

ADDENDUM NO. 04.1

DATE: March 4, 2021

TO: All Potential Bidders

FROM: Penny Owens, Purchasing Agent, City of Knoxville

SUBJECT: Addendum No. 03.1 – Public Safety Complex Construction

BID DATE: March 9, 2021, at 2:00:00 p.m. (Eastern Time)

This addendum becomes a part of the Contract Document and modifies the original specifications as noted.



ADDENDUM 04.1

Project: 19018_COK Public Safety Complex
Date: 3 March 2021

Addendum 04.1 forms a part of Construction Documents and modifies the original drawings and specifications issued on February 1, 2021.

SPECIFICATIONS:

Unless noted otherwise, replace the following sections with the attached updated sections dated 3.3.2021.

1. **General Specifications:** 00 01 10 – Table of Contents, 00 11 13 – Invitation to Bid, 00 20 00 - COK Procurement and Contracting Information, 00 31 25 - Existing Building Assessment Information, Supplement to Building Envelope Assessment, 00 41 13 – Bid Form, 01 21 13 – Allowances, 01 22 00 – Unit Prices, 01 23 00 – Alternates, 01 26 20 – Weather Delay Report
2. **Architectural Specifications:** 04 01 00 – Masonry Restoration, 06 61 16 – Solid Surfacing Fabrications, 07 42 13.19 – Insulated Metal Wall Panels, 08 43 33.13 – Security Storefronts, 09 05 62 – Common Work Results for Flooring Preparation, 10 14 00 – Signage, 32 31 13 – Chain Link Fences and Gates
3. **Fire Protection Specifications:** 21 13 14 – Inergen Fire Suppression Systems.

BP3 DRAWINGS:

Unless noted otherwise, replace the following sections with the attached updated sections dated 3.3.2021.

4. **General Front-End Sheets:** Refer to revised Sheets G002 and G003.
5. **Architectural Sheets:** Refer to revised Sheets AS110, AS111, AS112, AS400, LS120.2, A001, A002, A010, A011, A012, A013, A020, A021, A022, A023, A024, A025, A026, A027, A028, A101, A102, A103, A104, A105.4, A110.1, A110.2, A110.3, A111.1, A111.2, A112.1, A112.2, A113.1, A113.2, A114, A115, A119.1, A119.4, A120.1, A120.2, A120.3, A121.1, A121.2, A121.3, A122.1, A122.2, A122.3, A123.1, A123.2, A123.3, A124, A125, A126, A127, A128, A210.2, A210.3, A211.1, A211.2, A212.2, A213.2, A220, A301, A321, A322, A323, A324, A403, A404, A411, A413, A414, A415, A416, A419, A421, A501, A601, A602, A603, A604, A610, A620, A621, A622, A623, A624, A701, A702, A710, A711, A712, A720, A721, A801.1, A801.2, A802, A803.1, A803.2, A803.3, A810.1, A810.2, A811.1, A811.2, A812.1, A812.2, A813.1, A813.2, A814, A815.1, A815.2, A816, A817.1, A817.2, A818.1, A818.2, A820, A821.1, A821.2, A821.3, A822.1, A822.2, A823.1, A823.2, A824.1, A830.1, A830.3, A900, A902, A910, A911.1, A912, A913, A920, A922, A923, and A924.
6. **Structural Sheets:** Refer to revised Sheets S211, S212, and S230.
7. **Mechanical Sheets:** Refer to revised Sheets M111.2, M121.1, and M201.
8. **Fire Protection Sheets:** Refer to revised Sheets FP101, FP103, FP104, FP110.1, FP110.2, FP110.3, FP111.1, FP111.2, FP111.3, FP112.1, FP112.2, FP113.1, FP113.2, FP114.1, FP120.1, FP120.2, FP120.3, FP121.1, FP121.2, FP121.3, FP122.1, FP122.2, FP122.3, FP123.1, FP123.2, FP123.3, FP124, FP125, FP126, FP127, FP128, FP200.1, FP200.3, and FP202.
9. **Plumbing Sheets:** Refer to revised Sheets P101, P210.2, and P2105.
10. **Electrical Sheets:** Refer to revised Sheets E101, E102, E103, E110.2, E111.1, E111.3, E121.1, E210.2, E223.1, E323.1, E325, E401, E420, and E426.
11. **Alternate #2 – Prefabricated Firing Range:** Refer to attached Basis of Design reference drawings and details from the manufacturer. All finishes to be selected from manufacturer's standard range if not prescribed in this document.

BIDDER QUESTIONS:

12. Door hardware - Sheet A720 – Doors P900A/P900B/S901 – no hardware specified.
 - a. **Refer to revised Sheet A720.**
13. Drawing note - Please clarify Door Remark "A" – Existing door and hardware to remain. In many instances the frame column shows existing, but the door column indicates a new door. At openings S801/S802/S805 head and jamb details are referenced as though these are new frames. Please review and advise.
 - a. **Note read "Existing door and frame to remain (...)." Revised to read unless otherwise noted. If new door is scheduled, provide new door and hardware in existing door frame. Refer to update Sheet A720 and A721.**
14. Parking Garage General Note 1 – Remove all Wheelstops prior to restriping. Do existing go back in place or are new required or none required?

- a. **Existing wheel stops to be reused and repainted at accessible parking spaces only. Refer to revised Parking Garage Keynote #2.**
- 15. AS110 - Wall mounted signage - Note #29 points to the wall adjacent to the Pension entrance for a wall mounted sign. Nothing is shown on the building elevation at that location. Please advise.
 - a. **Remove site keynote note 29 at Pension Entrance on AS110. Provide 2' x 2' window film signage to be applied to the storefront door.**
- 16. Hardware schedule - Opening 070A on the Central Annex door schedule is a double opening but is in hardware set 13 which is for a single opening. What hardware set should be used?
 - a. **Refer to revised Sheet A710.**
- 17. Hardware schedule - Opening 058B on the Central Annex door schedule is a single opening but is in hardware set 42 which is for a double opening. What hardware set should be used?
 - a. **Refer to revised Sheet A710.**
- 18. "Can you provide an elevation view for lockers in POB Office Level 5 Men's and Women's Locker rooms and for Women's Fitness Room 116."
 - a. **Refer to past Addendum #03.1 for locker heights and specifications for basis of design requirements.**
- 19. Doors / hardware - Missing information - On page A721, Frame type FF states that it is HM where scheduled, but the jamb detail shows that it is an Aluminum frame. No openings on the door schedule call for this frame type but there are a few on the floor plan that show this frame. Should we follow the frame type listed on the door schedule or the floor plan? Should this be HM or Aluminum?
 - a. **Through VE this door lost the type FF sidelight and is now simply a FG door in a HM frame. Refer to revised detail references on Sheet A721.**
- 20. Doors / hardware - Missing information - Openings 900B and S901 of the POB Door Schedule do not have a hardware set listed. Please provide what hardware sets are needed.
 - a. **Refer to revised Sheet A720.**
- 21. There are areas of existing drywall scheduled to remain that need to be repaired. How will this work be identified in the documents and so that it can be quantified for bidding? Can an allowance be created for this scope?
 - a. **The only remaining drywall is at elevator shaft walls. Refer to Addendum #03.1 for how to address this scope.**
- 22. Within the shell areas of construction, what is the intention or scope for the exterior walls in these locations? Type of insulation and thickness, finishes, wall type etc?
 - a. **Within Shell areas of construction, drywall to receive first coat of compound only. Exterior walls to receive R-19 FSK insulation and perimeter fire caulk as described in Floor Plan General notes 17-19.**
- 23. In many of the stairwells, the laminated drywall has been removed. Is the intention to leave these areas block or go back with drywall? If drywall, prep work will be needed prior to either. How will this work be identified in the documents and so that it can be quantified for bidding?
 - a. **Central Annex Stairs 05 and 06 are the only stairs that received gypsum board finish in original construction. Provide new 3/4" metal furring at 16" O.C. with new 5/8" gyp board finish to these stairwell walls.**
- 24. Are there any concrete foundations at the security gate control boxes?
 - a. **Refer to Civil for concrete pad information. Concrete pad and rough-in to remain in GCs scope.**
- 25. I apologize if I missed it, but are there any specification for the floor boxes, poke thru floor box, and the floor boxes for the raised floor?
 - a. **Poke thru floor box shall be Legrand Evolution 6" poke-thru device with power, data, and AV as indicated on the plans or equal. The raised floor specification has the floor boxes for the raised floor areas and 260537 has the regular in slab floor boxes specified. Multiservice devices in slab should be a Legrand Evolution 6" round box similar to the poke-thru.**
- 26. Are the floor boxes for the raised floor provided with the raised floor?
 - a. **These are specified under the raised flooring specification and should be provided by that division.**
- 27. 12/A119.4 Window Washing/Fall Protection Roof Anchor - please provide specification for the anchor and layout on the roof plan(s).
 - a. **See revised Sheet A119.4, detail removed.**
- 28. Does Door 180 stay in the Base Bid or is it omitted in Alternate No. 6? Does Room 178 remain, also?
 - a. **Door 180 and Room 178 will remain in the Base Bid and are not part of Alternate #6.**
- 29. Entry door Frame Type J & S and also Frames L,K and numerus others areas and in the central annex bld. A111.3 are calling for frames with Level 3 Ballistic Glass in them and all of the detail cut sections are showing standard Aluminum Storefront material .I need to confirm that All of the storefront doors and framing materials are aluminum and the glass only is Ballistic Rated ? Please clarify
 - a. **Frames are also Ballistic Rated. Refer to added Section 08.43.33.13 - Security Storefronts to address the storefront frame issue. Ballistic rated glass is in Section 08.80.00 - Glazing.**
- 30. Substitution request for Taylor Power Systems in lieu of Kohler Generators.

- a. **Reference Addendum 03.1.**
31. The body of the specifications includes the following specifications which aren't identified in specification section 00.01.10 - Table of Contents: "10.26.16 Wall Guards" and "10.56.13 Metal Storage Shelving". Please clarify.
- a. **An updated Table of Contents was issued in Addendum 3.1 to address this issue, but we are issuing an additional update in Addendum 4.1 and these two sections are included in the Addendum 4.1 update.**
32. Does the architect have a preferred manufacture for the wire mesh fence partitions shown on AS420? There is not one listed in the spec, please advise.
- a. **Refer to revised specification 32 31 13 – Chain Link Fences and Gates.**
33. Note 21 on elevations A300 and A301 require "New Steel Pipe Handrail and Guardrail" @ the Women's Pavilion. This note also references Sheet A650 which appears to show the sloped guardrail for the POB stair shafts. Please confirm the specific detail(s) we're to base our guardrail pricing on for the ext. guardrails (exposed to weather) at the Women's Pavilion.
- a. **Refer to revised Sheet A 601 for more details regarding Women's Pavilion exterior guard rail replacement and details.**
34. Relative to the new guardrail scope at the Women's Pavilion (referenced above), please clarify who's responsibility it will be to remove the existing railing prior installation of the new railing.
- a. **Refer to revised Sheet A601, GC to remove existing guardrail prior to replacement.**
35. There is existing guardrail outside Patio 348 of the Women's Pavilion. The elevations do not appear to call out new guardrail at this area. Please clarify.
- a. **Refer to revised Sheet A601 for details.**
36. The following questions were submitted to us from a local Drywall company:
- Within the shell areas of construction, what is the intention or scope for the exterior walls in these locations? The documents do not appear to provide sufficient detail regarding the shell conditions.
 - i. **Within Shell areas of construction, drywall to receive first coat of compound only. Exterior walls to receive R-19 FSK insulation and perimeter fire caulk as described in Floor Plan General notes 17-19.**
 - With demolition in mind in regards to exterior replacement studs, will there be a specification of materials for this?
 - i. **In Addendum 3.1, Section 1.21.13 – Allowances, Item F was added to address the existing damaged exterior wall studs.**
 - In many of the stairwells, the laminated drywall has been removed. Is the intention to leave these areas block or go back with drywall? If drywall, prep work will be needed prior to either.
 - i. **See response to Question 22 for the drywall in stairwell issue.**
37. Glazing type 7 is called out on multiple elevations on A713, however, there is no definition of glazing type 7 in the glazing type legend. Please clarify.
- a. **Refer to the last entry under head Exterior Glazing Types for Type 7 – the numbering is out of sequence as it was added later in the project.**
38. The following questions (regarding the Central Annex) were submitted to us from a local Mechanical/Plumbing company:
- Will the site backfill on the backside of the Annex building be brought to grade and compacted so crane can be utilized for lifts of equipment to the roof?
 - **All backfill is to be installed in accordance with the Geotechnical Report and Recommendations. Reference the report for applicable and acceptable load ratings.**
39. What are the finishes for Alternate 2? Example: foundations, slab, site work, doors, window, shelf office area, ceiling material etc...?
- a. **Refer to attached Alternate #02 basis of design reference drawings for details.**
40. Finish Schedule - PBT-3 is listed on the Finish Plans, but not listed in the Finish Schedule. Please provide Product Information.
- a. **PBT-3 on the finish plans is supposed to be PBT-2. There is no PBT-3 in the project. This is to be clarified in the drawings on ADD #04.1.**
41. Please confirm that the Existing Building Assessment Information spec. section 00 31 25 is included in the project manual for reference purposes only and that its intent is not to define scope of work for the GC's to include in their pricing, unless specifically referenced in the plans and/or specs.

We acknowledge there are instances where scope is identified in this assessment which is specifically referenced on the plans or in the specs, for instance, Part 1.09 "Scope of Work" within the Masonry Restoration spec. section 04 01 00 which references Section A.1, B.1 and B.2 of spec section 00 31 25. Instances such as these which reference the report are clear indications of scope of work to be included in this contract. Otherwise, we've assumed that the scope identified and/or specifically referenced on the plans or specs is what we should base our pricing on and not

necessarily include cost considerations to remedy all of the deficiencies identified in the Existing Building Assessment report. Is this a correct assumption? Regarding Part 1.09 "Scope of Work" within the Masonry Restoration spec. section 04 01 00 which references Section A.1, B.1 and B.2 of spec section 00 31 25. Please clarify this directive. I am unable to clearly identify sections "A.1, B.1 and C.1" from this assessment.

a. Refer to added Supplement to Building Envelope Assessment clarifying scope to be addressed as well as revised Allowances and Unit Prices specifications covering this scope of work.

42. Regarding spec section 21 13 13, Page 2 #9. "Provide a pre-action sprinkler system for serving data processing areas and dispatch call areas." I'm unable to locate a pre-action system(s) on the drawings. Is this in addition to the Ansul system(S) shown in the WP? If not, please provide location and type of system.
 - a. **Disregard this note. There is only the Ansul system.**
43. Will re-paving of Huron Street or St. Mary's Street be required? It appears the current documents only require asphalt patch work related to utility street crossings and patch work related to new sidewalk/curb work. Please confirm.
 - a. **Repaving of Huron Street and St. Mary's Street is not included as part of this scope. Only paving required is to repair excavations from utility work, storm installation, curb and gutter, sidewalk, and driveway entrance installations.**
44. Note 6 on AS111 calls out a new 36"x36" pre-manufactured concrete planters and refers to specifications for more information. L100 shows these as well with a note stating that they are "BY OTHERS". Please clarify.
 - a. **L100 reads "ANNUAL PLANTING IN SECURITY PLANTERS (BY OTHERS)". The annual plantings are by others, not the security planters.**
45. Note 20 on AS111 calls out a new pre-manufactured concrete benches; Please clarify whether this item is by the GC or owner? If by the GC, please confirm if it is the intent for this item to align with the Wausau Model TF5026 spec listed in section 32.33.00.
 - a. **Benches are in contract as specified in 32 33 00.**
46. Note 22 on AS111 and AS112 calls out new garbage/recycling receptacles; Please clarify whether this item is by the GC or owner? If by the GC, please confirm if it is the intent for this item to align with the CityView Dual Body Vertical Strap Receptacle by SiteScapes, Inc. as spec listed in section 32.33.00.
 - a. **This item is in the GC contract as specified in 32 33 00.**
47. Sheet LS120.2 shows Chain Link Fencing at Parking Level P1 area C, however, corresponding architectural sheet A120.3 makes no mention of fencing required at this area. Please advise.
 - a. **Refer to revised Sheet LSS120.2, chain link not required in this location.**
48. Note 9 on sheets A119.2 and A119.3 call out new mechanical equipment screens at the Central Annex roof. Is this the same screening product specified in section 32.35.00? Part 2 of this question is, would it be possible for the design team to provide a section of this condition showing the material used for the screening system as well as the screening systems relationship to the rooftop structure and rooftop membrane roofing system?
 - a. **Screening product specified in 32 35 00 is intended to be used for rooftop screening at Central Annex Rooftops. Refer to Sheet A417 for details.**
49. Please see the attached substitution request submitted by Peachtree Protective Covers.
 - a. **This item was rejected in Addendum 3.1.**
50. On drawings E325, there is an Area of Rescue Intercom Station shown near the elevator lobby. This is the 6th floor of the building; however, Area of Rescue is not shown on any other floor of the building. There is also no master station shown for calls to annunciate to. Typically, with Area of Rescue, there is an annunciator on the ground floor and an intercom station in the elevator lobby of each floor above it.

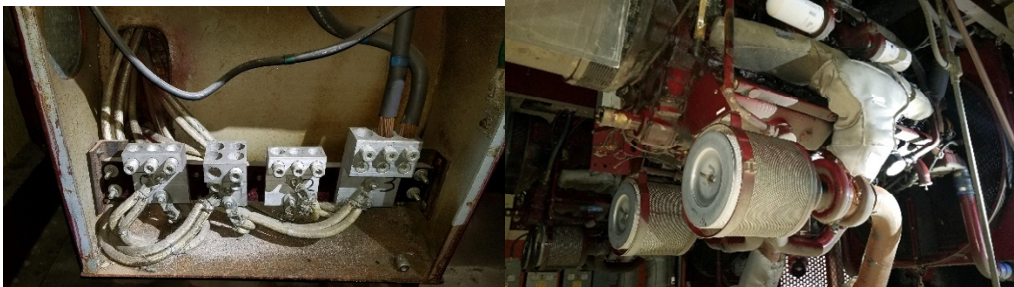
Maybe I am just not understanding the intent or maybe it is an error...not sure. But we need a clarification on this system.

a. The area of rescue system is not required and will be removed in Addendum 04.1.

51. Solid surface on walls - SS3/SS4 solid surface noted for shower walls is not available in the 1/4"t sheets (ref 2,4/A830.2), only 1/2"t sheets. Please advise.
 - a. **1/2"t sheets are fine. This is clarified in ADD #04.1. Please refer to new Section 06.61.16 – Solid Surfacing Fabrications to address this issue.**
52. Solid surface on walls - No specification addresses vertical application of solid surface material on walls. Please provide a specification.
 - a. **1/2"t sheets are fine. Please refer to new Section 06.61.16 – Solid Surfacing Fabrications to address this issue.**
53. Solid surface on walls - SS6/SS7/SS9 solid surface noted for elevator surrounds is not available in 1/4"t sheets (ref 5/A624), only 1/2"t sheets. Please advise.
 - a. **1/2"t sheets are fine. This is clarified in ADD #04.1.**
54. Casework - Ref elev. 9/A810.2, finishes not noted.
 - a. **Cabinets to be PL-7 and countertop to be SSTL. This is clarified in ADD #04.1.**
55. Casework - Ref 3/A822.1, what is the rear finish for these islands? PL2?

- a. **The rear finish of the islands is to be PL-2. This is clarified in ADD #04.1.**
56. Casework details - Ref A830.3, general notes, upper cabs note #2 calls for a sloped soffit at tops of all wall cabs without gyp soffit. Is this applicable for this project?
a. **This note does not apply to this project. This is clarified in ADD #04.1.**
57. Casework details - Ref A830.3, will the sloped laminate soffits also be required for the elevations with the '3/4 surround' detail (ref 26/A830.3)? Is soffit color to match the '3/4 surround', ref typ. 16/A810.1?
a. **There are no sloped laminate soffits in the project. Soffits in the project are painted gyp.**
58. Casework - Ref A110.2 plan, at 03 bulk supply, appears to be unlabeled casework elevation on east wall. Finish/elevation?
a. **These drawings have been added to sheet A810.2 in ADD #04.1.**
59. Transitions - Some of the showers receive tile above the solid surface shower panel. What transition will be used between the two materials?
a. **The solid surface is thicker than the wall tile. Grout should transition the solid surface to tile.**
60. Finish Schedule - WP-2nd Level, 202 TLT: Finish schedule shows CWT-7 but wall schedule on A902/5 shows CWT-5,6. Which one is correct?
a. **CWT-5, 6 is correct. This is clarified in ADD #04.1.**
61. Tile backing - A830.2 shows Dilex EKE in showers. Will there be Dilex, on walls with wall tile, in restrooms without showers as well?
a. **Dilex EKE should only be used as shown in showers.**
62. Tile selection - WP-3rd Floor Data 319: Finish plan shows CPT-8,9 but no pattern layout shown. Does this room get both CPT-8 & CPT-9?
a. **Data 319 does get both CPT-8 and CPT-9. The pattern layout is on sheet A903. The transition happens on the east and west ramps leading into the larger space.**
63. Insulated Metal Wall Panel Substitution Request for Alpy Metal Wall Panels.
a. **Refer to attached APPROVED substitution request form for Alpy Metal Wall Panels.**
64. Note 12 on Sheet A129 states "Elevated metal grate at Roof top chillers." I have been unable to find a spec for this material in the specifications. Please advise.
a. **Refer to Sheet S129 for details.**
65. The stairs at the mechanical chillers has a section callout of 13/A119.4. There is no detail 13 on sheet A119.4. Please advise.
a. **Refer to revised Sheet A119.4 for detail.**
66. There are impact resistant steel bollards located on AS111 (note 5), A110.2 (note 50) and the POB parking deck A sheets (note 19). None of these notes reference bollard detail 12/AS400. Additionally, spec. section 32.33.00 identifies impact resistant bollard Model PDT8080MF, by Calpipe Security Bollards. Is it the design intent for all exterior bollards to match the bollards specified in 32.33.00?
a. **Refer to revised Sheets AS111, AS400, Parking Garage Keynotes and Floor Plan Keynotes. Main entry bollards on AS111 to match detail 12/AS400, new general site bollards on A110.2 are new bollards to match detail 12/AS400, new bollards at POB parking deck to be deck mounted steel bollards as described.**
67. The monumental sign plan appears to show 2 signage faces in plan view, however, there is only one monumental signage elevation (5/AS400). Are both sides of the monumental sign to match the elevation 5/AS400?
a. **Yes.**
68. Sheet FP125 appears to indicate the 8,477 SF, E624 named area as "Alternate 5", however, based on A125, this space appears to be already shell space in the base bid. According to spec. section 01.23.00, Alternate 5 is to treat the entire floor (in addition to area E624) as shell space. Please clarify.
a. **A narrative was provided in ADD3.1. Treat the entire floor as ALT 5.**
69. We received this question from a Door, Frame and Hardware supplier:
a. We are trying to figure out the key system for the City of Knoxville. We spoke to our Medico Rep who we believe is in charge of the key system for the City and they mentioned that they would need the following information to make sure they price the correct thing.
b. In order for Medico to give us an accurate number, we will need number of pins (6 or 7) in the core/cylinder, the End User Name or the Medeco Registry Number, to get the correct existing system. If not, they could give us a picture of both sides of any key, and that will give us the information.
i. **The end used name for the system is "Public Building Authority of Knox County" and the SFIC cores have 6 pins.**
70. Generators - Based on existing equipment current state and to ensure proper pricing of refurbishment. The unit is salvageable, but it is hard to determine the exact desired configuration and state of repair based on the provided information. The definition of refurbishment can vary widely in its intent and can vary greatly on cost. After an on-site visit and inspection the information available is below. Followed by questions.
a. Existing unit- information

- b. Detroit Diesel Engine
- c. Unmarked Alternator-
- d. Unit has no existing breakers-Direct to Buss tie in
- e. Analog controls- not able to access any future BAS system or remote alarming-
- f. Information on Remote annunciation was not available-
- g. Muffler wrapped can not be inspected. -
- h. There are indications there have been or are currently oil leaks present on the unit.
- i. Are there any requirements to upgrade control system?
Upgrade the control system to comply with 26 32 13-2.07 and provide remote annunciator to comply with 26 32 13-2.08.
- j. Is there any service history that can be accessed to determine last operational status?
No there is no service history.
- k. Currently no breakers on existing unit. Will this remain the case with installation of disconnects for individual 600A feeds? Or are breakers to be installed as part as refurbishment?
The breakers are indicated as new and shall be installed as part of the refurbishment.
- l. Is a warranty required? If so how long?
Provide 1 year warranty.
- m. Can this be priced as a "cost plus" after Initial Testing load banking Item or "to include"?
This can not be priced as cost plus unless owner is open to it. All costs to be included.



- 71. Addendum 3 states that Parking Garage repairs are not included in this scope. Do we omit re-stripping from our scope as well? Not sure how re-stripping will work with all the spalling and peeling of the coating.
 - a. **Stripe the parking garage as is.**
- 72. Addendum 3 states that all areas in the existing building shall be resprayed with applied fireproofing. Is existing to be removed prior? Just walking through the building, I touched a couple columns and the existing fell off with no effort. Please provide input on how to quantify such. Owner's Testing Agent would have to provide pull tests and confirm existing's compliance with codes/standards.
 - a. **Existing fireproofing to remain, respray everything to meet applied fireproofing requirements.**
- 73. Are the enviro bins in the Base Bid or are they part of Oldham Parking Modifications?
 - a. **Enviro bins are part of the Oldham Parking Modifications.**
- 74. Existing Building Assessment report discusses lack of firesafing at floors. Please provide specs/details if remediation of such is to be included in the base bid.
 - a. **Refer to Floor Plan General Note #17 – Provide mineral wool and fire caulk at all perimeter walls of Central Annex and Women's Pavilion to meet Hilti UL detail CEJ-316-P for EFIS exterior wall finish or CEJ-314-P for masonry exterior wall finish.**
- 75. Still awaiting instruction on scope of repairs of existing building skins.
 - a. **Refer to newly provided Supplement to the Building Envelope Assessment and an updated Section 00.31.25 – Existing Building Assessment Information to address the scope of repairs to the exterior of the existing buildings.**
 - Storefront
 - i. How to repair mullions that are damaged by screw holes **Refer to Elevation Keynote #32.**
 - ii. How much glass to replace **By Messer**
 - iii. Proper operation of operable units **By Messer**
 - iv. Probably should direct that all require re-caulked
Re-Caulk all storefront at exterior and new interior finishes.
 - v. Gasket replacement? **By Messer**
 - vi. Throughout, there is damage to mullions due to the demo activities. Many cases will require the glass to be removed and the mullion replaced. **By Messer**
 - vii. Existing doors at Women's Pavilion appear to need full replacement. Do 101 and 102 work? **By Messer**

- viii. Unit at Room 213 is in pieces lying on the floor. **By Messer**
- ix. Unit at Patio is missing glass and appears to have been moved. **By Messer**
- x. Doors throughout are in poor operating condition. At POB P4, for example, the door almost fell out as Skanska rep opened it. **By Messer**
- b. EIFS
 - i. Cleaned and painted as a minimum? **Yes**
 - ii. Need some definition as to how to handle patching damaged areas.
Refer to newly provided Supplement to the Building Envelope Assessment and an updated Section 00.31.25 – Existing Building Assessment Information to address the scope of repairs to the exterior of the existing buildings.
 - iii. Does the EIFS need to be re-coated or just painted?
Patch and paint existing EIFS.
 - iv. Caulking of control joints
Caulk all control joints.
 - v. Report mentions the need to remove some EIFS in order to install two-piece flashings. Need locations and details
Refer to newly provided Supplement to the Building Envelope Assessment and an updated Section 00.31.25 – Existing Building Assessment Information to address the scope of repairs to the exterior of the existing buildings.
- c. Precast
 - i. Clean **Yes**
 - ii. need procedure/qty of patching cracks
Refer to newly provided Supplement to the Building Envelope Assessment and an updated Section 00.31.25 – Existing Building Assessment Information to address the scope of repairs to the exterior of the existing buildings.
 - iii. need procedure/qty of dealing with exposed reinforcing
Refer to newly provided Supplement to the Building Envelope Assessment and an updated Section 00.31.25 – Existing Building Assessment Information to address the scope of repairs to the exterior of the existing buildings as well as Structural.
- d. Brick
 - i. Clean all brick? **Yes**
 - ii. Re-caulk control joints **Yes**
 - iii. Replacement? Especially at corners of POB **Yes**
 - iv. Tuck pointing **Yes**
- e. At all exterior walls
 - i. what to do about mold/mildew/deterioration of sheathing?
Refer to newly provided Supplement to the Building Envelope Assessment and an updated Section 00.31.25 – Existing Building Assessment Information to address the scope of repairs to the exterior of the existing buildings.
 - ii. replacement of damaged studs
This is covered by unit price allowance.
- f. Roof
 - i. Still quite a bit of mechanical equipment on the roofs that we assume is now obsolete? Is this to be removed in BP#2 or BP#3? If BP#2, will they patch roof deck, too?
Equipment has been disconnected and is remaining in place to prevent water intrusion until project is ready for roof replacement. Include equipment removal and disposal in base bid.

76. Interior Remediations

- a. Elevator shaft walls are beyond repair. These should be defined to be removed and replace with new.
Remove and replace.
- b. Interior side of exterior walls
 - i. Addendum directs to install spray foam insulation. **In POB exterior walls only.**
 - ii. At finished areas, do these then receive one layer of 5/8" gyp? **Yes.**
 - iii. What needs to occur at Shell Spaces? **Refer to revised Floor Plan General Notes for Shell Areas. Perimeter insulation to be installed, gyp board finish at exterior walls is not required.**
 - iv. In some of the stairwells, laminated gyp has been removed. Do these receive new gyp or is block to be cleaned and painted? **Refer to response above for Central Annex Stairs.**
- c. Floor Slab Repair – It is impossible to know the full extent of slab prep that will be required. In looking at the existing conditions and discussing with flooring contractors, it appears that the vast majority of slabs will require some level of prep ranging from typical prep, to levelling out birdbaths, infilling trench drains, to repairing the

- extensive work at tile removal. Another item – Addendum states that BP#2 includes removal of housekeeping pads. Are they going to chip them out and leave a mess or are they going to saw-cut out the pad and slab below and then patch the slab? We request that an allowance be defined for this work and GC provide a unit price of per bag to track the allowance.
- d. **Require floor prep everywhere, refer to revised 09_05_61 BSD-Common Work Results for Flooring Preparation_rebid_ADD 4.1 for additional details. Assume housekeeping pads will be chipped out and require more intensive preparation than a saw-cut would leave behind.**
77. Building WP
- a. Plans do not indicate location of existing standpipe(s) which were located at the main floor landing. Since the City of Knoxville allows standpipes to be located at main floor landings is it acceptable for existing to remain?
Most existing standpipes were removed during demo. All new standpipes will be located at the main floor landings.
- b. The existing exterior canopy (column lines 5-8) does not have a dry sprinkler system. Is this a code requirement? If so, will the existing ceilings be removed to allow installation of new dry system?
Yes
- c. Will Stair 01 be enclosed and heated to protect the wet standpipe?
- d. **Refer to updated plans, this will be a dry standpipe.**
78. Building CA
- a. The supply to the fire pump is indicated as 8". The underground service shown on C501 is shown as 6". Please clarify.
CA fire supply line is 6".
- b. Drawing C501 (callout note #4) indicates a backflow preventer and FDC at the street. Drawing FP110.1 shows a backflow in the building. Which is correct?
BFP and FDC will be located at the street for CA.
- c. Mech 058 where fire pump is located – will all existing HVAC and standpipe / sprinkler system pipe be removed from this room during demo?
All equipment has been demolished in mech 058.
- d. Plans do not indicate location of existing standpipes which were located at the main floor landing. Since the City of Knoxville allows standpipe(s) to be located at main floor landings.is it acceptable for existing to remain?
Most existing standpipes were removed during demo. All new standpipes will be located at the main floor landings. Refer to updated plans
79. Building POB
- a. Drawings FP123 and C501 – Is the existing service to be re-used to supply the fire pump? Please identify the route of existing service in coordination with the notes on C501 referencing "historic drawings".
Refer to updated drawings. Pipes are available for re-connection in the garage beneath the bridge.
- b. Can existing standpipe remain at main floor landing on all levels in Stair 1?
The existing main floor landing location can be used if it works with the arch layout, new standpipe is required as the existing has been demolished in stair 1.
- c. How are existing standpipes in Stairs 2 & 3 re-supplied?
This is shown on updated drawings.
- d. Is 6" supply feeding the 1000gpm pump adequate?
Refer to drawings for updated pump selection.
80. Fire pumps and general notes:
- a. Are fire pumps sized to meet the 100psi requirement at top of standpipe or is this requirement waived for the project?
For CA and WP pumps are sized to meet 100 psi at the top of each standpipe. The (updated) POB fire pump is sized for the manual dry standpipes in stair 4 and 5, and the office sprinkler system only.
- b. Note H on FP200.x drawings – please define "other high-profile areas".
There are no high-profile areas other than the ones mentioned in note H.
81. In addendum # 2 question 45 there is an allowance forthcoming for KUB charges. In addendum # 3 question 36 states the GC is to pay. Please clarify which is correct?
a. Refer to update Allowances specification for KUB Aid-to Construction costs.
82. Where are the location of the bumper guards and crash rail system as specified in section 10.26.16 Wall Guards? Not to be confused with section 10.26.13 Corner Guards?
a. Refer to revised drawings, Wall Guards are only located on CA-LL3 in select locations.
83. Please provide the locations of the shelves as specified in section 10.56.17 Wall Mounted Standards and shelving, are they going into all the storage rooms? Please clarify
a. Provide 5 rows of 12" wall mounted standards shelving along rear wall face of all storage rooms.
84. Rooftop Substitution Request for Addition from Daikin.

- a. **Refer to attached Substitution form for response.**
- 85. Mini Split Ac Units Substitution Request for Lenno from Daikin
 - a. **Refer to attached Substitution form for response.**
- 86. Is Fire Protection required in the Firing Range? If so, please provide details.
 - a. **Fire protection is not required for the range, we have a rated separation and independent structure from adjacent buildings.**
- 87. The existing job trailer, is it remaining and does the GC need to include a job trailer if it is remaining?
 - a. **The existing trailer is not remaining. GC needs to provide jobsite trailer, portable toilets, hand washing stations**
- 88. Will the COK pay for the electrical consumption once permanent power is turn on?
 - a. **No. City of Knoxville will accept transfer and pay for utilities after substantial completion.**
- 89. On drawing A120.1 the Armory Chain link Fence see sheet As420 call for a mesh fence, please identify which one is correct?
 - a. **Refer to revised specification 32 31 13 – Chain Link Fences and Gates.**
- 90. Please provide the manufacturer of the 10' tall on sheet AS420? Is this a 3/8" mesh or chain link. Can you help me gets some clarity on this?
 - a. **Refer to revised specification 32 31 13 – Chain Link Fences and Gates.**
- 91. Liebert Sub Request
 - a. **Refer to attached Substitution form for response.**
- 92. The wood doors are spec as factory finish and are shown on the finish schedule to be painted, please identify which is correct?
 - a. **All doors designated as painted on the door schedule**
- 93. Will we receive instructions on repairing the POB exterior or is an allowance will be provided?
 - a. **Refer to responses above regarding Supplement to the Building Envelope Assessment and Allowances for this work.**
- 94. Will the city allow the new HVAC equipment be used for temporary heating and air conditions during construction?
 - a. **The City will allow HVAC equipment to be used for temporary heating and air during construction given media filters are placed on return diffusers through construction, all filters on every unit must be replaced at Substantial Completion and the warranty period must begin at the date of Substantial Completion.**

END OF ADDENDUM 04.1.

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**SECTION 00.11.13
INVITATION TO BID**

PART 1 GENERAL

1.01 INVITATION TO BID

- A. Project No. 9018
- B. Project: City of Knoxville Public Safety Complex
- C. **Sealed bids from prequalified contractors will be received online and opened live via Zoom by Penny Owens, Purchasing Agent for the City of Knoxville, until 2:00:00 p.m. Eastern Time, on Tuesday, March 9, 2021 for the City of Knoxville Public Safety Complex Project.** The work consists of Renovations and Additions to the Professional Office Building, Central Wing Annex and Women's Pavilion at the historic St. Mary's Hospital Campus located in North Knoxville and any other work needed to complete the project as directed by the Owner.
- D. Only General Contractors who have been approved to bid pursuant to pre-qualification procedures and criteria established by the Owner will be eligible to bid the project. The pre-qualification proposal shall include AIA Document A305; a list of successful renovation projects, SF renovated, schedule duration, contract amounts, client names, addresses and telephone numbers and Experience Modification Rate. **Proposers shall obtain written pre-qualification procedures and criteria from the Owner's Representative, Volkert, Inc., 200 Prosperity Drive, Knoxville, Tennessee 37923, phone: (205) 965-0876, via email: jonathan.grammer@volkert.com.** Completed Pre-qualification proposals shall be submitted to Volkert, Inc., via email at the address above, **no later than 4:00 p.m., on Thursday, January 28, 2021.** General Contractors must demonstrate successful completion of similar projects on time for satisfied Owners.
- E. Project plans, specifications, and bid packages will be provided to prequalified contractors via email containing a link to download PDF files of the project plans, specifications, and bid packages on **Tuesday, February 2, 2021.**
- F. All bidders must be licensed contractors and must have a BC – Building Construction license classification.
- G. **A Pre-Bid Conference will be held for pre-qualified Contractors, subcontractors, and suppliers online via Zoom at 2:00 p.m. on Wednesday, February 10, 2021 per the following link and information:**
- City of Knoxville Purchasing is inviting you to a scheduled Zoom meeting. Topic: Pre-Bid Meeting - New Public Safety Complex Renovations
- Time: Feb 10, 2021 02:00 PM Eastern Time (US and Canada)
- Join Zoom Meeting
<https://us02web.zoom.us/j/86445312936?pwd=QXphQm9VRjJldTBTeTRwYWpvcjM4Zz09>
- Meeting ID: 864 4531 2936
- Passcode: 983583 One tap mobile
+13017158592,,86445312936#,,,,*983583# US (Washington D.C)
+13126266799,,86445312936#,,,,*983583# US (Chicago)
- Dial by your location
+1 301 715 8592 US (Washington D.C)
+1 312 626 6799 US (Chicago)
+1 929 205 6099 US (New York)
+1 253 215 8782 US (Tacoma)
+1 346 248 7799 US (Houston)
+1 669 900 6833 US (San Jose)
- Meeting ID: 864 4531 2936
- Passcode: 983583
- Find your local number: <https://us02web.zoom.us/u/kdJfxFpIXM>
- H. All interested potential bidders are strongly encouraged to view the "Invitation to Bid" on the City of Knoxville's procurement website @ www.knoxvilletn.gov/bids.

END OF SECTION 00.11.13

Lisa B. Hatfield
Attorney
City of Knoxville

Document No. _____

AGREEMENT

This Agreement is made by and between the **City of Knoxville**, a municipal corporation organized and existing under the laws of the State of Tennessee, 400 Main Avenue, P.O. Box 1631, Knoxville, Tennessee 37901 (“City”), and _____ (“Contractor”).

WITNESSETH:

WHEREAS, the City advertised for bids for the _____ Project, No. _____ (“Project”); and

WHEREAS, Contractor submitted the lowest, most responsive bid for said Project in the amount of _____ Dollars (\$ _____); and

WHEREAS, Contractor has the necessary qualifications and expertise to perform said work and the _____ recommends that contract be awarded to it; and

WHEREAS, City Council by Resolution No. _____ on _____, authorized the Mayor of the City of Knoxville to execute this Agreement on behalf of the City.

NOW, THEREFORE, the City and Contractor, for the mutual considerations and promises stated herein, agree as follows:

1. Scope of Work. Contractor will provide all supervision, technical personnel, equipment, labor, and materials, and perform and complete all work in a satisfactory manner necessary to _____, and perform other work as necessary to complete the Project all in strict accordance with the contract documents and

specifications for the _____ Project, No. _____, prepared by the City of Knoxville _____ Department.

2. Contract Documents. The executed Contract Documents will consist of the following:

- (a) This Agreement
- (b) Invitation for Bids and any Addenda thereto
- (c) Instructions to Bidders
- (d) Signed copy of Bid and Proposal
- (e) General Conditions
- (f) Supplemental General Conditions
- (g) Special Conditions
- (h) Technical Specifications
- (i) Drawings

Contract documents not appended to this agreement are located in the City of Knoxville _____ . To the extent there is a conflict between the terms of any of the documents that constitute this Agreement, the terms that provide the greater benefit to the City and/or impose the greater obligation on Contractor shall control.

3. Termination. The City may terminate this Agreement at any time, with or without cause, by written notice of termination to Contractor. If the City terminates this Agreement, and such termination is not a result of a default by Contractor, Contractor shall be entitled to receive as its sole and exclusive remedy just compensation for all satisfactory, authorized services completed prior to the effective date.

4. Term and Liquidated Damages. The date of beginning and the time for completion of the work are essential conditions of this Agreement, and the work embraced shall be commenced on the date specified in a written Notice to Proceed. Contractor shall perform the work with due and reasonable diligence and fully complete the Project by _____ (date) or within _____ () days from the issuance of the Notice to

Proceed. Contractor further agrees to pay liquidated damages to the City in the sum of _____ Dollars (\$_____) for each consecutive day thereafter as provided in the General Conditions.

5. Contract Price. The City shall pay to Contractor for the satisfactory performance of the contract subject to additions and deductions and in accordance with the bid as provided in the contract documents, unless modified by a Contract Change Order, an amount not to exceed _____ Dollars (\$_____).

Contractor shall submit invoices for services rendered to the City in a form approved by the City, shall indicate the time period during which the services were provided and shall be signed by Contractor to certify its accuracy.

The City will pay Contractor for services satisfactorily rendered within thirty (30) days of the receipt of Contractor's undisputed invoice. Payment for services rendered does not indicate the City's acceptance of such services as being fully in accord with all the provisions of this Agreement.

6. Retainage. The City will retain five percent (5%) of payment for all work covered by the contract documents. Upon completion of all work covered by the contract documents to the final satisfaction of the City, the retainage balance will be paid to the contractor.

7. Changes in the Work. The City may at any time, if the need arises, order changes within the scope of the services without invalidating the Agreement. If such changes increase or decrease the amount due under the Agreement, or in the time required for performance of the services, an equitable adjustment shall be authorized by Change Order or Amendment. All Change Orders must be approved and signed by the City and Contractor.

8. Notices. Any notice required or permitted under this Agreement will be directed to the following representatives or such other address as either party may designate by written notice to the other:

City of Knoxville:
Penny Owens, Purchasing Agent
P.O. Box 1631
Knoxville, TN 37901
(865) 215-2070

Contractor:

() _____

cc:

Notices shall be in writing and shall be effective when actually delivered in person, received via facsimile transmission, or private carrier with signature confirmation, or when received in the U.S. Mail, certified with return receipt requested, postage pre-paid and addressed to the party as stated above.

9. Indemnification. Contractor shall defend, indemnify and hold harmless the City, its officers, employees and agents from any and all liabilities which may accrue against the City, its officers, employees and agents or any third party for any and all lawsuits, claims, demands, losses or damages alleged to have arisen from an act or omission of Contractor in performance of this Agreement or from Contractor's failure to perform this Agreement using ordinary care and skill, except where such injury, damage, or loss was caused by the sole negligence of the City, its agents or employees.

Contractor shall save, indemnify and hold the City harmless from the cost of the defense of any claim, demand, suit or cause of action made or brought against the City alleging liability referenced above, including, but not limited to, costs, fees, attorney fees, and other expenses of

any kind whatsoever arising in connection with the defense of the City; and Contractor shall assume and take over the defense of the City in any such claim, demand, suit, or cause of action upon written notice and demand for same by the City. Contractor will have the right to defend the City with counsel of its choice that is satisfactory to the City, and the City will provide reasonable cooperation in the defense as Contractor may request. Contractor will not consent to the entry of any judgment or enter into any settlement with respect to an indemnified claim without the prior written consent of the City, such consent not to be unreasonably withheld or delayed. The City shall have the right to participate in the defense against the indemnified claims with counsel of its choice at its own expense.

Contractor shall save, indemnify and hold City harmless and pay judgments that shall be rendered in any such actions, suits, claims or demands against City alleging liability referenced above.

The indemnification and hold harmless provisions of this Agreement shall survive termination of the Agreement.

10. Insurance. Contractor shall at its sole expense obtain and maintain in full force and effect for the duration of the Agreement and any extension hereof at least the following types and amounts of insurance for claims which may arise from or in connection with this Agreement. All insurance must be underwritten by insurers with an A.M. Best rating of A-VIII or better.

- (a) Commercial General and Umbrella Liability Insurance; occurrence version commercial general liability insurance, and if necessary umbrella liability insurance, with a limit of not less than \$2,000,000 each occurrence for bodily injury, personal injury, property damage, and products and completed operations. If such insurance contains a general aggregate limit,

it shall apply separately to the work/location in this Agreement or be no less than \$3,000,000.

Such insurance shall:

- (1) Contain or be endorsed to contain a provision that includes the City, its officials, officers, employees, and volunteers as additional insureds with respect to liability arising out of work or operations performed by or on behalf of Contractor including materials, parts, or equipment furnished in connection with such work or operations. The coverage shall contain no special limitations on the scope of its protection afforded to the above-listed insureds. Proof of additional insured status up to and including copies of endorsements and/or policy wording will be required.
 - (2) For any claims related to this project, Contractor's insurance coverage shall be primary insurance as respects the City, its officers, officials, employees, and volunteers. Any insurance or self-insurance programs covering the City, its officials, officers, employees, and volunteers shall be excess of Contractor's insurance and shall not contribute with it.
 - (3) At the sole discretion of the City, dedicated limits of liability for this specific project may be required.
- (b) Automobile Liability Insurance; including vehicles owned, hired, and non-owned, with a combined single limit of not less than \$1,000,000 each accident. Such insurance shall include coverage for loading and unloading

hazards. Insurance shall contain or be endorsed to contain a provision that includes the City, its officials, officers, employees, and volunteers as additional insureds with respect to liability arising out of automobiles owned, leased, hired, or borrowed by or on behalf of Contractor.

(c) **Workers' Compensation Insurance.** Contractor shall maintain workers' compensation insurance with statutory limits as required by the State of Tennessee or other applicable laws and employers' liability insurance with limits of not less than \$500,000. Contractor shall require each of its subcontractors to provide Workers' Compensation for all of the latter's employees to be engaged in such work unless such employees are covered by contractor's workers' compensation insurance coverage.

(d) **Other Insurance Requirements.** Contractor shall:

(1) Prior to commencement of services, furnish the City with original certificates and amendatory endorsements effecting coverage required by this section and provide that such insurance shall not be cancelled, allowed to expire, or be materially reduced in coverage except on 30 days' prior written notice to the City Attorney of Knoxville, P.O. Box 1631, Knoxville, Tennessee 37901. Proof of policy provisions regarding notice of cancellation will be required.

(2) Upon the City's request, provide certified copies of endorsements and policies in lieu of or in addition to certificates of insurance. Copies of policies will only be requested when contracts are deemed to be extremely or uniquely hazardous, include a dollar amount that

is significant to the overall budget of the City or a City Department, or the coverage(s) may not follow standard insurance forms. A policy will only be requested after the City's Risk Manager has reviewed the contract and proof of coverage has been provided. Should the certificate of insurance refer to specific coverage wording or endorsement(s), proof of such policy wording or endorsement(s) will be required.

- (3) Replace certificates, policies, and endorsements for any such insurance expiring prior to completion of services.
- (4) Maintain such insurance from the time services commence until services are completed. Failure to maintain or renew coverage or to provide evidence of renewal may be treated by the City as a material breach of contract.
- (5) If Contractor cannot procure insurance through an insurer having an A.M. Best rating of A-VIII, Contractor may, in the alternative, place such insurance with insurer licensed to do business in Tennessee and having A.M. Best Company ratings of no less than A. Modification of this standard may be considered upon appeal to the City Law Director.
- (6) Require all subcontractors to maintain during the term of the Agreement Commercial General Liability insurance, Business Automobile Liability insurance, and Workers' Compensation/Employer's Liability insurance (unless

subcontractor's employees are covered by Contractor's insurance) in the same manner as specified for Contractor. Contractor shall furnish subcontractors' certificates of insurance to the City without expense immediately upon request.

- (7) Large Deductibles: Self-Insured Retentions. Any deductibles and/or self-insured retentions greater than \$50,000 must be disclosed to and approved by the City of Knoxville prior to the commencement of services. Use of large deductibles and/or self-insured retentions will require proof of financial ability as determined by the City.
- (8) Waiver of Subrogation Required. The insurer shall agree to waive all rights of subrogation against the City, its officers, officials, and employees for losses arising from work performed by Contractor for the City. Proof of waiver of subrogation up to and including copies of endorsements and/or policy wording will be required.
- (9) Occurrence Basis Requirement. All general liability policies must be written on an occurrence basis unless the Risk Manager determines that a claims made basis is reasonable in the specific circumstance. Use of policies written on a claims made basis must be approved by the Risk Manager and retroactive dates and/or continuation dates must be provided to the City prior to commencement of any work performed. Professional Liability and Environmental Liability (Pollution Coverage) are most commonly

written on a claims made basis and are generally acceptable in that form.

(10) Completed Operations Insurance. Contractor shall procure and shall maintain liability coverage that shall include completed operations coverage, and Contractor shall maintain such coverage for a period of two (2) years from the date of the City's final acceptance of the project.

(e) Excess Liability Insurance. Contractor shall maintain excess liability insurance in addition to the insurance specified above with a limit of not less than \$15,000,000.00 each occurrence. This coverage shall be on a follow form basis.

(f) Contractor's Pollution Liability. Contractor shall maintain contractor's pollution liability coverage with limits of not less than \$2,000,000 per occurrence covering the operations specified in the agreement. If contained in the scope of services of the agreement, the policy shall contain no exclusions for lead-based paint, asbestos, mold, or microbial matter. If the agreement includes the transport of hazardous material or waste, the commercial auto liability policy will include the MCS-90 endorsement and coverage for pollution conditions, CA 99 48 03 06 Pollution Liability – Broadened Coverage for Covered Autos – Business Auto, Motor Carrier and Truckers Coverage Forms endorsement is acceptable.

Contractor should procure pollution liability coverage, ISO CG 00 39, or equivalent. If the coverage is written on a claims-made form:

- (1) The “Retro Date” must be shown and must be before the date of the contract or the beginning of contract work.
- (2) Insurance must be maintained and evidence of insurance must be provided for at least five (5) years after completion of the contract work and acceptance by the City.
- (3) If coverage is cancelled or non-renewed and not replaced with another claims-made policy form with a “Retro Date” prior to the contract effective date, Contractor must purchase “extended reporting” coverage for a minimum of five (5) years after completion of contract work.
- (4) A copy of the claims reporting requirements must be submitted to the City for review.

11. Non-Discrimination. Contractor:

- (a) will not discriminate against any employee or applicant for employment because of race, color, religion, sex, age, disability, familial status or national origin;
- (b) will take affirmative action to insure that applicants are employed, and that employees are treated during employment, without regard to their race, color, religion, sex, age, disability or familial status or national origin;
- (c) will, in all solicitations or advertisements for employees placed by or on behalf of itself, state that all qualified applicants will receive consideration

for employment without regard to race, color, religion, sex, age, disability, familial status or national origin; and

- (d) will include these provisions in every subcontract or sublease let by or for it.

12. Ethical Standards. Contractor hereby takes notice of and affirms that it is not in violation of, or has not participated, and will not participate, in the violation of any of the following ethical standards prescribed by the Knoxville City Code:

- (a) Sec. 2-1048. Conflict of Interest.

It shall be unlawful for any employee of the city to participate, directly or indirectly, through decision, approval, disapproval, recommendation, preparation of any part of a purchase request, influencing the content of any specification or purchase standard, rendering advice, investigation, auditing or otherwise, in any proceeding or application, request for ruling or other determination, claim or controversy or other matter pertaining to any contract or subcontract and any solicitation or proposal therefore, where to the employee's knowledge there is a financial interest possessed by:

- (1) The employee or the employee's immediate family;
- (2) A business other than a public agency in which the employee or a member of the employee's immediate family serves as an officer, director, trustee, partner or employee; or
- (3) Any other person or business with whom the employee or a member of the employee's immediate family is negotiating or has an arrangement concerning prospective employment.

- (b) Sec. 2-1049. Receipt of Benefits from City Contracts by Councilmembers, Employees and Officers of the City.

It shall be unlawful for any member of Council, member of the Board of Education, officer or employee of the City to have or hold any interest in the profits for emoluments of any contract, job, work or service, either by himself or by another, directly or indirectly. Any such contract for a job, work or service for the City in which any member of Council, member of the Board of Education, officer or employee has or holds any such interest is void.

- (c) Sec. 2-1050. Gratuities and Kickbacks Prohibited.

Gratuities. It is unlawful for any person to offer, give or agree to give to any person, while a city employee, or for any person, while a city employee, to solicit, demand, accept or agree to accept from another person, anything of a pecuniary value for or because of:

- (1) An official action taken, or to be taken, or which could be taken;
- (2) A legal duty performed, or to be performed, or which could be performed; or
- (3) A legal duty violated, or to be violated, or which could be violated by such person while a city employee.

Anything of nominal value shall be presumed not to constitute a gratuity under this section.

Kickbacks. It is unlawful for any payment, gratuity or benefit to be made by or on behalf of a subcontractor or any person associate therewith as an inducement for the award of a subcontract or order.

(d) Sec. 2-1051. Covenant Relating to Contingent Fees.

(a) Representation of Contractor. Every person, before being awarded a contract in excess of ten thousand dollars (\$10,000.00) with the city, shall represent that no other person has been retained to solicit or secure the contract with the city upon an agreement or understanding for a commission, percentage, brokerage or contingent fee, except for bona fide employees or bona fide established commercial, selling agencies maintained by the person so representing for the purpose of securing business.

(b) Intentional violation unlawful. The intentional violation of the representation specified in subsection (a) of this section is unlawful.

(e) Sec. 2-1052. Restrictions on Employment of Present and Former City Employees.

Contemporaneous employment prohibited. It shall be unlawful for any city employee to become or be, while such employee, an employee of any party contracting with the particular department or agency in which the person is employed.

(f) Remedies for Violations. For violations of the ethical standards outlined in the Knoxville City Code, the City has the following remedies:

(1) Oral or written warnings or reprimands;

- (2) Cancellation of transactions; and
- (3) Suspension or debarment from being a Contractor or subcontractor under city or city-funded contracts.

The value of anything transferred in violation of these ethical standards shall be recoverable by the City from such person. All procedures under this section shall be in accord with due process requirements, included but not limited to a right to notice and hearing prior to imposition of any cancellation, suspension or debarment from being a Contractor or subcontractor under a city contract.

13. ADA Compliance. With regard to the services performed under this Agreement, Contractor will comply with all applicable requirements of the Americans with Disabilities Act, 42 U.S.C. § 12101, et seq., (“ADA”). Contractor agrees that it will defend, indemnify and hold the City harmless against any and all claims, demands, suits or causes of action which arise out of any negligent and/or intentional act or omission by Contractor, its employees, agents or representatives which violates the ADA. Contractor agrees that the City will not be responsible for any costs or expenses arising from Contractor’s failure to comply with the ADA.

14. Independent Contractor. Contractor and its agents and employees shall perform all work and render all services as an independent contractor; neither it nor its employees shall be considered employees, partners or agents of the City, nor shall it or its employees be entitled to any benefits, insurance, pension, or workers’ compensation as an employee of the City.

15. Assignment. The Contractor shall not assign or transfer any interest in this Agreement without obtaining the prior written approval of the City.

16. Subcontractors. Contractor shall not enter into a subcontract for any of the services performed under this Agreement without obtaining the prior written approval of the City.

17. Written Amendments. This Agreement may be modified only by a written amendment or addendum that has been executed and approved by the appropriate officials shown on the signature page of this Agreement.

18. Required Approvals. Neither Contractor nor the City is bound by this Agreement until it is approved by the appropriate officials shown on the signature page of this Agreement.

19. Article Captions. The captions appearing in this Agreement are for convenience only and are not a part of this Agreement; they do not in any way limit or amplify the provisions of this Agreement.

20. Severability. If any provision of this Agreement is determined to be unenforceable or invalid, such determination will not affect the validity of the other provisions contained in this Agreement. Failure to enforce any provision of this Agreement does not affect the rights of the parties to enforce such provision in another circumstance, nor does it affect the rights of the parties to enforce any other provision of this Agreement at any time.

21. Federal, State and Local Requirements. Contractor is responsible for full compliance with all applicable federal, state, and local laws, rules and regulations.

22. No Benefit for Third Parties. The services to be performed by the Contractor pursuant to this agreement with the City are intended solely for the benefit of the City, and no benefit is conferred hereby, nor is any contractual relationship established herewith, upon or with any person or entity not a party to this Agreement. No such person or entity shall be entitled to rely on the Contractor's performance of its services hereunder, and no right to assert a claim against the City or the contractor, its officers, employees, agents or contractors shall accrue to the

Contractor or to any subcontractors, independently retained professional consultant, supplier, fabricator, manufacturer, lender, tenant, insurer, surety or any other third party as a result of this Agreement or the performance or non-performance of the Contractor's services hereunder.

23. Non-Reliance of Parties. Parties explicitly agree that they have **not** relied upon any earlier or outside representations other than what has been included in this Agreement. Furthermore, neither party has been induced to enter into this Agreement by anything other than the specific written terms set forth herein.

24. Force Majeure. Neither party shall be liable to the other for any delay or failure to perform any of the services or obligations set forth in this Agreement due to causes beyond its reasonable control, and performance times shall be considered extended for a period of time equivalent to the time lost because of such delay plus a reasonable period of time to allow the parties to recommence performance of their respective obligations hereunder. Should a circumstance of force majeure last more than ninety (90) days, either party may by written notice to the other terminate this Agreement. The term "force majeure" as used herein shall mean the following: acts of God; strikes, lockouts or other industrial disturbances; acts of public enemies; orders or restraints of any kind of the government of the United States or of the State or any of their departments, agencies or officials, or any civil or military authority; insurrections, riots, landslides, earthquakes, fires, storms, tornadoes, droughts, floods, explosions, breakage or accident to machinery, transmission pipes or canals; or any other cause or event not reasonably within the control of either party.

25. EEO/AA. The City of Knoxville is an EEO/AA/Title VI/Section 504/ADA/ADEA Employer.

26. Governing Law and Venue. This Agreement will be governed and construed in accordance with the laws of the State of Tennessee. Any action for breach of this Agreement or to enforce or nullify any provision of this Agreement shall be instituted only in a court of appropriate jurisdiction in Knox County, Tennessee.

27. Entire Agreement. This Agreement forms the entire Agreement between the City and Contractor. Any prior representations, promises, agreements, oral or otherwise, between the parties, which are not embodied in this writing, will be of no force or effect.

IN WITNESS WHEREOF, the City and Contractor have executed this Agreement in two (2) copies as of the below-written date.

APPROVED AS TO FORM:

CITY OF KNOXVILLE

CHARLES W. SWANSON
LAW DIRECTOR

BY: _____
INDYA KINCANNON
MAYOR

DATE: _____

FUNDS CERTIFIED:

COMPANY

SUSAN A. GENNOE
FINANCE DIRECTOR

BY: _____

TITLE: _____

Required Documents:

Certificate of Insurance _____
Performance Bond _____
Payment Bond _____

INFORMATION FOR BIDDERS

Bids will be received by the City of Knoxville, Tennessee (Herein called the "Owner") by the Purchasing Division of the City of Knoxville, acting for the Mayor, in Room 667-674, City County Building, 400 Main Avenue, Knoxville, Tennessee, 37902 until **2:00:00 P.M. on March 4, 2021**, and then at said office publicly opened and read aloud. To attend the bid opening via Zoom, please follow the instructions below:

To Join **Bid Opening Zoom Meeting**, click here:

<https://us02web.zoom.us/j/84750205766?pwd=N0FNWGxtRmV2M21QUGxPWFVXaEF2UT09>

Meeting ID: 847 5020 5766

Passcode: 096764

One tap mobile

+13126266799,,84750205766#,,,,*096764# US (Chicago)

+19292056099,,84750205766#,,,,*096764# US (New York)

Dial by your location

+1 312 626 6799 US (Chicago)

+1 929 205 6099 US (New York)

+1 301 715 8592 US (Washington DC)

+1 346 248 7799 US (Houston)

+1 669 900 6833 US (San Jose)

+1 253 215 8782 US (Tacoma)

Meeting ID: 847 5020 5766

Passcode: 096764

Find your local number: <https://us02web.zoom.us/u/kCfQcL3qE>

Each Bid must be submitted in a sealed envelope, addressed to the Purchasing Division for the City of Knoxville; Room 667-674, City County Building; 400 Main Street; Knoxville, Tennessee 37902. If forwarded by mail, the sealed envelope containing the Bid must be enclosed in another envelope addressed to the Owner.

Alternatively, bids may also be submitted electronically through the City's Procurement website. **DO NOT EMAIL YOUR SUBMISSION.** All proposers must register as a vendor in order to submit an electronic file.

Step One: Register as a City of Knoxville vendor (Vendors are encouraged to complete this step now to ensure seamless submission process prior to deadline.)

To register as a vendor: Visit the website at www.knoxvilletn.gov/purchasing

Click the "Vendor Registration" tab; then "Click here to register as a City of Knoxville Vendor" Follow the prompts to complete online registration. Note: You will be asked for a PIN. This PIN will be emailed to you and may have been sent to your spam or junk folder. **DO NOT WAIT UNTIL SUBMISSION DEADLINE TO REGISTER AS A VENDOR.** The electronic submission link will be disabled at 11:00:00 a.m. Eastern time. Vendors will not have the ability to submit any electronic files once the deadline has passed and the City will accept no late submissions.

Step Two: Submit all materials electronically as two (2) files to City's Procurement website **PRIOR** to 2:00:00 p.m. (Eastern Time) on February 23, 2021.

SECTION 00.31.25
EXISTING BUILDING ASSESSMENT INFORMATION

PART 1 GENERAL

1.01 FORM OF EXISTING BUILDING ASSESSMENT INFORMATION

- A. Investigations have been performed at the project Site to determine the condition of the exterior building envelope for the Professional Office Building, Central Annex Building and Women's Pavilion. These investigations were conducted, and reports were prepared for design purposes and scope determination. The reports may be used to aid in bidding the project.

Construction activities may reveal materials or quantities other than those identified or assumed in the reports. Where readily discoverable or confirmable, such materials and quantities shall be included in the Work of the Contract. The Contractor shall be responsible for confirming the scope presented in the included reports:

1. Building Envelope Assessment, Professional Office Building, City of Knoxville Public Safety Complex, dated January 18, 2021, prepared by Roof Design and Consulting Services, Inc.
2. Building Envelope Assessment, Central Annex Building, City of Knoxville Public Safety Complex, dated October 23, 2020, prepared by Roof Design and Consulting Services, Inc.
3. Building Envelope Assessment, Women's Pavilion, City of Knoxville Public Safety Complex, dated October 23, 2020, prepared by Roof Design and Consulting Services, Inc.
4. Supplement to Building Envelope Assessment, dated February 23, 2021, prepared by Roof Design and Consulting Services, Inc.

The Owner and its representatives will only be held responsible for additional work (not included in the report or otherwise readily discoverable prior to when destructive testing is allowed to occur) and brought to the Owner's attention prior to removal or abatement.

- B. The use and interpretation of this information is entirely the responsibility of the using party. The Owner is not responsible for variations in the actual composition of existing materials. Bidders shall decide for themselves the character and quantities of the material to be encountered.
- C. Reports of the findings of these investigations are available for review from the Owner or Designer.

1.02 SCOPE OF THE WORK TO BE PERFORMED

- A. Refer to the Building Envelope Assessment, Professional Office Building, referenced above.
1. Refer to the Summary. The following items shall be included in the Base Bid for the project:
 - a. Item A.1 – all listed recommended repairs.
 - b. Item B.1 – all listed recommended repairs.
 - c. Item B.2 – all listed recommended repairs.
- B. Refer to the Supplement to Building Envelope Assessment, referenced above.
1. Women's Pavilion Assessment Notes: The following items shall be included in the Base Bid for the project.
 - a. Item 1 – Control Joints; all listed recommended repairs
 - b. Item 3 – EIFS; all listed recommended repairs
 - c. Item 4 – Precast Concrete Exterior Panels; all listed recommended repairs
 - d. Item 5 – Roofs; all listed recommended repairs
 - e. Item 6 – Brick; all listed recommended repairs
 - f. Item 7 – Perimeter Wall Voids; all listed recommended repairs. Contractor to assume entire perimeter must be sealed.
 2. Central Annex Assessment Notes: The following items shall be included in the Base Bid for the project.
 - a. Item 1 – Control Joints; all listed recommended repairs.
 - b. Item 2 – Window Sealant; all listed recommended repairs.
 - c. Item 3 – EIFS; all listed recommended repairs.
 - d. Item 4 – Precast Concrete Exterior Panels; all listed recommended repairs.

- e. Item 5 – Roofs; all listed recommended repairs.
 - g. Item 6 – Perimeter Wall Voids; all listed recommended repairs. Contractor to assume entire perimeter must be sealed.
 - h. Item 8 – Brick, all listed recommended repairs.
- C. Unit Prices
- 1. Provide unit prices in Section 01.22.00 and on the Bid Form for the following items:
 - a. Additional Mortar Joints – Vertical Surfaces
 - b. Additional Mortar Joints – Inclined Surfaces
 - c. Additional Brick Masonry Units
 - d. Additional Masonry Control Joints
- D. Mold Remediation Allowance: Refer to Section 01.21.13 – Allowances: Under Item J, provide mold treatment in the following manner:
- 1. Install polyethylene barriers to isolate the areas or materials to be remediated or demolished from non remediation areas.
 - 2. HEPA vacuum and/or use HEPA filtration to minimize dust and spores during work activities.
 - 3. Remove and dispose of water-damaged, structurally impacted materials as directed by the Designer.
 - 4. Although mold is not regulated by the EPA during demolition or disposal, workers who are sensitive to mold should avoid extended exposure to these areas without respiratory protection.
 - 5. During demolition, cleaning, and/or stabilization activities which may disturb or disperse mold spores, protect Contractor employees from exposures.
 - 6. Where gypsum sheathing has a small amount of surface mold growth but is structurally sound, treatment and surface cleaning methods may be used.
 - 7. Treat with EPA-approved disinfectants, biocides, sanitizing solutions, or fungicidal agents in accordance with the manufacturer's specifications and wipe down afterwards.
 - 8. Semi-porous unfinished wood materials should be HEPA-vacuumed and scrubbed with a brush and wood soap or detergent to remove surface mold.
 - 9. After treatment and cleaning, seal cleaned surfaces with mildew-resistant primer.

END OF SECTION 00.31.25

SUPPLEMENT TO BUILDING ENVELOPE ASSESSMENT
(REVISED 2-23-2021)

WOMEN'S PAVILION ASSESSMENT NOTES

1. **Control Joints** - Most control joints in EIFS, Concrete, and Brick Veneer are deteriorated and the sealant is no longer serviceable. It is recommended to clean and reseal all exterior control joints. Approximately 775 LF (masonry and EIFS); 720 LF (Concrete and Precast Concrete)
2. **Curtainwall** – Selected minor repairs will be required to repair inoperable units as well as damage to frames and hardware. Several glass panes were broken, and all windows will require thorough cleaning. All interior joints will require new sealant as new interior finishes are installed.
3. **EIFS**
 - (a) All exterior EIFS (Exterior Insulation and Finish System) surfaces are soiled and dirty. Water stains, atmospheric contamination, construction dust, physical damage, mildew and algae are widespread. Some damage is due to water leaks, but most damage appears to be due to construction activities. After repairs, it is recommended that all exterior EIFS surfaces be professionally cleaned using high water volume coupled with low water pressure and non-abrasive cleaners. Caustic chemicals or abrasive cleaning techniques must not be used which will permanently damage the finish. Manufacturer's cleaning requirements must be explicitly followed. (See attachment). Total EIFS exterior surface area is approximately 11,500 SF, including soffits and ceilings.

Approximately 575 SF EIFS surface was found damaged and is recommended for repair, including walls, soffits, beams, and ceilings.
 - (b) After cleaning, it is recommended that re-coating EIFS surfaces be considered to renew the finish, change the color, or apply water repellent. The appearance of areas which have to be physically repaired or replaced will not match the existing finish.

Approximately 11,500 SF of EIFS exterior surfaces is recommended for cleaning and recoating.
4. **Precast Concrete Exterior Panels** – Overall, the exterior precast concrete panels are in good condition. Minor cracking was found in isolated locations, with spalling at several corners and joints. Widespread iron or rust spots were observed on the surfaces, but none appeared to be structural deficiencies. The most serious damage was on the west elevation where one column and two panels were cracked, and reinforcement was exposed. Most control joint sealant has deteriorated, and it is recommended that all precast control joints be cleaned out and resealed. The deficiencies are primarily an aesthetic consideration; however, without repair, possible deterioration of the concrete and steel will continue to worsen. Therefore it is recommended that all defects be repaired instead of deferred. Approximately 76 SF of precast wall panels, column covers, and spandrels were found to have spalled, cracked or were damaged. Spot repairs or replacement are recommended.
5. **Roofs** - The roof systems are in fair to poor condition and, and it is recommended that the three smaller roof areas be completely reroofed. With recommended repairs, the lifespan of the main roof and penthouse roof may be extended for an additional 5 years. Recommended repairs include new wall flashing, remove and replace metal coping, and new flashing at all penetrations and curb supports. Since the existing drainage is no longer code-compliant, emergency overflow drainage must be upgraded. Total main and penthouse roof area is approximately 20,400 SF. Total roof area of three smaller roofs is approximately 1,250 SF.
6. **Brick** – Most brick veneer is in good overall condition with few cracked or broken units. The greatest area of concern is the southwest stair where the veneer and total wall is saturated. The source of the moisture is the scupper drain for the stair roof. (It is recommended that the stair be reroofed (see above) which will include new flashing, insulation, coverboard, coping, scuppers, conductor head and downspout.) This wall must be allowed to completely dry and be cleaned in order to ascertain what type of brick remediation is necessary, i.e. replacement, repointing, cleaning, etc.

Overall, approximately 42 brick units are found to be damaged or missing, and replacement is recommended. Approximately 440 LF of mortar joints were found to be deteriorated, and repointing is recommended. In addition, approximately 2,340 SF of brick surfaces are badly stained, discolored, or have efflorescence. Cleaning is recommended.

7. **Perimeter Wall Voids** - No draft barriers or fire stops between floors were observed at certain slab edges and exterior walls. Depending on the fire separation ratings between floor and roof slabs and the exterior walls, according to IBC, all voids may have to be filled to retard the passage of fire and hot gases. Re: *"715.1 General. Joints installed in or between fire-resistance rated walls, floor or floor/ceiling assemblies and roofs or roof/ceiling assemblies shall be protected by an approved fire-resistant joint system designed to resist the passage of fire for a time period not less than the required fire-resistance rating of the wall, floor or roof in or between which the system is installed."* It is recommended that the requirements for such barriers be verified.
8. **Exposed Steel Frame** – The overhead steel frame at the drive-through exhibited deteriorated finish and rust. Some sections of the frame are in contact with the precast concrete cladding and the EIFS wall and ceiling finishes, which also may require concurrent repair. It is recommended that the steel be refinished, including mechanical finish cleaning and preparation and new paint.

CENTRAL ANNEX ASSESSMENT NOTES

1. **Control Joints** - Most control joints in EIFS and Precast Concrete are deteriorated and the sealant is no longer serviceable. It is recommended to clean and reseal all exterior control joints in brick masonry, precast cladding, concrete, coping, and EIFS. Approximately 600 LF.
2. **Window Sealant** – Most exterior sealant around window perimeters appears satisfactory, however, it is showing signs of aging with chalking and brittleness. It is recommended that all perimeter window joints be cleaned and resealed within the next 1 to 3 years. Selected repairs will be required immediately as other adjacent building materials are repaired or installed. Several glass panes were broken and all windows will require thorough cleaning. All interior joints will require new sealant.
3. **EIFS**
 - (a) All exterior EIFS (Exterior Insulation and Finish System) surfaces are soiled and dirty. Water stains, atmospheric contamination, construction dust, physical damage, mildew and algae are widespread. Some damage is due to other deficiencies such as poor drainage, which must first be corrected before EIFS work may be started. It is recommended that all exterior EIFS surface be professionally cleaned using high water volume coupled with low-water pressure and non-abrasive cleaners. Caustic chemicals or abrasive cleaning techniques must not be used which will permanently damage the finish. Manufacturer's cleaning requirements must be explicitly followed. (See attachment). Total EIFS exterior surface area is approximately 20,000 SF.

Approximately 355 SF EIFS surface was found damaged and is recommended for repair, including walls, soffits, beams, and ceilings.
 - (b) After cleaning, it is recommended that re-coating EIFS surfaces be considered to renew the finish, change the color, or apply water repellent. The appearance of areas which have to be physically repaired or replaced will not match the existing finish.

Approximately 20,000 SF of EIFS exterior surfaces is recommended for cleaning and recoating.
 - (c) Replacement of any sidewall flashing necessary for reroofing is recommended to include new through-wall flashing installed behind the EIFS insulation. This will require removal and reinstallation of a portion of the EIFS continuously along the top of the flashing. This also is necessary to install 2-piece counterflashing which is recommended for the new roof systems.
4. **Precast Concrete Exterior Panels** – Overall the exterior precast concrete panels are in good condition. Minor cracking was found in isolated locations, with spalling at several corners and joints. The most serious damage was on the south elevation where several fascia and parapet panels were cracked and joints were open, including coping joints. Most control joint sealant has deteriorated, and it is recommended that all precast control joints be cleaned out and resealed.

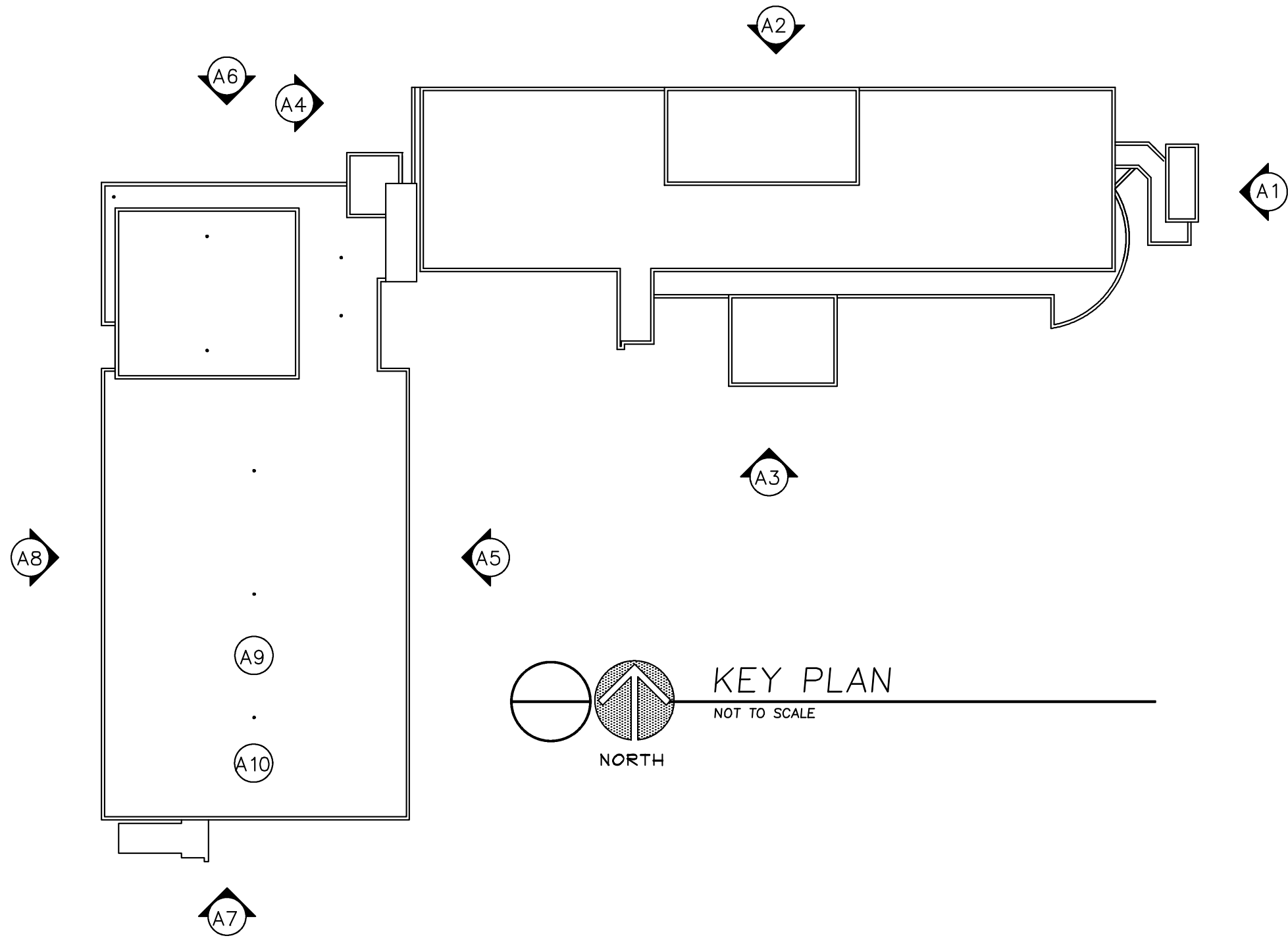
The deficiencies are primarily an aesthetic consideration; however, without repair, possible deterioration of the concrete and steel will continue to worsen. Therefore it is recommended that all defects be repaired instead of deferred. Approximately 45 SF of precast wall panels, column covers, and spandrels were found to have spalled, cracked or were damaged. Spot repairs or replacement are recommended.

5. **Roofs** - The roof systems are in poor condition and, and it is recommended that all seven roof areas be completely reroofed. Drainage is no longer code-compliant and must be upgraded, including new additional emergency overflow drainage. The existing insulation does not meet current Energy Code requirements and improvements also are necessary for adequate runoff. Reroofing is recommended to include full tearoff, new insulation, coverboard, wall flashing, and new metal coping. Total roof area is approximately 17,700 SF.

6. **Perimeter Wall Voids** - No draft barriers or fire stops between floors were observed along slab edges and exterior walls. Depending on the fire separation ratings between floor and roof slabs and the exterior walls, according to IBC, all voids may have to be filled to retard the passage of fire and hot gases. Re: *"715.1 General. Joints installed in or between fire-resistance rated walls, floor or floor/ceiling assemblies and roofs or roof/ceiling assemblies shall be protected by an approved fire-resistant joint system designed to resist the passage of fire for a time period not less than the required fire-resistance rating of the wall, floor or roof in or between which the system is installed."* It is recommended that the requirements for such barriers be verified.

7. **Exposed Steel Frame** – The overhead steel frame at the south LL2 pedestrian entrance exhibited significant deteriorated finish and rust. Some sections of the frame are in contact with the precast concrete cladding and the EIFS wall and ceiling finishes, which also may require concurrent repair. It is recommended that the steel be refinished, including mechanical finish cleaning and preparation and new paint.

8. **Brick** – Most brick veneer is in good overall condition with few cracked or broken units. Approximately 180 brick units were found to be damaged, missing, and where replacement will be required. Approximately 120 LF of mortar joints were found to be deteriorated, and repointing is recommended. In addition, approximately 1,600 SF of brick surfaces are stained or exhibit efflorescence. Cleaning is recommended.







DATE
9/24/2020
DWG. NO.
KEY

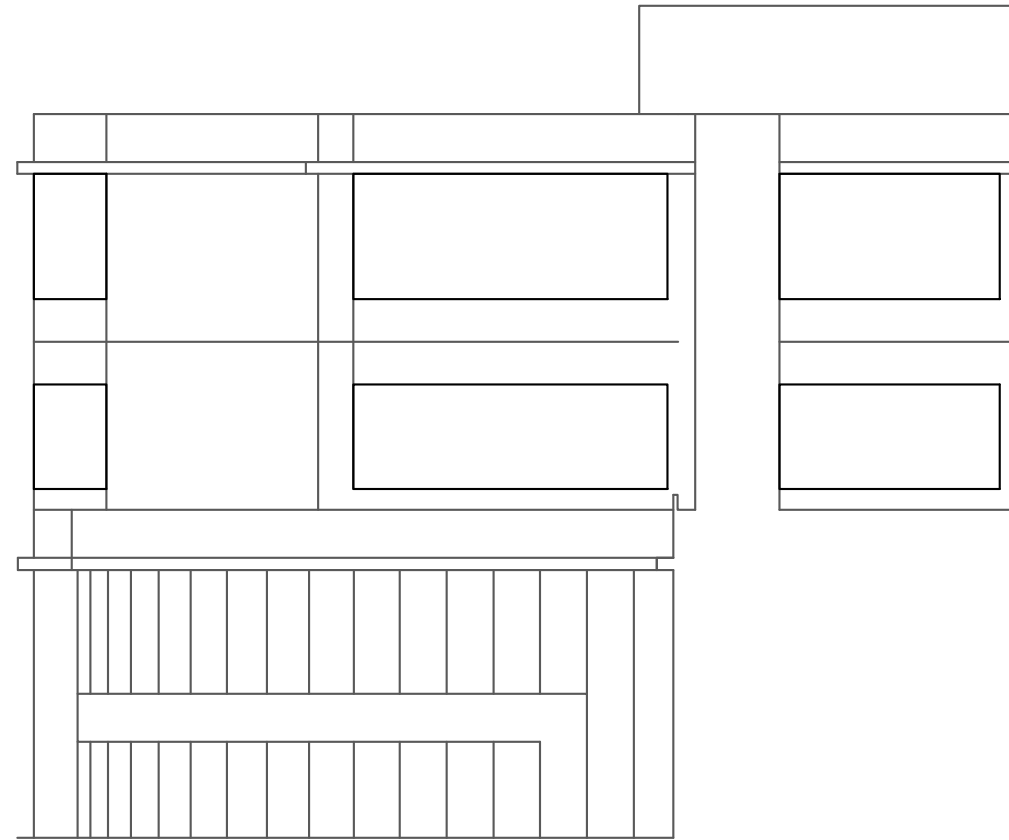
ROOF DESIGN & CONSULTING SERVICES INC.
ROOF CONSULTANTS AND ARCHITECTS

CITY OF KNOXVILLE PUBLIC SAFETY
900 OAK HILL AVENUE
KNOXVILLE, TN
KEY PLAN

INSPECTION
AND
EVALUATION
PROJECT NO. 20-04-01

LEGEND OF DAMAGE	
	AREA OF EIFS DAMAGE (SF)
	AREA OF PRECAST SPALL, BROKEN, CRACKS (SF)
	LENGTH OF MORTAR JOINT DAMAGED (LF)
	NUMBER OF BRICKS DAMAGED (NO.)

* NOT INCLUDING MASONRY, PRECAST, OR EIFS CONTROL JOINTS



EAST ELEVATION CENTRAL ANNEX
 NOT TO SCALE
 DO NOT SCALE DRAWING



ROOF DESIGN & CONSULTING SERVICES INC.
 ROOF CONSULTANTS AND ARCHITECTS

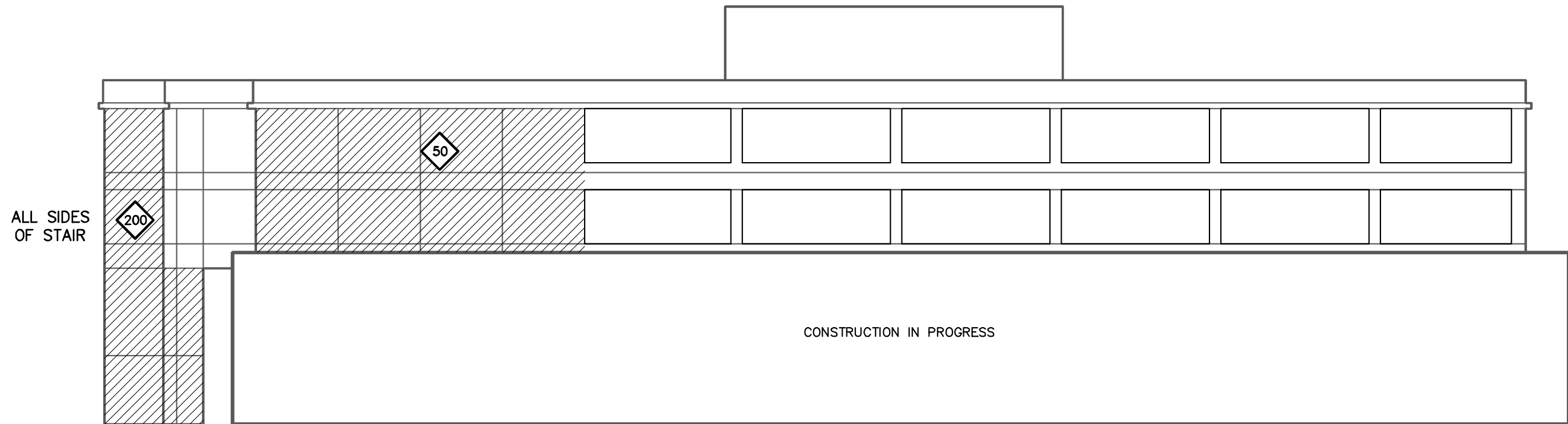
CITY OF KNOXVILLE PUBLIC SAFETY
 900 OAK HILL AVENUE
 KNOXVILLE, TN
 ELEVATION - EAST ANNEX

INSPECTION
 AND
 EVALUATION
 PROJECT NO. 20-04-01

DATE 2/23/2021
 DWG. NO. A1

LEGEND OF DAMAGE	
	AREA OF EIFS DAMAGE (SF)
	AREA OF PRECAST SPALL, BROKEN, CRACKS (SF)
	LENGTH OF MORTAR JOINT DAMAGED (LF)
	NUMBER OF BRICKS DAMAGED (NO.)

* NOT INCLUDING MASONRY, PRECAST, OR EIFS CONTROL JOINTS



NORTH ELEVATION – CENTRAL ANNEX
 NOT TO SCALE
 DO NOT SCALE DRAWING

DATE 2/23/2021
 DWG. NO. A2

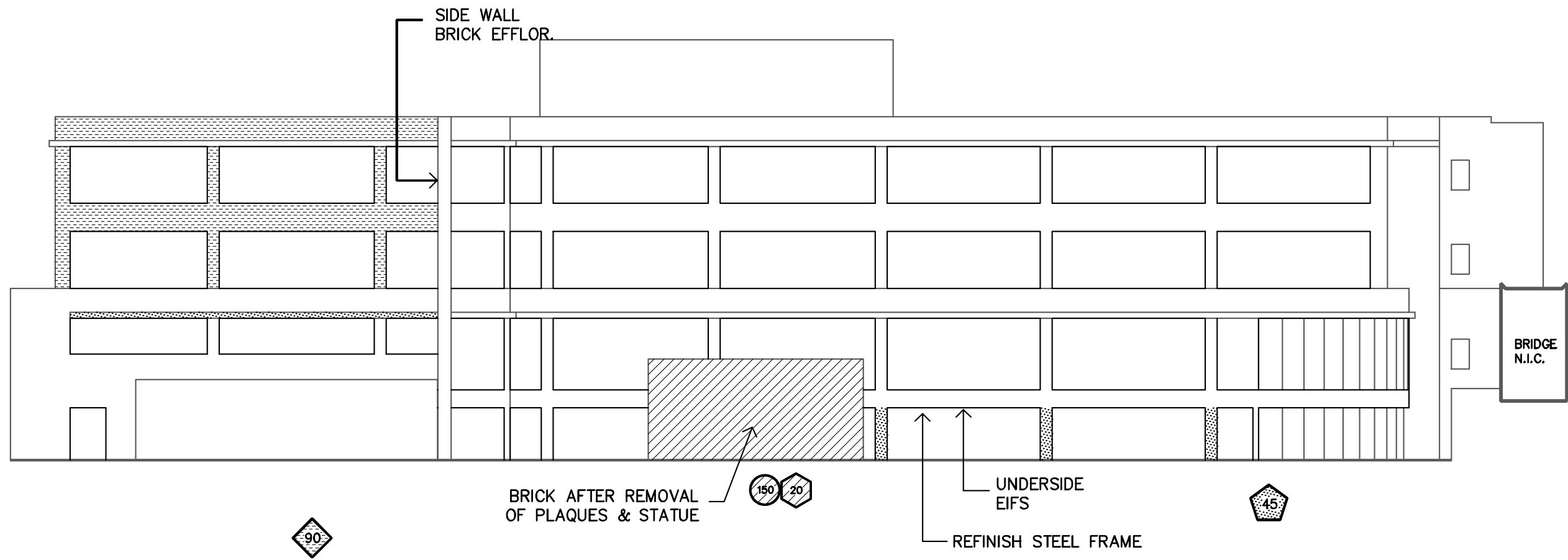


CITY OF KNOXVILLE PUBLIC SAFETY
 900 OAK HILL AVENUE
 KNOXVILLE, TN
 ELEVATION – NORTH ANNEX

INSPECTION
 AND
 EVALUATION
 PROJECT NO. 20-04-01

LEGEND OF DAMAGE	
	AREA OF EIFS DAMAGE (SF)
	AREA OF PRECAST SPALL, BROKEN, CRACKS (SF)
	LENGTH OF MORTAR JOINT DAMAGED (LF)
	NUMBER OF BRICKS DAMAGED (NO.)

* NOT INCLUDING MASONRY, PRECAST, OR EIFS CONTROL JOINTS







SOUTH ELEVATION - CENTRAL ANNEX
 NOT TO SCALE
 DO NOT SCALE DRAWING

DATE: 2/23/2021
 DWG. NO.: A3

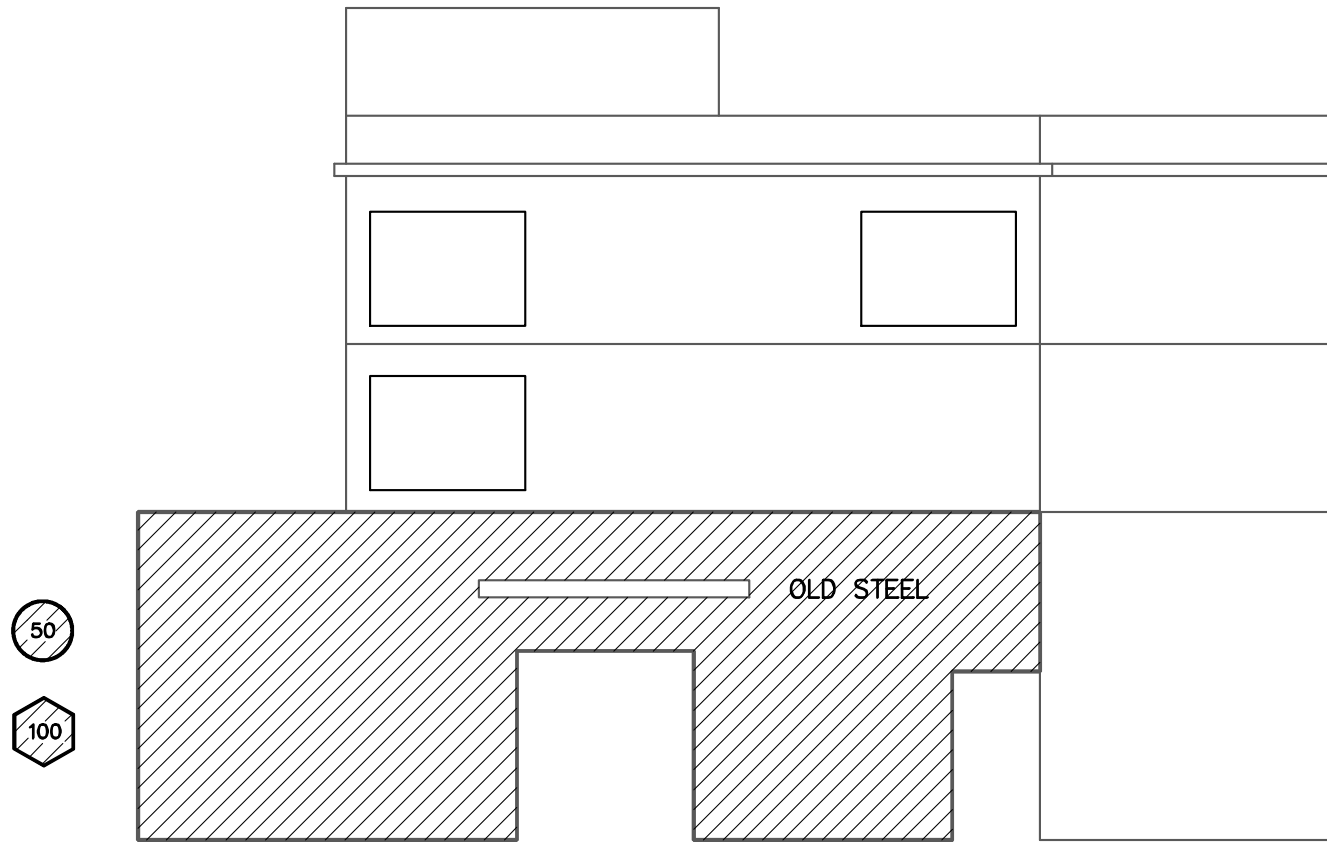


CITY OF KNOXVILLE PUBLIC SAFETY
 900 OAK HILL AVENUE
 KNOXVILLE, TN
 ELEVATION - SOUTH ANNEX

INSPECTION AND EVALUATION
 PROJECT NO. 20-04-01

LEGEND OF DAMAGE	
	AREA OF EIFS DAMAGE (SF)
	AREA OF PRECAST SPALL, BROKEN, CRACKS (SF)
	LENGTH OF MORTAR JOINT DAMAGED (LF)
	NUMBER OF BRICKS DAMAGED (NO.)

* NOT INCLUDING MASONRY, PRECAST, OR EIFS CONTROL JOINTS



ELEVATION – PARTIAL WEST ANNEX
 NOT TO SCALE
 DO NOT SCALE DRAWING

DATE 2/23/2021
 DWG. NO. A4

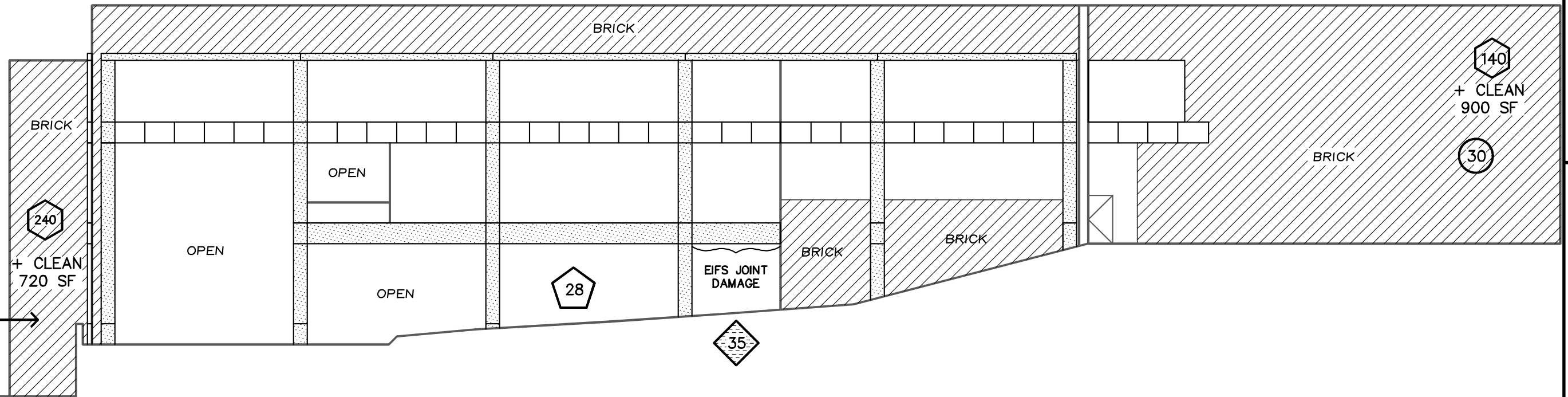

 ROOF DESIGN & CONSULTING SERVICES INC.
 ROOF CONSULTANTS AND ARCHITECTS

CITY OF KNOXVILLE PUBLIC SAFETY
 900 OAK HILL AVENUE
 KNOXVILLE, TN
 ELEVATION – WEST ANNEX

INSPECTION
 AND
 EVALUATION
 PROJECT NO. 20-04-01

LEGEND OF DAMAGE	
	AREA OF EIFS DAMAGE (SF)
	AREA OF PRECAST SPALL, BROKEN, CRACKS (SF)
	LENGTH OF MORTAR JOINT DAMAGED (LF)
	NUMBER OF BRICKS DAMAGED (NO.)

* NOT INCLUDING MASONRY, PRECAST, OR EIFS CONTROL JOINTS



* NOTE
 → CLEAN 720 SF
 INSIDE STAIR

EAST ELEVATION PAVILION
 NOT TO SCALE
 DO NOT SCALE DRAWING





DATE 2/23/2021
 DWG. NO. A5

ROOF DESIGN & CONSULTING SERVICES INC.
 ROOF CONSULTANTS AND ARCHITECTS

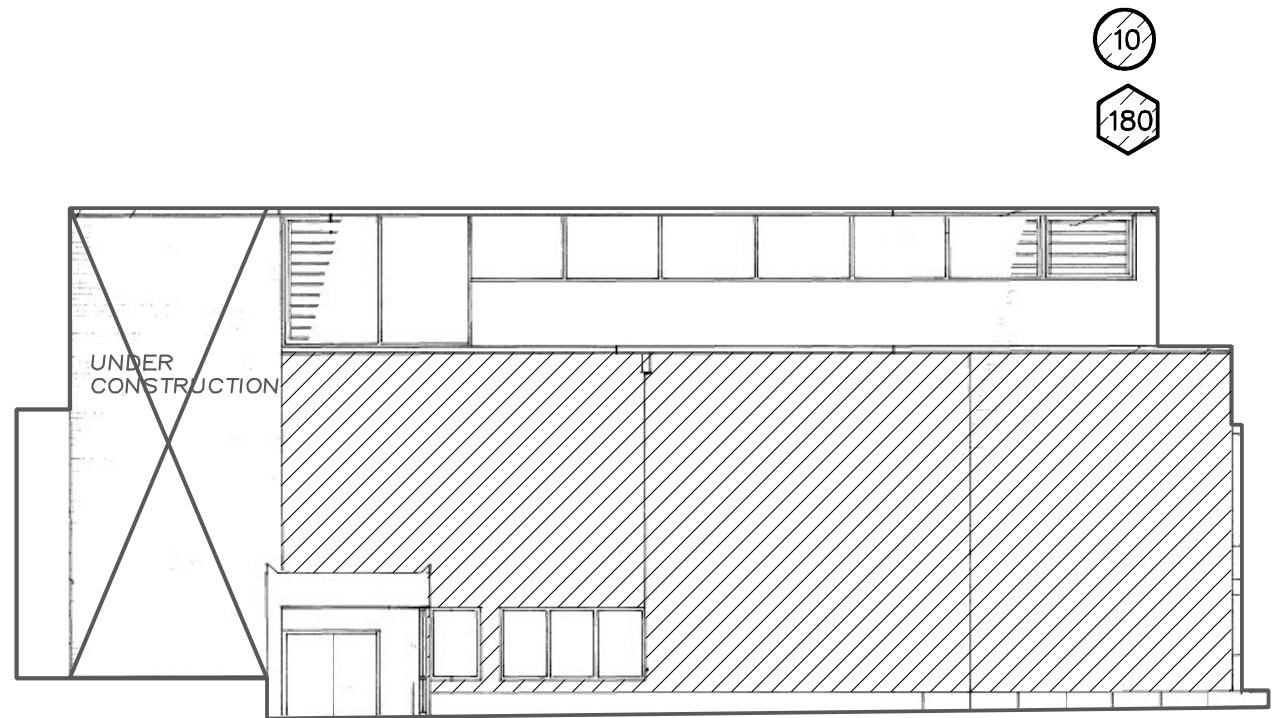


CITY OF KNOXVILLE PUBLIC SAFETY
 900 OAK HILL AVENUE
 KNOXVILLE, TN
 ELEVATION - EAST PAVILION

INSPECTION
 AND
 EVALUATION
 PROJECT NO. 20-04-01

LEGEND OF DAMAGE	
	AREA OF EIFS DAMAGE (SF)
	AREA OF PRECAST SPALL, BROKEN, CRACKS (SF)
	LENGTH OF MORTAR JOINT DAMAGED (LF)
	NUMBER OF BRICKS DAMAGED (NO.)

* NOT INCLUDING MASONRY, PRECAST, OR EIFS CONTROL JOINTS



NORTH ELEVATION- WOMENS PAVILION

NOT TO SCALE
DO NOT SCALE DRAWING

DATE 2/23/2021
DWG. NO. A6

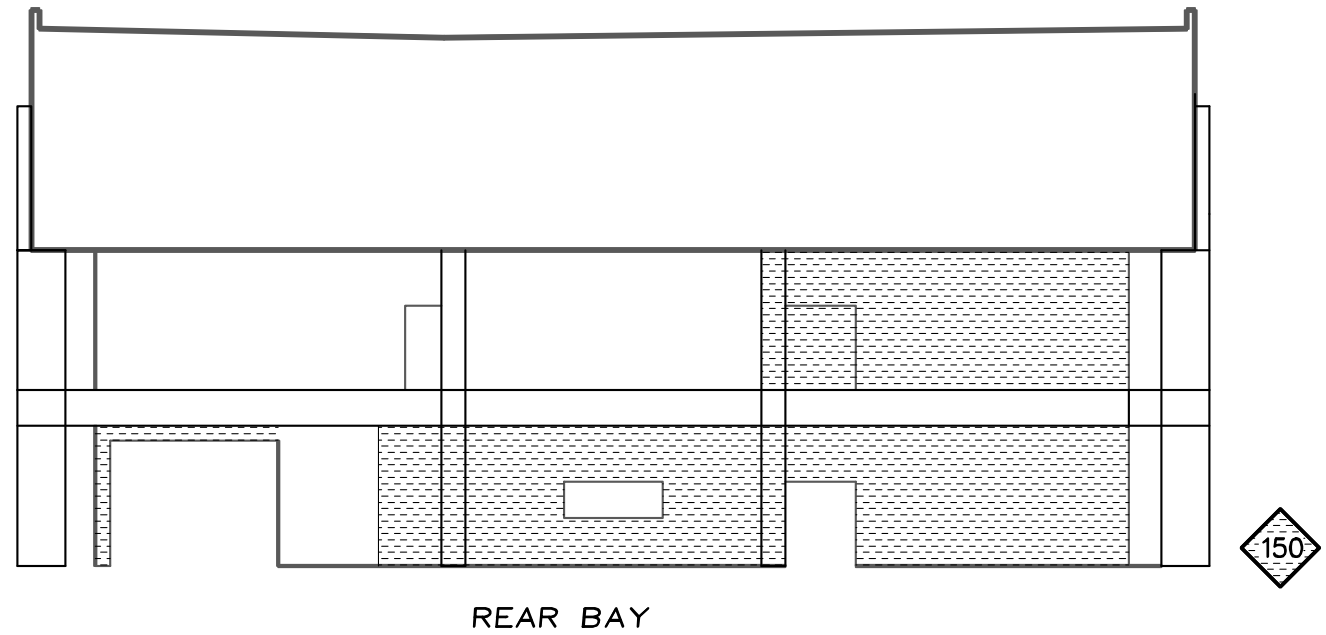

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ROOF CONSULTANTS AND ARCHITECTS

CITY OF KNOXVILLE PUBLIC SAFETY
900 OAK HILL AVENUE
KNOXVILLE, TN
ELEVATION - NORTH PAVILION

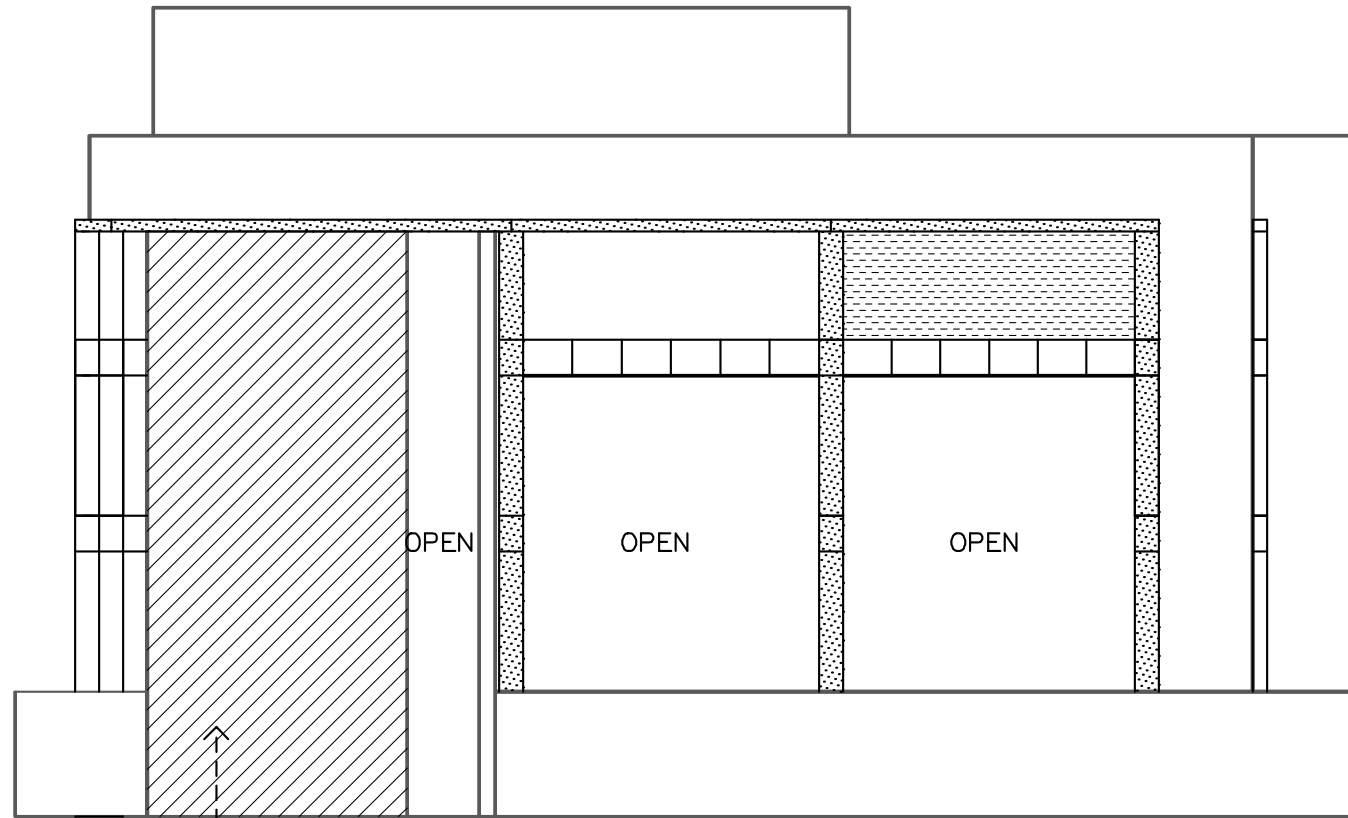
INSPECTION
AND
EVALUATION
PROJECT NO. 20-04-01

LEGEND OF DAMAGE	
	AREA OF EIFS DAMAGE (SF)
	AREA OF PRECAST SPALL, BROKEN, CRACKS (SF)
	LENGTH OF MORTAR JOINT DAMAGED (LF)
	NUMBER OF BRICKS DAMAGED (NO.)

* NOT INCLUDING MASONRY, PRECAST, OR EIFS CONTROL JOINTS



SOUTH ELEVATION PAVILION @ DRIVE-THRU
 NOT TO SCALE
 DO NOT SCALE DRAWING



SOUTH ELEVATION PAVILION
 NOT TO SCALE
 DO NOT SCALE DRAWING

DATE 2/23/2021
 DWG. NO. A7

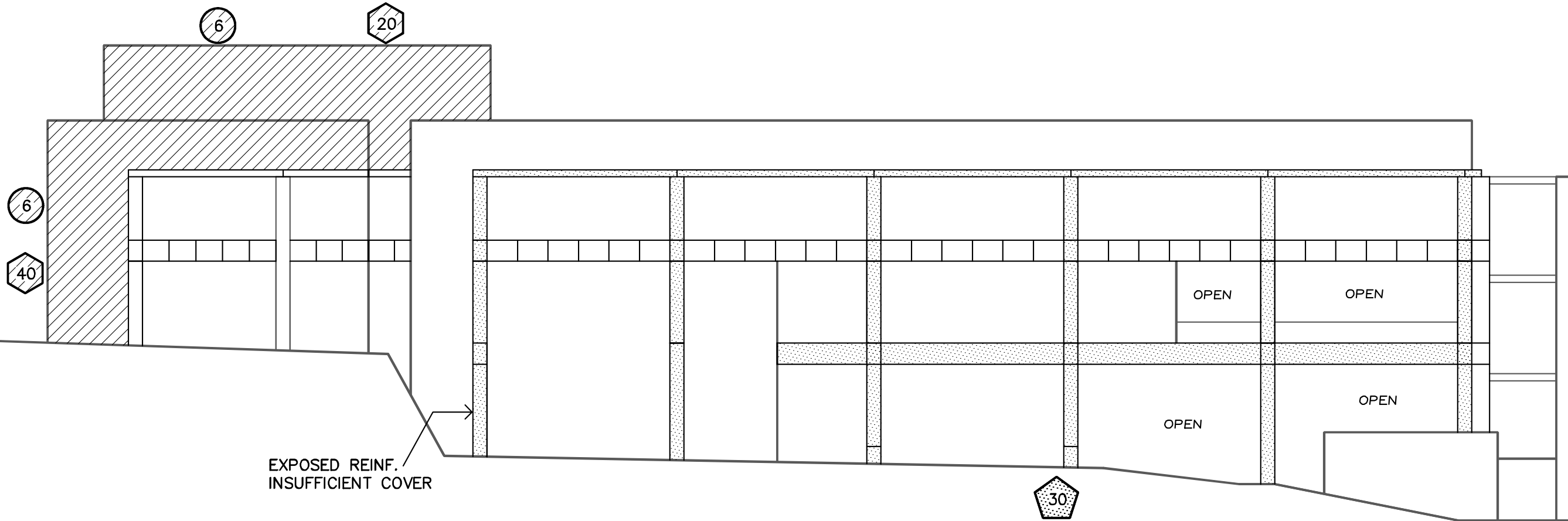
ROOF DESIGN & CONSULTING SERVICES INC.
 ROOF CONSULTANTS AND ARCHITECTS

CITY OF KNOXVILLE PUBLIC SAFETY
 900 OAK HILL AVENUE
 KNOXVILLE, TN
 ELEVATION - SOUTH PAVILION

INSPECTION
 AND
 EVALUATION
 PROJECT NO. 20-04-01

LEGEND OF DAMAGE	
	AREA OF EIFS DAMAGE (SF)
	AREA OF PRECAST SPALL, BROKEN, CRACKS (SF)
	LENGTH OF MORTAR JOINT DAMAGED (LF)
	NUMBER OF BRICKS DAMAGED (NO.)

* NOT INCLUDING MASONRY, PRECAST, OR EIFS CONTROL JOINTS



WEST ELEVATION PAVILION
 NOT TO SCALE
 DO NOT SCALE DRAWING

DATE 2/23/2021
 DWG. NO. A8

ROOF DESIGN & CONSULTING SERVICES INC.
 ROOF CONSULTANTS AND ARCHITECTS

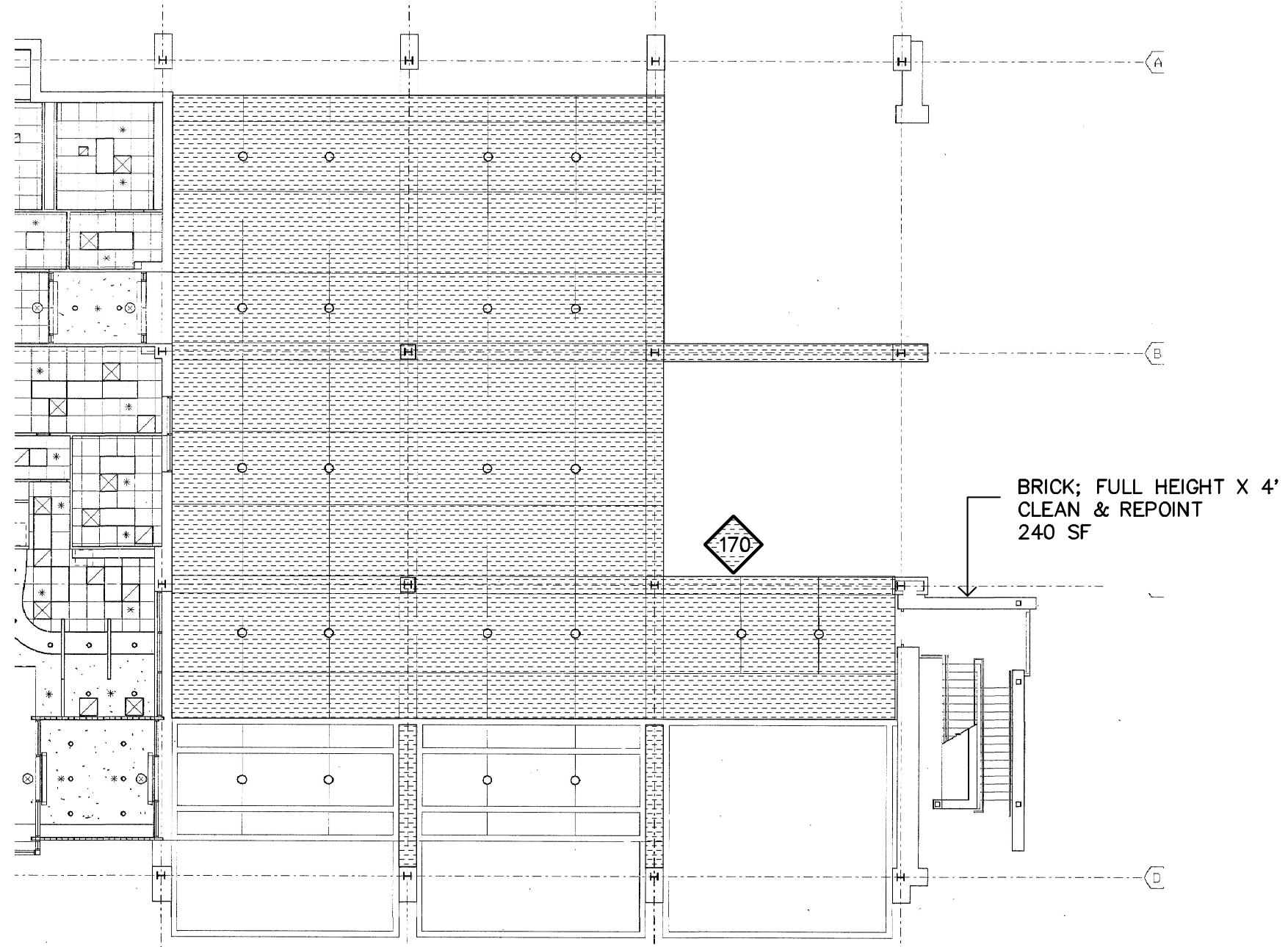
CITY OF KNOXVILLE PUBLIC SAFETY
 900 OAK HILL AVENUE
 KNOXVILLE, TN
 ELEVATION - WEST PAVILION

INSPECTION
 AND
 EVALUATION
 PROJECT NO. 20-04-01

LEGEND OF DAMAGE

	AREA OF EIFS DAMAGE (SF)
	AREA OF PRECAST SPALL, BROKEN, CRACKS (SF)
	LENGTH OF MORTAR JOINT DAMAGED (LF)
	NUMBER OF BRICKS DAMAGED (NO.)

* NOT INCLUDING MASONRY, PRECAST, OR EIFS CONTROL JOINTS







1ST FLOOR REFLECTED CEILING PLAN
 NOT TO SCALE
 DO NOT SCALE DRAWING

DATE 2/23/2021
 DWG. NO. A9

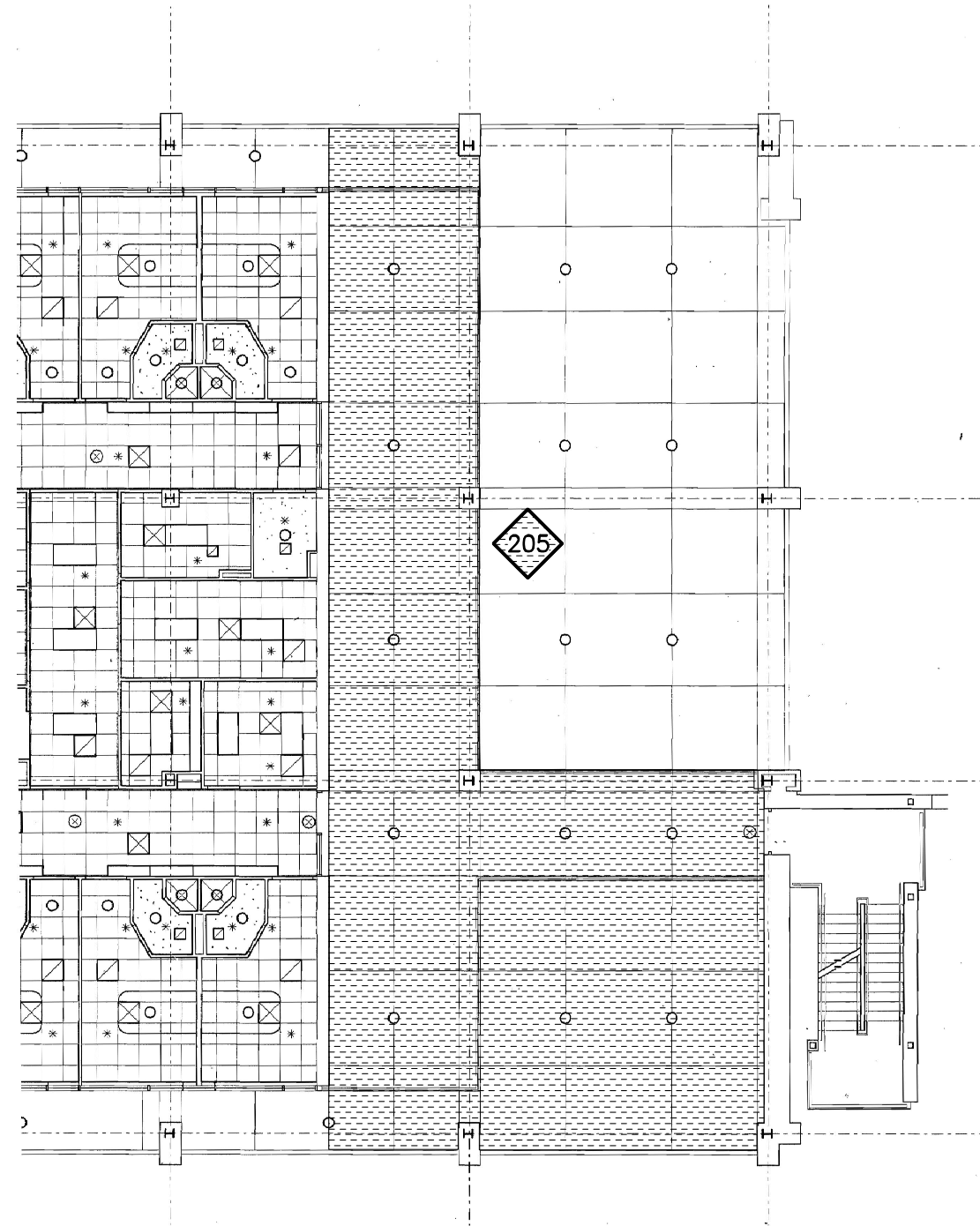
ROOF DESIGN & CONSULTING SERVICES INC.
 ROOF CONSULTANTS AND ARCHITECTS

CITY OF KNOXVILLE PUBLIC SAFETY
 900 OAK HILL AVENUE
 KNOXVILLE, TN
 REFLECTED CEILING PLAN - PAVILLION 1ST FLOOR


INSPECTION AND EVALUATION
 PROJECT NO. 20-04-01

LEGEND OF DAMAGE	
	AREA OF EIFS DAMAGE (SF)
	AREA OF PRECAST SPALL, BROKEN, CRACKS (SF)
	LENGTH OF MORTAR JOINT DAMAGED (LF)
	NUMBER OF BRICKS DAMAGED (NO.)

* NOT INCLUDING MASONRY, PRECAST, OR EIFS CONTROL JOINTS



2ND FLOOR REFLECTED CEILING PLAN
 NOT TO SCALE
 DO NOT SCALE DRAWING

 ROOF DESIGN & CONSULTING SERVICES INC. <small>ROOF CONSULTANTS AND ARCHITECTS</small>	DATE: 2/23/2021 DWG. NO.: A10
	CITY OF KNOXVILLE PUBLIC SAFETY 900 OAK HILL AVENUE KNOXVILLE, TN REFLECTED CEILING PLAN - PAVILLION 2ND FLOOR
INSPECTION AND EVALUATION PROJECT NO. 20-04-01	

SECTION 00.41.00
BID FORM

PART 1 GENERAL

1.01 TO: CITY OF KNOXVILLE

1.02 FOR: PUBLIC SAFETY COMPLEX – BID PACKAGE 03.1

1.03 DATE: _____ (BIDDER TO ENTER DATE)

1.04 SUBMITTED BY: (BIDDER TO ENTER NAME AND ADDRESS)

A. Bidder's Full Name _____

1. Address _____

2. City, State, Zip _____

1.05 OFFER

A. Having examined the Place of The Work and all matters referred to in the Instructions to Bidders and the Contract Documents prepared by McCarty Holsaple McCarty for the above mentioned project, we, the undersigned, hereby offer to enter into a Contract to perform the Work for the Sum of:

B. For Bid Package 3.1: _____ dollars
(\$ _____), in lawful money of the United States of America.

C. For Bid Package 4.1: _____ dollars
(\$ _____), in lawful money of the United States of America.

D. For Bid Package 5.1: _____ dollars
(\$ _____), in lawful money of the United States of America.

E. We have included the required security deposit as required by the Instruction to Bidders.

F. We have included the required performance assurance bonds in the Bid Amount as required by the Instructions to Bidders.

G. All applicable Federal, State and Local taxes are included in the Bid Sum.

H. All Cash and Contingency Allowances described in Section 01.21.13 - Allowances are included in the Bid Sum.

1.06 ACCEPTANCE

A. This offer shall be open to acceptance and is irrevocable for sixty days from the bid closing date.

B. If this bid is accepted by Owner within the time period stated above, we will:
1. Execute the Agreement within seven days of receipt of Notice of Award.
2. Furnish the required bonds within seven days of receipt of Notice of Award.
3. Commence work within seven days after written Notice to Proceed of this bid.

C. If this bid is accepted within the time stated, and we fail to commence the Work or we fail to provide the required Bond(s), the security deposit shall be forfeited as damages to Owner by reason of our failure, limited in amount to the lesser of the face value of the security deposit or the difference between this bid and the bid upon which a Contract is signed.

D. In the event our bid is not accepted within the time stated above, the required security deposit shall be returned to the undersigned, in accordance with the provisions of the Instructions to Bidders; unless a mutually satisfactory arrangement is made for its retention and validity for an extended period of time.

1.07 CONTRACT TIME

- A. If this Bid is accepted, the Work shall be completed by August 12, 2022. Work continuing after this date will be subject to Liquidated Damages.

1.08 ALTERNATES

- A. Alternate No. 1: Removal of Firing Range from Project Scope
a. Deduct _____ (\$ _____)
- B. Alternate No. 2: Pre-engineered Firing Range.
a. Deduct _____ (\$ _____)
- C. Alternate No. 3: Hydrostop Coating on Central Annex roof.
a. Deduct _____ (\$ _____)
- D. Alternate No. 4: Hydrostop Coating on Women's Pavilion roof.
a. Deduct _____ (\$ _____)
- E. Alternate No. 5: Removal of finish out of Police Academy Suite.
a. Deduct _____ (\$ _____)
- F. Alternate No. 6: Removal of finish out of Pension Suite.
a. Deduct _____ (\$ _____)
- G. Alternate No. 7: Removal second vehicle processing garage.
a. Deduct _____ (\$ _____)

1.09 UNIT PRICES

- A. The following are Unit Prices for specific portions of the Work as listed.
- B. Item Description:
1. Interior Signage - Supply and install additional Sign Type D. \$ _____ /sign.
 2. Interior Signage - Supply and install additional Sign Type E. \$ _____ /sign.
 3. Interior Signage - Supply and install additional Sign Type F. \$ _____ /sign.
 4. Rock Excavation – Open; in open excavation, removal from site and legal disposal of unsuitable material. \$ _____ /CY
 5. Rock Excavation - Trenches; in trenches and pits, removal from site and legal disposal of unsuitable material. \$ _____ /CY
 6. Unsuitable Soil; Excavation beyond indicated subgrade elevations due to unsuitable subgrade conditions, removal from site and legal disposal of unsuitable material. \$ _____ /CY
 7. Borrow Material as Fill; Procurement, hauling, placement and compaction of off- site borrow soil material, acceptable for use as fill. \$ _____ /CY
 8. Excavation of Unsuitable Soil, Relocation and Compaction On-site; Excavation beyond indicated subgrade elevations due to unsuitable subgrade conditions, relocation and compaction on-site. \$ _____ /CY
 9. Compacted Granular Fill: Procurement, hauling, placement of off-site granular fill material, acceptable for use as fill in excess of indicated of reasonably inferred quantities \$ _____ /Ton.
 10. Additional Footing Concrete/Flowable Fill; Procurement, hauling, placement of additional footing concrete, when required to address field conditions. \$ _____ /CY
 11. Additional Mortar Joints – Vertical Surfaces: Repointing of mortar joints on vertical exterior wall surfaces. \$ _____ /10 lineal feet.
 12. Additional Mortar Joints – Inclined Surfaces: Repointing of mortar joints on vertical exterior wall surfaces. \$ _____ /10 lineal feet.
 13. Additional Brick Masonry Units: Removal and replacement of brick masonry units. \$ _____ /20 brick.
 14. Additional Masonry Control Joint: Cleaning and resealing of exterior masonry control joints. \$ _____ /10 lineal feet.

15. Additional Replacement of Exterior Sheathing: Removal and replacement of exterior sheathing behind brick veneer. \$ _____/100 square feet.

16. Additional Mold Removal from Exterior Sheathing: Mold removal on exterior sheathing that is accessible from the interior of the building. \$ _____/100 square feet.

1.10 CHANGES TO THE WORK

- A. When the Architect establishes that the method of valuation for Changes in the Work will be net cost plus a percentage fee in accordance with General Conditions, our percentage fee will be:
1. _____ percent overhead and profit on the net cost of our own Work;
 2. _____ percent on the cost of work done by any Subcontractor.

1.11 ADDENDA

- A. The following Addenda have been received. The modifications to the Bid Documents noted below have been considered and all costs are included in the Bid Sum.
1. Addendum # _____ Dated _____
 2. Addendum # _____ Dated _____
 3. Addendum # _____ Dated _____
 4. Addendum # _____ Dated _____
 5. Addendum # _____ Dated _____

1.11 BID FORM SUPPLEMENTS

- A. The required Supplements are attached to this Bid Form and are considered an integral part of this Bid Form.

1.12 BID FORM SIGNATURES

- A. Bidder (print the full name of your firm)

was hereunto affixed in the presence of:

- B. _____
(Authorized signing officer, Title)

- C. _____
(Authorized signing officer, Title)

1.13 IF THE BID IS A JOINT VENTURE OR PARTNERSHIP, ADD ADDITIONAL FORMS OF EXECUTION FOR EACH MEMBER OF THE JOINT VENTURE IN THE APPROPRIATE FORM OR FORMS AS ABOVE.

END OF SECTION 00.41.13

**SECTION 01.21.13
ALLOWANCES**

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Cash Allowances for Work to be provided and installed by the Contractor. All Allowances shall be included in the Contract Sum on Line 1.01.D.1 of the Bid Form.

1.02 ALLOWANCES SCHEDULE

- A. Provide an allowance of \$1,300,000 for the procurement and placement of backfill, described in previously issued Bid Package 02, to be performed by a subcontractor named by the City of Knoxville.
 - 1. Refer to Sheet C000 for additional information.
- B. Provide an allowance of \$100,000 for the completion of building demolition **and associated tieback anchor shoring**, described in previously issued Bid Package 02, to be performed by a subcontractor named by the City of Knoxville.
- C. Provide an allowance of \$500,000 to be used as an Owner's Contingency.
- D. Provide an allowance of \$3,000 for the design, fabrication and installation of a bronze project plaque, to be placed at the main entrance of the building. Refer to Section 10.14.00 – Signage.
- E. Provide an allowance of \$23,000 for the purchase and installation of fuel oil used in testing of emergency generator equipment and to provide a full tank of fuel oil in the emergency generators at the end of the project. Refer to Remark #4 on Sheet M005.
- F. Provide an allowance for 1,000 lineal feet of 6" depth, 14 foot high metal studs to replace existing metal studs damaged during previous demolition. The cost should include top and bottom track with studs spaced 16 o.c. Refer to structural drawings for the appropriate stud gauge.
- G. Provide an allowance for filling 1800 holes, between 2 and 12 inches in diameter, thru existing concrete slabs. Refer to Section 09.05.61 and Detail 23 on Sheet S220 for additional information.
- H. **Provide an allowance of \$110,000 for Aid to Construction for public utility connection/tap fees and meters installed by KUB.**
- I. **Provide an allowance for the removal of 2000 sf of exterior elevated brick at POB, removal of damaged sheathing, installation of new sheathing and fluid applied weather barrier and reinstallation of brick.**
- J. **Provide an allowance for the treatment of 5000 sf of mold on exterior sheathing in the POB that is accessible from the interior of the building. Refer to Section 00.31.25 – Existing Building Assessment Information, Paragraph 2.02.D for additional information.**

PART 2 PRODUCTS – NOT USED

PART 3 EXECUTION – NOT USED

END OF SECTION 01.21.13

SECTION 01.22.00
UNIT PRICES

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. List of unit prices, for use in preparing Bids.
- B. Measurement and payment criteria applicable to Work performed under a unit price payment method.

1.02 RELATED REQUIREMENTS

- A. Section 10.14.00 - Signage
- B. Section 31.10.00 – Site Clearing
- C. Section 31.20.00 – Earth Moving
- D. Section 31.23.33 – Trenching and Backfilling
- E. Section 04.01.00 – Masonry Restoration

1.03 DESCRIPTION OF THE WORK

- A. This section specifies unit prices to be included in the Contract Sum. A unit price is an amount proposed by Bidders and stated on the Bid Form as a price per unit of measurement for materials or services that will be added to or deducted from the Contract Sum by Change Order in the event the estimated quantities of Work required by the Contract Documents are increased or decreased.

1.04 COSTS INCLUDED

- A. Unit Prices included on the Bid Form shall include full compensation for all required labor, products, tools, equipment, plant, transportation, services and incidentals; erection, application or installation of an item of the Work; overhead, profit, and applicable taxes.

1.05 UNIT QUANTITIES SPECIFIED

- A. Quantities indicated in the Contract Documents are for bidding and contract purposes only. Quantities and measurements of actual Work will determine the payment amount.
- B. Unit prices will be paid only for quantities in excess of the combined amounts computed in 1.05.A.

1.06 MEASUREMENT OF QUANTITIES

- A. Measurement methods delineated in the individual specification sections complement the criteria of this section. In the event of conflict, the requirements of the individual specification section govern.
- B. Take all measurements and compute quantities. Measurements and quantities will be verified by Architect.
- C. Assist by providing necessary equipment, workers, and survey personnel as required.
- D. Measurement by Area: Measured by square dimension using mean length and width or radius.
- E. Linear Measurement: Measured by linear dimension, at the item centerline or mean chord.
- F. Stipulated Unit Measurement: Items measured by number of items, as appropriate, as a completed item or unit of the Work.
- G. Perform surveys required to determine quantities, including control surveys to establish measurement reference lines. Notify Architect prior to starting work.
- H. Construction Manager's Engineer Responsibilities: Sign surveyor's field notes or keep duplicate field notes, calculate and certify quantities for payment purposes.

- I. The Owner reserves the right to reject the Contractor's measurement of work-in-place that involves use of established unit prices, and to have this Work measured by an independent surveyor acceptable to the Contractor at the Owner's expense.

1.07 PAYMENT

- A. Payment for Work governed by unit prices will be made on the basis of the actual measurements and quantities of Work that is incorporated in or made necessary by the Work and accepted by the Architect, multiplied by the unit price.

1.08 SCHEDULE OF UNIT PRICES

- A. Item No. 1 – Interior Signage:
 1. Description: Supply and install additional Sign Type D.
 2. Unit of Measurement: One sign.
- B. Item No. 2 – Interior Signage:
 1. Description: Supply and install additional Sign Type E.
 2. Unit of Measurement: One sign.
- C. Item No. 3 – Interior Signage:
 1. Description: Supply and install additional Sign Type F.
 2. Unit of Measurement: One sign.
- D. Item No. 4 - Rock Excavation – Open:
 1. Description: In open excavation, removal from site and legal disposal of unsuitable material. 2.
 - Unit of Measurement: Cost per cubic yard.
- E. Item No. 5 - Rock Excavation – Trenches:
 1. Description: In trenches and pits, removal from site and legal disposal of unsuitable material.
 2. Unit of Measurement: Cost per cubic yard.
- F. Item No. 6 - Unsuitable Soil:
 1. Description: Excavation beyond indicated subgrade elevations due to unsuitable subgrade conditions, removal from site and legal disposal of unsuitable material.
 2. Unit of Measurement: Cost per cubic yard.
- G. Item No. 7 - Borrow Material as Fill:
 1. Description: Procurement, hauling, placement and compaction of off-site borrow soil material, acceptable for use as fill.
 2. Unit of Measurement: Cost per cubic yard.
- H. Item No. 8 - Excavation of Unsuitable Soil, Relocation and Compaction On-site:
 1. Description: Excavation beyond indicated subgrade elevations due to unsuitable subgrade conditions, relocation and compaction on-site.
 2. Unit of Measurement: Cost per cubic yard.
- I. Item No. 9 - Compacted Granular Fill:
 1. Description: Procurement, hauling, placement of off-site granular fill material, acceptable for use as fill in excess of indicated of reasonably inferred quantities.
 2. Unit of Measurement: Cost per ton.
- J. Item No. 10 - Additional Footing Concrete/Flowable Fill:
 1. Description: Procurement, hauling, placement of additional footing concrete, when required to address field conditions.
 2. Unit of Measurement: Cost per cubic yard.
- K. Item No. 11 – Additional Mortar Joints – Vertical Surfaces
 1. Description: Repointing of mortar joints on vertical exterior wall surfaces.
 2. Unit of Measurement: Cost per 10 lineal feet.
- L. Item No. 12 – Additional Mortar Joints – Inclined Surfaces

1. Description: Repointing of mortar joints on inclined exterior wall surfaces.
 2. Unit of Measurement: Cost per 10 lineal feet.
- M. Item No. 13 – Additional Brick Masonry Units
1. Description: Removal and replacement of brick masonry units.
 2. Unit of Measurement: Cost per 20 brick.
- N. Item No. 14 – Additional Masonry Control Joint
1. Description: Cleaning and resealing of exterior masonry control joints.
 2. Unit of Measurement: Cost per 10 lineal feet.
- O. Item No. 15 – Additional Replacement of Exterior Sheathing
1. Description: Removal and replacement of exterior sheathing behind brick veneer.
 2. Unit of Measurement: Cost per 100 square feet.
- P. Item No. 16 – Additional Mold Removal from Exterior Sheathing
1. Description: Mold removal on exterior sheathing that is accessible from the interior of the building.
 2. Unit of Measurement: Cost per 100 square feet.

PART 2 PRODUCTS – NOT USED

PART 3 EXECUTION – NOT USED

END OF SECTION 01.22.00

SECTION 01.23.00
ALTERNATES

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Description of Alternates.
- B. Procedures for pricing Alternates.
- C. Documentation of changes to Contract Sum and Contract Time.

1.02 ACCEPTANCE OF ALTERNATES

- A. Alternates quoted on Bid Forms will be reviewed and accepted or rejected at Owner's option. Accepted Alternates will be identified in the Owner-Contractor Agreement.
- B. Coordinate related work and modify surrounding work to integrate the Work of each Alternate.

1.03 SCHEDULE OF ALTERNATES

- A. Alternate No. 1 – Removal of Firing Range from Project Scope
 - 1. Refer to Drawings A108, A403, C103, A302, A404, A405, S130, and any associated details on other drawings, and specification Section 11.67.23.
 - 2. Provide the change in cost to remove the entire firing range from the project scope, including all associated site and utility work.
- B. Alternate No. 2 – Pre-engineered Firing Range
 - 1. Refer to Drawings A108, A403, C103, A302, A404, A405, S130, and any associated details on other drawings, and specification Section 11.67.23.
 - 2. Provide the change in cost to design, supply and install a new pre-engineered firing range in lieu of a “stick-built” range as described in the documents. The pre-engineered range must comply with the programmatic and technical requirements described in this Bid Package. Include the cost of any additional site and utility related work if range location is different than originally designed.
- C. Alternate No. 3 – Provide a liquid applied elastomeric coating system on Central Annex roof in lieu of full roof replacement
 - 1. Refer to Drawing A118 – CA Overall Roof Plan
 - 2. Basis of Design: Hydrostop PremiumCoat Liquid Applied Roofing, manufactured by GAF Corporation.
 - a. Substitutions: Refer to Section 01.25.00 – Substitution Procedures.
- D. Alternate No. 4 – Provide a liquid applied elastomeric coating system on Women’s Pavilion roof in lieu of full roof replacement
 - 1. Refer to Drawing A107 WP-Roof Plan
 - 2. Basis of Design: Hydrostop PremiumCoat Liquid Applied Roofing, manufactured by GAF Corporation.
 - a. Substitutions: Refer to Section 01.25.00 – Substitution Procedures.
- E. Alternate No. 5 – Removal of finish out of the Police Academy suite on POB Office Level 6 from project scope.
 - 1. Refer to Drawing A125
 - 2. Provide the change in cost to remove all interior partitions, fixtures and finishes on POB Office Level 6. The entire floor shall be treated as a shell space, with the exception of the elevator lobby, electrical and IT space.
- F. Alternate No. 6 – Removal of finish out of the Pension Suite on CA Level LL2 from project scope
 - 1. Refer to Drawing A111.1
 - 2. Provide the change in cost to remove all interior partitions, fixtures and finishes for the Pension Suite on CA Level LL2. This includes all of the building area west of Corridor 117/Shell 199, with the exception of Rooms 179 and 23.0.
- G. Alternate No. 7 – Removal of second (smaller) vehicle processing garage addition from Project Scope
 - 1. Refer to Drawings C103 and A810.2.
 - 2. Provide the change in cost to delete the smaller vehicle processing garage from the project scope, including all associated site and utility work.

PART 2 PRODUCTS – NOT USED

PART 3 EXECUTION – NOT USED

END OF SECTION 01.23.00

**SECTION 01.26.20
 WEATHER DELAY REPORT**

Project Name:	Project Number: 19018	Month and Year reported below:
PUBLIC SAFETY COMPLEX		

Day of month	"X" if Work delayed by cause below				Refer to Section 01 26 10 for instructions on use of this form. Description
	Precip.	Temp.	Wind	Drying	
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
31					
	Total number of Adverse Weather Days with delay to Work this month being requested				
	Total number of Drying Days being requested				
	Monthly Standard Baseline number of days from Section 01 26 10				
	Total number of days beyond Standard Baseline being requested for Contract Time extension				

**SECTION 04.01.00
MASONRY RESTORATION**

PART 1 GENERAL

1.01 WORK INCLUDED

- A. The work includes furnishing all labor, materials, and equipment necessary for the following:
 1. Demolition and reconstruction of the damaged brick cladding noted on the drawings.
 2. Saw cutting new 3/8"-wide vertical control joints as shown on the drawings and installing new backer rod and sealant.
 3. Removing sealant and replacing with new sealant along horizontal relief joints as shown on the drawings.

1.02 RELATED SECTIONS

- A. **Section 00.31.25 – Existing Building Assessment Information**
- B. Section 01.22.00 – Unit Prices
- C. Section 04.01.20.52 – Unit Masonry Cleaning
- D. Section 04.20.00 – Unit Masonry

1.03 REFERENCES

- A. American Concrete Institute:
 1. ACI 530 -Building Code Requirements for Masonry Structures
 2. ACI 530.1- Specifications for Masonry Structures
- B. ASTM International:
 1. ASTM A153/A153M- Standard Specification for Zinc Coating (Hot-Dip) on Iron and Steel.
 2. ASTM A615/A615M- Standard Specification for Deformed and Plain Billet-Steel Bars for Concrete Reinforcement.
 3. ASTM A951/A951M- Standard Specification for Steel Wire for Masonry Joint Reinforcement.
 4. ASTM C67- Standard Test Methods for Sampling and Testing Brick and Structural Clay Tile

1.04 SUBMITTALS

- A. Product Data: Submit manufacturer's technical data for each product, including recommendations for their application and use. Include test reports and certification substantiating that products comply with requirements.
- B. If alternative methods and materials to those indicated are proposed for any phase of restoration work, provide written description, including evidence of successful use on other comparable projects and the program of testing that will demonstrate alternatives suggested will be effective on this project.

1.05 QUALITY ASSURANCE

- A. Work shall be performed by a firm having not less than five years successful experience in comparable masonry restoration projects and employing personnel skilled in the restoration process and operations indicated. Proof positive of such experience shall be required prior to acceptance of firm.

1.06 SAMPLES

- A. The materials and methods specified are believed to produce the desired results. Modifications may be required. Prior to full scale reconstruction, a sample area measuring 4'-0" in length will be built.
- B. This repair area will be reviewed by the Owner, Engineer, and Contractor in order to review the procedure and make modifications aimed at improving the end result.

1.07 DELIVERY, STORAGE AND HANDLING

- A. Materials shall be delivered to the site in the manufacturer's original and unopened container bearing labels as to type and name of product and manufacturer.
- B. Protect all materials, including grout, mortar, masonry, and cleaning agent, from the earth or other contaminants. Comply with manufacturer's recommendations for minimum and maximum temperature requirements for storage.

1.08 PROJECT CONDITIONS

- A. Do not repoint mortar joints or repair masonry unless air temperature is between 40 and 80 degrees F and will remain so for at least 48 hours after completion of work.
- B. Prevent mortar used in repointing and repair work from staining face of surrounding masonry and other surfaces.
- C. Protect sills, ledges, and projections from mortar droppings.

1.09 SCOPE OF WORK

- A. Refer to Section 00.31.25. – Existing Building Assessment Information for the scope of the masonry restoration.
 - 1. Perform all work described in Paragraph 1.02 that pertains to masonry repair and restoration in the three buildings.
- B. Unit Prices – Refer to Section 01.22.00.
 - 1. Provide a unit price for the repointing of an additional 10 lineal feet of mortar joints on vertical exterior wall surfaces.
 - 2. Provide a unit price for the repointing of an additional 10 lineal feet of mortar joints on inclined exterior wall surfaces.
 - 3. Provide a unit price for the removal and replacement of an additional 20 brick masonry units.
 - 4. Provide a unit price for the cleaning and resealing of an additional 10 lineal feet of exterior masonry control joint.

PART 2 PRODUCTS

2.01 MASONRY UNITS, GENERAL

- A. General: Unless specifically stated otherwise, the Bidder may assume the phrase “or approved equal”, except that the burden is upon the Bidder to prove such equality. If the Bidder elects to prove such equality, he must request the Designer’s approval in writing to substitute such item for the specified item.
- B. Source Quality Control: Obtain masonry units from one manufacturer, of uniform texture and color for both concrete masonry and each size and color of brick.
- C. Masonry Unit Characteristics: Provide units complying with the standards referenced and requirements indicated.

2.02 BRICK UNITS

- A. Brick units shall be the size and color to match the existing brick units.

2.03 POINTING MORTAR

- A. Portland Cement: ASTM C150, Type I, White or Gray, as required
- B. Hydrated Lime: ASTM C207, Type S or N
- C. Sand: ASTM C144, Natural or Manufactured
- D. Color: Match color and texture of existing mortar
- E. Water: clean, free of oils, acids, alkalis, and organic matter

2.04 FLEXIBLE JOINT SEALANT (CAULKING)

- A. One- or two-part elastomeric polyurethane complying with ASTM C920 Type 2 (non-sag) capable of a minimum of +25% MOVEMENT. Material shall have a minimum shore hardness of 25 (Vulkem 921 or equal).

2.05 JOINT SEALANT BACKING

- A. General: Provide sealant backings of materials that are non-staining; are compatible with joint substrates, sealants, primers, and other joint fillers; and are acceptable for applications indicated by sealant manufacturer based on field experience and laboratory testing.
- B. Cylindrical Sealant Backings: ASTM C1330, Type C (closed-cell material with a surface skin) and of size and density to control sealant depth and otherwise contribute to producing optimum sealant performance.

- C. Bond-Breaker Tape: Polyethylene tape or other plastic tape recommended by sealant manufacturer for preventing sealant from adhering to rigid mortar or joint surfaces at back of joint (3-side adhesion). Provide self-adhesive tape where applicable.

2.06 ANCHORAGE – MASONRY VENEER

- A. Stud Backup: Secure veneer anchors to stud framed backup and embed into masonry veneer at maximum 16 inches on-center vertically and 24 inches on-center horizontally. Place additional anchors at perimeter of openings and ends of panels, so maximum spacing of anchors is 8 inches on-center.

2.07 MISCELLANEOUS MATERIALS

- A. Primer: Material recommended by joint sealant manufacturer where required for adhesion of sealant to joint substrates indicated, as determined from preconstruction joint sealant substrate tests and field tests.
- B. Cleaners for Nonporous Surfaces: Chemical cleaners acceptable to manufacturers of sealants and sealant backing materials, free of oily residues, or other substances capable of staining or harming joint substrates and adjacent non-porous surfaces in any way, and formulated to promote optimum adhesion of sealants to joint substrates.
- C. Masking Tape: Non-staining, nonabsorbent material compatible with joint sealants and surfaces adjacent to joints.

2.08 MORTAR MIXES

- A. Measure cementitious and aggregate material in a dry condition by volume or equivalent weight. Do not measure by shovel, use known measure. Materials may be mixed by hand in small quantities as required or in clean mechanical mixer.
- B. Thoroughly mix cementitious and aggregate materials together before adding any water. Then mix again adding only enough water to produce a damp, unworkable mix, which will retain its form when pressed into a ball. Maintain mortar in this dampened condition for 1 to 2 hours. Add remaining water in small portions until mortar reaches desired consistency. Use mortar within 30 minutes of final mixing. Do not re-temper or use partially hardened material.
- C. Mortar Proportions:
 - 1. For all masonry use Type "N" mortar.
 - 2. Ratio of aggregate to cementitious material shall not be less than 2½ and shall be determined based on color matching existing mortar.

PART 3 EXECUTION

3.01 CONTROL OF INSTALLATION

- A.

3.02 TOLERANCES FOR CONSTRUCTION

- A. Bed joints and head joints shall be nominal 3/8"-thick with slight variation allowed (5/16 - 7/16") to adjust coursing and to avoid cutting. Standard coursing for brick: 5 bricks and mortar joints shall equal 16".
- B. Variation from plumb in the lines of the walls shall not exceed 1/8" for the height of the parapet.
- C. Variation of the linear building line from an established position in plan shall not exceed 1/4" in any 30'-0" length of wall.

3.03 LAYING BRICK

- A. Wet brick prior to laying unless their gain in weight is less than 3/4 ounce when immersed in 1/4" of water for one minute. Lay in full bed of slightly furrowed mortar and fill head joints completely.

3.04 REPOINTING OF EXISTING MASONRY

- A. Joint Raking
 - 1. Joint locations to be raked and repointed to match existing adjacent brick.
 - 2. Rake out mortar joints to a depth equal to 2½ times their width but not less than ¾" or less than required to exposed sound, unweathered mortar.
 - 3. Remove mortar from masonry surfaces within raked out points to provide reveals with square backs. Brush, vacuum, or flush joints to remove direct and loose debris.
 - 4. Take care to not spall edges of masonry units or to widen joints. Replace any masonry units that become damaged.
 - 5. Power-operated rotary handsaws and grinders will be permitted but only on specific written approval of the Engineer based on submission by Contractor of a satisfactory quality control program and demonstrated ability of operators to use such tools without damage to masonry units.
- B. Joint Pointing
 - 1. Rinse joint surfaces with water to remove dust and mortar particles. Time rinsing so that at time of pointing excess water has evaporated or run off and joint surfaces are damp but free of standing water.
 - 2. Apply first layer of pointing mortar to areas where existing mortar was removed to depths greater than surrounding areas. Apply in layers not greater than 3/8" until uniform depth is formed. Compact each layer thoroughly and allow to become thumbprint hard before applying next layer.
 - 3. After joints have been filled to a uniform depth, place remaining pointing mortar in three layers with each of first and second layers filling approximately 2/5 of joint depth and third layer the remaining 1/5. Fully compact each layer and allow to become thumbprint hard before applying next layer. Take care not to spread mortar over edges onto exposed masonry surface or to featheredge mortar.
 - 4. When last layer is thumbprint hard, tool joint to match the adjacent masonry. Remove excess mortar from edge of joint by brushing.
 - 5. Cure mortar by maintaining in a damp condition for not less than 72 hours.

3.05 INSTALLATION OF JOINT SEALANTS

- A. General: Comply with joint sealant manufacturer's written installation instructions unless more stringent requirements apply.
- B. Install sealant backings of kind indicated to support sealant during application and at position required to produce optimal cross-sectional shape and depth.
 - 1. Do not leave gaps between ends of sealant backings.
 - 2. Do not twist, stretch, or tear sealant backings.
- C. Install bond breaker tape behind sealants where sealant backings are not used.
- D. Install sealants using proven techniques to comply with the following:
 - 1. Place sealants so they directly contact and fully wet joint substrates.
 - 2. Completely fill recesses in each joint configuration.
 - 3. Produce uniform, cross-sectional shapes and depths that allow optimum movement capability.
 - 4. Tooling of non-sag sealants: Immediately after sealant application and before curing begins tool sealants to form smooth uniform beads; to eliminate air pockets, and to ensure contact and adhesion of sealant with sides of joint. Remove excess sealant from adjacent surfaces.
 - 5. Use tooling agents approved by sealant manufacturer that do not discolor sealants or adjacent surfaces.
 - 6. Provide concave joint profile as shown in ASTM C1193.

3.06 CLEANING OF MASONRY

- A. Keep face of brickwork clean of mortar drippings, stains and soil as the work progresses. The completed work shall be cleaned by methods approved by the Designer, equivalent to the following:
 - 1. Start cleaning only after mortar is thoroughly set and cured. Then surfaces shall be dry cleaned by removing large particles of mortar with wood paddles and scrapers, using a chisel or wire brush where necessary.
 - 2. Presoak wall by saturating the masonry with clean water and flush off all loose mortar and dirt.
 - 3. While the surface is still saturated, starting at top of wall, scrub down with a solution mixed in the proportions of one-half cup trisodium phosphate (Calgon) and one-half cup household detergent (All) dissolved in one gallon of clean water. Scrub with stiff fiber brushes only. Keep wall area below work area wet at all times.

4. After scrubbing thoroughly, rinse off all cleaning solution, dirt and mortar, using pressurized water from a hose.
- B. In areas where the preceding procedure is not adequate, use a similar procedure, but substitute an acid solution instead of the cleaner solution for scrubbing. Acid solution shall be mixed one-part clean stain-free commercial grade hydrochloric (muriatic) acid to nine parts clean water mixed in non-metallic container. Do not use wire brushes or metal tools and do not allow acid solution to contact any metal or precast coping. Acid solution shall be used as a last resort and where expressly permitted by the Owner and Designer.
- C. Keep exposed concrete block surfaces clean of mortar droppings as the work progresses and the completed work shall be dry-cleaned to remove remaining mortar spots and dirt.

3.07 FINAL CLEANUP

- A. Contractor shall be responsible for removal and disposal of masking materials following completion of tuck pointing and cleaning. Leave windows and non-masonry areas in a clean condition.
- B. All residual washed from building surface shall be swept or flushed from surrounding paved areas and to the extent possible planted areas leaving premises clean and neat.
- C. Under no case shall residuals or rinse water, which may contain environmentally harmful agent, be allowed to enter the existing storm drainage system.

END OF SECTION 01.40.00

SECTION 06.61.16
SOLID SURFACING FABRICATIONS

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. The work of this section is comprised of the furnishing and installing solid surface fabrications of monolithic solid thermoset plastic, consisting of sheet work and accessories, all as shown on the drawings and as required to complete the work in this contract.
 - 1. This section does not include solid surface countertops, found in Section 12.36.00.

1.02 RELATED REQUIREMENTS

- A. Section 06.10.00 – Rough Carpentry
- B. Section 06.20.00 – Finish Carpentry
- C. Section 09.21.16 – Gypsum Board Assemblies
- D. Section 01.28.00 – Toilet, Bath and Laundry Accessories
- E. Section 14.21.00 – Electric Traction and Hydraulic Elevators

1.03 REFERENCE STANDARDS

- A. ASTM E 228-11; Standard Test Method for Linear Thermal Expansion of Solid Materials with a Vitreous Silica Dilatometer
- B. ASTM D 790-10; Standard Test Methods for Flexural Properties of Unreinforced and Reinforced Plastics and Electrical Insulating Materials
- C. ASTM D 2583-13a; Standard Test Method for Indentation Hardness of Rigid Plastics by Means of a Barcol Impressor
- D. ASTM G 21-09; Standard Practice for Determining Resistance of Synthetic Polymeric Materials to Fungi.
- E. ASTM E84 (UL 723); Test for Surface Burning Characteristics of Building Materials
- F. ISFA SST 1.1-00 - Surface Preparation Procedure
- G. ISFA SST 2.1-00 – Consistency of Color
- H. ISFA SST 3.1-00 – Cleanability/Stain Resistance
- I. ISFA SST 4.1-00 – Flatness of Sheets
- J. ISFA SST 5.1-00 – Visual Defects
- K. ISFA SST 6.1-00 - Impact Resistance 226.8g (1/2 lb.) Ball
- L. ISFA SST 7.1-00 – Light Resistance
- M. ISFA SST 8.1-00 – Boiling Water Resistance
- N. ISFA SST 9.1.00 – High Temperature Resistance
- O. ISFA 2-01 (2013) - Classification and Standards for Solid Surfacing Material
- P. NEMA LD 3 (2005) – High Pressure Decorative Laminates
- Q. TAPPI T 564-sp 11 (2011) - Transparent Chart for the Estimation of Defect Size
- R. UL 2818; GREENGUARD Certification Program for Chemical Emissions for Building Materials, Finishes & Furnishings

1.04 SUBMITTALS

- A. Product Data
 - 1. Submit product data sheets for each specified product.
 - 2. Submit SDS sheets as appropriate
 - 3. Submit Health Product Declaration for each specified product.
- B. Shop drawings:

1. Shop drawings shall be supplied by the solid surface fabricator and shall include all necessary scale and full size details for finished, exposed, fabricated items, for approval by Architect prior to fabrication; where field dimensions may cause fitting difficulties, same shall be field checked and ascertained by the solid surface fabricator and the general contractor.
 2. Show location of each item, dimensioned plans and elevations, large-scale details, attachment devices and other components.
 - a. Show full-size details, edge details, thermoforming requirements, attachments, etc.
 - b. Show locations and sizes of furring, blocking, including concealed blocking and reinforcement specified in other Sections.
 - c. Show locations and sizes of cutouts and holes for plumbing fixtures, faucets, soap dispensers, waste receptacle and other items installed in solid surface.
- C. Samples
1. Samples: shall be submitted by the solid surface fabricator for each color and type of solid surface, 4" x 4" minimum sample.
 2. Samples shall indicate finish and the full range of color and pattern variation. Approved samples will be retained as a standard for the work.
- D. Product data:
1. Product data shall indicate product description, fabrication information and compliance with specific performance requirements, and shall be submitted in triplicate by the solid surface fabricator.
- E. Certifications:
1. Product certifications for each type of product, signed by product manufacturer.
 2. Manufacturer certifications signed by manufacturers certifying that specified materials comply with requirements.
- F. Maintenance data:
1. Maintenance data: shall be submitted in triplicate by the solid surface fabricator and shall include the manufacturer's care and maintenance recommendations.

1.05 DELIVERY, STORAGE AND HANDLING

- A. Deliver all solid surface fabrications to site ready for installation, site work shall be limited to field seaming and spot finishing. Shop fabricated work to the greatest extent possible, allow components to be delivered separately only to facilitate transportation and installation area access limitations. Deliver fabricated work in protective packing so as to minimize any potential damage to work prior to installation. Do not deliver any materials to site until areas are ready to receive them for installation or there is an established storage location that will ensure no damage will occur to the fabricated materials.
- B. Store all materials indoors in a dry area away from extreme temperatures. Store all materials in accordance with manufacturer's recommendations. Coordinate storage of installation materials and equipment on site with General Contractor prior to delivery.
- C. Handle all solid surface materials in such a way as to prevent damage to finished surfaces. Protect edges and corners from damage by using bubble pack, cardboard, carpeting, foam board or similar padding. Individual flat sheet work shall be handled with care, transporting only on edge, in vertical position. Provide protective coverings to prevent physical damage or staining following installation and for the duration of the project.
- D. Upon delivery of solid surface fabrications to the site, all containers shall be opened by the General Contractor and inspected for damage. Damaged materials shall be removed from the site and replaced with undamaged materials by the solid surface fabricator, at no cost to the Owner.

1.06 QUALITY ASSURANCE

- A. Source quality control: Obtain and provide materials for all solid surface fabrications from a single manufacturer of solid surface materials with not less than five (5) years of successful experience in supplying principal materials for solid surface fabrication installations. Provide secondary and/or alternate materials only as recommended by the manufacturer of the primary solid surface materials.
- B. Fabricator qualifications: All work of this section shall be fabricated and installed by a fabrication professional, trained by the manufacturer of the solid surface materials or in an approved program conducted by ISFA. The trained fabrication professional shall be skilled in the knowledge and ability required to provide work in accordance with the manufacturer's "Fabrication and Installation Manual". The fabrication professional shall have a minimum of three (3) years of solid surface fabrication experience and have completed a minimum of two (2) solid surface fabrication projects of similar scope and size to the solid surface fabrication and installation work of this project. The accredited fabrication professional

shall have complete and undivided responsibility for the solid surface fabrication and installation work of this project. Written proof of training should be available upon request.

1.07 WARRANTY

- A. Provide manufacturer's standard ten (10) year limited warranty. The manufacturer shall warrant that the materials provided under this Section shall not develop visible defects or otherwise fail due to manufacturing defects for a minimum period of ten (10) years from the date of acceptance by the Owner.
- B. Conditions not covered by manufacturer's warranty:
 - 1. Failure of joints, seams or of any adhesive, caulk or other accessory, failure or degradation of decorative edge treatments.
 - 2. Failure of solid surface fabricator and installer to comply with manufacturer's fabrication and installation instructions or use and maintenance instructions.
 - 3. Any products moved from their original place of installation.

PART 2 PRODUCTS

2.01 MANUFACTURERS

- A. Acceptable Manufacturers:
 - a. Corian® by DuPont; www.corian.com
 - b. Krypton; www.krion.com
 - c. Wilsonart; www.wilsonart.com
 - d. Elemental; www.elemental-surfaces.com
 - e. Durasein; www.duraseinusa.com
 - f. Substitutions: See Section 01.25.00 – Substitution Procedures.

2.02 MATERIALS

- A. Material: Cast, mineral-filled, homogeneous, non-porous, decorative surface alloy, comprised of 100% acrylic resin components.
- B. Physical Performance: Manufacturer shall certify that the solid surface material meets or exceeds the following properties in accordance with ISFA 2-01 (2013):

PERFORMANCE PROPERTIES OF SOLID SURFACE	ALL TYPES	TEST METHOD
Fungal Resistance*	No Growth	ASTM G 21-09
Consistency of Color*	Pass	ISFA SST 2.1-00
Cleanability/Stain Resistance*	≤ 52	ISFA SST 3.1-00
Visual Defects*	Pass	ISFA SST 5.1-00
Light Resistance*	No Euect	ISFA SST 7.1-00
Boiling Water Resistance**	No Euect	ISFA SST 8.1-00
High Temperature Resistance**	No Euect	ISFA SST 9.1-00

ENGINEERING PROPERTIES	STANDARD TYPE	TEST METHOD
Radiant Heat Resistance	600+ Seconds	NEMA LD 3-3.10
Linear Thermal Expansion mm./mm./°C	≤ 5.40 x 10 ⁻⁵ mm./mm. °C (3.00 x10 ⁻⁵ in/in F	ASTM E 228-11 am -30 to 60 °C (-22 to 140 °F)
Flexural Strength	≥27.58 Mpa (4000 psi)	ASTM D 790-10
Flexural Modulus	≥ 6895 Mpa (1.00 Mpsi)	ASTM D 790-10
Hardness, Barcol	50–70	ASTM D 2583-13a
Flatness of Sheets	≤1.6 mm (0.063 in.)	ISFA SST 4.1-00
Impact Resistance	Pass at 1525 mm. (60 in.)	ISFA SST 6.1-00

- C. Repairability: The solid surface material shall be able to be repaired after incidental damage from cigarette burns, scratches, minor cuts and other similar damage, restoring the surface to its original appearance.
- D. Surface Burning Characteristics: Flame spread and smoke developed shall be classified according to ASTM E84 (UL 723), Test for Surface Burning Characteristics of Building Materials, as Class I rated.
- E. Stain Resistance: The solid surface material shall exhibit no lasting euect (except as noted), when tested by NEMA LD3-3.09, from the following:

1. Solvents: Methanol, Carbon Tetrachloride, Ethanol, Gasoline.
2. Acids: Acetic (99.5%), Hydrochloric (37%)¹, Phosphoric (85%), Sulfuric (77%)²
3. Alkalies: Sodium Hydroxide (40%), Ammonium Hydroxide.
4. Other: Ammonia (1%), Lye (1%), Urea (5%), Vinegar, Lipstick, Couee, Nail Polish Remover.

¹May cause slight lightening.

² May cause slight darkening.

F. Finish: Surface finish shall be as indicated on drawings.

2.03 ACCESSORY PRODUCTS

- A. Adhesives:
 1. Flexible adhesive shall be 100% silicone and shall be matched to sheet color.
 2. Solid surface seam adhesive shall be matched to sheet color and shall be specified by the fabricator.
- B. Hot melt glue for temporarily adhering solid surface fabrications to substrate shall be as approved by primary solid surface manufacturer.

2.04 FABRICATION

- A. Tub and shower walls: 1/2" thick, or as indicated on drawings.
 1. Applied to substrate with joint size and type as indicated on the drawings.
 2. Sealed with silicone sealant matching color of panel, unless otherwise indicated
 3. Use silicone sealant to adhere panels to substrate.
 4. Provide panels to height as indicated on the drawings.
 5. Provide sloped or coved top edge where panels stop short of ceiling.
 6. Provide tooled silicone sealant joint top and bottom of panels and wherever panels adjoin adjacent materials; provide color matching silicone sealant for joints unless otherwise noted.
 7. Color: As indicated on drawings.
- B. Wall cladding/wainscoting: 1/2" thick, or as indicated on drawings.
 1. Applied to substrate with joint size and type as indicated on the drawings.
 2. Sealed with silicone sealant matching color of panel, unless otherwise indicated
 3. Provide tooled silicone sealant joint top and bottom of panels and wherever panels adjoin adjacent materials.
 4. Use silicone sealant to adhere panels to substrate.
 5. Color: As indicated on drawings.

PART 3 EXECUTION

3.01 PREPARATION

- A. Maintain clean work surfaces during seaming and other joint work. Clean sheet edges to be seamed with denatured alcohol prior to seaming.
- B. Fabricate and install work at temperatures above sixty-five (65o) degrees F.
- C. Examine site conditions & substrates to assure that they comply with manufacturer's recommendations

3.02 INSTALLATION

- A. Prepare substrate plane, plumb and level, secure in place with all fasteners set flush. Shim supporting structure as required to provide an acceptable surface for attaching finish materials.
- B. Follow all manufacturer's recommendations for fabrication and installation of solid surface.
- C. Install components plane, plumb and level, in accordance with approved shop drawings and product data.
- D. Pre-fit finish material in place. Scribe material as required to provide proper fit with adjacent materials.
- E. Provide additional support for material seams in both horizontal and vertical locations.
- F. Form field joints using manufacturer's recommended adhesive, with inconspicuous joints in finished work.
- G. Prior to installing solid surface fabrication, make sure that substrate is clean and dry. Place silicone "dabs" on substrate in accordance with manufacturer's recommendations.
- H. Keep components and hands clean during installation. Remove adhesives, sealants and other stains from the work as they occur.
- K. During installation, protect surfaces of solid surface fabrications from damage until all components have been installed.

3.03 REPAIRS

- A. Repair or replace damaged work which cannot be repaired to architect's satisfaction.
- B. Promptly remove from the job site damaged work which cannot be repaired to architect's satisfaction.

3.04 CLEANING AND PROTECTION

- A. After installation, all surfaces shall be cleaned to remove adhesives, sealants, paint and other contaminants.
- B. After cleaning, all work shall be protected against damage until it is accepted by the General Contractor. Thereafter, it shall be the responsibility of the General Contractor to maintain protection and provide final cleaning.

END OF SECTION 06.61.16

SECTION 07.42.13.19
INSULATED METAL WALL PANELS

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Foamed-insulation-core horizontal and vertical metal wall panel assembly with integral reveals and profiled panels, with related metal trim and accessories.
- B. Secondary metal framing.

1.02 RELATED REQUIREMENTS

- A. Section 05.40.00 - Cold-Formed Metal Framing, for support framing for insulated core metal wall panels.
- B. Section 07.25.00 – Weather Barriers, for transition and flashing components of air/moisture barrier.
- C. Section 07.62.00 - Sheet Metal Flashing and Trim, for sheet metal copings, flashings, reglets and roof drainage items.
- D. Section 07.92.00 - Joint Sealants, for field-applied joint sealants.

1.03 REFERENCE STANDARDS

- A. American Architectural Manufacturers Association (AAMA):
 - 1. AAMA 501.2 - Quality Assurance and Diagnostic Water Leakage Field Check of Installed Storefronts, Curtainwalls and Sloped Glazing Systems.
 - 2. AAMA 508-07 Voluntary Test Method and Specifications for Pressure Equalized Rain Screen Wall Cladding Systems.
 - 3. AAMA 621 - Voluntary Specification for High Performance Organic coatings on Coil Coated Architectural Hot Dipped Galvanized (HDG) and Zinc-Aluminum Coated Steel Substrates.
- B. American Society of Civil Engineers (ASCE):
 - 1. ASCE 7 - Minimum Design Loads for Buildings and Other Structures.
- C. ASTM International (ASTM):
 - 1. ASTM A 653/A 653M - Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process.
 - 2. ASTM A 666 - Standard Specification for Annealed or Cold-Worked Austenitic Stainless-Steel Sheet, Strip, Plate, and Flat Bar.
 - 3. ASTM A 755 - Specification for Steel Sheet, Metallic Coated by the Hot-Dip Process and Preprimed by the Coil-Coating Process for Exterior Exposed Building Products.
 - 4. ASTM B 117 - Standard Practice for Operating Salt Spray (Fog) Apparatus.
 - 5. ASTM C 645 - Specification for Nonstructural Steel Framing Members.
 - 6. ASTM C 754 - Specification for Installation of Steel Framing Members to Receive Screw Attached Gypsum Panel Products.
 - 7. ASTM C 920 - Specification for Elastomeric Joint Sealants.
 - 8. ASTM C 1363 - Standard Test Method for Thermal Performance of Building Materials and Envelope Assemblies by Means of a Hot Box Apparatus.
 - 9. ASTM D 968 - Standard Test Methods for Abrasion Resistance of Organic Coatings by Falling Abrasive.
 - 10. ASTM D 3359 - Standard Test Methods for Measuring Adhesion by Tape Tests.
 - 11. ASTM D 4585 - Standard Practice for Testing Water Resistance of Coatings Using Controlled Condensation.
 - 12. ASTM D 4587 - Standard Practice for Fluorescent UV-Condensation Exposures of Paint and Related Coatings
 - 13. ASTM E 72 - Standard Test Methods of Conducting Strength Tests of Panels for Building Construction.
 - 14. ASTM E 84 - Test Methods for Surface Burning Characteristics of Building Materials.
 - 15. ASTM E 119 - Test Methods for Fire Tests of Building Construction and Materials.
 - 16. ASTM E 283 - Test Method for Determining the Rate of Air Leakage Through Exterior Windows, Curtain Walls, and Doors under Specified Pressure Differences across the Specimen.
 - 17. ASTM E 329 - Standard Specification for Agencies Engaged in Construction Inspection and/or Testing.
 - 18. ASTM E 331 - Test Method for Water Penetration of Exterior Windows, Curtain Walls, and Doors by Uniform Static Air Pressure Difference.

19. ASTM E 1886 – Test Method for Performance of Exterior Windows, Curtain Walls, Doors, and Impact Protective Systems Impacted by Missile(s) and Exposed to Cyclic Pressure Differentials.
 20. ASTM E 1996 - Specification for Performance of Exterior Windows, Curtain Walls, Doors and Impact Protective Systems Impacted by Windborne Debris in Hurricanes.
- D. Factory Mutual Global (FMG):
1. ANSI/FMG 4880 Standard for Evaluating Insulated Wall & Roof/Ceiling Assemblies.
 2. ANSI/FMG 4881 Standard for Evaluating Class 1 Exterior Wall Assemblies.
 3. ANSI/FMG 4882 G 4882 Standard for Evaluating Walls and Ceilings for Smoke Sensitive Occupancies
- E. Sheet Metal and Air Conditioning Contractors National Association, Inc. (SMACNA):
1. Architectural Sheet Metal Manual.
- F. Underwriters Laboratories, Inc. (UL):
1. UL 263 - Fire Tests of Building Construction and Materials.
 2. UL 1040 - Fire Test of Insulated Wall Construction.
 3. UL 1715 – Fire Test of Interior Finish Material

1.04 PERFORMANCE REQUIREMENTS

- A. General: Provide metal wall panel system meeting performance requirements as determined by application of specified tests by a qualified testing agency on manufacturer's standard assemblies.
- B. Air Infiltration: Maximum 0.06 cfm/sq. ft. (0.3 L/s per sq. m) per ASTM E 283 at a static-air pressure difference of 6.24 lb./sq. ft. (300 Pa), using minimum 10-by-10-foot (3050-by-3050 mm) test panel that includes horizontal and vertical joints.
- C. Water Penetration, Static Pressure: No uncontrolled water penetration per ASTM E 331 at a minimum static differential pressure of 15 lb. /sq. ft. (718 Pa), using minimum 10-by-10-foot (3050-by-3050 mm) test panel that includes either horizontal or vertical joints.
- D. Water Penetration, Static Pressure – 2-hour duration: Panel system shall demonstrate no water penetration when tested in accordance with ASTM E331 at 15 psf pressure differential for a two (2) hour duration to satisfy International Building Code, Section 1403.2. Panel systems unable to demonstrate compliance with this requirement will require a separate weather-resistive barrier, approved by CENTRIA for fire performance, installed behind the wall panel system to comply with International Building Code requirements.
- E. Water Penetration, Dynamic Pressure: No uncontrolled water penetration per AAMA 501.1 at a minimum static differential pressure of 15 lb/sq. ft. (718 Pa), using minimum 8-by-8-foot (3050by-3050 mm) test panel that includes horizontal and vertical joints. For panels installed horizontally only.
- F. System Performance: A 3rd party test report utilizing the standard ASTM E 283, E 331 and AAMA 501 procedures following the test protocol described in AAMA 508-07 must be submitted prior to bid. Test panel must include a horizontal joint, with an imperfect air barrier. For panels installed horizontally only.
1. Bidders supplying panel systems that have not successfully passed AAMA 508-07 shall provide a backup system that meets the air and water infiltration values as listed above in sections 1.5.B – 1.5.E.
- G. Water Absorption: Maximum 1.0 percent absorption rate by volume when tested according to ASTM C 209.
- H. Structural Performance: Provide metal wall panel assemblies capable of withstanding the effects of indicated loads and stresses within limits and under conditions indicated, per ASTM E 72:
- I. Thermal Movements: Allow for thermal movements from variations in both ambient and internal temperatures. Accommodate movement of support structure caused by thermal expansion and contraction.
- J. Thermal Performance: Thermal-resistance (R) value indicated, based on ASTM C 1363 and maintained ASTM C 518 testing and finite element modeling, with the following conditions:
1. 15 mph (24.1 km/h) exterior wind speed and still air on interior.
 2. Include side joint and standard fastening.
 3. Base R value reported on performance of specified panel, taking into account integral reveals and profiling with resultant reduction in panel insulation thickness.
- K. Fire Performance Characteristics: Provide metal composite wall systems that comply with the performance requirements of Chapter 26 Plastic of the 2015 International Building Code.

1.05 QUALITY ASSURANCE

- A. Manufacturer/Source: Provide metal wall panel system and panel accessories from a single manufacturer.
- B. Manufacturer Qualifications: Approved manufacturer listed in this Section with minimum 10 years' experience in manufacture of similar products in successful use in similar applications.
 - 1. Approval of Comparable Products: Submit the following in accordance with project substitution requirements, within time allowed for substitution review:
 - a. Product data, including certified independent test data indicating compliance with requirements. Include detailed data indicating compliance with AAMA 508-07 performance specified in this section.
 - b. Samples of each component.
 - c. Sample submittal from similar project.
 - d. Project references: Minimum of 5 installations not less than 5 years old, with Owner and Architect contact information.
 - e. Sample warranty.
 - 2. Substitutions following award of contract are not allowed except as stipulated in Division 01 General Requirements.
 - 3. Approved manufacturers must meet separate requirements of Submittals Article.
- C. Wall Systems Installer Qualifications: Experienced Installer with minimum of 5 years' experience with successfully completed projects of a similar nature and scope, and employing workers trained by manufacturer to install products of this Section.
- D. Testing Agency Qualifications: Qualify in accordance with requirements of ASTM E 329.
- E. Mockups: Build mockup in size and location indicated. Show details of composite wall panel system. Demonstrate methods and details of installation. Show details of horizontal and vertical joints, penetrations, doors, windows, louvers, pipe openings, inside and outside corners, top and bottom of wall.
 - 1. Approval of mockup does not relieve Contractor of responsibility to comply with all requirements of contract documents.
 - 2. Approved mockup may become part of installation if approved by Architect.

1.06 ADMINISTRATIVE REQUIREMENTS

- A. Preinstallation Meeting: Conduct preinstallation meeting at site attended by Owner, Architect, manufacturer's technical representative, and other trade contractors.
 - 1. Coordinate building framing in relation to composite wall panel system.
 - 2. Coordinate windows, doors and louvers, and other openings and penetrations of composite wall panel system.

1.07 ACTION SUBMITTALS

- A. Product Data: Manufacturer's data sheets for specified products.
- B. Shop Drawings: Provide shop drawings prepared by manufacturer or manufacturer's authorized dealer. Include full elevations showing openings and penetrations. Include details of each condition of installation and attachment. Provide details at a minimum scale 1-1/2-inch per foot of all required trim and extrusions needed for a complete installation.
 - 1. Indicate points of supporting structure that must coordinate with composite wall panel system installation.
- C. Samples for Initial Selection: For each product specified, provide product samples, representative color chips and/or charts of manufacturer's full range of colors.

1.08 INFORMATIONAL SUBMITTALS

- A. Letter of Compliance: Indicating compliance of products tested from a qualified independent testing agency.
- B. Manufacturer's warranty: Submit sample warranty.

1.09 CLOSEOUT SUBMITTALS

- A. Maintenance data.

1.10 DELIVERY, STORAGE AND HANDLING

- A. Protect products of composite wall panel system during shipping, handling, and storage to prevent staining, denting, deterioration of components or other damage.
 - 1. Deliver, unload, store, and erect composite wall panel system and accessory items without misshaping panels or exposing panels to surface damage from weather or construction operations.

1.11 WARRANTY

- A. Special Manufacturer's Warranty: On manufacturer's standard form, in which manufacturer agrees to repair or replace metal wall panel assemblies that fail in materials and workmanship within two years from date of Substantial Completion.
- B. Special Panel Finish Warranty: On manufacturer's standard form, in which manufacturer agrees to repair or replace wall panels that display evidence of deterioration of finish within twenty years from date of Substantial Completion.

PART 2 PRODUCTS

2.01 SYSTEM DESCRIPTION

- A. Insulated Core Metal Wall Panel System: Halogen-free, factory-foamed-in-place horizontal wall panel system consisting of an exterior metal face sheet with interior metal liner panel, bonded to factory foamed-in-place core in thermally-separated profile, utilizing no glues or adhesives, with factory sealed tongue-and-groove and pressure-equalized rainscreen-designed horizontal side joint, attached to supports using concealed fasteners.
 - 1. System is provided complete with secondary metal framing.

2.02 MANUFACTURERS

- A. Acceptable Manufacturers:
 - 1. CENTRIA Architectural Systems; Moon Township, PA 15108-2944. Tel: (800)759-7474. Tel: (412)299-8000. Fax: (412)299-8317. Email: info@CENTRIA.com. Web: www.CENTRIA.com.
 - 2. Metl-Span; 1720 Lakepointe Drive, Suite 101, Lewisville, TX 75057, Tel: (844) 574-5367, Fax (972) 420-9382, Email: info@metlspan.com, Web: www.metlspan.com.
 - 3. ATAS International, Inc.; 6612 Snowdrift Rd., Allentown, PA 18016. Tel: (800) 468-1441. Web: www.atas.com.
 - 4. Alply Insulated Panels, LLC; 1401 Eilerman Ave., Litchfield IL, 62056; Tel: (217) 324-6700; Web: www.alply.com.
- B. Substitutions: See Section 01.25.00 – Substitution Procedures.

2.03 PANEL MATERIALS

- A. Basis of Design: CENTRIA, Formawall Dimension Series Insulated Core Metal Wall Panels.
- B. Metallic-Coated Steel Face Sheet: Coil-coated, ASTM A 755/A 755M.
 - 1. Zinc-Coated (Galvanized) Steel Sheet: ASTM A 653/A 653M, G90, structural quality.
 - 2. Surface: Smooth
- C. Exposed Coil-Coated Finish:
 - 1. Fluoropolymer Two-Coat System: 0.2 mil primer with 0.8 mil 70 percent PVDF fluoropolymer color coat, AAMA 621
- D. Metallic-Coated Steel Liner Sheet: Coil-coated, ASTM A 755/A 755M, [0.019 inch/26 gage (0.48 mm)] [0.024 inch/24 gage (0.60 mm)] [0.030 inch/22 gage (0.76 mm)] [0.036 inch/20 gage (0.91 mm)] thick.
 - 1. Zinc-Coated (Galvanized) Steel Sheet: ASTM A 653/A 653M, G90, structural quality.
- E. Exposed Trim and Fasteners: Match panel finish.

2.04 METAL WALL PANEL ACCESSORIES

- A. General: Provide complete metal wall panel assembly incorporating trim, copings, fascia, parapet caps, soffits, sills, inside and outside corners, and miscellaneous flashings. Provide manufacturer's factory-formed clips, shims, flashings, gaskets, lap tapes, closure strips, and caps for a complete installation. Fabricate accessories in accordance with SMACNA Manual.
- B. Formed Flashing and Trim: Match material, thickness, and color of metal wall panel face sheets.

- C. Extrusion Trim: Provide manufacturer-provided extruded trim for the following locations and as indicated on Drawings:
 - 1. Base trim.
 - 2. Coping.
 - 3. Panel installation perimeter.
 - 4. Opening perimeters.
- D. Sealants: Type recommended by metal wall panel system manufacturer for application, meeting requirements of Division 07 Section "Joint Sealants."
- E. Flashing Tape: 4-inch wide self-adhering butyl flashing tape.
- F. Panel Attachment Clips: Concealed G-90 galvanized steel clip configured to prevent overdriving of fastener and crushing of foam core, with panel fasteners engaging both face and liner elements and mechanically attaching to panel supports. Clip configured also to be utilized without removing significant portions of the foam at each clip location.
- G. Fasteners: Self-tapping screws, bolts, nuts, and other acceptable fasteners recommended by panel manufacturer. Where exposed fasteners cannot be avoided, supply corrosion-resistant fasteners with heads matching color of metal wall panels by means factory-applied coating.

2.05 SECONDARY METAL FRAMING

- A. Miscellaneous Framing Components, General: Cold-formed metallic-coated steel sheet, ASTM C 645, Grade 50, with ASTM A 653/A 653M, G90 (Z180) hot-dip galvanized zinc coating.
- B. Subgirts: C- or Z- shaped sections, 0.054-inch (1.37mm) minimum nominal thickness.
- C. Sill Channels: 0.06-inch (1.52 mm) minimum.
- D. Hat Channels: 0.06-inch (1.52 mm) minimum nominal thickness.

PART 3 EXECUTION

3.01 EXAMINATION

- A. A. Examine metal wall panel system substrate with Installer present. Inspect for erection tolerances and other conditions that would adversely affect installation of metal wall panels.
- B. Wall Substrate: Confirm that wall substrate is within tolerances acceptable to metal wall panel system manufacturer.
 - 1. Maximum deviations acceptable:
 - a. 1/4-inch in 20 feet (6.4 mm in 6 m) vertically or horizontally from face plane of framing.
 - b. 1/2-inch (12.7 mm) from flat substrate on any building elevation.
 - c. 1/8-inch in 5 feet (3.2 mm in 1.5 m).
- C. Framing: Inspect framing that will support metal wall panels to determine if support components are installed as indicated on approved shop drawings. Confirm presence of acceptable framing members at recommended spacing to match installation requirements of metal wall panels.
- D. Openings: Verify that windows, doors, louvers and other penetrations match layout on shop drawings.
- E. Advise G.C., in writing, of all out-of-tolerance work and other deficient conditions prior to proceeding with metal wall panel installation.
- F. Correct out of tolerance work and other deficient conditions prior to proceeding with panel installation.

3.02 PREPARATION

- A. Secondary Metal Framing: Install secondary metal framing components as indicated. Install secondary metal framing and other metal panel supports per ASTM C 754 and metal wall panel manufacturer's recommendations.

3.03 METAL WALL PANEL SYSTEM INSTALLATION

- A. General: Install metal wall panel system in accordance with approved shop drawings and manufacturer's recommendations. Install metal wall panels in orientation, sizes, and locations indicated. Anchor metal wall panels and other components securely in place. Provide for thermal and structural movement
- B. Attach panels to metal framing using recommended clips, screws, fasteners, sealants, and adhesives indicated on approved shop drawings.

1. Fasteners for Steel Wall Panels: Stainless-steel for exterior locations and locations exposed to moisture; carbon steel for interior use only.
 2. Apply elastomeric sealant continuously between metal base channel (sill angle) and concrete, and elsewhere as indicated or, if not indicated, as approved by manufacturer.
 3. Fasten metal wall panels to supports with concealed clips at each joint at location, spacing, and with fasteners recommended by manufacturer. Install clips to supports with self-tapping fasteners.
 4. Provide weatherproof escutcheons for pipe and conduit penetrating exterior walls.
 5. Horizontal Application:
 - a. Horizontal Joinery: Working from base of installation to top connect upper panel to lower panel at dry seal joinery.
 - b. Vertical Joinery: Provide reveal between vertical ends of panels as shown on shop drawings using IMV and/or gasket furnished by manufacturer to form a weather tight seal between panels.
 6. Vertical Application:
 - a. Horizontal Joinery: Working from left of initial installation to right, connect right panel to left panel at dry seal joinery.
 7. Dissimilar Materials: Where elements of metal wall panel system will come into contact with dissimilar materials, treat faces and edges in contact with dissimilar materials as recommended by manufacturer.
- C. Joint Sealers: Install gaskets, joint fillers, and sealants where indicated and where required for weatherproof performance of metal wall panel assemblies.
1. Seal panel end utilizing 2 beads of non-curing butyl aligning with factory-applied seal in adjacent panel pocket; apply continuously without gaps to complete panel system air barrier.
 2. Seal metal wall panel to supports or back-up flashing sealant, full width of panel. Seal side joints where recommended by metal wall panel manufacturer. Do not install sealant in locations that will interfere with drainage of pressure-equalized panel chambers.
 3. Prepare joints and apply sealants per Division 07 Section "Joint Sealants."

3.04 ACCESSORY INSTALLATION

- A. General: Install metal wall panel accessories with positive anchorage to building and weathertight mounting and provide for thermal expansion. Coordinate installation with flashings and other components.
1. Install related flashings and sheet metal trim per requirements of Division 07 Section "Sheet Metal Flashing and Trim."
 2. Install components required for a complete metal wall panel assembly, including trim, copings, corners, seam covers, flashings, sealants, gaskets, fillers, closure strips, and similar items.
 3. Comply with performance requirements and manufacturer's written installation instructions.
 4. Provide concealed fasteners except where noted on approved shop drawings.
 5. Set units true to line and level as indicated. Install work with laps, joints, and seams that will be permanently watertight and weather resistant.

3.05 FIELD QUALITY CONTROL

- A. The panel installer shall water test panel [and window] areas for each crew at least twice during installation schedule and once at the conclusion of the installation.
- B. Progress or check tests can be performed by the installer following test procedures noted in AAMA 501.2. No independent test agency need to be employed in this test phase. Results of this test phase is to be recorded and reported to the panel manufacturer.
- C. Final AAMA 501.2 testing will be conducted by an independent test agency following project completion. Areas of test are to be determined by the Architect/Engineer and General Contractor/Contract Manager and the panel installer. Engagement of the test agency is the responsibility of the [GC/CM] [panel installer]. A field representative from the panel manufacturer is required for the final inspection and testing.

3.06 CLEANING AND PROTECTION

- A. Remove temporary protective films. Clean finished surfaces as recommended by metal wall panel manufacturer. Clear weep holes and drainage channels of obstructions, dirt, and sealant. Maintain in a clean condition during construction.
- B. Replace damaged panels and accessories that cannot be repaired by finish touch-up or minor repair.

END OF SECTION 07.42.13.19

SECTION 08.43.33.13
SECURITY STOREFRONTS

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Bullet Resistant Aluminum Storefront Framing, tested in accordance with UL752 and in compliance with the following:
 - 1. Ballistic Resistance Level 3.

1.02 RELATED REQUIREMENTS

- A. Section 08.80.00 – Glazing, for glass view panels in bullet resistant doors.
- B. Section 08.71.00 - Door Hardware, for door hardware for bullet resistant doors and frames.
- C. Division 26 "Electrical" Sections for electrical connections including conduit and wiring for door controls and operators installed on frames with factory installed electrical knock out boxes.
- D. Section 28.13.00 - Access Control System, for access control devices installed at door openings and provided as part of a security access system.

1.03 SUBMITTALS

- A. Action Submittals
 - 1. Refer to Section 01.33.00 - Submittal Procedures .
 - 2. Product Data: For each type of framing and glazing including manufacturer recommended installation instructions.
 - 3. Shop Drawings: Include plans, elevations, sections, details, attachment to other work and glazing details for field-glazed units.
 - 4. Samples: For each exposed finish.
- B. Informational Submittals
 - 1. Product Test Reports: Indicating compliance with requirements
 - 2. Warranty: Sample of finish warranty
- C. Closeout Submittals
 - 1. Refer to Section 01.78.00 - Closeout Submittals.
 - 2. Maintenance data.

1.05 DELIVERY, STORAGE AND HANDLING

- A. Refer to Section 01.60.00 - Product Requirements.

1.06 QUALITY ASSURANCE

- A. Mock-up: Install framing assembly at project site. Obtain Architect's approval prior to proceeding with installation of remaining storefront. Accepted mock-up may remain as portion of final work.

1.07 WARRANTY

- A. Finish Warranty: Manufacturer's warranty against deterioration of factory finishes for the period of 5 years from the date of Substantial Completion.

PART 2 PRODUCTS

2.01 MANUFACTURERS

- A. Basis of Design: Insulgard TH600 Bullet Resistant Architectural Aluminum Framing by Insulgard Security Products; Phone 800.624.6315; website www.insulgard.com
 - 1. Substitution: Refer to Section 01.25.00 - Substitution Procedures.
- B. Description
 - 1. Factory fabricated framing constructed from either 6105-T5 or 6005-T5 extruded aluminum with integral weep design to allow water to vent to the exterior along horizontal members.
 - 2. Dimensions:
 - a. Head, Jamb, Sill, Mullion and Intermediate Horizontal Members: 2-1/2 inches by 6 inches.

2.02 PERFORMANCE CRITERIA

- A. Ballistic Resistant: Level 3 in accordance with UL 752 – Testing for Ballistic Resistance for the complete assembly including framing, glazing and panels.

2.03 FABRICATION

- A. Tolerances: All joints and connections shall be tight, providing hairline joints and true alignment of adjacent members

2.04 FRAMING FINISH

- A. Factory-applied finish:
 - 1. Color Anodic Finish: Architectural Class I, color coating AA-M10C22A42/A44 Mechanical Finish
Chemical Finish: etched, medium matte; 0.70 mils minimum complying with AAMA 611 "Voluntary Specification for Anodized Architectural Aluminum".
 - a. Color: As selected by Architect from manufacturer's standard colors.

2.06 GLAZING

- A. Ballistic Resistant Glazing Material:
 - 1. Ballistic Resistance Level 3, Insulating: BALULN25 IGU

2.06 ACCESSORIES

- A. Anchors: Fully concealed in accordance with requirements of delegated design requirements.

PART 3 EXECUTION

3.01 PREPARATION

- A. Verify field dimensions of opening prior to fabrication of windows.
- B. Coordinate structural requirements to ensure proper attachment and support.

3.02 INSTALLATION

- A. Install windows in accordance with manufacturer's recommendations and approved shop drawings.
- B. Provide required support and securely fasten and set windows plumb, square, and level without twist or bow.
- C. Apply sealant in accordance with window and sealant manufacturer's recommendations as indicated in installation instructions. Wipe off excess, and leave exposed sealant surfaces clean and smooth.

3.03 PROTECTION

- A. Clean and protect windows from damage during construction operations. If damage occurs, remove and replace as required to provide windows in their original, undamaged condition.

END OF SECTION 08.43.33.13

SECTION 09.05.61
COMMON WORK RESULTS FOR FLOOR PREPARATION

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. This section applies to floors identified in contract documents that are receiving the following types of floor coverings:
 - 1. Resilient tile and sheet.
 - 2. Carpet tile.
 - 3. Thin-set ceramic tile and stone tile.
- B. Removal of existing floor coverings.
- C. Preparation of new concrete floor slabs for installation of floor coverings.
- D. Testing of concrete floor slabs for moisture and alkalinity (pH).
- E. Remediation of concrete floor slabs due to unsatisfactory moisture or alkalinity (pH) conditions.
 - 1. Contractor shall perform all specified remediation of concrete floor slabs. If such remediation is indicated by testing agency's report and is due to a condition not under Contractor's control or could not have been predicted by examination prior to entering into the contract, a contract modification will be issued.
- F. Patching compound.
- G. Patching of existing concrete floor slabs damaged during previous demolition activity.

1.02 RELATED REQUIREMENTS

- A. Section 01.74.19 - Construction Waste Management and Disposal: Handling of existing floor coverings removed.
- B. Section 03.30.00 - Cast-in-Place Concrete: Moisture emission reducing curing and sealing compound for slabs to receive adhered flooring, to prevent moisture content-related flooring failures; to remain in place, not to be removed.
- C. Section 03.30.00 - Cast-in-Place Concrete: Concrete admixture for slabs to receive adhered flooring, to prevent moisture content-related flooring failures.
- D. Section 03.30.00 - Cast-in-Place Concrete: Limitations on curing requirements for new concrete floor slabs.

1.03 REFERENCE STANDARDS

- A. ASTM C109/C109M - Standard Test Method for Compressive Strength of Hydraulic Cement Mortars (Using 2-in. or (50-mm) Cube Specimens); 2016a.
- B. ASTM C472 - Standard Test Methods for Physical Testing of Gypsum, Gypsum Plasters and Gypsum Concrete; 1999 (Reapproved 2014).
- C. ASTM F710 - Standard Practice for Preparing Concrete Floors to Receive Resilient Flooring; 2011.
- D. ASTM F1869 - Standard Test Method for Measuring Moisture Vapor Emission Rate of Concrete Subfloor Using Anhydrous Calcium Chloride; 2011.
- E. ASTM F2170 - Standard Test Method for Determining Relative Humidity in Concrete Floor Slabs Using in situ Probes; 2011.
- F. RFCI (RWP) - Recommended Work Practices for Removal of Resilient Floor Coverings; Resilient Floor Covering Institute; October 2011.

1.04 ADMINISTRATIVE REQUIREMENTS

- A. Coordinate scheduling of cleaning and testing, so that preliminary cleaning has been completed for

at least 24 hours prior to testing.

1.05 SUBMITTALS

- A. Visual Observation Report: For existing floor coverings to be removed.
- B. Floor Covering and Adhesive Manufacturers' Product Literature: For each specific combination of substrate, floor covering, and adhesive to be used; showing:
 - 1. Moisture and alkalinity (pH) limits and test methods.
 - 2. Manufacturer's required bond/compatibility test procedure.
- C. Testing Agency's Report:
 - 1. Description of areas tested; include floor plans and photographs if helpful.
 - 2. Summary of conditions encountered.
 - 3. Moisture and alkalinity (pH) test reports.
 - 4. Copies of specified test methods.
 - 5. Recommendations for remediation of unsatisfactory surfaces.
 - 6. Include certification of accuracy by authorized official of testing agency.
 - 7. Submit report to Architect.
 - 8. Submit report not more than two business days after conclusion of testing.
- D. Adhesive Bond and Compatibility Test Report.
- E. Copy of RFCI (RWP).
- F. Remedial Materials Product Data: Manufacturer's published data on each product to be used for remediation.

1.06 QUALITY ASSURANCE

- A. Moisture and alkalinity (pH) testing shall be performed by an independent testing agency employed and paid by Contractor.
- B. Testing Agency Qualifications: Independent testing agency experienced in the types of testing specified.
 - 1. Submit evidence of experience consisting of at least 3 test reports of the type required, with project Owner's project contact information.
- C. Contractor's Responsibility Relating to Independent Agency Testing:
 - 1. Provide access for and cooperate with testing agency.
 - 2. Confirm date of start of testing at least 10 days prior to actual start.
 - 3. Allow at least 4 business days on site for testing agency activities.
 - 4. Achieve and maintain specified ambient conditions.
 - 5. Notify Architect when specified ambient conditions have been achieved and when testing will start.
- D. Remedial Coating Installer Qualifications: Company specializing in performing work of the type specified in this section, trained by or employed by coating manufacturer, and able to provide at least 3 project references showing at least 3 years' experience installing moisture emission coatings.

1.07 DELIVERY, STORAGE, AND HANDLING

- A. Deliver, store, handle, and protect products in accordance with manufacturer's instructions and recommendations.
- B. Deliver materials in manufacturer's packaging; include installation instructions.
- C. Keep materials from freezing.

1.08 FIELD CONDITIONS

- A. Maintain ambient temperature in spaces where concrete testing is being performed, and for at least 48 hours prior to testing, at not less than 65 degrees F or more than 85 degrees F.

- B. Maintain relative humidity in spaces where concrete testing is being performed, and for at least 48 hours prior to testing, at not less than 40 percent and not more than 60 percent.

1.09 PATCHING OF EXISTING CONCRETE FLOOR SLABS

- A. Contractor shall repair existing concrete floor slabs damaged from previous demolition activities.
 - 1. In particular, concrete in limited areas on the first floor of the Women's Pavilion and the fourth floor of the Professional Office Building was damaged in the removal of ceramic tile flooring.
 - 2. In each building, concrete mechanical/housekeeping pads were removed during the demolition process and the slabs in these areas repaired to receive new finishes.
 - 3. Refer to Paragraph 3.01.A.7 for additional notes. This will include all gouges and blowouts that occurred during the removal of existing stud track and other items attached to the slab.
- B. Refer to Section 01.21.13 – Allowances for quantity of small holes thru slabs to be infilled.
 - 1. Refer to Detail 23 on Drawing S220 for instructions on patching.
- C. Refer to Structural drawings for locations of larger slab openings to be repaired.
 - 1. Refer to Detail 22 on Drawing S220 for instructions on repair.

PART 2 PRODUCTS

2.01 MATERIALS

- A. Patching Compound: Floor covering manufacturer's recommended product, suitable for conditions, and compatible with adhesive and floor covering. In the absence of any recommendation from flooring manufacturer, provide a product with the following characteristics:
 - 1. Cementitious moisture-, mildew-, and alkali-resistant compound, compatible with floor, floor covering, and floor covering adhesive, and capable of being feathered to nothing at edges.
 - 2. Compressive Strength: 3000 psi, minimum, after 28 days, when tested in accordance with ASTM C109/C109M or ASTM C472, whichever is appropriate.
 - 3. Products:
 - a. ARDEX Engineered Cements; ARDEX Feather Finish: www.ardexamericas.com/#sle.
 - b. Watco Industrial Flooring; Flowpatch; www.watcofloors.com.
 - c. Sakrete; Flo-Coat Concrete Resurfacer; www.sakrete.com
 - d. Substitutions: See Section 01.25.00 – Substitution Procedures.
- B. Alternate Flooring Adhesive: Floor covering manufacturer's recommended product, suitable for the moisture and pH conditions present; low-VOC. In the absence of any recommendation from flooring manufacturer, provide a product recommended by adhesive manufacturer as suitable for substrate and floor covering and for conditions present.

PART 3 EXECUTION

3.01 CONCRETE SLAB PREPARATION

- A. Perform following operations in the order indicated:
 - 1. Existing concrete slabs (on-grade and elevated) with existing floor coverings:
 - a. Visual observation of existing floor covering, for adhesion, water damage, alkaline deposits, and other defects.
 - b. Removal of existing floor covering.
 - 2. Preliminary cleaning.
 - 3. Moisture vapor emission tests; 3 tests in the first 1000 square feet and one test in each additional 1000 square feet, unless otherwise indicated or required by flooring manufacturer.
 - 4. Internal relative humidity tests; in same locations as moisture vapor emission tests, unless otherwise indicated.
 - 5. Alkalinity (pH) tests; in same locations as moisture vapor emission tests, unless otherwise indicated.
 - 6. Specified remediation, if required.
 - 7. Patching, smoothing, and leveling, as required to provide an acceptable surface for the installation

- of new flooring materials.
- 8. Other preparation specified.
- 9. Adhesive bond and compatibility test.
- 10. Protection.

B. Remediations:

- 1. Active Water Leaks or Continuing Moisture Migration to Surface of Slab: Correct this condition before doing any other remediation; re-test after correction.
- 2. Excessive Moisture Emission or Relative Humidity: If an adhesive that is resistant to the level of moisture present is available and acceptable to flooring manufacturer, use that adhesive for installation of the flooring; if not, apply remedial floor coating or remedial sheet membrane over entire suspect floor area.
- 3. Excessive Alkalinity (pH): If remedial floor coating is necessary to address excessive moisture, no additional remediation is required; if not, if an adhesive that is resistant to the level present is available and acceptable to the flooring manufacturer, use that adhesive for installation of the flooring; otherwise, apply a skim coat of specified patching compound over entire suspect floor area.

3.02 REMOVAL OF EXISTING FLOOR COVERINGS

- A. Comply with local, State, and federal regulations and recommendations of RFCI Recommended Work Practices for Removal of Resilient Floor Coverings, as applicable to floor covering being removed.
- B. Dispose of removed materials in accordance with local, State, and federal regulations and as specified.

3.03 PRELIMINARY CLEANING

- A. Clean floors of dust, solvents, paint, wax, oil, grease, asphalt, residual adhesive, adhesive removers, film-forming curing compounds, sealing compounds, alkaline salts, excessive laitance, mold, mildew, and other materials that might prevent adhesive bond.
- B. Do not use solvents or other chemicals for cleaning.

3.04 MOISTURE VAPOR EMISSION TESTING

- A. Where the floor covering manufacturer's requirements conflict with either the referenced test method or this specification, comply with the manufacturer's requirements.
- B. Where this specification conflicts with the referenced test method, comply with the requirements of this section.
- C. Test in accordance with ASTM F1869 and as follows.
- D. Plastic sheet test and mat bond test may not be substituted for the specified ASTM test method, as those methods do not quantify the moisture content sufficiently.
- E. In the event that test values exceed floor covering manufacturer's limits, perform remediation as indicated. In the absence of manufacturer limits, perform remediation if test values exceed 3 pounds per 1000 square feet per 24 hours.
- F. Report: Report the information required by the test method.

3.05 INTERNAL RELATIVE HUMIDITY TESTING

- A. Where the floor covering manufacturer's requirements conflict with either the referenced test method or this specification, comply with the manufacturer's requirements.
- B. Where this specification conflicts with the referenced test method, comply with the requirements of this section.
- C. Test in accordance with ASTM F2170 Procedure A and as follows.
- D. Testing with electrical impedance or resistance apparatus may not be substituted for the specified ASTM test method, as the values determined are not comparable to the ASTM test values and do not quantify the moisture content sufficiently.
- E. In the event that test values exceed floor covering manufacturer's limits, perform remediation as

indicated. In the absence of manufacturer limits, perform remediation if any test value exceeds 75 percent relative humidity.

- F. Report: Report the information required by the test method.

3.06 ALKALINITY TESTING

- A. Where the floor covering manufacturer's requirements conflict with either the referenced test method or this specification, comply with the manufacturer's requirements.
- B. The following procedure is the equivalent of that described in ASTM F710, repeated here for the Contractor's convenience.
- C. Use a wide range alkalinity (pH) test paper, its associated chart, and distilled or deionized water.
- D. Place several drops of water on a clean surface of concrete, forming a puddle approximately 1 inch in diameter. Allow the puddle to set for approximately 60 seconds, then dip the alkalinity (pH) test paper into the water, remove it, and compare immediately to chart to determine alkalinity (pH) reading.
- E. In the event that test values exceed floor covering manufacturer's limits, perform remediation as indicated. In the absence of manufacturer limits, perform remediation if alkalinity (pH) test value is over 10.

3.07 PREPARATION

- A. See individual floor covering section(s) for additional requirements.
- B. Comply with recommendations of testing agency.
- C. Comply with requirements and recommendations of floor covering manufacturer.
- D. Fill and smooth surface cracks, grooves, depressions, control joints and other non-moving joints, and other irregularities with patching compound.
- E. Do not fill expansion joints, isolation joints, or other moving joints.

3.08 ADHESIVE BOND AND COMPATIBILITY TESTING

- A. Comply with requirements and recommendations of floor covering manufacturer.

3.09 PROTECTION

- A. Cover prepared floors with building paper or other durable covering.

END OF SECTION 09.05.61

SECTION 10.14.00
SIGNAGE

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Room and door signs.
- B. Interior directional and informational signs.
- C. Emergency evacuation maps.
- D. Building identification signs.
- E. Traffic signs in parking garages.
- G. Fire and smoke assembly identification signage.
- ~~H. Stairway identification signage~~
- I. Monumental sign.
- J. Vinyl door Signage
- K. Unit prices for additional individual signs.
- M. Allowance for a bronze project plaque.

1.02 REFERENCE STANDARDS

- A. 36 CFR 1191 - Americans with Disabilities Act (ADA) Accessibility Guidelines for Buildings and Facilities; Architectural Barriers Act (ABA) Accessibility Guidelines; current edition.
- B. ADA Standards - Americans with Disabilities Act (ADA) Standards for Accessible Design; 2010.
- C. ICC A117.1 - Accessible and Usable Buildings and Facilities; 2009.
- D. ICC (IBC) - International Building Code, 2018.

1.03 SUBMITTALS

- A. See Section 01.30.00 - Administrative Requirements, for submittal procedures.
- B. Product Data: Manufacturer's printed product literature for each type of sign, indicating sign styles, font, foreground and background colors, locations, overall dimensions of each sign.
- C. Signage Schedule: Provide information sufficient to completely define each sign for fabrication, including room number, room name, other text to be applied, sign and letter sizes, fonts, and colors.
 - 1. When room numbers to appear on signs differ from those on the drawings, include the drawing room number on schedule.
 - 2. When content of signs is indicated to be determined later, request such information from Owner through Architect at least 2 months prior to start of fabrication; upon request, submit preliminary schedule.
 - 3. Submit for approval by Owner through Architect prior to fabrication.
- D. Samples: Submit two samples of each type of sign, of size similar to that required for project, illustrating sign style, font, and method of attachment.
- E. Selection Samples: Where colors are not specified, submit two sets of color selection charts or chips.
- F. Verification Samples: Submit samples showing colors specified.
- G. Manufacturer's Installation Instructions: Include installation templates and attachment devices.
- H. Maintenance Materials: Furnish the following for Owner's use in maintenance of project.
 - 1. Curved Sign Media Suction Cups: One for each 100 signs; for removing media.

1.04 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Company specializing in manufacturing the products specified in this section with minimum three years of documented experience.

1.05 DELIVERY, STORAGE, AND HANDLING

- A. Package signs as required to prevent damage before installation.

- B. Package room and door signs in sequential order of installation, labeled by floor or building.
- C. Store tape adhesive at normal room temperature.

1.06 FIELD CONDITIONS

- A. Do not install tape adhesive when ambient temperature is lower than recommended by manufacturer.
- B. Maintain this minimum temperature during and after installation of signs.

PART 2 PRODUCTS

2.01 MANUFACTURERS

- A. Flat Signs:
 - 1. APCO Signs; www.apcosigns.com
 - 2. Best Sign Systems, Inc: www.bestsigns.com.
 - 2. Mohawk Sign Systems, Inc: www.mohawksign.com.
 - 3. ASI Sign Systems, Inc., www.asisignage.com .
 - 4. Substitutions: See Section 01.25.00 – Substitution Procedures.
- B. Dimensional Letter Signs and Plaques:
 - 1. Cosco Industries; Cast Aluminum: www.coscoarchitecturalsigns.com.
 - 2. Substitutions: See Section 01.25.00 – Substitution Procedures.

~~C. Stairway Identification Signage:~~

- ~~1. EverGlow NA, Inc.: www.everglow.us.~~
- ~~2. Substitutions: See Section 01.25.00 – Substitution Procedures.~~

2.02 SIGNAGE APPLICATIONS

- A. Accessibility Compliance: Signs are required to comply with ADA Standards, ICC A117.1 and applicable building codes, unless otherwise indicated; in the event of conflicting requirements, comply with the most comprehensive and specific requirements.
- B. Room and Door Signs, Type A: For all private offices that will receive a replaceable occupant name.
 - 1. Sign Type A: Modular, frameless sign system.
 - a. Basis of Design: "Elevate" by APCO Sign Company.
 - b. Substitutions: See Section 01.60.00 - Product Requirements.
 - 2. Provide "tactile" signage, with letters raised minimum 1/32 inch and Grade II braille.
 - 3. Character Height and Type: To be selected by Architect and Owner.
 - 4. Sign Size: 5 inches high x 8-1/2 inches wide, composed of two panels with no divider bar between panels.
 - a. Upper Panel: 2 inch high, acrylic panel with direct print raised characters and fully domed Braille.
 - b. Lower Panel: 3 inch high extruded aluminum panel to accept paper inserts with non-glare Lexan overlay. Provide end caps on both sides.
 - 6. Sign Texture: Eggshell, non-glare finish.
 - 7. Sign Color: As selected. Braille shall be same color as background.
 - 8. Sign Mounting: Double-sided adhesive tape typical; other mounting as required.
 - a. At glass surfaces, provide and apply painted adhesive-backed vinyl to the opposite side of glass to conceal the sign chassis and any overhanging inserts/displays.
- C. Room and Door Signs, Type B: Provide a sign for every room or space, whether it has a door or not, not including corridors, lobbies, and similar open areas, or rooms designated to receive Sign Type A.
 - 1. Sign Type B: Modular, frameless sign system.
 - a. Basis of Design: "Elevate" by APCO Sign Company.
 - b. Substitutions: See Section 01.60.00 - Product Requirements.
 - 2. Provide "tactile" signage, with letters raised minimum 1/32 inch and Grade II braille.
 - 3. Character Height and Type: To be selected by Architect and Owner.
 - 4. Sign Size: 5 inches high x 8-1/2 inches wide, composed of two panels with no divider bar between panels.
 - a. Upper Panel: 2 inch high, acrylic panel with direct print raised characters and fully domed Braille.
 - b. Lower Panel: 3 inch high, acrylic panel with painted background/edges and direct flatbed text.
 - 6. Sign Texture: Eggshell, non-glare finish.

7. Sign Color: As selected. Braille shall be same color as background.
 8. Sign Mounting: Double-sided adhesive tape typical; other mounting as required.
 - a. At glass surfaces, provide and apply painted adhesive-backed vinyl to the opposite side of glass to conceal the sign chassis and any overhanging inserts/displays.
- D. Rest Rooms: Provide a sign at each restroom door.
1. Sign Type C: Modular, frameless sign system.
 - a. Basis of Design: "Elevate" by APCO Sign Company.
 - b. Substitutions: See Section 01.60.00 - Product Requirements.
 2. Provide "tactile" signage, with letters raised minimum 1/32 inch and Grade II braille.
 3. Character Height and Type: To be selected by Architect and Owner.
 4. Sign Size: 8 inches high x 8-1/2 inches wide, composed of two panels with no divider bar between panels.
 - a. Upper Panel: 2 inch high, acrylic panel with direct print raised characters and fully domed Braille.
 - b. Lower Panel: 6 inch high, acrylic panel with painted background/edges and direct flatbed text.
 6. Sign Texture: Eggshell, non-glare finish.
 7. Sign Color: As selected. Braille shall be same color as background.
 8. Sign Mounting: Double-sided adhesive tape typical; other mounting as required.
- E. Interior Directional and Informational Signs - Large: Provide a total of 24, to be placed in locations to be determined.
1. Sign Type D: Modular, frameless sign system.
 - a. Basis of Design: "Elevate" by APCO Sign Company.
 - b. Substitutions: See Section 01.60.00 - Product Requirements.
 2. Character Height and Type: To be selected by Architect and Owner.
 3. Sign Size: 16 inches high x 14 inches wide, composed of two panels with no divider bar between panels.
 - a. Upper Panel: 2 inch high, acrylic panel with painted background/edges and direct flatbed text.
 - b. Lower Panel: 14 inch high, acrylic panel with painted background/edges and direct flatbed text.
 4. Sign Texture: Eggshell, non-glare finish.
 5. Sign Color: As selected.
 6. Sign Mounting: Per manufacturer's recommendation.
- F. Interior Directional and Informational Signs - Small: Provide a total of 45, to be placed in locations to be determined.
1. Sign Type E: Modular, frameless sign system.
 - a. Basis of Design: "Elevate" by APCO Sign Company.
 - b. Substitutions: See Section 01.60.00 - Product Requirements.
 2. Character Height and Type: To be selected by Architect and Owner.
 3. Sign Size: 10 inches high x 14 inches wide, composed of two panels with no divider bar between panels.
 - a. Upper Panel: 2 inch high, acrylic panel with painted background/edges and direct flatbed text.
 - b. Lower Panel: 8 inch high, acrylic panel with painted background/edges and direct flatbed text.
 4. Sign Texture: Eggshell, non-glare finish.
 5. Sign Color: As selected.
 6. Sign Mounting: Per manufacturer's recommendation.
- G. Evacuation Maps: Provide a total of 24, to be placed in locations to be determined.
1. Sign Type F: Modular, frameless sign system.
 - a. Basis of Design: "Elevate" by APCO Sign Company.
 - b. Substitutions: See Section 01.60.00 - Product Requirements.
 2. Character Height and Type: To be selected by Architect and Owner.
 3. Sign Size: 13 inches high x 11 inches wide, composed of two panels with no divider bar between panels.
 - a. Upper Panel: 2 inch high, acrylic panel with painted background/edges and direct flatbed text
 - b. Lower Panel: 11 inch high, acrylic panel with painted background/edges and direct flatbed graphics.
 4. Sign Texture: Eggshell, non-glare finish.
 5. Sign Color: As selected. Braille shall be same color as background.
 6. Sign Mounting: Double-sided adhesive tape typical; other mounting as required.
 7. Map Content: To be provided by Owner.
- H. Building Identification Signs: Reverse channel/fabricated letters.

1. Material: Aluminum
 2. Size: As indicated on drawings.
 3. Font: As indicated on drawings.
 4. Finish: Brushed
 5. Mounting: 1 inch projected mount with collars and threaded studs.
 6. Text: As indicated on drawings. Confirm with Architect.
 7. Template: Provide full size paper mounting template showing hole placement and location of mounting holes.
- I. Traffic Signs in Parking Garage:
1. Provide painted parking level graphics as shown on drawings.
 2. Accessible parking spaces: Provide wall mounted signage to meet ADA accessibility standards for van and auto accessible spaces. Refer to parking lot plans for locations of accessible spaces.
- J. Fire and Smoke Assembly Identification Signage: Provide marking and identification signage of fire barriers, fire partitions, smoke barriers and smoke partitions or any other wall required to have protected openings or penetrations, per Section 07.05.53 – Fire and Smoke Assembly Identification.
- ~~K. Stairway Identification Signage:~~
- ~~1. Provide Luminous Egress Path Signs meeting stairway identification signage requirements per IBC 1023.9 & 1023.9.1 for all stairs connecting more than three stories.~~
 - ~~2. Provide Luminous Egress Path Markings meeting stairway identification signage requirements per IBC 1025 for all stairs connecting more than three stories.~~
- L. Monumental Sign: Reverse channel letters and laser cut metal sign mounted to cast-in-place concrete frame and base.
1. Reverse channel/fabricated letters:
 - a. Material: Aluminum
 - b. Size: As indicated on drawings.
 - c. Font: As indicated on drawings.
 - d. Finish: Brushed
 - e. Mounting: 1 inch projected mount with collars and threaded studs.
 - f. Text: As indicated on drawings. Confirm with Architect.
 2. Laser cut metal sign:
 - a. Material: Aluminum, brushed finish.
 - b. Size: As shown on drawings.
 - c. Sign thickness: 3/8 inch.
 - d. Letter cut-outs: Size, font and text as indicated on drawings. Confirm with Architect.
 - e. Mounting: Aluminum stand-offs, 1 inch protrusion from back of sign to front face of concrete, size as recommended by sign manufacturer.
 2. Frame and Base:
 - a. Material: Cast in place concrete, see Section 03.30.00
 - b. Dimensions: As shown on drawings.
 - c. Finish: Light sandblast.
 - d. Color: Provide colored concrete as selected by Architect.
- M. Vinyl Door Signage: Provide signs made of individual letters made of cut vinyl graphic film applied directly to glass storefront doors. Provide a total of 12, to be placed in locations to be determined.
1. Character Height and Type: To be selected by Architect and Owner.
 2. Material & Colors:
 - a. Material: High performance cast vinyl graphic film products such as 3M Scotchcal or equal with a 5 year or greater warranty.
 - b. Color: Selected by Architect from manufacturer's complete line of standard colors.
 3. All lettering must be computer cut from professional quality artwork. No hand cut vinyl film shall be installed.
 4. Signs shall be cut from sufficiently large rolls of material to minimize seams or joining of material to create one sign.
 5. Installation method:
 - a. Signs shall be installed free of bubbles, wrinkles or other anomalies.
 - b. Provide signs as either front applied (first surface) or reverse applied (second surface) as required.

2.03 ACCESSORIES

- A. Concealed Screws: Stainless steel, galvanized steel, chrome plated, or other non-corroding metal.

- B. Exposed Screws: Stainless steel.
- C. Tape Adhesive: Double sided tape, permanent adhesive.

2.04 UNIT PRICES

- A. Refer to Specification Section 01.22.00 – Unit Prices
- B. Provide unit pricing for the procurement and installation of each additional sign of sign types D, E, and F above the number specified in Section 2.02.

2.05 ALLOWANCES

- A. Refer to Specification Section 01.21.13 – Allowances.
- B. Include a price of \$3,000 for the design, fabrication and installation of a bronze project plaque, to be placed at the main entrance of the building.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Verify that substrate surfaces are ready to receive work.

3.02 INSTALLATION

- A. Locate sign units and accessories where indicated, using mounting methods of the type described and in compliance with the manufacturer's instructions.
 - 1. Room and Door Signs: Locate on wall at latch side of door with centerline of sign at 60 inches above finished floor, per ADA criteria. Locate per ADA criteria for exceptions when typical conditions do not occur.
 - 2. If no location is indicated, obtain Owner's instructions.
- B. Install signs level, plumb, and at the height indicated with sign surfaces free from distortion or other defects in appearance.
- C. After installation, clean soiled sign surfaces according to the manufacturer's instructions.
- D. Protect from damage until Substantial Completion; repair or replace damage items.

END OF SECTION 10.14.00

SECTION 32.31.13
CHAIN LINK FENCES AND GATES

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Posts, rails, and frames.
- B. Wire fabric, for both standard and secure locations.
 - 1. Secure fence locations are in the POB garage for Found Property Storage and Exterior Armory/KPD Storage.
- C. Manual gates with related hardware.

1.02 RELATED REQUIREMENTS

- A. Section 03.30.00 - Cast-in-Place Concrete: Concrete anchorage for posts.

1.03 REFERENCE STANDARDS

- A. ASTM A123/A123M - Standard Specification for Zinc (Hot-Dip Galvanized) Coatings on Iron and Steel Products; 2017.
- B. ASTM A153/A153M - Standard Specification for Zinc Coating (Hot-Dip) on Iron and Steel Hardware; 2016a.
- C. ASTM A392 - Standard Specification for Zinc-Coated Steel Chain-Link Fence Fabric; 2011a (Reapproved 2017).
- D. ASTM A1011/A1011M - Standard Specification for Steel, Sheet and Strip, Hot-Rolled, Carbon, Structural, High-Strength Low-Alloy, High-Strength Low-Alloy with Improved Formability, and Ultra-High Strength; 2017.
- E. ASTM C94/C94M - Standard Specification for Ready-Mixed Concrete; 2017a.
- F. ASTM F567 - Standard Practice for Installation of Chain-Link Fence; 2014a.
- G. ASTM F1043 - Standard Specification for Strength and Protective Coatings on Steel Industrial Fence Framework; 2017a.
- H. ASTM F1083 - Standard Specification for Pipe, Steel, Hot-Dipped Zinc-Coated (Galvanized) Welded, for Fence Structures; 2016.
- I. CLFMI CLF-FIG0111 - Field Inspection Guide; 2014.
- J. CLFMI CLF-PM0610 - Product Manual; 2017.
- K. CLFMI CLF-SFR0111 - Security Fencing Recommendations; 2014.

1.04 SUBMITTALS

- A. See Section 01.30.00 - Administrative Requirements, for submittal procedures.
- B. Product Data: Provide data on fabric, posts, accessories, fittings and hardware.
- C. Shop Drawings: Indicate plan layout, spacing of components, post foundation dimensions, hardware anchorage, and schedule of components. See CLFMI CLF-SFR0111 for planning and design recommendations.
- D. Manufacturer's Installation Instructions: Indicate installation requirements, post foundation anchor bolt templates, and .

1.05 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Company specializing in manufacturing products specified in this section, with not less than three years of documented experience.

1.06 WARRANTY

- A. See Section 01.78.00 - Closeout Submittals, for additional warranty requirements.

PART 2 PRODUCTS

2.01 MANUFACTURERS

- A. Chain Link Fences and Gates:
 - 1. Master-Halco, Inc: www.masterhalco.com/#sle.
 - 2. Merchants Metals: www.merchantsmetals.com/#sle.
 - 3. Substitutions: See Section 01.25.00 – Substitution Procedures.

2.02 MATERIALS

- A. Posts, Rails, and Frames:
 - 1. ASTM A1011/A1011M, Designation SS; hot-rolled steel strip, cold formed to pipe configuration, longitudinally welded construction, minimum yield strength of 50 ksi; zinc coating conforming to ASTM F1043 and ASTM F1083.
 - 2. Line Posts: Type I round.
 - 3. Terminal, Corner, Rail, Brace, and Gate Posts: Type I round.
 - 4. Conform to CLFMI CLF-PM0610.
- B. Wire Fabric:
 - 1. ASTM A392 zinc coated steel chain link fabric.
 - 2. Conform to CLFMI CLF-PM0610.

2.03 COMPONENTS

- A. Line Posts: 1.9 inch diameter.
- B. Corner and Terminal Posts: 2.38 inch diameter.
- C. Wire Fabric:
 - 1. Standard: 2 inch diamond mesh interwoven wire, 6 gage, 0.1920 inch thick, top selvage knuckle end closed, bottom selvage twisted tight.
 - 2. Secure: 3/8" square mesh interwoven wire, 12 gage, attached to frame on all sides.

2.04 MANUAL GATES AND RELATED HARDWARE

- A. Hardware for Single Swinging Gates: 180 degree hinges, 2 for gates up to 60 inches high, 3 for taller gates; fork latch with gravity drop and padlock hasp; keeper to hold gate in fully open position.
- B. Hinges: Finished to match fence components.
 - 1. Brackets: Round.
 - 2. Mounting: Center.
 - 3. Closing: Self.
 - 4. Products:
 - a. D&D Technologies USA, Inc: www.ddtechglobal.com/#sle.
 - b. Substitutions: See Section 01 60 00 - Product Requirements.
- C. Latches: Finished to match fence components.
 - 1. Brackets: Round.
 - 2. Locking: Mechanical.
 - 3. Products:
 - a. D&D Technologies USA, Inc: www.ddtechglobal.com/#sle.
 - b. Substitutions: Refer to Section 01.25.00 – Substitution Procedures.

2.05 ACCESSORIES

- A. Caps: Cast steel galvanized; sized to post diameter, set screw retainer.
- B. Fittings: Sleeves, bands, clips, rail ends, tension bars, fasteners and fittings; steel.

2.06 FINISHES

- A. Components and fabric: Galvanized in accordance with ASTM A123/A123M, at 1.7 ounces per square foot.
- B. Hardware: Hot-dip galvanized to weight required by ASTM A153/A153M.
- C. Accessories: Same finish as framing.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Verification of Conditions: Verify that areas are clear of obstructions or debris.

3.02 INSTALLATION

- A. Install framework, fabric, accessories and gates in accordance with ASTM F567.

3.03 TOLERANCES

- A. Maximum Variation From Plumb: 1/4 inch.
- B. Maximum Offset From True Position: 1 inch.
- C. Do not infringe on adjacent property lines.

3.04 FIELD QUALITY CONTROL

- A. Layout: Verify that fence installation markings are accurate to design, paying attention to gate locations, underground utilities, and property lines.
- B. Fence Height: Randomly measure fence height at three locations or at areas that appear out of conformance against design.
- C. Gates: Inspect for level, plumb, and alignment.
- D. Workmanship: Verify neat installation free of defects. See CLFMI CLF-FIG0111 for field inspection guidance.

3.05 CLEANING

- A. Clean jobsite of excess materials; scatter excess material from post hole excavations uniformly away from posts. Remove excess material if required.
- B. Clean fence with mild household detergent and clean water rinse well.

END OF SECTION 32.92.19

ANSUL® INERGEN® CLEAN AGENT FIRE SUPPRESSION SYSTEM

PART 1 – GENERAL

1.1 DESCRIPTION OF WORK

- A. Design and installation of an engineered fire detection and INERGEN® iFLOW total flooding, gaseous agent, fire suppression system, AUTOPULSE Z-20 Releasing Panel and the ANSUL® Lithium-Ion Risk Prevention system. The work described in this specification includes all engineering, labor, materials, equipment, design and service necessary and required to complete and test the suppression system.
- B. System design is based on the use of Selector valves to direct the flow of INERGEN® agent into the protected zone where indicated on drawings. Quantity of INERGEN® cylinders is to be based on the largest zone of protection. Cylinders shall be provided to offer adequate protection of the largest zone of protection. Selector valves shall be provided to supply discharge of proper design concentration of INERGEN® agent into the protected zone.
- C. Drawings: The contract drawings indicate the general arrangements of the areas to receive detection and INERGEN® iFLOW system protection. Contractor is to review all drawings so that all items affecting the operation of the fire detection/INERGEN® iFLOW fire suppression system (such as equipment location, air diffusers, damper closures, and door openings) are considered in the design of the engineered system.

1.2 APPLICABLE STANDARDS AND PUBLICATIONS

- A. The following publications of the issues listed below, but referred to thereafter by basic designation only, form a part of this specification to the extent indicated by the reference thereto (latest edition):
 - 1. National Fire Protection Association (NFPA) Standards:
 - NFPA 2001: Standard on Clean Agent Fire Extinguishing Systems
 - NFPA 70: National Electrical Code
 - NFPA 72: National Fire Alarm and Signaling Code
 - NFPA 75: Standard for the Fire Protection of Information Technology Equipment
 - NFPA 76: Standard for the Fire Protection of Telecommunications Facilities
 - NFPA 855: Standard for the Installation of Stationary Energy Storage Systems
 - 2. Factory Mutual Systems (FM) 5600 Publication:
 - Factory Mutual Approval Guide
 - Factory Mutual Data Sheets
 - 3. Underwriters Laboratories, Inc. (UL) Publication
 - UL 217: Smoke Detectors, Single and Multiple Stations
 - UL 228: Door Closers–Holders for Fire Protective Signaling Systems
 - UL 268: Standard for Smoke Detectors for Open Areas
 - UL 268A: Standard for Smoke Detectors for Duct Application
 - UL 521: Heat Detectors for Fire Protective Signaling Systems
 - UL 864: Control Units and Accessories for Fire Alarm Systems
 - UL 1638: Visual Signaling Appliances
 - UL 1971: Signaling Devices for Hearing Impaired Fire Protection Equipment

4. National Electrical Manufacturers Association (NEMA) Publication. Enclosures for Industrial Controls and Systems
5. U.S. Environmental Protection Agency, Protection of Stratospheric Ozone 59 FR 13044, March 18, 1994 (Final SNAP Ruling)
6. Requirements of the Authority Having Jurisdiction (AHJ)
7. Manufacturer's Design, Installation, Operation and Maintenance Manual
8. The complete system shall have the following applicable listings and approvals
 - a) Underwriters Laboratories Inc.
 - b) Factory Mutual Global

1.3 REQUIREMENTS

- A. This installation shall be made in strict accordance with the drawings, specifications, and applicable NFPA Standards. All equipment and devices used shall be listed by the applicable agencies (UL, ULC, and FM).
- B. Design and installation of the fire detection / INERGEN® iFLOW fire suppression system will be in strict accordance with the following guidelines and regulatory agencies:
 1. NFPA 2001 Clean Agent Fire Extinguishing Systems
 2. NFPA 72 National Fire Alarm Code, Latest Edition
 3. NFPA 70 National Electric Codes, Latest Edition
 4. Americans with Disabilities Act, Title 24, Latest Edition

1.4 GENERAL

- A. Furnish all engineering design and materials for a complete fire detection / INERGEN® iFLOW fire suppression system including charged INERGEN® iFLOW storage containers, nozzles, control unit, detectors, wiring, raceways, annunciators, alarms and all other equipment necessary for a complete operational system.
- B. Major system components shall be produced by Johnson Controls (no alternatives) and shall be installed by an authorized distributor certified for the design, installation and service of INERGEN® iFLOW fire suppression systems.
- C. New and unused materials and equipment must be used for the system, the exception being listed and approved factory reconditioned container assemblies.
- D. Distributor shall, as a minimum, provide 24-hour emergency service, 7 days a week and shall be able to respond to an emergency situation within 2 hours of receiving an emergency trouble call. In addition, contractor shall maintain liability insurance.

1.5 SUBMITTAL

- A. The following shall be submitted for approval prior to delivery of materials:
 1. Material and equipment information shall include manufacturer's catalog cut sheet and technical data for each component or device used in the system. This shall include, but not be limited to, the following:
 - a) Detectors

- b) Manual release switches
 - c) Control unit
 - d) Release devices
 - e) Alarm devices
 - f) Agent storage containers
 - g) Mounting brackets
 - h) Discharge nozzles
 - i) Abort switches
 - j) Piping isometrics
 - k) Flow calculations
- B. Provide information outlining the warranty of each component or device used in the system.
 - C. Provide information outlining the operation and maintenance procedures that will be required of the owner. This information shall explain any special knowledge or tools the owner will be required to use and all spare parts that should be readily available.
 - D. Drawings shall indicate locations, installation details and operation details of all equipment associated with the INERGEN® iFLOW system. Floor plans shall be provided showing equipment locations, piping, point-to-point wiring and other details as required. Floor plans shall be drawn to a scale of not less than 1/8 in. (3.2 mm) = 1 ft 0 in. (0.3 m). Elevations, cross sections and other details shall be drawn to a larger scale as required. Isometric piping layouts shall be provided with the shop drawings. In addition, point-to-point electrical layout drawings shall be provided.
 - E. Show a complete Riser diagram with specific detail on connections to all monitor and control functions.
 - F. Testing plan that includes means, methods and schedules for interface testing with systems that will be interfaced to via monitor or control modules.
 - G. Sequence of operation, electrical schematics and connection diagrams shall be provided to completely describe the operation of the INERGEN® iFLOW system controls.
 - H. Flow Calculations per Section 4.2

PART 2 – PRODUCTS

2.1 SYSTEM DESCRIPTION AND OPERATION

- A. The equipment manufacturer shall be Johnson Controls sold under brands including ANSUL®, INERGEN® and AUTOPULSE.
- B. The system shall be an INERGEN® iFLOW total flooding, gaseous, clean agent, fire suppression system designed to provide a uniform concentration of INERGEN® agent for the protected area. Agent shall be IG-541.

The amount of INERGEN® agent to be provided shall be at least the amount required to obtain a uniform (minimum) concentration as required by the ANSUL® INERGEN® iFLOW Design, Installation, Operation, and Maintenance Manual for a minimum period of 30 minutes or for a time period to allow for response by trained personnel. Take into consideration such factors as non-closable openings (if any), “rundown” time of fans, time required for dampers to close (and requirements for any additional dampers), and any other feature of the facility that could affect concentration. The design concentration shall meet the requirements of the ANSUL® INERGEN® iFLOW Design, Installation, Operation, and Maintenance Manual.

The general contractor shall be responsible for sealing and securing the hazard areas against agent loss and / or leakage during the “hold” period, which is a minimum period of 30 minutes or a time period sufficient to allow for cooling of the lithium-ion batteries and response by trained personnel

- C. The INERGEN® system shall be automatically actuated by either counting zone detection or cross-zoned detection methodology. Smoke sensors / detectors shall utilize photoelectric technology and/or Aspiration Smoke Detectors (ASD) for very early warning smoke detection. Smoke detectors and ASD sample points shall be installed at no more than 250 ft² (23.2 m²) of coverage per detector. When using analog addressable sensors or ASD detectors offering pre-alarm thresholds, further system design consideration is suggested for providing very early warning detection which can offer extended investigation time prior to suppression agent release. In all cases, the compatibility listings of the detectors for use with the control unit should be observed. The system shall require two detectors in alarm prior to automatic agent release.

Both Photoelectric and ASD type smoke detectors can be combined in the releasing process, using one of following methods:

1. 1st alarm ASD / 2nd alarm ASD
2. 1st alarm ASD / 2nd alarm Photoelectric Detector
3. 1st alarm Photoelectric Detector / 2nd alarm Photoelectric Detector

2.2 SEQUENCE OF OPERATION

- A. Activation of any single detector in any detection zone shall:

1. Cause a first-stage alarm.
2. Energize a lamp on the activated detector and identify detector on the display of the control panel (and remote annunciator, if included).

Note: The shutdown of electrical equipment will be optional based on requirements of the local AHJ or applicable standards.

- B. Activation of a second smoke detector shall:

1. Transmit an alarm signal to remote monitoring or building alarm panel.
2. Cause a second-stage (pre-discharge) Audio/Visual alarm to operate.
3. Operate auxiliary contacts for air conditioning shutdowns and automatic dampers.
4. Initiate a programmable pre-discharge time delay (INERGEN® agent release).

- C. Upon completion of the time delay the INERGEN® iFLOW system shall:

1. Cause a discharge alarm to be activated.
2. Operate auxiliary contacts for emergency power off of all electrical equipment (excluding lighting and emergency circuits for life safety).
3. Activate visual alarms (strobe) at protected area entrance.
4. Energize control solenoid for INERGEN® iFLOW container, releasing gaseous agent into the protected area.

2.3 AUXILIARY COMPONENTS

- A. Double action manual releasing stations shall be provided at each exit of the protected area, and shall, when activated, release the INERGEN® agent and cause all audible / visual alarms to activate. In addition, activation of the manual releasing stations shall cause immediate shutdown of air and power circuits.
- B. Abort station shall be provided at each exit of the protected area, and shall, when operated, interrupt the pre-discharge time delay of the INERGEN® agent and emergency power-off functions. The abort station shall be momentary devices (dead-man) requiring constant pressure to maintain contact closure.

Note: Manual Releasing Station activation shall override any abort station.
Abort station operation shall be per IRI and FM guidelines.

PART 3 – MATERIAL AND EQUIPMENT

3.1 GENERAL REQUIREMENTS

- A. Materials and equipment shall be of a single manufacturer (Johnson Controls). Alternates will not be accepted. The name of the manufacturer and the serial numbers shall appear on all major components.

3.2 GENERAL MATERIALS – ELECTRICAL

- A. All electrical enclosures, raceways, and conduits shall be installed in accordance with applicable codes and intended use, and contain only those electrical circuits associated with the fire detection and control system, and shall not contain any circuit that is unrelated to the system.
- B. Unless specifically provided otherwise in each case, all conductors shall be enclosed in steel conduit, rigid, or thin wall as conditions dictate.
- C. Any conduit or raceway exposed to weather or other similar conditions shall be properly sealed and installed to prevent damage. Provisions for draining and/or drying shall be in place.
- D. NEMA rating and/or electrically hazardous classifications shall be observed, and any equipment or materials installed must meet or exceed the requirements of service.
- E. Any wiring shall be of the proper size to conduct the circuit current, but shall not be smaller than #18 AWG unless otherwise specified for a given purpose. Wire that has scrapes, nicks, gouges, or crushed insulation shall not be used. The use of aluminum wire is strictly prohibited.
- F. Splicing of circuits shall be kept to a minimum, and are only to be found in an electrical device suited for the purpose.
- G. Wire spliced together shall have the same color insulation.
- H. Wire splices shall be made with appropriate devices suited for the purpose.
- I. All wire terminations shall be made with crimp terminals unless the device at the termination is designed for bare wire terminations.
- J. All electrical circuits shall be numerically tagged with suitable devices at the terminating point and/ or splice. All circuit numbers shall correspond with the installation drawings.
- K. The use of colored wires is encouraged but not required unless dictated by state or local authorities.

- L. Colored wire, in-line with national standard, shall be used exclusively for the identification of the neutral conductor of an alternating current circuit.
- M. Green-colored wire shall be used exclusively for the identification of the earth ground conductor of an AC or DC circuit.

3.3 CONTROL SYSTEMS – GENERAL

- A. All control systems shall be UL Listed and FM Approved, and shall be utilized with listed or approved compatible operating devices, and shall be capable of the following features:
 - 1. Ground fault indication
 - 2. Supervised detection circuit(s)
 - 3. Supervised alarm circuit(s)
 - 4. Supervised release circuit(s)
 - 5. Supervised manual release circuit (if applicable)
 - 6. Supervised primary power circuit
 - 7. Battery standby
 - 8. 4.3" color touchscreen LCD operator interface and LED indicating lamps
 - 9. Key lock steel enclosure
 - 10. Programmable time delay
 - 11. Programmable detection logic
 - 12. Microprocessor based logic
 - 13. History buffer

3.4 CONTROL PANEL – AUTOPULSE Z-20 AGENT RELEASING CONTROL PANEL

- A. The Fire Alarm Control Panel (FACP) shall be an AUTOPULSE Z-20 control panel with the capability of protecting up to 20 hazards. The panel shall contain a Central Processing Unit (CPU) with integral 6 amp power supply which is rated to provide 6 amp for "Special Application" appliances including suppression release peripherals such as horns, strobes and horn/strobes and rated to 6 amp for "regulated 24 VDC" appliance power. The CPU shall communicate with and control the following types of equipment used to make up the system: addressable and conventional initiating devices, addressable modules, annunciators, and other system controlled devices.
- B. System Capacity and General Operation:
 - 1. The control panel shall be capable of providing up to 250 addressable points and 32 points of conventional zones.
 - 2. The system shall include 4 Class B programmable notification appliance circuits rated at 3A each.
 - 3. The control panel and remote annunciator (optional) shall include a full featured, intuitive color touch screen display capable of supporting up to two languages. The menu-driven interface shall provide color coded system status LEDs, allow for direct control of the fire alarm system and also allow for quick access to more detailed system information.
 - 4. The control panel shall provide the following features:

- a) Drift Compensation to extend detector accuracy over life.
- b) Sensitivity Test meeting requirements of NFPA 72.
- c) Maintenance Alert to warn of excessive smoke detector dirt or dust accumulation.
- d) System Status Reports to display, export to USB device (or print if optional RS232 module is provided).
- e) Rapid manual station reporting (under 2 seconds).
- f) Non-Alarm points for general (non-fire) control.
- g) Periodic Detector Test conducted automatically by software.
- h) Pre-alarm for advanced fire warning.
- i) Counting/Cross Zoning with the capability of: counting 2 detectors in alarm, 2 software zones in alarm, or 1 smoke detector and 1 thermal detector in alarm.
- j) March time and temporal coding options.
- k) Walk Test
- l) Check for 2 detectors set to same address.
- m) The real time clock may also be used to control non-fire functions at programmed time-of-day, day-of-week, and day-of-year.
- n) Day/Night automatic adjustment of detector sensitivity.
- o) Device Blink Control for sleeping areas.
- p) Discrete status LEDs for Alarm, Priority 2, Supervisory, Trouble, Alarm Silenced and AC power indications plus three additional programmable LEDs with associated control switches with provisions for custom labels.
- q) The control panel shall be capable of coding Notification circuits in Slow March Time (20 BPM), Fast March Time (120 BPM) and Temporal Code (NFPA 72).

C. Central Microprocessor:

- 1. The microprocessor unit shall communicate with, monitor, and control all external interfaces with the control panel. It shall include system program storage in non-volatile memory for building-specific program storage, and a "watch dog" timer circuit to detect and report microprocessor failure.
- 2. The microprocessor unit shall contain and execute all control-by-event programs for specific action to be taken if an alarm condition is detected by the system. Such control-by-event programs shall be held in non-volatile programmable memory and shall not be lost even if system primary and secondary power failure occurs.
- 3. The microprocessor unit shall also provide a real-time clock for time annotation of system displays and history file.

D. Display:

- 1. The touch screen display shall provide all the controls and indicators used by the system operator.
- 2. The display shall include status information and custom alphanumeric

labels for all addressable and conventional detectors, addressable modules, and software zones.

3. The display shall be a 4.3 inch color touch screen display.

E. Signaling Line Circuit (SLC):

1. The SLC interface called an IDNet+ circuit, shall provide power to and communicate with up to 250 addressable points which can include Photoelectric or Thermal detectors along with all monitoring and control points. This can be accomplished over one to three SLC loops and shall be capable of NFPA 72 Class A or B wiring.
2. The loop interface board(s) shall receive and process information from all detectors to determine whether normal, alarm, supervisory or trouble conditions exist for each detector. The software shall automatically maintain the detector's desired sensitivity level by adjusting for the effects of environmental factors, including the accumulation of dust in each detector. The information shall also be used for automatic detector testing and for the automatic determination of detector maintenance requirements.
3. The detector software shall meet NFPA 72, requirements and be certified by UL as a calibrated sensitivity test instrument.
4. The detector software shall allow manual or automatic sensitivity adjustment.

F. Enclosures:

1. The control panel shall be housed in a UL listed cabinet suitable for surface or semi-flush mounting. Cabinet and front shall be corrosion protected, given a rust-resistant prime coat, and manufacturer's standard finish.
2. The door shall provide a key lock and include a glass or other transparent opening for viewing of all indicators.

G. All interfaces and associated equipment are to be protected so they will not be affected by voltage surges or line transients consistent with UL standard 864.

H. Optional modules shall be available for NFPA 72 supervising station and public emergency alarm reporting systems. The control panel shall have the ability to meet the latest requirements of UL 864 for delayed AC fail reporting.

I. Power Supply:

1. The power supply shall operate on 120 or 240 VAC, 50/60 Hz, and shall provide all necessary power for the control panel. The power supply shall have a 6 A output rating which provides current for special application devices, IDNet devices, module currents and auxiliary output currents. When NACs are controlling regulated 24 DC appliances, total NAC current available shall be 3 A.
2. It shall provide a battery charger for 24 hours of standby using dual-rate charging techniques for fast battery recharge.
3. It shall provide an earth detection circuit capable of detecting earth faults on I/O modules field wired circuits connected to power supply.
4. It shall be power-limited using Positive Temperature Coefficient (PTC) resistors and solid state circuits.

J. Field Wiring Terminal Blocks:

1. For ease of service, all panel I/O wiring terminal blocks shall have sufficient capacity for 18 to 12 AWG wire.

K. Field Programming:

1. All programming shall be accomplished through a standard PC laptop.
2. All field defined programs shall be stored in non-volatile memory.
3. The programming function shall be enabled with a password that may be defined specifically for the system when it is installed. Three levels of password

protection shall be provided in addition to a key-lock cabinet. One level is used for status level changes such as zone disable or manual on/off commands. A third level (higher-level) is used for actual change of program information.

4. A special program check function shall be provided to detect common operator errors.
5. For flexibility, an off-line programming function with batch upload/download shall also be available.

L. Specific System Operations:

1. Smoke Detector Sensitivity Adjust: Means shall be provided for adjusting the sensitivity of any or all analog intelligent smoke detectors in the system from the system keypad. Sensitivity range shall be within the allowed UL window.
2. Alarm Verification: Verification is implemented using zones with 512 zones available. The alarm verification delay shall be programmable from 5 to 30 seconds and each zone shall be able to be selected for verification. The control panel shall keep a count of the number of times that each zone has entered the verification cycle. These counters may be displayed and reset by the proper operator commands.
3. Point Disable: Any device in the system may be enabled or disabled through the system keypad.
4. Point Read: The system shall be able to display or print the following point status diagnostic functions:
 - a) Device status.
 - b) Device type.
 - c) Custom device label.
 - d) View analog detector values.
 - e) Device zone assignments.
 - f) All program parameters.
5. System Status Reports: Upon command from a system operator, a status report will be generated and printed listing all system status provided an optional RS232 card is installed. The report must also be exportable to a USB device on the Z-20 USB port
6. System History Recording and Reporting: The control panel shall contain a history buffer that will be capable of storing up to 2000 events (1000 alarm and 1000 trouble). Each of these activations will be stored and time-and-date stamped with the actual time of the activation. The contents of the history buffer may be manually reviewed, one event at a time, exported to a USB device or printed (if optional RS232 module is provided) in its entirety.
 - a) The history buffer shall use non-volatile memory. Systems that use volatile memory for history storage are not acceptable.
7. Automatic Detector Maintenance Alert: The control panel shall automatically interrogate each intelligent smoke detector and analyze the detector responses over a period of time.
 - a) If any intelligent smoke detector in the system responds with a reading that is below or above normal limits, the system will enter the trouble mode and the particular detector will be annunciated on the system display. This feature shall in no way inhibit the receipt of alarm conditions in the system nor shall it require any special hardware, special tools or computer expertise to perform.
8. Pre-Alarm Function: The system shall provide 2 levels of pre-alarm warning to give advance notice of a possible fire situation. Both pre-alarm levels shall be fully field adjustable. The first level shall give an audible indication at the panel. The second level shall give an audible indication and may also activate control relays. The system shall also have the ability to activate local detector sounder bases at the

pre-alarm level to assist in avoiding nuisance alarms.

9. Software Zones: The control panel shall provide 512 programmable software zones. All addressable devices may be field programmed to be grouped into these zones for control activation and annunciation purposes.

M. Batteries:

1. Batteries shall be 12 volt (2 required).
2. Batteries shall have sufficient capacity to power the fire alarm system for not less than 24 hours in standby plus 5 minutes of alarm upon a normal AC power failure.
3. Batteries are to be completely maintenance free. No liquids are required. Fluid level checks, refilling, spills and leakage shall not be accepted.

3.5 PROGRAMMABLE ELECTRONIC SOUNDER

- A. Electronic sounders shall be UL Listed and FM Approved and operate on 24 VDC nominal.
- B. Electronic sounders shall be field programmable without the use of special tools to choose 1 of 8 tones with an output sound level of at least 90 dBA measured at 10 ft (3.0 m) from the device.
- C. Electronic sounders shall be flush or semi-flush mounted as shown on plans.

3.6 VISUAL NOTIFICATION APPLIANCES

- A. Strobe lights shall operate on 24 VDC nominal.
- B. Strobe lights shall meet the requirements of the ADA as defined in UL standard 1971 and shall meet the following criteria:
 1. The strobe intensity shall meet the requirements of UL 1971 and devices shall be multi-candela 15 cd – 110cd and higher intensity if required by the plans.
 2. The flash rate shall meet the requirements of UL 1971.
 3. The appliance shall be placed 80 in.(to the bottom of the appliance) to 96 in. (to the top of the appliance) above the finished floor within the space

3.7 AUDIBLE/VISUAL COMBINATION DEVICES

- A. Audible/visual combination devices shall meet the applicable requirements of Section 3.5 listed above for audibility.
- B. Audible/visual combination devices shall meet the requirements of Section 3.6 (listed above) for visibility.

3.8 ADDRESSABLE DEVICES – GENERAL

- A. Addressable devices shall provide an address-setting means using dip switches.
- B. Detectors shall be intelligent and addressable, and shall connect with 2 wires to the fire alarm/release control panel signaling line circuits.
- C. Addressable smoke and thermal detectors shall provide dual alarm and power LEDs. Both LEDs shall flash under normal conditions indicating that the detector is operational and in regular communication with the control panel. Both LEDs shall be placed into steady illumination by the control panel indicating that an alarm condition has been detected. If required, the flashing mode operation of the detector LEDs shall be optional through the system field program. An output connection shall also be provided in the base to connect an external remote alarm LED.
- D. Smoke detector sensitivity shall be set through the control panel and shall be adjustable in the field through the field programming of the system. Sensitivity may be automatically adjusted by the panel on a time-of-day basis.
- E. Using software in the control panel, detectors shall automatically compensate for dust accumulation and other slow environmental changes that may affect their performance.

The detectors shall be listed by UL as meeting the calibrated sensitivity test requirements of NFPA Standard 72.

- F. The detectors shall be ceiling-mount and shall include a separate twist-lock base with tamper-proof feature. An optional base shall be available with a built-in (local) sounder rated at 85 dBA minimum.
- G. The detectors shall provide a test means whereby they will simulate an alarm condition and report that condition to the control panel. Such a test may be initiated at the detector itself (by activating a magnetic switch) or initiated remotely on command from the control panel.
- H. Detectors shall also store an internal identifying type code that the control panel shall use to identify the type of device (PHOTO or THERMAL).

3.9 ADDRESSABLE MANUAL PULL STATION

- A. Addressable manual pull station shall, on command from the control panel, send data to the panel representing the state of the manual switch. They shall use a key operated test-reset lock and shall be designed so that after actual emergency operation, they cannot be restored to normal use except by the use of a key.
- B. All operated stations shall have a positive, visual indication of operation and utilize a key-type reset.
- C. Manual stations shall be clearly visible operating instructions provided on the cover. The word AGENT shall appear on the front and both sides of the stations.
- D. Stations shall be suitable for surface mounting or semi-flush mounting as shown on the plans, and shall be installed not less than 42 in. (1.1 m), nor more than 48 in. (1.2 m) above the finished floor.
- E. Operation shall require 2 actions.

3.10 ANALOG ADDRESSABLE PHOTOELECTRIC SMOKE DETECTOR

- A. The detectors shall use the photoelectric (light-scattering) principle to measure smoke density and shall, on command from the control panel, send data to the panel representing the analog level of smoke density.

3.11 ANALOG ADDRESSABLE IONIZATION SMOKE DETECTOR

- A. The detectors shall use the dual-chamber ionization principle to measure products of combustion and shall, on command from the control panel, send data to the panel representing the analog level of products of combustion

3.12 ANALOG ADDRESSABLE HEAT DETECTOR

- A. Heat detectors shall be analog addressable devices rated at 135 °F (57 °C) and have a rate-of-rise element rated at 15 °F (9.4 °C) per minute. It shall connect via 2 wires to the control panel signaling line circuit. Up to 159 intelligent heat detectors may connect to one SLC loop.
- B. The detectors shall use an electronic sensor to measure thermal conditions caused by a fire and shall, on command from the control panel, send data to the panel representing the analog level of such thermal measurements.
- C. An optional, intelligent heat detector shall be available for applications which do not require a rate- of-rise element.

3.13 ANALOG ADDRESSABLE DUCT SMOKE DETECTOR

- A. In-duct smoke detector housing shall accommodate an intelligent photoelectric sensor which provides continuous analog monitoring and alarm verification from the panel.
- B. When sufficient smoke is sensed, an alarm signal is initiated at the control panel and appropriate action is taken to change over air handling systems to help prevent the rapid distribution of toxic smoke and fire gases throughout the areas served by the duct system.

3.14 ADDRESSABLE DRY CONTACT MONITOR MODULE

- A. Addressable monitor modules shall be provided to connect one supervised IDC zone of conventional alarm initiating devices (any N.O. dry contact device) to one of the control panel SLC loops.
- B. The monitor module shall mount in a 4 in. (102 mm) square, 2 1/8 in. (54 mm) deep electrical box.
- C. The IDC zone may be wired for Style D or Style B operation. An LED shall be provided that shall flash under normal conditions indicating that the monitor module is operational and in regular communication with the control panel.
- D. For difficult to reach areas, the monitor module shall be available in a miniature package and shall be no larger than 2-3/4 in. x 1-1/4 in. x 1/2 in. (69.9 mm x 31.8 mm x 12.7 mm). This version need not include Style D or an LED.

3.15 ADDRESSABLE TWO-WIRE DETECTOR MONITOR MODULE

- A. Addressable monitor modules shall be provided to connect one supervised IDC zone of conventional two-wire smoke detectors or alarm initiating devices (any N.O. dry contact device).
- B. The two-wire monitor module shall mount in a 4 in. (102 mm) square, 2 1/8 in. (54 mm) deep electrical box or with an optional surface back box.
- C. The IDC zone may be wired for Class A or B (Style D or Style B) operation. An LED shall be provided that shall flash under normal conditions indicating that the monitor module is operational and in regular communication with the control panel.
- D. Smoke Detectors:
 - 1. Smoke detectors shall be 24 VDC and shall be UL Listed and FM approved.
 - 2. Each detector shall include a visual status indicator, provide remote LED output, and include a built-in test capability.
 - 3. The sensitivity shall be factory set per UL 268.
 - 4. The detector cover and screen shall be easily removable for field cleaning.
 - 5. A special vandal-resistant locking screw shall be provided to lock the head to the base.
 - 6. The head-to-base connection shall be made by use of bifurcated contacts. Terminal connections to the base shall be of the screw type that are accessible with the base installed on the mounting box.
 - 7. Where specifically identified on the contract drawings, detector bases shall incorporate a relay with Form C contacts rated at 1 amp at 120 VAC and 2 amps at 28 VDC.
 - 8. The design of the photoelectric detector compensating circuits shall provide stable operation with regard to minor changes in temperature, humidity and atmospheric conditions.
 - 9. Photoelectric-type smoke detector with heat detector shall be light reflective type and compatible with the AUTOPULSE control system. The detector shall have an LED in its base which is illuminated in a steady-on mode when in alarm and pulse mode when in standby. Reset of the detector shall be performed by the control unit reset switch.
 - 10. The design of the photoelectric detector compensating circuits shall provide stable operation with regard to minor changes in temperature, humidity and atmospheric conditions.

3.16 ADDRESSABLE CONTROL MODULE

- A. Addressable control modules shall be provided to supervise and control the operation of one conventional Notification Appliance Circuit (NAC) of compatible, 24 VDC powered, polarized audio/visual notification appliances. For fan shutdown and other auxiliary control functions, the control module may be set to operate as a dry contract relay.

- B. The control module shall mount in a standard 4 in. (102 mm) square, 2 1/8 in. (54 mm) deep electrical box, or to a surface mounted back box.
- C. The control module NAC circuit may be wired for Style Z or Style Y (Class A/B) with up to 1 amp of inductive A/V signal, or 2 amps of resistive A/V signal operation, or as a dry contact (Form C) relay. The relay coil shall be magnetically latched to reduce wiring connection requirements and to insure that 100% of all auxiliary relay or NACs may be energized at the same time on the same pair of wires.
- D. Audio/visual power shall be provided by a separate supervised power loop from the main control panel or from a supervised, UL listed remote power supply.
- E. The control module shall provide address-setting means using decimal switches and shall also store an internal identifying code that the control panel shall use to identify the type of device. An LED shall be provided that shall flash under normal conditions indicating that the control module is operational and is in regular communication with the control panel.
- F. A magnetic test switch shall be provided to test the module without opening or shorting its NAC wiring.
- G. The control module shall be suitable for pilot duty applications and rated for a minimum of 0.6 amps at 30 VDC.

3.17 ISOLATOR MODULE

- A. Isolator modules shall be provided to automatically isolate wire-to-wire short circuits on an SLC loop. The isolator module shall limit the number of modules or detectors that may be rendered inoperative by a short circuit fault on the SLC Loop. At least one isolator module shall be provided for each floor or protected zone of the building.
- B. If a wire-to-wire short occurs, the isolator module shall automatically open-circuit (disconnect) the SLC loop. When the short circuit condition is corrected, the isolator module shall automatically reconnect the isolated section.
- C. The isolator module shall not require any address-setting and its operations shall be totally automatic. It shall not be necessary to replace or reset an isolator module after its normal operation.
- D. The isolator module shall mount in a standard 4 in. (102 mm) deep electrical box or in a surface mounted back box. It shall provide a single LED that shall flash to indicate that the isolator is operational and shall illuminate steadily to indicate that a short circuit condition has been detected and isolated.

3.18 ABORT SWITCH

- A. The abort switch shall be used where an investigative delay is desired between detection and actuation of the fire suppression system.
- B. This switch shall be a momentary contact "dead-man" type switch requiring constant pressure to transfer one set of contacts. Clear operating instructions shall be provided at the abort switch.
- C. This switch shall be rated for 2A resistive @ 30 VDC.
- D. The terminal connections shall be of the screw type.

3.19 MAINTENANCE LOCK-OUT SWITCH

- A. The maintenance lock-out switch shall be used where it is desired to disable the fire suppression system during routine maintenance.
- B. This switch shall be key operated allowing removal of the key only in "Normal" position. A red indicator lamp shall be included on the switch assembly to be illuminated when in the "Lock-Out" position. The control unit is used to indicate a supervisory condition when in the "Lock-Out" position.
- C. The switch shall include 1 set of normally open and 1 set of normally closed control contacts rated for 2A resistive @ 30 VDC.
- D. The terminal connections shall be of the screw type.

3.20 SELECTOR SWITCH

- A. The selector switch shall be used where a connected reserve is required.
- B. This switch shall be key operated allowing removal of the key in either the "Main" or "Reserve" position.
- C. This switch shall be rated at 28 VDC @ 1.1 amp make/break or 6 amp continuous carry.
- D. The terminal connections shall be of the screw type.

3.21 WATER FLOW SWITCHES

- A. Flow switches shall be integral, mechanical, non-coded, non-accumulative retard type.
- B. Flow switches shall have an alarm transmission time delay that is conveniently adjustable from 0 to 60 seconds. Initial settings shall be 30 or 45 seconds.
- C. Flow switches shall be located a minimum of 1 ft (0.3 m) from a fitting that changes the direction of the flow and a minimum of 3 ft (0.9 m) from a valve.

3.22 SPRINKLER AND STANDPIPE VALVE SUPERVISORY SWITCHES

- A. Each sprinkler system water supply control valve riser, or zone control valve, and each standpipe system riser control valve shall be equipped with a supervisory switch. Standpipe hose valves, and test and drain valves shall not be equipped with supervisory switches.
- B. Each Post Indicator Valve (PIV) or main gate valve shall be equipped with a supervisory switch.
- C. The switch shall be mounted so as not to interfere with the normal operation of the valve and adjusted to operate within 2 revolutions toward the closed position of the valve control, or when the stem has moved no more than one-fifth of the distance from its normal position.
- D. The mechanism shall be contained in a weatherproof aluminum housing that shall provide a 3/4 in. tapped conduit entrance and incorporate the necessary facilities for attachment to the valves.
- E. Switch housing to be finished in red baked enamel.
- F. The entire installed assembly shall be tamper proof and arranged to cause switch operation if the housing cover is removed or if the unit is removed from its mounting.
- G. Valve supervisory switches shall be provided and connected under this section and installed by mechanical contractor.

3.23 COLOR TOUCHSCREEN REMOTE LCD ANNUNCIATOR

- A. The remote annunciator shall provide a 4.3" color touchscreen LCD display that is identical to the control panel user interface. The annunciator shall be capable of displaying a custom background image when the system status is normal.
- B. The annunciator shall provide; a local sounder; discrete status LEDs for Alarm, Priority 2, Supervisory, Trouble, Alarm Silenced and AC power indications; and three programmable LEDs with associated control switches with provisions for custom labels. A lamp test feature shall be available from the display menu.
- C. The remote annunciator shall provide access to all system status information, controls, diagnostics, and reports that are available on the control unit user interface. Protected access shall be provided to the following operator control functions and diagnostics; Alarm, Priority 2, Supervisory and Trouble Acknowledge; Alarm Silence; and System Reset; Hardware Reset; Point Disable/Enable; Annunciator Sounder Silence, Clear History Logs; Panel Setup; and System Diagnostics. Protection against unauthorized use shall be provided via a passcode, key switch, or both.
- D. The annunciator shall have the capability to support up to two languages with the ability to toggle between languages using one of the programmable control switches on the annunciator.
- E. The annunciator shall connect to a two-wire Remote Unit Interface (RUI). The two-wire RUI connection shall be capable of distances of up to 2,500 feet (762 meters).

- F. The system shall support up to 6 remote color touchscreen LCD annunciators.

PART 4 – SYSTEM ARRANGEMENT

4.1 INERGEN® iFLOW FIRE SUPPRESSION SYSTEM

- A. The INERGEN® iFLOW fire suppression system shall be of the engineered, permanently piped, fixed nozzle type with all pertinent ANSUL® components provided by Johnson Controls.
- B. All agent storage containers shall be centrally located as free-standing containers with wall and/or floor mounted retaining brackets.
- C. One container shall be designated as the pilot container.
- D. Manifolded containers shall employ a flexible discharge hose and horizontal check valve to facilitate installation and system maintenance.

4.2 FLOW CALCULATIONS

- A. Computerized verification of flow calculations shall be submitted for each INERGEN® iFLOW fire suppression system and include the following data as a minimum:
 - 1. Quantity of agent per nozzle
 - 2. Type of nozzle
 - 3. Average pressure at nozzle
 - 4. Nozzle body nominal pipe size
 - 5. Number and size of containers
 - 6. Total agent
 - 7. Pipe size per pipe section
 - 8. Pipe schedule per pipe section
 - 9. Number, size, and type of fitting per pipe section
 - 10. Actual length per pipe section
 - 11. Equivalent length per pipe section
 - 12. Discharge time

PART 5 – EQUIPMENT AND MATERIAL – MECHANICAL

5.1 PIPE AND FITTINGS MATERIAL – INERGEN® iFLOW SYSTEM

- A. System piping shall be of non-combustible material having physical and chemical characteristics such that its integrity under stress can be predicted with reliability.
- B. As a minimum, piping materials shall be black steel pipe conforming to ASTM A-53A ERW or ASTM A-106A seamless.
- C. Under no conditions shall ordinary cast iron pipe, steel pipe conforming to ASTM A-120 or ASTM A-53/A-120 be used.
- D. Piping joints shall be suitable for the design conditions, and shall be selected with consideration of joint tightness and mechanical strength.
- E. As a minimum, fittings beyond the pressure reducing (iFLOW) valve shall be class 300 M.I. fittings conforming to ANSI B-16.3. Ordinary cast iron fittings shall not be used. Distribution piping downstream of the pressure regulating container valve shall be a minimum of

Schedule 40.

- G. All piping and fittings shall comply with NFPA 2001.
- H. Piping shall be installed in accordance with good commercial practice to the appropriate codes, securely supported with UL Listed hangars, and arranged with attention to the design layout since deviations may alter the design flow performance as calculated.
- I. Piping shall be bracketed within 12 in. (305 mm) of all discharge nozzles.
- J. All piping shall be reamed, blown clear, and swabbed with appropriate solvent to remove mill varnish, debris, oils, and any other contaminants before assembly.
- K. Multi-outlet fittings, other than tees, shall not be permitted.
- L. Assembly of all joints shall conform to the appropriate standards.
- M. Threaded pipe joints shall utilize Teflon tape or pipe sealant applied to the male threads only.

5.2 EXTINGUISHING AGENT

- A. The agent shall be INERGEN®.
- B. The agent shall be a mixture of three inerting (oxygen diluting) gases: 52% nitrogen, 40% argon, and 8% carbon dioxide.

5.3 INERGEN® iFLOW STORAGE CONTAINERS

- A. Container assemblies shall be of steel construction certified to UN ISO standards and acceptable to the Department of Transportation (DOT) with a standard RED enamel paint finish. Each container shall be equipped with a nominal 870 psi (60 bar) pressure regulating valve and a gauge. The system shall utilize iFLOW valve assemblies. Each valve shall be constructed of forged brass and shall attach to the container providing a leak-tight seal. The valve design must fail safe (closed) to prevent pressure from exceeding a nominal 870 psi (60 bar) in the event of a blocked pipe.
 - 1. Each valve shall also include a safety pressure relief device, which provides relief at 5802 psi to 6237 psi (400 bar to 430 bar) per CGA test methods.
- B. First filling of the container assembly shall be by a Johnson Controls recognized first fill facility

5.4 CONTAINER MATRIX BRACKETING SYSTEM

- A. The container matrix bracketing system, when utilizing 788 ft³ (80 L) containers, shall have container brackets constructed of polymeric material utilizing threaded bolts.
- B. A horizontal check valve allowing for various installation layouts shall be in place.
- C. The matrix bracketing system shall allow the interconnection of up to six containers without the use of a manifold.

Note: Only when a 120 second discharge is utilized.

- D. Container brackets shall be UL Listed and FM Approved for use with the INERGEN® iFLOW fire suppression system.

5.5 VALVE ACTUATORS

- A. No electro-explosive devices may be used to actuate the valve assembly.
- B. Electric actuators shall be a continuous duty type for 24 VDC operations.
- C. Actuation devices shall be UL Listed and FM Approved for use with the INERGEN® iFLOW fire suppression system.

5.6 DISCHARGE HOSE / HORIZONTAL CHECK VALVE

- A. When manifolding, all container assemblies shall include the matrix system, flexible discharge hose, and horizontal check valve for connection to the manifold inlet.
- B. All hose / check valves shall be UL Listed and/or FM Approved for use with the iFLOW valve as manufactured by Johnson Controls.

5.7 DISCHARGE NOZZLES

A. Standard Discharge Nozzle

1. Discharge nozzles shall be of two-piece construction and sized to provide flow rates in accordance with system design flow calculations.
2. A nozzle inlet orifice plate shall be included. The orifice size shall be determined by a computerized UL listed flow calculation program.
3. Orifice(s) shall be machined in the nozzle body to provide a horizontal discharge pattern based upon the approved coverage arrangements.
4. Nozzles shall be permanently marked with the manufacturer's part number. The nozzles shall be threaded directly to the discharge piping without the use of special adapters.
5. Nozzles shall be UL listed as manufactured by Johnson Controls.

B. Acoustic Damping Discharge Nozzle

1. Acoustic damping discharge nozzles shall be used in installations requiring reduced acoustic footprint, such as data centers. The reduced acoustic footprint limits sensitive electronics from being exposed to high sound levels.
2. For acoustic sensitive installations, an acoustic impact evaluation should be performed specific to the hazard area being protected. The report shall include the sound power generated by the suppression system, room parameters and estimated sound pressure level impact on sensitive electronic equipment such as Hard Disc Drives.
3. The sound pressure level impact on Hard Disc Drives shall be below 110dbZ across the 1/3 octave sound bands from 500Hz to 10K Hz.
4. Discharge nozzles shall be constructed to provide flow rates in accordance with system design flow calculations.
5. The nozzles shall be threaded to the discharge piping via an orifice pipe assembly that includes the nozzle inlet orifice plate.
6. The nozzle orifice plate drill size shall be determined by a computerized UL listed flow calculation program.
7. Agent discharge orifice(s) shall be machined in the nozzle body to provide a horizontal discharge pattern based upon the approved coverage arrangements.
8. Sound control mechanisms shall be deployed as an integral element of the Acoustic

Nozzles.

9. Nozzles shall be UL listed and the acoustic performance shall be UL verified as manufactured by Johnson Controls.

5.8 SELECTOR VALVES

- A. Selector valves shall be a full port straight ball valve type.
- B. Selector valves shall be UL Listed and FM Approved, as manufactured by Johnson Controls.

5.9 SYSTEM CHECKOUT AND TESTING

- A. The completed installation shall be inspected by factory authorized and trained personnel. The inspection shall include a full operational test of all components per the equipment manufacturer's recommendations. A system discharge concentration test may also be performed if the required.
- B. Inspection shall be performed in the presence of the owner's representative, architect, or engineer's representative, insuring authority and/or the local AHJ.
- C. All mechanical and electrical components shall be tested according to the manufacturer's recommended procedure to verify system integrity.
- D. Inspection shall include a complete checkout of the detection / control system and certification of container pressure. A written report shall be filed with the owner.
- E. As-built drawings shall be provided by the contractor (two copies) indicating the installation details. All routing of piping, electrical conduit, and accessories shall be noted.
- F. Equipment installation and maintenance manuals shall be provided in addition to the as-built drawings.
- G. Prior to final acceptance, the contractor shall provide operational training in all aspects of the system to the owner's key personnel. Training shall consist of:
 1. Control system operations
 2. Trouble procedures
 3. Abort switches procedures
 4. Emergency procedures
 5. Safety requirements
 6. Demonstration of the system (excluding INERGEN® agent release)
- H. The quantity of agent shall reflect the actual design quantity of INERGEN® agent.
- I. If a discharge concentration test is required, a prior functional test shall be completed consisting of detection, alarm, release, accessories related to the system, control unit, and a review of the containers, piping, fittings, hangers, and container pressure.
- J. Discharge concentration testing shall be performed under the supervision of the contractor's authorized personnel in the presence of the owner's representative, local authorities, and any other authority.
- K. The contractor shall provide a gas analyzer capable of automatically recording sampling points. Concentration recording shall continue until authorities are satisfied with hazard integrity or until 30 minutes have elapsed.

- L. The sampling point(s) shall be located at a strategic area(s) but no higher than the highest combustible contents.
- M. If the test results indicate that the design concentration was not achieved and/or held, the contractor shall determine the cause of the failure. After determination of the cause, the system shall be recharged and again placed in operation. The contractor shall only be responsible for retest based on equipment design failure.

PART 6 – WARRANTY

6.1 WARRANTY

- A. **Environmental:** The manufacturer (Johnson Controls) shall offer a 20-year warranty covering regulations banning or restricting use of the INERGEN® agent due to environmental issues.
- B. **Evergreen Discharge:** Replacement cost for the INERGEN® agent shall be covered in a 20-year discharge warranty, except for the system commissioning discharge test, regardless of the cause of the fire suppression system discharge.
- C. **Components / System:** Limited one-year warranty shall be offered for defects in workmanship and material.

Note: The converted metric values in this document are provided for dimensional reference only and do not reflect an actual measurement.

ANSUL®, INERGEN®, iFLOW, AUTOPULSE and the product names listed in this material are marks and/or registered marks. Unauthorized use is strictly prohibited.

**SECTION 01.25.01
SUBSTITUTION REQUEST FORM**

PROJECT DATA

PROJECT: COK Public Safety Complex PROJECT NO.: 19018
OWNER: City of Knoxville 400 Main Street, Knoxville, TN 37902
ARCHITECT: McCarty Holsaple McCarty, Inc.
550 W. Main Street, Suite 300
Knoxville, TN 37902

CONTRACTOR'S REQUEST, WITH SUPPORTING DATA

1. Section of the Specifications to which this request applies: Called out on dwg E430
- Product data for specified item and proposed substitution is attached, including product description, specification data, illustrations, reference standards, and performance and test data.
- Sample is attached Sample will be sent if requested by Architect
2. Itemized comparison of proposed substitution with specified item
- a. Data Relative to Specified Item:
- 1) Name, Brand: Listed as EATON #93PM
- 2) Catalog No.: _____
- 3) Manufacturer: _____
- b. Data Relative to Proposed Substitution
- 1) Name, Brand: VERTIV LIEBERT
- 2) Catalog No.: LIEBERT EXM
- 3) Manufacturer: _____
- c. Significant variations, including elements such as size, weight, durability, performance, and visual effect:
PRODUCT MEETS NOTED CRITERIA
3. Proposed change in Contract Sum:
- Credit to Owner \$ _____
- Additional Cost to Owner \$ NO ADDITIONAL COST
4. Effect of the proposed substitution of the Work:
- Contract Time NONE
- Changes or Modifications required to Other Parts of the Work: NONE

Changes or Modifications required to Other Contracts: NONE

5. Reason for Substitution Request:

Equivalent or improved performance

Local factory support and factory maintenance personnel

Additional Competitive Bid

CONTRACTOR'S STATEMENT OF CONFORMANCE

I/we have investigated the proposed substitution. I/we:

1. believe and certify that it is equal or superior in all respects to the originally specified product, except as stated in 2 above;
2. certify that it will perform adequately in the application indicated;
3. will provide the same warranty or guaranty as required in the Contract Documents;
4. have included all cost data and cost implications of the proposed substitution, including, if required, costs to other contractors, and redesign and special inspection costs caused by the use of this product;
5. will coordinate the incorporation of the proposed substitution in the Work;
6. will modify other parts of the Work as may be needed to make all parts of the Work complete and functioning;
7. have verified that use of this substitution conforms to all applicable codes;
8. waive future claims for added cost to Owner caused by the proposed substitution.

Contractor: _____ Date _____

ARCHITECT'S REVIEW AND ACTION

___ Provide more information in the following categories and resubmit:

___ Sign Contractor's Statement of Conformance and resubmit.

___ The proposed substitution is approved.

___ The proposed substitution is approved, with the following conditions:

McCarty Holsaple McCarty Architects, Inc.
Project Number: 19018

Public Safety Complex
City of Knoxville

The proposed substitution is rejected.

Battery was not equal to as specified and was more weight. Equipment was larger and possibly does not fit within space.

The following changes will be made by Change Order:

Addition to/Deduction from the Contract Sum: \$ _____

Addition to/Deduction from the Contract Time _____ days



3/3/21

~~McCarty Holsaple McCarty, Inc.~~

Date

I.C. Thomasson Associates, Inc.

END OF SECTION 01.25.01



Alply Insulated Panels

1401 Eilerman Ave.
Litchfield IL, 62056
(217) 324-6700

SUBSTITUTION REQUEST FORM

Please review the following information for substitution:

To:
McCarty Holsaple McCarty Architects, Inc.
550 W Main St. Suite 300
Knoxville, TN 37902

Project: Public Safety Complex
City of Knoxville, TN

Ref. #: 19018

Location: Knoxville, TN

Bid Date:

Section: 07 42 **Paragraphs:** 13.19

Specified Item: Insulated Metal Wall Panels

Proposed Substitution:

- Will substitution affect dimensions indicated on the drawings?
Yes ___ No X
- Will substitution affect wiring, piping, ductwork, etc. indicated on the drawings?
Yes ___ No X
- What effect will substitution have on other trades?
None X _____
- Differences between substitution and specified item:
(See attached product information)
- Manufacturers guarantee of the specified items and the proposed items are:
Same ___ Different LONGER - 5 YEAR WORKMANSHIP & 20 YEAR FINISH
- If the substitution request is accepted, it will result in:
No Cost Impact X Credit _____ (EST.)

Submitted By:
Alply Insulated Panels
1401 Eilerman Ave.
Litchfield IL, 62056
Tel: 217-324-6700

Architect/Engineer's Review:
X Accepted
___ Accepted as Noted
___ Reason Not Accepted _____

Signature: **David S. Collins, AIA**
Date: **March 2, 2021**

SECTION 07 42 13: Metal Wall Panels

	BASIS OF DESIGN SPECIFICATIONS	SUBSTITUTION SPECIFICATIONS
Manufacturer	Centria Architectural Systems	<i>Alply Insulated Panels, LLC</i>
Product	Formawall Dimension Series	<i>Alply Classic Wall System</i>
R Value	7 R Value Per Thickness Inch / 2" thick = 14 R Value	<i>7 R Value Per Thickness Inch / 2" thick = 14 R Value</i>
Insulated Core	Polyisocyanurate - Foamed-in-Place	<i>Polyisocyanurate - Aged Bun Stock drastically reduces of oil canning, rippling and distortion</i>
Panel Thickness	2"	<i>2" or any thickness ranging from 1" to 6", thicker options available upon consultation</i>
Panel Coverage (Width)	24"	<i>24" or any width from 2" to 56" in any shape</i>
Metal Type	Zinc-coated (Galvanized) Steel Coil ASTM A 755: [Grade 33, G90 ASTM A653 & A924][AZ50 Galvalume / Zinalume with ASTM A792	<i>Zinc-coated (Galvanized) Steel Coil ASTM A 755: [Grade 33, G90 ASTM A653 & A924][AZ50 Galvalume / Zinalume with ASTM A792</i>
Exterior Metal Gauge	22 gauge	<i>22 gauge</i>
Exterior Surface	Flat	<i>Flat</i>
Finish	Fluoropolymer (PVDF) Two Coat System: 0.2 mil primer with 0.8 mil Kynar 500 (70%) color coat	<i>Fluoropolymer (PVDF) Two Coat System: 0.2 mil primer with 0.8 mil Kynar 500 (70%) color coat</i>
Interior Metal Gauge	24 gauge	<i>24 gauge</i>
Interior Surface	Flat Non-profiled, Smooth	<i>Flat Non-profiled, Smooth</i>
Panel Edge	Tongue and Groove	<i>Tongue and Groove</i>
Factory Formed Corners	Not standard	<i>Standard</i>
Trimless Ends (Finished Edges)	Not Standard	<i>Standard</i>
Finish Warranty	20 years	<i>20 years</i>
Workmanship Warranty	2 years	<i>5 years</i>

**SECTION 01.25.01
SUBSTITUTION REQUEST FORM**

PROJECT DATA

PROJECT: COK Public Safety Complex PROJECT NO.: 19018
OWNER: City of Knoxville 400 Main Street, Knoxville, TN 37902
ARCHITECT: McCarty Holsaple McCarty, Inc.
550 W. Main Street, Suite 300
Knoxville, TN 37902

CONTRACTOR'S REQUEST, WITH SUPPORTING DATA

1. Section of the Specifications to which this request applies: 23 74 13
- Product data for specified item and proposed substitution is attached, including product description, specification data, illustrations, reference standards, and performance and test data.
- Sample is attached Sample will be sent if requested by Architect
2. Itemized comparison of proposed substitution with specified item
- a. Data Relative to Specified Item:
- 1) Name, Brand: Packaged Rooftop Units, Daikin
- 2) Catalog No.: DPS025, DPS052
- 3) Manufacturer: DAIKIN
- b. Data Relative to Proposed Substitution
- 1) Name, Brand: Packaged Rooftop Unit, Addison
- 2) Catalog No.: PRRA240D4, PRRA600E8
- 3) Manufacturer: Addison
- c. Significant variations, including elements such as size, weight, durability, performance, and visual effect:
Units are approximately 54" longer
3. Proposed change in Contract Sum:
- Credit to Owner \$ None
- Additional Cost to Owner \$ None Updated cost for trade coordination with architectural, structural and electrical contractors will be required
4. Effect of the proposed substitution of the Work:
- Contract Time None
- Changes or Modifications required to Other Parts of the Work: None

Changes or Modifications required to Other Contracts: None

5. Reason for Substitution Request:

To Offer a competitive bid for equivalent equipment

CONTRACTOR'S STATEMENT OF CONFORMANCE

I/we have investigated the proposed substitution. I/we:

1. believe and certify that it is equal or superior in all respects to the originally specified product, except as stated in 2 above;
2. certify that it will perform adequately in the application indicated;
3. will provide the same warranty or guaranty as required in the Contract Documents;
4. have included all cost data and cost implications of the proposed substitution, including, if required, costs to other contractors, and redesign and special inspection costs caused by the use of this product;
5. will coordinate the incorporation of the proposed substitution in the Work;
6. will modify other parts of the Work as may be needed to make all parts of the Work complete and functioning;
7. have verified that use of this substitution conforms to all applicable codes;
8. waive future claims for added cost to Owner caused by the proposed substitution.

Contractor: _____ Date _____

ARCHITECT'S REVIEW AND ACTION

____ Provide more information in the following categories and resubmit:

____ Sign Contractor's Statement of Conformance and resubmit.

____ The proposed substitution is approved.

X The proposed substitution is approved, with the following conditions:

Addison units can be considered as "listed in the specifications". . Submitting contractor shall coordinate all necessary modifications with electrical, structural, and architectural changes. Additional supplemental steel will be required for additional length and additional coordination with architectural screen wall will be required to meet the intent of the design to hide the units. All changes to trades previously stated need to be included with cost difference to Addison units

_____ The proposed substitution is rejected.

The following changes will be made by Change Order:

Addition to/Deduction from the Contract Sum: \$ _____

Addition to/Deduction from the Contract Time _____ days



I.C. Thomasson Associates, Inc.

03/03/2021

Date

END OF SECTION 01.25.01

**SECTION 01.25.01
SUBSTITUTION REQUEST FORM**

PROJECT DATA

PROJECT: COK Public Safety Complex PROJECT NO.: 19018
OWNER: City of Knoxville 400 Main Street, Knoxville, TN 37902
ARCHITECT: McCarty Holsaple McCarty, Inc.
550 W. Main Street, Suite 300
Knoxville, TN 37902

CONTRACTOR'S REQUEST, WITH SUPPORTING DATA

1. Section of the Specifications to which this request applies: MINI-SPLIT VARIABLE REFRIGERANT A/C UNITS

Product data for specified item and proposed substitution is attached, including product description, specification data, illustrations, reference standards, and performance and test data.

Sample is attached Sample will be sent if requested by Architect

2. Itemized comparison of proposed substitution with specified item

a. Data Relative to Specified Item:

- 1) Name, Brand: Mini Split AC Units
- 2) Catalog No.: FAQ/FTX/RZR/RZQ/RX
- 3) Manufacturer: Daikin

b. Data Relative to Proposed Substitution

- 1) Name, Brand: Mini Split AC Units
- 2) Catalog No.: MWMA/MLA/MPB/VRB/VWM
- 3) Manufacturer: Lenno

c. Significant variations, including elements such as size, weight, durability, performance, and visual effect:

Filters for ducted mini splits are cleanable type instead of MERV 8

3. Proposed change in Contract Sum:

Credit to Owner \$ 0\$

Additional Cost to Owner \$ 0\$

4. Effect of the proposed substitution of the Work:

Contract Time Non

Changes or Modifications required to Other Parts of the Work: Non

Changes or Modifications required to Other Contracts: _____

5. Reason for Substitution Request:

CONTRACTOR'S STATEMENT OF CONFORMANCE

I/we have investigated the proposed substitution. I/we:

1. believe and certify that it is equal or superior in all respects to the originally specified product, except as stated in 2 above;
2. certify that it will perform adequately in the application indicated;
3. will provide the same warranty or guaranty as required in the Contract Documents;
4. have included all cost data and cost implications of the proposed substitution, including, if required, costs to other contractors, and redesign and special inspection costs caused by the use of this product;
5. will coordinate the incorporation of the proposed substitution in the Work;
6. will modify other parts of the Work as may be needed to make all parts of the Work complete and functioning;
7. have verified that use of this substitution conforms to all applicable codes;
8. waive future claims for added cost to Owner caused by the proposed substitution.

Contractor: _____ Date _____

ARCHITECT'S REVIEW AND ACTION

Provide more information in the following categories and resubmit:

Sign Contractor's Statement of Conformance and resubmit.

The proposed substitution is approved.

The proposed substitution is approved, with the following conditions:

_____ The proposed substitution is rejected.

The following changes will be made by Change Order:

Addition to/Deduction from the Contract Sum: \$ _____

Addition to/Deduction from the Contract Time _____ days

Michael Newton

ICThomasson

03/03/21

Date

END OF SECTION 01.25.01

SECTION 23 81 26
MINI-SPLIT VARIABLE REFRIGERANT A/C UNITS

PART 1 GENERAL

1.01 WORK INCLUDED

- A. Air-cooled, split system air conditioning units to be by Daikin, Mitsubishi, Samsung, or specifically approved equal.
- B. Manufacturers both listed above and proposed alternates to review the allowable space for the indoor units considering service access, filters access and refrigerant and condensate piping to ensure adequate clearance exists for their units prior to submitting bid. Contractor shall not be allowed an extra should the low bidder prove to have unacceptable clearance.

1.02 WARRANTY

- A. VRF equipment shall be warranted by the manufacturer's limited warranty for a period of one year from date of substantial completion. Manufacturers shall provide an extended warranty including 1 additional year parts and controls and 5 additional year's compressor.

PART 2 PRODUCTS

2.01 OUTDOOR UNIT

- A. General: The outdoor unit shall be used specifically with manufacturer approved piping components and air handling units.
 - 1. The outdoor unit shall have a high pressure safety switch, over-current protection, crankcase heater and DC bus protection.
 - 2. The outdoor unit shall have the ability to operate with a maximum equivalent pipe length of up to 164 feet where required.
 - 3. Provide low ambient cooling operation when scheduled.
 - 4. The outdoor unit shall not cease operation in any mode based solely on outdoor ambient temperature.
 - 5. The outdoor unit shall have a high efficiency oil separator plus additional logic controls to ensure adequate oil volume in the compressor is maintained.
- B. Fan:
 - 1. Each outdoor unit module shall be furnished with one direct drive, variable speed propeller type fan.
 - 2. All fan motors shall have inherent protection, have permanently lubricated bearings, and be completely variable speed.
 - 3. All fan motors shall be mounted for quiet operation.
 - 4. All fans shall be provided with a raised guard to prevent contact with moving parts.
- C. Refrigerant:
 - 1. R410A refrigerant shall be used for all systems.
 - 2. Contractor shall provide sufficient refrigerant to properly charge system.
- D. Coil:
 - 1. Each outdoor coil shall be of nonferrous construction with lanced or corrugated plate fins on copper tubing.
 - 2. The coil fins shall have a factory applied corrosion resistant blue-fin finish.
 - 3. The coil shall be protected with an integral metal guard.
 - 4. Refrigerant flow from the outdoor unit shall be controlled by means of an inverter driven compressor.
- E. Compressor:
 - 1. Each outdoor unit module shall be equipped with one inverter driven scroll hermetic compressor. Non inverter-driven compressors shall not be allowed.
 - 2. A crankcase heater(s) shall be factory mounted on the compressor(s).
 - 3. The outdoor unit compressor shall have an inverter to modulate capacity. The capacity shall be completely variable with a turndown of 19%-5% of rated capacity, depending upon unit size.
 - 4. The compressor will be equipped with an internal thermal overload.
 - 5. The compressor shall be mounted to avoid the transmission of vibration.

2.02 WALL-MOUNTED INDOOR UNIT

- A. General: Unit shall be a wall-mounted indoor unit section and shall have a modulating linear expansion device and a flat front. Unit shall support individual control using manufacturer provided DDC controller.
- B. Indoor Unit: The indoor unit shall be factory assembled, wired and run tested. Contained within the unit shall be all factory wiring, piping, electronic modulating linear expansion device, control circuit board and fan motor. The unit shall have a self-diagnostic function, 3-minute time delay mechanism, an auto restart function, and a test run switch. Indoor unit and refrigerant pipes shall be charged with dehydrated air before shipment from the factory.
- C. Unit Cabinet:
- All casings, regardless of model size, shall have the same white finish.
 - Multi directional drain and refrigerant piping offering four (4) directions for refrigerant piping and two (2) directions for draining shall be standard.
 - There shall be a separate back plate which secures the unit firmly to the wall.
- D. Fan:
- The indoor fan shall be an assembly with one or two line-flow fan(s) direct driven by a single motor.
 - The indoor fan shall be statically and dynamically balanced to run on a motor with permanently lubricated bearings.
 - A manual adjustable guide vane shall be provided with the ability to change the airflow from side to side (left to right).
 - A motorized air sweep louver shall provide an automatic change in airflow by directing the air up and down to provide uniform air distribution.
- E. Filter: Return air shall be filtered by means of an easily removable, washable filter.
- F. Coil:
- The indoor coil shall be of nonferrous construction with smooth plate fins on copper tubing.
 - The tubing shall have inner grooves for high efficiency heat exchange.
 - All tube joints shall be brazed with phos-copper or silver alloy.
 - The coils shall be pressure tested at the factory.
 - A condensate pan and drain shall be provided under the coil.
 - Both refrigerant lines to indoor unit shall be insulated.
- G. Electrical:
- The unit electrical power shall be 208/230 volts, 1-phase, 60 hertz.
 - The system shall be capable of satisfactory operation within voltage limits of 187-228 volts (208V/60Hz) or 207-253 volts (230V/60Hz)
- H. Controls:
- This unit shall use controls provided by manufacturer to perform functions necessary to operate the system.
 - Provide hard-wired, wall-mounted controller (thermostat).
- I. Condensate Pump: Unit manufacturer shall provide condensate pump to lift condensate a minimum of 30". Condensate pump shall be integral to unit or wired through low voltage circuit of unit. Contractor shall provide all wiring and installation for any pumps not integral to unit.

2.03 CEILING-CONCEALED DUCTED INDOOR UNIT

- A. General: Unit shall be a ceiling-concealed ducted indoor fan coil design that mounts above the ceiling with an open return and a fixed horizontal discharge supply and shall have a modulating linear expansion device.
- B. Indoor Unit. The indoor unit shall be factory assembled, wired and run tested. Contained within the unit shall be all factory wiring, piping, electronic modulating linear expansion device, control circuit board and fan motor. The unit shall have a self-diagnostic function, 3-minute time delay mechanism, and an auto restart function. Indoor unit and refrigerant pipes shall be charged with dehydrated air before shipment from the factory.
- C. Unit Cabinet:
- The unit shall be, ceiling-concealed, ducted.
 - The cabinet panel shall have provisions for a field installed filtered outside air intake.
- D. Fan:
- Unit shall feature external static pressure settings from 0.14 to 0.60 in. WG.

2. The indoor unit fan shall be an assembly with one or two Sirocco fan(s) direct driven by a single motor.
 3. The indoor fan shall be statically and dynamically balanced and run on a motor with permanently lubricated bearings.
 4. The indoor fan shall consist of three (3) speeds, High, Mid, and Low plus the Auto-Fan function
 5. The indoor unit shall have a ducted air outlet system and ducted return air system.
- E. Filter:
1. Return filter box (rear or bottom placement) with 1" 30 % MERV 8 high-efficiency filter.
 2. Provide clean set of filters and one spare set of filters at substantial completion
- F. Coil:
1. The indoor coil shall be of nonferrous construction with smooth plate fins on copper tubing.
 2. The tubing shall have inner grooves for high efficiency heat exchange.
 3. All tube joints shall be brazed with phos-copper or silver alloy.
 4. The coils shall be pressure tested at the factory.
 5. Both refrigerant lines to the indoor unit shall be insulated.
 6. Provide integral drain pan condensate cutoff switch.
- G. Condensate Pump: Unit manufacture shall provide condensate lift mechanism to lift condensate a minimum of 21".
- H. Electrical:
1. The unit electrical power shall be 208/230 volts, 1-phase, 60 hertz.
 2. The system shall be capable of satisfactory operation within voltage limits of 187-228 volts (208V/60Hz) or 207-253 volts (230V/60Hz).
- I. Controls: This unit shall use controls provided by unit manufacturer to perform functions necessary to operate the system.

PART 3 EXECUTION

3.01 INSTALLATION

- A. Install evaporator and condensing unit to allow space for service, maintenance, and airflow requirements.
- B. Provide flexible duct to evaporator connection where applicable.
- C. Install in compliance with manufacturers' recommendations.
- D. Provide owner-training of the system, including but not limited to:
 1. Thermostat controller programming and operation
 2. Condensate pump operation
 3. Filter washing or replacement
 4. Standard preventative maintenance.

END OF SECTION



Single Zone Ductless Air Conditioning Systems - R-410A - 60 Hz

MCA

Mini-Split

RESIDENTIAL / COMMERCIAL
PRODUCT SPECIFICATIONS

Bulletin No. 210877
May 2020
Supersedes April 2020



**MWCA Wall-Mounted
Ductless Indoor Unit**

**Wireless
Remote Control
(furnished with
Wall-Mount Model)**

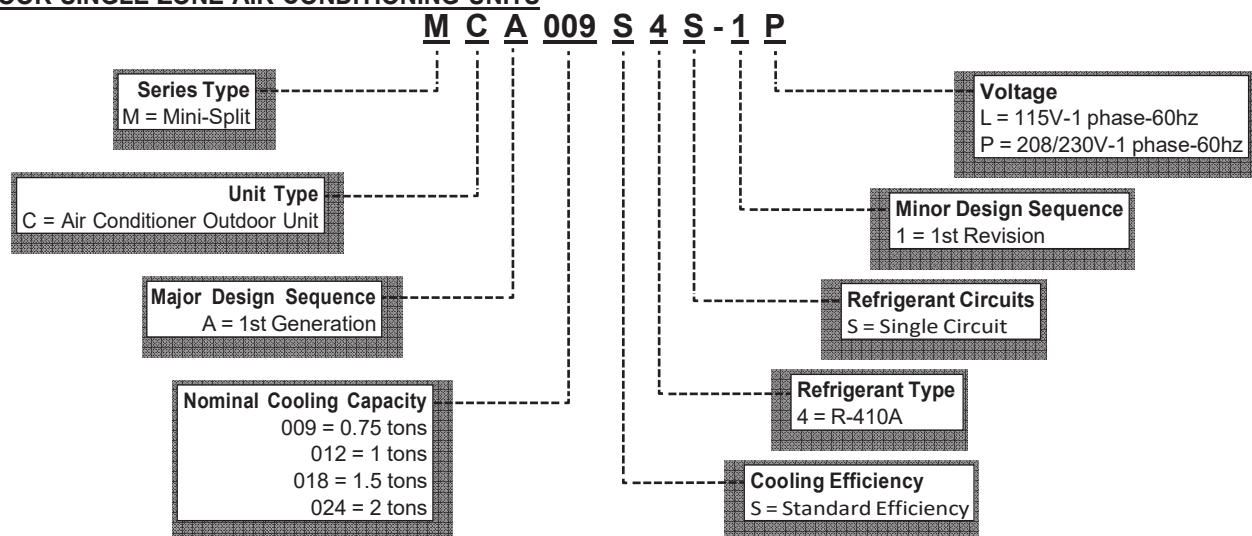


**MCA Outdoor Air
Conditioning Unit**

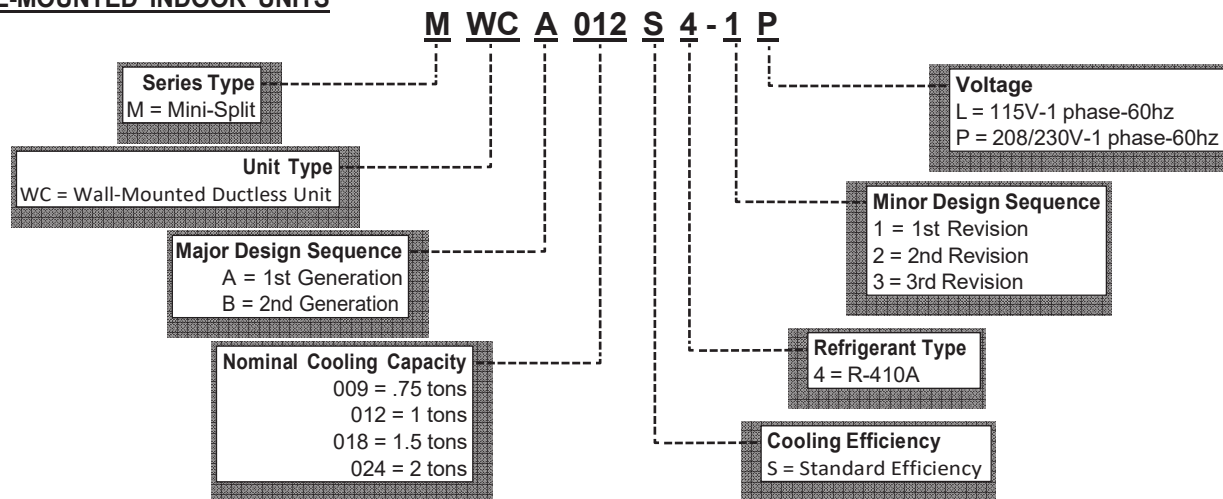
**SEER - Up to 20.00
0.75 to 2 Tons
Cooling Capacity - 9,000 to 22,000 Btuh**

MODEL NUMBER IDENTIFICATION

OUTDOOR SINGLE ZONE AIR CONDITIONING UNITS



WALL-MOUNTED INDOOR UNITS



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APPROVALS AND WARRANTY

APPROVALS

- AHRI Standard 210/240 certified with Addenda 1 and 2
- ENERGY STAR® certified (certain models)
- Rated According to U.S. Department of Energy (DOE) test procedures
- Indoor and outdoor units and components UL and CEC bonded for grounding to meet safety standards for servicing
- ETL certified for the U.S. and Canada
- Meets 2014 Florida Building Code Wind Design Criteria
 - Ultimate Wind Speed – 186 miles per hour
 - Risk Categories – III and IV
 - Wind Exposures – C and D
 - Mean Roof Heights – Up to 60 feet above ground

WARRANTY

- Compressor - Limited five years
- All other covered components - Limited five years

NOTE - Refer to Lennox Equipment Limited Warranty certificate included with unit for specific details.

FEATURES - OUTDOOR UNITS

APPLICATIONS

- SEER - Up to 20.00
- 0.75 through 2 ton
- Single phase power supply
- 115V (012 model only)
- 208/230V (all models)
- Outdoor unit sound levels as low as 51 dBA
- Indoor unit sound levels as low as 24.5 dBA
- Ductless mini-split systems provide a wide range of capacities and applications and provide an alternative when a ducted system is impractical or cost prohibitive
- Units shipped completely factory assembled, internally piped, and wired.

NOTE - Outdoor unit is designed for outdoor use.

REFRIGERATION SYSTEM

R-410A Refrigerant

- Non-chlorine, ozone friendly
- Unit is factory pre-charged

Outdoor Coil

- Aluminum fins fitted to copper tubes
- Wire grille guard provided

Outdoor Fan

- Direct drive fan moves large air volumes uniformly through entire outdoor coil for high refrigeration capacity
- Fan guard provided

Refrigerant Line Connections, Service Valve

- Flare connection lines are located on side of unit cabinet
- Fully serviceable brass service valve prevents corrosion and provides access to refrigerant system

COMPRESSOR

Variable Frequency Rotary Compressor

- Compressor features high efficiency operation
- Balanced for reduced vibration and quiet operation
- Brushless DC motor uses powerful Neodymium magnets, which are approximately 15-20 times stronger than ferrite magnets used in conventional AC compressors

Compressor Crankcase Heater

- Protects against liquid refrigerant migration that can occur during low ambient operation

CONTROLS

DC Inverter Control

- Provides continuous operation, while adjusting capacity according to room temperature
- The accurate sensing of cooling loads prevents frequent changes in capacity and ensures efficient, economical operation

Inverter Module Protection

- Protects against differences in current, voltage and temperature
- Displays code on the indoor unit indicating a need for servicing

Outdoor Unit Microprocessor

- Electronic expansion valve control
- Automatic compressor timed-off protection (3 minutes)
- Temperature sensor
- LEDs on control display error codes and assist in troubleshooting

FEATURES - OUTDOOR UNITS

CONTROLS (continued)

Capillary Tube Refrigerant Metering

- Refrigerant metering device consisting of small diameter tubes feeding liquid refrigerant into the evaporator coil
- Furnished on all units

Compressor Overcurrent Protection

- Overcurrent protection can result due to any of the following:
 - Ambient temperature is too high
 - Locked rotor on the compressor
 - Outdoor air is blocked or restricted

Condenser High Temperature Protection

- Condenser high temperature can occur due to any of the following conditions:
 - High outdoor ambient
 - Outdoor fan blocked
 - Outdoor coil blocked
- The outdoor coil thermistor continuously monitors the temperature and communicates with the microprocessor
- Depending on the temperature measured, the compressor will be allowed to increase the frequency if needed to meet the load or is forced to run at the current or reduced frequency
- If the temperature becomes excessively high the compressor will be de-energized

Compressor Discharge Temperature Protection

- The compressor discharge line thermistor continuously monitors the temperature and communicates with the microprocessor
- Depending on the temperature measured, the compressor will be allowed to increase the frequency to meet the load or is forced to run at the current or reduced frequency
- If the temperature becomes excessively high, the compressor will be de-energized

Voltage Protection

- Protects unit from low or high voltage fluctuations

Terminal Strip

- Furnished for easy wiring connections

CABINET

- Constructed of heavy gauge steel
- Tabs on unit base allow secure mounting to slab
- Condensate drain outlets furnished on unit base

NOTE - Drain must be field furnished.

- Access cover for power and control wiring connections
- Access cover for service valves

FEATURES - INDOOR UNITS

WALL-MOUNTED INDOOR UNITS



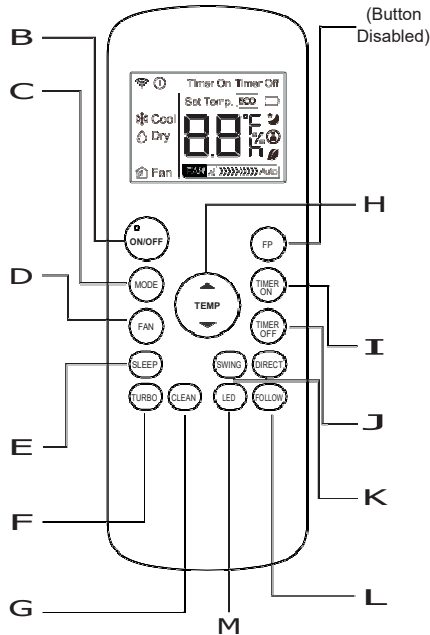
- Low-sound, three-speed Wall Mount with LED display offers three access points for refrigerant outlet pipes: left, right or rear
- The front panel can be raised for accessible wiring and maintenance
- Swing louver angles to 90°
- Unit installs horizontally on a vertical wall
- LED Readout - Mounted on unit. LED displays unit operation status, and codes for maintenance and servicing
- Auto Restart - Automatically restores the previous function setting if power is interrupted
- Cooling Override - Button on the indoor unit allows a temporary 30 minute override of the system for forced "AUTO" or "COOLING" operation
- Flare Connections - Equipped with liquid and gas flare fittings for quick and secure piping
- Multi-Refrigerant Outlet - Allows left, right, or rear access for refrigeration line connection
- Three Speed Fan - Fan functions at three speeds: low, medium and high
- Air Filter - Cleanable air filter is furnished as standard

ACCESSORIES (FURNISHED)

WIRELESS REMOTE CONTROLLER

Furnished with Indoor Unit.

- Complete remote control of system
- Maximum operating range is 25 ft.
- Operates on two AAA 1.5V batteries (furnished)
- Wireless remote controller holder furnished
- Holder can be mounted on a wall for easy access
- Mounting screws furnished

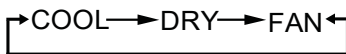


B ON/OFF Button

- Turns system on and off

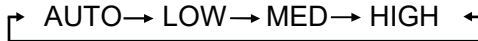
C MODE Button

- Select system operation modes. Push button to cycle through each setting



D FAN Button

- Select fan speed. Push button to cycle through each setting



- NOTE** - Hold button for 2 seconds to activate Silence function. Operates the compressor at low frequency and low fan speed to reduce operating sound levels to a minimum. Hold FAN button for 2 seconds to cancel.

E SLEEP Button

- Enables the system to automatically increase cooling (in 2°F increments) per hour for the first 2 hours, then maintain a steady temperature for 5 hours
- System shuts off after 7 total hours of operation

- NOTE** - To cancel, push the “MODE”, “FAN SPEED” or “ON/OFF” buttons.

- NOTE** - SLEEP mode is only available when the unit is in COOL mode.

F TURBO Button

- Enables the unit to reach the preset temperature during cooling operation in the shortest time.

G CLEAN Button

- Automatically cleans and dries the evaporator coil at the end of the cooling season, preventing any odors or mildew.

- NOTE** - CLEAN mode is only available in COOL or DRY mode.

H UP/DOWN Buttons

- Increase or decrease the indoor temperature in one degree increments (maximum 86°F, minimum 62°F).

- NOTE** - Temperature cannot be adjusted in FAN mode.

- NOTE** - Press and hold and buttons together for 3 seconds to alternate the temperature display between the °F and °C scale.

I TIMER ON / TIMER OFF Buttons

- TIMER ON (initiates an auto-on time sequence)

- TIMER OFF (initiates an auto-off time sequence)

- Can be used separately or together

- Each press of the button increases the time in 30 minute increments up to 10 hours

- Above 10 hours each press of the button will increase the auto-timed setting by 60 minutes up to 24 hours

- NOTE** - To cancel, set timer to 0.0 or turn remote off and on.

J SWING Button

- Used to start or stop horizontal (up/down) louver auto-swing feature

K DIRECT Button

- Used to change the louver movement and set the desired up/down air flow direction

- The louver angle changes 6° for each press of the button

L FOLLOW Button

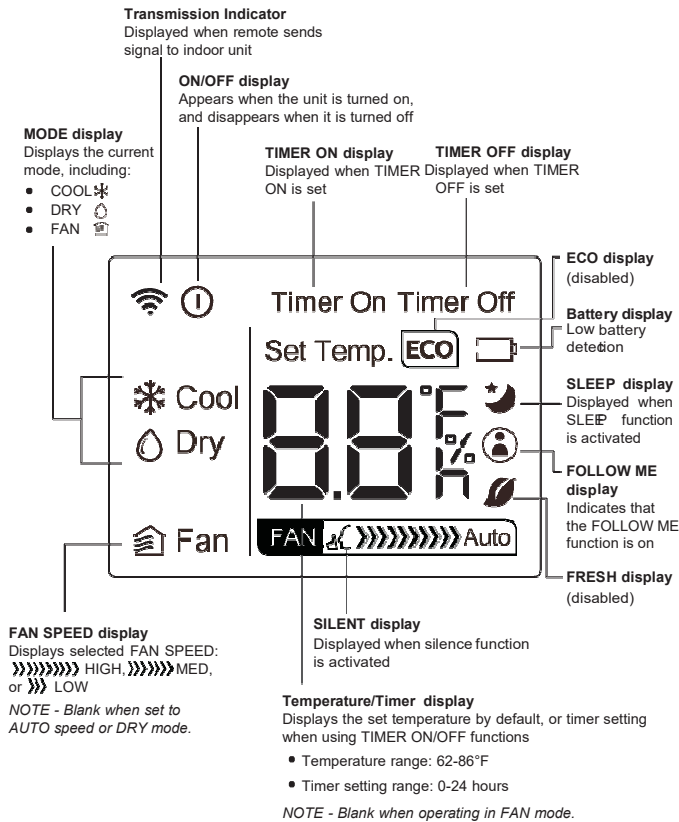
- Allows remote temperature sensing of the room at the remote controller location

M LED Button

- Turns the LCD display backlight on the indoor unit on or off

ACCESSORIES (FURNISHED)

WIRELESS REMOTE CONTROLLER OPERATION



Cooling Operation

1. Press the MODE button to select COOL mode.
2. Press the ON/OFF button to start the air conditioner.

DRY (Dehumidifying) Operation

1. Press the MODE button to select DRY mode.
2. Press the UP/DOWN buttons to set the desired temperature.
3. Press the ON/OFF button to start the air conditioner.

NOTE - Fan speed cannot be changed in DRY mode.

Fan Operation

1. Press the MODE button to select FAN mode.
2. Press the FAN button to select the fan speed in four steps- Auto, Low, Med, or High.
3. Press the ON/OFF button to start the air conditioner.

NOTE - Temperature settings are disabled during fan only operation.

Timer ON/OFF Operation

1. Press the TIMER ON or TIMER OFF button. The remote controller shows TIMER ON or TIMER OFF, the previous Auto-on time setting and the signal "h" (indicating hours) will be shown on the LCD display area.
2. Push the TIMER ON or TIMER OFF button again to set desired time. Each time you press the button, the time increases by 30 minutes between 0 and 10 hours and by 60 minutes between 10 and 24 hours.
3. After setting the TIMER ON or TIMER OFF there will be a one second delay before the remote controller transmits the signal to the unit. After approximately 2 seconds, the signal "h" (indicating hours) will disappear and the set temperature will reappear on the LCD display window.

OPTIONAL ACCESSORIES - ORDER SEPARATELY

WIRED PROGRAMMABLE CONTROLLER

M0STAT64Q-1



- Wired programmable local controller for mini-split indoor units with convenient timed schedules for daily operation
- Up to 8 events per day
- Schedule start time, mode, setpoint, and fan speed
- Compatible with all indoor units
- Copy/paste function for easy duplication of events to other days
- Built-in system diagnostics
- Large, back-lit, easy-to-read LCD screen with digital display

BUTTONS AND FUNCTIONS

POWER Button

- Turn system on and off

FAN SPEED Button

- Scroll through fan speeds (Auto - Low - Med - High)

MODE Button

- Use + and – buttons to scroll through available operation modes (Auto / Cool / Dry / Fan / Heat)

NOTE - HEAT and AUTO modes are not available on air conditioner models.

PLUS (+) and MINUS (–) Buttons

- Setpoint adjustment (62-86°F)
- Select days of the week when setting a schedule
- Select mode of operation

SWING Button

- Stop or start horizontal (up/down) louver auto swing
- Controls swing oscillation and louver angle in 6° increments

TIMER Button

- Sets current time of day (24 hour clock)
- Setup weekly schedules or to setup timed operation for the indoor unit
- Stop/Stop timed operation

DAY OFF / DEL Button

- Disable specific days/schedules of the week
- Delete a specific event

CONFIRM Button

- Confirms each step when managing schedules

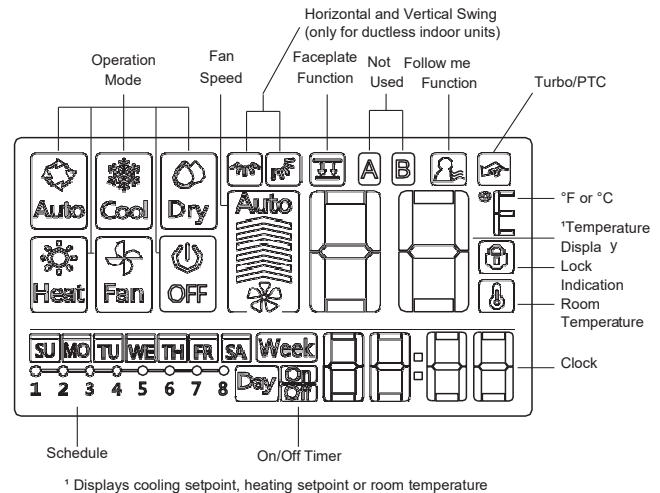
BACK/TURBO Button

- Turbo sets indoor unit fan speed to high for a factory-set time period

COPY/FOLLOW ME Button

- Toggles between room temperature sensing from the indoor unit or the controller

DISPLAY



- Audible tone when a button is pressed (can be disabled)
- Lock function disables buttons to prevent tampering
- Controller uses 4-wire shielded 20 ft. (6 m) cable (furnished) for easy low voltage connection to the indoor unit
- Adaptor cables are furnished for various indoor unit connections

NOTE - Cable for longer lengths must be ordered separately.

NOTE - Maximum cable length is 164 ft. (50 m).

- Hardware for mounting furnished
- Mounts to standard electrical junction box (not furnished)
- Lithium battery furnished
- Power Supply: 5 VDC
- Dimensions (H x W x D): 4-7/8 x 4-3/4 x 3/4 in. (124 x 121 x 19 mm)

OPTIONAL ACCESSORIES

Extension Cable for Wired Programmable Controller

- 20 ft. cable for easy low voltage connection to the indoor unit
- Extends cable to 40 ft. (12 m) length

OPTIONAL ACCESORIES - ORDER SEPARATELY

WIRED NON-PROGRAMMABLE CONTROLLER

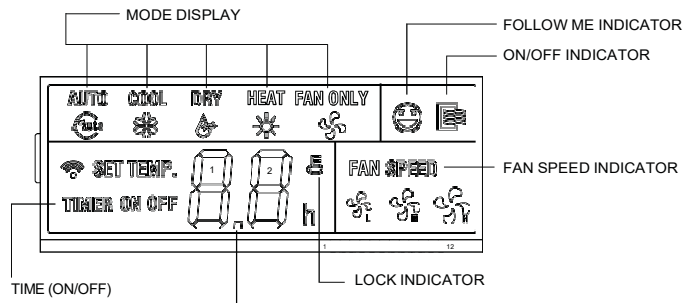
M0STAT61Q-1



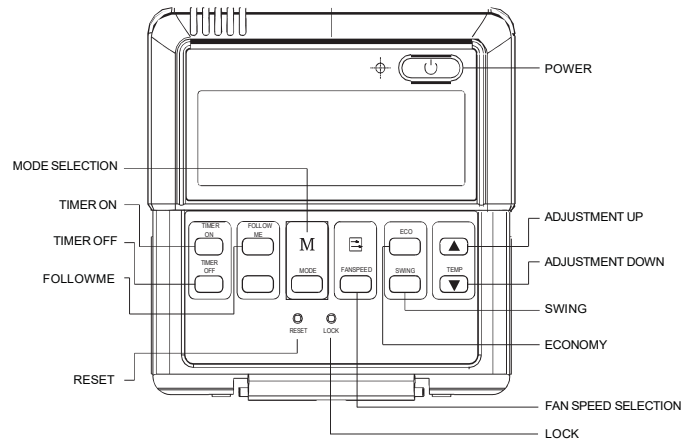
- Permanent Memory - Maintains clock, fan speed and mode of operation settings following power outages
- Dimensions (H x W x D) - 4-3/4 x 4-3/4 x 7/8 in.
- Additional hardware is furnished for installation
- Controller uses 5-wire shielded 20 ft. (6 m) cable (furnished) for easy low voltage connection to the indoor unit

NOTE - Maximum cable length is 40 ft. (12 m).

DISPLAY

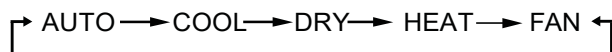


BUTTONS AND FUNCTIONS



MODE Button

- Select system operation modes. Push button to cycle through each setting

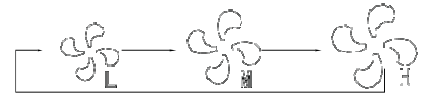


POWER Button

- Turns system on and off

Fan Speed Button

- Selects fan speed. Each button press cycles through the following settings on display



NOTE - Not available in AUTO mode.

TIMER ON / TIMER OFF Buttons

- TIMER ON (initiates an auto-on time sequence)
- TIMER OFF (initiates an auto-off time sequence)
- Can be used separately or together
- Each press of the button increases the time in 30 minute increments up to 10 hours
- Above 10 hours each press of the button will increase the auto-timed setting by 60 minutes up to 24 hours

NOTE - To cancel, set timer to 0.0.

UP / DOWN Buttons ▲ ▼

- Increase or decrease the indoor temperature in two degree increments (maximum 88°F, minimum 62°F)

NOTE - Temperature cannot be adjusted in FAN mode.

NOTE - Press and hold and buttons together for 3 seconds to alternate the temperature display between the °C and °F scale.

SWING Button

- Used to stop or start horizontal louver auto swing feature

ECONOMY Button

- Maintains the most comfortable temperature and saves energy

RESET Button (Recessed)

- Resets Controller to factory settings. Recessed to prevent tampering.

LOCK Button (Recessed)

- Locks Controller buttons to prevent tampering with settings.

OPTIONAL ACCESSORIES

Extension Cable for Wired Remote Controller

- 20 ft. cable for easy low voltage connection to the indoor unit
- Extends cable to maximum 40 ft. (12 m) length

OPTIONAL ACCESSORIES - ORDER SEPARATELY

OUTDOOR UNITS

Condenser Pad

- Provides permanent foundation for outdoor units
- One-piece lightweight structural foam and molded from high-density polyethylene (HDPE)
- Lightweight, easy to carry and install
- Textured finish provides a non-skid surface so outdoor unit sits securely in one place
- UV stable

Disconnects

- Positive unit disconnect
- Single door enclosure
- Fused and non-fused models available

Fuses

- 30 and 60 amp fuses available

Hail Guards

- Protects outdoor coils on all sides without inhibiting airflow or performance
- Self-tapping screws provided for installation
- Flat shape allows for outdoor units to be placed close together
- Each kit contains all required guards
- Order one hail guard kit per outdoor unit module

Indoor/Outdoor Wiring Cable

- 14-gauge, 4-conductor wire
- THHN (Thermoplastic High Heat-resistant Nylon-coated) wire
- Suitable for wet or dry locations
- Rated up to 600V

Refrigerant Line Sets

- Refrigerant lines are shipped refrigeration clean
- Lines are cleaned, dried, pressurized and sealed at factory

Wall Brackets

- Heavy duty 1/8 in. thick steel brackets for supporting outdoor units
- Mount at any height to allow for easy maintenance under units
- Pre-punched holes for easy installation
- Powder coated gray finish
- Load rating 600 lbs. per pair

Whips

- Heavy duty electrical whips are available in 8 and 10 gauge sizes
- 6 ft. lengths
- Weatherproof metal conduit

INDOOR UNITS

Condensate Pumps

- Quietly and efficiently removes condensate
- See Optional Accessories Table for available pumps

A/C Easy Tee® Condensate Cleanout

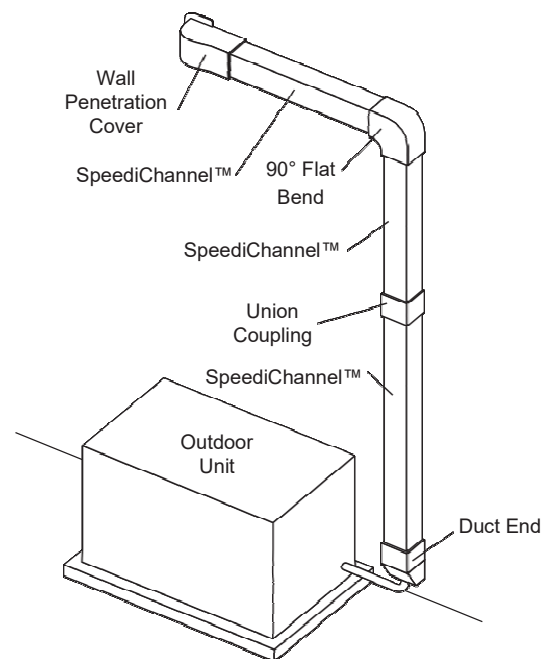
- Condensate drain service port
- Flexible and easy to use with nitrogen, water or shop vac
- Screw cap on top allows easy access to condensate drain line

SPEEDICHANNEL™ SYSTEM



- SpeediChannel™ is a channel system covers system line sets
- Two-part system has a base and a cover
- Base is fastened to a wall or ceiling with plastic clips (SpeediClip™) that snap into a channel already molded into the base
- Cover fits on top of the base
- Manufactured from rigid PVC, which is UL rated and resistant to UV light
- System is a natural color that closely matches typical mini-split outdoor units
- Can be painted as desired to match any wall color

Typical Application



OPTIONAL ACCESORIES - ORDER SEPARATELY

SPEEDICHANNEL™ SYSTEM (continued)

SpeediChannel™ Starter Kit

- The starter kit includes (1) Coupling, (1) Wall Penetration, (1) Inside Elbow, (1) Long Radius Flat Bend, (10) Speediclips™, (10) 11 in. Cable Ties, and (1) SpeediChannel Instruction Booklet

Duct End

- Duct Ends are used to terminate a run of SpeediChannel™ to a small opening just large enough for the line set and condensate drain line to pass through



Flat Wall Escutcheon

- Flat Wall Escutcheons are used to cover a rough opening in a soffit, wall, or ceiling penetration



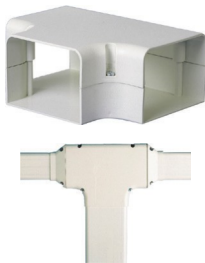
- One side of the escutcheon is flat to allow for a SpeediChannel™ to run along a wall and to penetrate through an adjacent wall or ceiling
- This is the most common type of wall penetration
- Furnished in two parts, the escutcheon easily snaps onto the SpeediChannel™

Flex Joint

- A Flex Joint is an accordion-style piece of SpeediChannel™
- The flex joint can be extremely flexible when routing a SpeediChannel™ system around an obstacle
- Each joint is 20 in. long and can be combined together for longer flex runs
- The flex joint does not require the use of a union coupling
- The flex joint slides tightly inside the SpeediChannel™ system

T-Joint

- T-Joints are used for creating a tee connection between three pieces of SpeediChannel™
- Each tee is individually packed and furnished with stainless steel screws



Union Coupling

- Union Couplings are used for joining two pieces of SpeediChannel™
- Each coupling is individually packed and furnished with stainless steel screws



Wall Penetration Cover

- Wall penetration covers are used to transition from the SpeediChannel™ system to a through wall penetration
- Wall covers are designed to allow for easy installation, even after the line set has been installed
- A hooking and fastening arrangement allows for quick installation
- Each wall cover is individually packed, and furnished with stainless steel screws to attach the wall cover to the base
- Three screws are necessary to fasten the wall cover to the wall construction, regardless of the type of installed system



45° and 90° Flat Bend Elbows

- 45° Flat Bends are used to route the SpeediChannel™ around obstacles
- Each bend is individually packed and furnished with stainless steel screws



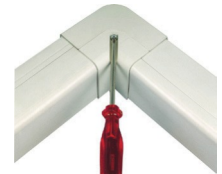
45°



90°

90° Inside Elbow

- 90° Inside Elbows are used to route the SpeediChannel™ around an inside corner
- Each elbow is individually packed and furnished with stainless steel screws



Mount Block White Qty. (2) 14 in. and (2) 36 in.

- Mount Blocks are used as mounting bases when outdoor units must be bolted down
- End caps (for aesthetics) come furnished with mounting bolts
- Maximum load capacity is 900 pounds per mounting block
- Installation temperatures range from -4°F to 140°F
- Mount blocks fit all mini-split outdoor units with a sliding rail feature



SPECIFICATIONS - OUTDOOR UNITS

Outdoor Unit Model No.	MCA009S4S	MCA012S4S	MCA018S4S	MCA024S4S	
Nominal Size - Tons	0.75	1	1.5	2	
Ambient Temperature Operating Range - °F	5 - 122	5 - 122	5 - 122	5 - 122	
Energy Star	No	No	No	No	
Sound Data (dBA)	51	51.5	53.5	57	
Refrigerant (R-410A)	Charge furnished (115V)	---	1 lb. 5 oz.	---	
	Charge furnished (208/230V)	1 lb. 2 oz.	1 lb. 3 oz.	2 lbs. 0 oz.	
	Maximum line length with furnished charge - ft.	25	25	25	
	Additional charge required per ft. - oz.	0.16	0.16	0.16	
Compressor	No. and Type	(1) Rotary	(1) Rotary	(1) Rotary	
	Refrigerant oil type	VG74	VG74	VG74	
	Refrigerant oil charge - oz.	5.7	12.5 (115V) 5.7 (208/230V)	14.9	
Connections - in.	Liquid/Gas pipe (flare)	1/4 / 3/8	1/4 / 1/2	1/4 / 1/2	
	Maximum refrigerant pipe length - ft.	82	82	98	
	Max. difference in level of indoor unit - ft.	33	33	66	
Outdoor Fan	(No.) Diameter - in.	(1) 16-3/4	(1) 16-3/4	(1) 16-3/4	
	Total air volume - cfm	1230	1175 (115V) 1230 (208/230V)	1195	
	rpm	850/700	850/700	850/700	
Outdoor Coil	Number of rows	1	1	2	
	Fins per inch	21	21	21	
	Fin type	Hydrophilic aluminium			
	Tube outside diameter - in.	1/4	1/4	1/4	
	Tube type	Rifled copper tubing			
	Net face area - ft. ²	4.15	4.15	4.15	
	Application area - ft. ²	130 - 195	170 - 250 (115V) 160 - 240 (208/230V)	250 - 355	
	Design Pressure PSIG	550/340	550/340	550/340	
Shipping Data	Net/Shipping weight (lbs.) (115V)	---	63 / 68	---	
	(208/230V)	54 / 59	55 / 60	66 / 73	
ELECTRICAL DATA					
Electrical Characteristics - 60 Hz - 1 Phase	208/230V	115V	208/230V	208/230V	
¹ Maximum Overcurrent Protection (amps)	15	20	15	20	
² Minimum circuit ampacity	10	15	11	15	
Compressor Rated load amps	6.2	9.5	6.8	9.0	
Outdoor Fan Motor	Rated load amps	0.4	0.6	0.5	
	Output - W	58	58	58	

NOTE - Extremes of operating range are plus and minus 10% of line voltage.

¹ HACR type circuit breaker or fuse.

² Refer to National or Canadian Electrical Code manual to determine wire, fuse and disconnect size requirements.

SPECIFICATIONS - WALL-MOUNTED INDOOR UNITS

Indoor Unit Model No.	MWCA009S4	MWCA012S4		MWCA018S4	MWCA024S4
Nominal Size - Tons	0.75	1		1.5	2
Power Supply - 60 hz - 1 phase	208/230V	115V	208/230V	208/230V	208/230V
Rated load amps	0.22	0.43	0.22	0.40	0.40
Output (W)	47.4	46	47.4	36	89
Room Temperature Range (°F) Cooling	62 - 90	62 - 90	62 - 90	62 - 90	62 - 90
Air Volume - cfm (High/Medium/Low)	241/206/147	235/206/147	241/194/206	530/441/353	581/456/331
Sound Data (dBA) - Low/Medium/High	26.5/32/38	24.5/33/38.5	24.5/34.5/37.5	30.5/34.5/42	34/40.5/46
Piping Connections - Liquid/Gas - o.d. - flare - in.	1/4 / 3/8	1/4 / 1/2	1/4 / 1/2	1/4 / 1/2	3/8 / 5/8
Drain connection o.d. - in.	1	1	1	1	1
Net/Shipping weights - lbs.	17 / 22	19 / 25	18 / 24	26 / 31	32 / 40

AHRI SYSTEM MATCHES

Indoor Unit Type	Outdoor Unit	Indoor Unit	Cooling Capacity	SEER	EER	AHRI Reference
Wall-Mounted Ductless	MCA009S4S-1P	MWCA009S4-1P	9,000	19.00	11.10	202515503
	MCA012S4S-1L	MWCA012S4-1L	12,000	16.50	10.00	202515502
	MCA012S4S-1P	MWCA012S4-1P	11,500	19.00	11.10	202515504
	MCA018S4S-1P	MWCA018S4-1P	17,000	20.00	10.80	202515505
	MCA024S4S-1P	MWCA024S4-1P	22,000	19.00	10.90	202515506

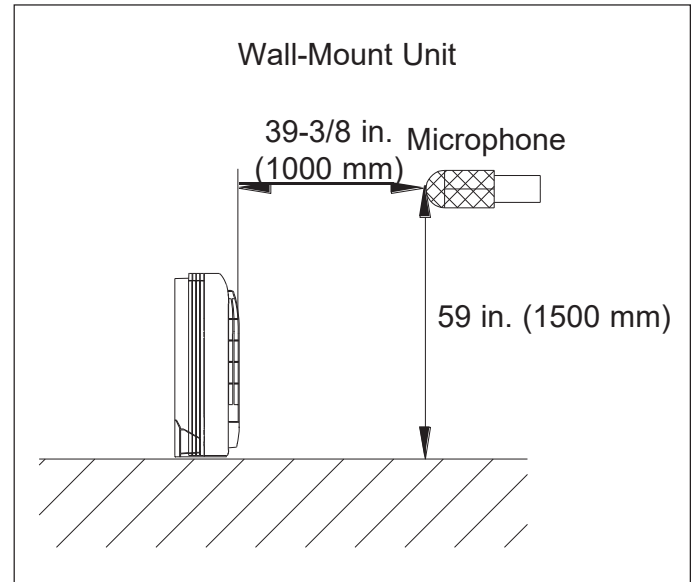
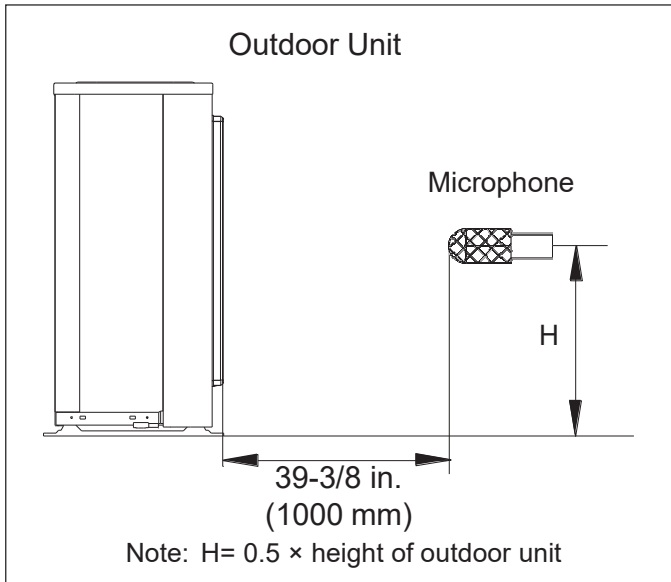
Ratings are AHRI certified to AHRI Standard 210/240 with Addenda 1 and 2 (with 25 ft. of connecting refrigerant lines); 95°F outdoor air temperature, 80°F db / 67°F wb entering evaporator air.

OPTIONAL ACCESSORIES - ORDER SEPARATELY

Description	Catalog No.	Size				
		09	12	18	24	
OUTDOOR UNIT						
Condenser Pad (18 x 38 x 3)	Y5014	•	•	•	•	
Disconnects	30 amp, fused, 1 ph	27P37	•	•	•	
	60 amp, non-fused, 1 ph	27P39	•	•	•	
Fuses	30A	83P75	•	•	•	
	60A	83P77	•	•	•	
Hail Guards	M9GARD19Q-1	15D32	•	•	N/A	
	M9GARD15Q-1	15D26	N/A		•	
Line Sets	1/4 in. x 3/8 in. x 25 ft.	90X53	•	N/A		
	1/4 in. x 3/8 in. x 50 ft.	X0258	•	N/A		
	1/4 in. x 1/2 in. x 25 ft.	90X52	N/A	•	•	N/A
	1/4 in. x 1/2 in. x 50 ft.	X0259	N/A	•	•	N/A
	3/8 in. x 5/8 in. x 25 ft.	X8406	N/A		•	
	3/8 in. x 5/8 in. x 50 ft.	X8407	N/A		•	
Wall Brackets	30 inch	X1727	•	•	•	
Whips	10 Gauge - 1/2 in. x 6 ft.	29P54	•	•	•	
	8 Gauge - 3/4 in. x 6 ft.	27P44	•	•	•	
INDOOR UNIT						
¹ Diversitech Condensate Pumps with Reservoir	ClearVue Mini™ - 7.9 US gallons per hour, 35 ft. lift - 120/240V	Y5170	•	•	•	
	Mini-Split Pump - 4 US gallons per hour, 20 ft. lift - 115V	Y7946	N/A	•	N/A	
	Mini-Split Pump - 4 US gallons per hour, 20 ft. lift - 230V	Y7949	•	•	•	
¹ Blue Diamond® Condensate Pumps with Reservoir	MicroBlue® - 1.3 US gallons per hour, 6 ft. lift - 110v-230V	14T74	•	•	N/A	
	MaxiBlue® - 3.7 US gallons per hour, 16.5 ft. lift - 208-230V	14T69	N/A		•	
	MultiTank Kit	14T75	N/A		•	
	Sensor Cable Extension - 16 ft.	14T76	•	•	•	
A/C Easy Tee® Condensate Cleanout		Y7947	•	•	•	
CONTROLS						
Wired Programmable Controller	M0STAT64Q-1	15D30	•	•	•	
Wired Non-Programmable Remote Controller	M0STAT61Q-1	14A66	•	•	•	
Extension Cable for Wired Programmable Controller - 20 ft.	M0CTRL64Q-1	Y8738	•	•	•	
Indoor/Outdoor Wiring Cable - 14 Gauge, 4 conductor wire, THHN, 250 ft.		Y2067	•	•	•	
SPEEDICHANNEL™ SYSTEM						
SpeediChannel™ Starter Kit - 4 in.		Y3387	•	•	•	
SpeediChannel - 4 in. x 6-1/2 ft. (qty. 6)		Y3388	•	•	•	
Union Coupling - 4 in.		Y3389	•	•	•	
90° Flat Bend Elbow - 4 in.		Y3390	•	•	•	
90° Inside Elbow - 4 in.		Y3391	•	•	•	
45° Flat Bend Elbow - 4 in.		Y3392	•	•	•	
Flex Joint - 4 in.		Y3393	•	•	•	
T-Joint - 4 in.		Y3394	•	•	•	
Duct End - 4 in.		Y3395	•	•	•	
Flat Wall Escutcheon - 4 in.		Y3396	•	•	•	
Wall Penetration Cover - 4 in.		Y3399	•	•	•	
Mount Block (White) Qty, 2 - 14 in.		Y3397	•	•	•	
Mount Block (White) Qty, 2 - 36 in.		Y3398	•	•	•	

¹ Y7946, Y7949 and 14T74 condensate pumps can be installed inside the indoor units. All other pumps must be installed external to the indoor unit.

SOUND LEVELS - TEST CONDITIONS



COOLING CAPACITY - 009 (208/230V)

Outdoor Temperature - °F (Dry Bulb)	Indoor Temperature - °F (Dry Bulb / Wet Bulb)							
	65°F / 54°F		70°F / 59°F		75°F / 63°F		80°F / 67°F	
	Total mBtuh	Sensible mBtuh	Total mBtuh	Sensible mBtuh	Total mBtuh	Sensible mBtuh	Total mBtuh	Sensible mBtuh
5	7.96	5.70	8.44	6.12	9.11	6.53	9.59	6.86
15	8.56	6.27	9.18	6.79	9.96	7.29	10.37	7.60
25	9.08	6.18	9.57	6.45	10.33	7.03	10.87	7.33
35	9.45	6.51	9.89	6.79	10.61	7.32	11.17	7.72
45	10.45	7.13	10.89	7.46	11.82	8.07	12.44	8.45
55	10.41	7.58	10.97	7.98	11.97	8.71	12.47	9.03
65	10.45	7.61	11.01	8.02	11.89	8.66	12.51	9.12
75	10.61	7.44	11.11	7.79	11.86	8.32	12.55	8.80
85	9.92	7.06	10.39	7.35	11.22	7.98	11.81	8.32
95	9.24	6.81	9.79	7.21	10.45	7.70	11.06	8.27
105	8.69	6.78	9.16	7.14	9.89	7.71	10.40	8.12
110	8.14	6.92	8.63	7.34	9.22	7.83	9.75	8.29
115	7.37	6.56	7.81	6.95	8.43	7.50	8.87	7.90
122	6.59	6.07	6.99	6.43	7.58	6.98	7.90	7.27

COOLING CAPACITY - 012 (115V)

Outdoor Temperature - °F (Dry Bulb)	Indoor Temperature - °F (Dry Bulb / Wet Bulb)							
	65°F / 54°F		70°F / 59°F		75°F / 63°F		80°F / 67°F	
	Total mBtuh	Sensible mBtuh	Total mBtuh	Sensible mBtuh	Total mBtuh	Sensible mBtuh	Total mBtuh	Sensible mBtuh
5	7.64	5.28	8.13	5.61	8.44	5.80	8.83	6.09
15	7.93	5.62	8.44	5.98	8.85	6.32	9.22	6.52
25	8.38	5.94	8.77	6.22	9.30	6.62	9.63	6.90
35	8.81	6.18	9.16	6.42	9.61	6.82	10.06	7.10
45	9.00	6.63	9.63	7.09	10.09	7.55	10.46	7.68
55	9.47	7.31	9.96	7.69	10.39	7.87	10.88	7.78
65	9.92	7.01	10.42	7.37	10.93	7.73	11.33	8.01
75	10.15	7.31	10.80	7.77	11.28	8.11	11.81	8.50
85	10.78	7.86	11.28	8.22	11.90	8.67	12.39	9.03
95	11.02	7.73	11.53	8.08	12.16	8.53	12.60	8.84
105	9.81	7.11	10.31	7.48	10.82	7.85	11.33	8.22
110	8.67	6.76	9.17	7.15	9.72	7.58	10.07	7.86
115	7.98	6.78	8.44	7.17	8.76	7.44	9.17	7.79
122	7.14	6.35	7.43	6.61	7.79	6.94	8.16	7.26

COOLING CAPACITY - 012 (208/230V)

Outdoor Temperature - °F (Dry Bulb)	Indoor Temperature - °F (Dry Bulb / Wet Bulb)							
	65°F / 54°F		70°F / 59°F		75°F / 63°F		80°F / 67°F	
	Total mBtuh	Sensible mBtuh	Total mBtuh	Sensible mBtuh	Total mBtuh	Sensible mBtuh	Total mBtuh	Sensible mBtuh
5	10.44	7.51	11.00	7.92	11.88	8.55	12.58	9.05
15	10.86	7.92	11.46	8.35	12.31	8.97	13.17	9.59
25	11.33	7.95	11.88	8.33	12.91	9.06	13.74	9.63
35	11.95	8.67	12.45	9.03	13.52	9.81	14.31	10.37
45	11.75	8.69	12.25	9.06	13.31	9.84	14.16	10.46
55	11.36	8.26	11.84	8.61	13.01	9.46	13.77	10.01
65	11.12	8.10	11.72	8.54	12.66	9.22	13.40	9.76
75	10.74	7.54	11.33	7.95	12.18	8.54	13.03	9.13
85	10.44	7.38	10.95	7.74	11.90	8.41	12.66	8.95
95	10.13	7.91	10.63	8.29	11.61	9.06	12.29	9.59
105	9.51	7.90	9.91	8.23	10.70	8.89	11.39	9.46
110	8.71	7.40	9.08	7.72	9.92	8.43	10.49	8.92
115	7.88	7.01	8.21	7.31	8.98	7.99	9.55	8.50
122	7.06	6.42	7.35	6.69	8.03	7.31	8.50	7.74

COOLING CAPACITY - 018 (208/230V)

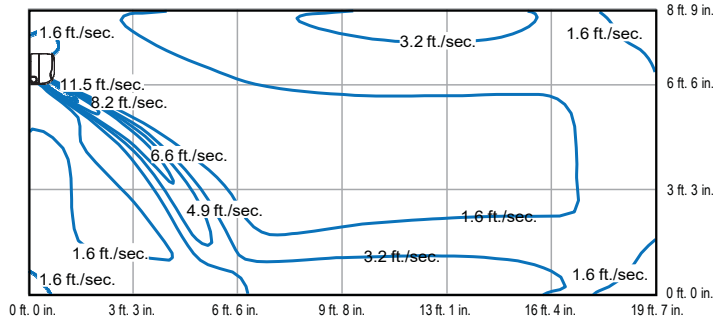
Outdoor Temperature - °F (Dry Bulb)	Indoor Temperature - °F (Dry Bulb / Wet Bulb)							
	65°F / 54°F		70°F / 59°F		75°F / 63°F		80°F / 67°F	
	Total mBtuh	Sensible mBtuh	Total mBtuh	Sensible mBtuh	Total mBtuh	Sensible mBtuh	Total mBtuh	Sensible mBtuh
5	18.18	13.18	19.25	13.95	20.21	14.64	21.27	15.41
15	17.66	13.24	18.70	14.02	19.63	14.72	20.77	15.58
25	17.49	12.49	18.83	13.45	19.66	14.05	20.69	14.79
35	17.76	12.45	18.69	13.11	19.51	13.69	20.65	14.48
45	17.19	12.51	18.09	13.17	19.10	13.90	20.10	14.63
55	16.64	12.06	17.52	12.70	18.40	13.33	19.57	14.19
65	16.09	11.57	17.23	12.39	18.00	12.94	19.04	13.69
75	15.83	11.53	16.66	12.13	17.59	12.81	18.51	13.48
85	15.29	11.29	16.10	11.89	16.99	12.56	17.98	13.29
95	14.75	11.65	15.80	12.48	16.58	13.10	17.45	13.79
105	14.00	11.34	14.74	11.94	15.48	12.53	16.38	13.26
110	13.00	10.79	13.84	11.49	14.53	12.06	15.30	12.70
115	11.76	10.59	12.53	11.27	13.09	11.78	13.92	12.53
122	10.59	9.85	11.09	10.31	11.71	10.89	12.39	11.52

COOLING CAPACITY - 024 (208/230V)

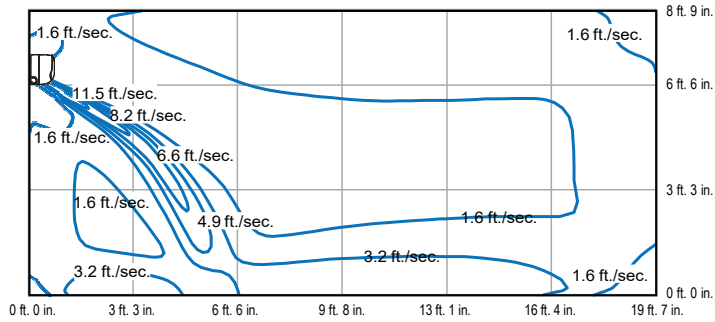
Outdoor Temperature - °F (Dry Bulb)	Indoor Temperature - °F (Dry Bulb / Wet Bulb)							
	65°F / 54°F		70°F / 59°F		75°F / 63°F		80°F / 67°F	
	Total mBtuh	Sensible mBtuh	Total mBtuh	Sensible mBtuh	Total mBtuh	Sensible mBtuh	Total mBtuh	Sensible mBtuh
5	17.92	14.25	19.22	15.28	20.19	16.03	21.59	17.03
15	17.95	14.49	19.47	15.72	20.34	16.34	21.75	17.41
25	18.32	14.28	19.31	15.05	20.41	15.85	21.94	16.79
35	18.39	14.32	19.61	15.27	20.72	16.14	22.16	16.99
45	18.47	13.93	19.93	15.03	20.94	15.79	22.39	16.89
55	18.87	13.69	20.22	14.67	21.02	15.25	22.60	16.40
65	18.93	13.65	20.30	14.63	21.33	15.38	22.81	16.44
75	18.99	15.11	20.60	16.39	21.53	17.12	23.02	18.31
85	19.41	15.67	20.46	16.51	21.62	17.45	23.25	18.76
95	19.47	15.17	20.76	16.17	21.93	17.09	23.46	18.28
105	17.81	13.86	19.21	14.96	20.18	15.71	21.59	16.81
110	16.47	13.40	17.65	14.37	18.44	14.93	19.72	15.83
115	14.89	13.73	15.97	14.73	16.69	15.19	17.94	16.27
122	13.17	12.63	14.29	13.70	14.93	14.31	15.97	15.31

AIR THROW DATA

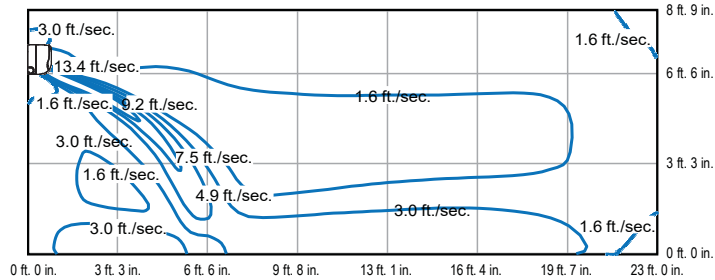
MWCA009S4 - COOLING



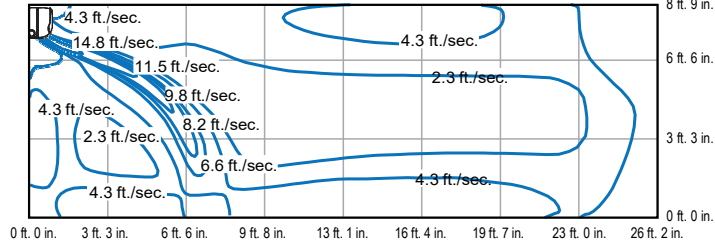
MWCA012S4 - COOLING



MWCA018S4 - COOLING

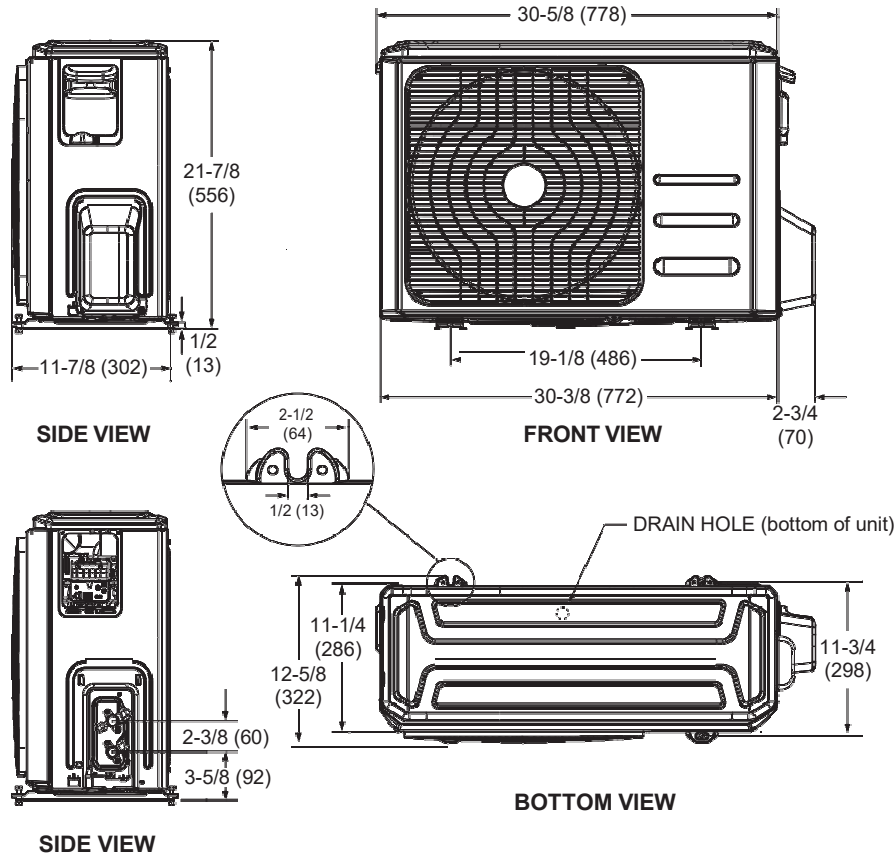


MWCA024S4 - COOLING

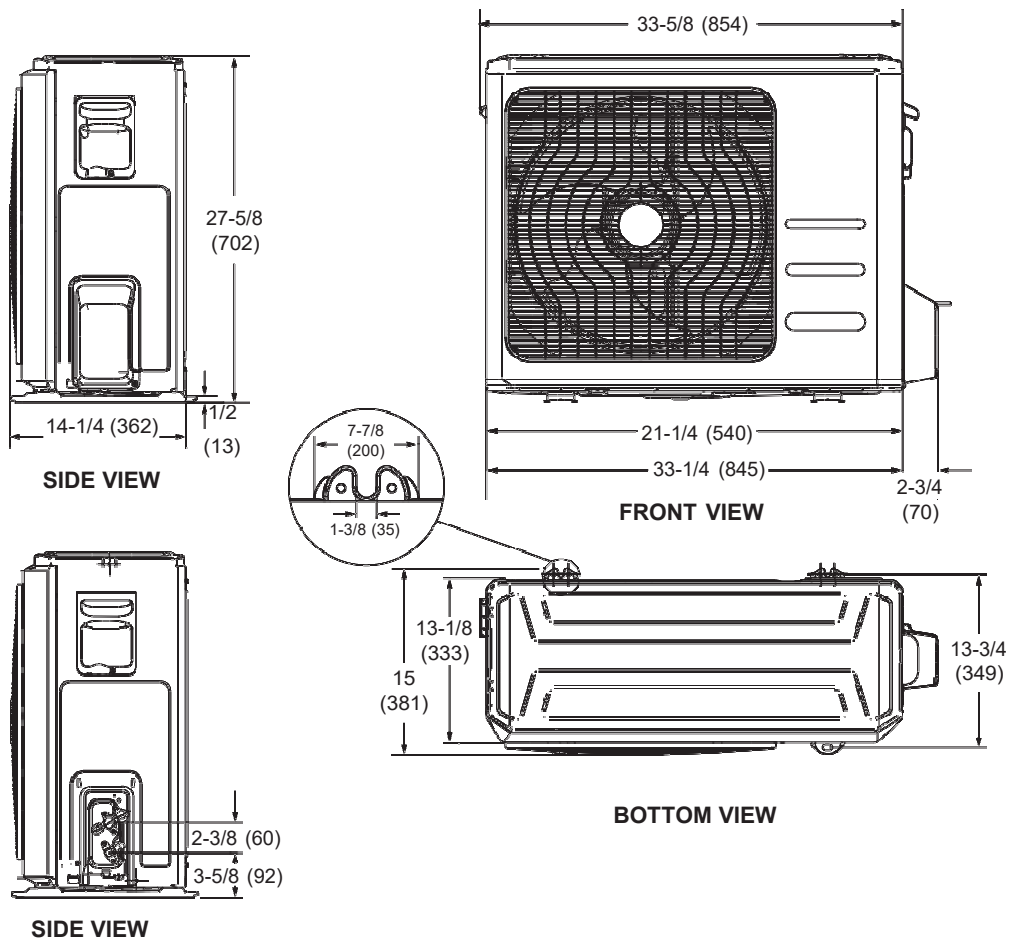


DIMENSIONS - OUTDOOR UNITS

MCA009S4S, MCA012S4S, MCA018S4S

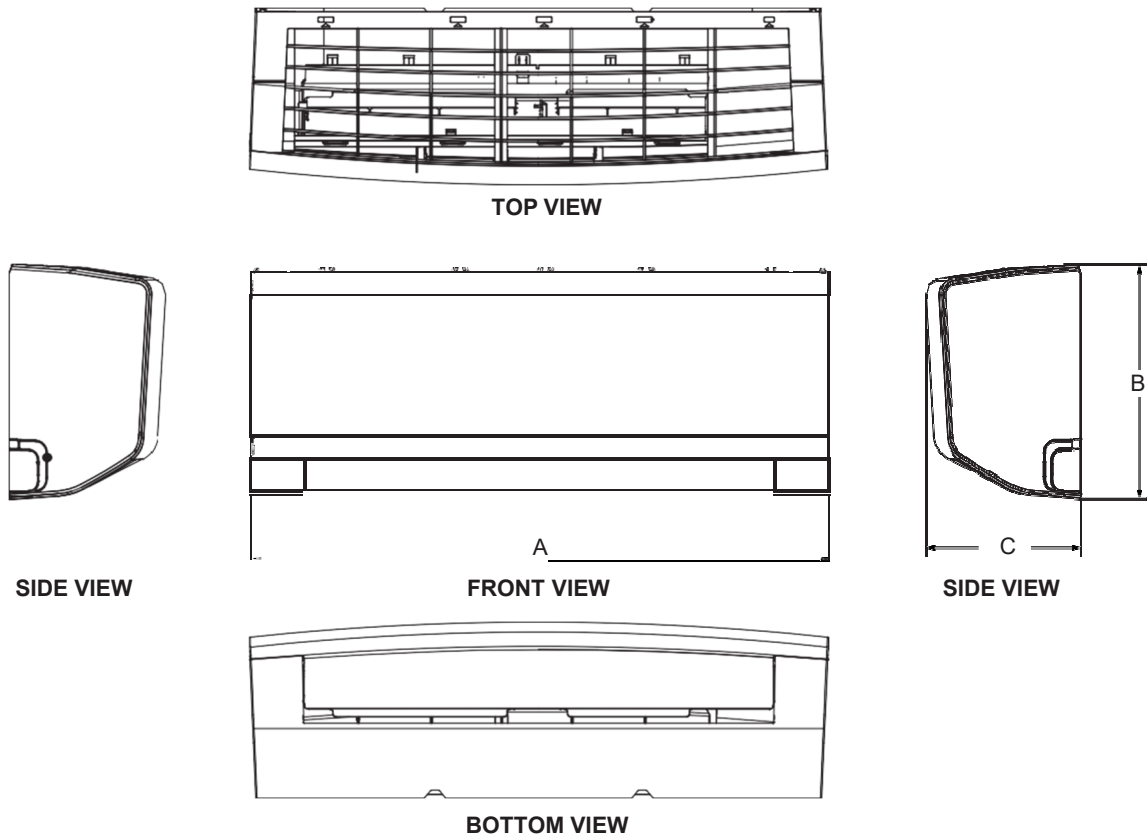


MCA024S4S



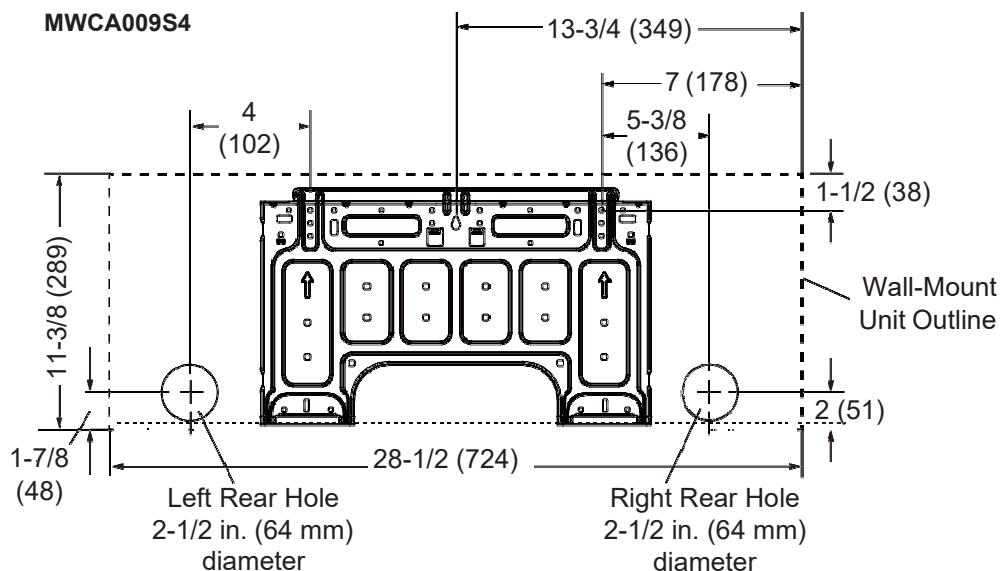
DIMENSIONS - WALL-MOUNTED INDOOR UNITS

MWCA009S4, MWCA009S4, MWCA012S4, MWCA012S4, MWCA018S4, MWCA024S4, MWCA030S4

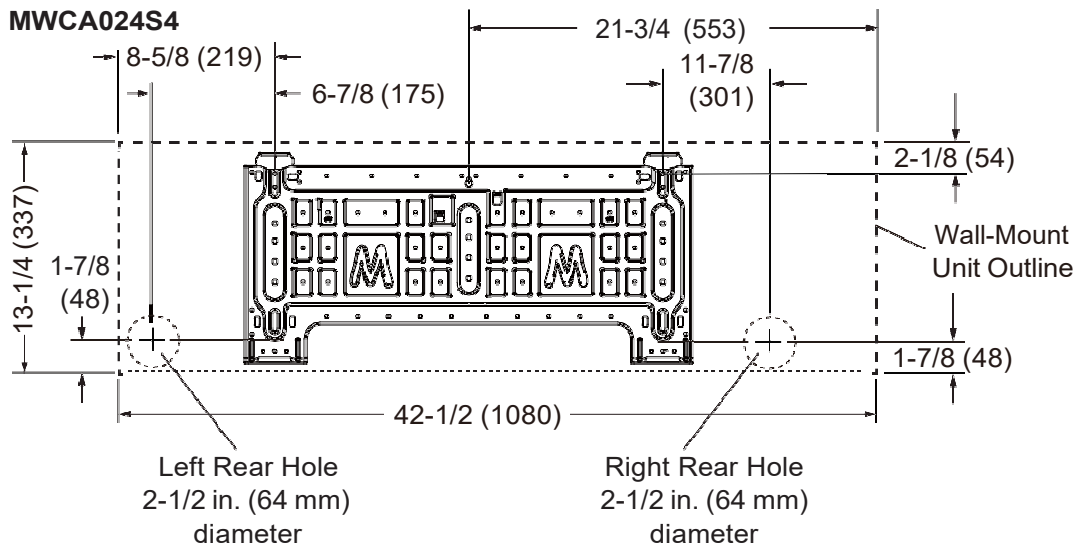
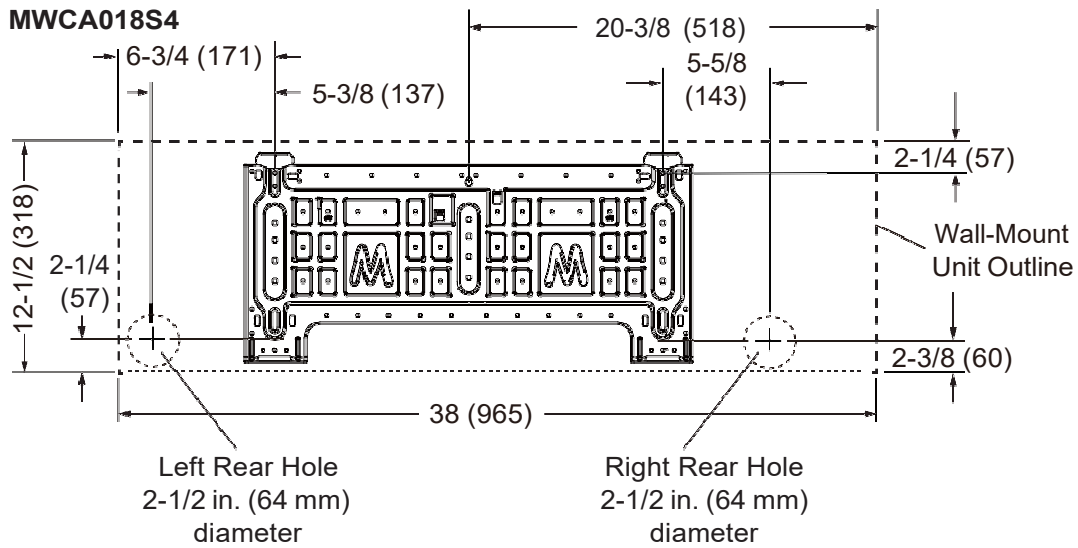
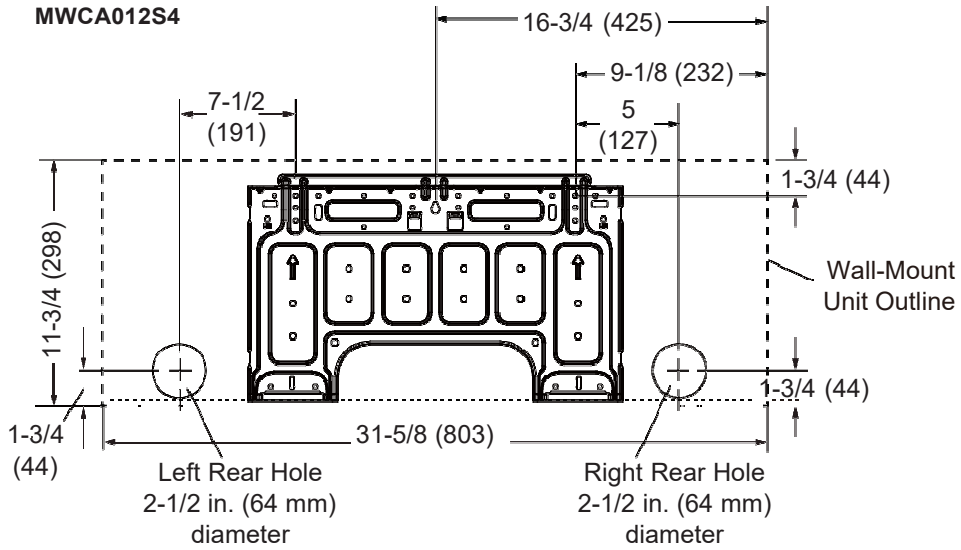


Size	A		B		C	
	in.	mm	in.	mm	in.	mm
MWCA009	29-5/8	752	11-3/8	289	8-5/8	219
MWCA012	32-3/4	832	11-3/4	298	8-3/4	222
MWCA018	39-1/8	994	12-1/2	318	9-7/8	251
MWCA024	44	1118	13-1/4	337	10-1/4	260

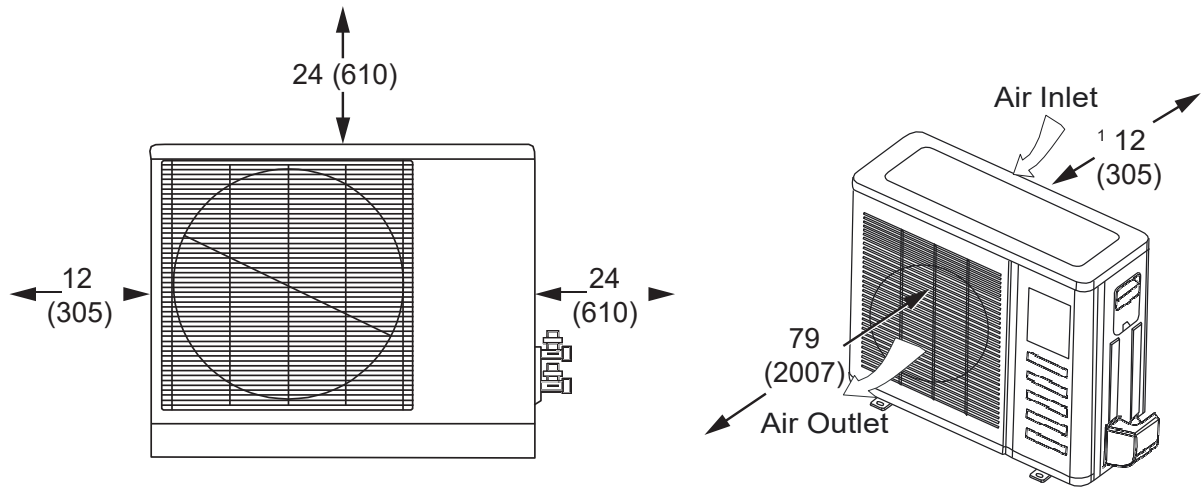
DIMENSIONS - WALL-MOUNTED INDOOR UNITS - WALL PLATES



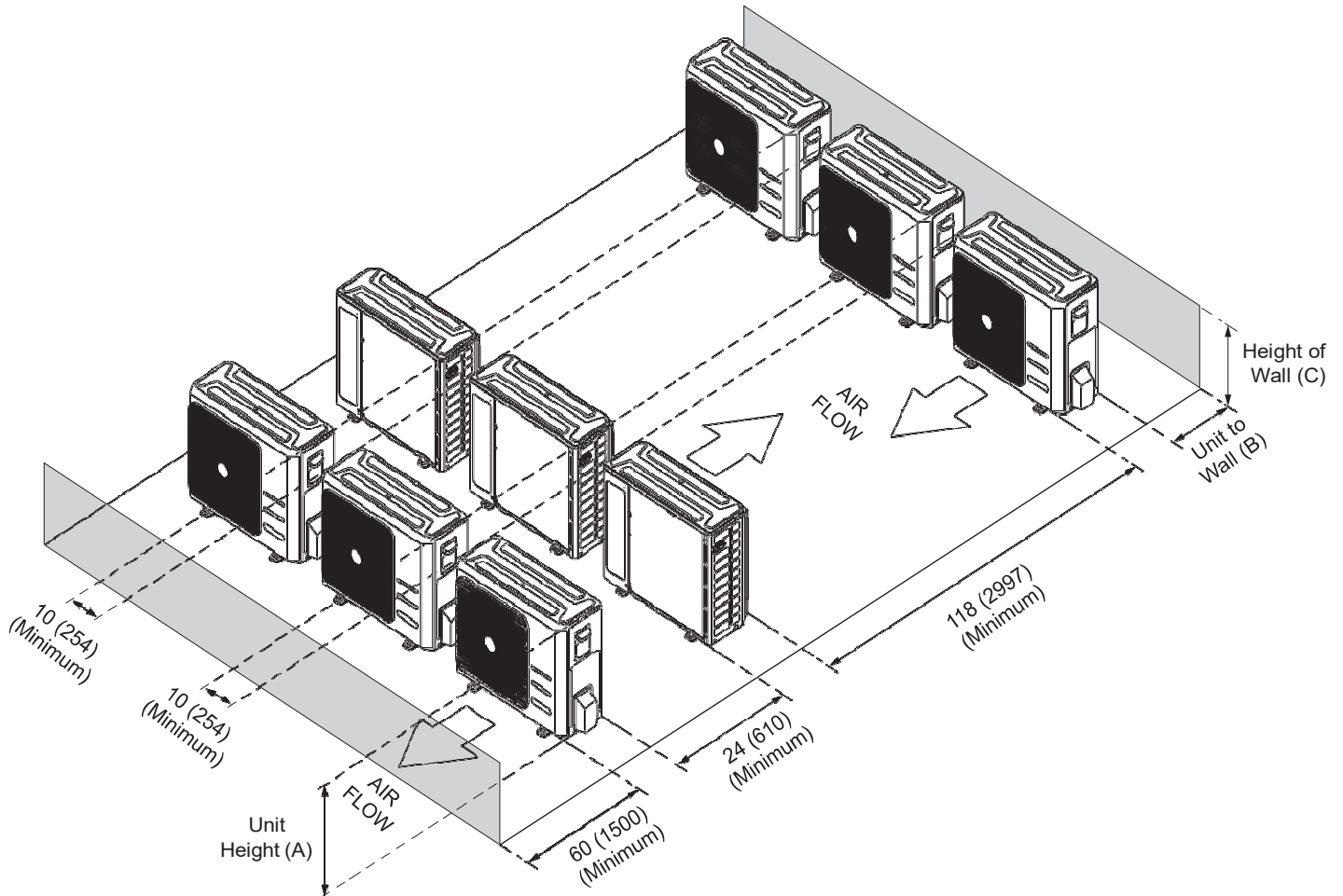
DIMENSIONS - WALL-MOUNTED INDOOR UNITS - WALL PLATES



INSTALLATION CLEARANCES - OUTDOOR UNITS



¹ Minimum rear clearance can be 6 inches (152 mm) when mounted on brackets and with no obstructions on the other three sides.



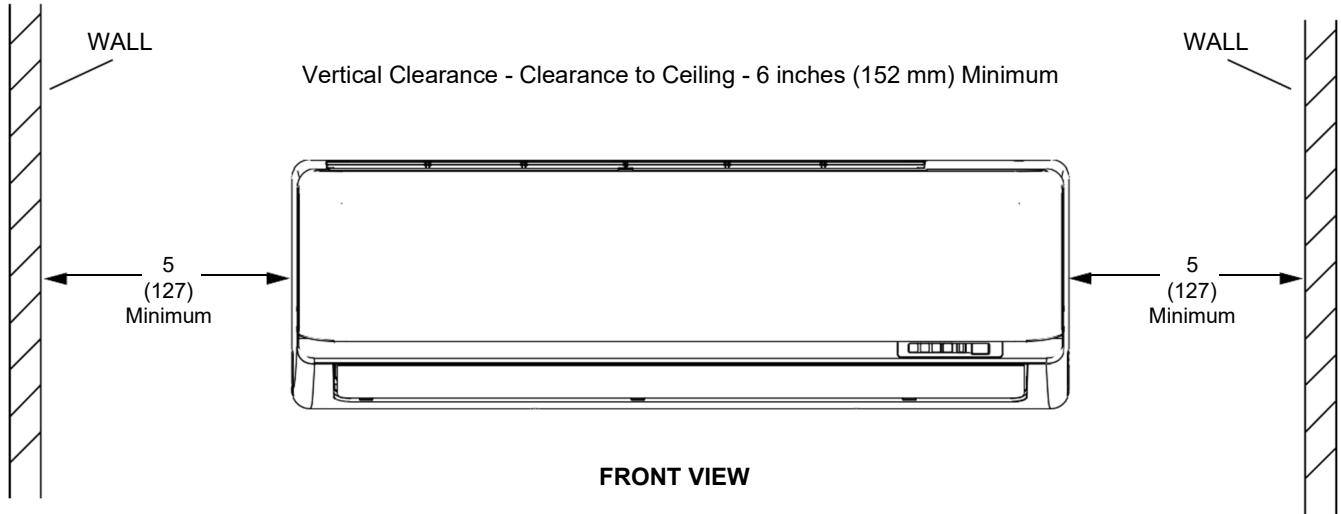
CLEARANCE NOTES FOR MULTIPLE UNITS:

If the height of the wall (C) is less than or equal to the height of the smallest unit (A), the distance from the unit to the wall (B) must be a minimum of 10 inches (254 mm).

If 1/2 the height of the unit (A) is less than the height of the wall (C), the distance from the unit to the wall (B) must be a minimum of 12 inches (305 mm).

If the height of the wall (C) is greater than the height of the unit (A), the distance from the unit to the wall (B) must be a minimum of 20 inches (508 mm).

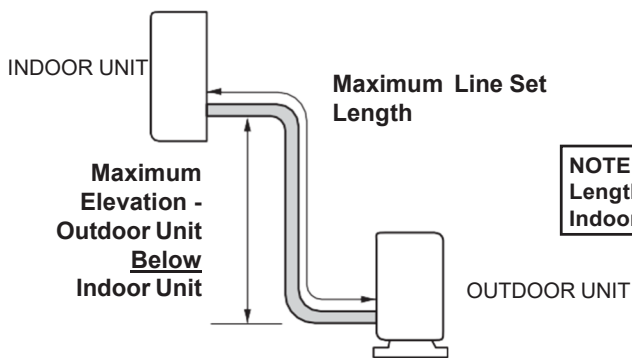
INSTALLATION CLEARANCES - WALL-MOUNTED INDOOR UNITS



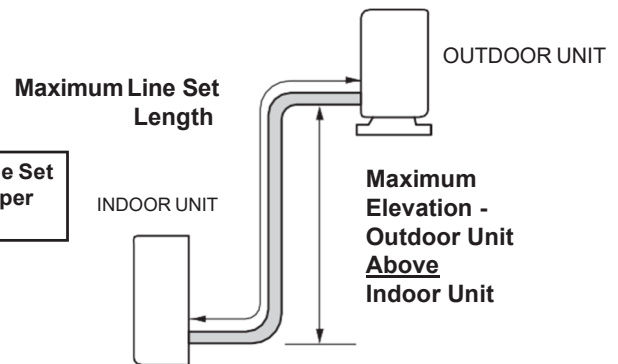
Vertical Clearance - Clearance to Floor - 72 inches (1829 mm) Minimum
 NOTE - Provide 96 inches (2438) clearance to floor for best performance

LINE SET AND ELEVATION GUIDELINES

Outdoor Unit BELOW Indoor Unit



Outdoor Unit ABOVE Indoor Unit



Size	Line Set Diameters (in.)		Maximum Elevation - Outdoor Unit <u>Below</u> Indoor Unit ft. (m)	Maximum Elevation - Outdoor Unit <u>Above</u> Indoor Unit ft. (m)	Maximum Line Set Length ft. (m)
	Liquid	Gas			
009	1/4	3/8	33 ft. (10 m)	33 ft. (10 m)	82 ft. (25 m)
012	1/4	1/2	33 ft. (10 m)	33 ft. (10 m)	82 ft. (25 m)
018	1/4	1/2	66 ft. (20 m)	66 ft. (20 m)	98 ft. (30 m)
024	3/8	5/8	66 ft. (20 m)	66 ft. (20 m)	98 ft. (30 m)

REVISIONS

Sections	Description of Change
Specifications	Maximum line length with furnished charge - ft. updated.



Visit us at www.lennox.com

For the latest technical information, www.LennoxPros.com

Contact us at 1-800-4-LENNOX

NOTE - Due to Lennox' ongoing commitment to quality, Specifications, Ratings and Dimensions subject to change without notice and without incurring liability. Improper installation, adjustment, alteration, service or maintenance can cause property damage or personal injury. Installation and service must be performed by a qualified installer and servicing agency.

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Project Information:

19018

COK PUBLIC SAFETY COMPLEX

900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:
Architects Design Group

Table with 3 columns: #, ISSUE, DATE. Lists revision history from issue #1 to #4.

Table with 3 columns: Issue Date, Name, Title. Lists project team members including John Thurman (PM) and Jared Wilkins (Checked By).

Drawing info:

G002

DRAWING INDEX

Main drawing index table with columns: DRAWING NUMBER, DRAWING DESCRIPTION, SHEET ISSUE DATE, REV NO., REVISION TITLE, REV DATE. Lists various drawings from GENERAL FRONT END to CIVIL, LANDSCAPE, ARCHITECTURAL - GENERAL, etc.

Main drawing index table with columns: DRAWING NUMBER, DRAWING DESCRIPTION, SHEET ISSUE DATE, REV NO., REVISION TITLE, REV DATE. Lists drawings from CA - LEVEL LL3 C RCP to CA - LEVEL LL3 B RCP.

Main drawing index table with columns: DRAWING NUMBER, DRAWING DESCRIPTION, SHEET ISSUE DATE, REV NO., REVISION TITLE, REV DATE. Lists drawings from CA - LEVEL LL2 A FRAMING PLAN to CA - LEVEL LL3 B FOUNDATION PLAN.



Project Information:

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Architects Design Group

#	ISSUE	DATE
2	ADD #02.1	02/17/21
4	ADD #04.1	03/03/21

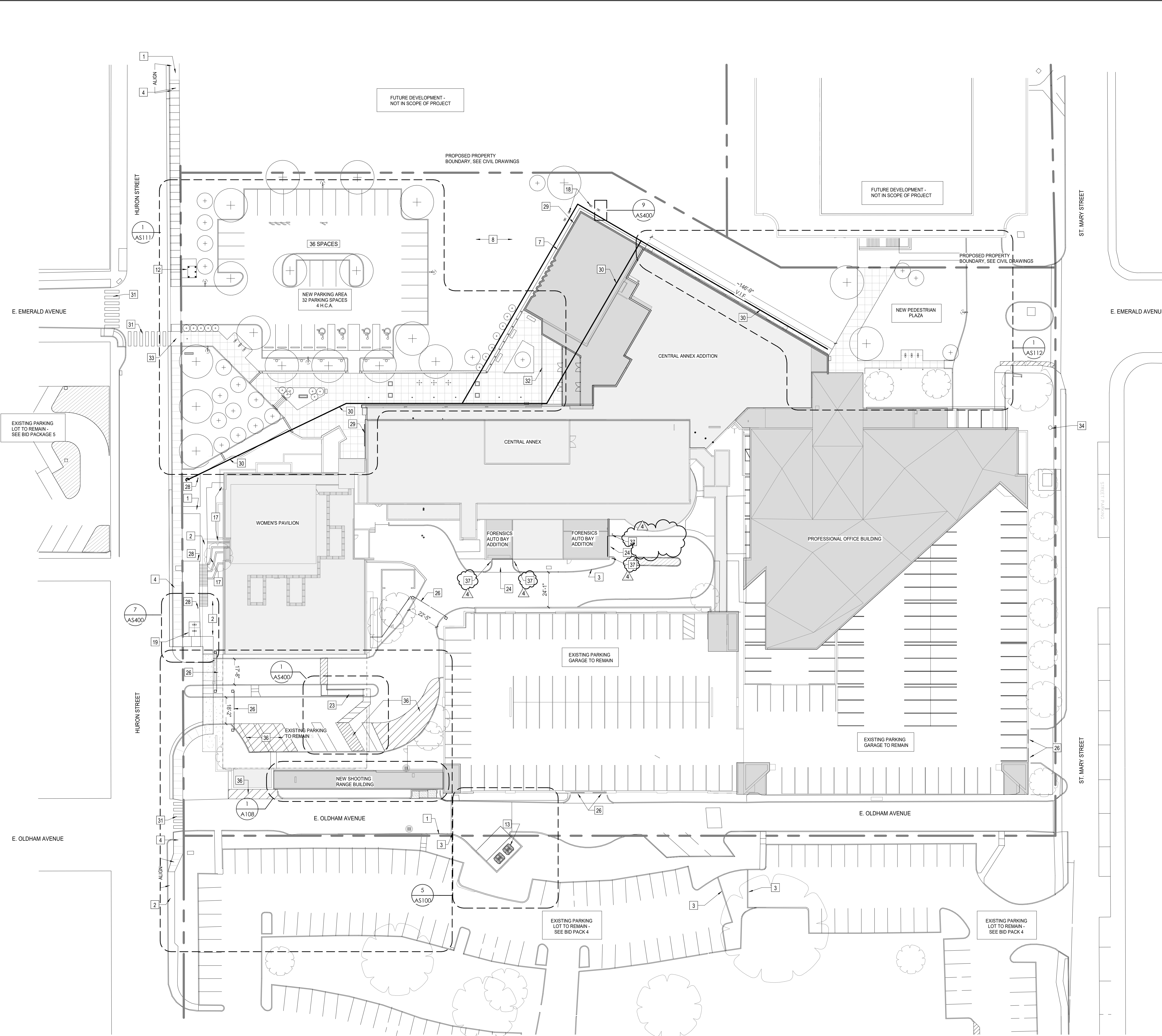
Issue Date:	FEBRUARY 1, 2021
PI:	JOHN THURMAN
PM:	JOHN THURMAN
PA:	LAUREN BUSH
Drawn By:	CW
Checked By:	BP

Drawing Info:

AS110

ARCHITECTURAL SITE PLAN

ARCHITECTURAL SITE PLAN LEGEND	
	PROPERTY BOUNDARY
	ADA PARKING
	NEW PLANTING, SEE LANDSCAPING PLANS
	NEW H.C. PARKING SIGNAGE
	EXISTING BUILDING
	NEW BUILDING
	NEW CONC. SIDEWALK WITH CONTROL JOINTS, MIN. 5'-0" O.C.
	NEW LIGHT POLE
	NEW SITE LIGHTING FIXTURE
	NEW BIKE RACK
	SITE FURNISHINGS
KEYNOTES - SITE PLAN	
Tag	Text
1	EXISTING CONCRETE SIDEWALK TO REMAIN
2	EXISTING CONCRETE CURB TO REMAIN
3	NEW 6" CONCRETE CURB, TO ALIGN WITH EXISTING. SEE CIVIL FOR INFO.
4	NEW CONCRETE SIDEWALK, BROOM FINISH TO MATCH ADJACENT EXISTING SIDEWALK. PROVIDE CONTROL JOINTS SPACED MIN. 5'-0".
5	NEW PREFABRICATED STEEL IMPACT RATED BOLLARD - SEE DETAIL 12/AS400
6	NEW 36" X 36" PREMANUFACTURED CONCRETE PLANTER. SEE SPECIFICATIONS FOR INFO.
7	NEW 1/2" WIDE RIVER ROCK EDGE BOUNDARY. SEE SPECIFICATIONS FOR INFO.
8	NEW PLANTING, SEE LANDSCAPING PLANS
9	NEW 30'-0" METAL FLAG POLE WITH CONCRETE FOUNDATION
10	NEW CONCRETE MONUMENTAL SIGN. SEE SITE DETAILS FOR INFO. SEE ELECTRICAL FOR LIGHTING CONNECTION REQS.
11	NEW LOCATION OF EXISTING POLICE MEMORIAL, CENTERED IN PLANTED AREA - SEE ELECTRICAL DRAWINGS FOR LIGHTING CONNECTION REQS.
12	NEW TRANSIT SHELTER, CONCRETE SLAB & SHELTER. SEE CIVIL DRAWINGS
13	NEW ENVIROBIN DUMPSTERS, SEE BP-4 CIVIL FOR INFO.
14	NEW CONCRETE STEPS & METAL HANDRAIL. SEE AS400 SITE DETAILS FOR INFO.
15	EXISTING LOWER LEVEL BELOW PLAZA
16	EXISTING PARALLEL PARKING SPACES, TO REMAIN.
17	EXISTING CONCRETE WALL TO REMAIN
18	NEW SITE LIGHTING, SEE ELECTRICAL DRAWINGS FOR INFO.
19	NEW HOOP STEEL BIKE RACK
20	NEW PREMANUFACTURED CONCRETE BENCH.
22	NEW GARBAGE & RECYCLING RECEPTACLE.
23	NEW CONCRETE RAMP ADJACENT TO EXISTING STAIR. SEE AS400 SITE DETAILS. SEE CIVIL FOR REQS.
24	NEW CONCRETE DRIVE
25	SCOPE OF SITE WORK TO STOP AT PROPERTY LINE
26	LOCATION OF NEW OWNER PROVIDED SECURITY BARRIER ARM - PROVIDE ROUGH-IN REQUIREMENTS
27	NEW TRENCH DRAIN, SEE CIVIL DRAWINGS FOR INFO
28	NEW LIGHTING BOLLARD, SEE ELECTRICAL DRAWINGS FOR INFO.
29	LOCATION OF NEW WALL MOUNTED SIGNAGE ON ELEVATION OF BUILDING.
30	SOLID LINE DENOTES LOCATION OF 4" FOUNDATION DRAIN, TO DRAIN TO EXISTING SANITARY ON HURON ST. SEE CIVIL FOR FLOW DIRECTION & INFO.
31	NEW PEDESTRIAN STRIPING, SEE CIVIL DRAWINGS
32	SOFFIT ABOVE AT NEW BUILDING
33	NEW ADA CURB CUT & RAMP, SEE CIVIL FOR INFO
34	NEW KUB POLE, SEE ELECTRICAL DRAWINGS
35	NEW IN GROUND LIGHT FIXTURE, INSTALLED IN NEW CONCRETE WALK, TYP. AROUND FLAG POLES. SEE ELECTRICAL DRAWINGS FOR REQS.
36	NEW SITE STRIPING WITH "NO PARKING" DESIGNATION
37	NEW IMPACT RESISTANT STEEL BOLLARD, GENERAL LOCATION SHOWN, COORDINATE LOCATION IN FIELD. REFER TO DETAIL 13/AS400.



1 SITE PLAN
1" = 30'-0"



Project Information:

19018

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Seal:



Consultant:

Architects Design Group

#	ISSUE	DATE
2	ADD #02.1	02/17/21
4	ADD #04.1	03/03/21

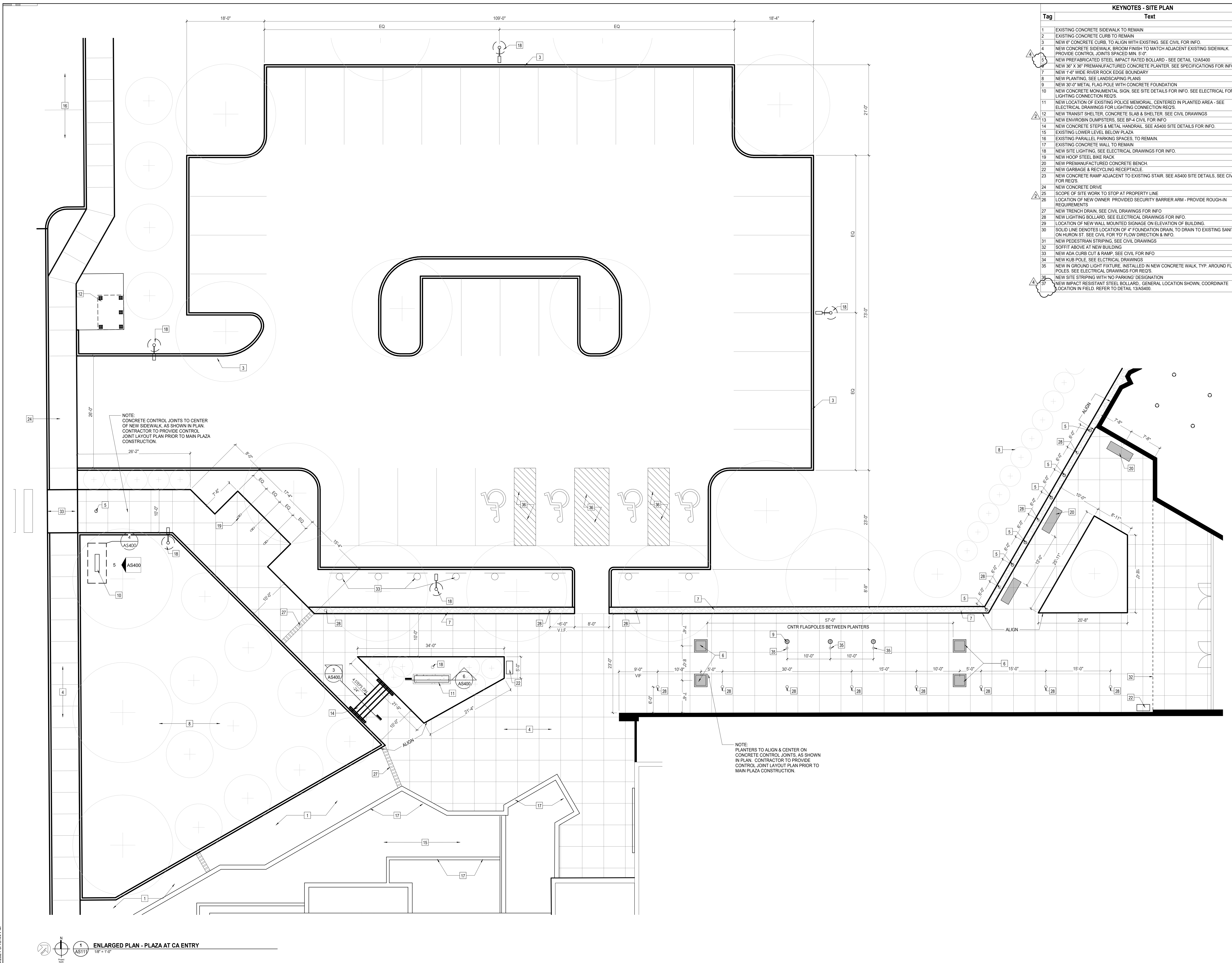
Issue Date:	FEBRUARY 1, 2021
PIC:	JOHN THURMAN
PM:	JOHN THURMAN
PA:	LAUREN BUSH
Drawn By:	CW
Checked By:	BP

Drawing Info:

AS111

ENLARGED PARTIAL SITE PLAN - ENTRY PLAZA

Tag	Text
1	EXISTING CONCRETE SIDEWALK TO REMAIN
2	EXISTING CONCRETE CURB TO REMAIN
3	NEW 6" CONCRETE CURB, TO ALIGN WITH EXISTING. SEE CIVIL FOR INFO.
4	NEW CONCRETE SIDEWALK, BROOM FINISH TO MATCH ADJACENT EXISTING SIDEWALK. PROVIDE CONTROL JOINTS SPACED MIN. 5'-0"
5	NEW PREFABRICATED STEEL IMPACT RATED BOLLARD - SEE DETAIL 12/AS400
6	NEW 36" X 30" PREFABRICATED CONCRETE PLANTER. SEE SPECIFICATIONS FOR INFO.
7	NEW 1'-6" WIDE RIVER ROCK EDGE BOUNDARY
8	NEW PLANTING. SEE LANDSCAPING PLANS
9	NEW 30'-0" METAL FLAG POLE WITH CONCRETE FOUNDATION
10	NEW CONCRETE MONUMENTAL SIGN. SEE SITE DETAILS FOR INFO. SEE ELECTRICAL FOR LIGHTING CONNECTION REQ'S
11	NEW LOCATION OF EXISTING POLICE MEMORIAL, CENTERED IN PLANTED AREA - SEE ELECTRICAL DRAWINGS FOR LIGHTING CONNECTION REQ'S
12	NEW TRANSIT SHELTER, CONCRETE SLAB & SHELTER. SEE CIVIL DRAWINGS
13	NEW ENVIROBIN DUMPSTERS, SEE SP-4 CIVIL FOR INFO
14	NEW CONCRETE STEPS & METAL HANDRAIL. SEE AS400 SITE DETAILS FOR INFO.
15	EXISTING LOWER LEVEL BELOW PLAZA
16	EXISTING PARALLEL PARKING SPACES, TO REMAIN
17	EXISTING CONCRETE WALL, TO REMAIN
18	NEW SITE LIGHTING. SEE ELECTRICAL DRAWINGS FOR INFO.
19	NEW HOOP STEEL BIKE RACK
20	NEW PREFABRICATED CONCRETE BENCH
22	NEW GARBAGE & RECYCLING RECEPTACLE
23	NEW CONCRETE RAMP ADJACENT TO EXISTING STAIR. SEE AS400 SITE DETAILS. SEE CIVIL FOR REQ'S
24	NEW CONCRETE DRIVE
25	SCOPE OF SITE WORK TO STOP AT PROPERTY LINE
26	LOCATION OF NEW OWNER PROVIDED SECURITY BARRIER ARM - PROVIDE ROUGH-IN REQUIREMENTS
27	NEW TRENCH DRAIN. SEE CIVIL DRAWINGS FOR INFO
28	NEW LIGHTING BOLLARD. SEE ELECTRICAL DRAWINGS FOR INFO.
29	LOCATION OF NEW WALL MOUNTED SIGNAGE ON ELEVATION OF BUILDING.
30	SOLID LINE DENOTES LOCATION OF 4" FOUNDATION DRAIN, TO DRAIN TO EXISTING SANITARY ON HURON ST. SEE CIVIL FOR FLOW DIRECTION & INFO.
31	NEW PEDESTRIAN STRIPING. SEE CIVIL DRAWINGS
32	SOFFIT ABOVE AT NEW BUILDING
33	NEW ADA CURB CUT & RAMP. SEE CIVIL FOR INFO
34	NEW KUB POLE. SEE ELECTRICAL DRAWINGS
35	NEW IN GROUND LIGHT FIXTURE, INSTALLED IN NEW CONCRETE WALK, TYP. AROUND FLAG POLES. SEE ELECTRICAL DRAWINGS FOR REQ'S.
36	NEW IMPACT RESISTANT STEEL BOLLARD. GENERAL LOCATION SHOWN, COORDINATE LOCATION IN FIELD. REFER TO DETAIL 13/AS400.
37	NEW SITE STRIPING WITH NO PARKING DESIGNATION





Project Information:

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Architects Design Group

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2	ADD #02.1	02/17/21
4	ADD #04.1	03/03/21

Issue Date: FEBRUARY 1, 2021

PIC JOHN THURMAN

PM JOHN THURMAN

PA LAUREN BUSH

Drawn By: Author

Checked By: BP

Drawing Info:

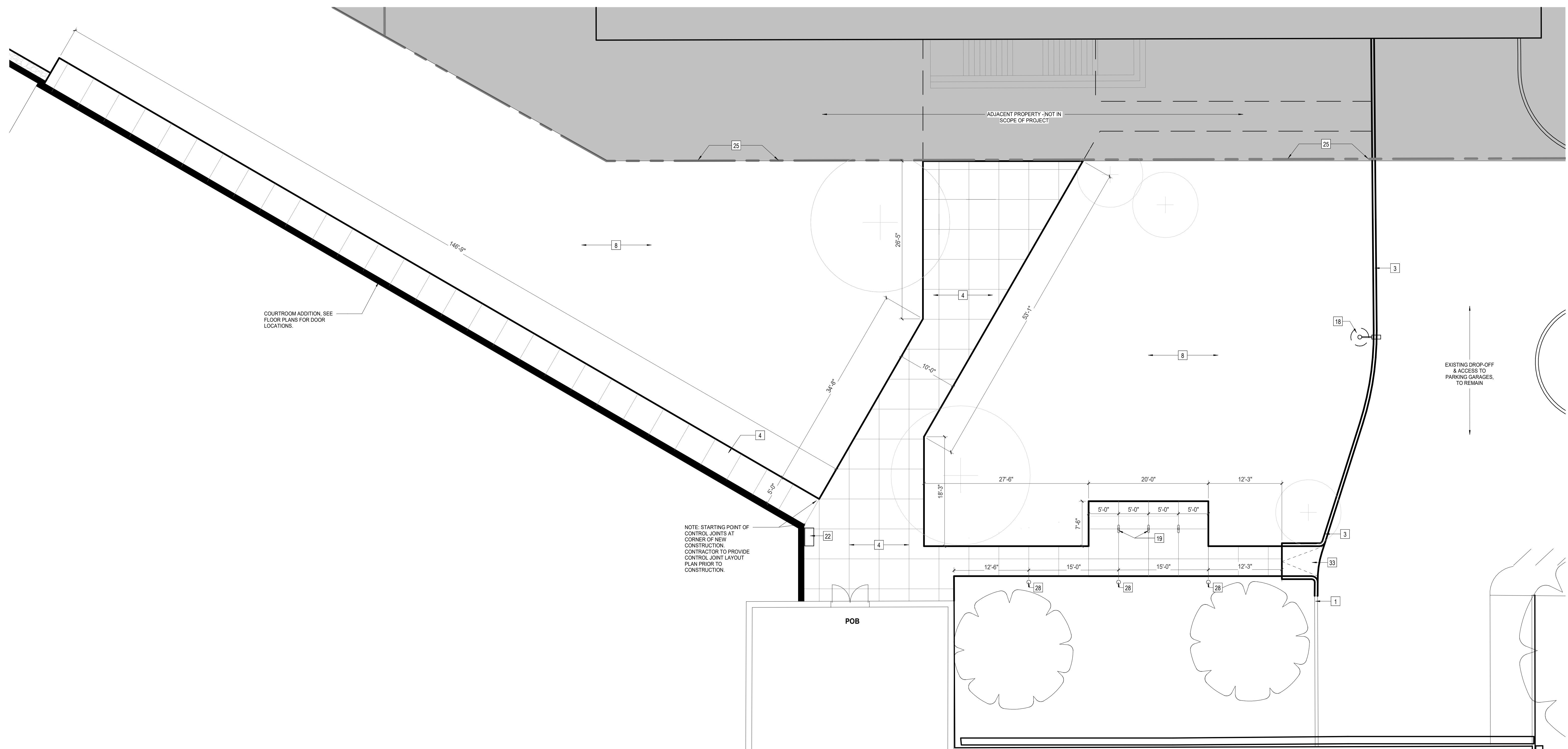
AS112

ENLARGED PARTIAL SITE PLAN - POB PLAZA

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Tag	Text
1	EXISTING CONCRETE SIDEWALK TO REMAIN
2	EXISTING CONCRETE CURB TO REMAIN
3	NEW 6" CONCRETE CURB, TO ALIGN WITH EXISTING. SEE CIVIL FOR INFO.
4	NEW CONCRETE SIDEWALK, BROOM FINISH TO MATCH ADJACENT EXISTING SIDEWALK. PROVIDE CONTROL JOINTS SPACED MIN. 5'-0".
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9	NEW 30'-0" METAL FLAG POLE WITH CONCRETE FOUNDATION
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12	NEW TRANSIT SHELTER, CONCRETE SLAB & SHELTER. SEE CIVIL DRAWINGS
13	NEW ENVIROBIN DUMPSTERS. SEE BP-4 CIVIL FOR INFO
14	NEW CONCRETE STEPS & METAL HANDRAIL. SEE AS400 SITE DETAILS FOR INFO.
15	EXISTING LOWER LEVEL BELOW PLAZA
16	EXISTING PARALLEL PARKING SPACES, TO REMAIN.
17	EXISTING CONCRETE WALL TO REMAIN
18	NEW SITE LIGHTING. SEE ELECTRICAL DRAWINGS FOR INFO.
19	NEW HOOP STEEL BIKE RACK
20	NEW PREMANUFACTURED CONCRETE BENCH.
22	NEW GARBAGE & RECYCLING RECEPTACLE
23	NEW CONCRETE RAMP ADJACENT TO EXISTING STAIR. SEE AS400 SITE DETAILS, SEE CIVIL FOR REQ'S.
24	NEW CONCRETE DRIVE
25	SCOPE OF SITE WORK TO STOP AT PROPERTY LINE
26	LOCATION OF NEW OWNER PROVIDED SECURITY BARRIER ARM - PROVIDE ROUGH-IN REQUIREMENTS
27	NEW TRENCH DRAIN. SEE CIVIL DRAWINGS FOR INFO
28	NEW LIGHTING BOLLARD. SEE ELECTRICAL DRAWINGS FOR INFO.
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31	NEW PEDESTRIAN STRIPING. SEE CIVIL DRAWINGS
32	SOFFIT ABOVE AT NEW BUILDING
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35	NEW IN GROUND LIGHT FIXTURE, INSTALLED IN NEW CONCRETE WALK, TYP. AROUND FLAG POLES. SEE ELECTRICAL DRAWINGS FOR REQ'S.
36	NEW SITE STRIPING WITH NO PARKING DESIGNATION
37	NEW IMPACT RESISTANT STEEL BOLLARD. GENERAL LOCATION SHOWN. COORDINATE LOCATION IN FIELD. REFER TO DETAIL 13/AS400.

ARCHITECTURAL SITE PLAN LEGEND	
---	PROPERTY BOUNDARY
♿	ADA PARKING
+	NEW PLANTING. SEE LANDSCAPING PLANS
⌂	NEW H.C. PARKING SIGNAGE
▭	EXISTING BUILDING
▭	NEW BUILDING
▭	NEW CONC. SIDEWALK WITH CONTROL JOINTS, MIN. 5'-0" O.C.
⊙	NEW LIGHT POLE
⊙	NEW SITE LIGHTING FIXTURE
⊙	NEW BIKE RACK
▭	SITE FURNISHINGS



1 ENLARGED PLAN - PLAZA AT POB ENTRY
AS112 1/8" = 1'-0"



Project Information:

19018

COK PUBLIC SAFETY COMPLEX

900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:
Architects Design Group

#	ISSUE	DATE
4	ADD #M.1	03/03/21

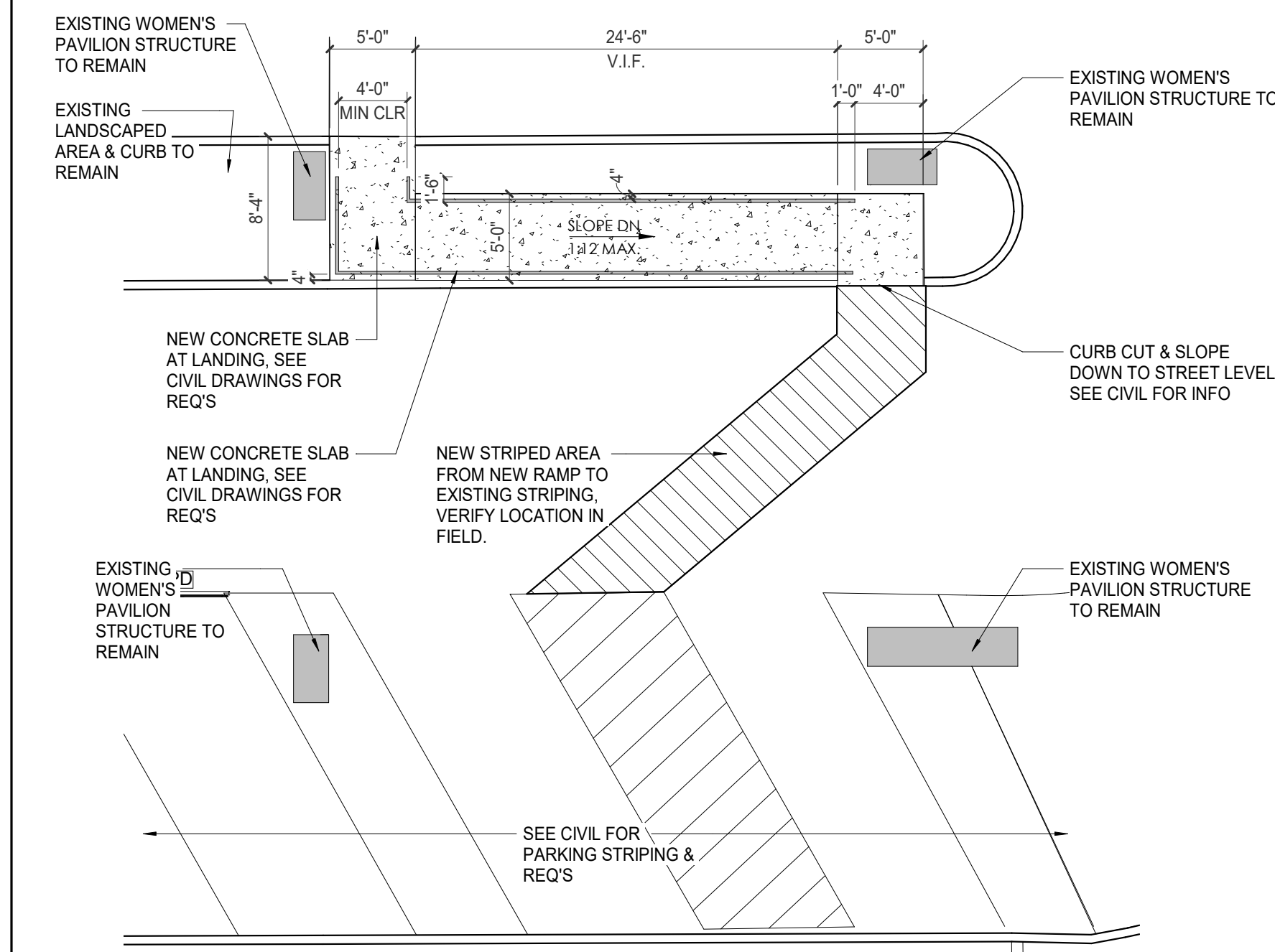
Issue Date: FEBRUARY 1, 2021
PIC: JOHN THURMAN
PM: JOHN THURMAN
PA: LAUREN BUSH
Drawn By: Author
Checked By: BP

Drawing Info:

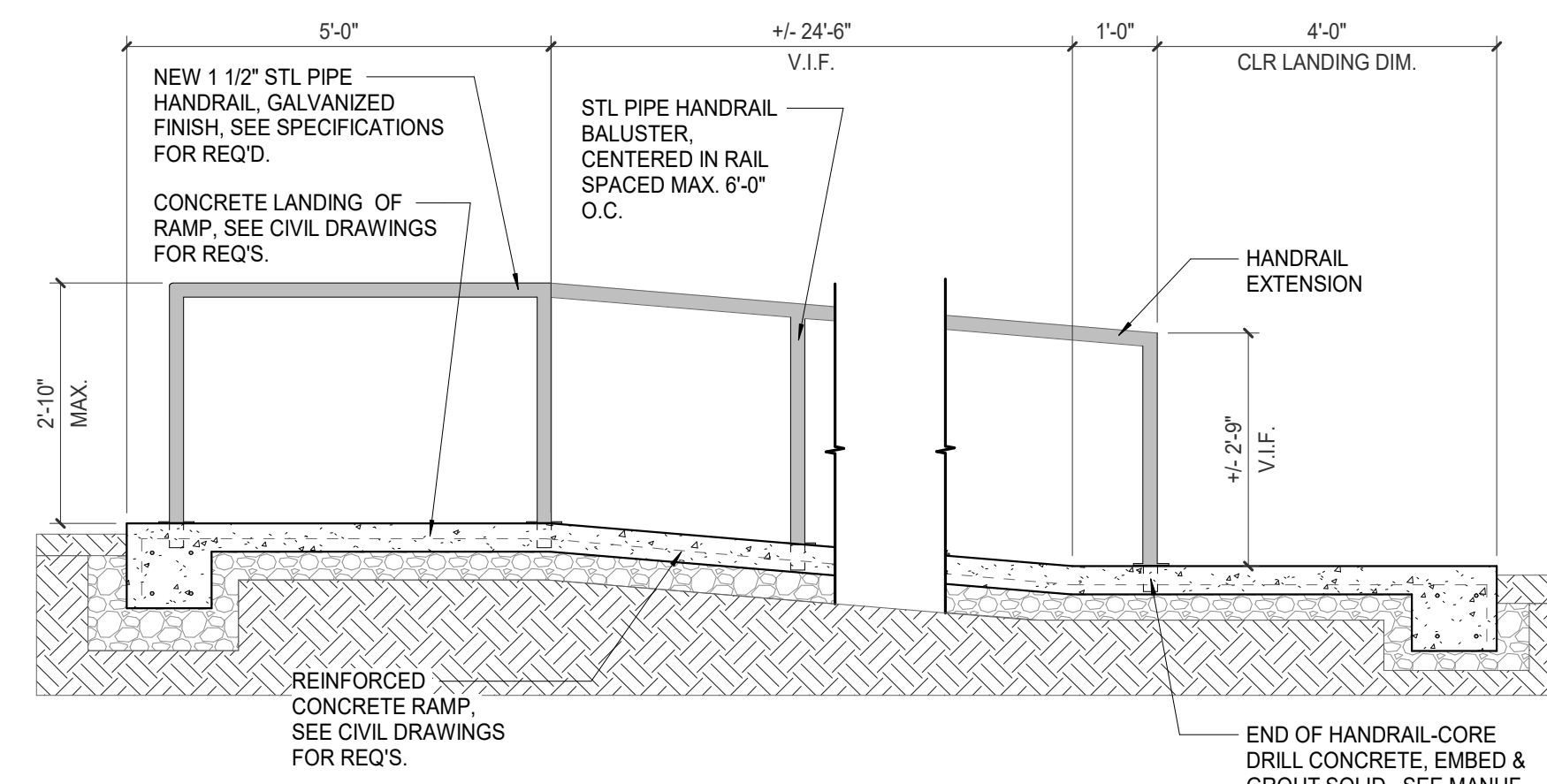
AS400

ARCHITECTURAL SITE DETAILS

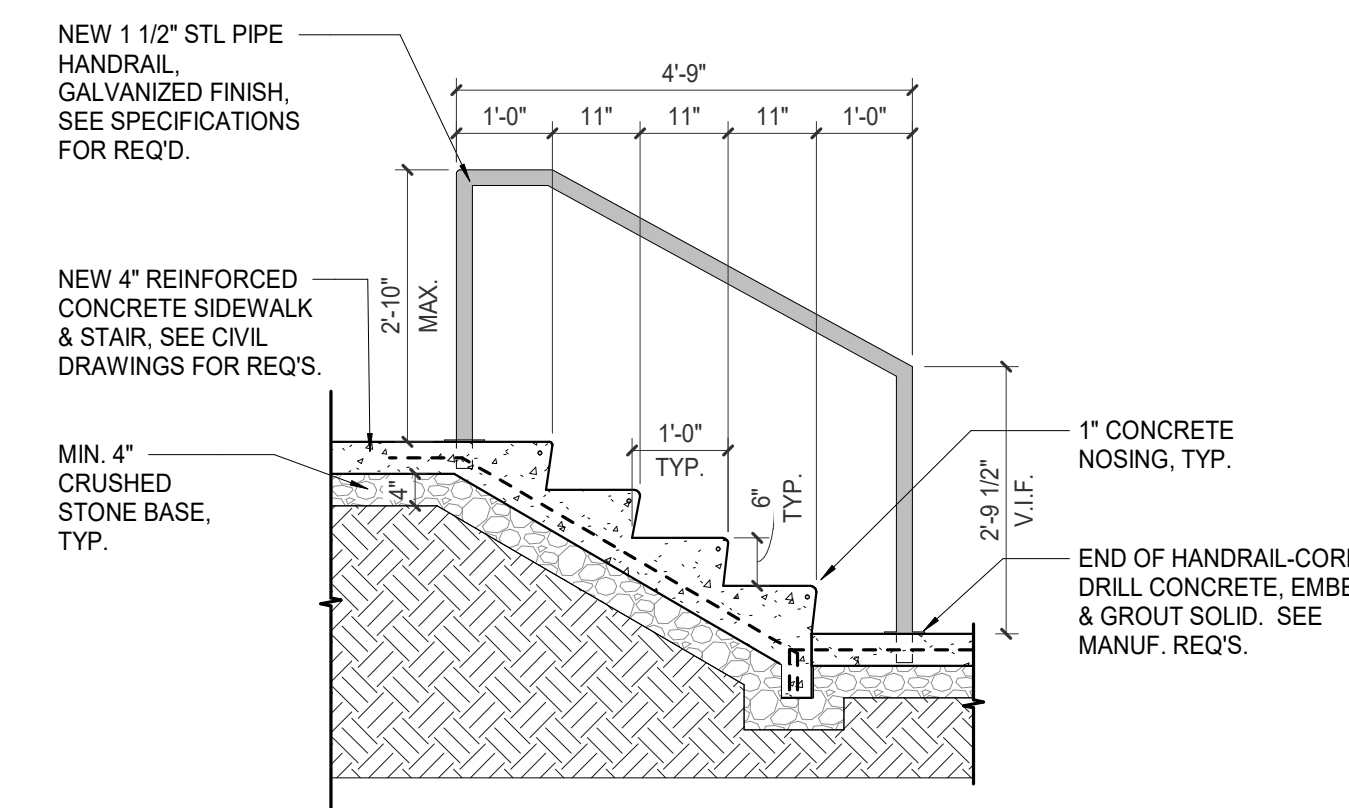
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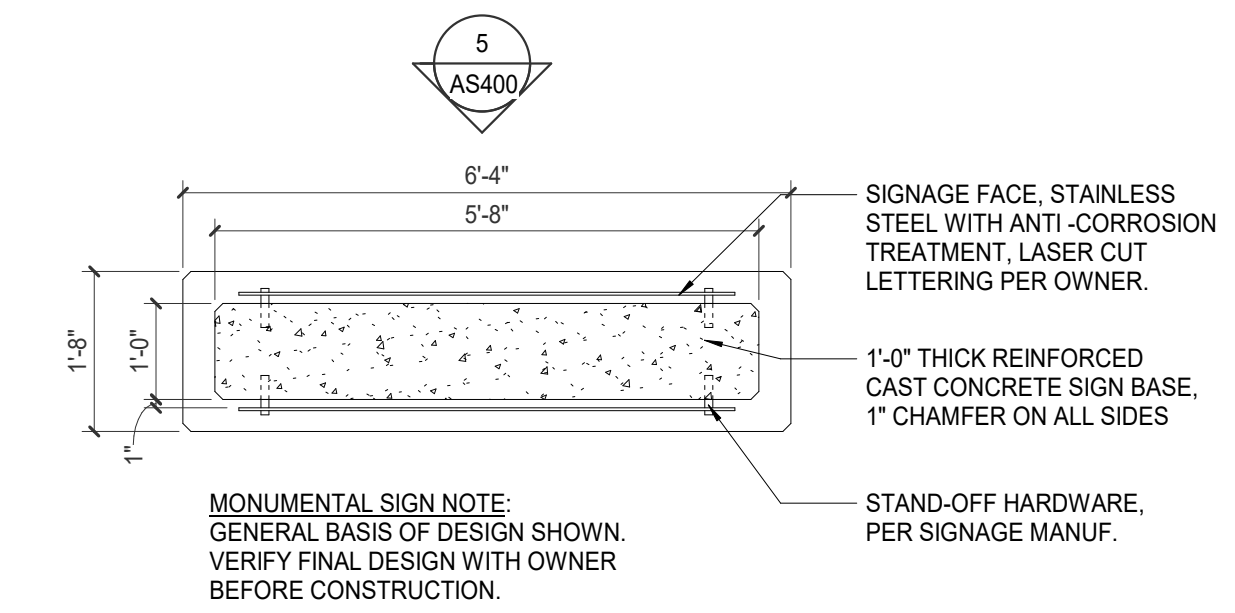
1 ENLARGED PLAN - RAMP AT WOMEN'S PAVILION
1/8" = 1'-0"



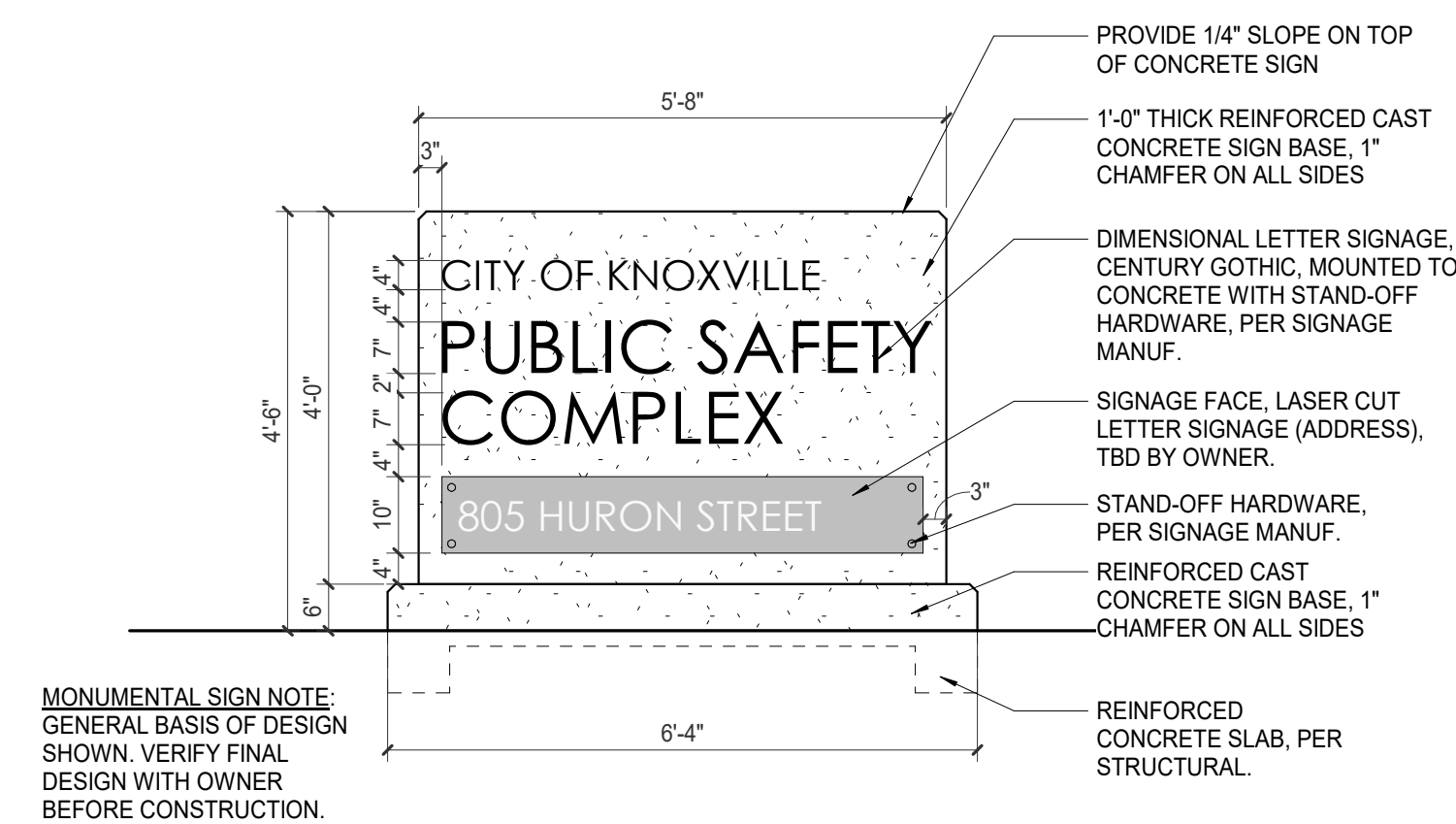
2 SITE RAMP SECTION
1/2" = 1'-0"



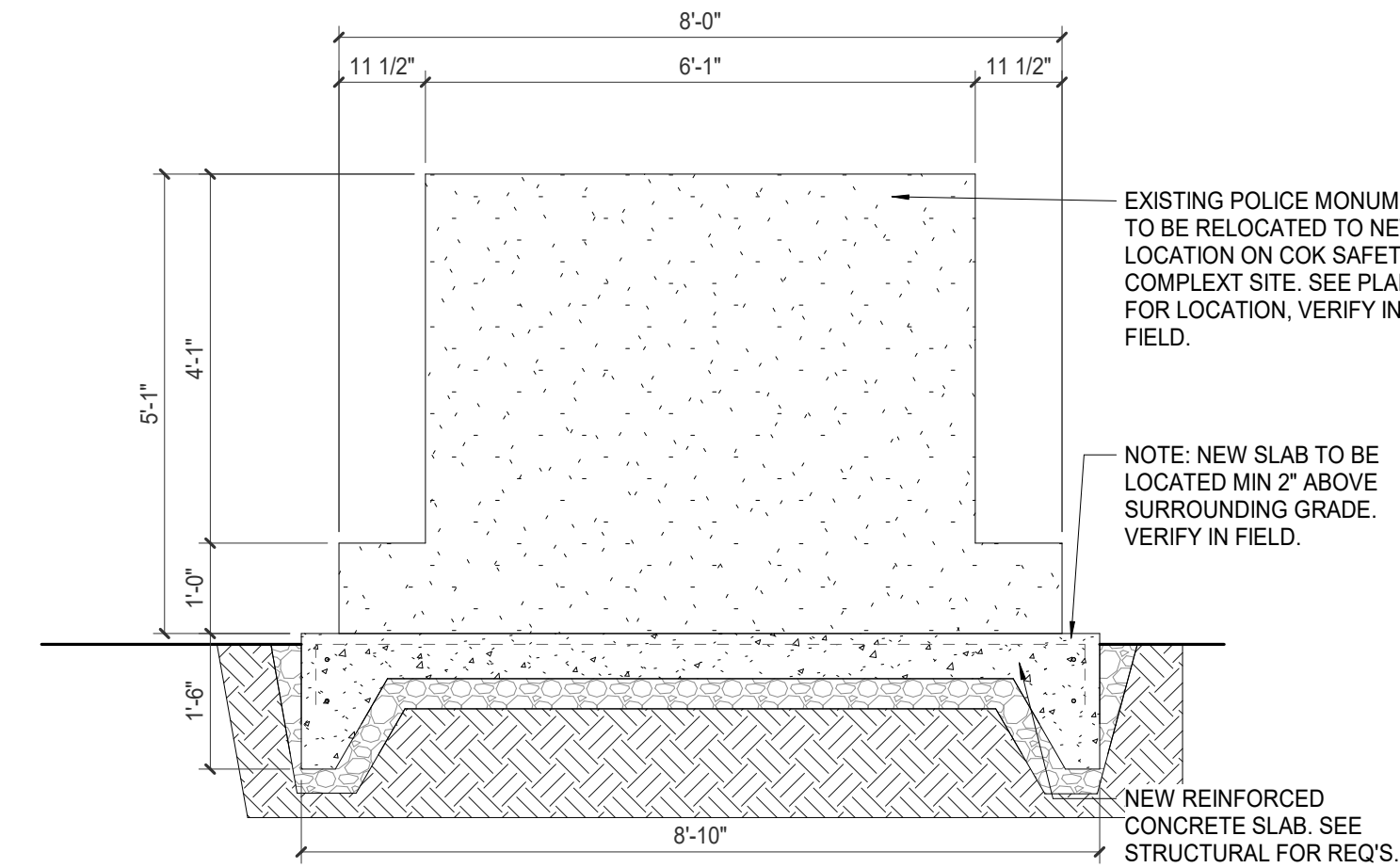
3 SITE STAIR SECTION
1/2" = 1'-0"



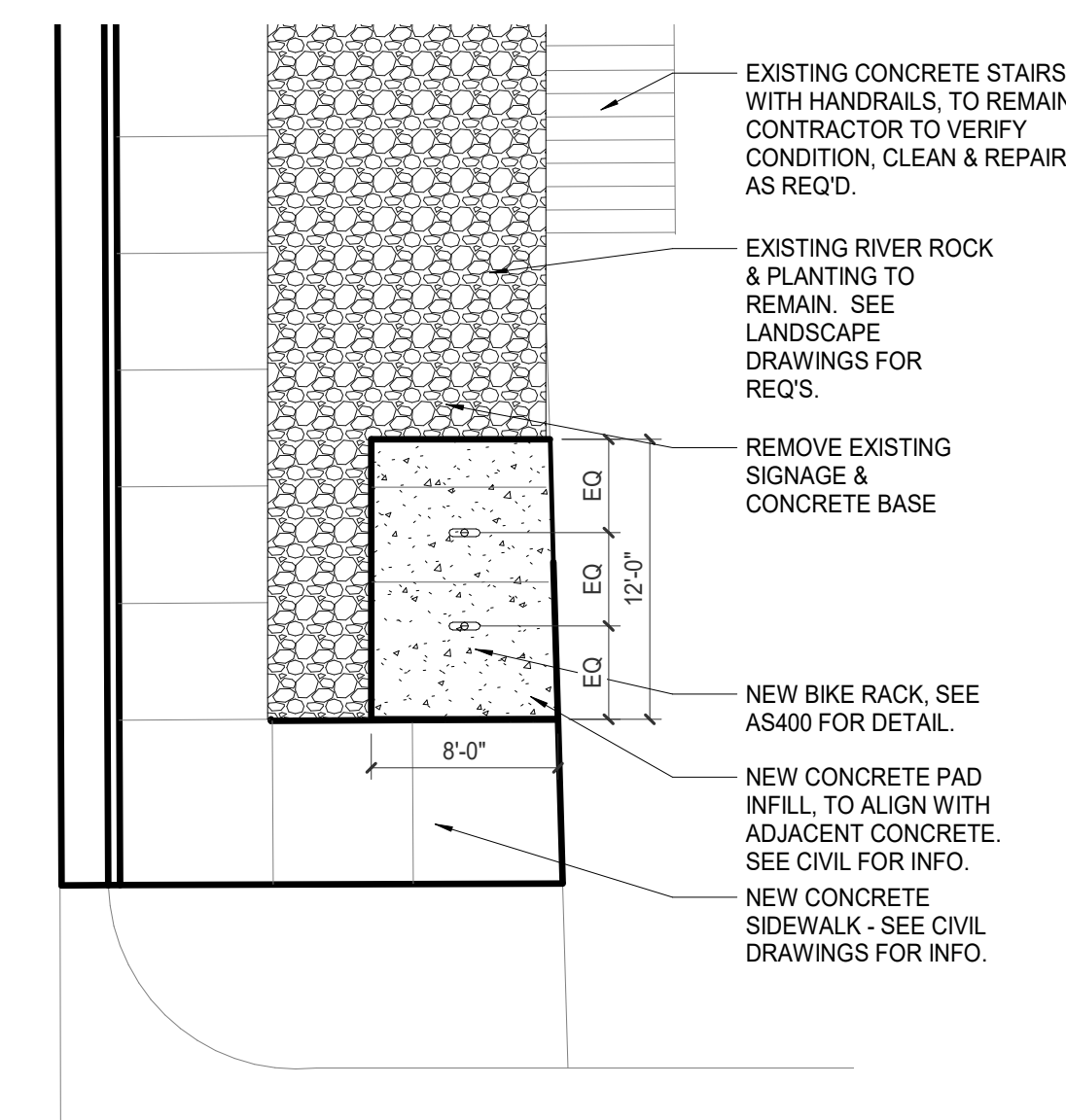
4 MONUMENTAL SIGN PLAN
1/2" = 1'-0"



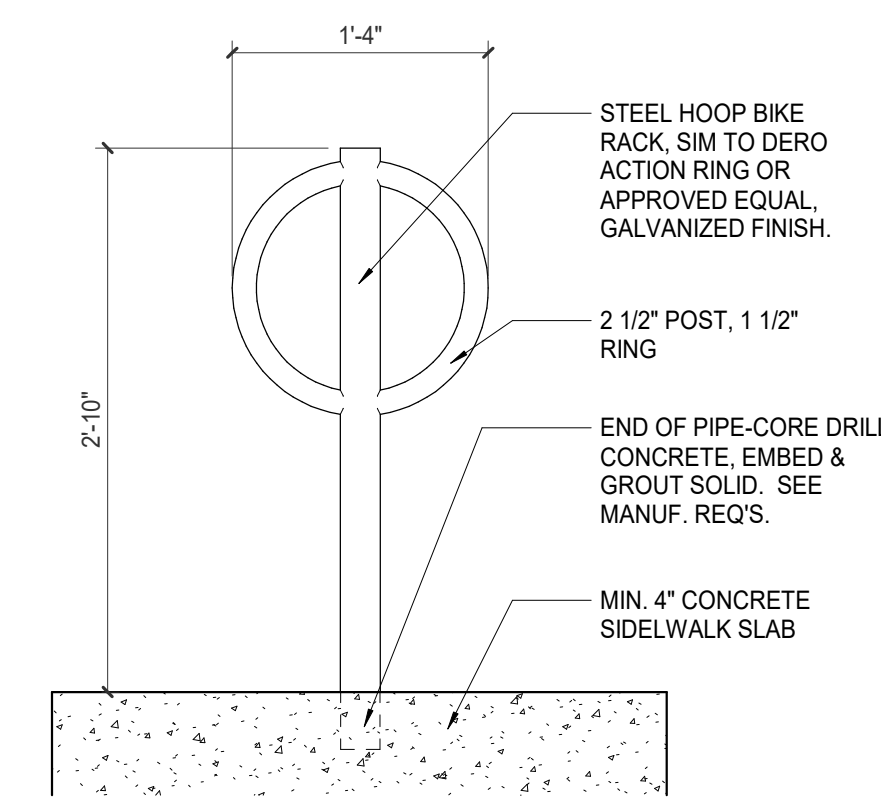
5 MONUMENTAL SIGN ELEVATION
1/2" = 1'-0"



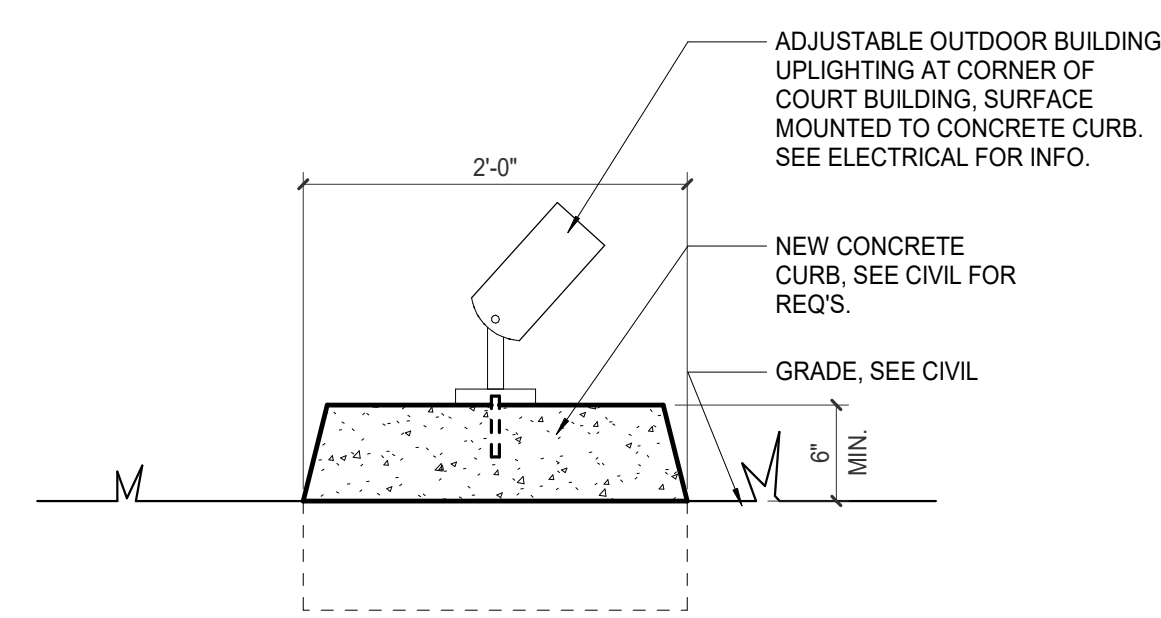
6 POLICE MONUMENT SECTION
1/2" = 1'-0"



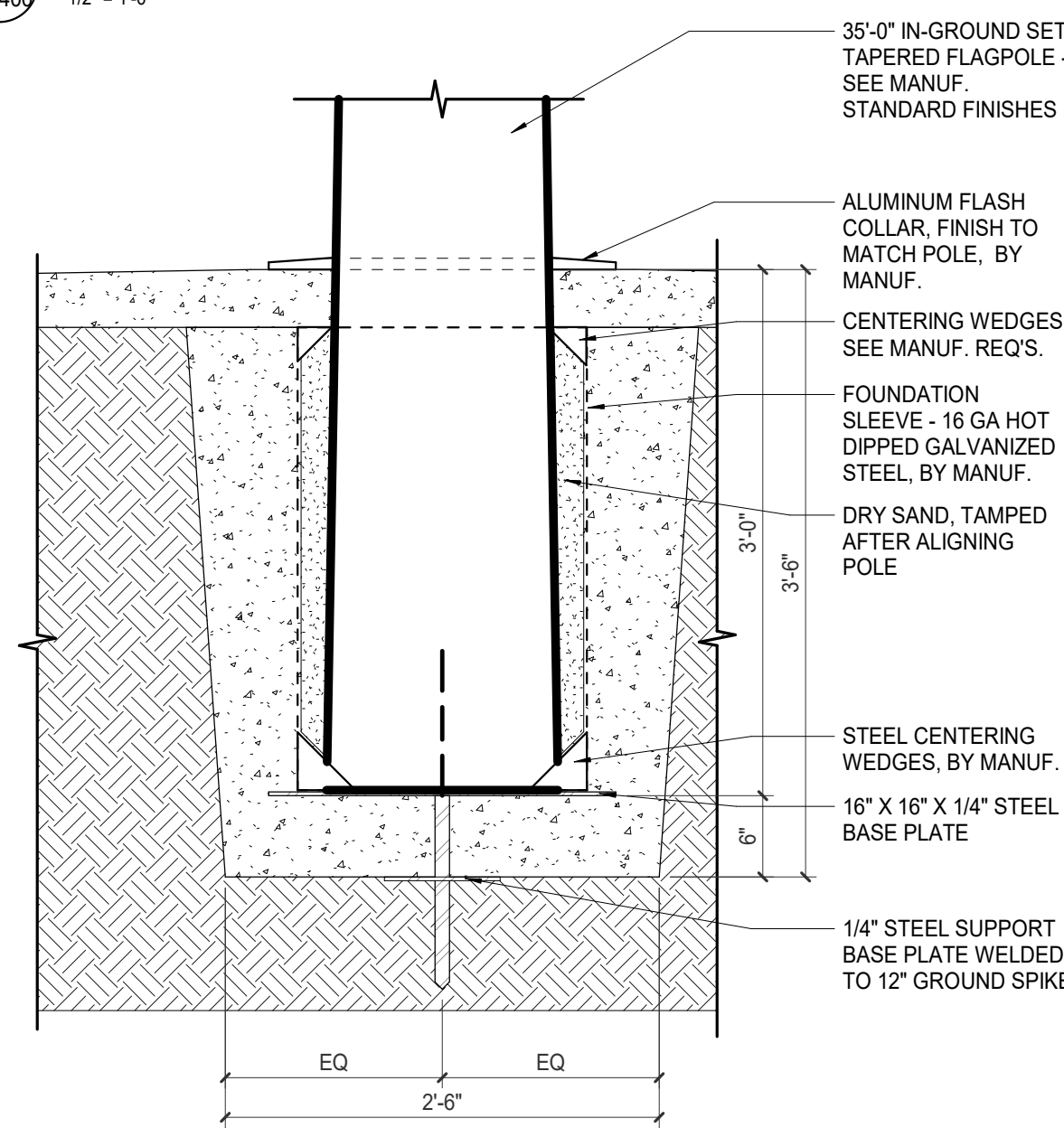
7 ENLARGED PLAN - BIKE PARKING AT WP
1/8" = 1'-0"



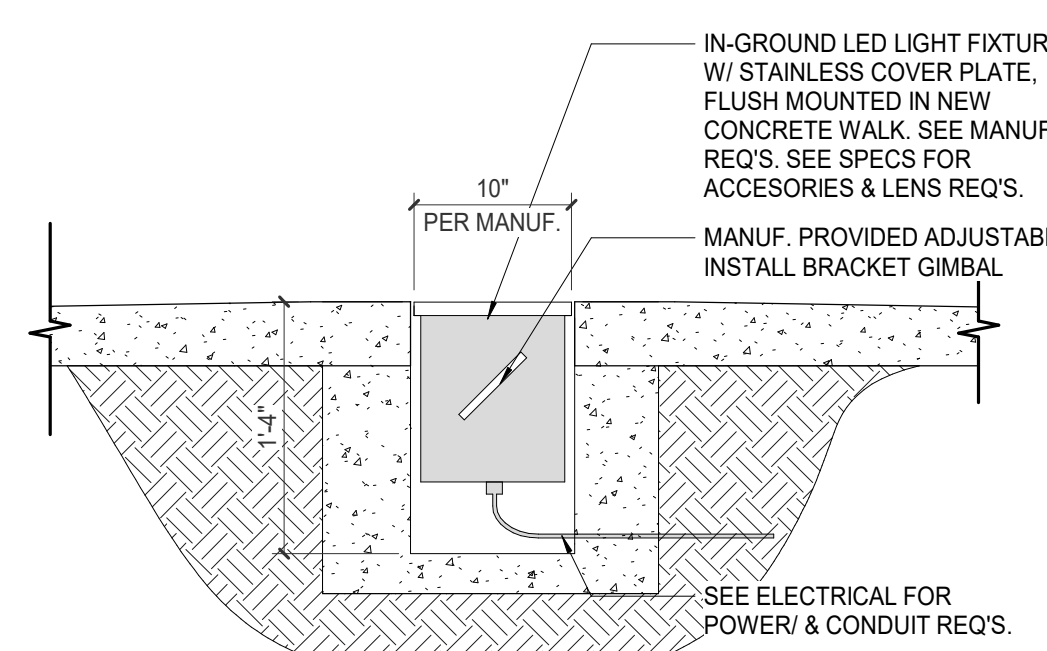
8 BIKE RACK DETAIL
1" = 1'-0"



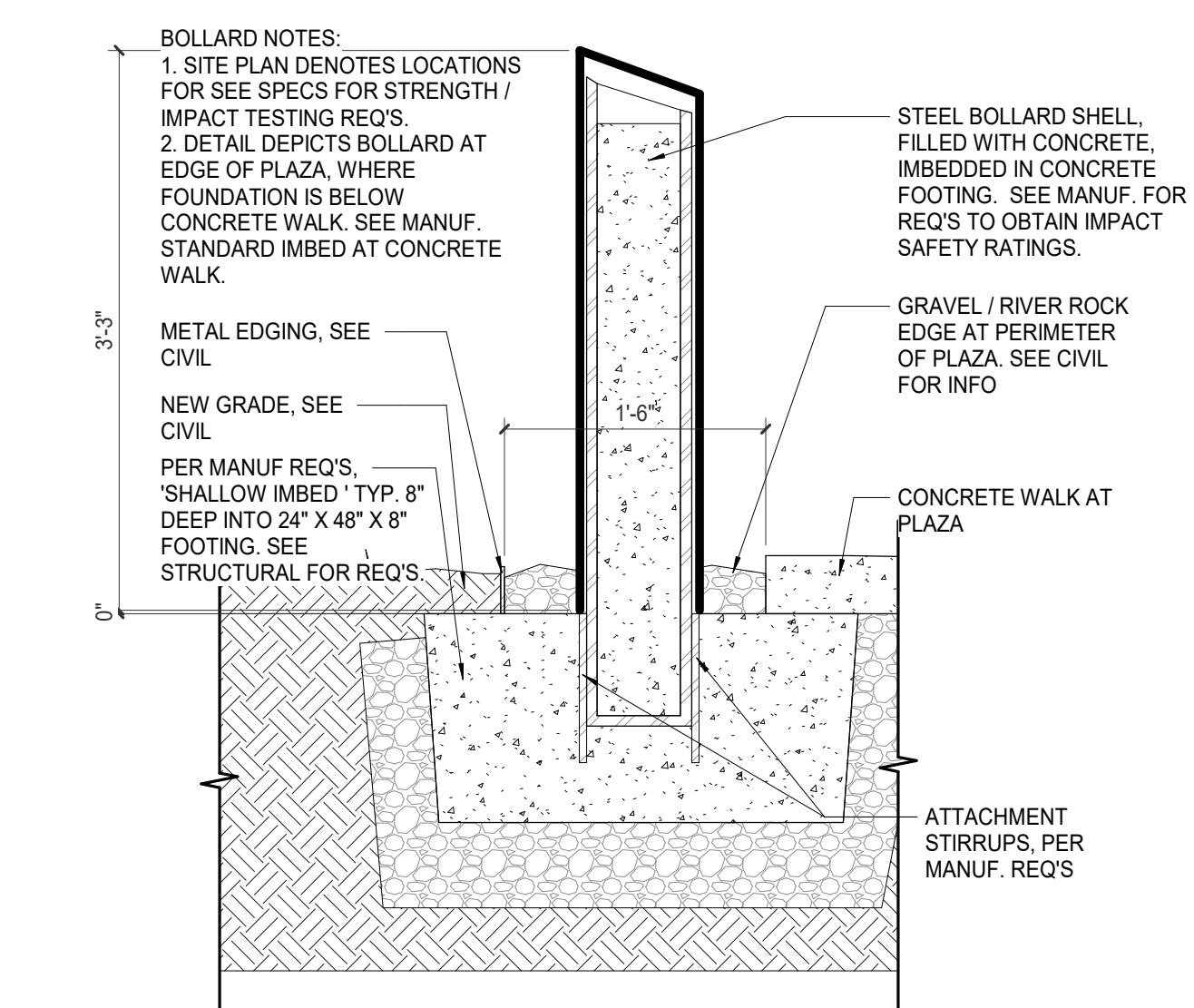
9 SITE LIGHTING CURB DETAIL
1" = 1'-0"



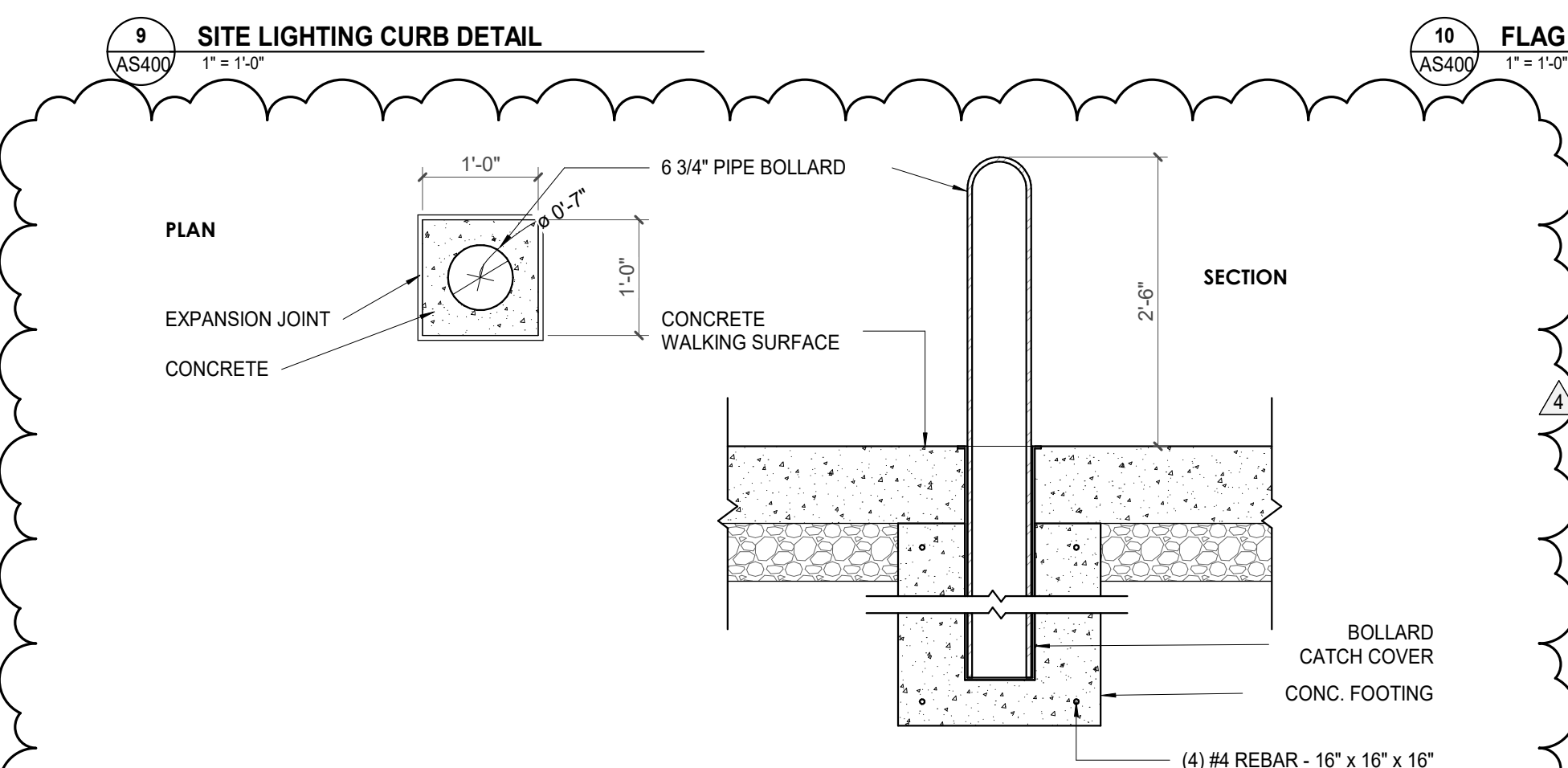
10 FLAG POLE INSTALL DETAIL
1" = 1'-0"



11 PLAZA IN-GROUND FIXTURE DETAIL
1" = 1'-0"



12 PLAZA EDGE BOLLARD DETAIL
1" = 1'-0"



13 PIPE BOLLARD DETAIL
3/4" = 1'-0"



Project Information:

19018

COK SAFETY BUILDING

900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:

Architects Design Group

#	ISSUE	DATE
4	ADD #M.1	03/03/21

Issue Date: FEBRUARY 1, 2021

PIC DAVID COLLINS

PM JOHN THURMAN

PA LAUREN BUSH /

Drawn By: Author

Checked By: BP

Drawing Info:

LS120.2

PARKING LEVEL P1 C
LIFE SAFETY

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LIFE SAFETY & EGRESS LEGEND:

- NEW 1HR. WALL
- NEW 2HR. WALL
- SPACE ENCLOSED BY 1 HR. RATED CONSTRUCTION
- SPACE ENCLOSED BY 2 HR. RATED CONSTRUCTION
- 1HR FIRE BARRIER/OCCUPANCY SEPARATION
- 1HR FIRE BARRIER/OCCUPANCY SEPARATION
- FIRE EXTINGUISHER (10 lb. ABC TYPE EXTINGUISHER)
- FIRE EXTINGUISHER CABINET (10 lb. ABC TYPE EXTINGUISHER)
- ROOM NUMBER
- ROOM NAME
- OCCUPANCY COUNT
- OCCUPANCY FACTOR (SF PER OCCUPANT)
- ROOM SQUARE FOOTAGE
- OCCUPANCY CLASSIFICATION
- STAIR WIDTH
- STAIR NO.
- OCCUPANCY COUNT
- STAIR CAPACITY
- OCCUPANCY WIDTH FACTOR
- START POINT OF TRAVEL PATH CALCULATION
- TOTAL TRAVEL DISTANCE TO EXIT
- END OF TRAVEL DISTANCE CALCULATION
- NUMBER OF OCCUPANTS AT A GIVEN POINT ALONG TRAVEL PATH; TRAVEL DIRECTION
- # OCCUPANTS THROUGH DOOR
- END OF TRAVEL PATH DISTANCE DOOR EXITING CAPACITY
- EXIT SIGN. SHADED QUADRANTS INDICATE NUMBER OF FACES; PROVIDE DIRECTIONAL ARROWS AS SHOWN.
- AREA OF REFUGE LOCATION. QUANTITY OF SYMBOLS DENOTES OCCUPANTS ACCOMMODATED

LIFE SAFETY COLOR FILL LEGEND:

- CIRCULATION
- STAIR
- S-2

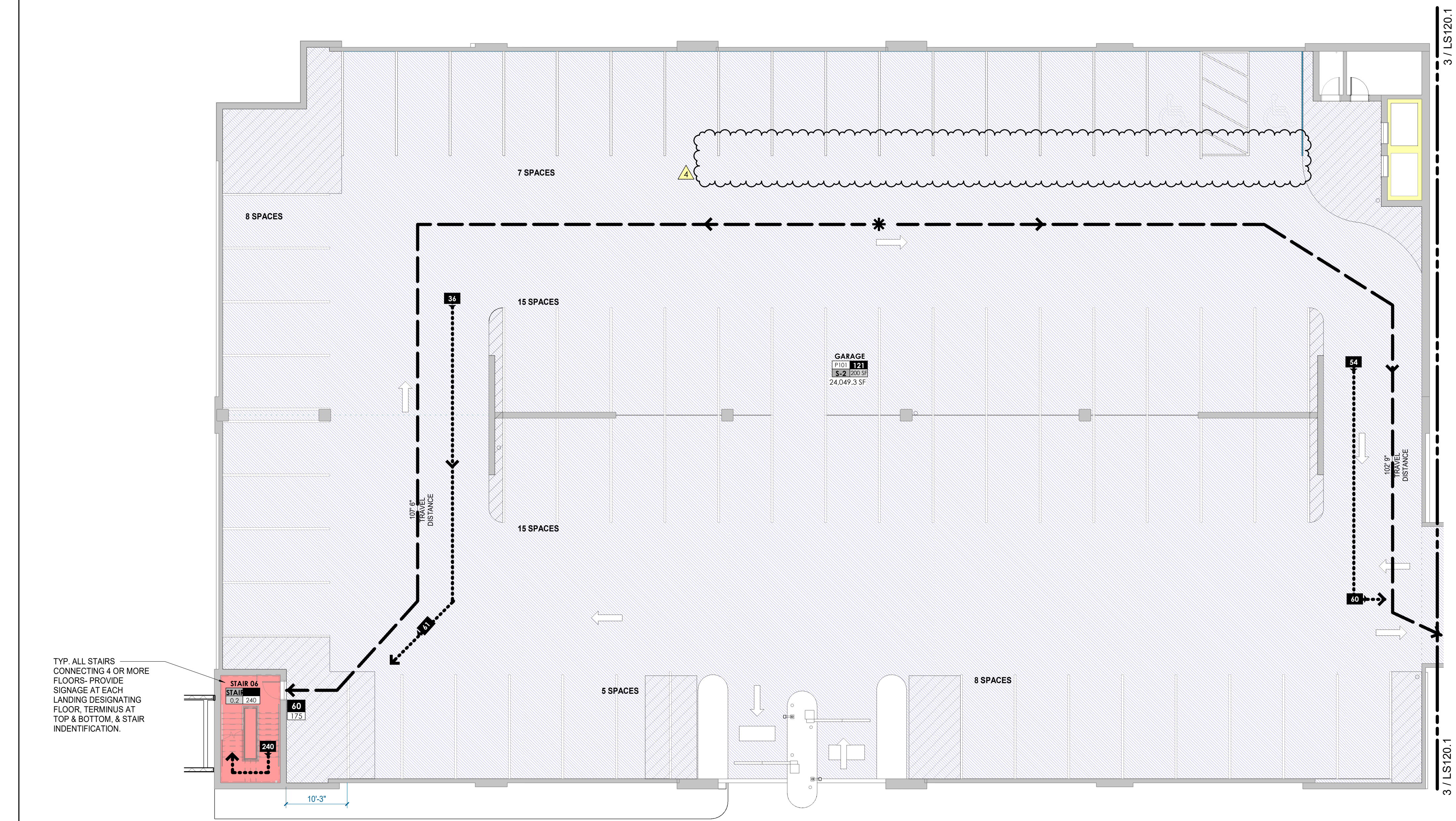
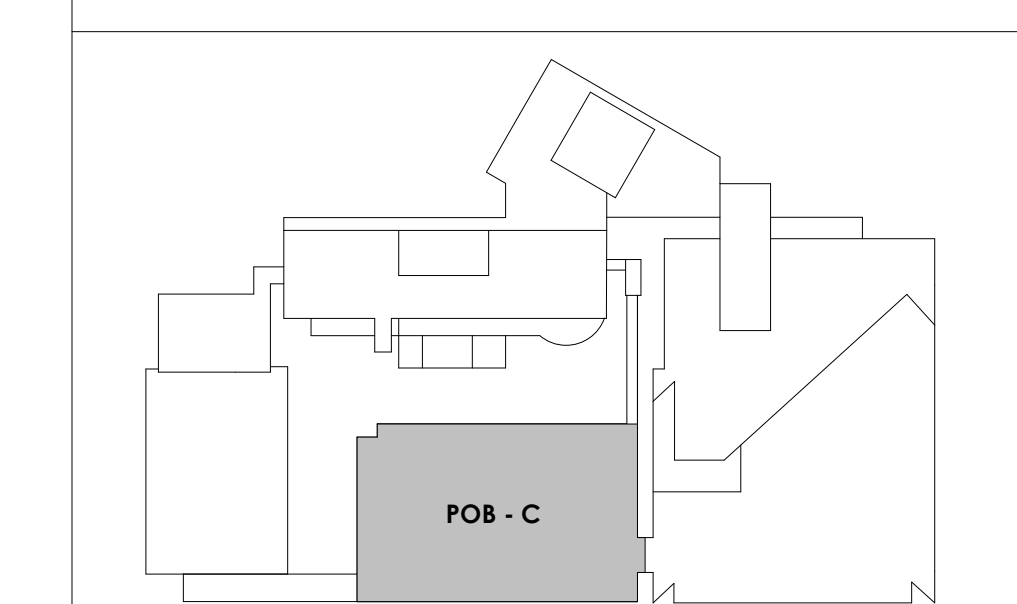
EGRESS NOTES:

- EGRESS DOOR CAPACITY CALCULATED USING DIVISOR OF 0.20, PER TABLE 1005.3.2, IBC 2018.
- STAIR WIDTH CAPACITY CALCULATED USING DIVISOR OF 0.3, PER TABLE 1005.3.1, IBC 2018.
- SEE DOOR SCHEDULE FOR RATED DOORS & PANIC HARDWARE LOCATIONS.
- REFER TO M.E.P. DRAWINGS/SPECIFICATIONS FOR ADDITIONAL LIFE SAFETY EQUIPMENT INFORMATION.

Count	Type	Level
60	9' x 18' - 90 deg	POB PARKING LEVEL P1
51	9' x 18' - 90 deg	POB PARKING LEVEL P1
111		
2	9' x 18' (8' Aisle)	POB PARKING LEVEL P2
82	9' x 18' - 90 deg	POB PARKING LEVEL P2
49	9' x 18' - 90 deg	POB PARKING LEVEL P2
1	12' x 18' (8' Aisle)	POB PARKING LEVEL P2
134		
1	9' x 18' (8' Aisle)	POB PARKING LEVEL P3
67	9' x 18' - 90 deg	POB PARKING LEVEL P3
36	9' x 18' - 90 deg	POB PARKING LEVEL P3
104		
3	9' x 18' (8' Aisle)	POB PARKING LEVEL P4
75	9' x 18' - 90 deg	POB PARKING LEVEL P4
40	9' x 18' - 90 deg	POB PARKING LEVEL P4
118		
467		

PARKING LEVEL 1_Room Occupancy Schedule 2018 IBC				
OCCUPANCY CODE	OCCUPANCY FACTOR	AREA (SF)	OCCUPANCY LOAD	COMMENTS
POB PARKING LEVEL P1				
CIRCULATION	150 SF	634.9 SF	5	
S-2	200 SF	59,226.1 SF	299	
SM	300 SF	699.1 SF	4	
STAIR	0 SF	950.3 SF	0	
		61,500.4 SF	308	

KEY PLAN



TYP. ALL STAIRS CONNECTING 4 OR MORE FLOORS: PROVIDE SIGNAGE AT EACH LANDING DESIGNATING FLOOR, TERMINUS AT TOP & BOTTOM, & STAIR IDENTIFICATION.

1 POB - PARKING LEVEL P1 C
LS120.2 3/32" = 1'-0"

3/30/2021 5:40:34 PM



Project Information:

19018

COK SAFETY BUILDING

900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:

Architects Design Group

#	ISSUE	DATE
3	ADD #03.1	02/24/21
4	ADD #04.1	03/03/21

Issue Date: FEBRUARY 1, 2021
 PIC: DAVID COLLINS
 PM: JOHN THURMAN
 PA: LAUREN BUSH /
 Drawn By: M LABBE
 Checked By: B. PIERCY

Drawing Info:

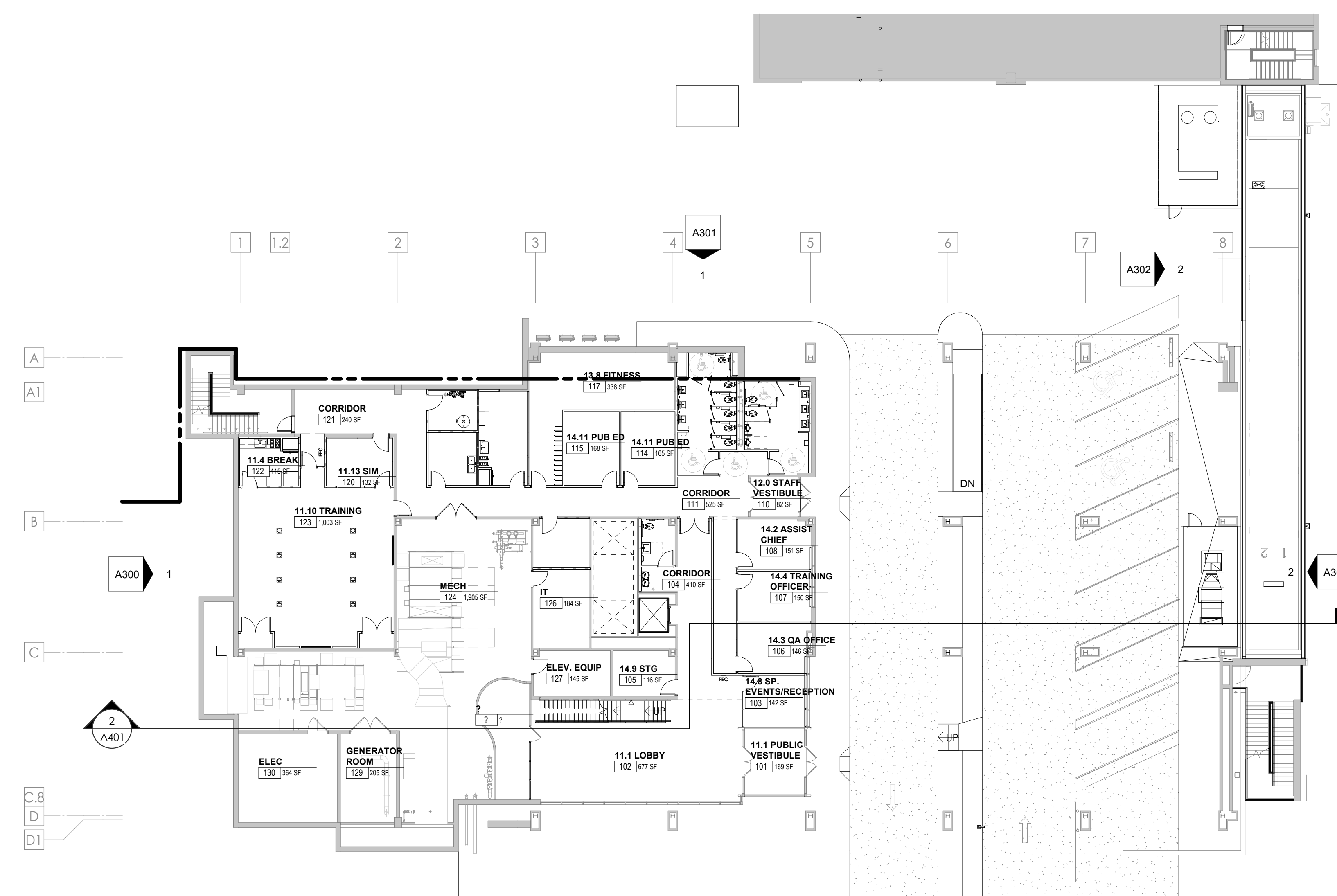
A001

WP - FIRST & SECOND LEVEL COMPOSITE FLOOR PLANS

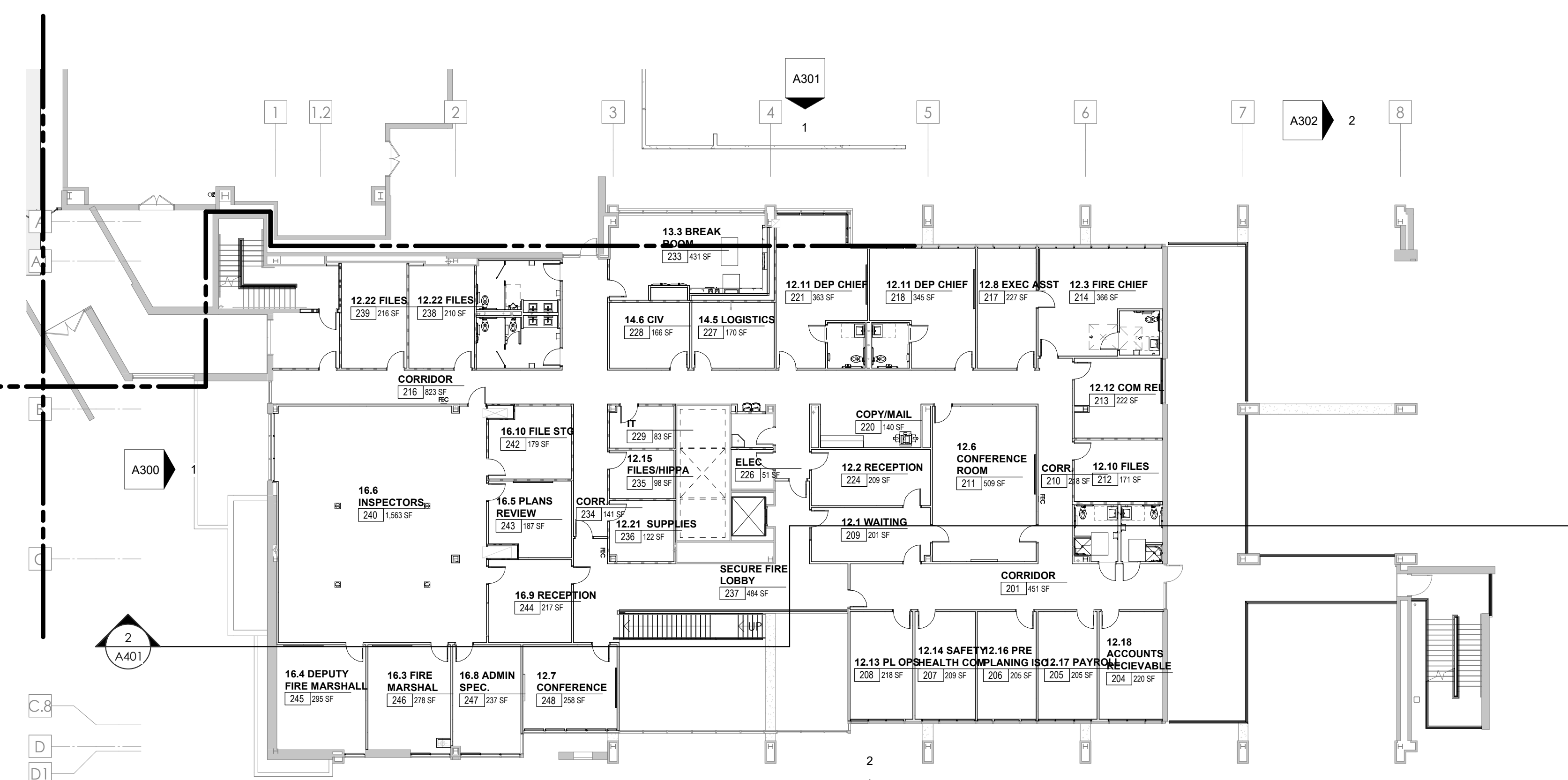
WALL LEGEND	
	2 HR PARTITION (ASSEMBLY VARIES)
	1 HR PARTITION (ASSEMBLY VARIES)
	BALLISTIC LEVEL 3 PARTITION (ASSEMBLY VARIES)
	NEW PARTITION (ASSEMBLY VARIES)
	EXISTING PARTITION
	EXISTING PARTITION TO BE DEMOLISHED

FLOOR PLAN GENERAL NOTES

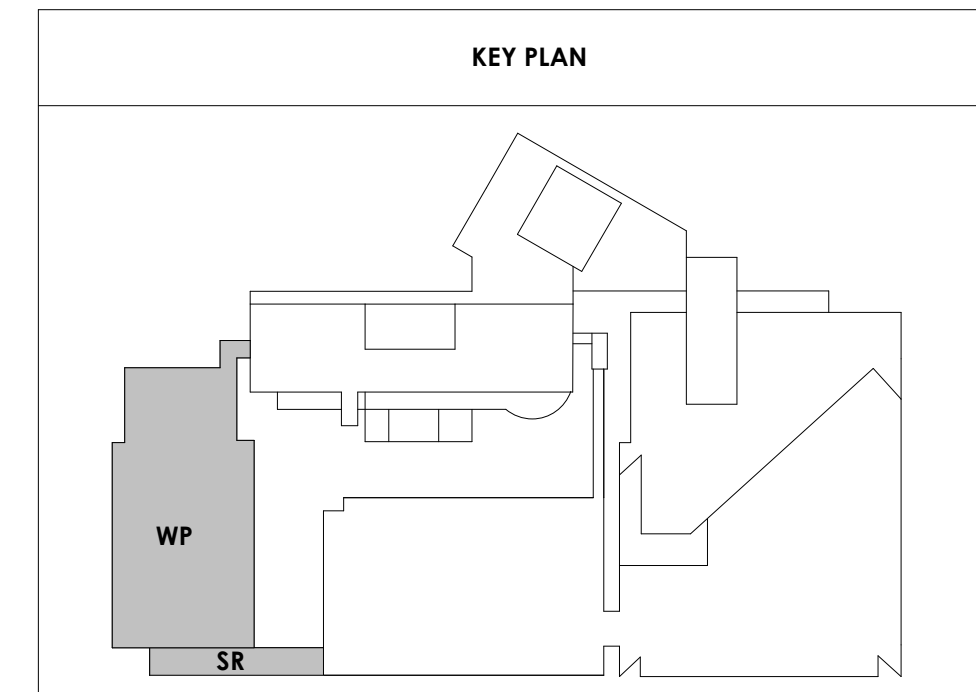
- Refer to furniture plans for owner provided furnishings.
- Provide non-combustible blocking as required for all wall cabinets, wall hung sinks, shelving standards, countertops, toilet accessories, supports, and equipment per manufacturers recommendations.
- All partition drywall joints shall be mudded, taped and sanded smooth with no visible joints to Level 4 finish.
- Provide caulking at intersection of all dissimilar materials.
- GC shall provide non-combustible blocking and power/junction box at all wall-mounted TVs. coordinate final locations with furniture & equipment and technology drawings, and owner.
- Stagger all back to back outlets at sound and security walls.
- The rough opening of a new door graphically shown in the corner of a room undimensioned shall be 0" or 4" (as graphically indicated on plans) from the inside corner of stud, unless noted or dimensioned otherwise on the floor plan.
- The rough opening of a new door graphically shown in the center of a wall undimensioned shall be centered on the wall, unless noted or dimensioned otherwise on the floor plan.
- Provide grommet in casework countertops at all locations where power and/or communications are located below - refer to electrical.
- All equipment opening dimensions and details shall be verified by the manufacturer prior to the execution of any work affected by the same equipment.
- The finish face of material of new partitions shall align on both sides of the partition with the face of the materials on existing columns, walls, or partitions, unless noted otherwise.
- All piping above grade and inside the building required by the Construction Documents shall be installed in areas where it will be concealed. The Contractor shall consult with the Architect and coordinate with other trades to provide furring for piping installed in finish areas.
- All exterior POB walls cavities to receive new closed cell spray foam insulation (R-20 MIN.). Seal tight behind wall sheathing.
- Patch and repair interior CMU walls at existing Mechanical rooms where rough-in piping and ductwork had been removed.
- Repair existing exterior metal studs as needed - Refer to Structural for requirements.
- All existing metal stud walls to receive new R-19 batt insulation and 5/8" drywall to deck.
- Provide mineral wool and fire caulk at all perimeter walls of Central Annex and Women's Pavilion to meet Hilti UL detail CEJ-316-P for EFIS exterior wall finish or CEJ-314-P for masonry exterior wall finish.
- At shell space exterior walls, install R-19 FSK insulation only, no drywall required.
- At fire-rated shell space walls, interior drywall to receive first coat of compound only.



1 WOMENS PAVILION - 1ST LEVEL COMPOSITE FLOOR
 1/16" = 1'-0"



2 WOMENS PAVILION - 2ND LEVEL COMPOSITE FLOOR PLAN
 1/16" = 1'-0"





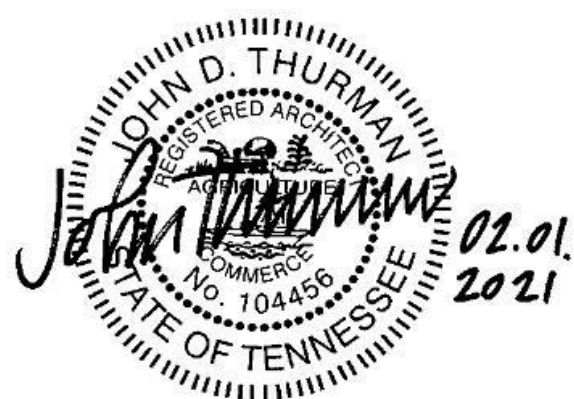
Project Information:

19018

COK SAFETY BUILDING

900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:

Architects Design Group

#	ISSUE	DATE
3	ADD #03.1	02/24/21
4	ADD #04.1	03/03/21

Issue Date:	FEBRUARY 1, 2021
PK:	DAVID COLLINS
PM:	JOHN THURMAN
PA:	LAUREN BUSH /
Drawn By:	M LABBE
Checked By:	B. PIERCY

Drawing Info:

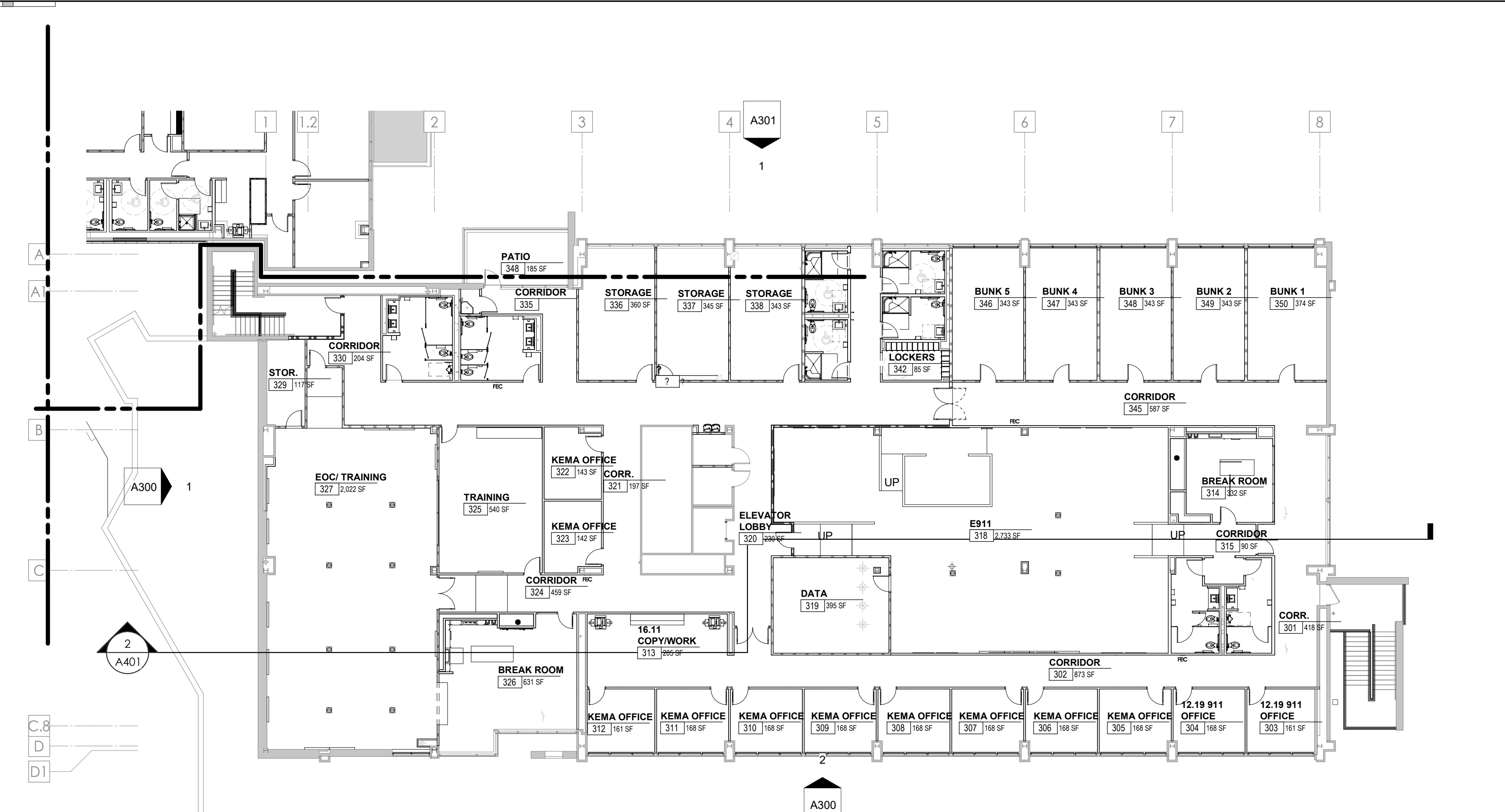
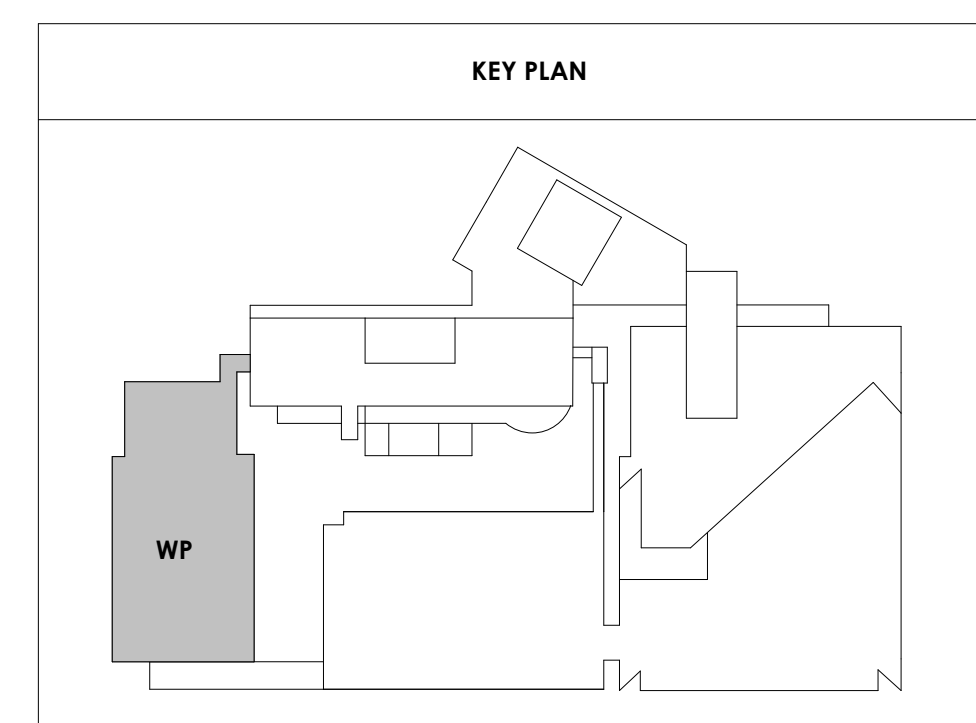
A002

WP - THIRD & PENTHOUSE LEVEL COMPOSITE FLOOR PLANS

WALL LEGEND	
	2 HR PARTITION (ASSEMBLY VARIES)
	1 HR PARTITION (ASSEMBLY VARIES)
	BALLISTIC LEVEL 3 PARTITION (ASSEMBLY VARIES)
	NEW PARTITION (ASSEMBLY VARIES)
	EXISTING PARTITION
	EXISTING PARTITION TO BE DEMOLISHED

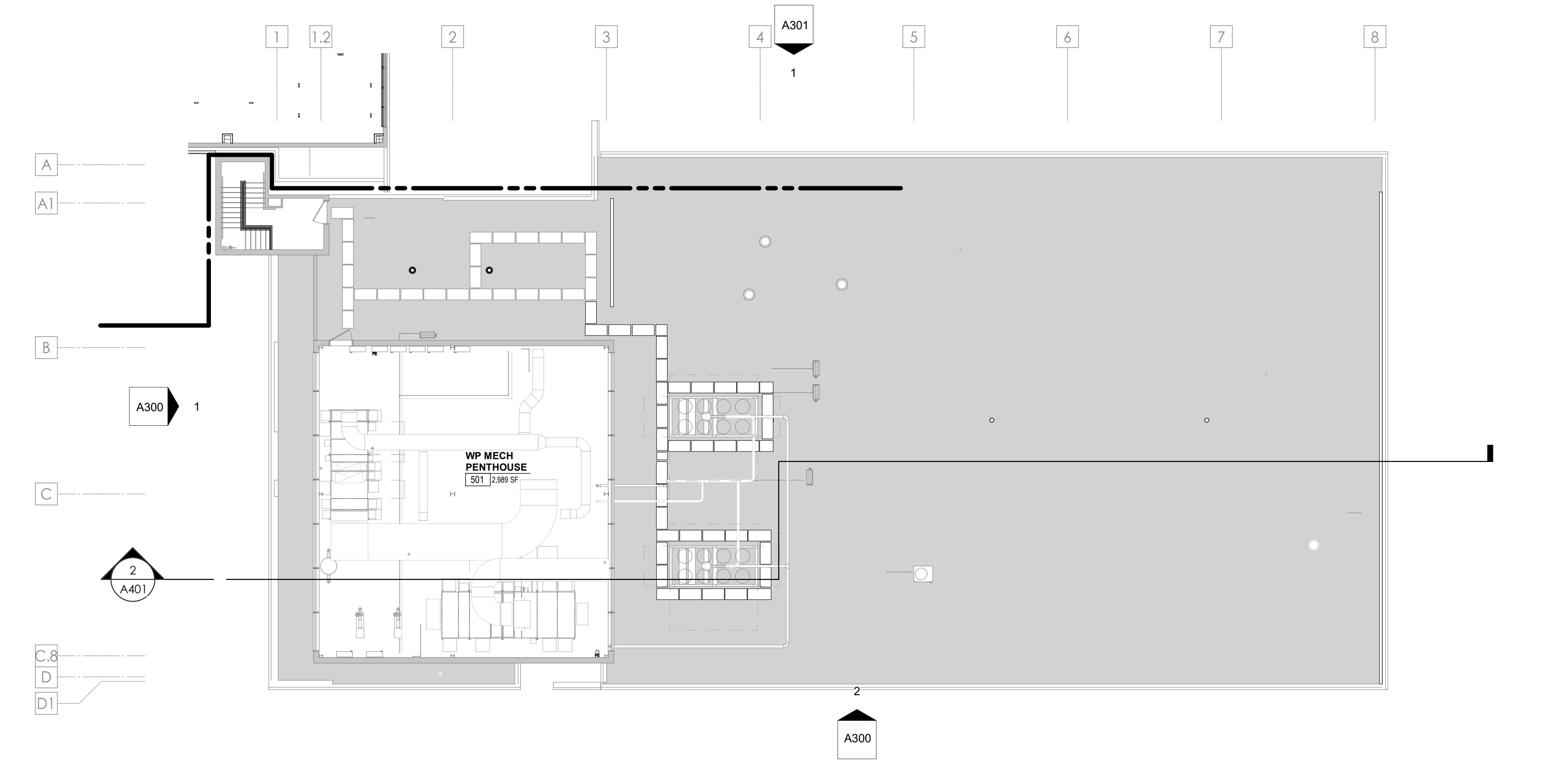
FLOOR PLAN GENERAL NOTES

- Refer to furniture plans for owner provided furnishings.
- Provide non-combustible blocking as required for all wall cabinets, wall hung sinks, shelving standards, countertops, toilet accessories, supports, and equipment per manufacturers recommendations.
- All partition drywall joints shall be mudded, taped and sanded smooth with no visible joints to Level 4 finish.
- Provide caulking at intersection of all dissimilar materials.
- GC shall provide non-combustible blocking and power/junction box at all wall-mounted TVs, coordinate final locations with furniture & equipment and technology drawings, and owner.
- Stagger all back to back outlets at sound and security walls.
- The rough opening of a new door graphically shown in the corner of a room undimensioned shall be 0" or 4" (as graphically indicated on plans) from the inside corner of stud, unless noted or dimensioned otherwise on the floor plan.
- The rough opening of a new door graphically shown in the center of a wall undimensioned shall be centered on the wall, unless noted or dimensioned otherwise on the floor plan.
- Provide grommet in casework countertops at all locations where power and/or communications are located below - refer to electrical.
- All equipment opening dimensions and details shall be verified by the manufacturer prior to the execution of any work affected by the same equipment.
- The finish face of material of new partitions shall align on both sides of the partition with the face of the materials on existing columns, walls, or partitions, unless noted otherwise.
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- All exterior POB walls cavities to receive new closed cell spray foam insulation (R-20 MIN.). Seal tight behind wall sheathing.
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- Repair existing exterior metal studs as needed - Refer to Structural for requirements.
- All existing metal stud walls to receive new R-19 batt insulation and 5/8" drywall to deck.
- Provide mineral wool and fire caulk at all perimeter walls of Central Annex and Women's Pavilion to meet Hilti UL detail CEJ-316-P for EFIS exterior wall finish or CEJ-314-P for masonry exterior wall finish.
- At shell space exterior walls, install R-19 FSK insulation only, no drywall required.
- At fire-rated shell space walls, interior drywall to receive first coat of compound only.



1 WOMENS PAVILION - 3RD LEVEL COMPOSITE FLOOR PLAN

A002 1/16" = 1'-0"



2 WOMENS PAVILION - Penthouse Level - Floor Plan

A002 1/16" = 1'-0"



Project Information:

19018

COK PUBLIC SAFETY COMPLEX

900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:

Architects Design Group

#	ISSUE	DATE
2	ADD #02.1	02/17/21
3	ADD #03.1	02/24/21
4	ADD #04.1	03/03/21

Issue Date:	FEBRUARY 01, 2021
PI:	DAVID COLLINS
PM:	JOHN THURMAN
PA:	LAUREN BUSH /
Drawn By:	JW
Checked By:	BP

Drawing Info:

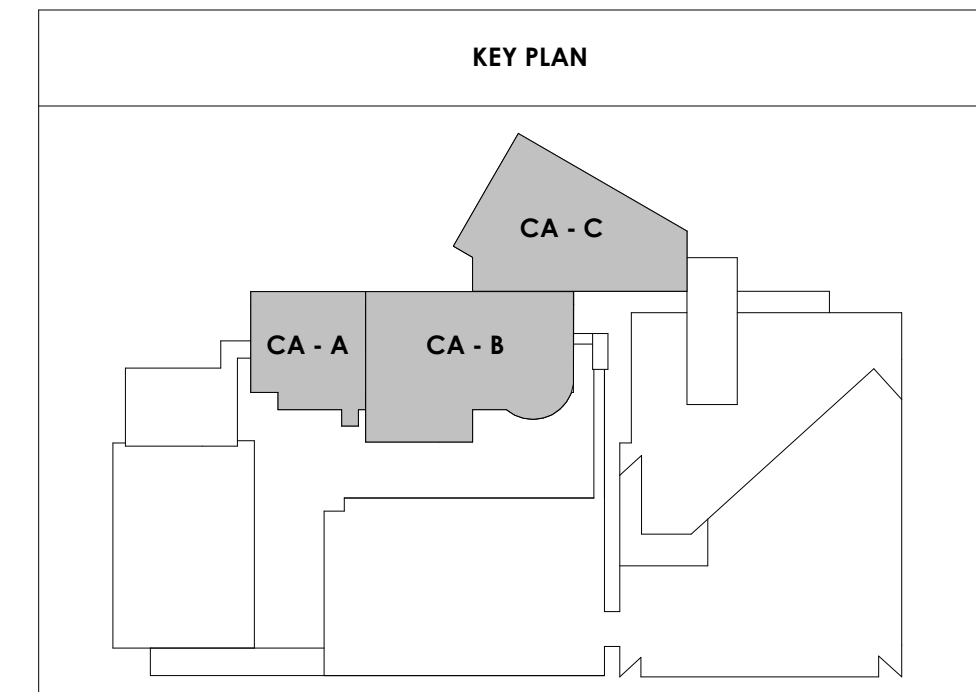
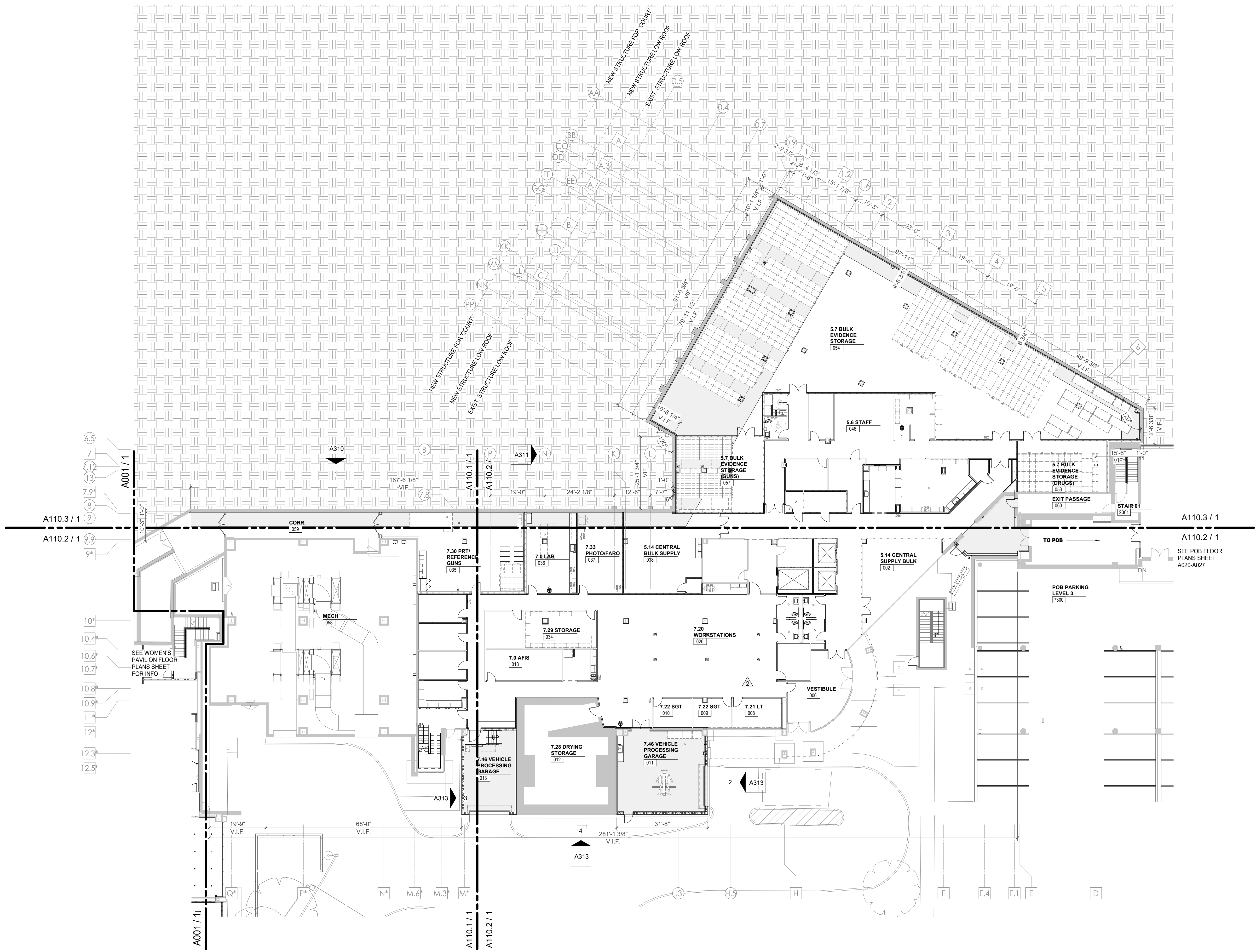
A010

CA - OVERALL LEVEL LL3 FLOOR PLAN

WALL LEGEND	
	2 HR PARTITION (ASSEMBLY VARIES)
	1 HR PARTITION (ASSEMBLY VARIES)
	BALLISTIC LEVEL 3 PARTITION (ASSEMBLY VARIES)
	NEW PARTITION (ASSEMBLY VARIES)
	EXISTING PARTITION
	EXISTING PARTITION TO BE DEMOLISHED

FLOOR PLAN GENERAL NOTES

- Refer to furniture plans for owner provided furnishings.
- Provide non-combustible blocking as required for all wall cabinets, wall hung sinks, shelving standards, countertops, toilet accessories, supports, and equipment per manufacturers recommendations.
- All partition drywall joints shall be mudded, taped and sanded smooth with no visible joints to Level 4 finish.
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- Provide grommet in casework countertops at all locations where power and/or communications are located below - refer to electrical
- All equipment opening dimensions and details shall be verified by the manufacturer prior to the execution of any work affected by the same equipment.
- The finish face of material of new partitions shall align on both sides of the partition with the face of the materials on existing columns, walls, or partitions, unless noted otherwise.
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- Provide mineral wool and fire caulk at all perimeter walls of Central Annex and Women's Pavilion to meet HiTi UL detail CEJ-316-P for EFIS exterior wall finish or CEJ-314-P for masonry exterior wall finish.
- At shell space exterior walls, install R-19 FSK insulation only, no drywall required.
- At fire-rated shell space walls, interior drywall to receive first coat of compound only.



3/30/2021 5:07:55 PM
CENTRAL ANNEX - LEVEL LL3 OVERALL FLOOR PLAN
1/16" = 1'-0"



Project Information:

19018

COK PUBLIC SAFETY COMPLEX

900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:

Architects Design Group

#	ISSUE	DATE
3	ADD #03.1	02/24/21
4	ADD #04.1	03/03/21

Issue Date:	FEBRUARY 01, 2021
PKC:	DAVID COLLINS
PM:	JOHN THURMAN
PA:	LAUREN BUSH /
Drawn By:	JW
Checked By:	BP

Drawing Info:

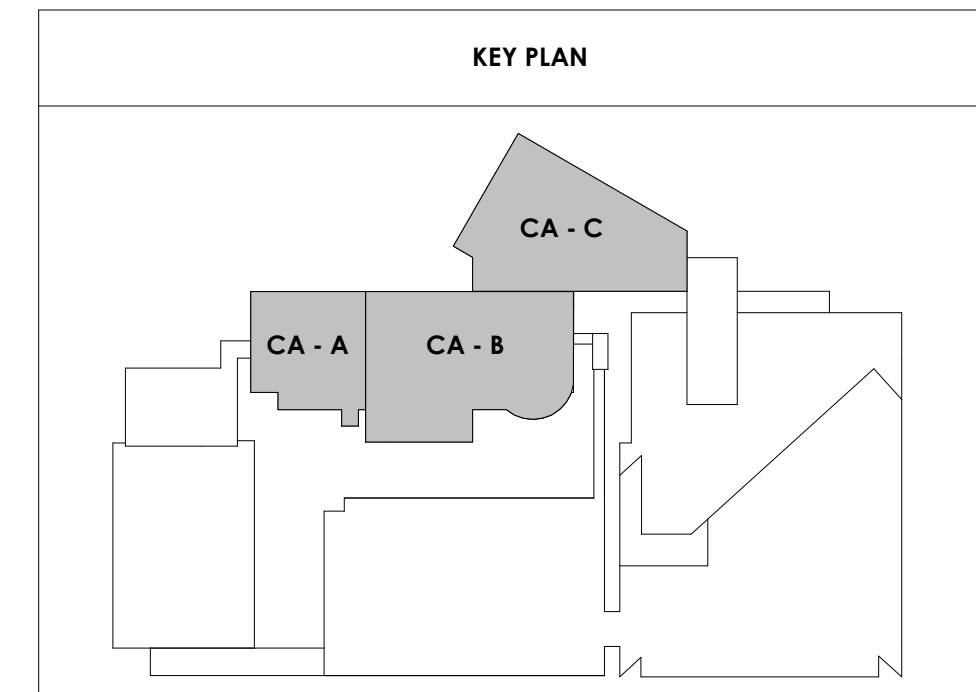
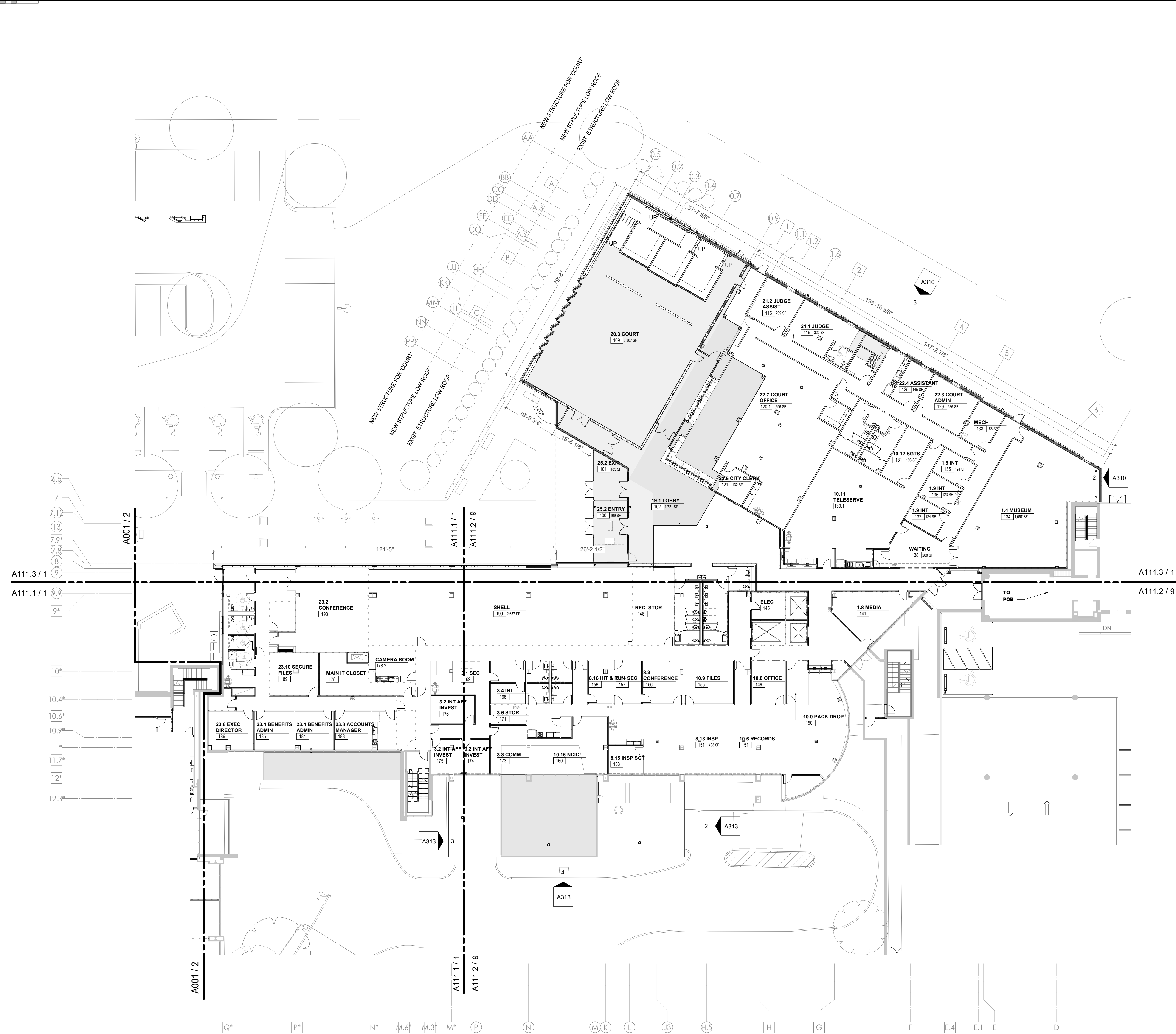
A011

CA - OVERALL LEVEL LL2 FLOOR PLAN

WALL LEGEND	
	2 HR PARTITION (ASSEMBLY VARIES)
	1 HR PARTITION (ASSEMBLY VARIES)
	BALLISTIC LEVEL 3 PARTITION (ASSEMBLY VARIES)
	NEW PARTITION (ASSEMBLY VARIES)
	EXISTING PARTITION
	EXISTING PARTITION TO BE DEMOLISHED

FLOOR PLAN GENERAL NOTES

- Refer to furniture plans for owner provided furnishings.
- Provide non-combustible blocking as required for all wall cabinets, wall hung sinks, shelving standards, countertops, toilet accessories, supports, and equipment per manufacturers recommendations.
- All partition drywall joints shall be mudded, taped and sanded smooth with no visible joints to Level 4 finish.
- Provide caulking at intersection of all dissimilar materials.
- GC shall provide non-combustible blocking and power/junction box at all wall-mounted TVs. coordinate final locations with furniture & equipment and technology drawings, and owner.
- Stagger all back to back outlets at sound and security walls.
- The rough opening of a new door graphically shown in the corner of a room undimensioned shall be 0" or 4" (as graphically indicated on plans) from the inside corner of stud, unless noted or dimensioned otherwise on the floor plan.
- The rough opening of a new door graphically shown in the center of a wall undimensioned shall be centered on the wall, unless noted or dimensioned otherwise on the floor plan
- Provide grommet in casework countertops at all locations where power and/or communications are located below - refer to electrical
- All equipment opening dimensions and details shall be verified by the manufacturer prior to the execution of any work affected by the same equipment.
- The finish face of material of new partitions shall align on both sides of the partition with the face of the materials on existing columns, walls, or partitions, unless noted otherwise.
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- Repair existing exterior metal studs as needed - Refer to Structural for requirements.
- All existing metal stud walls to receive new R-19 batt insulation and 5/8" drywall to deck.
- Provide mineral wool and fire caulk at all perimeter walls of Central Annex and Women's Pavilion to meet Hilti UL detail CEJ-316-P for EFIS exterior wall finish or CEJ-314-P for masonry exterior wall finish.
- At shell space exterior walls, install R-19 FSK insulation only, no drywall required.
- At fire-rated shell space walls, interior drywall to receive first coat of compound only.





Project Information:

19018

COK PUBLIC SAFETY COMPLEX

900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:

Architects Design Group

#	ISSUE	DATE
2	ADD #02.1	02/17/21
3	ADD #03.1	02/24/21
4	ADD #04.1	03/03/21

Issue Date:	FEBRUARY 01, 2021
PK:	DAVID COLLINS
PM:	JOHN THURMAN
PA:	LAUREN BUSH /
Drawn By:	JW
Checked By:	BP

Drawing Info:

A012

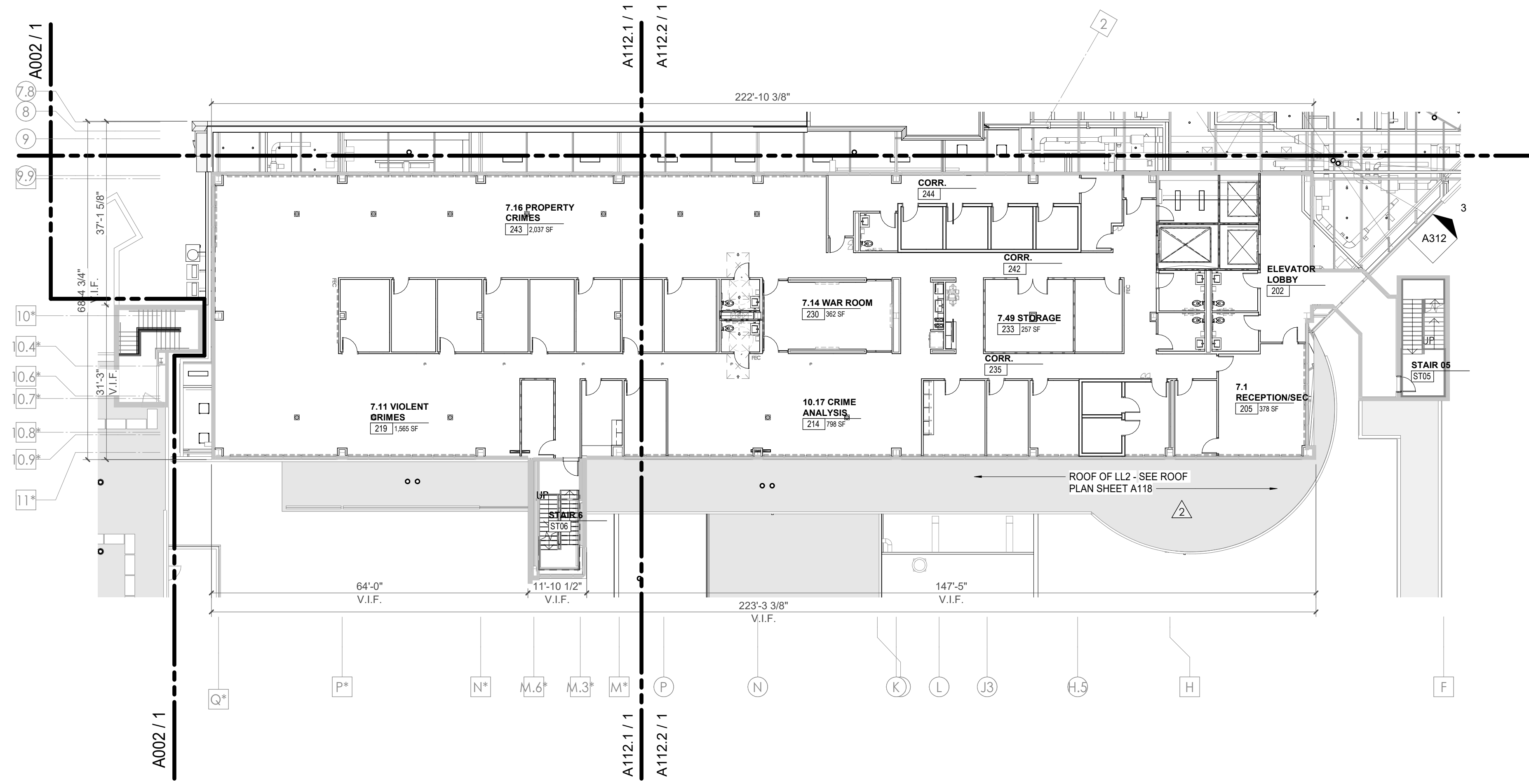
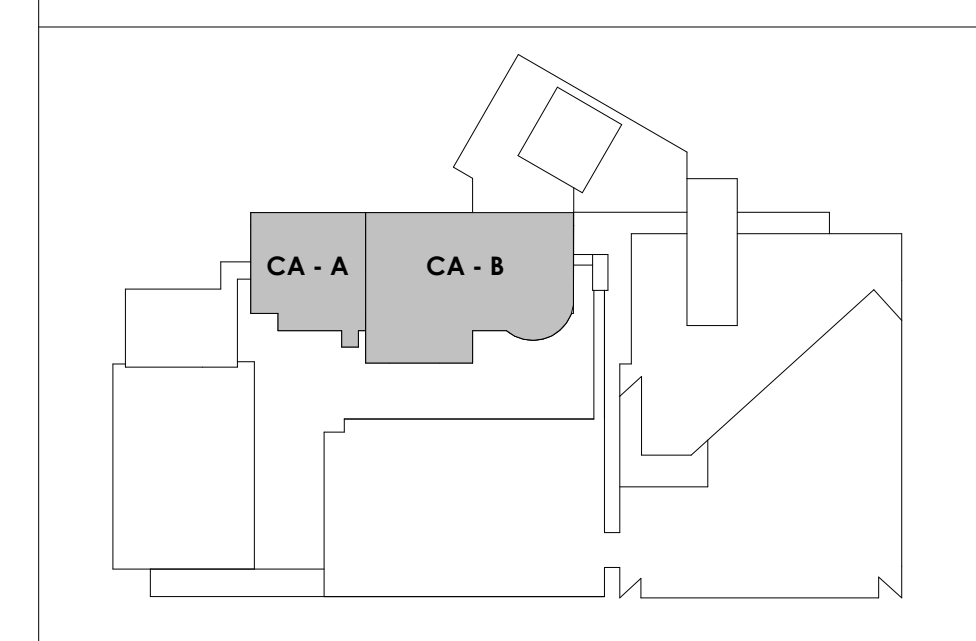
CA - OVERALL LEVEL LL1 AND GROUND FLOOR PLAN

WALL LEGEND	
	2 HR PARTITION (ASSEMBLY VARIES)
	1 HR PARTITION (ASSEMBLY VARIES)
	BALLISTIC LEVEL 3 PARTITION (ASSEMBLY VARIES)
	NEW PARTITION (ASSEMBLY VARIES)
	EXISTING PARTITION
	EXISTING PARTITION TO BE DEMOLISHED

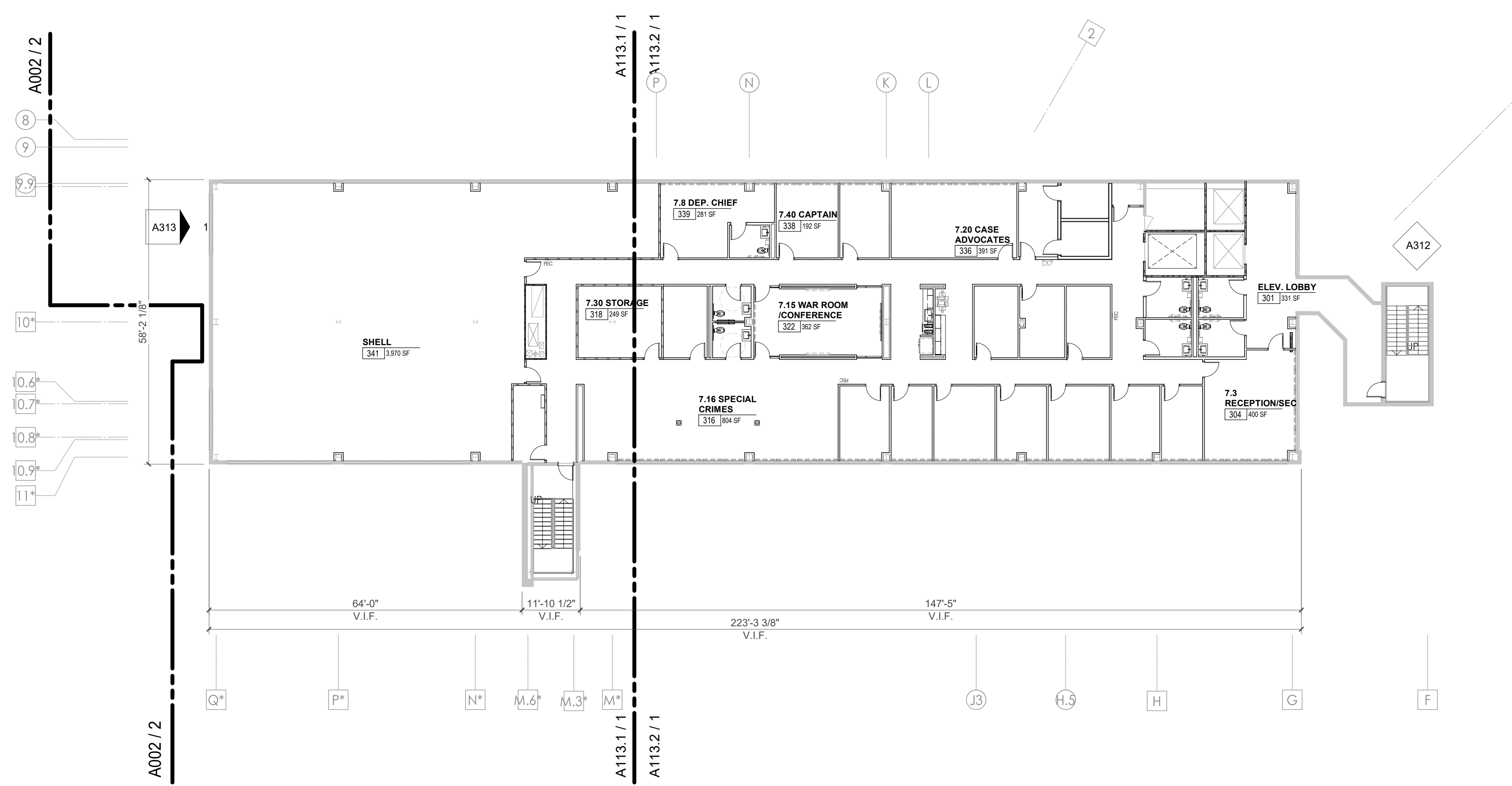
FLOOR PLAN GENERAL NOTES

- Refer to furniture plans for owner provided furnishings.
- Provide non-combustible blocking as required for all wall cabinets, wall hung sinks, shelving standards, countertops, toilet accessories, supports, and equipment per manufacturers recommendations.
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- Provide mineral wool and fire caulk at all perimeter walls of Central Annex and Women's Pavilion to meet Hilti UL detail CEJ-316-P for EFIS exterior wall finish or CEJ-314-P for masonry exterior wall finish.
- At shell space exterior walls, install R-19 FSK insulation only, no drywall required.
- At fire-rated shell space walls, interior drywall to receive first coat of compound only.

KEY PLAN



1 CENTRAL ANNEX - LEVEL LL1 OVERALL FLOOR PLAN
1/16" = 1'-0"



2 CENTRAL ANNEX - GROUND LEVEL FLOOR PLAN
1/16" = 1'-0"



Project Information:

19018

COK PUBLIC SAFETY COMPLEX

900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:

Architects Design Group

#	ISSUE	DATE
3	ADD #3.1	02/24/21
4	ADD #4.1	03/03/21

Issue Date:	FEBRUARY 01, 2021
PI:	DAVID COLLINS
PM:	JOHN THURMAN
PA:	LAUREN BUSH /
Drawn By:	JW
Checked By:	BP

Drawing Info:

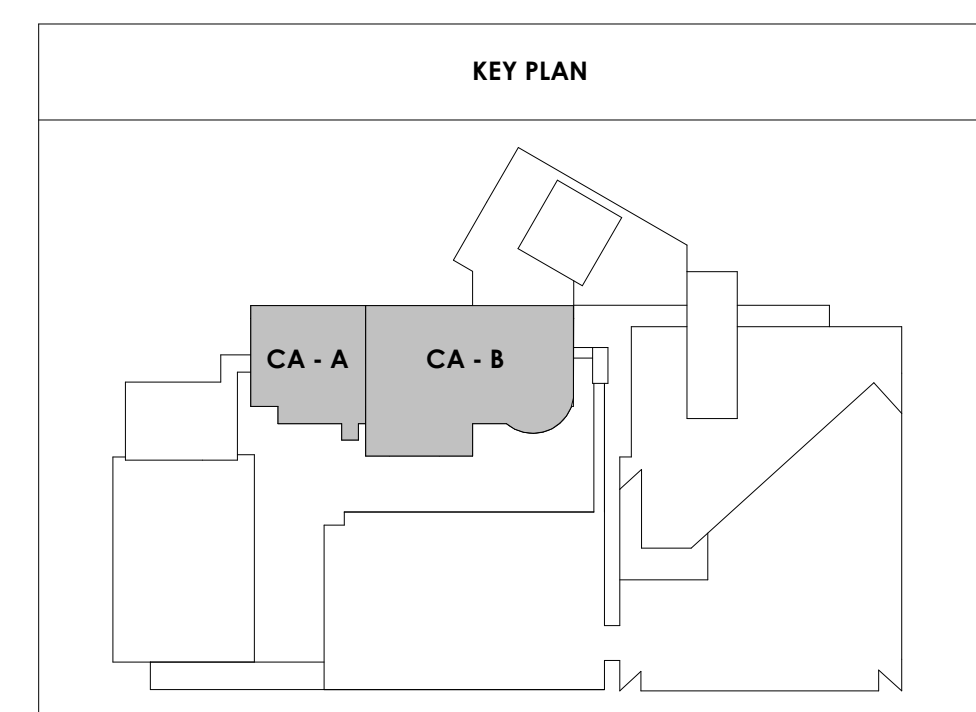
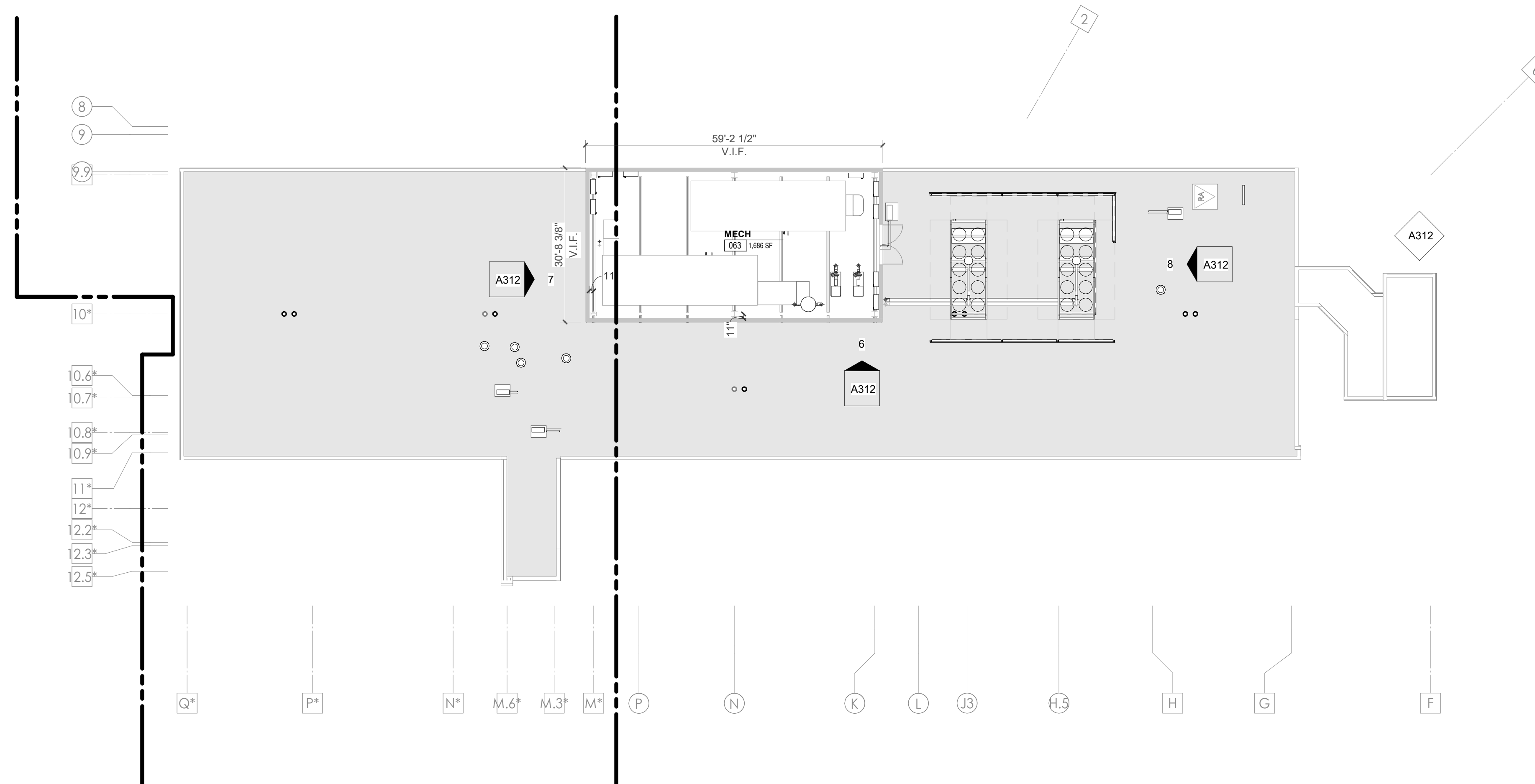
A013

CA - OVERALL
PENTHOUSE LEVEL
FLOOR PLAN

WALL LEGEND	
	2 HR PARTITION (ASSEMBLY VARIES)
	1 HR PARTITION (ASSEMBLY VARIES)
	BALLISTIC LEVEL 3 PARTITION (ASSEMBLY VARIES)
	NEW PARTITION (ASSEMBLY VARIES)
	EXISTING PARTITION
	EXISTING PARTITION TO BE DEMOLISHED

FLOOR PLAN GENERAL NOTES

- Refer to furniture plans for owner provided furnishings.
- Provide non-combustible blocking as required for all wall cabinets, wall hung sinks, shelving standards, countertops, toilet accessories, supports, and equipment per manufacturers recommendations.
- All partition drywall joints shall be mudded, taped and sanded smooth with no visible joints to Level 4 finish.
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- GC shall provide non-combustible blocking and power/junction box at all wall-mounted TVs. coordinate final locations with furniture & equipment and technology drawings, and owner.
- Stagger all back to back outlets at sound and security walls.
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- At shell space exterior walls, install R-19 FSK insulation only, no drywall required.
- At fire-rated shell space walls, interior drywall to receive first coat of compound only.



3/3/2021 5:08:15 PM
CENTRAL ANNEX - PENTHOUSE LEVEL OVERALL FLOOR PLAN
1/16" = 1'-0"
A013



Project Information:

19018

COK SAFETY BUILDING

900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:

Architects Design Group

#	ISSUE	DATE
3	ADD #03.1	02/24/21
4	ADD #04.1	03/03/21

Issue Date: FEBRUARY 1, 2021
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 PM: JOHN THURMAN
 PA: LAUREN BUSH /
 Drawn By: Author
 Checked By: BP

Drawing Info:

A020

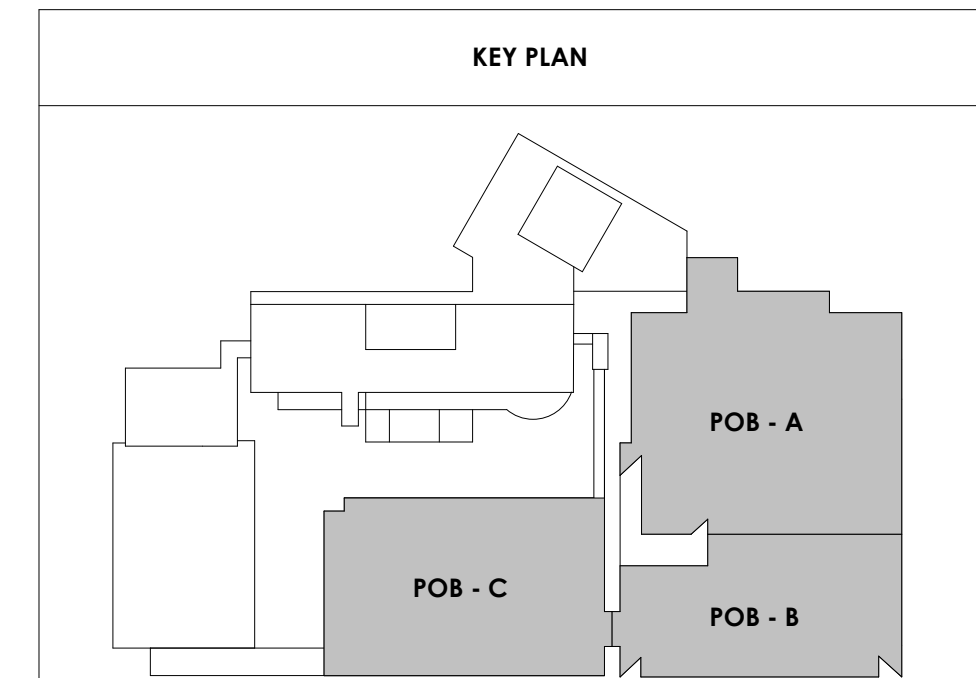
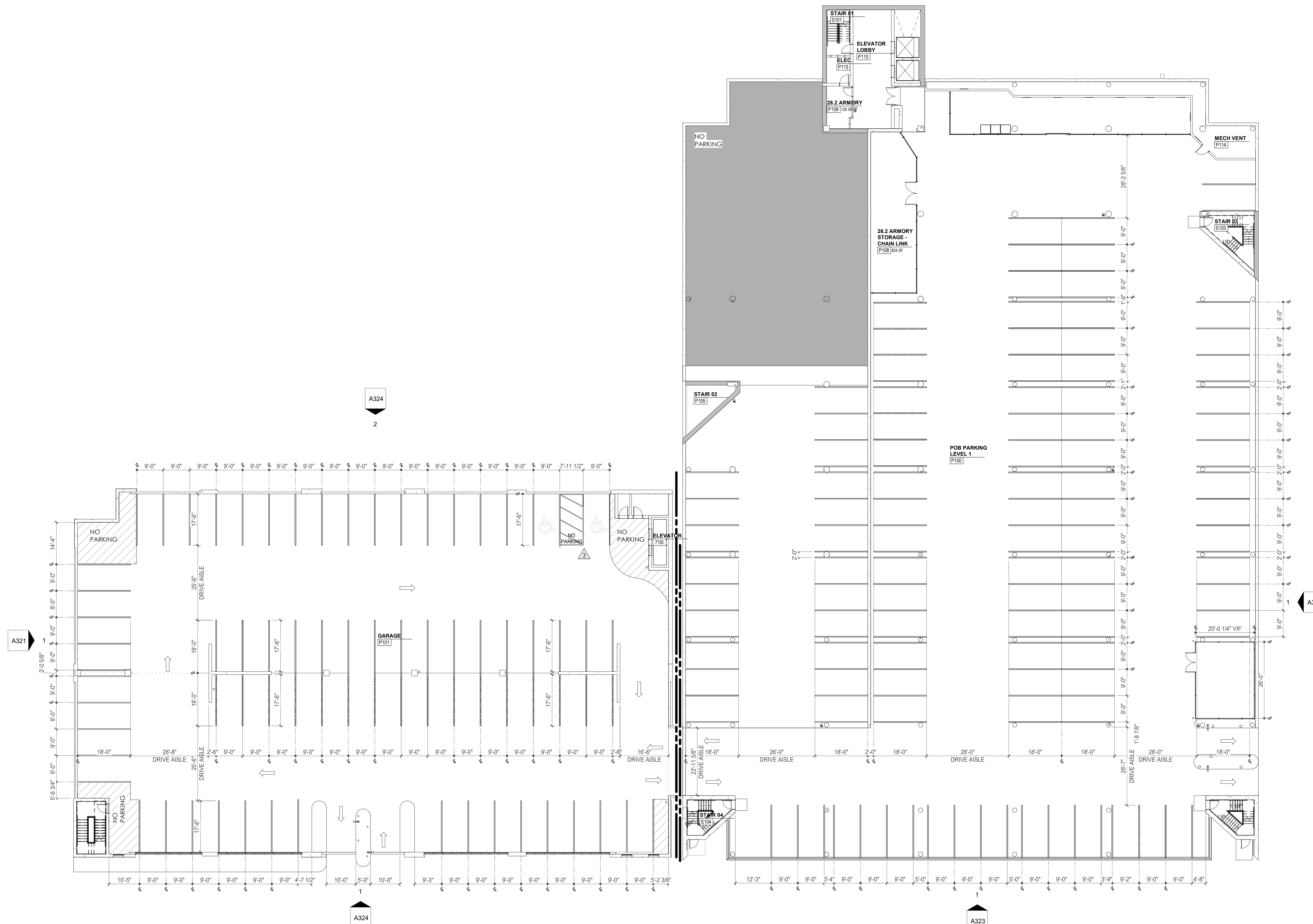
POB - COMPOSITE PLAN LEVEL P1

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WALL LEGEND	
	2 HR PARTITION (ASSEMBLY VARIES)
	1 HR PARTITION (ASSEMBLY VARIES)
	BALLISTIC LEVEL 3 PARTITION (ASSEMBLY VARIES)
	NEW PARTITION (ASSEMBLY VARIES)
	EXISTING PARTITION
	EXISTING PARTITION TO BE DEMOLISHED

FLOOR PLAN GENERAL NOTES

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- GC shall provide non-combustible blocking and power/junction box at all wall-mounted TVs. coordinate final locations with furniture & equipment and technology drawings, and owner.
- Slagger all back to back outlets at sound and security walls.
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- The rough opening of a new door graphically shown in the center of a wall undimensioned shall be centered on the wall, unless noted or dimensioned otherwise on the floor plan.
- Provide grommet in casework countertops at all locations where power and/or communications are located below - refer to electrical.
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- At shell space exterior walls, install R-19 FSK insulation only, no drywall required.
- At fire-rated shell space walls, interior drywall to receive first coat of compound only.



POB - COMPOSITE PLAN PARKING LEVEL P1
 1/16" = 1'-0"

3/30/2021 5:44:46 PM



Project Information:

19018

COK SAFETY BUILDING

900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:

Architects Design Group

#	ISSUE	DATE
3	ADD #03.1	02/24/21
4	ADD #04.1	03/03/21

Issue Date: FEBRUARY 1, 2021
 PIC: DAVID COLLINS
 PM: JOHN THURMAN
 PA: LAUREN BUSH /
 Drawn By: Author
 Checked By: BP

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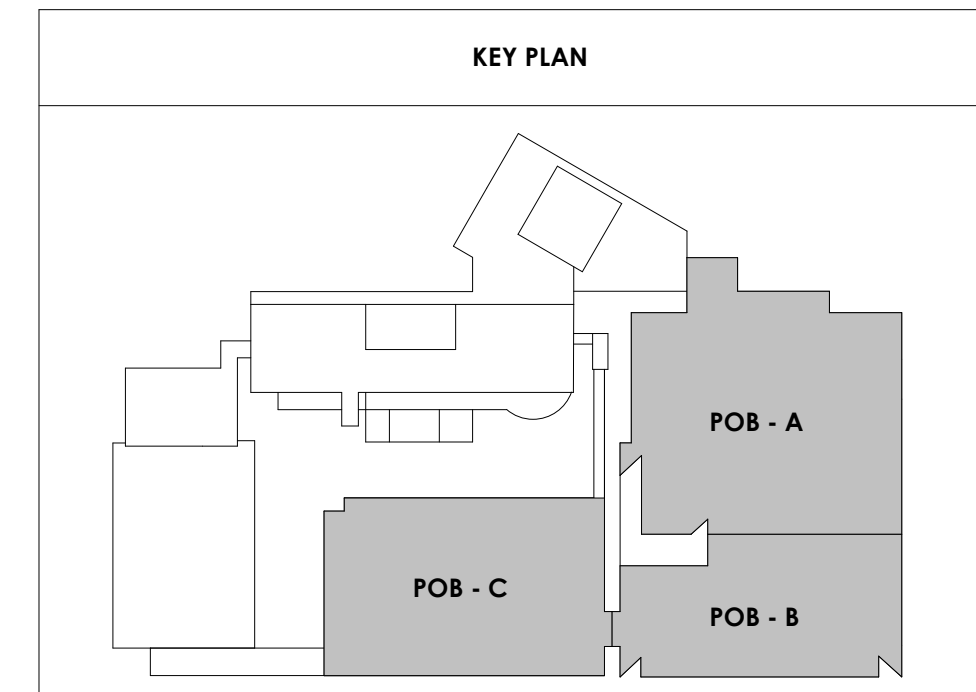
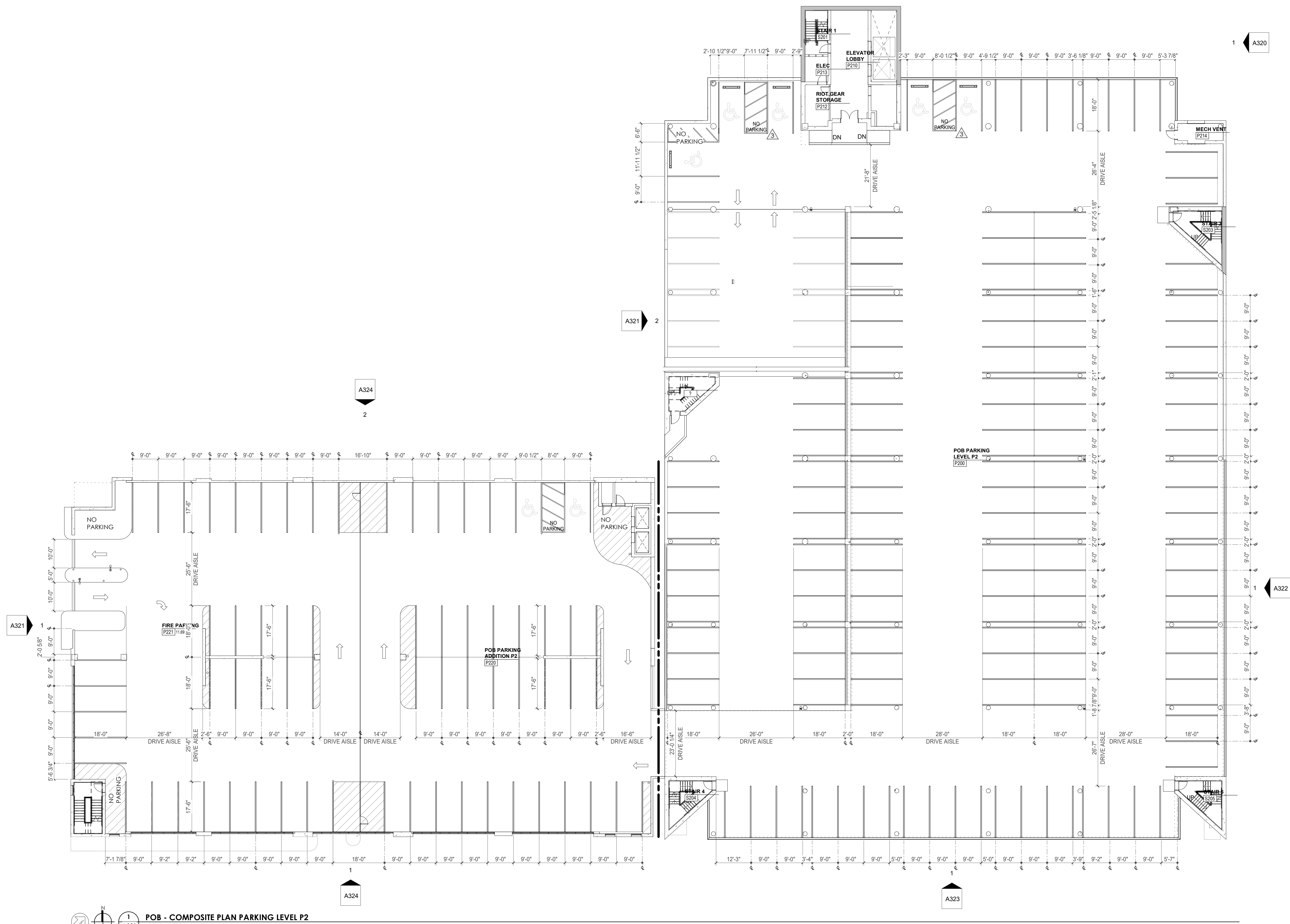
A021

POB - COMPOSITE
PLAN LEVEL P2

WALL LEGEND	
	2 HR PARTITION (ASSEMBLY VARIES)
	1 HR PARTITION (ASSEMBLY VARIES)
	BALLISTIC LEVEL 3 PARTITION (ASSEMBLY VARIES)
	NEW PARTITION (ASSEMBLY VARIES)
	EXISTING PARTITION
	EXISTING PARTITION TO BE DEMOLISHED

FLOOR PLAN GENERAL NOTES

- Refer to furniture plans for owner provided furnishings.
- Provide non-combustible blocking as required for all wall cabinets, wall hung sinks, shelving standards, countertops, toilet accessories, supports, and equipment per manufacturers recommendations.
- All partition drywall joints shall be mudded, taped and sanded smooth with no visible joints to Level 4 finish.
- Provide caulking at intersection of all dissimilar materials.
- GC shall provide non-combustible blocking and power/junction box at all wall-mounted TVs. coordinate final locations with furniture & equipment and technology drawings, and owner.
- Slagger all back to back outlets at sound and security walls.
- The rough opening of a new door graphically shown in the corner of a room undimensioned shall be 0" or 4" (as graphically indicated on plans) from the inside corner of stud, unless noted or dimensioned otherwise on the floor plan.
- The rough opening of a new door graphically shown in the center of a wall undimensioned shall be centered on the wall, unless noted or dimensioned otherwise on the floor plan.
- Provide grommet in casework countertops at all locations where power and/or communications are located below - refer to electrical
- All equipment opening dimensions and details shall be verified by the manufacturer prior to the execution of any work affected by the same equipment.
- The finish face of material of new partitions shall align on both sides of the partition with the face of the materials on existing columns, walls, or partitions, unless noted otherwise.
- All piping above grade and inside the building required by the Construction Documents shall be installed in areas where it will be concealed. The Contractor shall consult with the Architect and coordinate with other trades to provide furring for piping installed in finish areas.
- All exterior POB walls cavities to receive new closed cell spray foam insulation (R-20 MIN.). Seal tight behind wall sheathing.
- Patch and repair interior CMU walls at existing Mechanical rooms where rough-in piping and ductwork had been removed.
- Repair existing exterior metal studs as needed - Refer to Structural for requirements.
- All existing metal stud walls to receive new R-19 batt insulation and 5/8" drywall to deck.
- Provide mineral wool and fire caulk at all perimeter walls of Central Annex and Women's Pavilion to meet Hilti UL detail CEJ-316-P for EFIS exterior wall finish or CEJ-314-P for masonry exterior wall finish.
- At shell space exterior walls, install R-19 FSK insulation only, no drywall required.
- At fire-rated shell space walls, interior drywall to receive first coat of compound only.





Project Information:

19018

COK SAFETY BUILDING

900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:

Architects Design Group

#	ISSUE	DATE
3	ADD #03.1	02/24/21
4	ADD #04.1	03/03/21

Issue Date:	FEBRUARY 1, 2021
PK:	DAVID COLLINS
PM:	JOHN THURMAN
PA:	LAUREN BUSH /
Drawn By:	Author
Checked By:	BP

Drawing Info:

A022

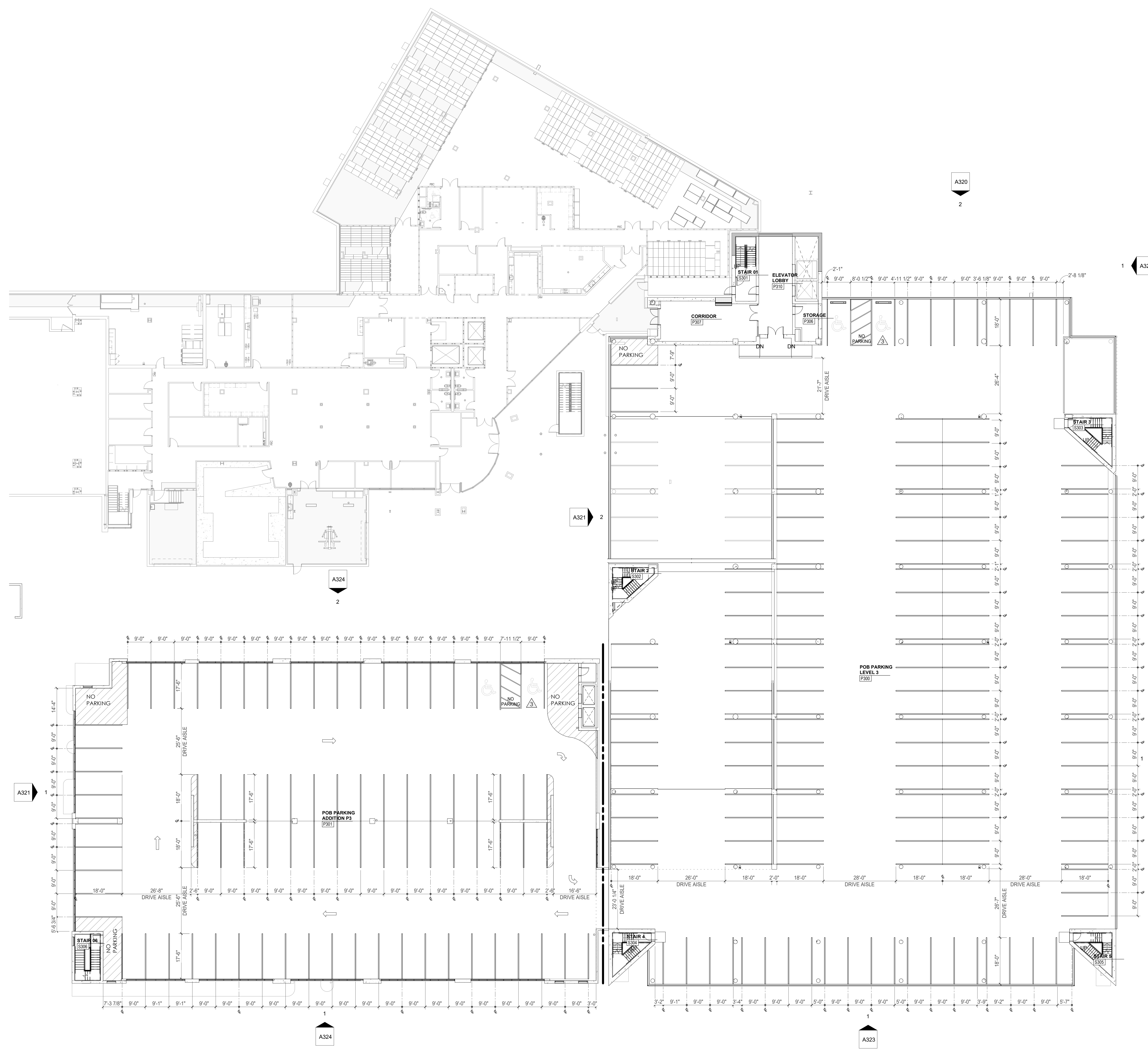
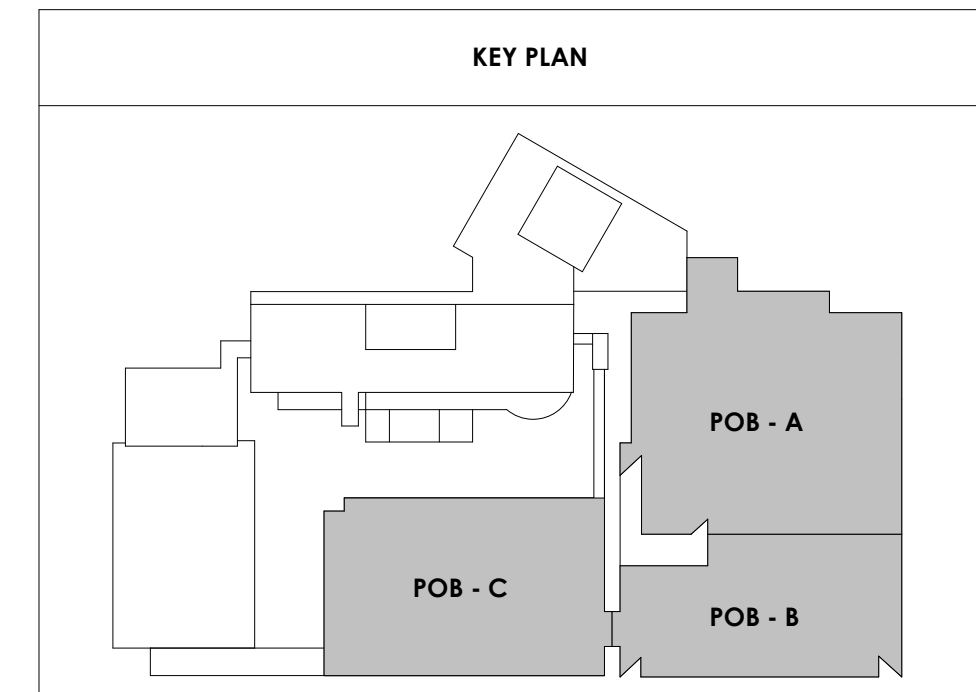
POB - COMPOSITE PLAN LEVEL P3

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WALL LEGEND	
	2 HR PARTITION (ASSEMBLY VARIES)
	1 HR PARTITION (ASSEMBLY VARIES)
	BALLISTIC LEVEL 3 PARTITION (ASSEMBLY VARIES)
	NEW PARTITION (ASSEMBLY VARIES)
	EXISTING PARTITION
	EXISTING PARTITION TO BE DEMOLISHED

FLOOR PLAN GENERAL NOTES

- Refer to furniture plans for owner provided furnishings.
- Provide non-combustible blocking as required for all wall cabinets, wall hung sinks, shelving standards, countertops, toilet accessories, supports, and equipment per manufacturers recommendations.
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- At shell space exterior walls, install R-19 FSK insulation only, no drywall required.
- At fire-rated shell space walls, interior drywall to receive first coat of compound only.



POB - COMPOSITE PLAN PARKING LEVEL P3
1/16" = 1'-0"

3/30/2021 5:44:55 PM



Project Information:

19018

COK SAFETY BUILDING

900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:

Architects Design Group

#	ISSUE	DATE
3	ADD #03.1	02/24/21
4	ADD #04.1	03/03/21

Issue Date:	FEBRUARY 1, 2021
PI:	DAVID COLLINS
PM:	JOHN THURMAN
PA:	LAUREN BUSH /
Author:	Author
Checked By:	BP

Drawing Info:

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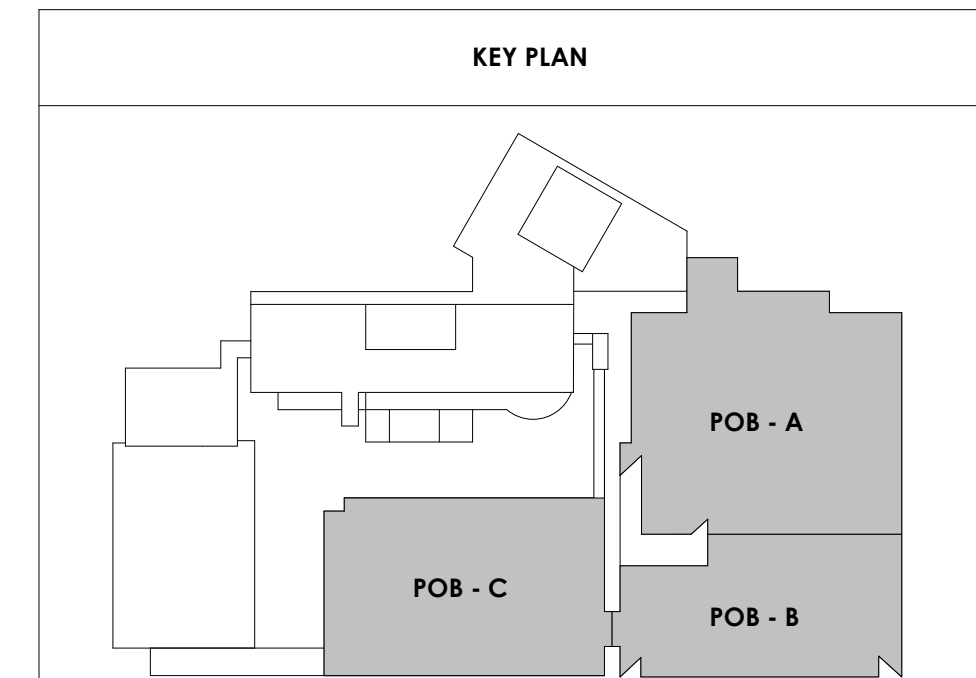
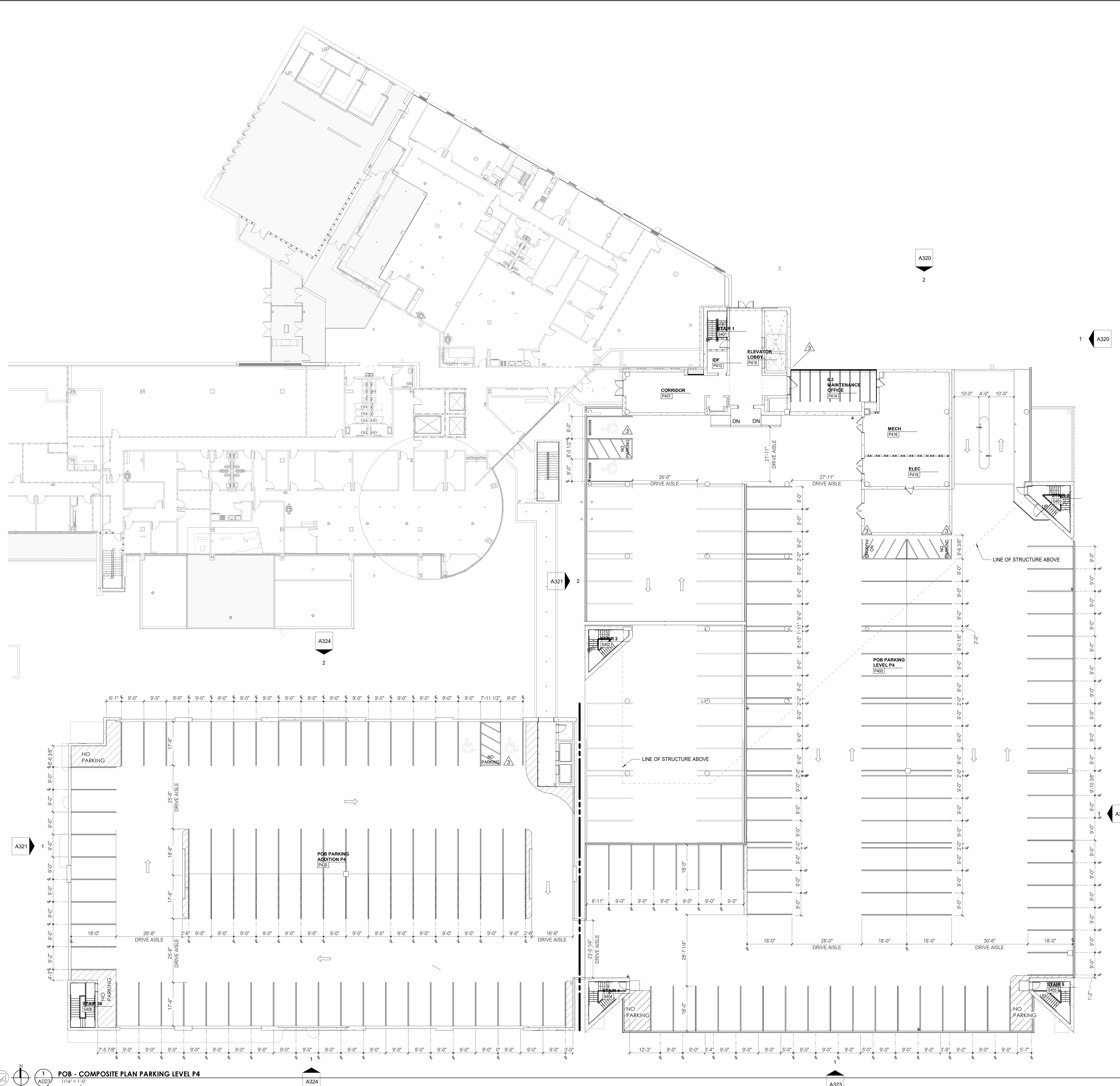
POB - COMPOSITE PLAN LEVEL P4

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WALL LEGEND	
	2 HR PARTITION (ASSEMBLY VARIES)
	1 HR PARTITION (ASSEMBLY VARIES)
	BALLISTIC LEVEL 3 PARTITION (ASSEMBLY VARIES)
	NEW PARTITION (ASSEMBLY VARIES)
	EXISTING PARTITION
	EXISTING PARTITION TO BE DEMOLISHED

FLOOR PLAN GENERAL NOTES

- Refer to furniture plans for owner provided furnishings.
- Provide non-combustible blocking as required for all wall cabinets, wall hung sinks, shelving standards, countertops, toilet accessories, supports, and equipment per manufacturers recommendations.
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- At shell space exterior walls, install R-19 FSK insulation only, no drywall required.
- At fire-rated shell space walls, interior drywall to receive first coat of compound only.





Project Information:

19018

COK SAFETY BUILDING

900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:

Architects Design Group

#	ISSUE	DATE
3	ADD #03.1	02/24/21
4	ADD #04.1	03/03/21

Issue Date:	FEBRUARY 1, 2021
PIC	DAVID COLLINS
PM	JOHN THURMAN
PA	LAUREN BUSH /
Drawn By:	Author
Checked By:	BP

Drawing Info:

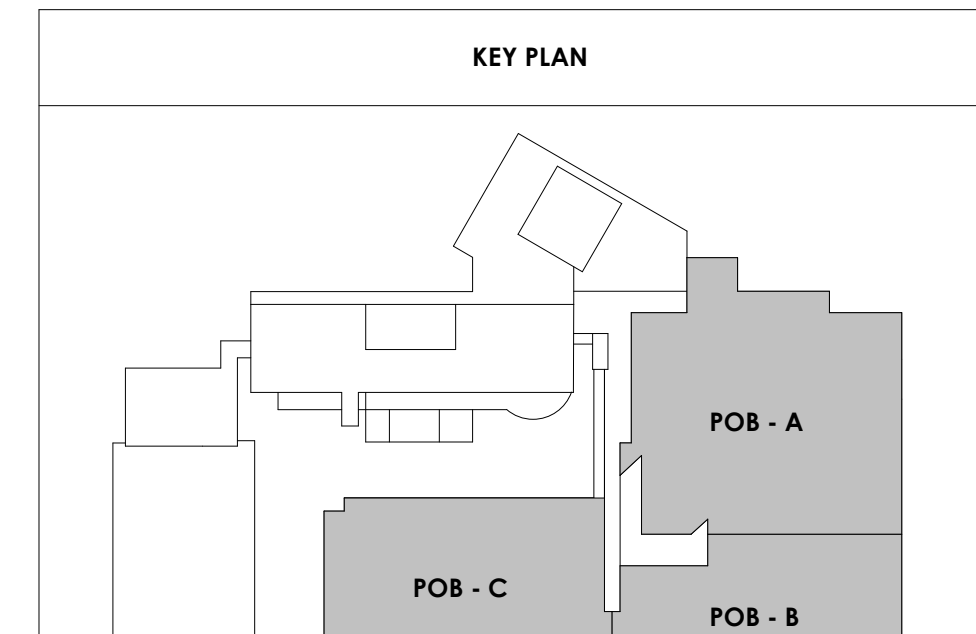
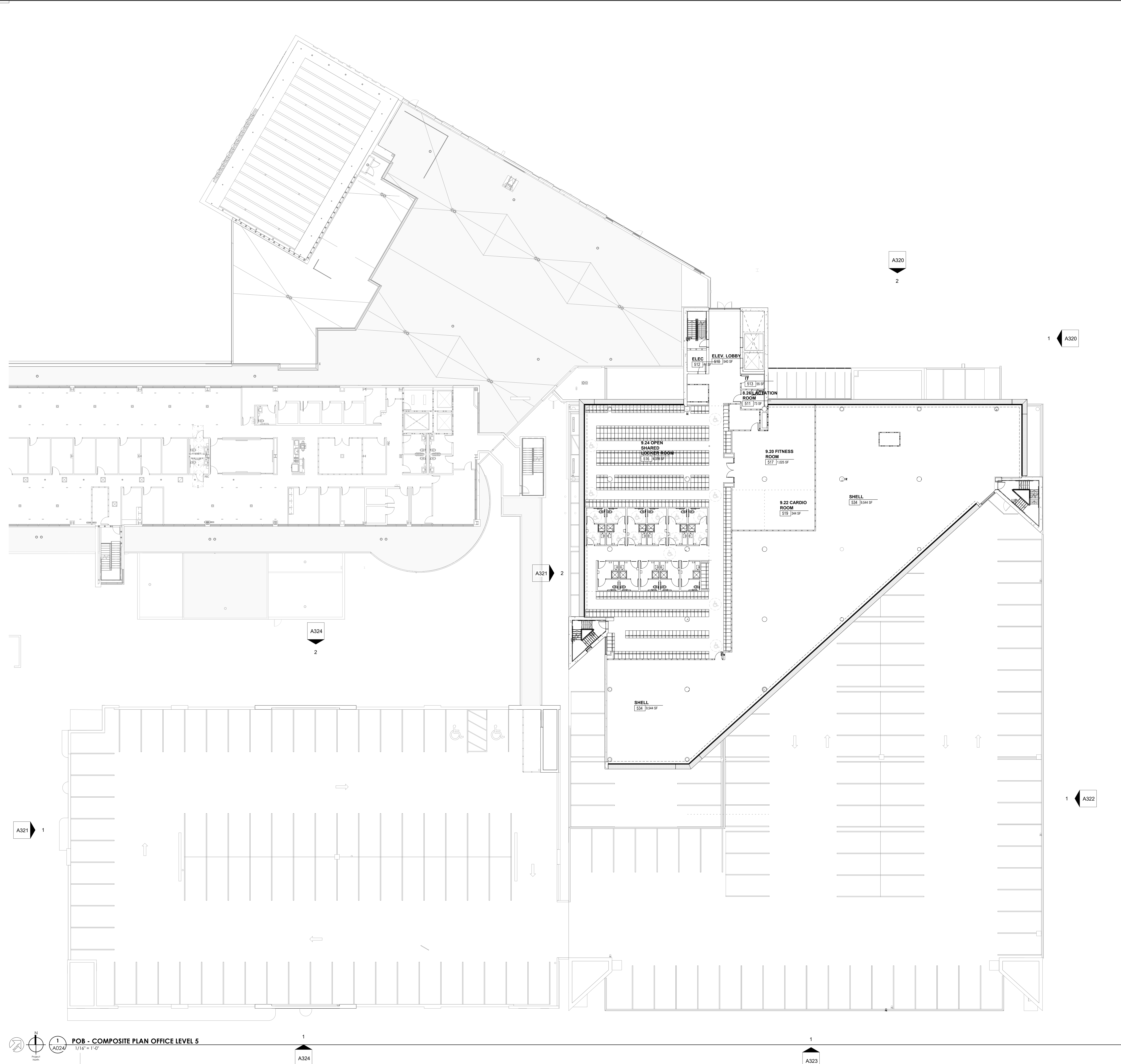
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POB - COMPOSITE PLAN OFFICE LEVEL 5

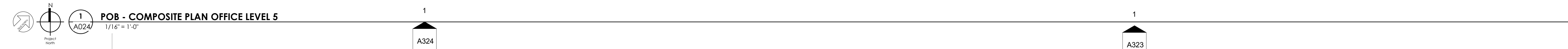
WALL LEGEND	
	2 HR PARTITION (ASSEMBLY VARIES)
	1 HR PARTITION (ASSEMBLY VARIES)
	BALLISTIC LEVEL 3 PARTITION (ASSEMBLY VARIES)
	NEW PARTITION (ASSEMBLY VARIES)
	EXISTING PARTITION
	EXISTING PARTITION TO BE DEMOLISHED

FLOOR PLAN GENERAL NOTES

- Refer to furniture plans for owner provided furnishings.
- Provide non-combustible blocking as required for all wall cabinets, wall hung sinks, shelving standards, countertops, toilet accessories, supports, and equipment per manufacturers recommendations.
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- At shell space exterior walls, install R-19 FSK insulation only, no drywall required.
- At fire-rated shell space walls, interior drywall to receive first coat of compound only.



3/3/2021 5:45:11 PM
POB - COMPOSITE PLAN OFFICE LEVEL 5
1/16" = 1'-0"





Project Information:

19018

COK SAFETY BUILDING

900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:

Architects Design Group

#	ISSUE	DATE
3	ADD #03.1	02/24/21
4	ADD #04.1	03/03/21

Issue Date:	FEBRUARY 1, 2021
PK:	DAVID COLLINS
PM:	JOHN THURMAN
PA:	LAUREN BUSH /
Drawn By:	Author
Checked By:	BP

Drawing Info:

A025

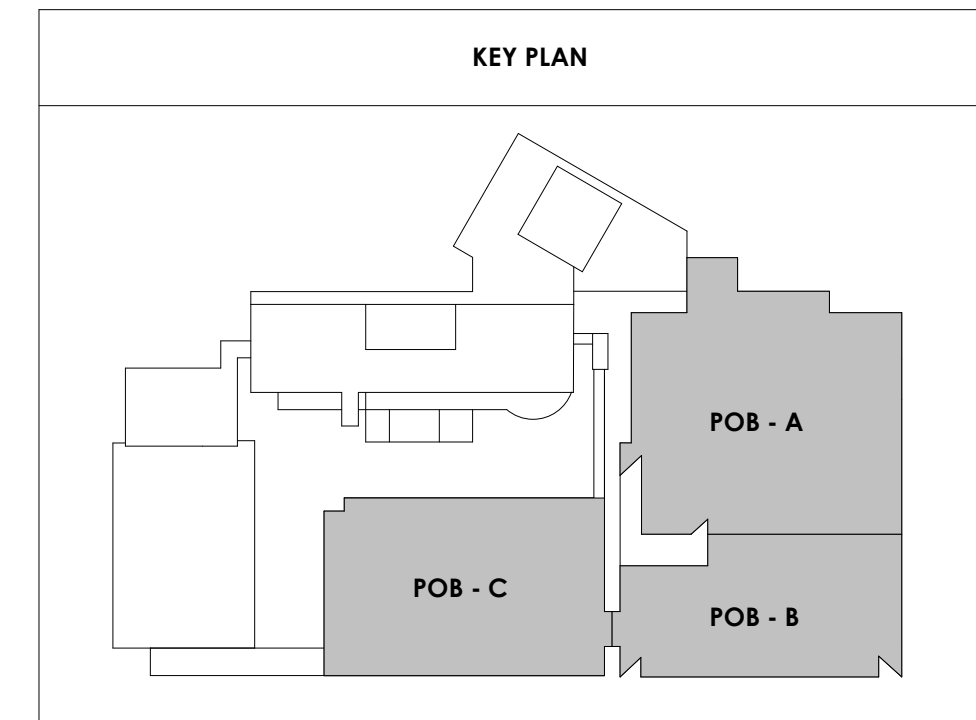
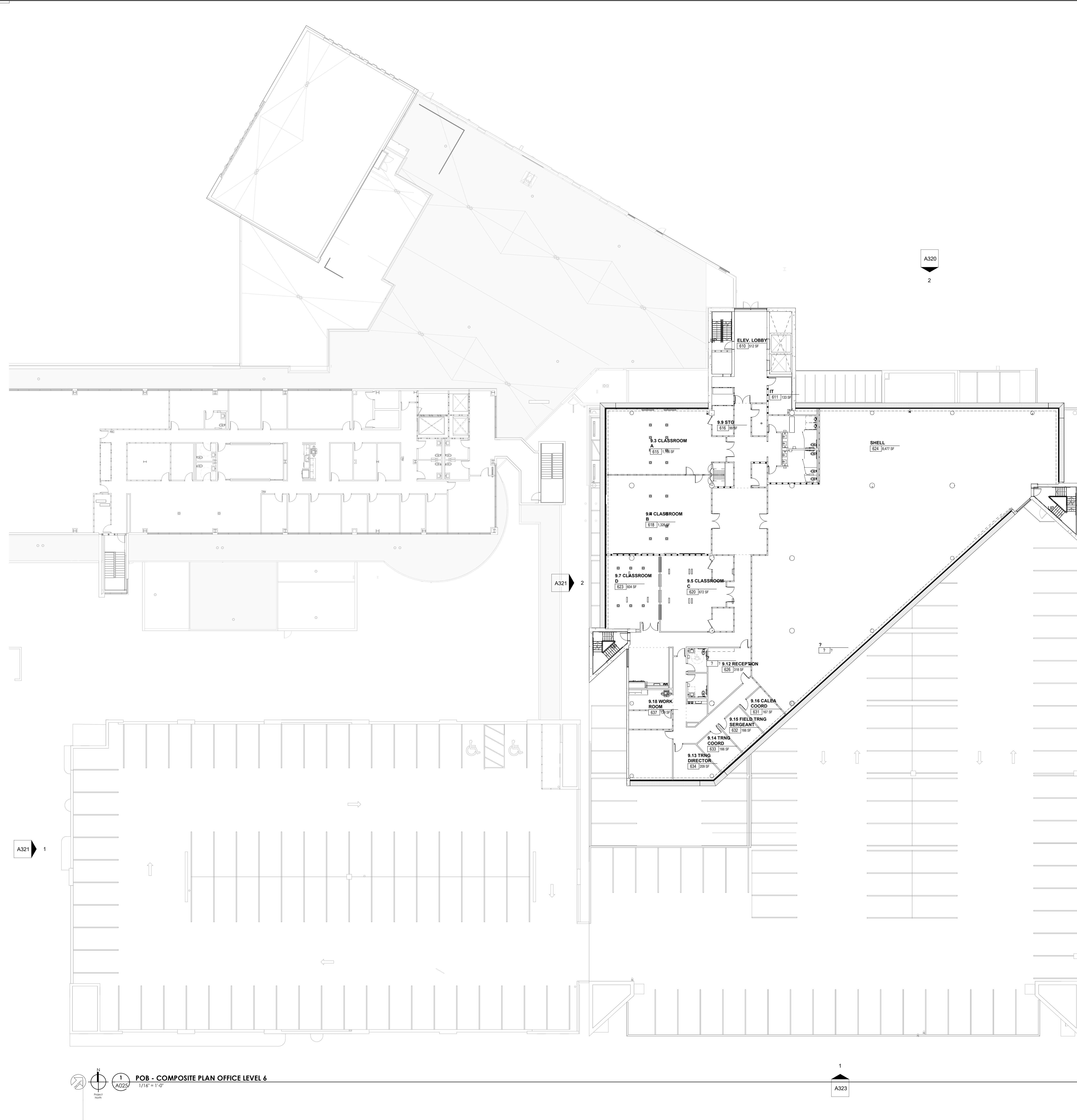
POB - COMPOSITE PLAN OFFICE LEVEL 6

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WALL LEGEND	
	2 HR PARTITION (ASSEMBLY VARIES)
	1 HR PARTITION (ASSEMBLY VARIES)
	BALLISTIC LEVEL 3 PARTITION (ASSEMBLY VARIES)
	NEW PARTITION (ASSEMBLY VARIES)
	EXISTING PARTITION
	EXISTING PARTITION TO BE DEMOLISHED

FLOOR PLAN GENERAL NOTES

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- Provide caulking at intersection of all dissimilar materials.
- GC shall provide non-combustible blocking and power/junction box at all wall-mounted TVs. coordinate final locations with furniture & equipment and technology drawings, and owner.
- Stagger all back to back outlets at sound and security walls.
- The rough opening of a new door graphically shown in the corner of a room undimensioned shall be 0" or 4" (as graphically indicated on plans) from the inside corner of stud, unless noted or dimensioned otherwise on the floor plan.
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- At shell space exterior walls, install R-19 FSK insulation only, no drywall required.
- At fire-rated shell space walls, interior drywall to receive first coat of compound only.





Project Information:

19018

COK SAFETY BUILDING

900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:

Architects Design Group

#	ISSUE	DATE
3	ADD #03.1	02/24/21
4	ADD #04.1	03/03/21

Issue Date:	FEBRUARY 1, 2021
PI:	DAVID COLLINS
PM:	JOHN THURMAN
PA:	LAUREN BUSH /
Drawn By:	Author
Checked By:	BP

Drawing Info:

A026

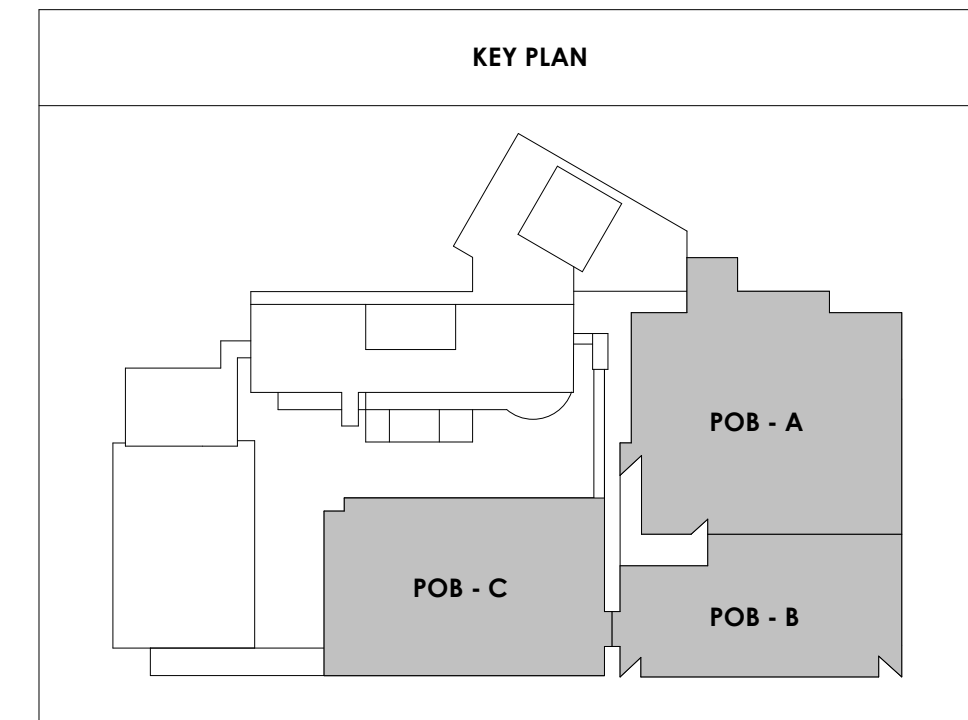
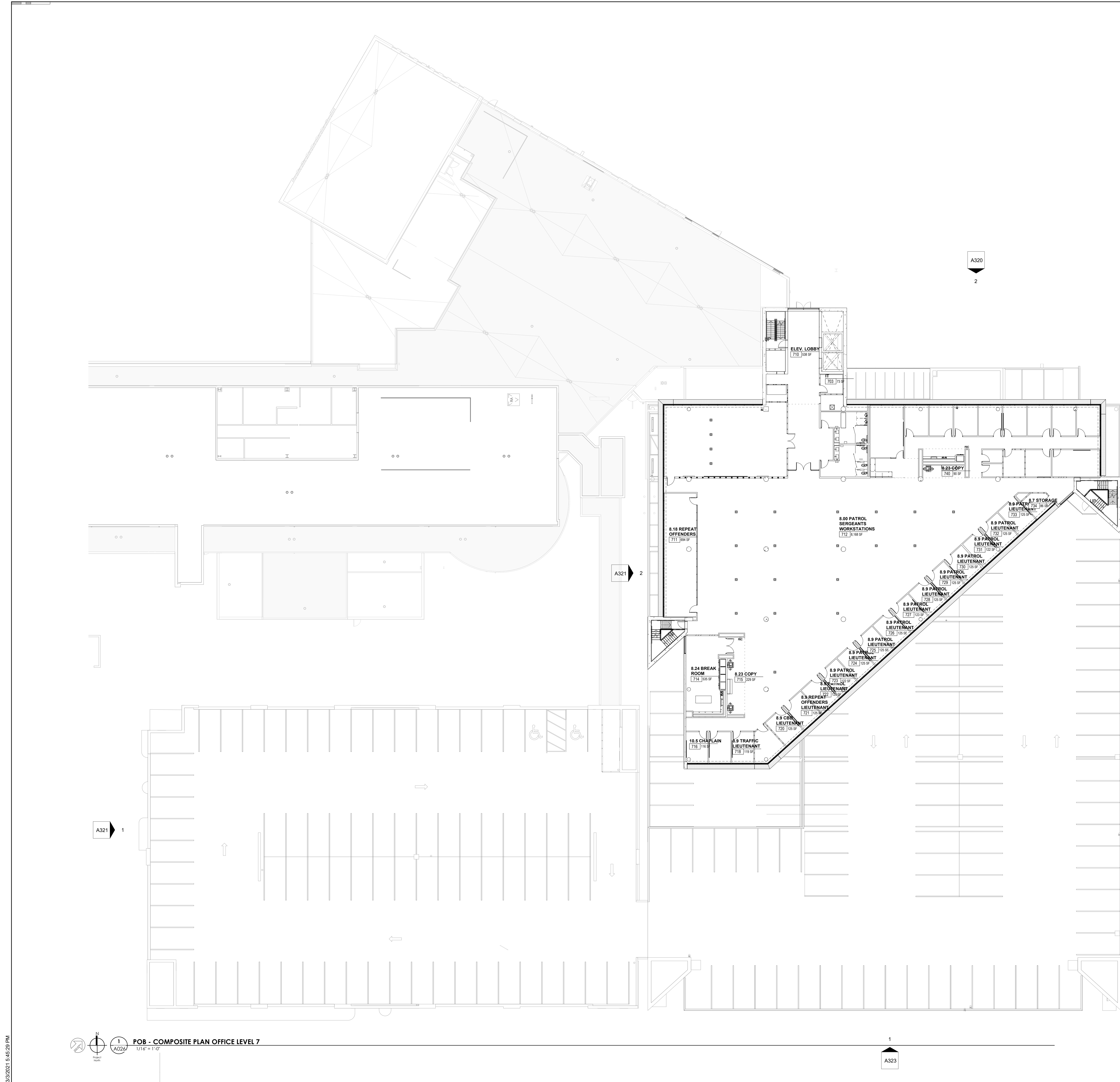
POB - COMPOSITE PLAN OFFICE LEVEL 7

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WALL LEGEND	
	2 HR PARTITION (ASSEMBLY VARIES)
	1 HR PARTITION (ASSEMBLY VARIES)
	BALLISTIC LEVEL 3 PARTITION (ASSEMBLY VARIES)
	NEW PARTITION (ASSEMBLY VARIES)
	EXISTING PARTITION
	EXISTING PARTITION TO BE DEMOLISHED

FLOOR PLAN GENERAL NOTES

- Refer to furniture plans for owner provided furnishings.
- Provide non-combustible blocking as required for all wall cabinets, wall hung sinks, shelving standards, countertops, toilet accessories, supports, and equipment per manufacturers recommendations.
- All partition drywall joints shall be mudded, taped and sanded smooth with no visible joints to Level 4 finish.
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- Stagger all back to back outlets at sound and security walls.
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- The rough opening of a new door graphically shown in the center of a wall undimensioned shall be centered on the wall, unless noted or dimensioned otherwise on the floor plan.
- Provide grommet in casework countertops at all locations where power and/or communications are located below - refer to electrical.
- All equipment opening dimensions and details shall be verified by the manufacturer prior to the execution of any work affected by the same equipment.
- The finish face of material of new partitions shall align on both sides of the partition with the face of the materials on existing columns, walls, or partitions, unless noted otherwise.
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- At shell space exterior walls, install R-19 FSK insulation only, no drywall required.
- At fire-rated shell space walls, interior drywall to receive first coat of compound only.



3/3/2021 5:42:29 PM

POB - COMPOSITE PLAN OFFICE LEVEL 7
1/16" = 1'-0"
A026

A323

A321 1

A321 2

A320 2

A320 1

A322 1



Project Information:

19018

COK SAFETY BUILDING

900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:

Architects Design Group

#	ISSUE	DATE
3	ADD #03.1	02/24/21
4	ADD #04.1	03/03/21

Issue Date:	FEBRUARY 1, 2021
PIC:	DAVID COLLINS
PM:	JOHN THURMAN
PA:	LAUREN BUSH /
Drawn By:	Author
Checked By:	BP

Drawing Info:

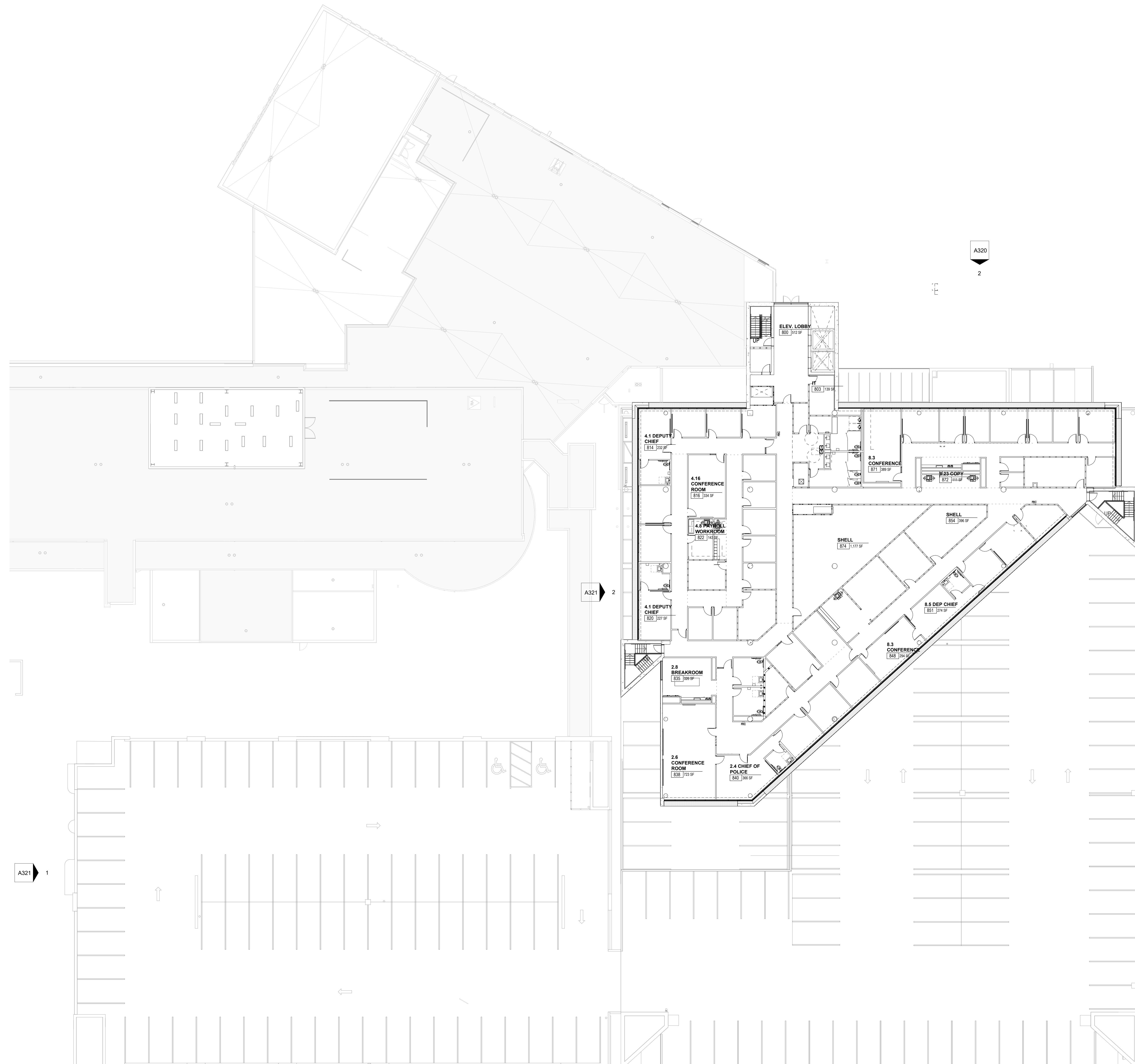
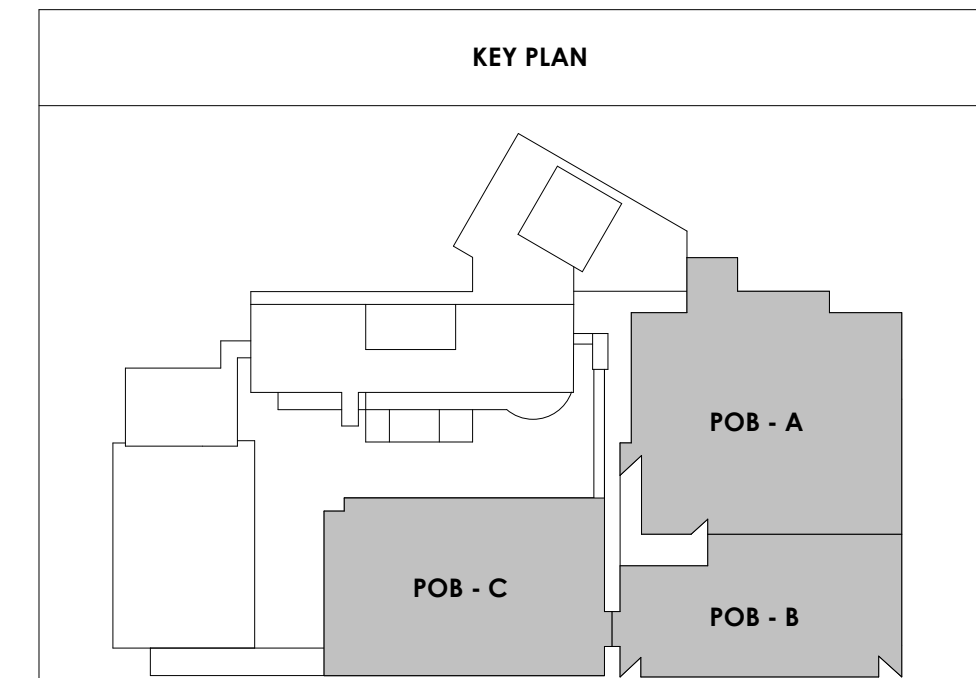
A027

POB - COMPOSITE PLAN OFFICE LEVEL 8

WALL LEGEND	
	2 HR PARTITION (ASSEMBLY VARIES)
	1 HR PARTITION (ASSEMBLY VARIES)
	BALLISTIC LEVEL 3 PARTITION (ASSEMBLY VARIES)
	NEW PARTITION (ASSEMBLY VARIES)
	EXISTING PARTITION
	EXISTING PARTITION TO BE DEMOLISHED

FLOOR PLAN GENERAL NOTES

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- All equipment opening dimensions and details shall be verified by the manufacturer prior to the execution of any work affected by the same equipment.
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- At shell space exterior walls, install R-19 FSK insulation only, no drywall required.
- At fire-rated shell space walls, interior drywall to receive first coat of compound only.



POB - COMPOSITE PLAN OFFICE LEVEL 8
1/16" = 1'-0"



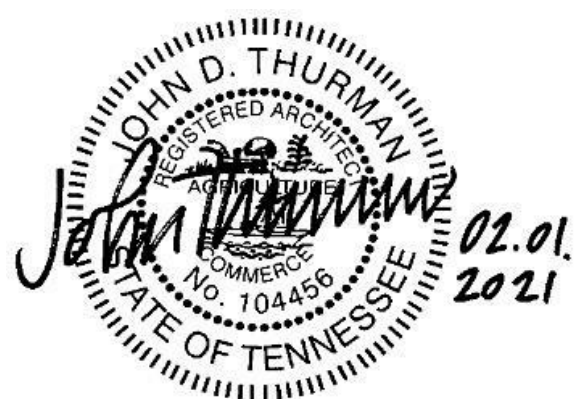
Project Information:

19018

COK SAFETY BUILDING

900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:

Architects Design Group

#	ISSUE	DATE
3	ADD #03.1	02/24/21
4	ADD #04.1	03/03/21

Issue Date:	FEBRUARY 1, 2021
PIC:	DAVID COLLINS
PM:	JOHN THURMAN
PA:	LAUREN BUSH /
Drawn By:	Author
Checked By:	BP

Drawing Info:

A028

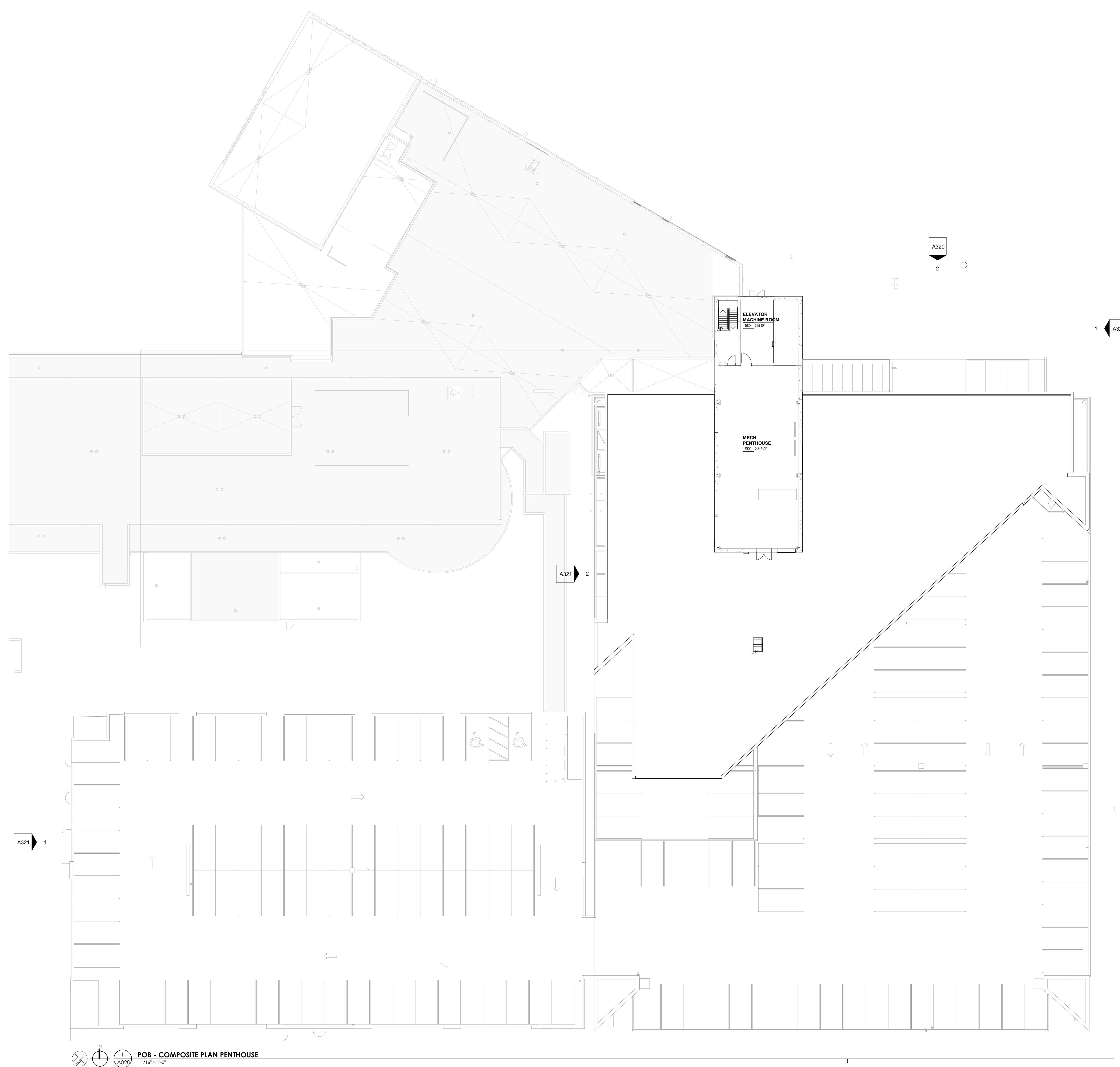
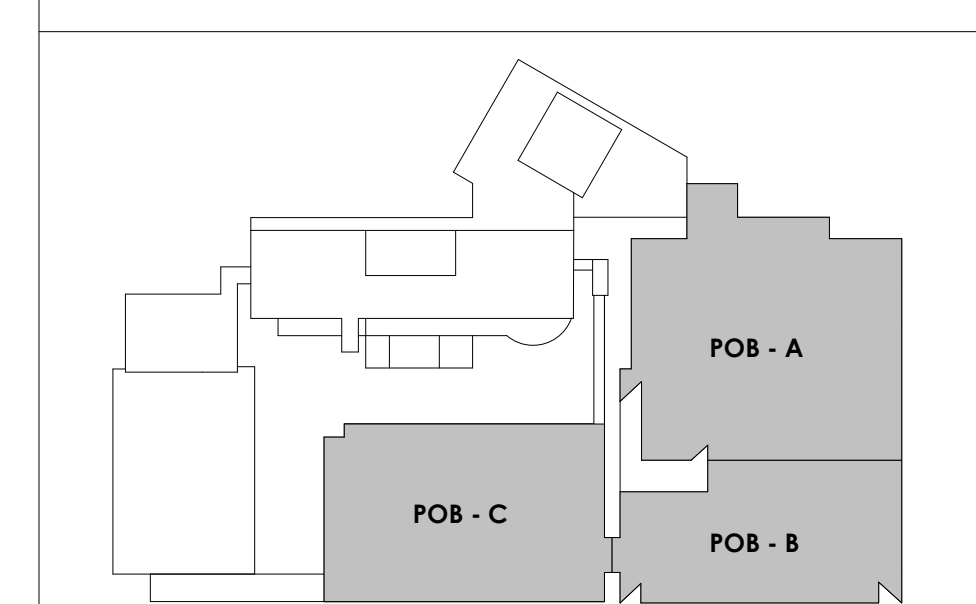
POB - COMPOSITE PLAN PENTHOUSE

WALL LEGEND	
	2 HR PARTITION (ASSEMBLY VARIES)
	1 HR PARTITION (ASSEMBLY VARIES)
	BALLISTIC LEVEL 3 PARTITION (ASSEMBLY VARIES)
	NEW PARTITION (ASSEMBLY VARIES)
	EXISTING PARTITION
	EXISTING PARTITION TO BE DEMOLISHED

FLOOR PLAN GENERAL NOTES

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- Provide caulking at intersection of all dissimilar materials.
- GC shall provide non-combustible blocking and power/junction box at all wall-mounted TVs. coordinate final locations with furniture & equipment and technology drawings, and owner.
- Stagger all back to back outlets at sound and security walls.
- The rough opening of a new door graphically shown in the corner of a room undimensioned shall be 0" or 4" (as graphically indicated on plans) from the inside corner of stud, unless noted or dimensioned otherwise on the floor plan.
- The rough opening of a new door graphically shown in the center of a wall undimensioned shall be centered on the wall, unless noted or dimensioned otherwise on the floor plan
- Provide grommet in casework countertops at all locations where power and/or communications are located below - refer to electrical
- All equipment opening dimensions and details shall be verified by the manufacturer prior to the execution of any work affected by the same equipment.
- The finish face of material of new partitions shall align on both sides of the partition with the face of the materials on existing columns, walls, or partitions, unless noted otherwise.
- All piping above grade and inside the building required by the Construction Documents shall be installed in areas where it will be concealed. The Contractor shall consult with the Architect and coordinate with other trades to provide furring for piping installed in finish areas.
- All exterior POB walls cavities to receive new closed cell spray foam insulation (R-20 MIN.). Seal tight behind wall sheathing.
- Patch and repair interior CMU walls at existing Mechanical rooms where rough-in piping and ductwork had been removed.
- Repair existing exterior metal studs as needed - Refer to Structural for requirements.
- All existing metal stud walls to receive new R-19 batt insulation and 5/8" drywall to deck.
- Provide mineral wool and fire caulk at all perimeter walls of Central Annex and Women's Pavilion to meet Hilti UL detail CEJ-316-P for EFIS exterior wall finish or CEJ-314-P for masonry exterior wall finish.
- At shell space exterior walls, install R-19 FSK insulation only, no drywall required.
- At fire-rated shell space walls, interior drywall to receive first coat of compound only.

KEY PLAN



POB - COMPOSITE PLAN PENTHOUSE
1/16" = 1'-0"
A028



Project Information:

19018

COK SAFETY BUILDING

900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:

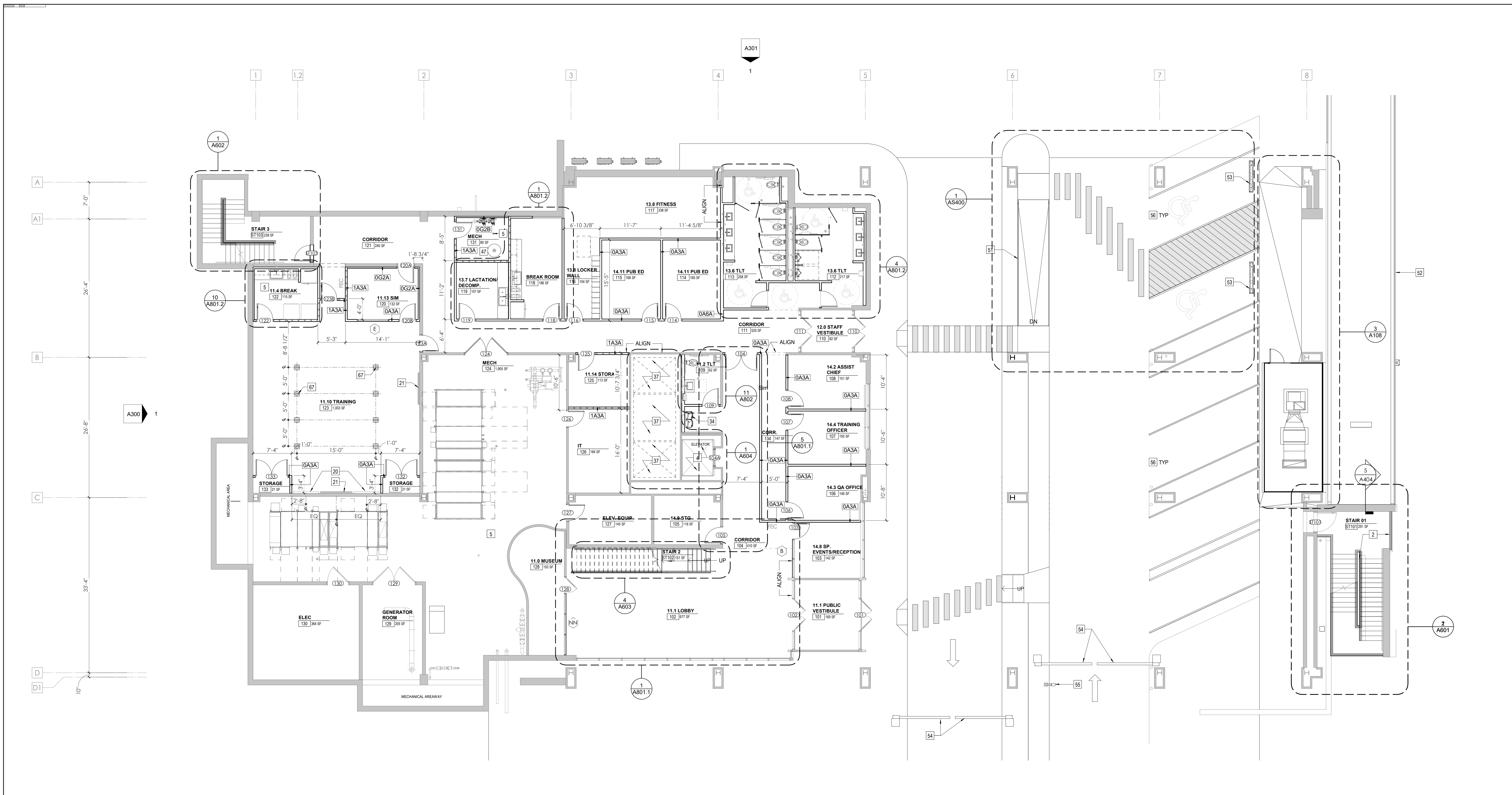
Architects Design Group

#	ISSUE	DATE
2	ADD #02.1	02/17/21
4	ADD #04.1	03/03/21

Issue Date:	FEBRUARY 1, 2021
PKC:	DAVID COLLINS
PM:	JOHN THURMAN
PA:	LAUREN BUSH / M LABBE
Drawn By:	M LABBE
Checked By:	B. PIERCY
Drawing Info:	

A101

WP - FIRST LEVEL FLOOR PLAN



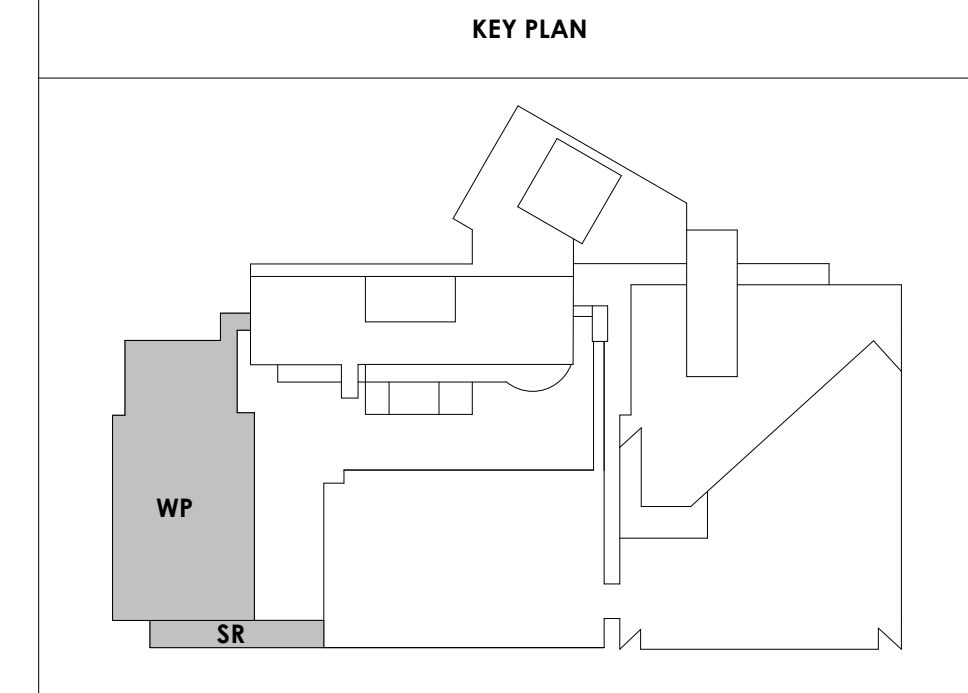
2 **WOMENS PAVILION FIRST LEVEL - FLOOR PLAN**
1/8" = 1'-0"

Tag	Text
1	SOFFIT ABOVE (DASHED)
2	EXISTING EGRESS STAIR TO REMAIN - PREP & PAINT EXISTING HANDRAILS, STAIR, & WALLS TO REMAIN
3	EXISTING ELEVATOR TO BE MODIFIED/REPLACED AS REQUIRED TO REACH ALL FOUR (4) FLOORS. SEE ELEVATOR PLANS & DETAILS SHEET FOR INFO.
4	EXISTING ELEVATOR TO BE REFURBISHED AS REQUIRED - SEE ELEVATOR PLANS & DETAILS FOR INFO
5	NEW FLOOR DRAIN - REFER TO PLUMBING
6	SHADED AREA DENOTES NEW CONCRETE SLAB - REFER TO STRUC.
7	BALLISTIC LEVEL 3 RATING AND GLAZING - 8'-0" AFF MINIMUM
8	MOBILE VEHICLE LIFT
9	OVERHEAD COILING DOOR
10	OWNER PROVIDED WOOD PEW SEATING - N.I.C.
11	OWNER PROVIDED 36" DEEP OPEN SHELVING - N.I.C.
12	18" X 24" X 72" HEAVY DUTY LOCKER WITH DRAWER/ BENCH (TYPE 1)
13	18" X 24" X 72" HEAVY DUTY THREE TIER LOCKERS (TYPE 2)
14	NEW PASS THRU LOCKERS - TYPE 3
15	RECESSED SIDE ARMS LOCKERS (ONE FOUR DOOR UNIT AT EACH DOOR)
16	PUBLIC WEAPONS STG LOCKERS - TABLET PHONE WALL LOCKERS WITH 12 DOORS (TYPE 5)
17	CANOPY ABOVE (DASHED)
18	OWNER PROVIDED SYSTEMS FURNITURE - N.I.C.
19	OWNER PROVIDED COPIER - N.I.C.
20	PROVIDE RED BLOTTING FOR LOCATIONS WHERE WALL MOUNTED TV MONITORS ARE LOCATED. REFER TO EQUIPMENT PLANS FOR LOCATIONS
21	PROVIDE REQUIRED BLOCKING FOR ALL MARKER BOARD LOCATIONS
22	KNOX BOX (RECESSED)
23	RECESSED CELL PHONE LOCKERS TO MATCH METAL WALL PANEL
24	METAL DETECTOR ENTRY SECURITY
25	MOP SINK - SEE PLUMBING
26	18" DEEP BOOKSHELVES
27	12" DEEP COUNTER ON L2X2X1/4" HEAVY DUTY WELDED ANGLE SUPPORT BRACKETS
28	24" DEEP COUNTER ON L2X2X1/4" HEAVY DUTY WELDED ANGLE SUPPORT BRACKETS
29	30" DEEP COUNTER ON L2X2X1/4" HEAVY DUTY WELDED ANGLE SUPPORT BRACKETS
30	18" DEEP COUNTER ON L2X2X1/4" HEAVY DUTY WELDED ANGLE SUPPORT BRACKETS
31	PROVIDE NEW HANDRAILS, GUARDRAILS AND EGRESS STAIR ILLUMINATION. PREP AND PAINT EXISTING STAIR & WALLS TO REMAIN
32	OPERABLE FOLDING PARTITION

Tag	Text
33	NEW DROP BOX
34	HIGH LOW WATER COOLER
35	OWNER PROVIDED HIGH DENSITY MOBILE STORAGE SYSTEM AND OVERSLAB RAILS
36	6" DEEP COUNTER
37	ABANDON EXISTING ELEVATOR
38	EXISTING FULL HEIGHT SPANDREL PANEL
39	TWO-WAY COMMUNICATOR (BLACK FINISH), PROVIDE CUTSHEET AND VERIFY COLOR SELECTION WITH MFR PRIOR TO PURCHASE - BASIS OF DESIGN AUTHORITY BY C.R. LAURENCE
40	OWNER PROVIDED REFRIGERATOR, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
41	OWNER PROVIDED REFRIGERATION UNDERCOUNTER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
42	OWNER PROVIDED BUNN COFFEE MAKER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
43	OWNER PROVIDED MICROWAVE UNDERCOUNTER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
44	OWNER PROVIDED UNDERCOUNTER DISHWASHER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
45	OWNER PROVIDED COOKTOP AND HOOD, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
46	OWNER PROVIDED ICE MAKER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
47	NEW WATER HEATER - SEE PLUMBING
48	WALL MOUNTED MOP & BROOM HOLDER
49	8'-0" X TRANSPARENT FILM TO INSIDE FACE OF GLAZING
50	IMPACT RESISTANT STEEL BOLLARD - GENERAL LOCATION SHOWN. COORDINATE LOCATION TO CIVIL. REFER TO DETAIL DRAWING.
51	NEW CONCRETE RAMP. SEE SITE DETAILS AS400 & STRUCTURAL DRAWINGS FOR INFO.
52	NEW SHOOTING RANGE. SEE SHOOTING RANGE PLANS A108 FOR INFO.
53	PROVIDE WHEEL STOPS AT ACCESSIBLE PARKING LOCATIONS
54	NEW CEILING ARM. SEE ELECTRICAL PLAN FOR ADDITIONAL INFORMATION
55	NEW BADGE IN ACCESS READER. SEE SHEET AS120 AND ELECTRICAL FOR ADDITIONAL INFORMATION
56	RESTRIPE PARKING TO ACCOMMODATE FOR ACCESSIBLE PARKING SPACES SHOWN. REFER TO CIVIL FOR ADA SIGNAGE AND PARKING SYMBOLS
57	NEW TRENCH DRAIN - SEE PLUMBING
58	NEW HOSE BIB - SEE PLUMBING
59	EYE WASH - SEE PLUMBING
60	1" FLUSH FLOOR TO FLOOR 2 HR EXPANSION JOINT (TYPE 1) TO MATCH ADJACENT TILE - SEE STRUC AND DETAILS ON A111.2

Tag	Text
61	1" FLUSH FLOOR TO FLOOR 2 HR EXPANSION JOINT (TYPE 2) TO MATCH ADJACENT CARPET - SEE STRUC AND DETAILS ON A111.2
62	1" FLUSH FLOOR TO WALL 2 HR EXPANSION JOINT (TYPE 3) TO MATCH ADJACENT CARPET - SEE STRUC AND DETAILS ON A111.2
63	1" FLUSH FLOOR TO WALL 2 HR EXPANSION JOINT (TYPE 4) TO MATCH ADJACENT TILE - SEE STRUC AND DETAILS ON A111.2
64	1" FLUSH WALL/CEILING TO WALL/CEILING EXPANSION JOINT (TYPE 5) TO MATCH ADJACENT PAINT COLOR - SEE STRUC AND DETAILS ON A111.2
65	1" EXPANSION JOINT (TYPE 6) TO MATCH ADJACENT BRICK - SEE STRUC AND DETAILS
66	ADA PUSH BUTTON
67	FLOOR BOX - VERIFY FINAL LOCATION PRIOR TO INSTALLION W/ ARCHITECT. COORDINATE W/ SYSTEMS FURNITURE - SEE ELECTRICAL
68	OWNER PROVIDED VENDING MACHINE, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
69	CEILING MOUNTED TV. PROVIDE NECESSARY MOUNTING HARDWARE - SEE ELECTRICAL AND TELECOMMUNICATIONS
70	OWNER PROVIDED MICROWAVE, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
71	24" DEEP STAINLESS STEEL PASS THROUGH COUNTER INSTALLED 34" A.F.F. SEE ENLARGED PLANS FOR INFO.

WALL LEGEND	
	2 HR PARTITION (ASSEMBLY VARIES)
	1 HR PARTITION (ASSEMBLY VARIES)
	BALLISTIC LEVEL 3 PARTITION (ASSEMBLY VARIES)
	NEW PARTITION (ASSEMBLY VARIES)
	EXISTING PARTITION
	EXISTING PARTITION TO BE DEMOLISHED





Project Information:

19018

COK SAFETY BUILDING

900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:

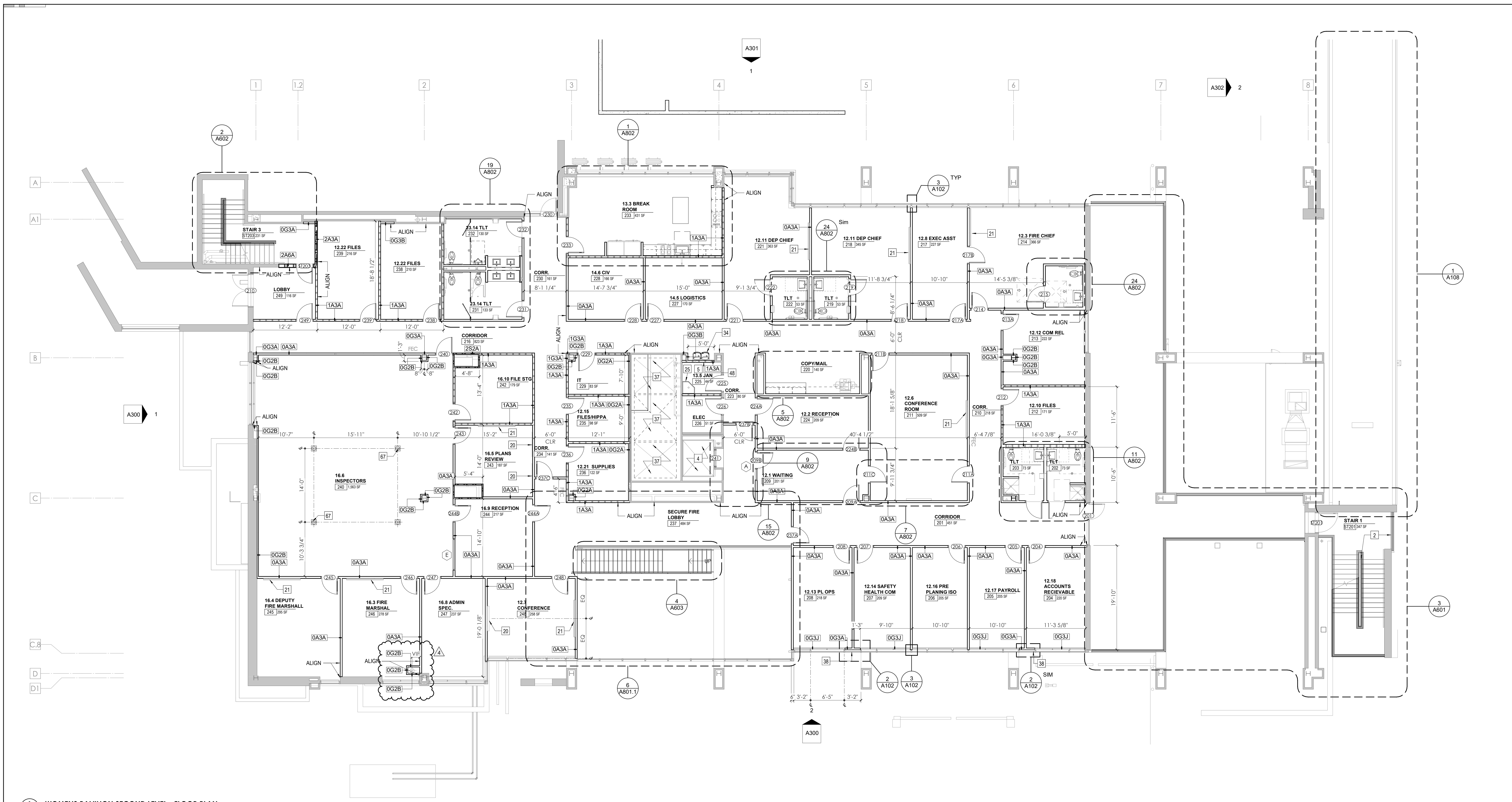
Architects Design Group

#	ISSUE	DATE
2	ADD #02.1	02/17/21
4	ADD #04.1	03/03/21

Issue Date: FEBRUARY 1, 2021
 PIC: DAVID COLLINS
 PM: JOHN THURMAN
 PA: LAUREN BUSH / M LABBE
 Drawn By: M LABBE
 Checked By: B. PIERCY
 Drawing Info:

A102

WP - SECOND LEVEL FLOOR PLAN

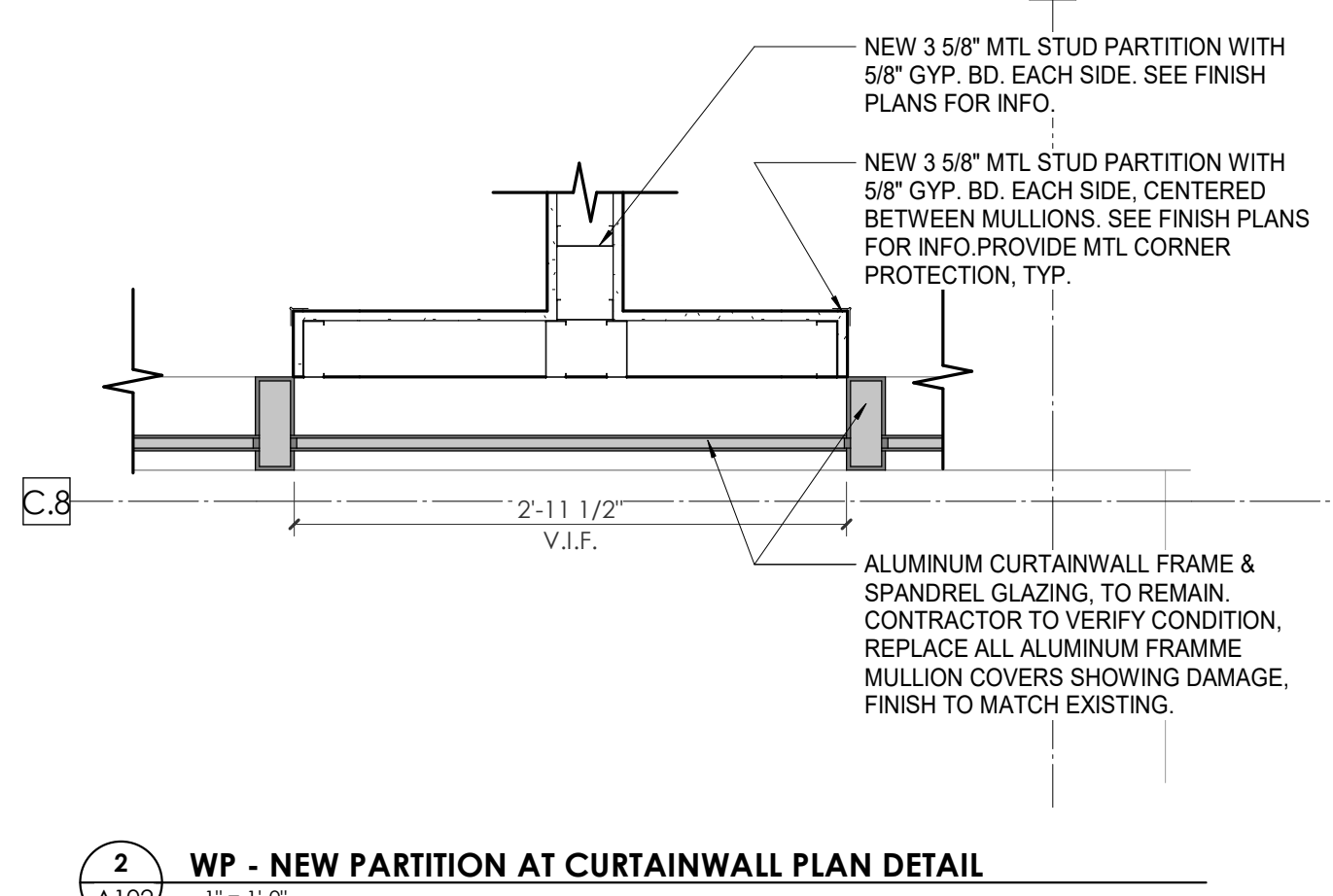


1 A102 WOMENS PAVILION SECOND LEVEL - FLOOR PLAN
1/8" = 1'-0"

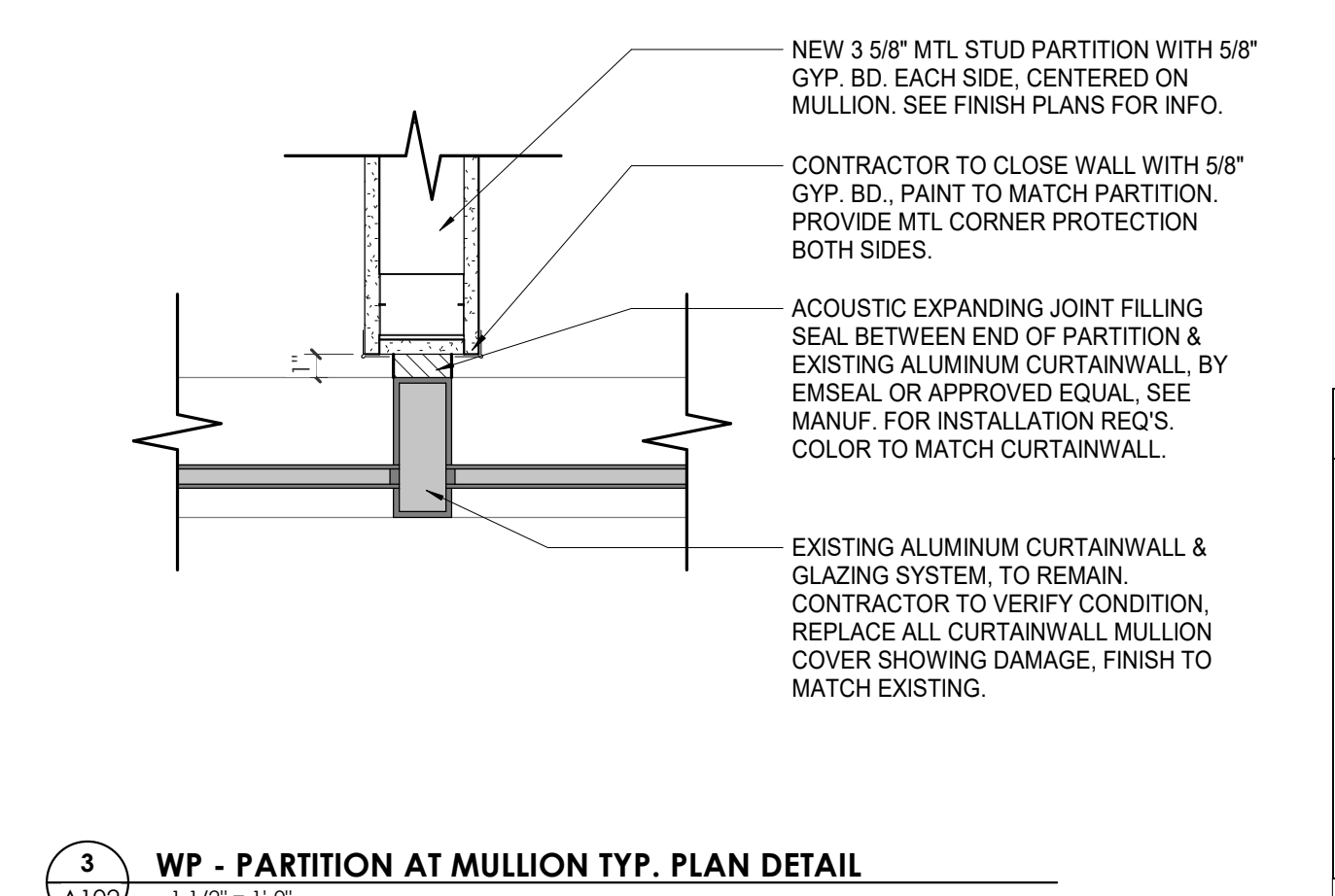
Tag	KEYNOTES - FLOOR PLANS
1	SOFFIT ABOVE (DASHED)
2	EXISTING EGRESS STAIR TO REMAIN - PREP & PAINT EXISTING HANDRAILS, STAIR, & WALLS TO REMAIN
3	EXISTING ELEVATOR TO BE MODIFIED/REPLACED AS REQUIRED TO REACH ALL FOUR (4) FLOORS. SEE ELEVATOR PLANS & DETAILS SHEET FOR INFO.
4	EXISTING ELEVATOR TO BE REFURBISHED AS REQUIRED - SEE ELEVATOR PLANS & DETAILS FOR INFO
5	NEW FLOOR DRAIN - REFER TO PLUMBING
6	SHADED AREA DENOTES NEW CONCRETE SLAB - REFER TO STRUC.
7	BALLISTIC LEVEL 3 RATING AND GLAZING - 8'-0" AFF MINIMUM
8	MOBILE VEHICLE LIFT
9	OVERHEAD COILING DOOR
10	OWNER PROVIDED WOOD PEW SEATING - N.I.C.
11	OWNER PROVIDED 36" DEEP OPEN SHELVING - N.I.C.
12	18" X 24" X 72" HEAVY DUTY LOCKER WITH DRAWER/ BENCH (TYPE 1)
13	18" X 24" X 72" HEAVY DUTY THREE TIER LOCKERS (TYPE 2)
14	NEW PASS THRU LOCKERS - TYPE 3
15	RECESSED SIDE ARMS LOCKERS (ONE FOUR DOOR UNIT AT EACH DOOR)
16	PUBLIC WEAPONS STG LOCKERS - TABLET PHONE WALL LOCKERS WITH 12 DOORS (TYPE 5)
17	CANOPY ABOVE (DASHED)
18	OWNER PROVIDED SYSTEMS FURNITURE - N.I.C.
19	OWNER PROVIDED COPIER - N.I.C.
20	PROVIDE RED BLOTTING FOR LOCATIONS WHERE WALL MOUNTED TV MONITORS ARE LOCATED. REFER TO EQUIPMENT PLANS FOR LOCATIONS
21	PROVIDE REQUIRED BLOCKING FOR ALL MARKER BOARD LOCATIONS
22	KNOX BOX (RECESSED)
23	RECESSED CELL PHONE LOCKERS TO MATCH METAL WALL PANEL
24	METAL DETECTOR ENTRY SECURITY
25	MOP SINK - SEE PLUMBING
26	18" DEEP BOOKSHELVES
27	12" DEEP COUNTER ON L2X2X1/4" HEAVY DUTY WELDED ANGLE SUPPORT BRACKETS
28	24" DEEP COUNTER ON L2X2X1/4" HEAVY DUTY WELDED ANGLE SUPPORT BRACKETS
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31	PROVIDE NEW HANDRAILS, GUARDRAILS AND EGRESS STAIR ILLUMINATION. PREP AND PAINT EXISTING STAIR & WALLS TO REMAIN
32	OPERABLE FOLDING PARTITION

Tag	KEYNOTES - FLOOR PLANS
33	NEW DROP BOX
34	HIGH LOW WATER COOLER
35	OWNER PROVIDED HIGH DENSITY MOBILE STORAGE SYSTEM AND OVERSLAB RAILS
36	6" DEEP COUNTER
37	ABANDON EXISTING ELEVATOR
38	EXISTING FULL HEIGHT SPANDREL PANEL
39	TWO-WAY COMMUNICATOR (BLACK FINISH), PROVIDE CUTSHEET AND VERIFY COLOR SELECTION WITH MFR PRIOR TO PURCHASE - BASIS OF DESIGN AUTHUS BY C.R. LAURENCE
40	OWNER PROVIDED REFRIGERATOR, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
41	OWNER PROVIDED REFRIGERATION UNDERCOUNTER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
42	OWNER PROVIDED BUNN COFFEE MAKER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
43	OWNER PROVIDED MICROWAVE UNDERCOUNTER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
44	OWNER PROVIDED UNDERCOUNTER DISHWASHER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
45	OWNER PROVIDED COOKTOP AND HOOD, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
46	OWNER PROVIDED ICE MAKER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
47	NEW WATER HEATER - SEE PLUMBING
48	WALL MOUNTED MOP & BROOM HOLDER
49	8" X TRANSPARENT EMT 1/4" INSIDE FACE OF GLAZING
50	IMPACT RESISTANT STEEL BOLLARD, GENERAL LOCATION SHOWN. COORDINATE LOCATION TO CIVIL. REFER TO DETAIL A1000.
51	NEW CONCRETE RAMP, SEE SITE DETAILS A300 & STRUCTURAL DRAWINGS FOR INFO.
52	NEW SHOOTING RANGE. SEE SHOOTING RANGE PLANS A108 FOR INFO.
53	PROVIDE WHEEL STOPS AT ACCESSIBLE PARKING LOCATIONS
54	NEW FOLDING ARM. SEE ELECTRICAL PLAN FOR ADDITIONAL INFORMATION
55	NEW BADGE IN ACCESS READER. SEE SHEET A5120 AND ELECTRICAL FOR ADDITIONAL INFORMATION
56	RESTRIPE PARKING TO ACCOMMODATE FOR ACCESSIBLE PARKING SPACES SHOWN. REFER TO CIVIL FOR ADA SIGNAGE AND PARKING SYMBOLS
57	NEW TRENCH DRAIN - SEE PLUMBING
58	NEW HOSE BIB - SEE PLUMBING
59	EYE WASH - SEE PLUMBING
60	1" FLUSH FLOOR TO FLOOR 2 HR EXPANSION JOINT (TYPE 1) TO MATCH ADJACENT TILE - SEE STRUC AND DETAILS ON A111.2

Tag	KEYNOTES - FLOOR PLANS
61	1" FLUSH FLOOR TO FLOOR 2 HR EXPANSION JOINT (TYPE 2) TO MATCH ADJACENT CARPET - SEE STRUC AND DETAILS ON A111.2
62	1" FLUSH FLOOR TO WALL 2 HR EXPANSION JOINT (TYPE 3) TO MATCH ADJACENT CARPET - SEE STRUC AND DETAILS ON A111.2
63	1" FLUSH FLOOR TO WALL 2 HR EXPANSION JOINT (TYPE 4) TO MATCH ADJACENT TILE - SEE STRUC AND DETAILS ON A111.2
64	1" FLUSH WALL/CEILING TO WALL/CEILING EXPANSION JOINT (TYPE 5) TO MATCH ADJACENT PAINT COLOR - SEE STRUC AND DETAILS ON A111.2
65	1" EXPANSION JOINT (TYPE 6) TO MATCH ADJACENT BRICK - SEE STRUC AND DETAILS
66	ADA PUSH BUTTON
67	FLOOR BOX - VERIFY FINAL LOCATION PRIOR TO INSTALLATION W/ ARCHITECT. COORDINATE W/ SYSTEMS FURNITURE - SEE ELECTRICAL
68	OWNER PROVIDED VENDING MACHINE, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
69	CEILING MOUNTED TV. PROVIDE NECESSARY MOUNTING HARDWARE - SEE ELECTRICAL AND TELECOMMUNICATIONS
70	OWNER PROVIDED MICROWAVE, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
71	24" DEEP STAINLESS STEEL PASS THROUGH COUNTER INSTALLED 34" A.F.F. SEE ENLARGED PLANS FOR INFO.

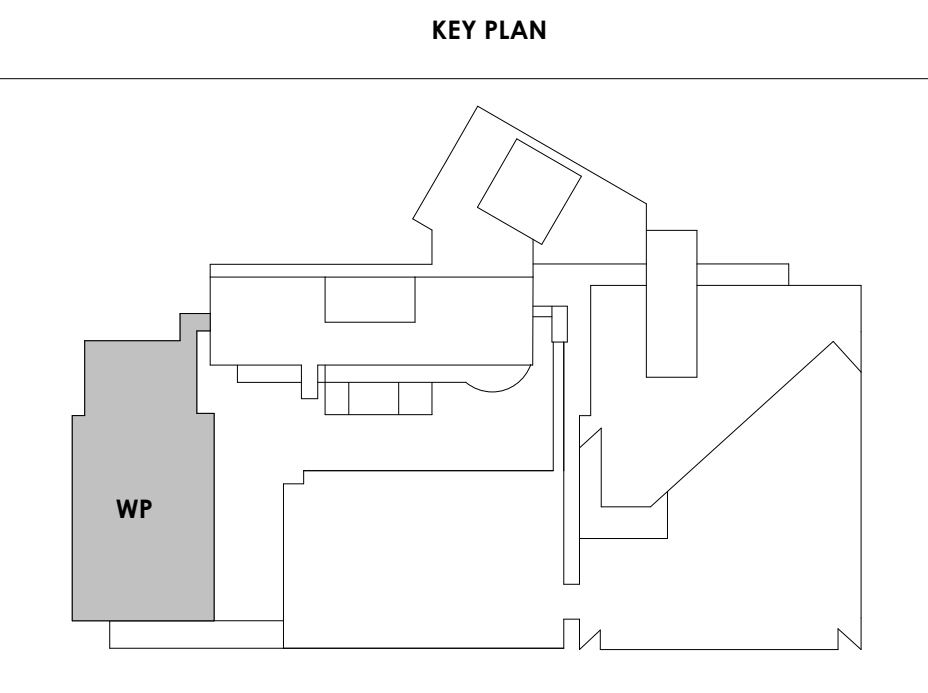


2 A102 WP - NEW PARTITION AT CURTAINWALL PLAN DETAIL
1" = 1'-0"



3 A102 WP - PARTITION AT MULLION TYP. PLAN DETAIL
1 1/2" = 1'-0"

WALL LEGEND	
[Symbol]	2 HR PARTITION (ASSEMBLY VARIES)
[Symbol]	1 HR PARTITION (ASSEMBLY VARIES)
[Symbol]	BALLISTIC LEVEL 3 PARTITION (ASSEMBLY VARIES)
[Symbol]	NEW PARTITION (ASSEMBLY VARIES)
[Symbol]	EXISTING PARTITION
[Symbol]	EXISTING PARTITION TO BE DEMOLISHED



3/2/2021 6:26:23 PM



Project Information:

19018

COK SAFETY BUILDING

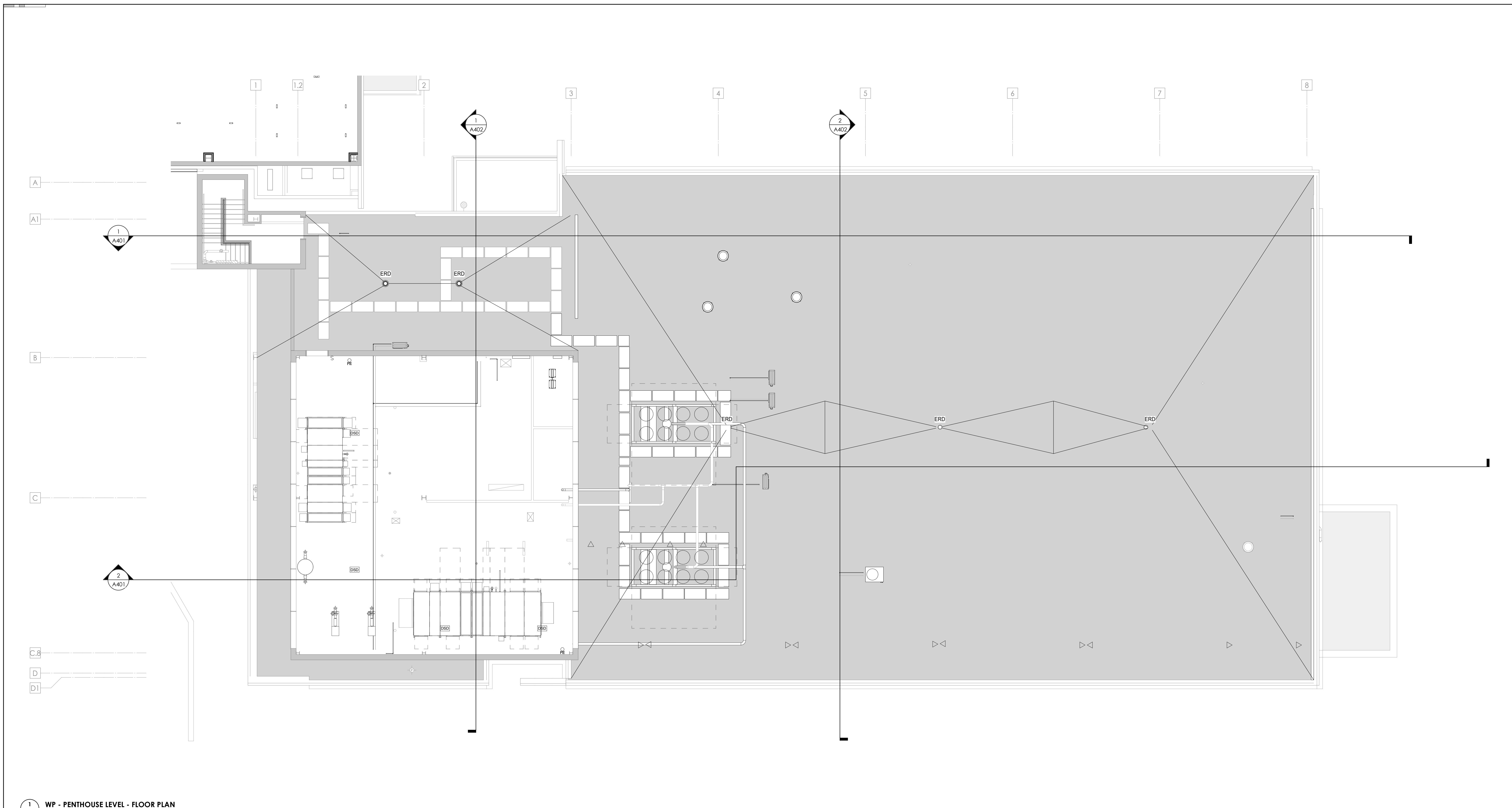
900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:

Architects Design Group



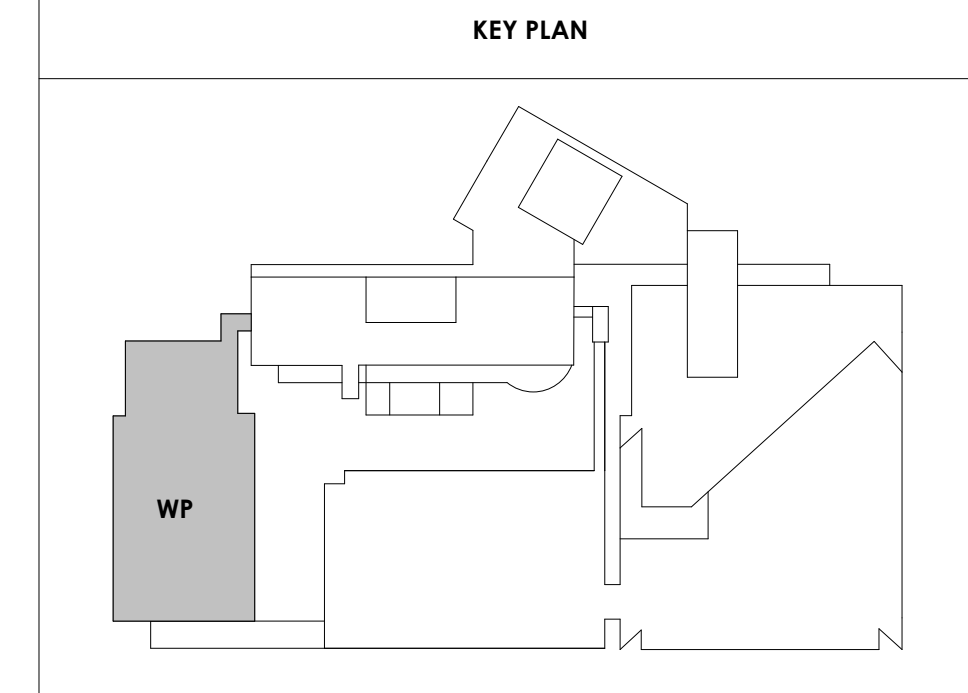
1 WP - PENTHOUSE LEVEL - FLOOR PLAN
1/8" = 1'-0"

Tag	KEYNOTES - FLOOR PLANS
1	SOFFIT ABOVE (DASHED)
2	EXISTING EGRESS STAIR TO REMAIN - PREP & PAINT EXISTING HANDRAILS, STAIR, & WALLS TO REMAIN
3	EXISTING ELEVATOR TO BE MODIFIED/REPLACED AS REQUIRED TO REACH ALL FOUR (4) FLOORS. SEE ELEVATOR PLANS & DETAILS SHEET FOR INFO.
4	EXISTING ELEVATOR TO BE REFURBISHED AS REQUIRED - SEE ELEVATOR PLANS & DETAILS FOR INFO
5	NEW FLOOR DRAIN - REFER TO PLUMBING
6	SHADED AREA DENOTES NEW CONCRETE SLAB - REFER TO STRUC.
7	BALLISTIC LEVEL 3 RATING AND GLAZING - 8'-0" AFF MINIMUM
8	MOBILE VEHICLE LIFT
9	OVERHEAD COILING DOOR
10	OWNER PROVIDED WOOD PEW SEATING - N.I.C.
11	OWNER PROVIDED 36" DEEP OPEN SHELVING - N.I.C.
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15	RECESSED SIDE ARMS LOCKERS (ONE FOUR DOOR UNIT AT EACH DOOR)
16	PUBLIC WEAPONS STG LOCKERS - TABLE PHONE WALL LOCKERS WITH 12 DOORS (TYPE 5)
17	CANOPY ABOVE (DASHED)
18	OWNER PROVIDED SYSTEMS FURNITURE - N.I.C.
19	OWNER PROVIDED COPIER - N.I.C.
20	PROVIDE REQ. BLOCKING FOR LOCATIONS WHERE WALL MOUNTED TV MONITORS ARE LOCATED. REFER TO EQUIPMENT PLANS FOR LOCATIONS
21	PROVIDE REQUIRED BLOCKING FOR ALL MARKER BOARD LOCATIONS
22	KNOX BOX (RECESSED)
23	RECESSED CELL PHONE LOCKERS TO MATCH METAL WALL PANEL
24	METAL DETECTOR ENTRY SECURITY
25	MOP SINK - SEE PLUMBING
26	18" DEEP BOOKSHELVES
27	12" DEEP COUNTER ON L2X2X1/4" HEAVY DUTY WELDED ANGLE SUPPORT BRACKETS
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32	OPERABLE FOLDING PARTITION

Tag	KEYNOTES - FLOOR PLANS
33	NEW DROP BOX
34	HIGH LOW WATER COOLER
35	OWNER PROVIDED HIGH DENSITY MOBILE STORAGE SYSTEM AND OVERSLAB RAILS
36	6" DEEP COUNTER
37	ABANDON EXISTING ELEVATOR
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44	OWNER PROVIDED UNDERCOUNTER ICE MAKER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
45	OWNER PROVIDED COOKTOP AND HOOD, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
46	OWNER PROVIDED ICE MAKER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
47	NEW WATER HEATER - SEE PLUMBING
48	WALL MOUNTED MOP & BROOM HOLDER
49	ADA TRANS LUVENT FLUT TO INSIDE FACE OF GLAZING
50	IMPACT RESISTANT STEEL BOLLARD - GENERAL LOCATION SHOWN. COORDINATE LOCATION IN FIELD. REFER TO DETAIL 13/A5400
51	NEW CONCRETE RAMP. SEE SITE DETAILS AS400 & STRUCTURAL DRAWINGS FOR INFO.
52	NEW SHOOTING RANGE. SEE SHOOTING RANGE PLANS A108 FOR INFO.
53	PROVIDE WHEEL STOPS AT ACCESSIBLE PARKING LOCATIONS
54	NEW FOLDING ARM. SEE ELECTRICAL PLAN FOR ADDITIONAL INFORMATION
55	NEW BADGE IN ACCESS READER. SEE SHEET AS120 AND ELECTRICAL FOR ADDITIONAL INFORMATION
56	RESTRIPED PARKING TO ACCOMMODATE FOR ACCESSIBLE PARKING SPACES SHOWN. REFER TO CIVIL FOR ADA SIGNAGE AND PARKING SYMBOLS
57	NEW TRENCH DRAIN - SEE PLUMBING
58	NEW HOSE BIB - SEE PLUMBING
59	EYE WASH - SEE PLUMBING
60	1" FLUSH FLOOR TO FLOOR 2 HR EXPANSION JOINT (TYPE 1) TO MATCH ADJACENT TILE - SEE STRUC AND DETAILS ON A111.2

Tag	KEYNOTES - FLOOR PLANS
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64	1" FLUSH WALL CEILING TO WALL CEILING EXPANSION JOINT (TYPE 5) TO MATCH ADJACENT PAINT COLOR - SEE STRUC AND DETAILS ON A111.2
65	1" EXPANSION JOINT (TYPE 6) TO MATCH ADJACENT BRICK - SEE STRUC AND DETAILS
66	ADA PUSH BUTTON
67	FLOOR BOX - VERIFY FINAL LOCATION PRIOR TO INSTALLATION W/ ARCHITECT, COORDINATE W/ SYSTEMS FURNITURE - SEE ELECTRICAL
68	OWNER PROVIDED VENDING MACHINE, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
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WALL LEGEND	
	2 HR PARTITION (ASSEMBLY VARIES)
	1 HR PARTITION (ASSEMBLY VARIES)
	BALLISTIC LEVEL 3 PARTITION (ASSEMBLY VARIES)
	NEW PARTITION (ASSEMBLY VARIES)
	EXISTING PARTITION
	EXISTING PARTITION TO BE DEMOLISHED



#	ISSUE	DATE
2	ADD #02.1	02/17/21
4	ADD #04.1	03/03/21

Issue Date:	FEBRUARY 1, 2021
PKC:	DAVID COLLINS
PM:	JOHN THURMAN
PA:	LAUREN BUSH / M LABBE
Drawn By:	M LABBE
Checked By:	B. PIERCY

Drawing Info:

A104

WP - PENTHOUSE LEVEL FLOOR PLAN

TAG	COUNT	RESPONSIBILITY	DESCRIPTION	BASIS OF DESIGN	WP REQUIREMENTS
EQ301	6	CPCI	FREE STYLE LOCKERS 2-TIER	PATTERSON POPE	VERIFY QUANTITY WITH OWNER PRIOR TO PURCHASE
EQ302	10	CPCI	Personal Storage Locker - 3 Tier, Single Door	Spacesaver Corporation	VERIFY QUANTITY WITH OWNER PRIOR TO PURCHASE
EQ303	15	CPCI	FREE STYLE LOCKERS 2-TIER	PATTERSON POPE	VERIFY QUANTITY WITH OWNER PRIOR TO PURCHASE



McCarthy Holsapple McCarthy, Inc.
550 W. Main St., Suite 300
Knoxville, TN 37902
1.865.544.2000
www.mhminc.com



Project Information:

19018

COK SAFETY BUILDING

900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:

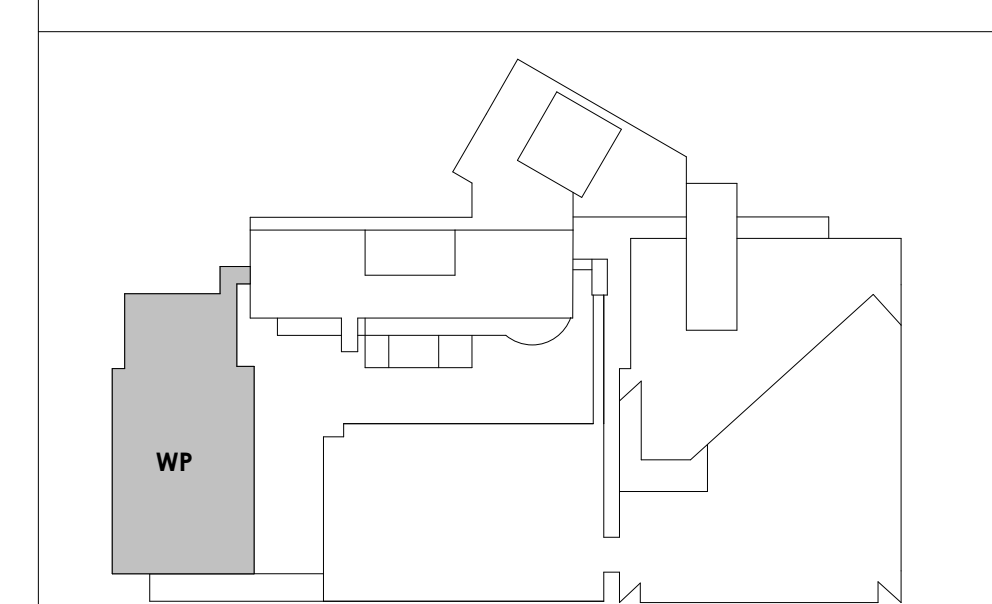
Architects Design Group

#	ISSUE	DATE
4	ADD #M.1	03/03/21

EQUIPMENT GENERAL NOTES:

- OPOI - OWNER PROVIDED, OWNER INSTALLED
- OPCI - OWNER PROVIDED, CONTRACTOR INSTALLED
- CPCI - CONTRACTOR PROVIDED, CONTRACTOR INSTALLED
- COORDINATE FINAL LOCATION OF ALL EQUIPMENT WITH OWNER, COORDINATE WITH MEP DRAWINGS, ELECTRICAL/PLUMBING CONNECTION LOCATIONS
- PROVIDE NON COMPUTABLE BLOCKING AS REQUIRED FOR ALL ACCESSORIES, EQUIPMENT, ETC. AS NECESSARY PER MANUFACTURERS RECOMMENDATIONS
- PROVIDE BLOCKING, POWER AND JUNCTION BOX AT ALL WALL MOUNTED TELEVISIONS. COORDINATE FINAL LOCATIONS WITH TECHNOLOGY DRAWINGS AND OWNER.
- SEE FURNITURE PLANS FOR ALL OFFICES/WORKSPACES.
- SEE INTERIORS FOR ALL APPLIANCES AND LOCATIONS.

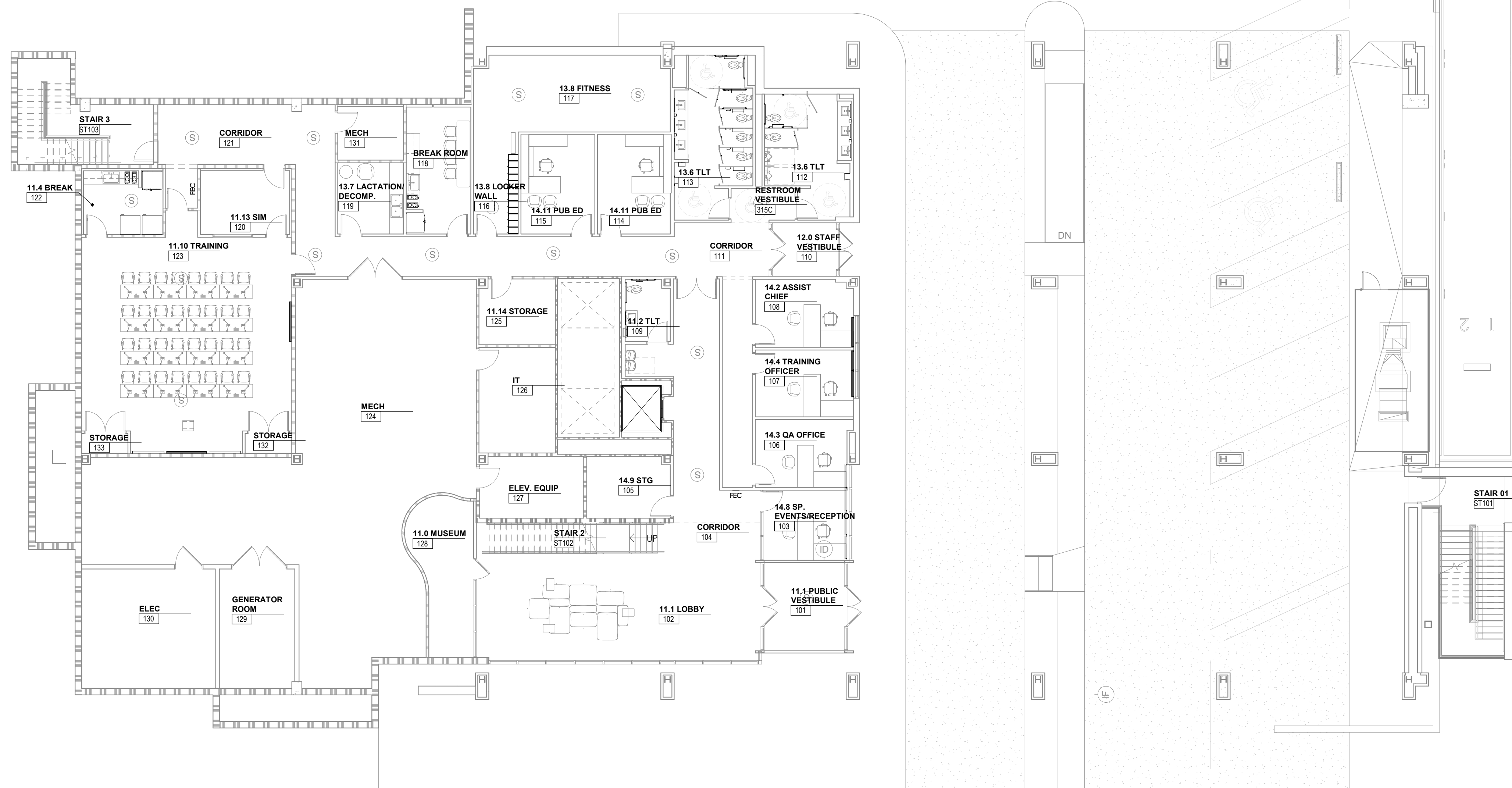
KEY PLAN



A105

WP - FIRST & THIRD LEVEL EQUIPMENT PLAN

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1 FIRST LEVEL EQUIPMENT PLAN
3/32" = 1'-0"



2 THIRD LEVEL EQUIPMENT PLAN
3/32" = 1'-0"

3/30/2021 6:28:48 PM



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COK PUBLIC SAFETY COMPLEX

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Seal:



Consultant:

Architects Design Group

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Issue Date: FEBRUARY 01, 2021

PK: DAVID COLLINS

PM: JOHN THURMAN

PA: LAUREN BUSH /

Drawn By: JW

Checked By: BP

Drawing Info:

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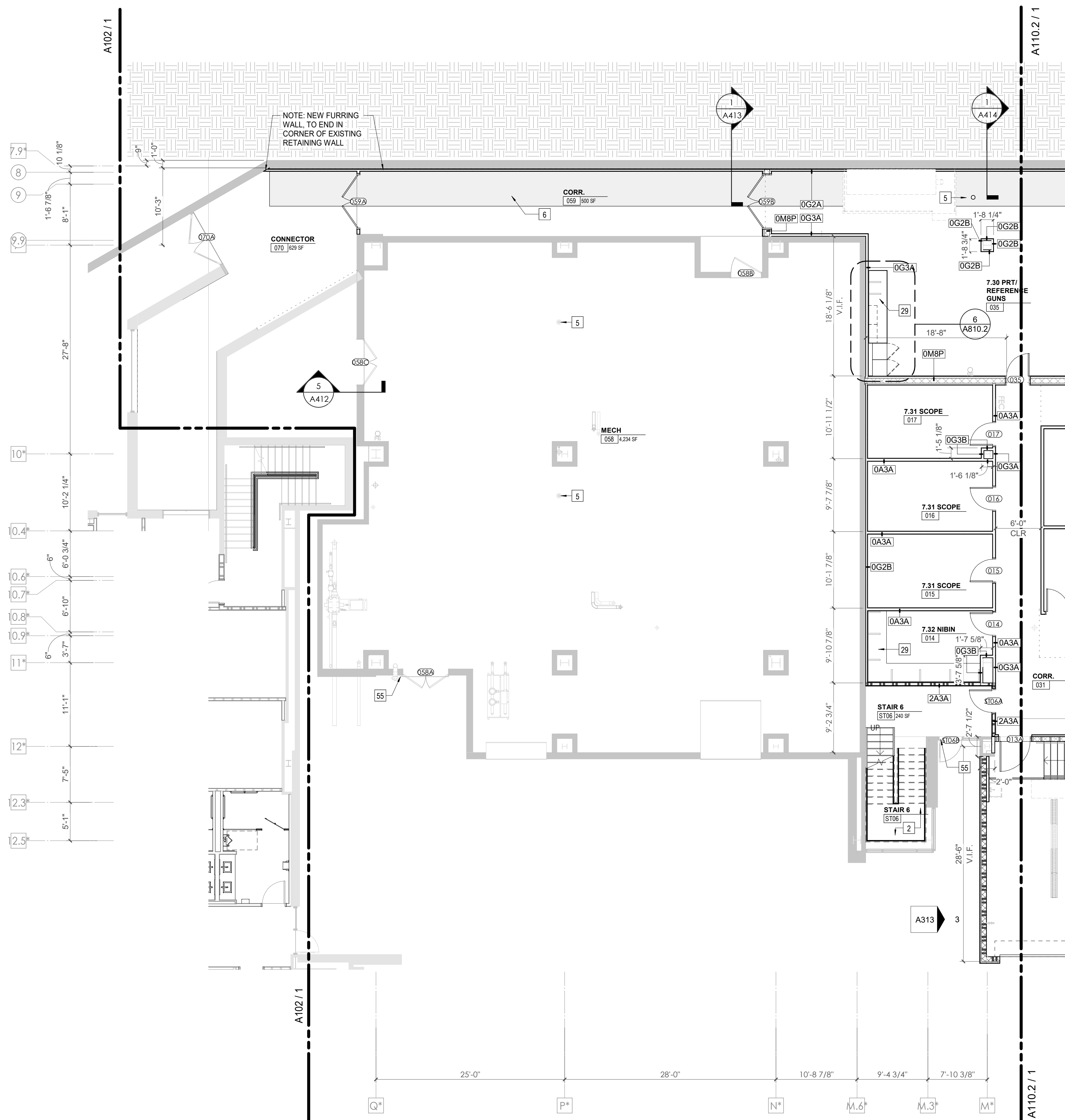
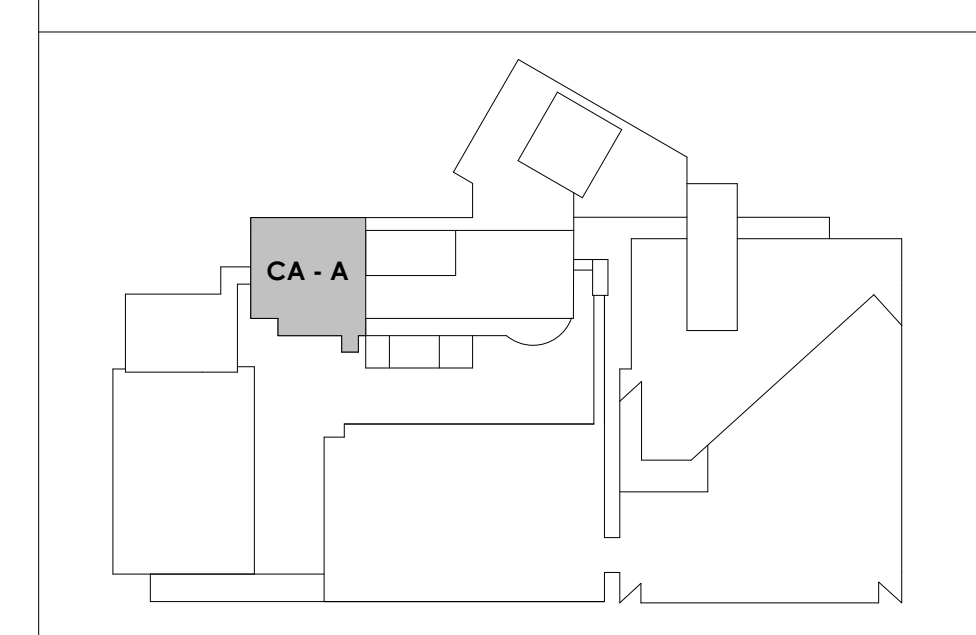
CA - LEVEL LL3 A FLOOR PLAN

WALL LEGEND	
	2 HR PARTITION (ASSEMBLY VARIES)
	1 HR PARTITION (ASSEMBLY VARIES)
	BALLISTIC LEVEL 3 PARTITION (ASSEMBLY VARIES)
	NEW PARTITION (ASSEMBLY VARIES)
	EXISTING PARTITION
	EXISTING PARTITION TO BE DEMOLISHED

KEYNOTES - FLOOR PLANS

TAG	TEXT
1	SOFFIT ABOVE (DASHED)
2	EXISTING EGRESS STAIR TO REMAIN - PREP & PAINT EXISTING HANDRAILS, STAIR, & WALLS TO REMAIN
3	EXISTING ELEVATOR TO BE MODIFIED/REPLACED AS REQUIRED TO REACH ALL FOUR (4) FLOORS. SEE ELEVATOR PLANS & DETAILS SHEET FOR INFO.
4	EXISTING ELEVATOR - REFURBISH EQUIPMENT & CONTROLS, NEW FINISHES TO INTERIOR OF CAR AS REQ'D. SEE ELEVATOR PLANS & DETAILS SHEET FOR INFO.
5	NEW FLOOR DRAIN - REFER TO PLUMBING
6	SHADED AREA DENOTES NEW CONCRETE FLOOR SLAB - REFER TO STRUC.
7	BALLISTIC LEVEL 3 RATING AND GLAZING - CONT. TO 8'-0" AFF MIN.
8	MOBILE VEHICLE LIFT
9	OVERHEAD COILING DOOR SEE MANUF. REQ'S
10	OWNER PROVIDED WOOD PEW SEATING - N.I.C.
11	OWNER PROVIDED 36" DEEP OPEN SHELVING - N.I.C.
12	18" X 24" X 72" HEAVY DUTY LOCKER WITH DRAWER/BENCH (TYPE 1)
13	18" X 24" X 72" HEAVY DUTY THREE TIER LOCKERS (TYPE 2)
14	NEW MASS THRU LOCKERS - TYPE 3
15	RECESSED SIDE ARMS LOCKERS (ONE FOUR DOOR UNIT AT EACH DOOR)
16	PUBLIC WEAPONS STG LOCKERS - TABLET PHONE WALL LOCKERS WITH 12 DOORS (TYPE 5)
17	CANOPY ABOVE (DASHED)
18	OWNER PROVIDED DRYING CABINETS - N.I.C.
19	OWNER PROVIDED COPIER - N.I.C.
20	PROVIDE REQ. BLOCKING FOR LOCATIONS WHERE WALL MOUNTED TV MONITORS ARE LOCATED. REFER TO EQUIPMENT PLANS FOR LOCATIONS
21	PROVIDE REQ. BLOCKING FOR ALL MARKER BOARD LOCATIONS
22	KNOX BOX (RECESSED)
23	RECESSED CELL PHONE LOCKERS TO MATCH METAL WALL PANEL
24	METAL DETECTOR ENTRY SECURITY
25	MOP SINK - SEE PLUMBING
26	18" DEEP BOOKSHELVES
27	12" DEEP COUNTER ON L2X2X1/4" HEAVY DUTY WELDED ANGLE SUPPORT BRACKETS
28	24" DEEP COUNTER ON L2X2X1/4" HEAVY DUTY WELDED ANGLE SUPPORT BRACKETS
29	30" DEEP COUNTER ON L2X2X1/4" HEAVY DUTY WELDED ANGLE SUPPORT BRACKETS
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31	PROVIDE NEW HANDRAILS, GUARDRAILS AND EGRESS STAIR ILLUMINATION. PREP AND PAINT EXISTING STAIRS & WALLS TO REMAIN
32	OPERABLE FOLDING PARTITION
33	NEW DROP BOX
34	HIGH LOW WATER COOLER
35	OWNER PROVIDED HIGH DENSITY MOBILE STORAGE SYSTEM AND OVERHEAD RAILS
36	6" DEEP SHELF
37	ABANDON EXISTING ELEVATOR
38	EXISTING FULL HEIGHT SPANDREL PANEL
39	TWO-WAY COMMUNICATOR (BLACK FINISH). PROVIDE CUTSHEET AND VERIFY COLOR SELECTION WITH MFR PRIOR TO PURCHASE - BASIS OF DESIGN
40	OWNER PROVIDED REFRIGERATOR, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
41	OWNER PROVIDED REFRIGERATOR UNDERCOUNTER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
42	OWNER PROVIDED BLIND COFFEE MAKER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
43	OWNER PROVIDED MICROWAVE UNDERCOUNTER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
44	OWNER PROVIDED UNDERCOUNTER DISHWASHER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
45	OWNER PROVIDED COOKTOP AND HOOD, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
46	OWNER PROVIDED ICE MAKER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
47	NEW WATER HEATER - SEE PLUMBING
48	WALL MOUNTED MOP & BROOM HOLDER
49	APPLY TRANSPARENT FILM TO INSIDE FACE OF GLAZING
50	IMPACT RESISTANT STEEL BALLARD, GENERAL LOCATION SHOWN. COORDINATE LOCATION IN FIELD. REFER TO DETAIL 13/AS400
51	NEW CONCRETE RAMP, SEE SITE DETAILS AS400 & STRUCTURAL DRAWINGS FOR INFO.
52	NEW SHOOTING RANGE, SEE SHOOTING RANGE PLANS A108 FOR INFO.
53	PROVIDE WHEEL STOPS AT ACCESSIBLE PARKING LOCATIONS
54	NEW FOLDING ARM, SEE ELECTRICAL PLAN FOR ADDITIONAL INFORMATION
55	NEW BADGE IN ACCESS READER, SEE SHEET AS120 AND ELECTRICAL FOR ADDITIONAL INFORMATION
56	RESTRIPED PARKING TO ACCOMMODATE FOR ACCESSIBLE PARKING SPACES SHOWN. REFER TO CIVIL FOR ADA SIGNAGE AND PARKING SYMBOLS
57	NEW TRENCH DRAIN - SEE PLUMBING
58	NEW HOSE BIB - SEE PLUMBING
59	EYE WASH - SEE PLUMBING
60	1" FLUSH FLOOR TO FLOOR 2 HR EXPANSION JOINT (TYPE 1) TO MATCH ADJACENT TILE - SEE STRUC AND DETAILS ON A111.2
61	1" FLUSH FLOOR TO FLOOR 2 HR EXPANSION JOINT (TYPE 2) TO MATCH ADJACENT CARPET - SEE STRUC AND DETAILS ON A111.2
62	1" FLUSH FLOOR TO WALL 2 HR EXPANSION JOINT (TYPE 3) TO MATCH ADJACENT CARPET - SEE STRUC AND DETAILS ON A111.2
63	1" FLUSH FLOOR TO WALL 2 HR EXPANSION JOINT (TYPE 4) TO MATCH ADJACENT TILE - SEE STRUC AND DETAILS ON A111.2
64	1" FLUSH WALL/CEILING TO WALL/CEILING EXPANSION JOINT (TYPE 5) TO MATCH ADJACENT PAINT COLOR - SEE STRUC AND DETAILS ON A111.2
65	1" EXPANSION JOINT (TYPE 6) TO MATCH ADJACENT BRICK - SEE STRUC AND DETAILS
66	ADA PUSH BUTTON
67	FLOOR BOX - VERIFY FINAL LOCATION PRIOR TO INSTALLATION W/ ARCHITECT, COORDINATE W/ SYSTEMS FURNITURE - SEE ELECTRICAL
68	OWNER PROVIDED VENDING MACHINE, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
69	CEILING MOUNTED TV, PROVIDE NECESSARY MOUNTING HARDWARE - SEE ELECTRICAL AND TELECOMMUNICATIONS
70	OWNER PROVIDED MICROWAVE, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
71	24" DEEP STAINLESS PASS THROUGH COUNTER INSTALLED 34" A.F.F. SEE ENLARGED PLANS FOR INFO.

KEY PLAN



SHEET - CENTRAL ANNEX - LEVEL LL3 A FLOOR PLAN
A110.1
1/8" = 1'-0"



Project Information:

19018

COK PUBLIC SAFETY COMPLEX

900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:

Architects Design Group

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2	ADD #02.1	02/17/21
3	ADD #03.1	02/24/21
4	ADD #04.1	03/03/21

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PM: JOHN THURMAN

PA: LAUREN BUSH /

Drawn By: JW

Checked By: BP

Drawing Info:

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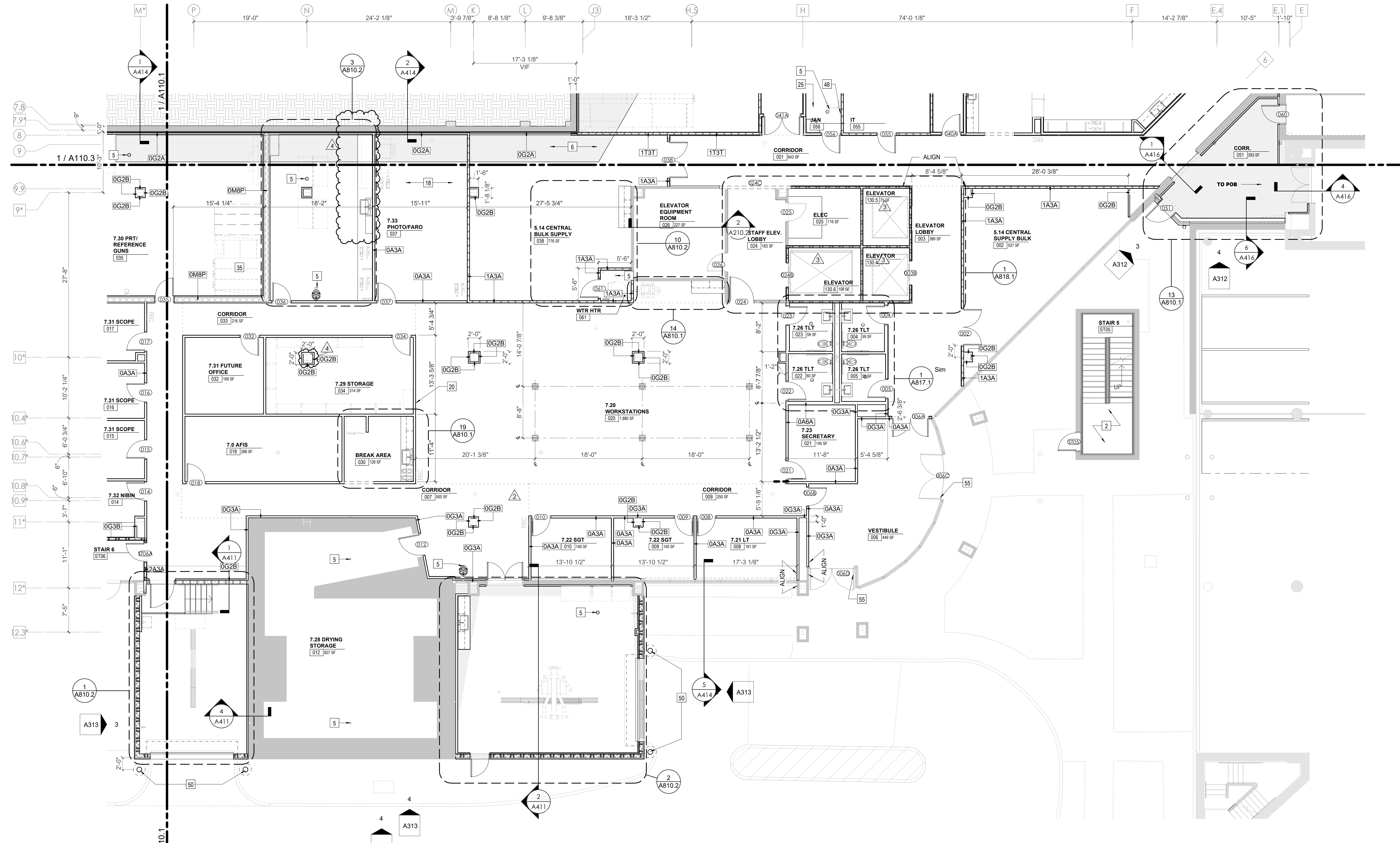
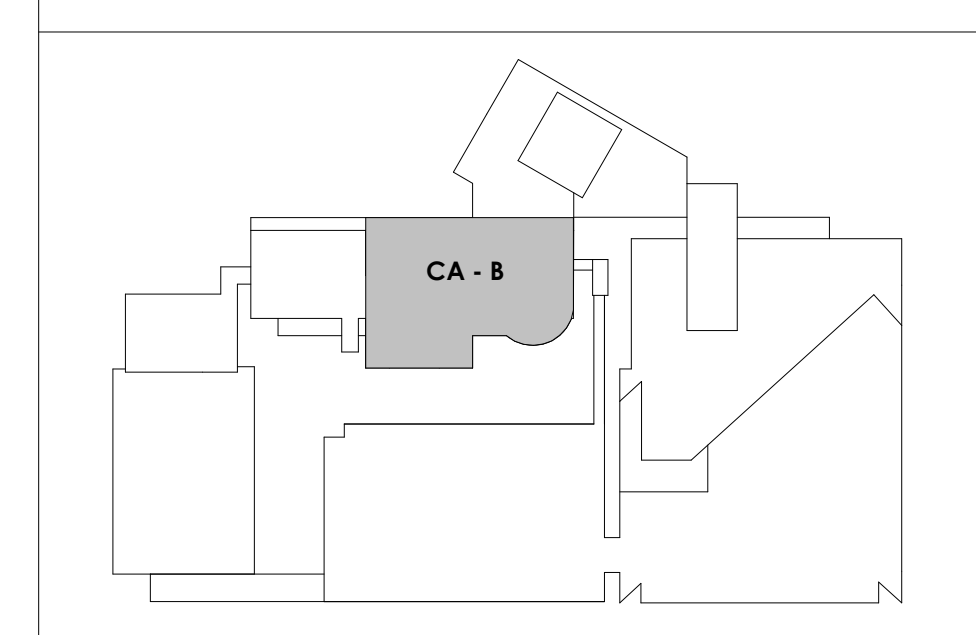
CA - LEVEL LL3 B
FLOOR PLAN

WALL LEGEND	
	2 HR PARTITION (ASSEMBLY VARIES)
	1 HR PARTITION (ASSEMBLY VARIES)
	BALLISTIC LEVEL 3 PARTITION (ASSEMBLY VARIES)
	NEW PARTITION (ASSEMBLY VARIES)
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KEYNOTES - FLOOR PLANS

TAG	TEXT
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KEY PLAN



1 SHEET - CENTRAL ANNEX - LEVEL LL3 B FLOOR PLAN
1/8" = 1'-0"



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Issue Date: FEBRUARY 01, 2021
 PIC: DAVID COLLINS
 PM: JOHN THURMAN
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 Drawn By: JW
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Drawing Info:

A110.3

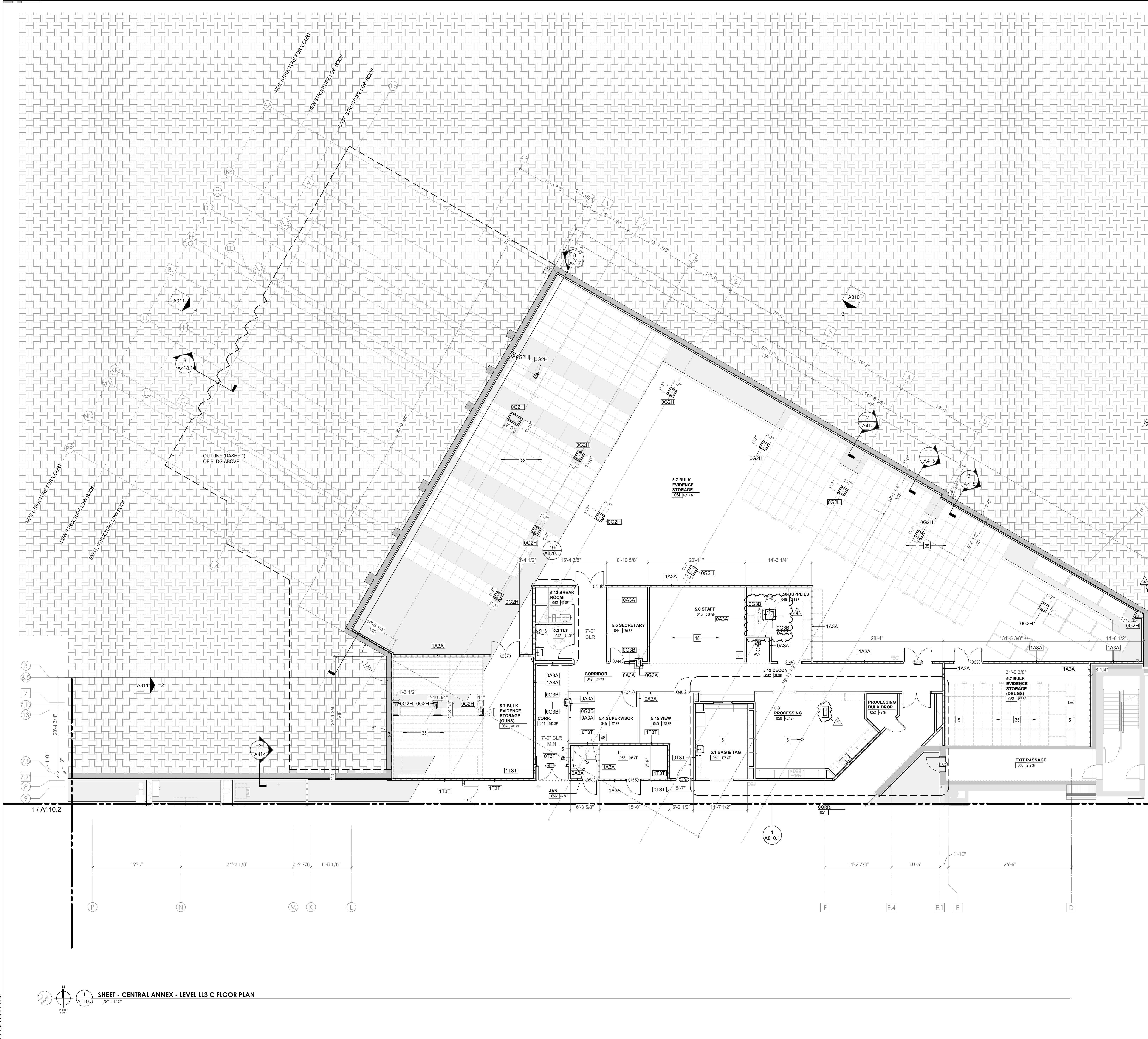
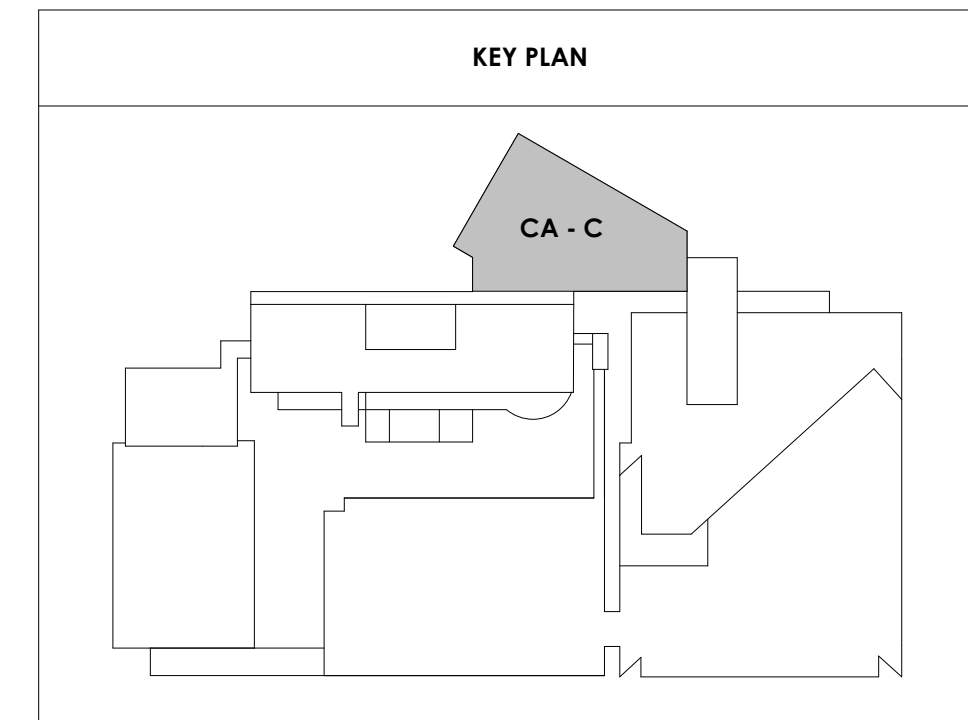
CA - LEVEL LL3 C FLOOR PLAN

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	2 HR PARTITION (ASSEMBLY VARIES)
	1 HR PARTITION (ASSEMBLY VARIES)
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39	TWO-WAY COMMUNICATOR (BLACK FINISH), PROVIDE CUTSHEET AND VERIFY COLOR SELECTION WITH MFR PRIOR TO PURCHASE - BASIS OF DESIGN
40	AUTLUS BY C.R. LAURENCE
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65	1" EXPANSION JOINT (TYPE 6) TO MATCH ADJACENT BRICK - SEE STRUC AND DETAILS
66	ADA PUSH BUTTON
67	FLOOR BOX - VERIFY FINAL LOCATION PRIOR TO INSTALLATION W/ ARCHITECT, COORDINATE W/ SYSTEMS FURNITURE - SEE ELECTRICAL
68	OWNER PROVIDED VENDING MACHINE, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
69	CEILING MOUNTED TV, PROVIDE NECESSARY MOUNTING HARDWARE - SEE ELECTRICAL AND TELECOMMUNICATIONS
70	OWNER PROVIDED MICROWAVE, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
71	12" DEEP STAINLESS PASS THROUGH COUNTER INSTALLED 34" A.F.F. SEE ENLARGED PLANS FOR INFO.





Project Information:

19018

COK PUBLIC SAFETY COMPLEX

900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:

Architects Design Group

#	ISSUE	DATE
2	ADD #02.1	02/17/21
4	ADD #04.1	03/03/21

Issue Date:	FEBRUARY 01, 2021
PIC:	DAVID COLLINS
PM:	JOHN THURMAN
PA:	LAUREN BUSH /
Drawn By:	JW
Checked By:	BP

Drawing Info:

A111.1

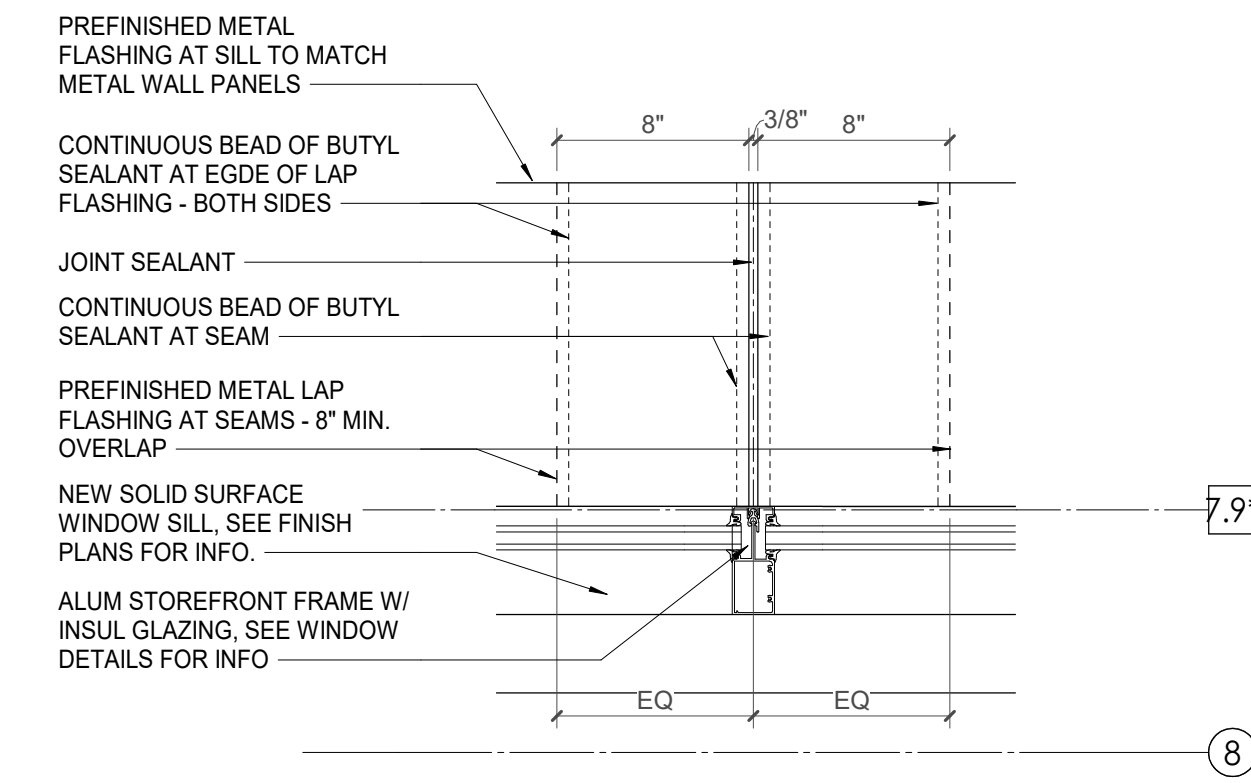
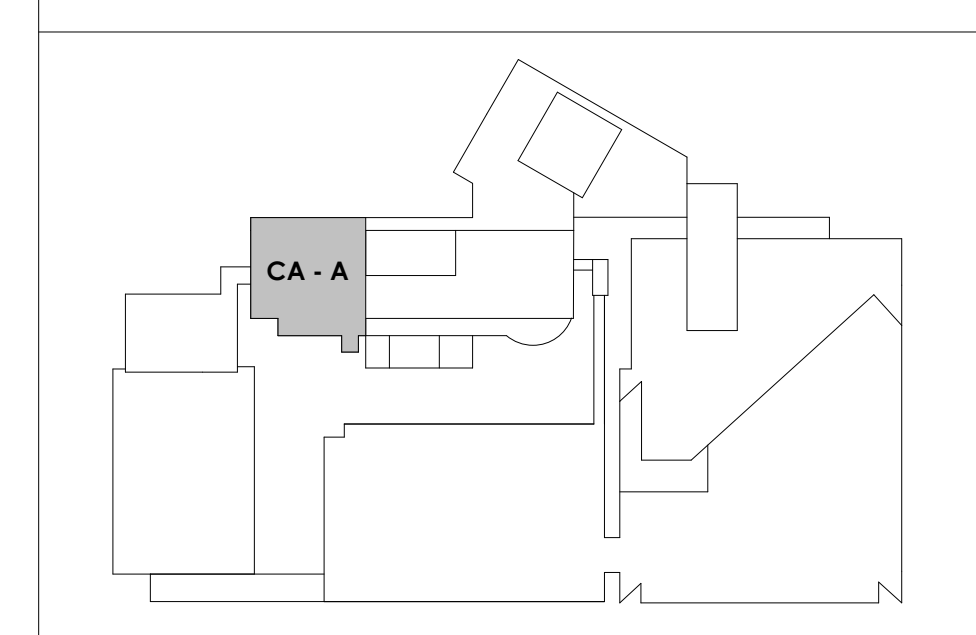
CA - LEVEL LL2 A FLOOR PLAN

WALL LEGEND	
	2 HR PARTITION (ASSEMBLY VARIES)
	1 HR PARTITION (ASSEMBLY VARIES)
	BALLISTIC LEVEL 3 PARTITION (ASSEMBLY VARIES)
	NEW PARTITION (ASSEMBLY VARIES)
	EXISTING PARTITION
	EXISTING PARTITION TO BE DEMOLISHED

KEYNOTES - FLOOR PLANS

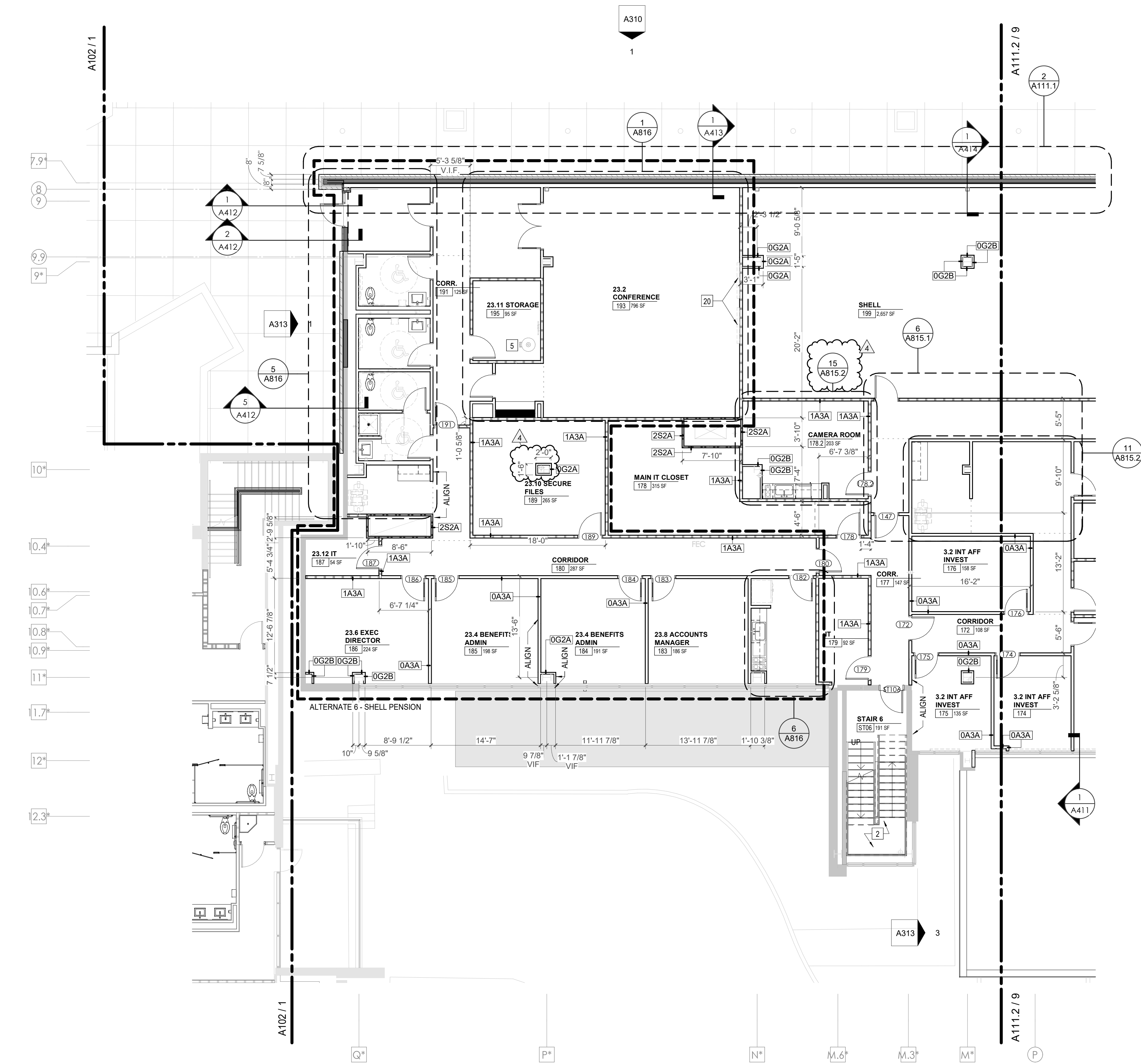
TAG	TEXT
1	SOFFIT ABOVE (DASHED)
2	EXISTING EGRESS STAIR TO REMAIN - PREP & PAINT EXISTING HANDRAILS, STAIR, & WALLS TO REMAIN
3	EXISTING ELEVATOR TO BE MODIFIED/REPLACED AS REQUIRED TO REACH ALL FOUR (4) FLOORS. SEE ELEVATOR PLANS & DETAILS SHEET FOR INFO.
4	EXISTING ELEVATOR - REFURBISH EQUIPMENT & CONTROLS, NEW FINISHES TO INTERIOR OF CAR AS REQ'D. SEE ELEVATOR PLANS & DETAILS SHEET FOR INFO.
5	NEW FLOOR DRAIN - REFER TO PLUMBING
6	SHADED AREA DENOTES NEW CONCRETE FLOOR SLAB - REFER TO STRUC.
7	BALLISTIC LEVEL 3 RATING AND GLAZING - CONT. TO 8'-0" AFF MIN.
8	MOBILE VEHICLE LIFT
9	OVERHEAD COILING DOOR. SEE MANUF. REQ'S
10	OWNER PROVIDED WOOD PEW SEATING - N.I.C.
11	OWNER PROVIDED 36" DEEP OPEN SEALING - N.I.C.
12	18" X 24" X 72" HEAVY DUTY LOCKER WITH DRAWER/BENCH (TYPE 1)
13	18" X 24" X 72" HEAVY DUTY THREE-TIER LOCKERS (TYPE 2)
14	NEW PASS THRU LOCKERS - TYPE 3
15	RECESSED SIDE ARMS LOCKERS (ONE FOUR DOOR UNIT AT EACH DOOR)
16	PUBLIC WEAPONS STG LOCKERS - TABLET PHONE WALL LOCKERS WITH 12 DOORS (TYPE 5)
17	CANOPY ABOVE (DASHED)
18	OWNER PROVIDED DRYING CABINETS - N.I.C.
19	OWNER PROVIDED COPIER - N.I.C.
20	PROVIDE REQ. BLOCKING FOR LOCATIONS WHERE WALL MOUNTED TV MONITORS ARE LOCATED. REFER TO EQUIPMENT PLANS FOR LOCATIONS
21	PROVIDE REQ. BLOCKING FOR ALL MARKER BOARD LOCATIONS
22	KNOX BOX (RECESSED)
23	RECESSED CELL PHONE LOCKERS TO MATCH METAL WALL PANEL
24	METAL DETECTOR ENTRY SECURITY
25	MOP SINK - SEE PLUMBING
26	18" DEEP BOOKSHELVES
27	12" DEEP COUNTER ON L2X2X1/4" HEAVY DUTY WELDED ANGLE SUPPORT BRACKETS
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31	PROVIDE NEW HANDRAILS, GUARDRAILS AND EGRESS STAIR ILLUMINATION. PREP AND PAINT EXISTING STAIR & WALLS TO REMAIN
32	OPERABLE FOLDING PARTITION
33	NEW DROP BOX
34	HIGH LOW WATER COOLER
35	OWNER PROVIDED HIGH DENSITY MOBILE STORAGE SYSTEM AND OVERSILL RAILS
36	6" DEEP SHELF
37	ABANDON EXISTING ELEVATOR
38	EXISTING FULL HEIGHT SPANDREL PANEL
39	TWO-WAY MIRRORING (BLACK FINISH). PROVIDE CUTSHEET AND VERIFY COLOR SELECTION WITH MFR PRIOR TO PURCHASE - BASIS OF DESIGN. AITTUS BY C.R. LAURENCE
40	OWNER PROVIDED REFRIGERATOR, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
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47	NEW WATER HEATER - SEE PLUMBING
48	WALL MOUNTED MOP & BROOM HOLDER
49	APPLY TRANSPARENT FILM TO INSIDE FACE OF GLAZING
50	IMPACT RESISTANT STEEL BOLLARD, GENERAL LOCATION SHOWN. COORDINATE LOCATION IN FIELD. REFER TO DETAIL 13A500.
51	NEW CONCRETE RAMP, SEE SITE DETAILS AS400 & STRUCTURAL DRAWINGS FOR INFO.
52	NEW SHOOTING RANGE, SEE SHOOTING RANGE PLANS A108 FOR INFO.
53	PROVIDE WHEEL STOPS AT ACCESSIBLE PARKING LOCATIONS
54	NEW FOLDING ARM, SEE ELECTRICAL PLAN FOR ADDITIONAL INFORMATION
55	NEW BADGE IN ACCESS READER, SEE SHEET AS120 AND ELECTRICAL FOR ADDITIONAL INFORMATION
56	RESTRIP PARKING TO ACCOMMODATE FOR ACCESSIBLE PARKING SPACES SHOWN. REFER TO CIVIL FOR ADA SIGNAGE AND PARKING SYMBOLS
57	NEW TRENCH DRAIN - SEE PLUMBING
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59	EYE WASH - SEE PLUMBING
60	1" FLUSH FLOOR TO FLOOR 2 HR EXPANSION JOINT (TYPE 1) TO MATCH ADJACENT TILE - SEE STRUC AND DETAILS ON A111.2
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64	1" FLUSH WALL TO CEILING TO WALL/CEILING EXPANSION JOINT (TYPE 5) TO MATCH ADJACENT PAINT COLOR - SEE STRUC AND DETAILS ON A111.2
65	1" EXPANSION JOINT (TYPE 6) TO MATCH ADJACENT BRICK - SEE STRUC AND DETAILS
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KEY PLAN



3 METAL SILL FLASHING JOINT DETAIL
A111.1 1/12" = 1'-0"

2 CENTRAL ANNEX - LEVEL LL2 A-B CLERESTORY PLAN
A111.1 1/8" = 1'-0"



1 CENTRAL ANNEX - LEVEL LL2 A FLOOR PLAN
A111.1 1/8" = 1'-0"



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Architects Design Group

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2	ADD #02.1	02/17/21
3	ADD #03.1	02/24/21
4	ADD #04.1	03/03/21

Issue Date: FEBRUARY 01, 2021

PK: DAVID COLLINS

PM: JOHN THURMAN

PA: LAUREN BUSH /

Drawn By: JW

Checked By: BP

Drawing Info:

A111.2

CA - LEVEL LL2 B FLOOR PLAN

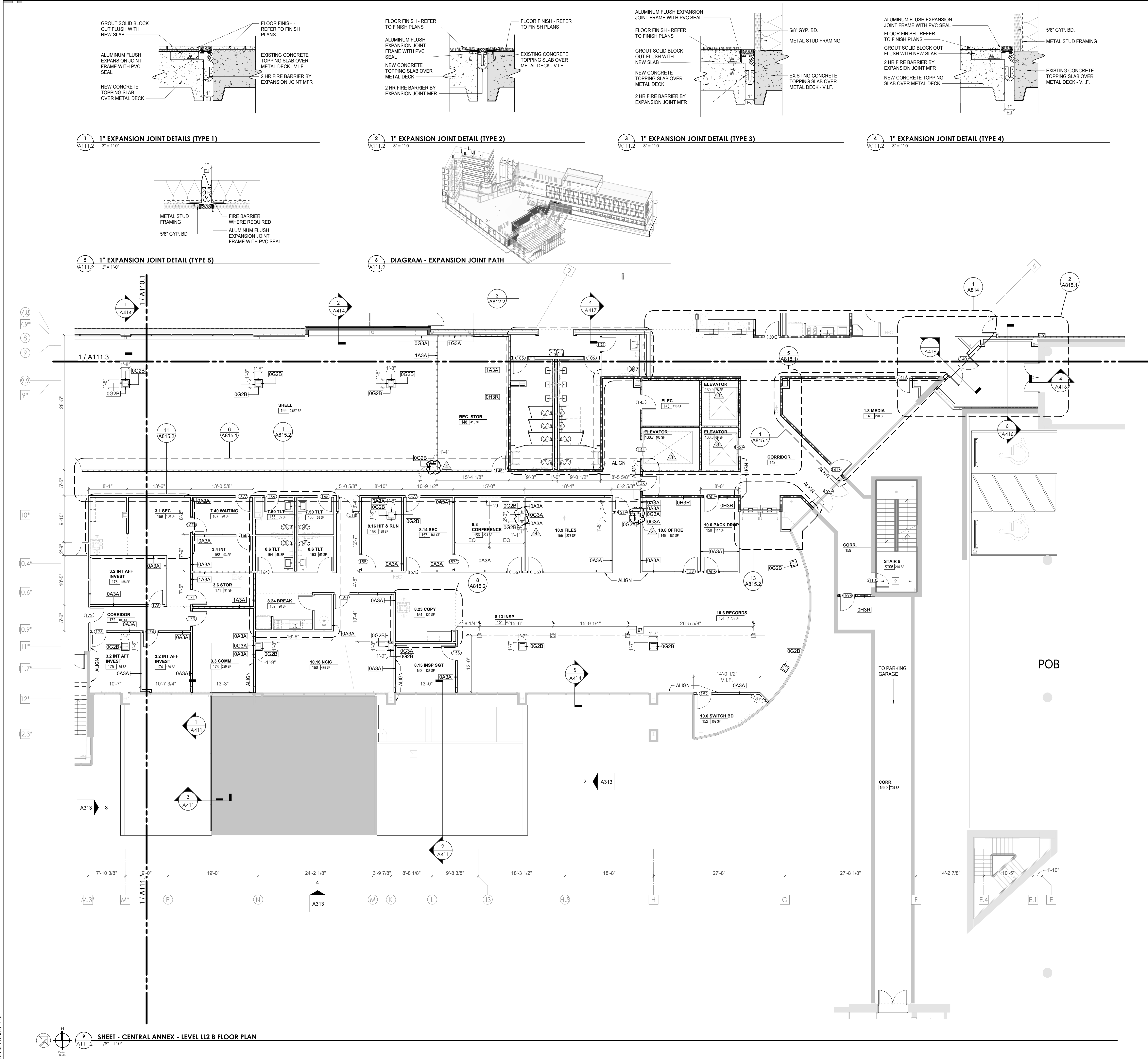
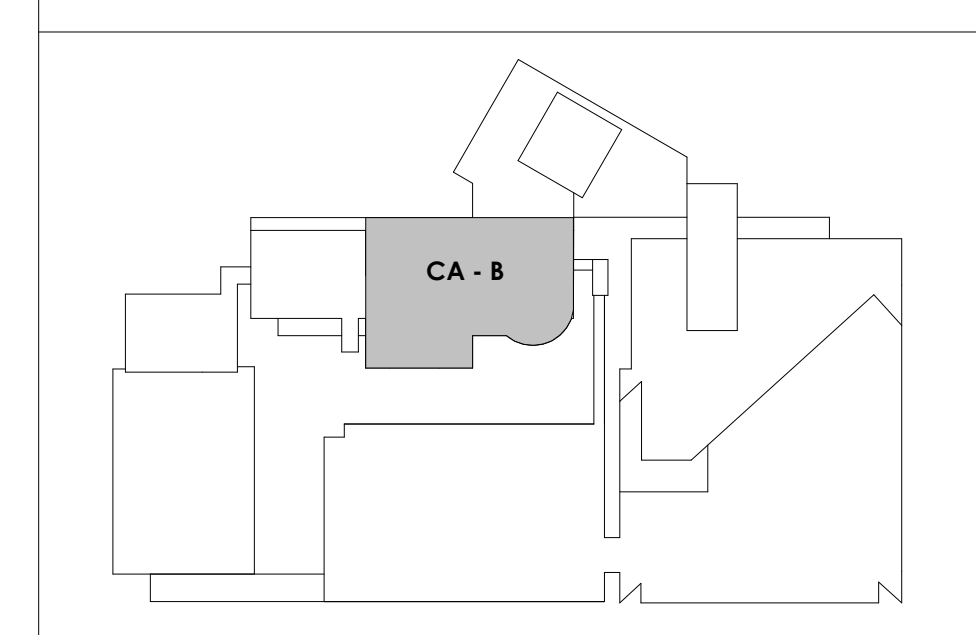
WALL LEGEND

[Symbol]	2 HR PARTITION (ASSEMBLY VARIES)
[Symbol]	1 HR PARTITION (ASSEMBLY VARIES)
[Symbol]	BALLISTIC LEVEL 3 PARTITION (ASSEMBLY VARIES)
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KEYNOTES - FLOOR PLANS

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25	MCP SIGN - SEE PLUMBING
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49	APPLY TRANSLUCENT FILM TO INSIDE FACE OF GLAZING
50	IMPACT RESISTANT STEEL BOLLARD, GENERAL LOCATION SHOWN. COORDINATE LOCATION IN FIELD. REFER TO DETAIL 13A300.
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KEY PLAN



9 SHEET - CENTRAL ANNEX - LEVEL LL2 B FLOOR PLAN

1/8" = 1'-0"



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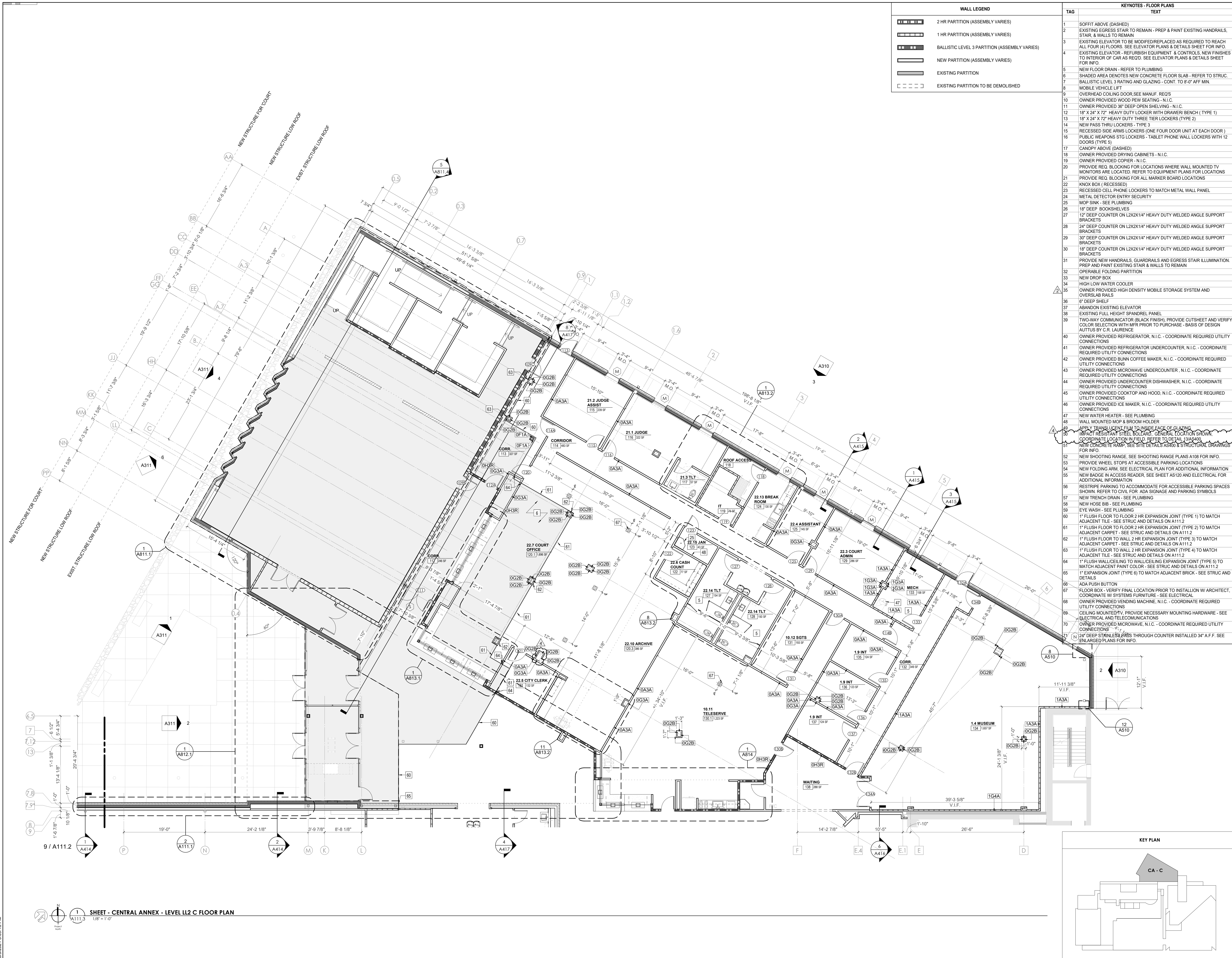
Issue Date: FEBRUARY 01, 2021
 PIC: DAVID COLLINS
 PM: JOHN THURMAN
 PA: LAUREN BUSH /
 Drawn By: JW
 Checked By: BP

Drawing Info:

A111.3

CA - LEVEL LL2 C FLOOR PLAN

WALL LEGEND	TAG	KEYNOTES - FLOOR PLANS	TEXT
	1	SOFFIT ABOVE (DASHED)	
	2	EXISTING EGRESS START TO REMAIN - PREP & PAINT EXISTING HANDRAILS, STAIR, & WALLS TO REMAIN	
	3	EXISTING ELEVATOR TO BE MODIFIED/REPLACED AS REQUIRED TO REACH ALL FOUR (4) FLOORS. SEE ELEVATOR PLANS & DETAILS SHEET FOR INFO.	
	4	EXISTING ELEVATOR - REFURBISH EQUIPMENT & CONTROLS. NEW FINISHES TO INTERIOR OF CAR AS REQ'D. SEE ELEVATOR PLANS & DETAILS SHEET FOR INFO.	
	5	NEW FLOOR DRAIN - REFER TO PLUMBING	
	6	SHADED AREA DENOTES NEW CONCRETE FLOOR SLAB - REFER TO STRUC.	
	7	BALLISTIC LEVEL 3 RATING AND GLAZING - CONT. TO 8'-0" AFF MIN.	
	8	MOBILE VEHICLE LIFT	
	9	OVERHEAD COILING DOOR-SEE MANUF. REQ'S	
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	34	HIGH LOW WATER COOLER	
	35	OWNER PROVIDED HIGH DENSITY MOBILE STORAGE SYSTEM AND OVERSHELF RAILS	
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	47	NEW WATER HEATER - SEE PLUMBING	
	48	WALL MOUNTED MOP & BROOM HOLDER	
	49	APPLY TRANSlucent FILM TO INSIDE FACE OF GLAZING	
	50	INSTALL STEEL BOLTS TO GENERAL LOCATION SHOWN. COORDINATE LOCATION IN FIELD. REFER TO DETAIL 13AS400 FOR INFO.	
	51	NEW CONCRETE RAMP. SEE SITE DETAILS AS00 & STRUCTURAL DRAWINGS FOR INFO.	
	52	NEW SHOOTING RANGE. SEE SHOOTING RANGE PLANS A108 FOR INFO.	
	53	PROVIDE WHEEL STOPS AT ACCESSIBLE PARKING LOCATIONS	
	54	NEW FOLDING ARM. SEE ELECTRICAL PLAN FOR ADDITIONAL INFORMATION	
	55	NEW BADGE IN ACCESS READER. SEE SHEET AS20 AND ELECTRICAL FOR ADDITIONAL INFORMATION	
	56	RESTRIPED PARKING TO ACCOMMODATE FOR ACCESSIBLE PARKING SPACES SHOWN. REFER TO CIVIL FOR ADA SIGNAGE AND PARKING SYMBOLS	
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1 SHEET - CENTRAL ANNEX - LEVEL LL2 C FLOOR PLAN
 A111.3 1/8" = 1'-0"



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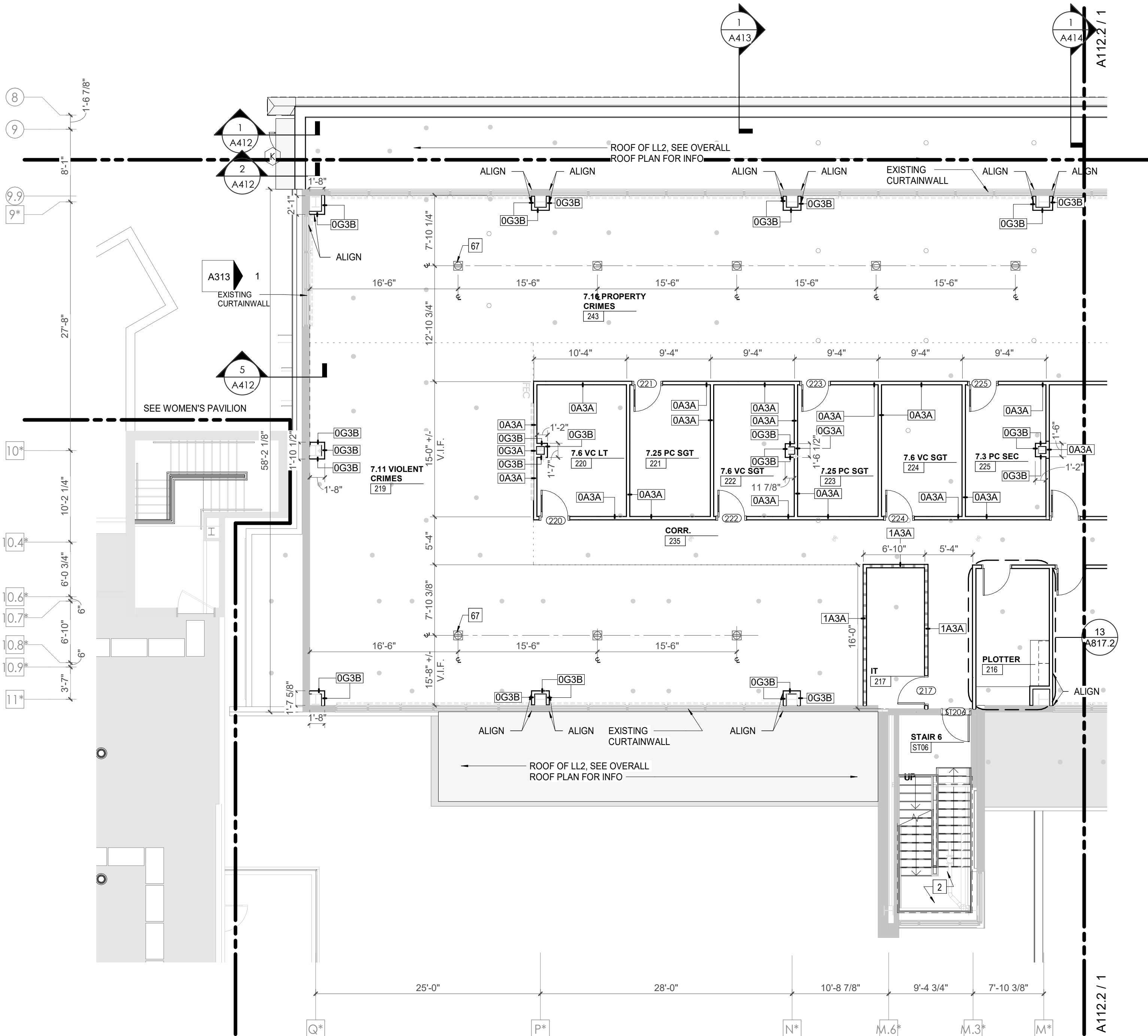
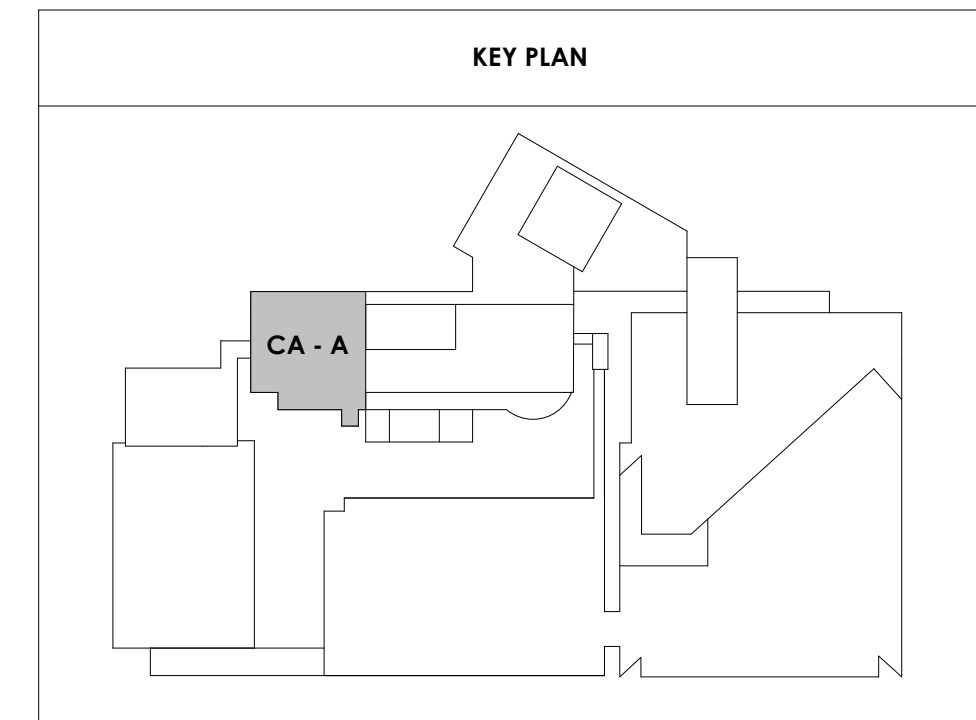
Drawing Info:

A112.1

CA - LEVEL LL1 A FLOOR PLAN

WALL LEGEND	
	2 HR PARTITION (ASSEMBLY VARIES)
	1 HR PARTITION (ASSEMBLY VARIES)
	BALLISTIC LEVEL 3 PARTITION (ASSEMBLY VARIES)
	NEW PARTITION (ASSEMBLY VARIES)
	EXISTING PARTITION
	EXISTING PARTITION TO BE DEMOLISHED

KEYNOTES - FLOOR PLANS	
TAG	TEXT
1	SOFFIT ABOVE (DASHED)
2	EXISTING EGRESS STAIR TO REMAIN - PREP & PAINT EXISTING HANDRAILS, STAIR, & WALLS TO REMAIN
3	EXISTING ELEVATOR TO BE MODIFIED/REPLACED AS REQUIRED TO REACH ALL FOUR (4) FLOORS. SEE ELEVATOR PLANS & DETAILS SHEET FOR INFO.
4	EXISTING ELEVATOR - REFURBISH EQUIPMENT & CONTROLS, NEW FINISHES TO INTERIOR OF CAR AS REQ'D. SEE ELEVATOR PLANS & DETAILS SHEET FOR INFO.
5	NEW FLOOR DRAIN - REFER TO PLUMBING
6	SHADED AREA DENOTES NEW CONCRETE FLOOR SLAB - REFER TO STRUC.
7	BALLISTIC LEVEL 3 RATING AND GLAZING - CONT. TO 8'-0" AFF MIN.
8	MOBILE VEHICLE LIFT
9	OVERHEAD COILING DOOR SEE MANUF. REQ'S
10	OWNER PROVIDED WOOD PEW SEATING - N.I.C.
11	OWNER PROVIDED 36" DEEP OPEN SHELVING - N.I.C.
12	18" X 24" X 72" HEAVY DUTY LOCKER WITH DRAWER/BENCH (TYPE 1)
13	18" X 24" X 72" HEAVY DUTY THREE TIER LOCKERS (TYPE 2)
14	NEW MASS THRU LOCKERS - TYPE 3
15	RECESSED SIDE ARMS LOCKERS (ONE FOUR DOOR UNIT AT EACH DOOR)
16	PUBLIC WEAPONS STG LOCKERS - TABLE PHONE WALL LOCKERS WITH 12 DOORS (TYPE 5)
17	CANOPY ABOVE (DASHED)
18	OWNER PROVIDED DRYING CABINETS - N.I.C.
19	OWNER PROVIDED COPIER - N.I.C.
20	PROVIDE REQ. BLOCKING FOR LOCATIONS WHERE WALL MOUNTED TV MONITORS ARE LOCATED. REFER TO EQUIPMENT PLANS FOR LOCATIONS
21	PROVIDE REQ. BLOCKING FOR ALL MARKER BOARD LOCATIONS
22	KNOX BOX (RECESSED)
23	RECESSED CELL PHONE LOCKERS TO MATCH METAL WALL PANEL
24	METAL DETECTOR ENTRY SECURITY
25	MOP SINK - SEE PLUMBING
26	18" DEEP BOOKSHELVES
27	12" DEEP COUNTER ON L2X2X1/4" HEAVY DUTY WELDED ANGLE SUPPORT BRACKETS
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32	OPERABLE FOLDING PARTITION
33	NEW DROP BOX
34	HIGH LOW WATER COOLER
35	OWNER PROVIDED HIGH DENSITY MOBILE STORAGE SYSTEM AND OVERHEAD RAILS
36	6" DEEP SHELF
37	ABANDON EXISTING ELEVATOR
38	EXISTING FULL HEIGHT SPANDREL PANEL
39	TWO-WAY COMMUNICATOR (BLACK FINISH). PROVIDE CUTSHEET AND VERIFY COLOR SELECTION WITH MFR PRIOR TO PURCHASE - BASIS OF DESIGN
40	AUTTUS BY C.R. LAURENCE
41	OWNER PROVIDED REFRIGERATOR UNDERCOUNTER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
42	OWNER PROVIDED BUNN COFFEE MAKER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
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48	WALL MOUNTED MOP & BROOM HOLDER
49	APPLY TRANSPARENT FILM TO INSIDE FACE OF GLAZING
50	IMPACT RESISTANT STEEL BOLLARD. GENERAL LOCATION SHOWN. COORDINATE LOCATION IN FIELD. REFER TO DETAIL 13A300.
51	NEW CONCRETE RAMP. SEE SITE DETAILS AS400 & STRUCTURAL DRAWINGS FOR INFO.
52	NEW SHOOTING RANGE. SEE SHOOTING RANGE PLANS A108 FOR INFO.
53	PROVIDE WHEEL STOPS AT ACCESSIBLE PARKING LOCATIONS
54	NEW FOLDING ARM. SEE ELECTRICAL PLAN FOR ADDITIONAL INFORMATION
55	NEW BADGE IN ACCESS READER. SEE SHEET AS120 AND ELECTRICAL FOR ADDITIONAL INFORMATION
56	RESTRIPED PARKING TO ACCOMMODATE FOR ACCESSIBLE PARKING SPACES SHOWN. REFER TO CIVIL FOR ADA SIGNAGE AND PARKING SYMBOLS
57	NEW TRENCH DRAIN - SEE PLUMBING
58	NEW HOSE BIB - SEE PLUMBING
59	EYE WASH - SEE PLUMBING
60	1" FLUSH FLOOR TO FLOOR 2 HR EXPANSION JOINT (TYPE 1) TO MATCH ADJACENT TILE - SEE STRUC AND DETAILS ON A111.2
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64	1" FLUSH WALL/CEILING TO WALL/CEILING EXPANSION JOINT (TYPE 5) TO MATCH ADJACENT PAINT COLOR - SEE STRUC AND DETAILS ON A111.2
65	1" EXPANSION JOINT (TYPE 6) TO MATCH ADJACENT BRICK - SEE STRUC AND DETAILS
66	ADA PUSH BUTTON
67	FLOOR BOX - VERIFY FINAL LOCATION PRIOR TO INSTALLION W/ ARCHITECT, COORDINATE W/ SYSTEMS FURNITURE - SEE ELECTRICAL
68	OWNER PROVIDED VENDING MACHINE, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
69	CEILING MOUNTED TV. PROVIDE NECESSARY MOUNTING HARDWARE - SEE ELECTRICAL AND TELECOMMUNICATIONS
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71	24" DEEP STAINLESS PASS THROUGH COUNTER INSTALLED 34" A.F.F. SEE ENLARGED PLANS FOR INFO.



CENTRAL ANNEX - LEVEL LL1 A FLOOR PLAN
1/8" = 1'-0"



Project Information:

19018

COK PUBLIC SAFETY COMPLEX

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Seal:



Consultant:

Architects Design Group

#	ISSUE	DATE
2	ADD #02.1	02/17/21
3	ADD #03.1	02/24/21
4	ADD #04.1	03/03/21

Issue Date: FEBRUARY 01, 2021

PK: DAVID COLLINS

PM: JOHN THURMAN

PA: LAUREN BUSH /

Drawn By: JW

Checked By: BP

Drawing Info:

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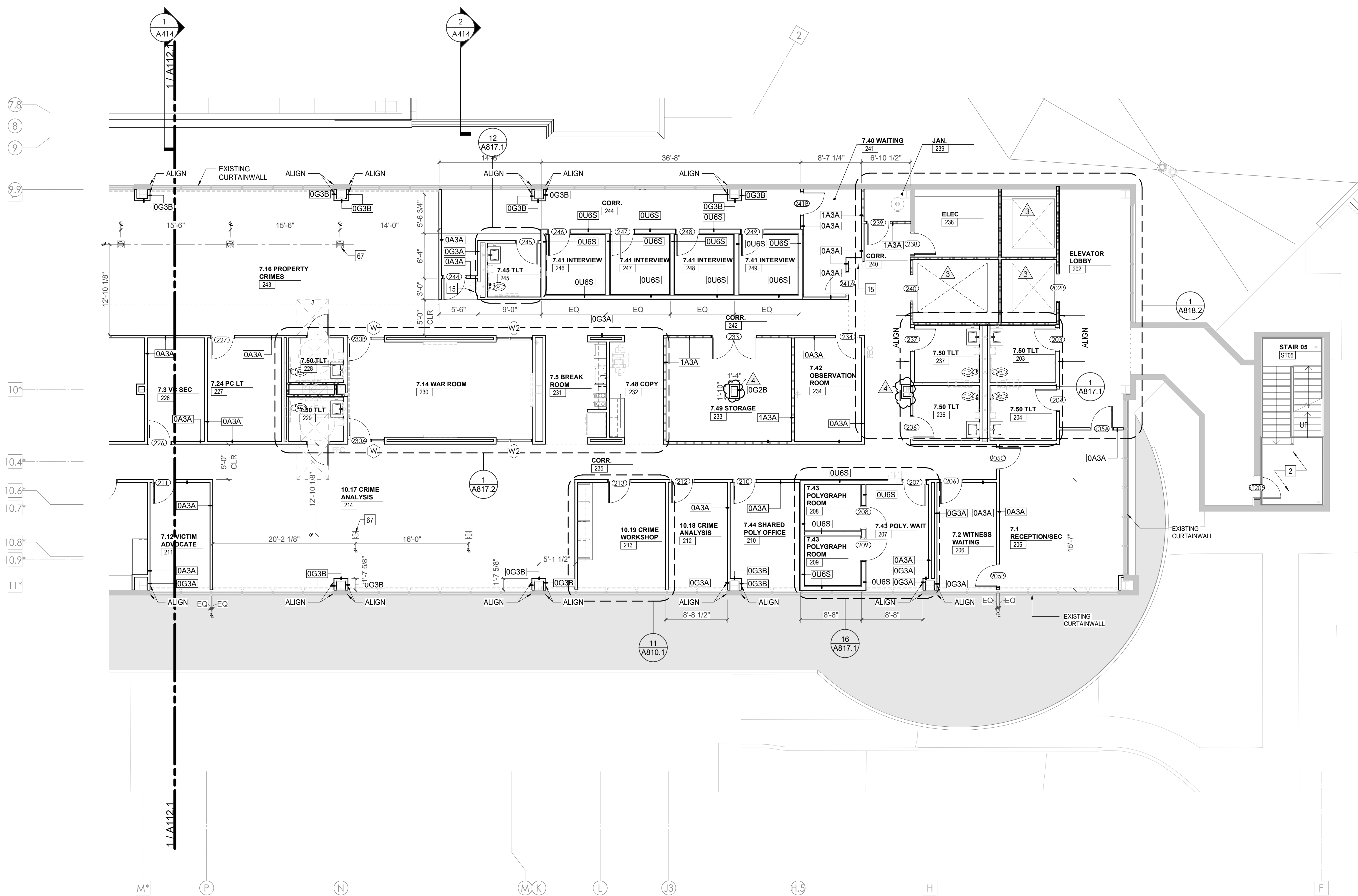
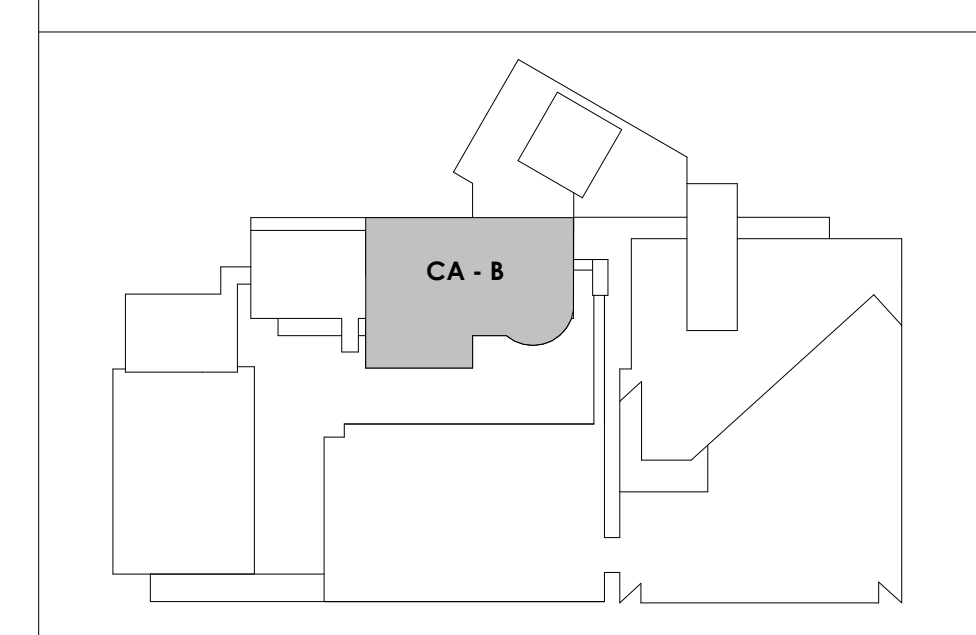
CA - LEVEL LL1 B
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KEY PLAN



1/8" = 1'-0"
CENTRAL ANNEX - LEVEL LL1 B FLOOR PLAN
A112.2



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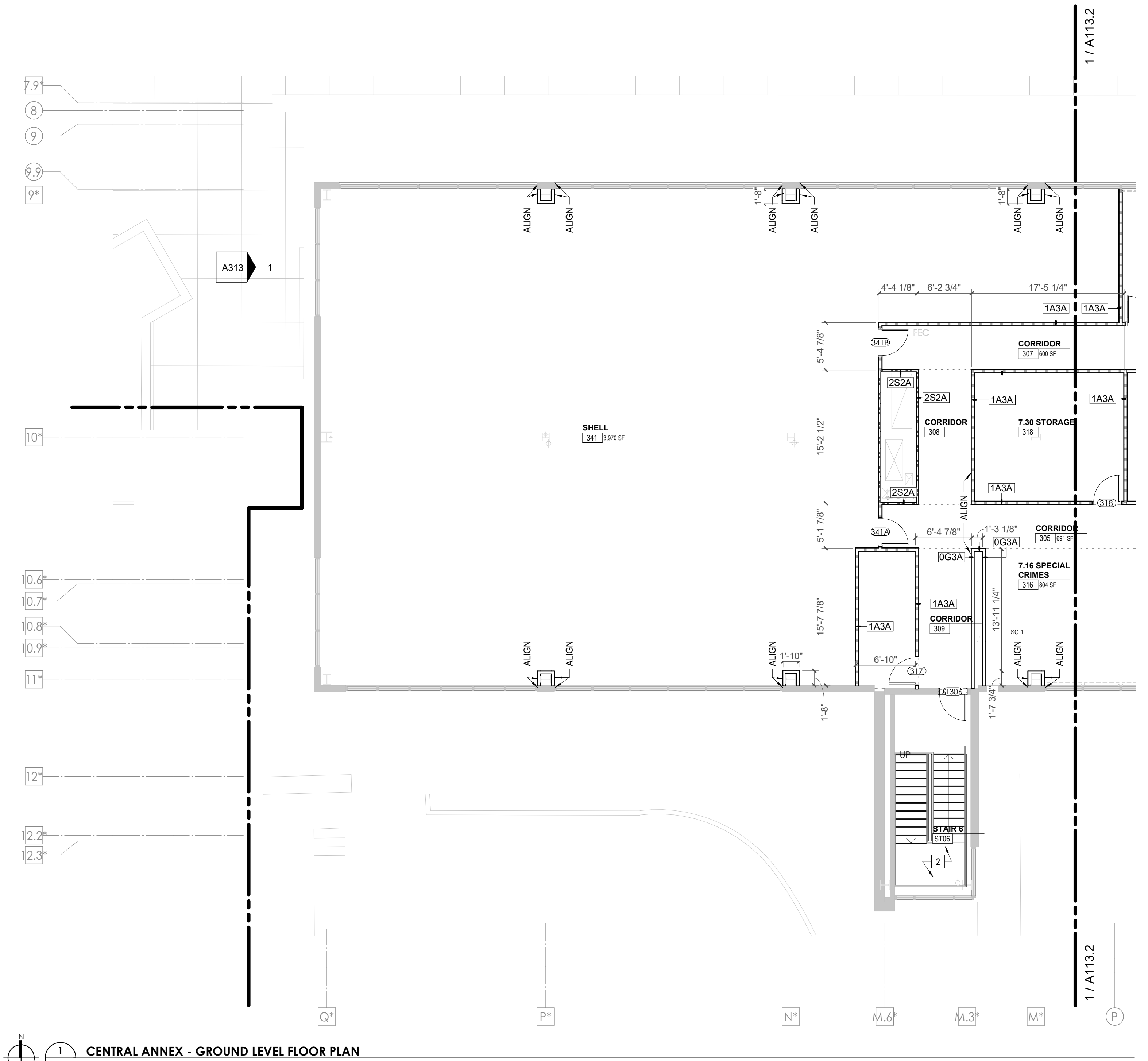
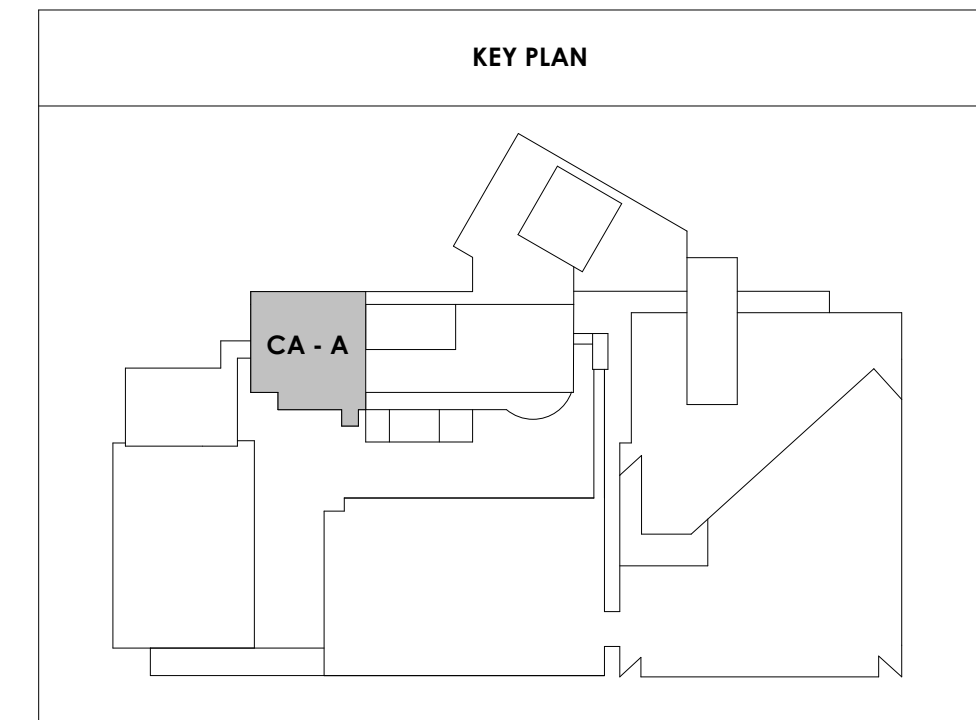
Drawing Info:

A113.1

CA - LEVEL GROUND A FLOOR PLAN

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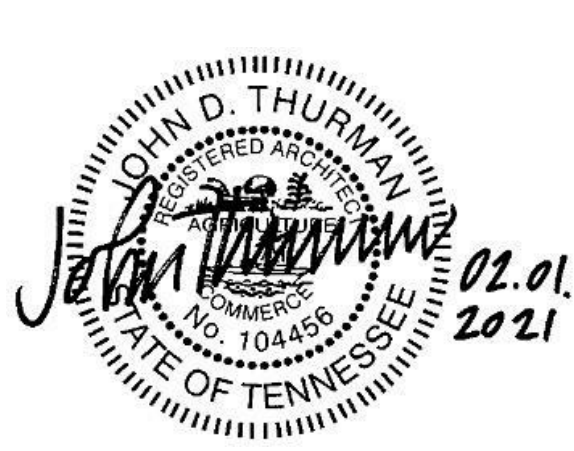
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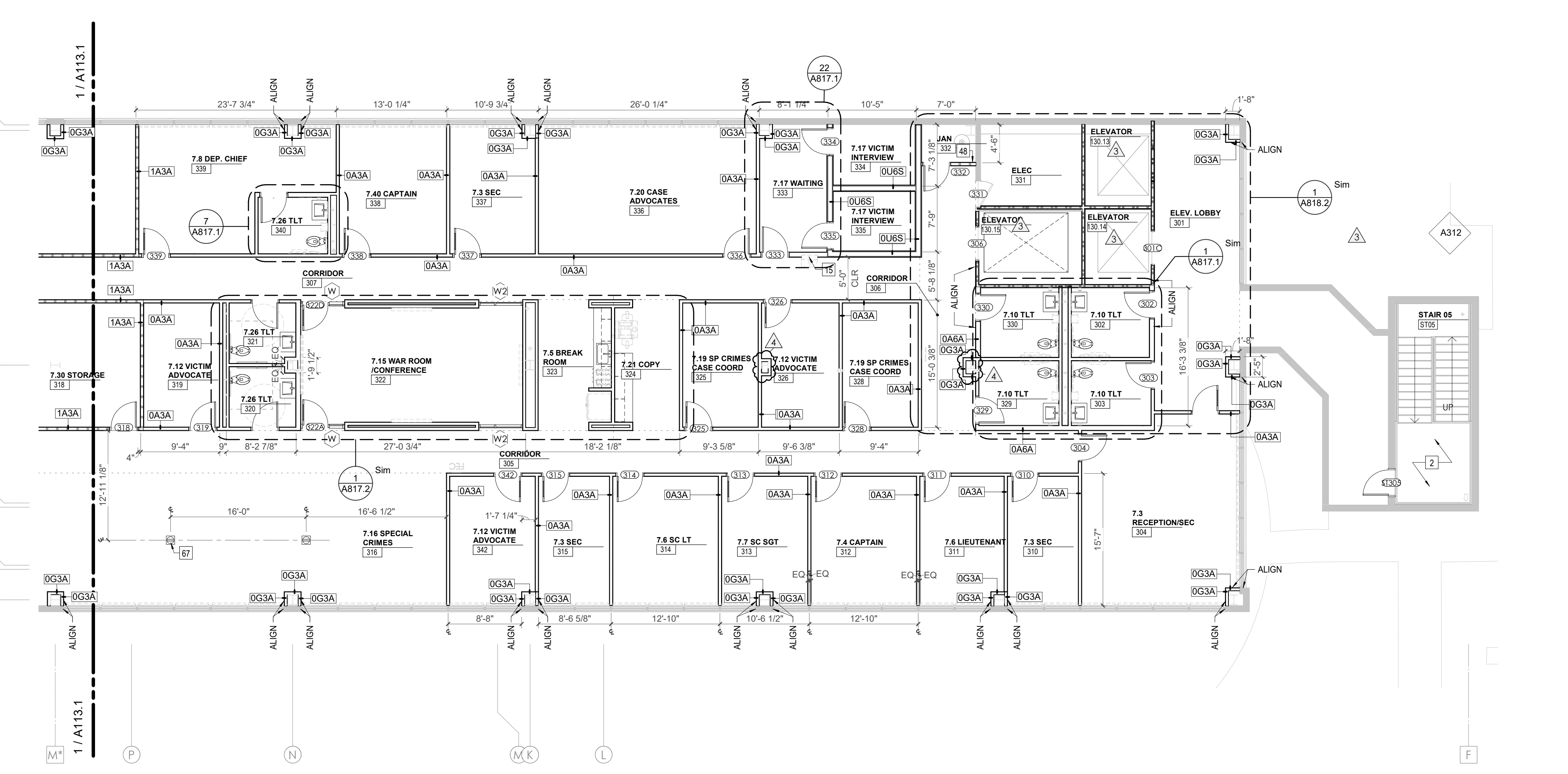
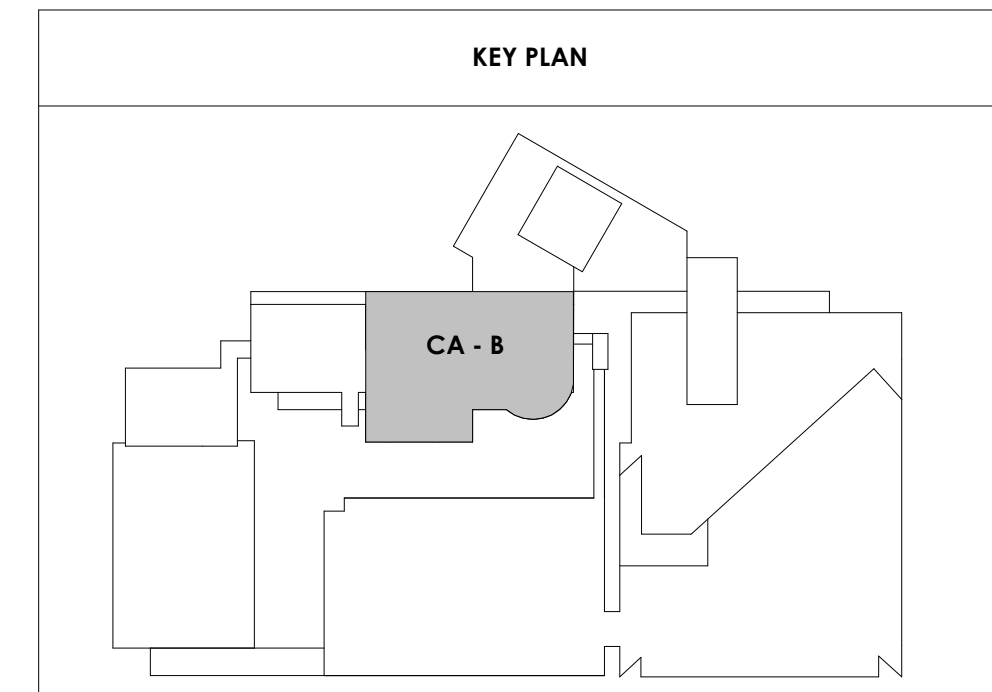
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9	OVERHEAD COILING DOOR SEE MANUF. REQ'S
10	OWNER PROVIDED WOOD PEW SEATING - N.I.C.
11	OWNER PROVIDED 36" DEEP OPEN SHELVING - N.I.C.
12	18" X 24" X 72" HEAVY DUTY LOCKER WITH DRAWER/BENCH (TYPE 1)
13	18" X 24" X 72" HEAVY DUTY THREE TIER LOCKERS (TYPE 2)
14	NEW MASS THRU LOCKERS - TYPE 3
15	RECESSED SIDE ARMS LOCKERS (ONE FOUR DOOR UNIT AT EACH DOOR)
16	PUBLIC WEAPONS STG LOCKERS - TABLET PHONE WALL LOCKERS WITH 12 DOORS (TYPE 5)
17	CANOPY ABOVE (DASHED)
18	OWNER PROVIDED DRYING CABINETS - N.I.C.
19	OWNER PROVIDED COPIER - N.I.C.
20	PROVIDE REQ. BLOCKING FOR LOCATIONS WHERE WALL MOUNTED TV MONITORS ARE LOCATED. REFER TO EQUIPMENT PLANS FOR LOCATIONS
21	PROVIDE REQ. BLOCKING FOR ALL MARKER BOARD LOCATIONS
22	KNOX BOX (RECESSED)
23	RECESSED CELL PHONE LOCKERS TO MATCH METAL WALL PANEL
24	METAL DETECTOR ENTRY SECURITY
25	MOP SINK - SEE PLUMBING
26	18" DEEP BOOKSHELVES
27	12" DEEP COUNTER ON L2X2X1/4" HEAVY DUTY WELDED ANGLE SUPPORT BRACKETS
28	24" DEEP COUNTER ON L2X2X1/4" HEAVY DUTY WELDED ANGLE SUPPORT BRACKETS
29	30" DEEP COUNTER ON L2X2X1/4" HEAVY DUTY WELDED ANGLE SUPPORT BRACKETS
30	18" DEEP COUNTER ON L2X2X1/4" HEAVY DUTY WELDED ANGLE SUPPORT BRACKETS
31	PROVIDE NEW HANDRAILS, GUARDRAILS AND EGRESS STAIR ILLUMINATION. PREP AND PAINT EXISTING STAIR & WALLS TO REMAIN
32	OPERABLE FOLDING PARTITION
33	NEW DROP BOX
34	HIGH LOW WATER COOLER
35	OWNER PROVIDED HIGH DENSITY MOBILE STORAGE SYSTEM AND OVERHEAD RAILS
36	6" DEEP SHELF
37	ABANDON EXISTING ELEVATOR
38	EXISTING FULL HEIGHT SPANDREL PANEL
39	TWO-WAY COMMINGATOR (BLACK FINISH). PROVIDE CUTSHEET AND VERIFY COLOR SELECTION WITH MFR PRIOR TO PURCHASE - BASIS OF DESIGN AUITTS BY C.R. LAURENCE
40	OWNER PROVIDED REFRIGERATOR UNDERCOUNTER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
41	OWNER PROVIDED REFRIGERATOR UNDERCOUNTER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
42	OWNER PROVIDED BLUN COFFEE MAKER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
43	OWNER PROVIDED MICROWAVE UNDERCOUNTER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
44	OWNER PROVIDED UNDERCOUNTER DISHWASHER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
45	OWNER PROVIDED COOKTOP AND HOOD, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
46	OWNER PROVIDED ICE MAKER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
47	NEW WATER HEATER - SEE PLUMBING
48	WALL MOUNTED MOP & BROOM HOLDER
49	APPLY TRANSLUCENT FILM TO INSIDE FACE OF GLAZING
50	IMPACT RESISTANT STEEL BOLLARD. GENERAL LOCATION SHOWN. COORDINATE LOCATION IN FIELD. REFER TO DETAIL 13A500.
51	NEW CONCRETE RAMP. SEE SITE DETAILS AS400 & STRUCTURAL DRAWINGS FOR INFO.
52	NEW SHOOTING RANGE. SEE SHOOTING RANGE PLANS A108 FOR INFO.
53	PROVIDE WHEEL STOPS AT ACCESSIBLE PARKING LOCATIONS
54	NEW FOLDING ARM. SEE ELECTRICAL PLAN FOR ADDITIONAL INFORMATION
55	NEW BADGE IN ACCESS READER. SEE SHEET AS100 AND ELECTRICAL FOR ADDITIONAL INFORMATION
56	RESTRIP PARKING TO ACCOMMODATE FOR ACCESSIBLE PARKING SPACES SHOWN. REFER TO CIVIL FOR ADA SIGNAGE AND PARKING SYMBOLS
57	NEW TRENCH DRAIN - SEE PLUMBING
58	NEW HOSE BIB - SEE PLUMBING
59	EYE WASH - SEE PLUMBING
60	1" FLUSH FLOOR TO FLOOR 2 HR EXPANSION JOINT (TYPE 1) TO MATCH ADJACENT TILE - SEE STRUC AND DETAILS ON A111.2
61	1" FLUSH FLOOR TO FLOOR 2 HR EXPANSION JOINT (TYPE 2) TO MATCH ADJACENT CARPET - SEE STRUC AND DETAILS ON A111.2
62	1" FLUSH FLOOR TO WALL 2 HR EXPANSION JOINT (TYPE 3) TO MATCH ADJACENT CARPET - SEE STRUC AND DETAILS ON A111.2
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64	1" FLUSH WALL/CEILING TO WALL/CEILING EXPANSION JOINT (TYPE 5) TO MATCH ADJACENT PAINT COLOR - SEE STRUC AND DETAILS ON A111.2
65	1" EXPANSION JOINT (TYPE 6) TO MATCH ADJACENT BRICK - SEE STRUC AND DETAILS
66	ADA PUSH BUTTON
67	FLOOR BOX - VERIFY FINAL LOCATION PRIOR TO INSTALLATION W/ ARCHITECT, COORDINATE W/ SYSTEMS FURNITURE - SEE ELECTRICAL
68	OWNER PROVIDED VENDING MACHINE, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
69	CEILING MOUNTED TV. PROVIDE NECESSARY MOUNTING HARDWARE - SEE ELECTRICAL AND TELECOMMUNICATIONS
70	OWNER PROVIDED MICROWAVE, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
71	24" DEEP STAINLESS PASS THROUGH COUNTER INSTALLED 34" A.F.F. SEE ENLARGED PLANS FOR INFO.



1 / A113.1
 CENTRAL ANNEX - GROUND LEVEL FLOOR PLAN
 1/8" = 1'-0"



Project Information:

19018

COK PUBLIC SAFETY COMPLEX

900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:

Architects Design Group

#	ISSUE	DATE
2	ADD #02.1	02/17/21
4	ADD #04.1	03/03/21

Issue Date: FEBRUARY 01, 2021

PIC DAVID COLLINS

PM JOHN THURMAN

PA LAUREN BUSH /

Drawn By: CW

Checked By: BP

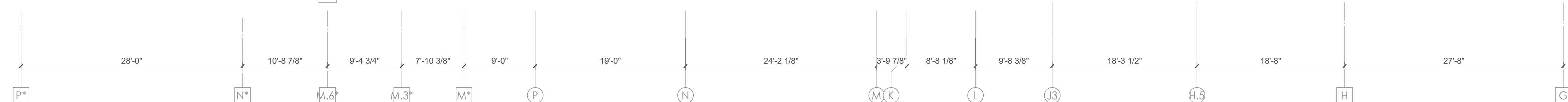
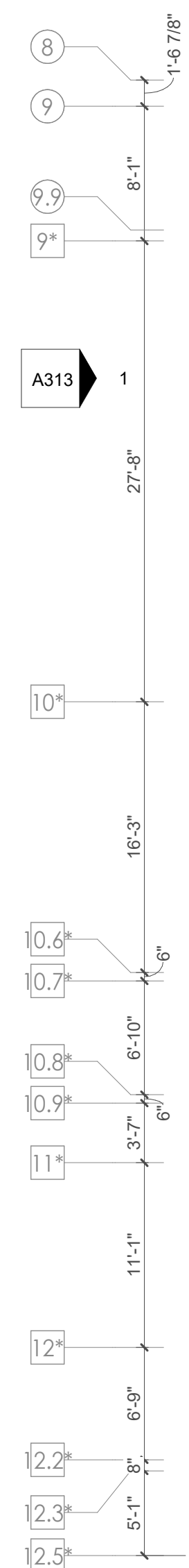
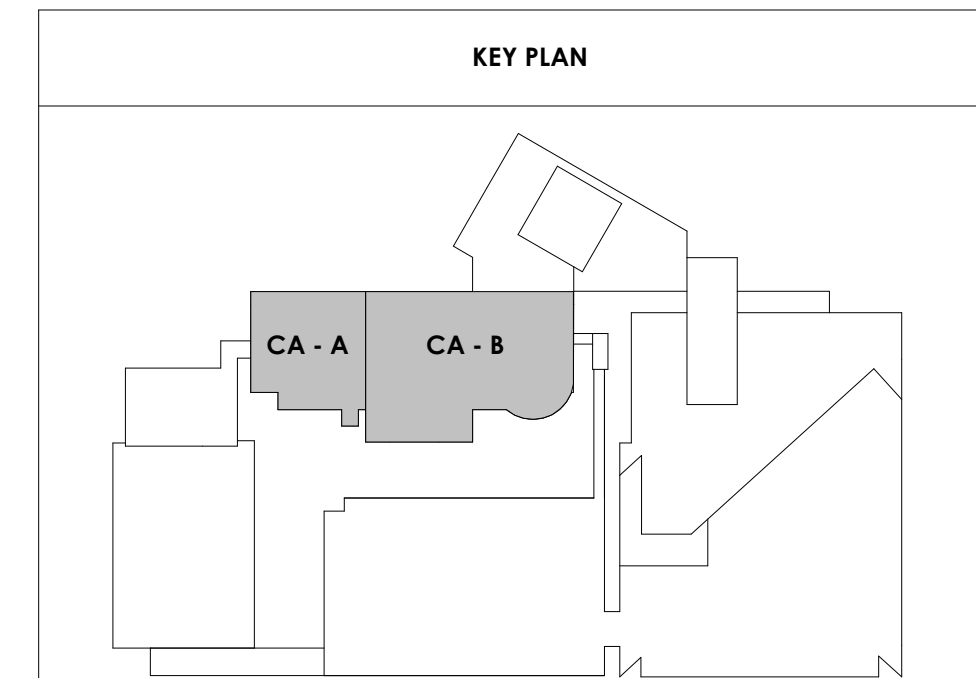
Drawing Info:

A114

CA - LEVEL
PENTHOUSE A FLOOR
PLAN

WALL LEGEND	
	2 HR PARTITION (ASSEMBLY VARIES)
	1 HR PARTITION (ASSEMBLY VARIES)
	BALLISTIC LEVEL 3 PARTITION (ASSEMBLY VARIES)
	NEW PARTITION (ASSEMBLY VARIES)
	EXISTING PARTITION
	EXISTING PARTITION TO BE DEMOLISHED

KEYNOTES - FLOOR PLANS	
TAG	TEXT
1	SOFFIT ABOVE (DASHED)
2	EXISTING EGRESS STAIR TO REMAIN - PREP & PAINT EXISTING HANDRAILS, STAIR, & WALLS TO REMAIN
3	EXISTING ELEVATOR TO BE MODIFIED/REPLACED AS REQUIRED TO REACH ALL FOUR (4) FLOORS. SEE ELEVATOR PLANS & DETAILS SHEET FOR INFO.
4	EXISTING ELEVATOR - REFURBISH EQUIPMENT & CONTROLS, NEW FINISHES TO INTERIOR OF CAR AS REQ'D. SEE ELEVATOR PLANS & DETAILS SHEET FOR INFO.
5	NEW FLOOR DRAIN - REFER TO PLUMBING
6	SHADED AREA DENOTES NEW CONCRETE FLOOR SLAB - REFER TO STRUC.
7	BALLISTIC LEVEL 3 RATING AND GLAZING - CONT. TO 8'-0" AFF MIN.
8	MOBILE VEHICLE LIFT
9	OVERHEAD COILING DOOR SEE MANUF. REQ'S
10	OWNER PROVIDED WOOD PEW SEATING - N.I.C.
11	OWNER PROVIDED 36" DEEP OPEN SHELVING - N.I.C.
12	18" X 24" X 72" HEAVY DUTY LOCKER WITH DRAWER/BENCH (TYPE 1)
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39	TWO-WAY COMMUNICATOR (BLACK FINISH). PROVIDE CUTSHEET AND VERIFY COLOR SELECTION WITH MFR PRIOR TO PURCHASE - BASIS OF DESIGN
40	AUTTUS BY C.R. LAURENCE
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48	NEW WATER HEATER - SEE PLUMBING
49	WALL MOUNTED MOP & BROOM HOLDER
50	APPLY TRANSPARENT FILM TO INSIDE FACE OF GLAZING
51	IMPACT RESISTANT STEEL BOLLARD. GENERAL LOCATION SHOWN. COORDINATE LOCATION IN FIELD. REFER TO DETAIL 13A300.
52	NEW CONCRETE RAMP. SEE SITE DETAILS AS400 & STRUCTURAL DRAWINGS FOR INFO.
53	NEW SHOOTING RANGE. SEE SHOOTING RANGE PLANS A108 FOR INFO.
54	PROVIDE WHEEL STOPS AT ACCESSIBLE PARKING LOCATIONS
55	NEW FOLDING ARM. SEE ELECTRICAL PLAN FOR ADDITIONAL INFORMATION
56	NEW BADGE IN ACCESS READER. SEE SHEET AS120 AND ELECTRICAL FOR ADDITIONAL INFORMATION
57	RESTRIP PARKING TO ACCOMMODATE FOR ACCESSIBLE PARKING SPACES SHOWN. REFER TO CIVIL FOR ADA SIGNAGE AND PARKING SYMBOLS
58	NEW TRENCH DRAIN - SEE PLUMBING
59	NEW HOSE BIB - SEE PLUMBING
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72	24" DEEP STAINLESS PASS THROUGH COUNTER INSTALLED 34" A.F.F. SEE ENLARGED PLANS FOR INFO.



3/30/2021 5:09:38 PM
CENTRAL ANNEX - PENTHOUSE LEVEL OVERALL FLOOR PLAN
1/8" = 1'-0"



Project Information:

19018

COK PUBLIC SAFETY COMPLEX

900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:

Architects Design Group

#	ISSUE	DATE
3	ADD #03.1	02/24/21
4	ADD #04.1	03/03/21

Issue Date:	FEBRUARY 01, 2021
PK:	DAVID COLLINS
PM:	JOHN THURMAN
PA:	LAUREN BUSH /
Drawn By:	Author
Checked By:	BP

Drawing Info:

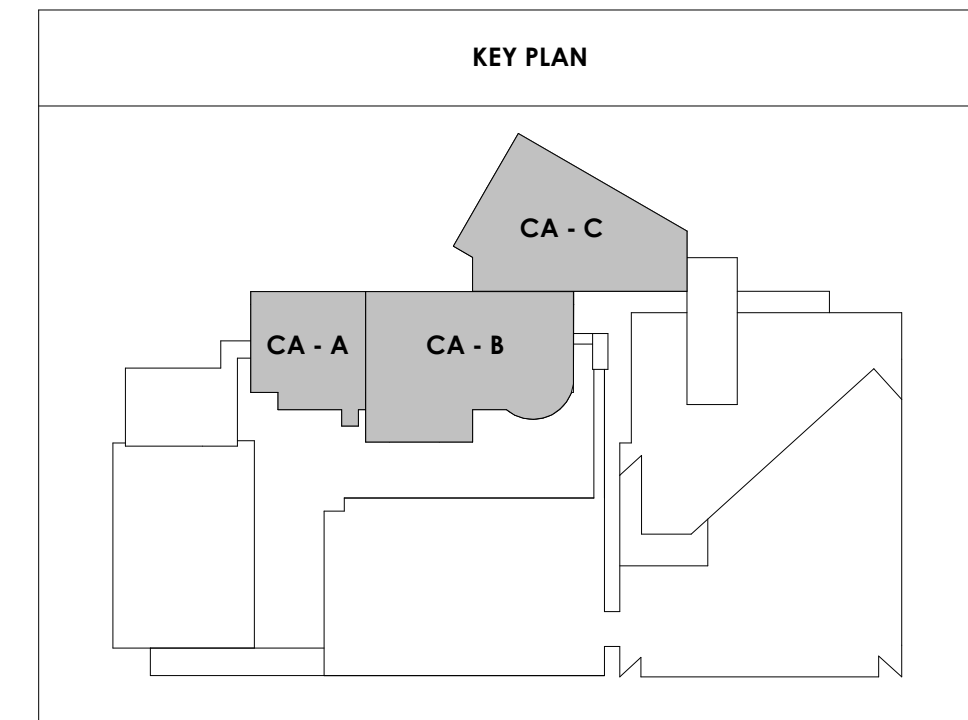
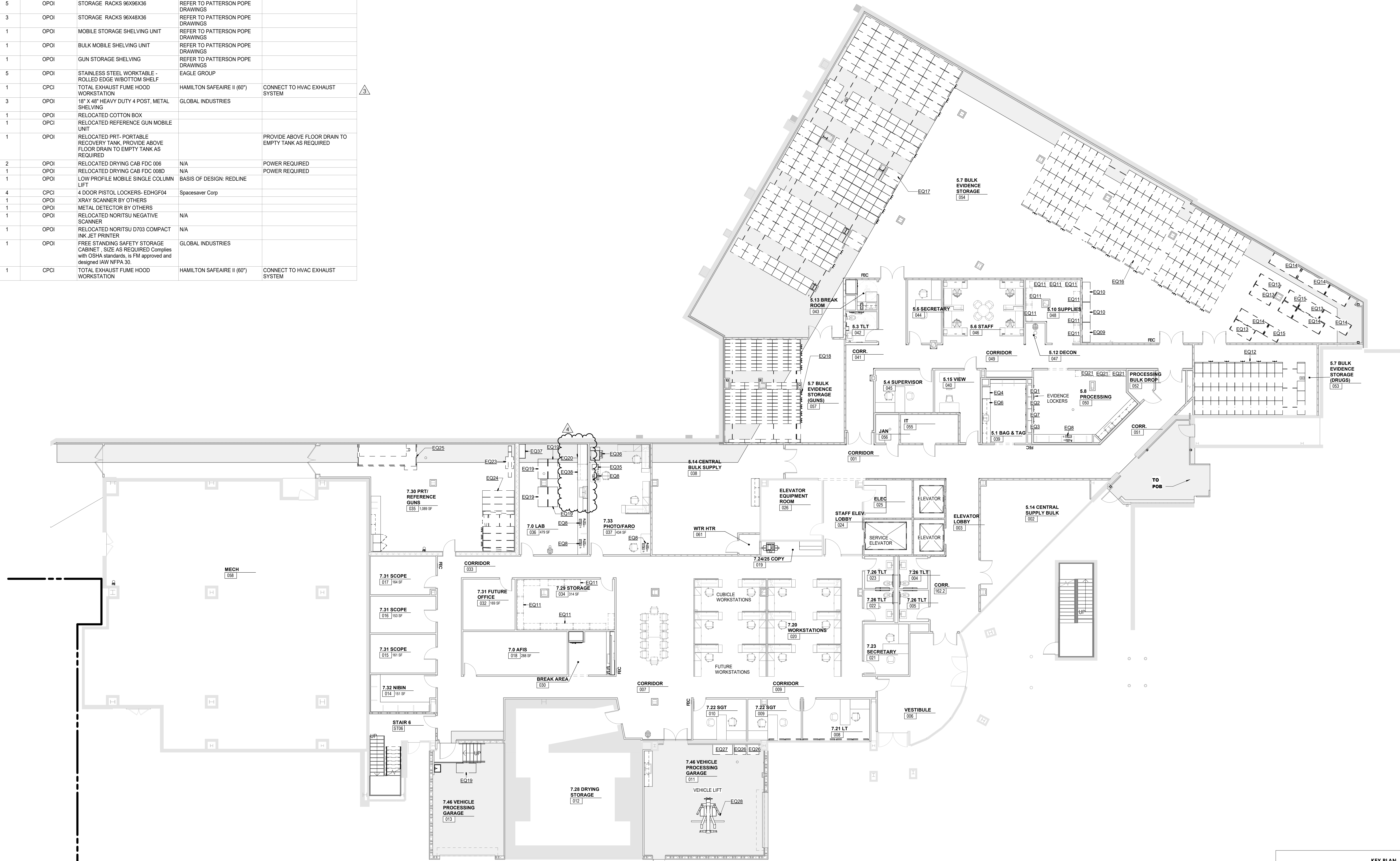
A115

CA - LEVEL LL3
EQUIPMENT PLAN

TAG	COUNT	RESPONSIBILITY	DESCRIPTION	BASIS OF DESIGN	CA REQUIREMENTS
EQ1	1	CPCI	6 Door Evidence Locker	Spacesaver Corporation	OWNER TO VERIFY PRIOR TO PURCHASE
EQ2	1	CPCI	6 Door Evidence Locker	Spacesaver Corporation	OWNER TO VERIFY PRIOR TO PURCHASE
EQ3	1	CPCI	8 Door Evidence Locker	Spacesaver Corporation	OWNER TO VERIFY PRIOR TO PURCHASE
EQ4	1	CPCI	REFRIGERATOR EVIDENCE LOCKER	Spacesaver Corporation	POWER REQUIRED
EQ6	1	OPOI	RELOCATED MONEY SAFE	N/A	
EQ7	1	CPCI	12 Door Evidence Locker	Spacesaver Corporation	OWNER TO VERIFY PRIOR TO PURCHASE
EQ8	5	OPOI	COMPUTER WORKSTATION	SHOWN FOR REFERENCE ONLY	POWER & DATA REQUIRED - COORDINATE LOCATION OF CABLE GROMMET IN COUNTER
EQ09	1	OPOI	RELOCATED TRUE GDM-45 HC LD	N/A	
EQ10	2	OPOI	RELOCATED FOGEL REACH IN THREE SECTION REFRIGERATOR	FOGEL 12 HP, 115V/601~ph, 12.7 amps	POWER REQUIRED
EQ11	20	OPOI	18" X 48" HEAVY DUTY 4 POST, METAL SHELVING	GLOBAL INDUSTRIES	
EQ12	1	OPOI	NARCOTICS STORAGE SHELVING	REFER TO PATTERSON POPE DRAWINGS	
EQ13	5	OPOI	STORAGE RACKS 96X72X36	REFER TO PATTERSON POPE DRAWINGS	
EQ14	5	OPOI	STORAGE RACKS 96X96X36	REFER TO PATTERSON POPE DRAWINGS	
EQ15	3	OPOI	STORAGE RACKS 96X48X36	REFER TO PATTERSON POPE DRAWINGS	
EQ16	1	OPOI	MOBILE STORAGE SHELVING UNIT	REFER TO PATTERSON POPE DRAWINGS	
EQ17	1	OPOI	BULK MOBILE SHELVING UNIT	REFER TO PATTERSON POPE DRAWINGS	
EQ18	1	OPOI	GUN STORAGE SHELVING	REFER TO PATTERSON POPE DRAWINGS	
EQ19	5	OPOI	STAINLESS STEEL WORKTABLE - ROLLED EDGE W/BOTTOM SHELF	EAGLE GROUP	
EQ20	1	CPCI	TOTAL EXHAUST FUME HOOD WORKSTATION	HAMILTON SAFEFAIRE II (60")	CONNECT TO HVAC EXHAUST SYSTEM
EQ21	3	OPOI	18" X 48" HEAVY DUTY 4 POST, METAL SHELVING	GLOBAL INDUSTRIES	
EQ23	1	OPOI	RELOCATED COTTON BOX		
EQ24	1	OPOI	RELOCATED REFERENCE GUN MOBILE UNIT		
EQ25	1	OPOI	RELOCATED PRT- PORTABLE RECOVERY TANK, PROVIDE ABOVE FLOOR DRAIN TO EMPTY TANK AS REQUIRED		PROVIDE ABOVE FLOOR DRAIN TO EMPTY TANK AS REQUIRED
EQ26	2	OPOI	RELOCATED DRYING CAB FDC 006	N/A	POWER REQUIRED
EQ27	1	OPOI	RELOCATED DRYING CAB FDC 008D	N/A	POWER REQUIRED
EQ28	1	OPOI	LOW PROFILE MOBILE SINGLE COLUMN LIFT	BASIS OF DESIGN: REDLINE	
EQ29	4	CPCI	4 DOOR PISTOL LOCKERS- EDHGF04	Spacesaver Corp	
EQ32	1	OPOI	KRAY SCANNER BY OTHERS		
EQ33	1	OPOI	METAL DETECTOR BY OTHERS		
EQ35	1	OPOI	RELOCATED MORITSU NEGATIVE SCANNER	N/A	
EQ36	1	OPOI	RELOCATED MORITSU D703 COMPACT INK JET PRINTER	N/A	
EQ37	1	OPOI	FREE STANDING SAFETY STORAGE CABINET, SIZE AS REQUIRED Complies with OSHA standards, is FM approved and designed IAW NFPA 30.	GLOBAL INDUSTRIES	
EQ38	1	CPCI	TOTAL EXHAUST FUME HOOD WORKSTATION	HAMILTON SAFEFAIRE II (60")	CONNECT TO HVAC EXHAUST SYSTEM

EQUIPMENT GENERAL NOTES:

- OPOI - OWNER PROVIDED, OWNER INSTALLED
- OPOI - OWNER PROVIDED, CONTRACTOR INSTALLED
- CPCI - CONTRACTOR PROVIDED, CONTRACTOR INSTALLED
- COORDINATE FINAL LOCATION OF ALL EQUIPMENT WITH OWNER. COORDINATE WITH MEP DRAWINGS, ELECTRICAL/ PLUMBING CONNECTION LOCATIONS
- PROVIDE NON COMPUTABLE BLOCKING AS REQUIRED FOR ALL ACCESSORIES, EQUIPMENT, ETC. AS NECESSARY PER MANUFACTURERS RECOMMENDATIONS
- PROVIDE BLOCKING, POWER AND JUNCTION BOX AT ALL WALL MOUNTED TELEVISIONS. COORDINATE FINAL LOCATIONS WITH TECHNOLOGY DRAWINGS AND OWNER.



1 SHEET - CENTRAL ANNEX - LEVEL LL3 EQUIPMENT PLAN
3/32" = 1'-0"



Project Information:

19018

COK PUBLIC SAFETY COMPLEX

900 East Oak Hill Ave, Knoxville, TN

Seal:



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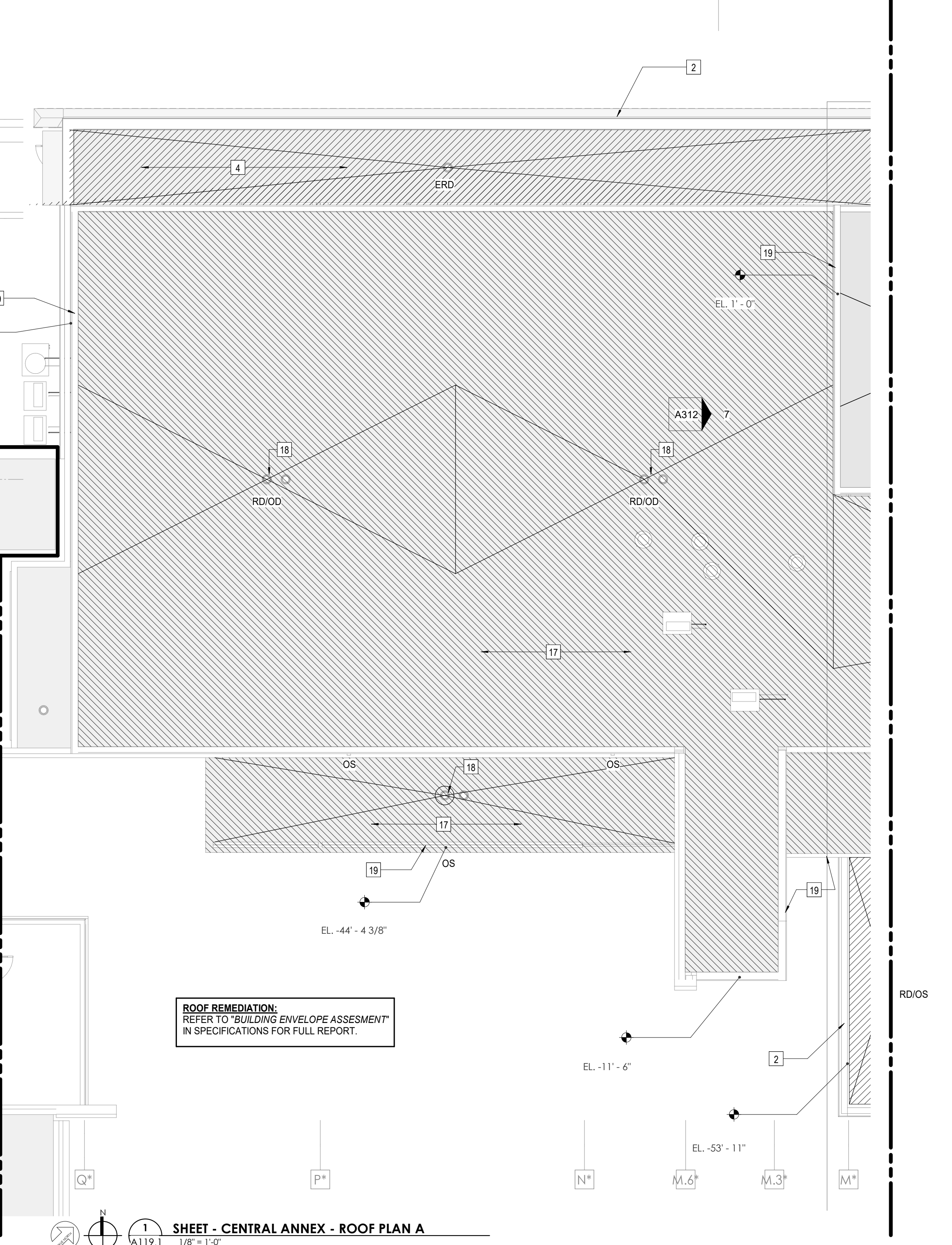
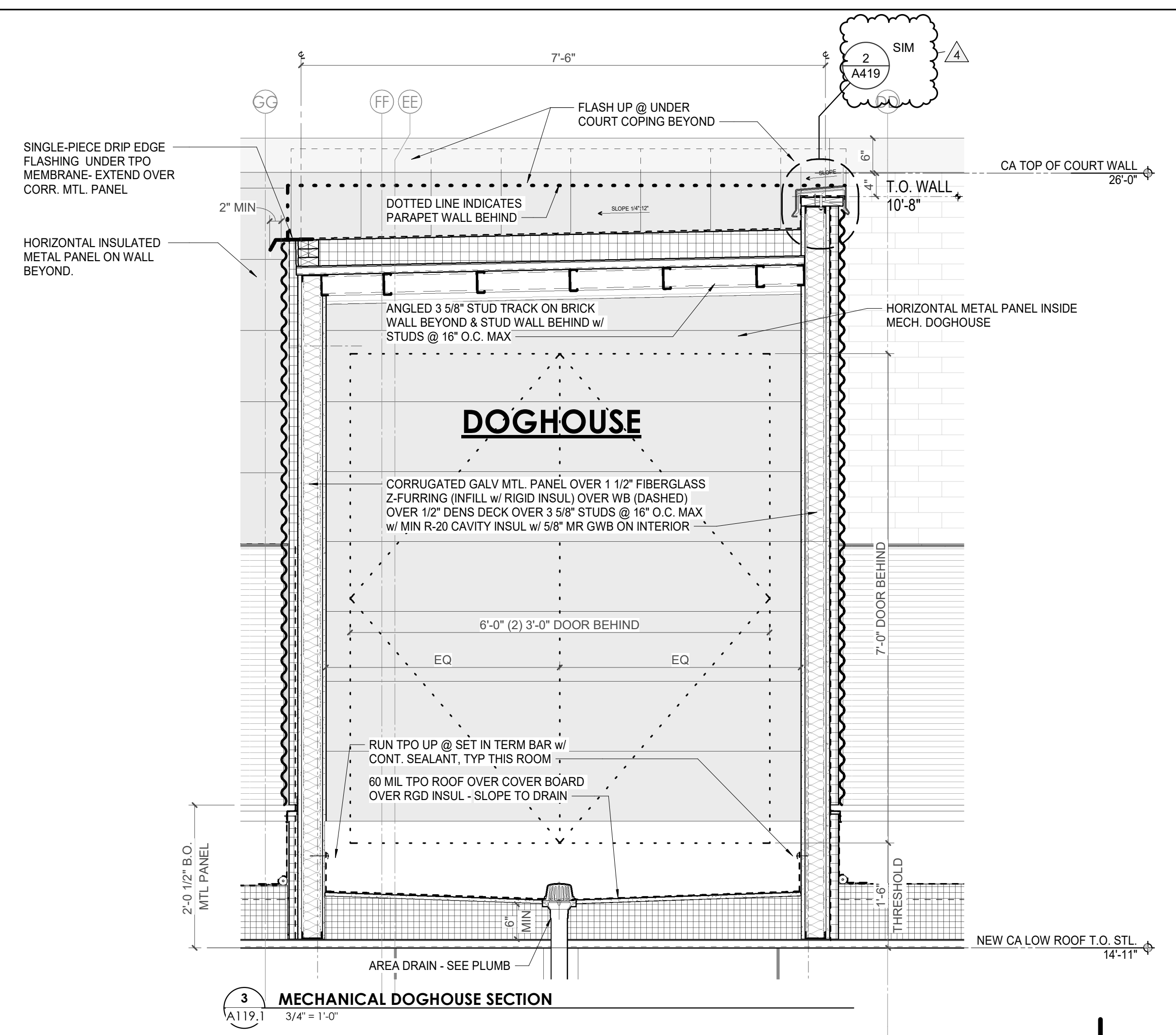
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4	ADD #04.1	03/03/21

Issue Date: FEBRUARY 01, 2021
 PIC: DAVID COLLINS
 PM: JOHN THURMAN
 PA: LAUREN BUSH /
 Drawn By: CW
 Checked By: BP

Drawing Info:

A119.1

CA - ROOF PLAN A



ROOF PLAN LEGEND

GRAPHICS

R1	EXISTING ROOF ASSEMBLY TO REMAIN
R2	NEW ROOF ASSEMBLY** ON EXIST. FLAT STRUCT. - SLOPE INSUL. TO DRAINS AS SHOWN - 1 HR FIRE RATING
R3	NEW ROOF ASSEMBLY** ON NEW SLOPED STRUCT. - 1 HR FIRE RATING
R4	NEW ROOF ASSEMBLY** ON NEW FLAT STRUCT. - SLOPE INSUL. TO DRAINS AS SHOWN - 1 HR FIRE RATING
	WALKPADS

** 20-YEAR, FULLY ADHERED, 60 MIL TPO ROOF MEMBRANE OVER COVER BOARD OVER CONT. R-30 (MIN) RIGID INSUL.

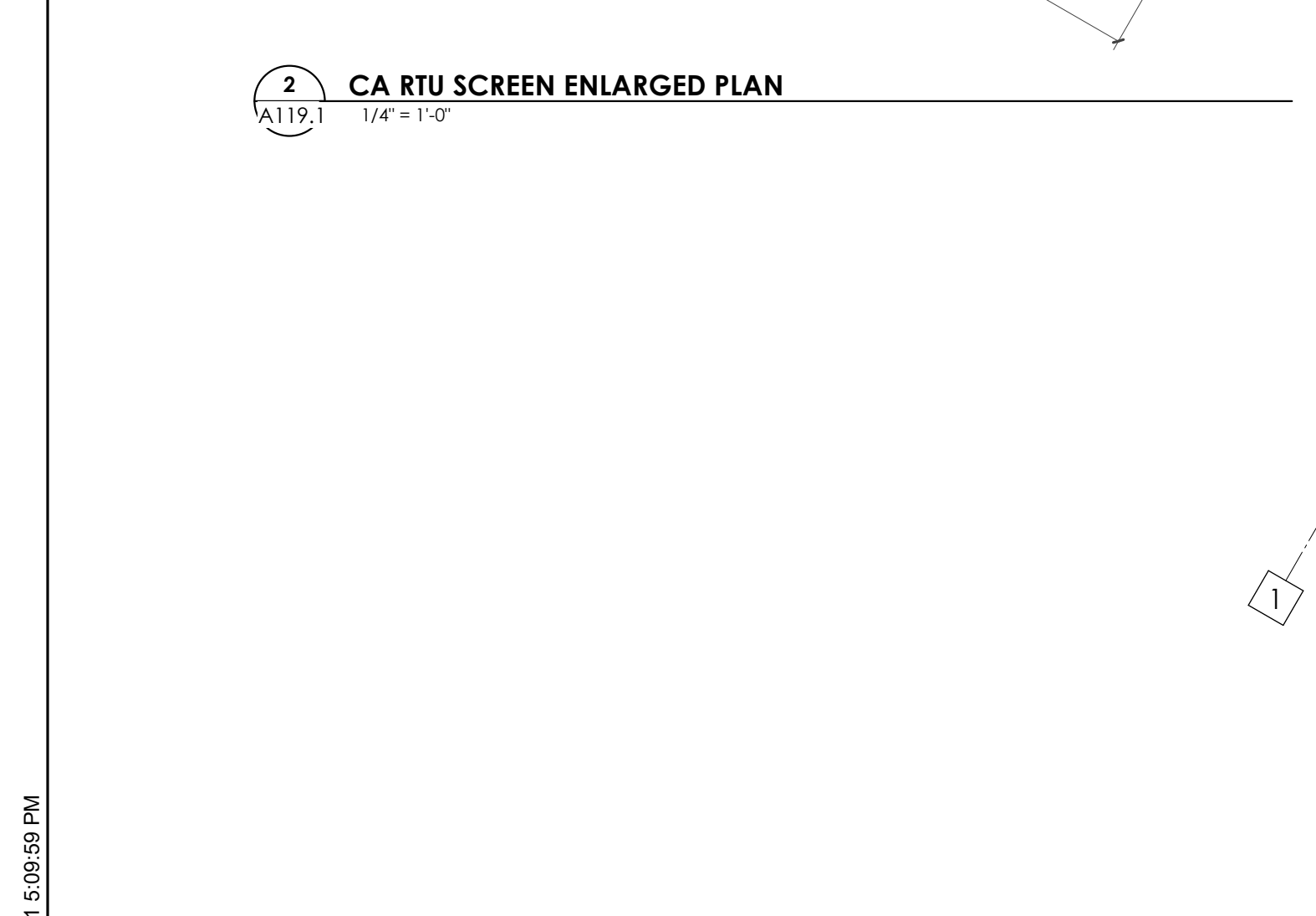
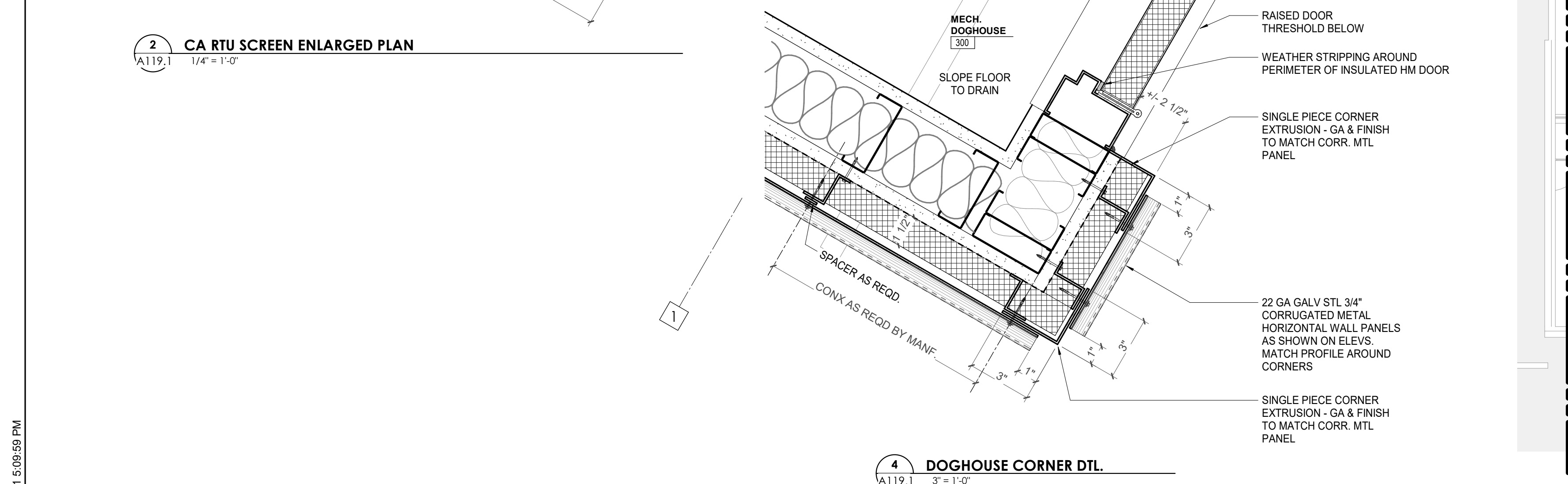
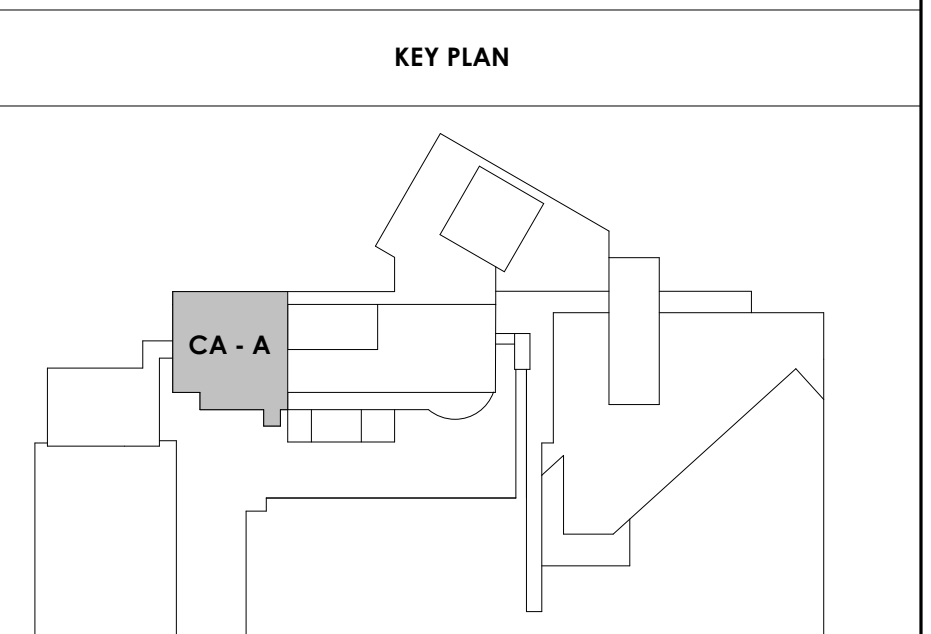
ABBREVIATIONS

RD	ROOF DRAIN	ERD	EXISTING ROOF DRAIN
OD	OVERFLOW DRAIN	OS	OVERFLOW SCUPPER

ROOF DRAIN SET @ +6" ABOVE ROOF DECK (ASSUMES R-5/IN (R-30 MIN))

KEYNOTE - ROOF PLAN

Tag	Text
1	EXISTING PARAPET & COPING TO REMAIN
2	NEW PARAPET WITH PREFINISHED METAL COPING TO MEET SPRI ES-1 STANDARD
3	NEW 20-YEAR, FULLY-ADHERED, 60 MIL TPO ROOF MEMBRANE OVER COVER BOARD AND CONTINUOUS R-30 POLYISO BUILT-UP INSULATION ON NEW FLAT STRUCTURE - 1 HR FIRE RATING
4	REMOVE EXISTING ROOF SYSTEM TO DECK AND PROVIDE NEW 20-YEAR, FULLY-ADHERED, 60 MIL TPO ROOF MEMBRANE OVER COVER BOARD AND CONTINUOUS R-30 POLYISO BUILT-UP INSULATION ON EXISTING FLAT STRUCTURE - 1 HR FIRE RATING
5	NEW 20-YEAR, FULLY-ADHERED, 60 MIL TPO ROOF MEMBRANE OVER COVER BOARD AND CONTINUOUS R-30 POLYISO BUILT-UP INSULATION ON NEW SLOPED STRUCTURE - 1 HR FIRE RATING
6	EXISTING ROOFING TO REMAIN - PATCH AND REPAIR AS REQUIRED FOR NEW PENETRATIONS
7	NEW POLYISO INSULATION CRICKET, SLOPED MIN. 1/4" PER 1'-0" TOWARDS ROOF DRAIN
8	EXIST. ROOF DRAIN TO BE ABANDONED - SEE STRUC. INFLLL DTL
9	NEW SCREEN AROUND ROOFTOP MECHANICAL UNIT
10	EXISTING WALKING PADS
11	NEW WALKING PADS AT NEW ROOF TOP EQUIPMENT
12	ELEVATED METAL GRATE AT ROOF TOP CHILLERS
13	4" WIDE PREMANUF. METAL GRATE STAIR WITH HANDRAIL UP TO CHILLER PLATFORM MOUNTED ON ISOLATION PADS
14	EXISTING ROOF HATCH TO REMAIN - VERIFY LOCATION IN FIELD
15	NEW ROOF HATCH W/ ACCESS SHIPS LADDER BELOW
16	PROVIDE NEW SAFETY RAILS AROUND EXISTING ROOF HATCH TO REMAIN - V11
17	REMOVE EXISTING ROOF SYSTEM TO DECK AND PROVIDE NEW 20-YEAR, FULLY-ADHERED, 60 MIL TPO ROOF MEMBRANE OVER COVER BOARD AND CONTINUOUS R-30 POLYISO BUILT-UP INSULATION ON EXISTING FLAT STRUCTURE - 1 HR FIRE RATING
18	REPLACE EXISTING ROOF DRAIN WITH COMBINATION ROOF DRAIN OVERFLOW DRAIN FIXTURES
19	REPLACE COPING AND FLASHING PER BUILDING ENVELOPE ASSESSMENT REPORTS WITH PREFINISHED METAL COPING TO MEET SPRI ES-1 STANDARD
20	REMOVE EXISTING ROOF SYSTEM TO DECK AND PROVIDE NEW 20-YEAR, FULLY-ADHERED, 60 MIL TPO ROOF MEMBRANE OVER COVER BOARD AND CONTINUOUS R-30 POLYISO BUILT-UP INSULATION ON EXISTING FLAT STRUCTURE - 1 HR FIRE RATING





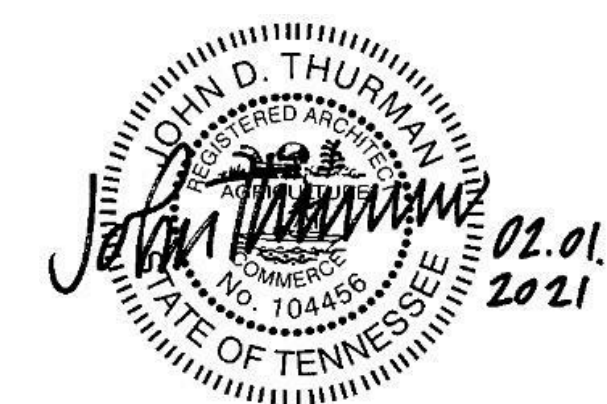
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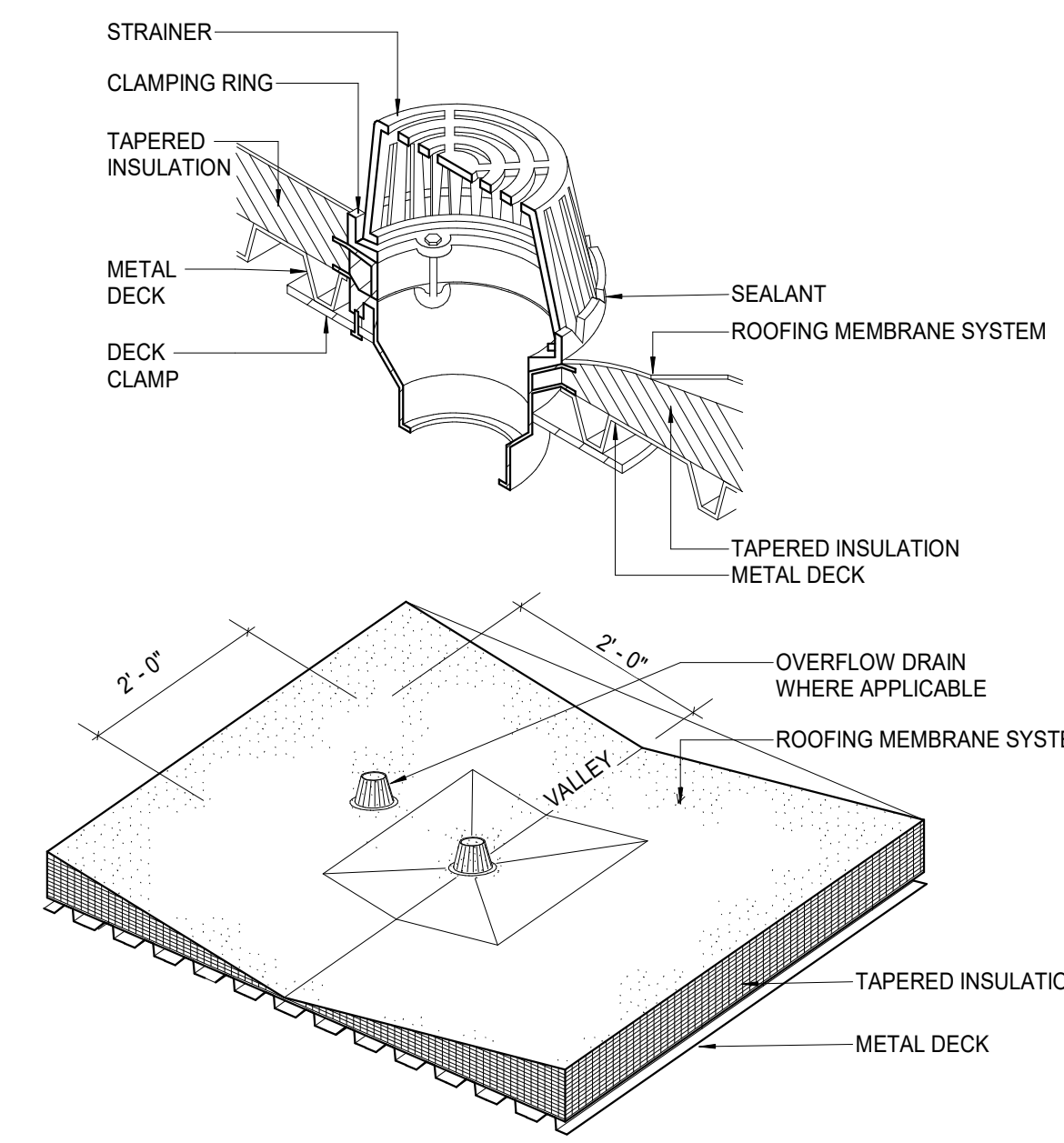
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Drawn By:	Author
Checked By:	BP

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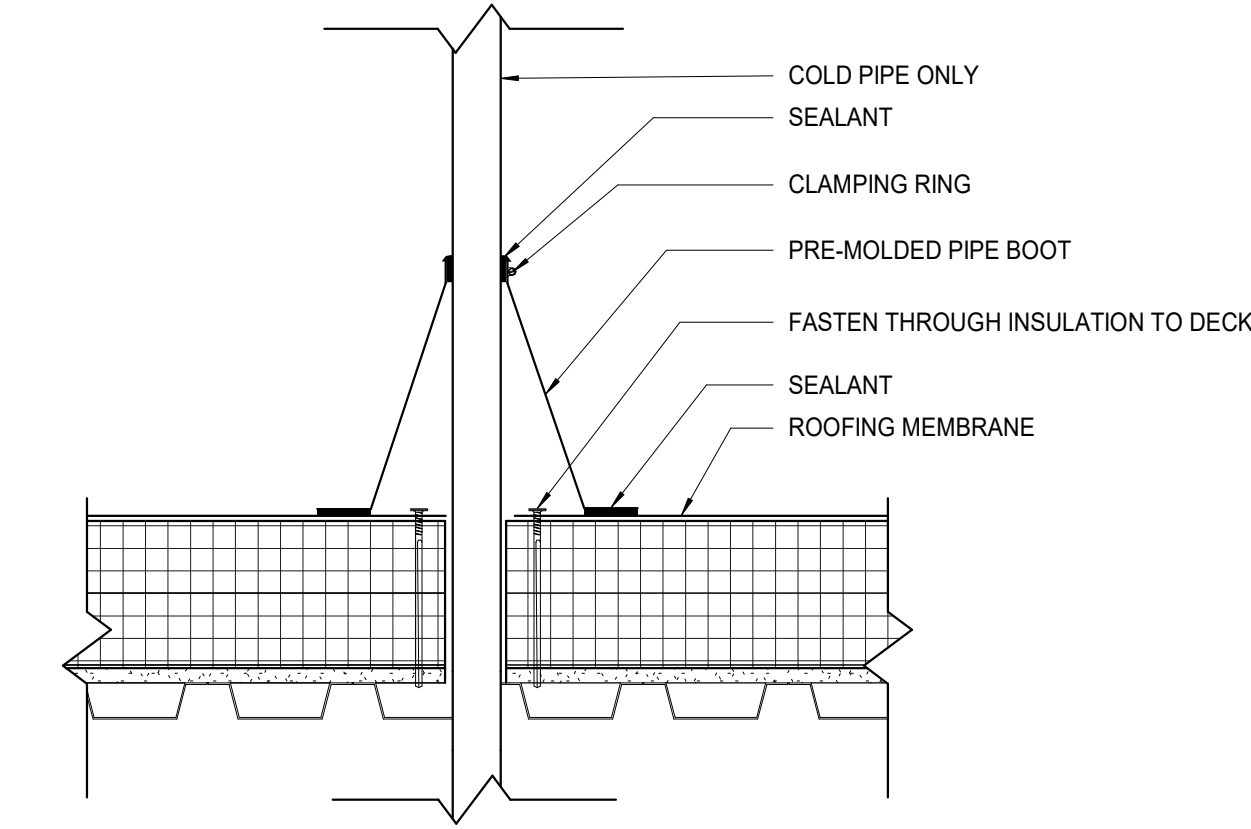
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ROOF DETAILS

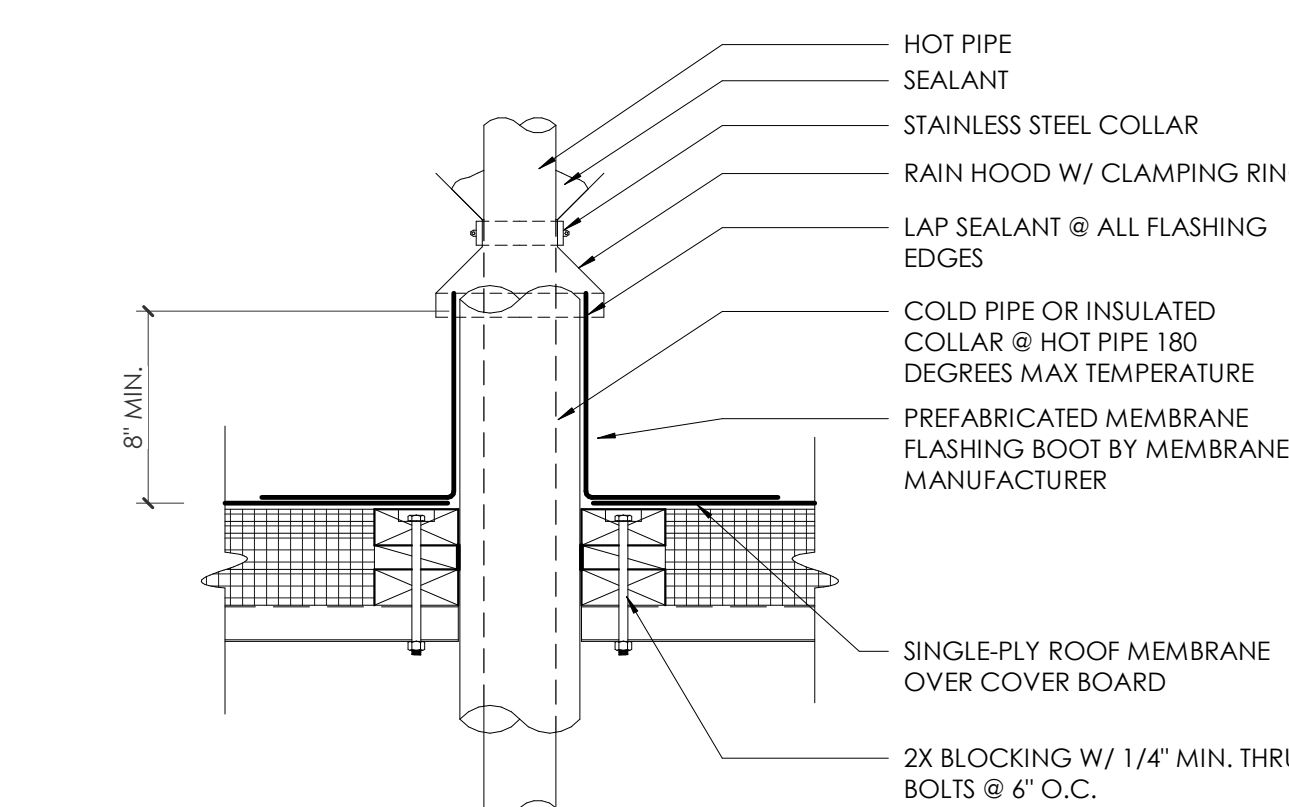
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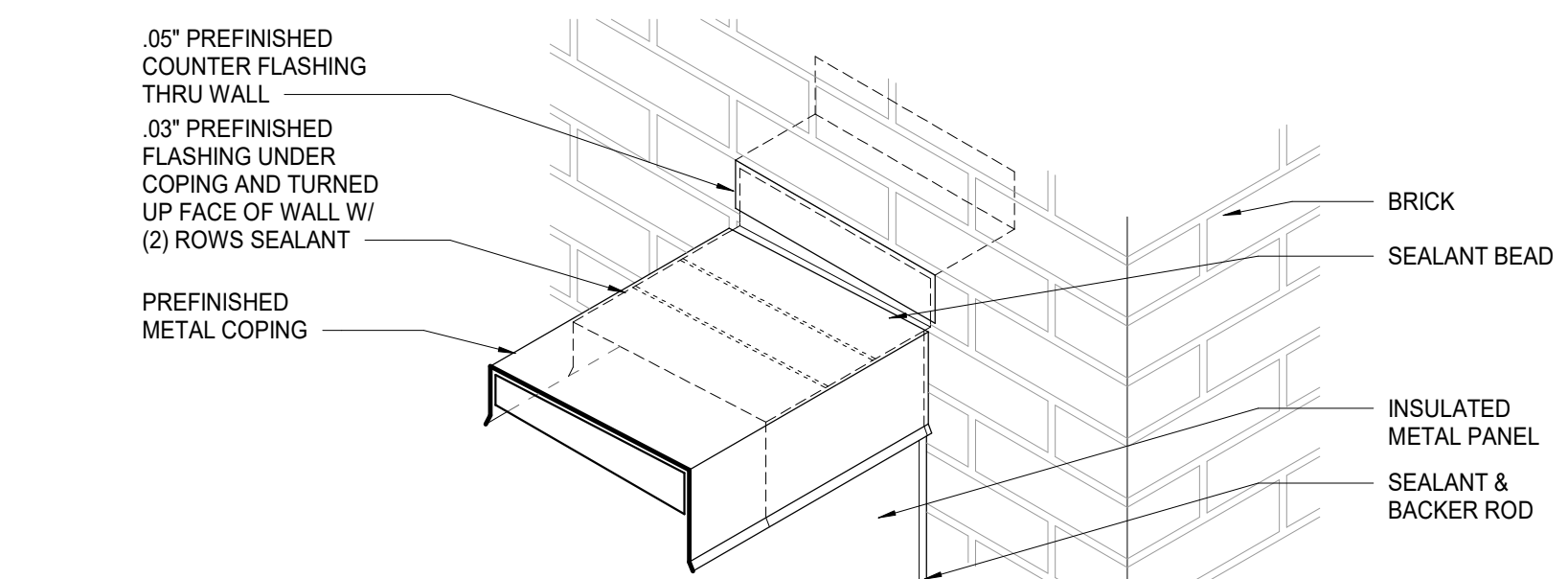
3 ROOF/OVERFLOW DRAIN
A119.4 1' = 1'-0"



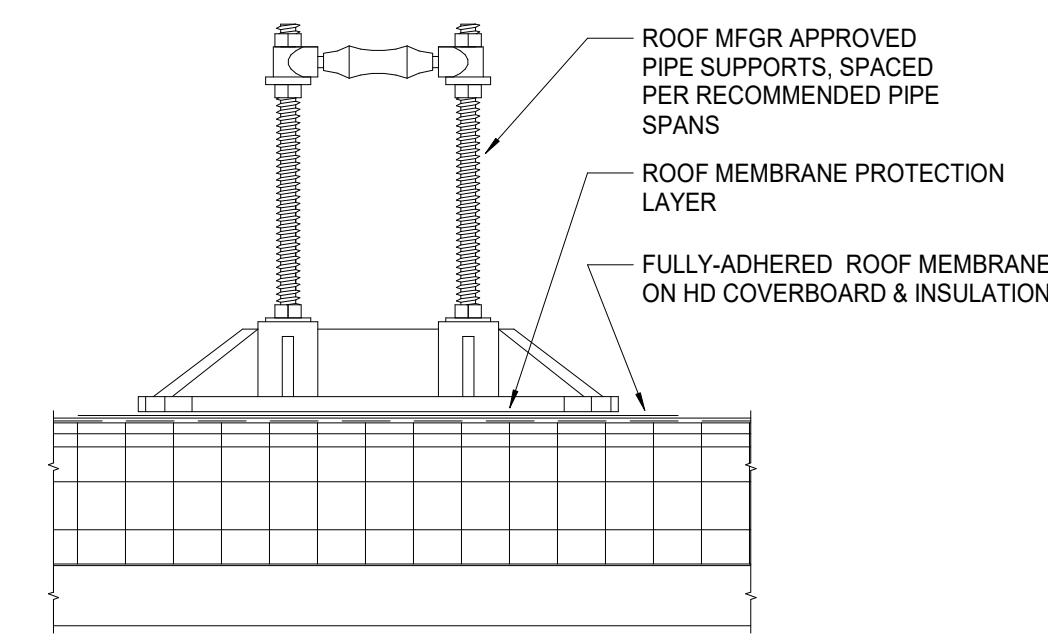
4 COLD PIPE ROOF PENETRATION
A119.4 1 1/2" = 1'-0"



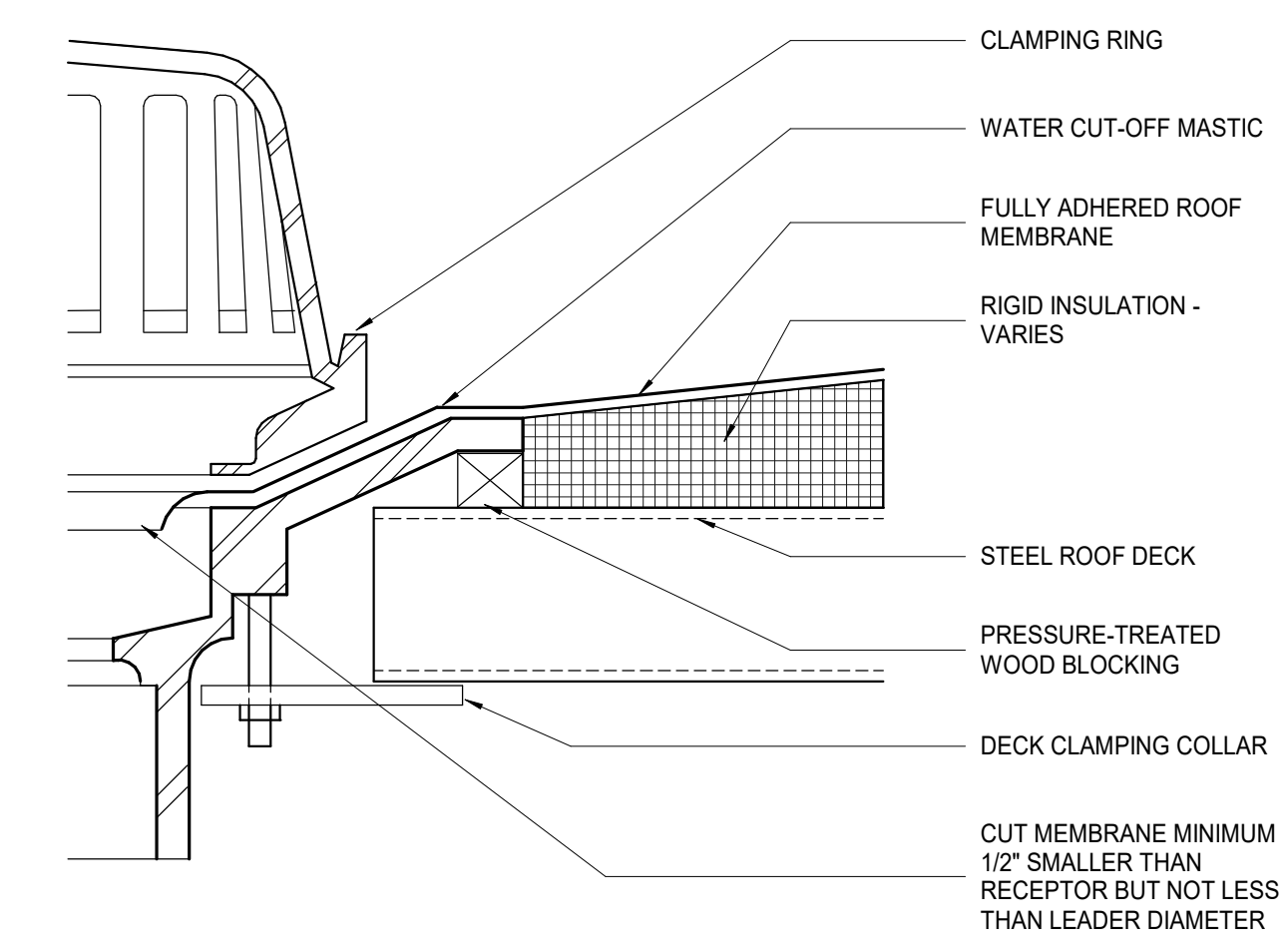
7 HOT PIPE PENETRATION
A119.4 1 1/2" = 1'-0"



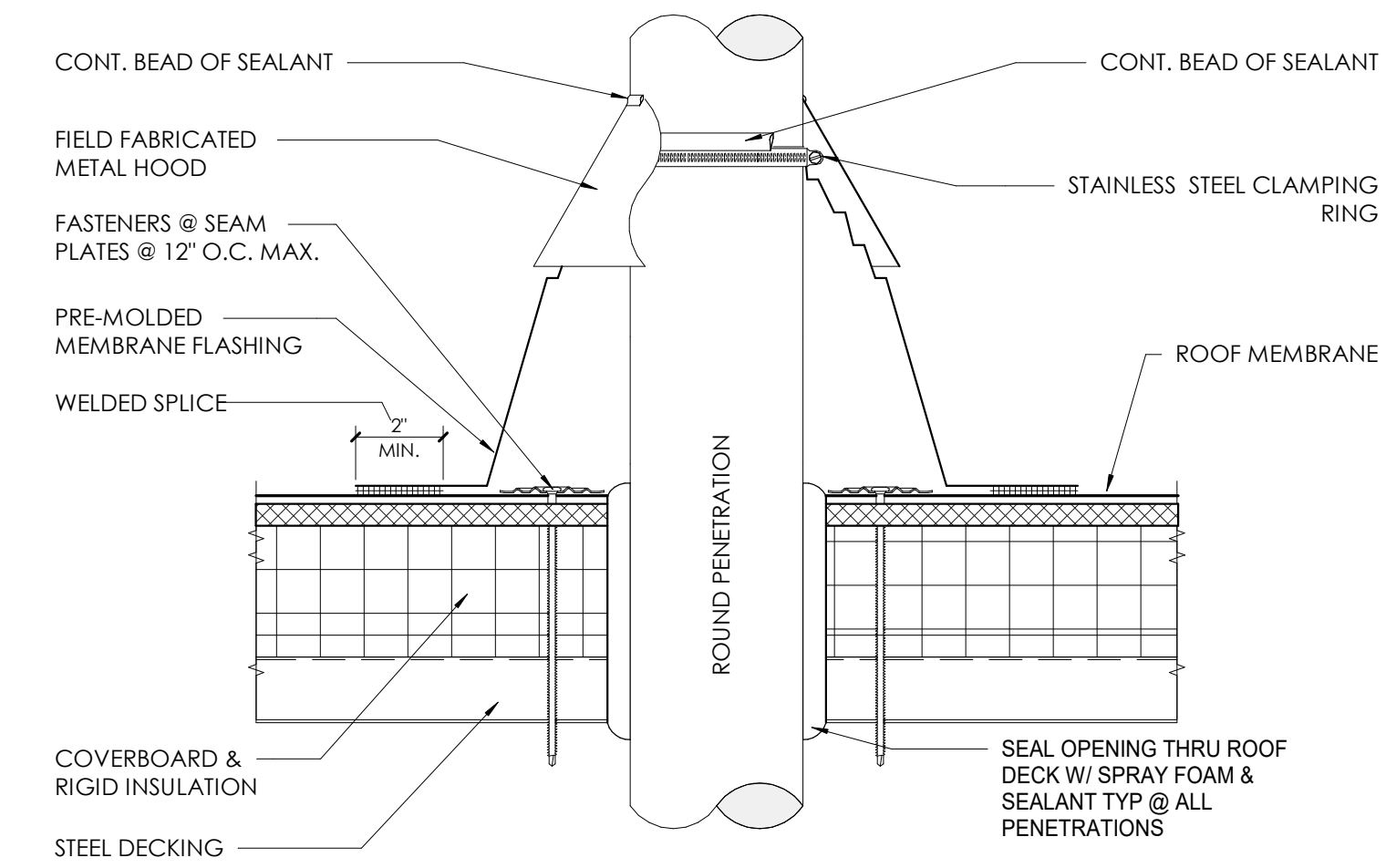
8 ISO @ METAL PANEL COPING & BRICK
A119.4 1 1/2" = 1'-0"



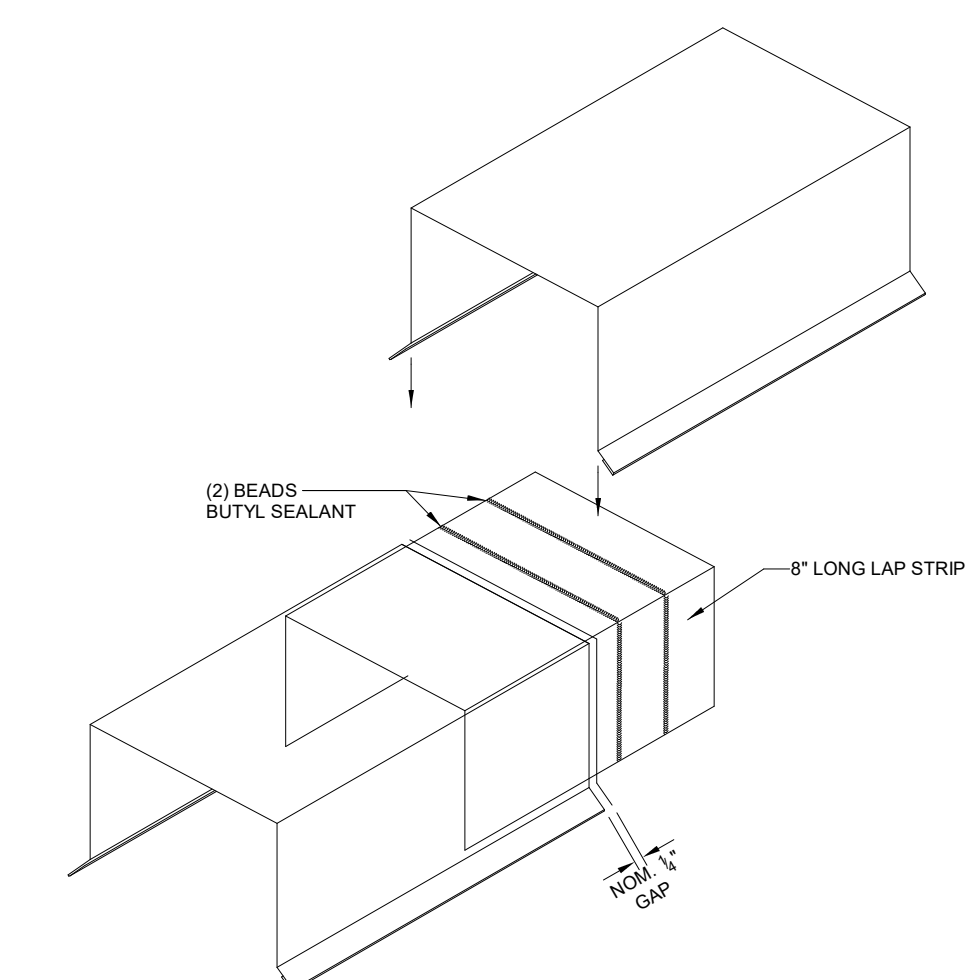
11 ROOF PIPE SUPPORT
A119.4 3' = 1'-0"



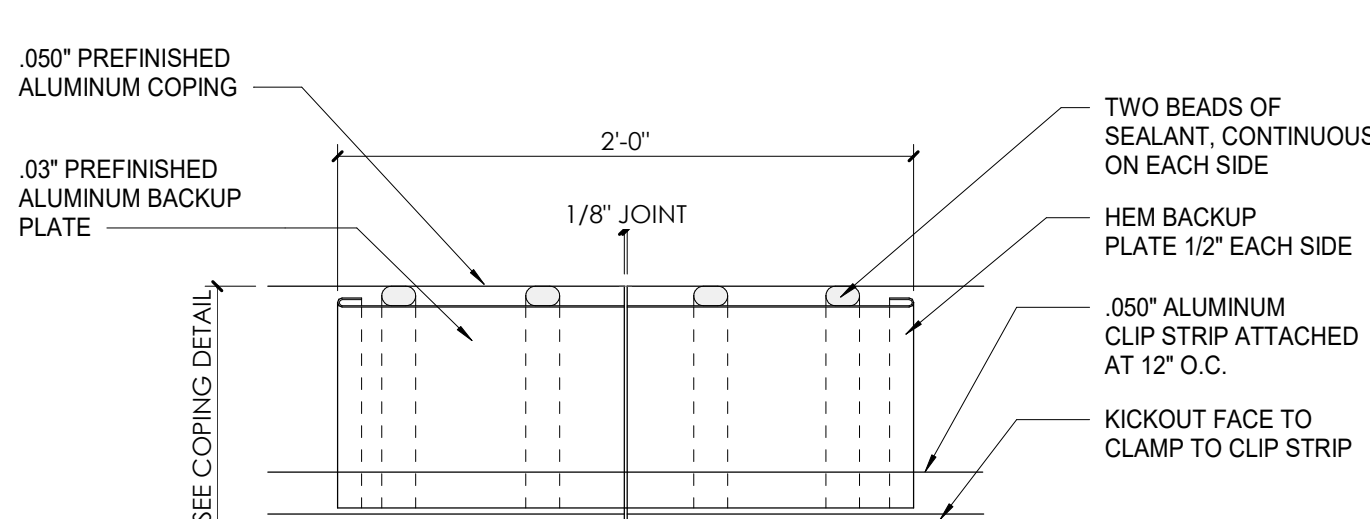
1 ROOF DRAIN
A119.4 3' = 1'-0"



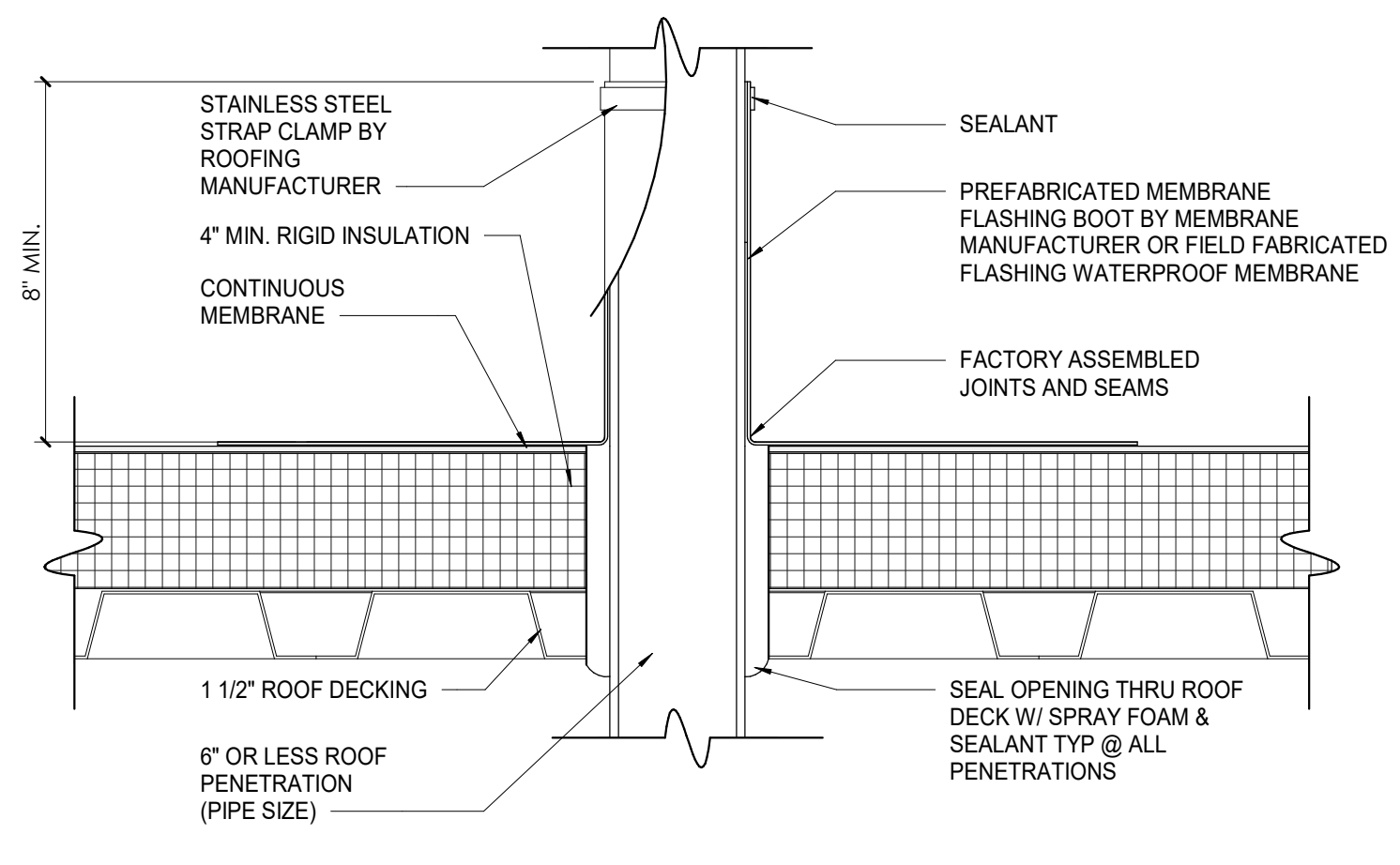
2 ROOF PENETRATION FLASHING
A119.4 3' = 1'-0"



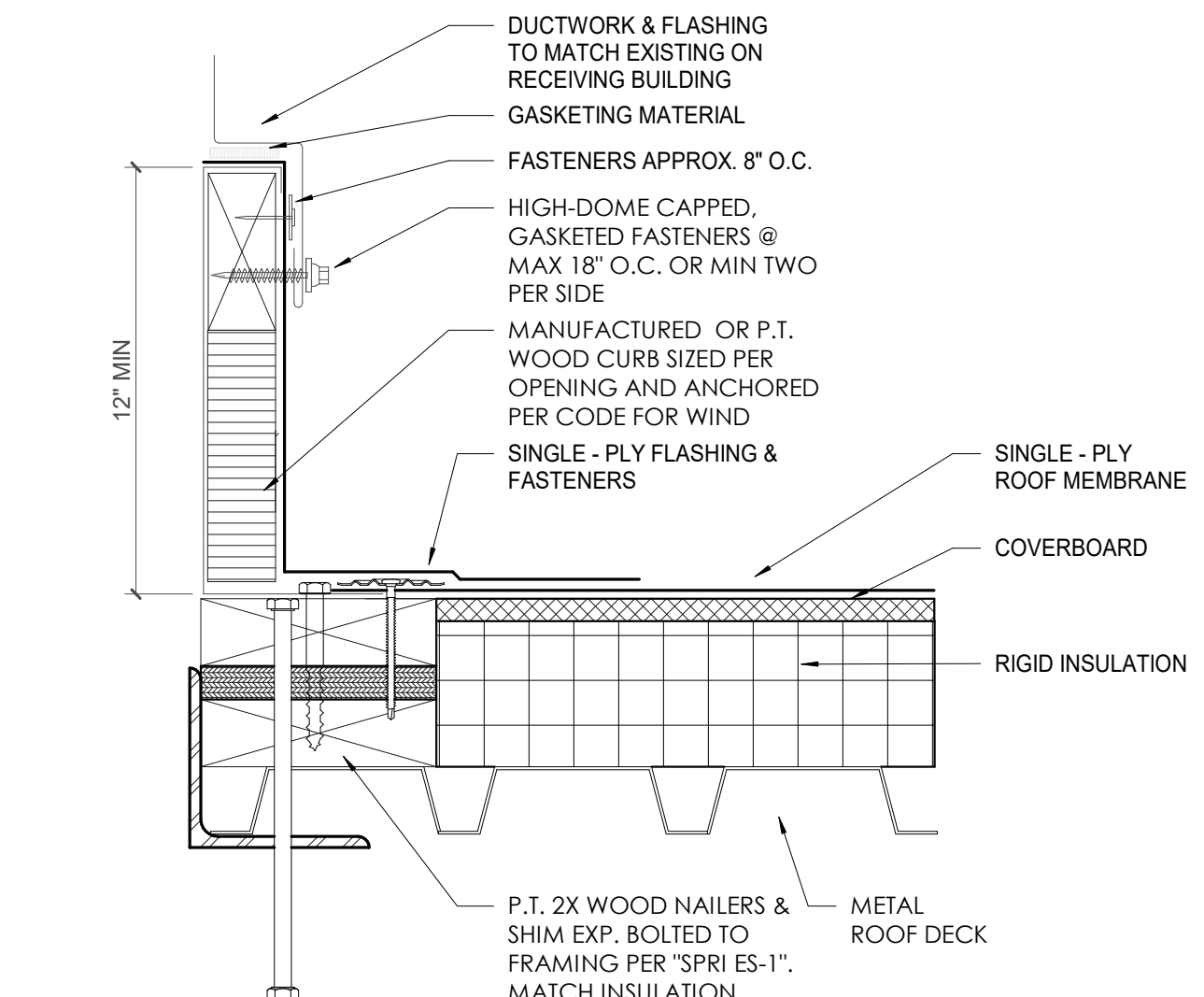
5 COPING JOINT
A119.4 3' = 1'-0"



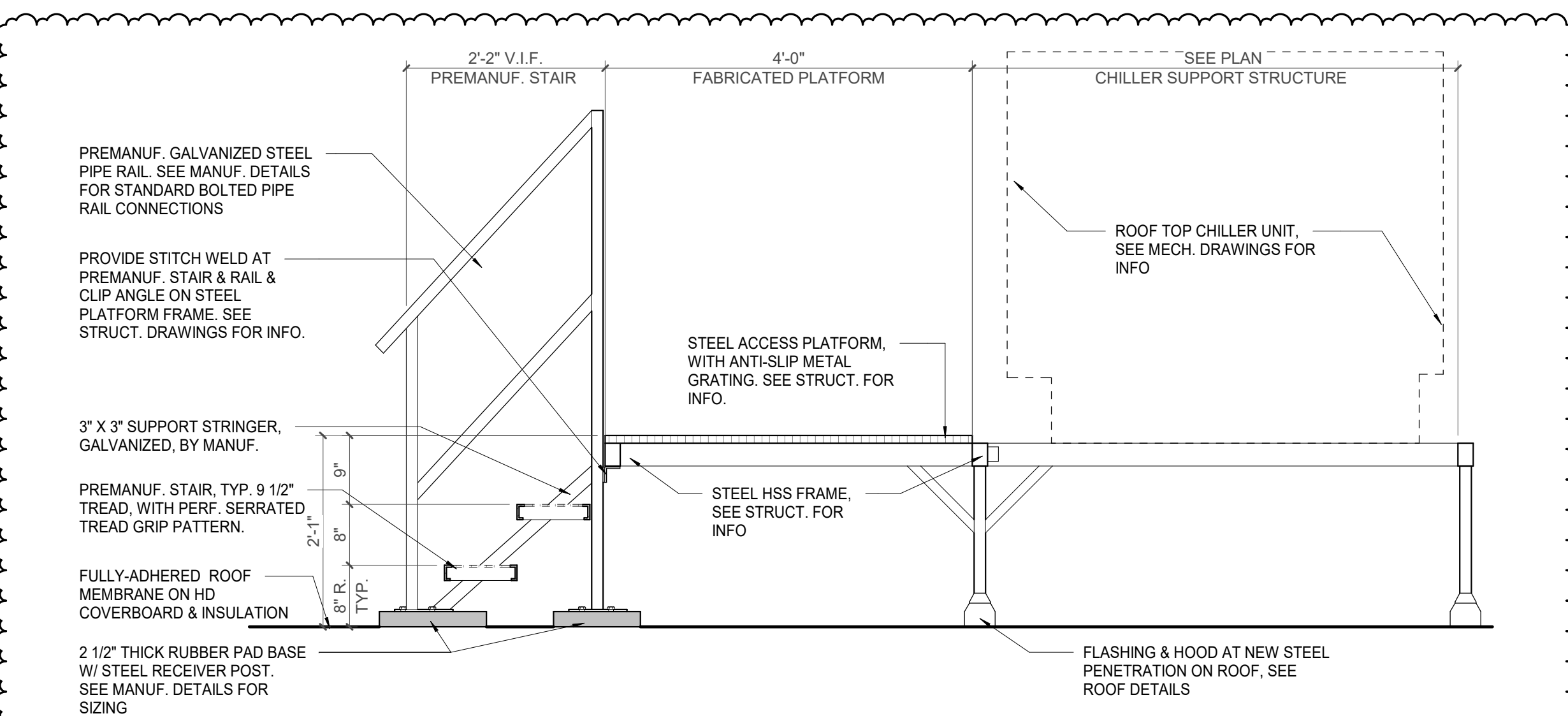
6 COPING JOINT ELEVATION
A119.4 1 1/2" = 1'-0"



9 PENETRATION FLASHING DETAIL
A119.4 3' = 1'-0"



10 GREEN EXP. RAISED CURB DETAIL
A119.4 3' = 1'-0"



13 MECH. ACCESS STAIR & PLATFORM
A119.4 3/4" = 1'-0"

3/30/2021 5:10:02 PM



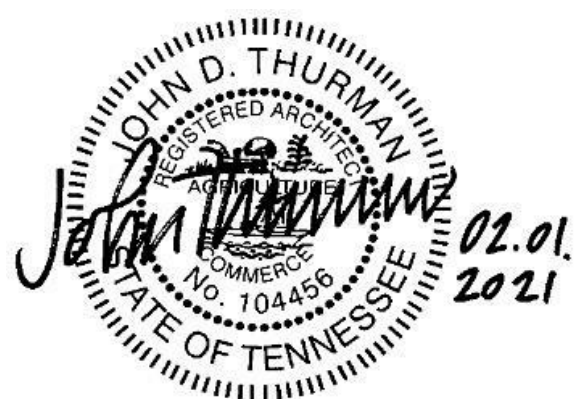
Project Information:

19018

COK SAFETY BUILDING

900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:

Architects Design Group

#	ISSUE	DATE
2	ADD #02.1	02/17/21
4	ADD #04.1	03/03/21

Issue Date: FEBRUARY 1, 2021
 PIC: DAVID COLLINS
 PM: JOHN THURMAN
 PA: LAUREN BUSH /
 Drawn By: TONY M
 Checked By: BP

Drawing Info:

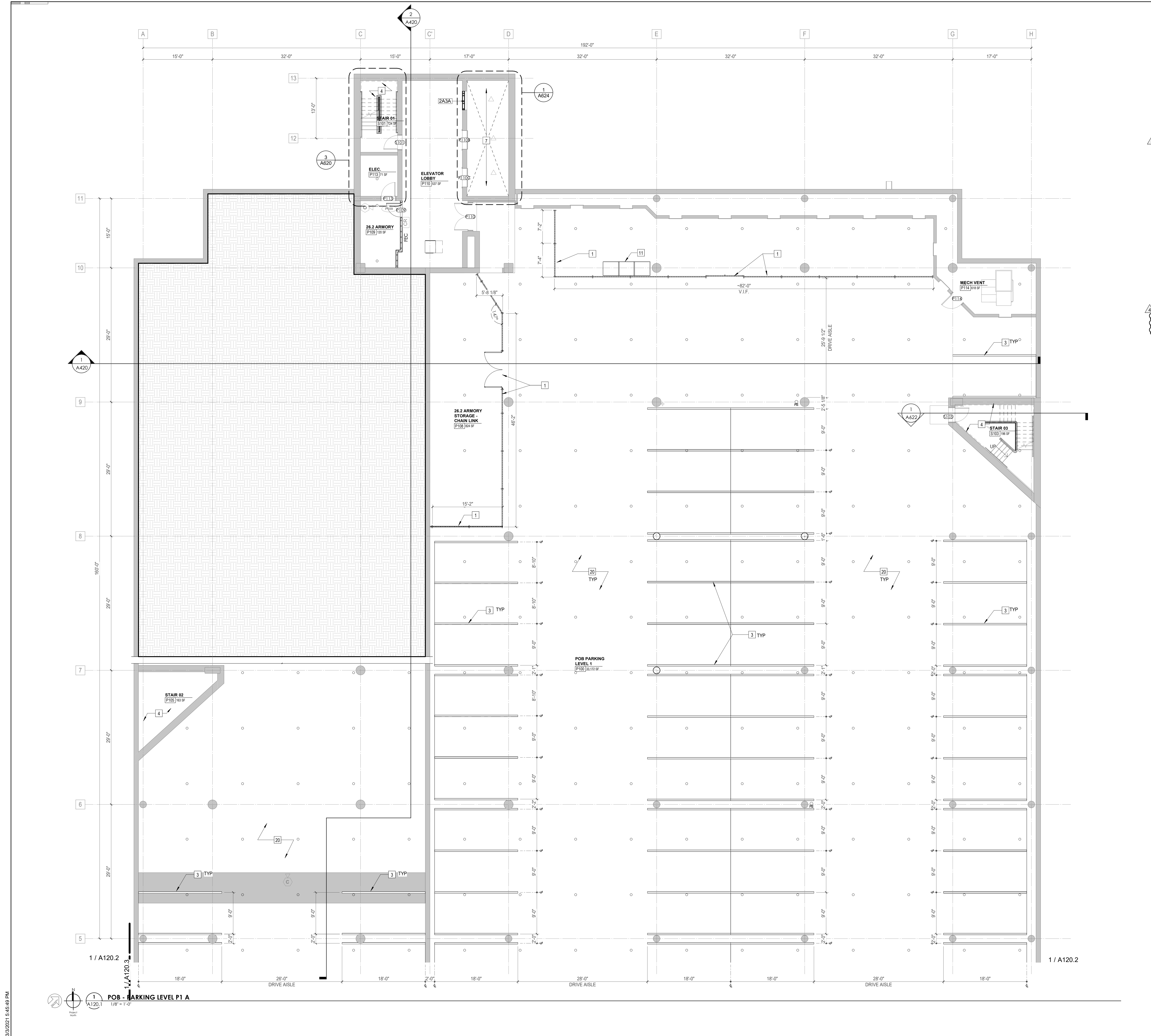
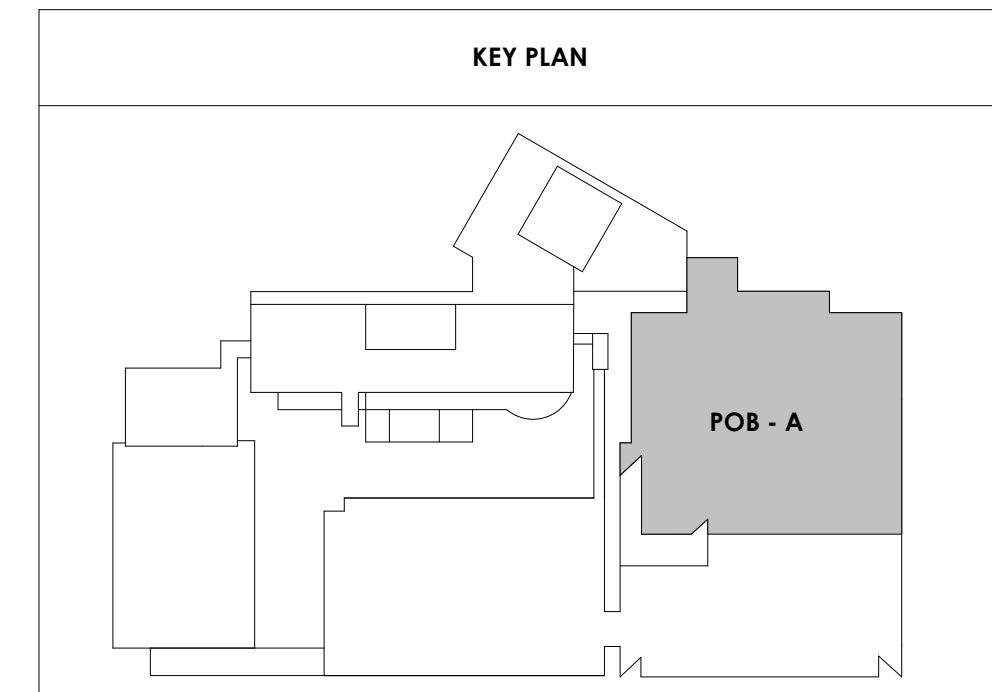
A120.1

POB - PARKING LEVEL
P1 A FLOOR PLAN

WALL LEGEND	
	2 HR PARTITION (ASSEMBLY VARIES)
	1 HR PARTITION (ASSEMBLY VARIES)
	BALLISTIC LEVEL 3 PARTITION (ASSEMBLY VARIES)
	NEW PARTITION (ASSEMBLY VARIES)
	EXISTING PARTITION
	EXISTING PARTITION TO BE DEMOLISHED

Keynotes - Parking Garage	
TAG	TEXT
1	FULL HEIGHT SECURITY FENCING AND GATE. SEE SHEET AS420 AND SPECIFICATIONS FOR ADDITIONAL INFORMATION
2	PREP PAINT AND REUSE EXISTING WHEEL STOPS AT ACCESSIBLE PARKING LOCATIONS
3	NEW PARKING LOT STRIPING
4	PROVIDE NEW HANDRAILS, GUARDRAILS AND EGRESS STAIR ILLUMINATION. PREP AND PAINT EXISTING STAIR & WALLS TO REMAIN
5	NEW OWNER PROVIDED FOLDING ARM. SEE ELECTRICAL & TELECOMMUNICATIONS PLANS FOR CONDUIT/POWER REQUIREMENTS
6	NEW BADGE IN ACCESS READER. SEE SHEET AS420 AND ELECTRICAL FOR ADDITIONAL INFO
7	EXISTING ELEVATOR TO BE REFURBISHED AS REQUIRED-SEE ELEVATOR PLANS & DETAILS SHEET A025 FOR INFO
8	EXISTING ELEVATOR TO BE REPLACED - VERIFY CONDITION & REQ'S WITH ELEVATOR CONTRACTOR FOR COMPLETE REPLACEMENT
9	PREP AND PAINT EXISTING STAIR & WALLS TO REMAIN
10	RESTRIP PARKING TO ACCOMMODATE FOR ACCESSIBLE PARKING SPACES SHOWN. REFER TO CIVIL FOR ADA SIGNAGE AND PARKING SYMBOLS
11	BIKE RACK STORAGE. N.I.C. OWNER PURCHASED OWNER INSTALLED
12	RELOCATED GENERATOR. REFER TO ELECTRICAL AND STRUCTURAL SHEETS FOR COORDINATION OF HOUSEKEEPING PAD.
13	REMOVE EXISTING STRIPING AND PREP FOR NEW STRIPING LAYOUT
14	FULL HEIGHT CHAIN LINK FENCE AND FENCE TOP. SEE SPECIFICATIONS FOR INFO
15	EXISTING BOLLARDS. TYP. CONTRACTOR TO PROVIDE NEW PAINT
16	PAINT NEW SAFETY STRIPING FOR NEW DRIVE PATH AND VOIDED PARKING SPOTS
17	PAINTING OF CURB SAFETY STRIPING FOR ALL ENTRANCES AND EXIT DRIVE PATH. TO BE EVALUATED AND DETERMINED BY ARCHITECT
18	NOT USED
19	NEW 6" DECK MOUNTED SAFETY STEEL BOLLARDS ATTACHED TO CONC. DECK. COMPLY TO ALL APPLICABLE CODES. REFER TO STRUCT AND SPECIFICATIONS FOR INFO
20	REPAINT ALL COLUMN GRAPHICS WITH NEW UPDATED COLOR AND FONT. COLOR TO BE DETERMINED BY ARCHITECT.
21	RESERVED COURT STAFF PARKING
22	RESERVED PENSION STAFF PARKING
23	CHAIN LINK FENCE TO ENCLOSE TOP AND ALL SIDES OF GENERATOR. SIZE OF FENCING TO BE DETERMINED AFTER INSTALLATION OF EQUIPMENT. SEE SHEET AS400 FOR ELEVATION.
24	HOUSE KEEPING PAD

- PARKING GARAGE GENERAL NOTES**
- REMOVE ALL WHEEL STOPS PRIOR TO RESTRIPIING
 - REMOVE ALL EXISTING WALL MOUNTED HOSPITAL "BOX SIGNS" FROM GARAGE LEVELS, PATCH WALLS AND CAP ALL ELECTRICAL
 - REMOVE ALL EXISTING LEVEL SIGNAGE MARKERS ON DOORS TO BE REPLACED WITH NEW PAINTED GRAPHICS. SEE DETAIL 10A824.1 FOR TYPICAL DOOR GRAPHIC
 - REPAINT EXISTING PARKING GARAGE COLUMN LEVEL MARKERS - PAINT COLORS AND FONTS TO BE APPROVED BY ARCHITECT PRIOR TO IMPLEMENTATION





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 PA: LAUREN BUSH /
 Drawn By: TONY M
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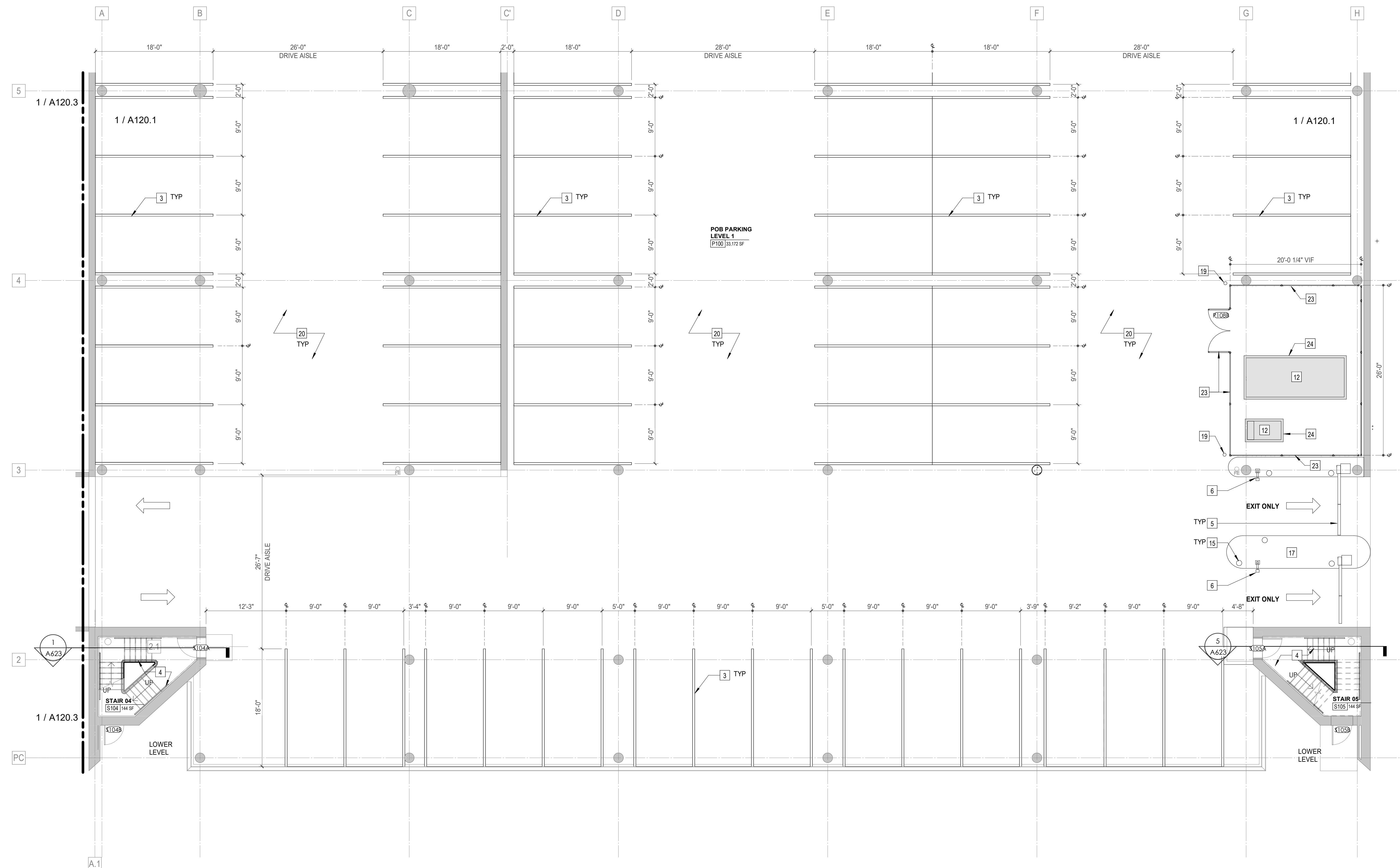
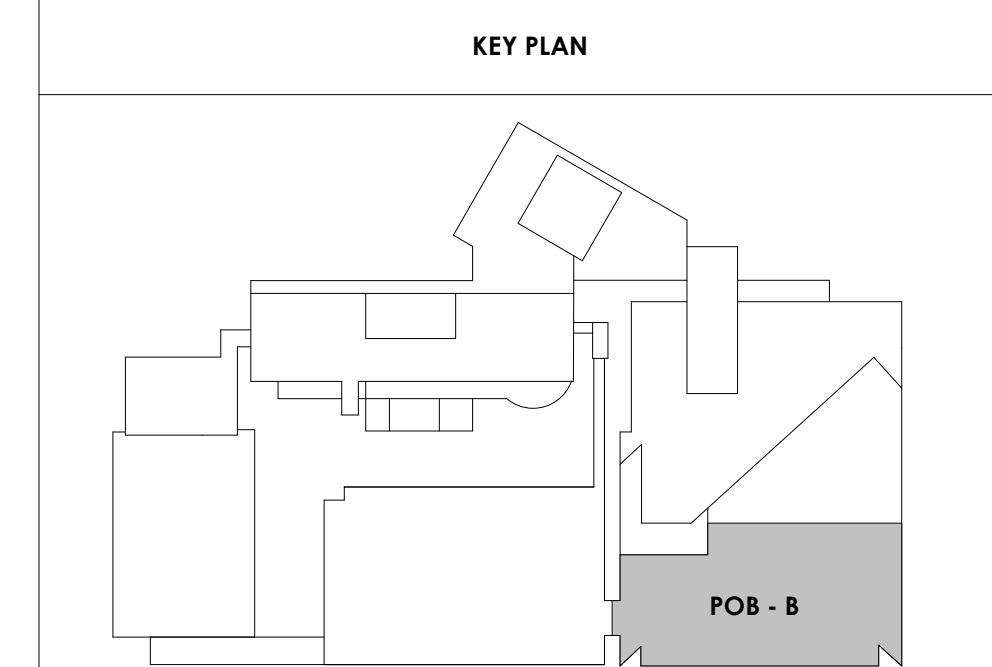
A120.2

POB - PARKING LEVEL P1 B FLOOR PLAN

WALL LEGEND	
	2 HR PARTITION (ASSEMBLY VARIES)
	1 HR PARTITION (ASSEMBLY VARIES)
	BALLISTIC LEVEL 3 PARTITION (ASSEMBLY VARIES)
	NEW PARTITION (ASSEMBLY VARIES)
	EXISTING PARTITION
	EXISTING PARTITION TO BE DEMOLISHED

Keynotes - Parking Garage	
TAG	TEXT
1	FULL HEIGHT SECURITY FENCING AND GATE. SEE SHEET AS420 AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
2	PREP PAINT AND REUSE EXISTING WHEEL STOPS AT ACCESSIBLE PARKING LOCATIONS.
3	NEW PARKING LOT STRIPING.
4	PROVIDE NEW HANDRAILS, GUARDRAILS AND EGRESS STAIR ILLUMINATION. PREP AND PAINT EXISTING STAIR & WALLS TO REMAIN.
5	NEW OWNER PROVIDED FOLDING ARM. SEE ELECTRICAL & TELECOMMUNICATIONS PLANS FOR CONDUIT/POWER REQUIREMENTS.
6	NEW BADGE IN ACCESS READER. SEE SHEET AS420 AND ELECTRICAL FOR ADDITIONAL INFO.
7	EXISTING ELEVATOR TO BE REFURBISHED AS REQUIRED-SEE ELEVATOR PLANS & DETAILS SHEET A025 FOR INFO.
8	EXISTING ELEVATOR TO BE REPLACED - VERIFY CONDITION & REQ'S WITH ELEVATOR CONTRACTOR FOR COMPLETE REPLACEMENT.
9	PREP AND PAINT EXISTING STAIR & WALLS TO REMAIN.
10	RESTRIP PARKING TO ACCOMMODATE FOR ACCESSIBLE PARKING SPACES SHOWN. REFER TO CIVIL FOR ADA SIGNAGE AND PARKING SYMBOLS.
11	BIKE RACK STORAGE. N.I.C. OWNER PURCHASED OWNER INSTALLED.
12	RELOCATED GENERATOR. REFER TO ELECTRICAL AND STRUCTURAL SHEETS FOR COORDINATION OF HOUSEKEEPING PAD.
13	REMOVE EXISTING STRIPING AND PREP FOR NEW STRIPING LAYOUT.
14	FULL HEIGHT CHAIN LINK FENCE AND FENCE TOP. SEE SPECIFICATIONS FOR INFO.
15	EXISTING BOLLARDS. TYP. CONTRACTOR TO PROVIDE NEW PAINT.
16	PAINT NEW SAFETY STRIPING FOR NEW DRIVE PATH AND VOIDED PARKING SPOTS.
17	PAINTING OF CURB SAFETY STRIPING FOR ALL ENTRANCES AND EXIT DRIVE PATH. TO BE EVALUATED AND DETERMINED BY ARCHITECT.
18	NOT USED.
19	NEW 6" DECK MOUNTED SAFETY STEEL BOLLARDS ATTACHED TO CONC. DECK. COMPLY TO ALL APPLICABLE CODES. REFER TO STRUCT AND SPECIFICATIONS FOR INFO.
20	REPAINT ALL COLUMN GRAPHICS WITH NEW UPDATED COLOR AND FONT. COLOR TO BE DETERMINED BY ARCHITECT.
21	RESERVED COURT STAFF PARKING.
22	RESERVED PENSION STAFF PARKING.
23	CHAIN LINK FENCE TO ENCLOSE TOP AND ALL SIDES OF GENERATOR. SIZE OF FENCING TO BE DETERMINED AFTER INSTALLATION OF EQUIPMENT. SEE SHEET AS420 FOR ELEVATION.
24	HOUSE KEEPING PAD.

- PARKING GARAGE GENERAL NOTES**
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 - REMOVE ALL EXISTING WALL MOUNTED HOSPITAL "BOX SIGNS" FROM GARAGE LEVELS. PATCH WALLS AND CAP ALL ELECTRICAL.
 - REMOVE ALL EXISTING LEVEL SIGNAGE MARKERS ON DOORS TO BE REPLACED WITH NEW PAINTED GRAPHICS. SEE DETAIL 10/A024.1 FOR TYPICAL DOOR GRAPHIC.
 - REPAINT EXISTING PARKING GARAGE COLUMN LEVEL MARKERS - PAINT COLORS AND FONTS TO BE APPROVED BY ARCHITECT PRIOR TO IMPLEMENTATION.



1 POB - PARKING LEVEL P1 B
 A120.2
 1/8" = 1'-0"



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Architects Design Group

#	ISSUE	DATE
2	ADD #02.1	02/17/21
3	ADD #03.1	02/24/21
4	ADD #04.1	03/03/21

Issue Date: FEBRUARY 1, 2021
 PIC: DAVID COLLINS
 PM: JOHN THURMAN
 PA: LAUREN BUSH /
 Drawn By: TONY M
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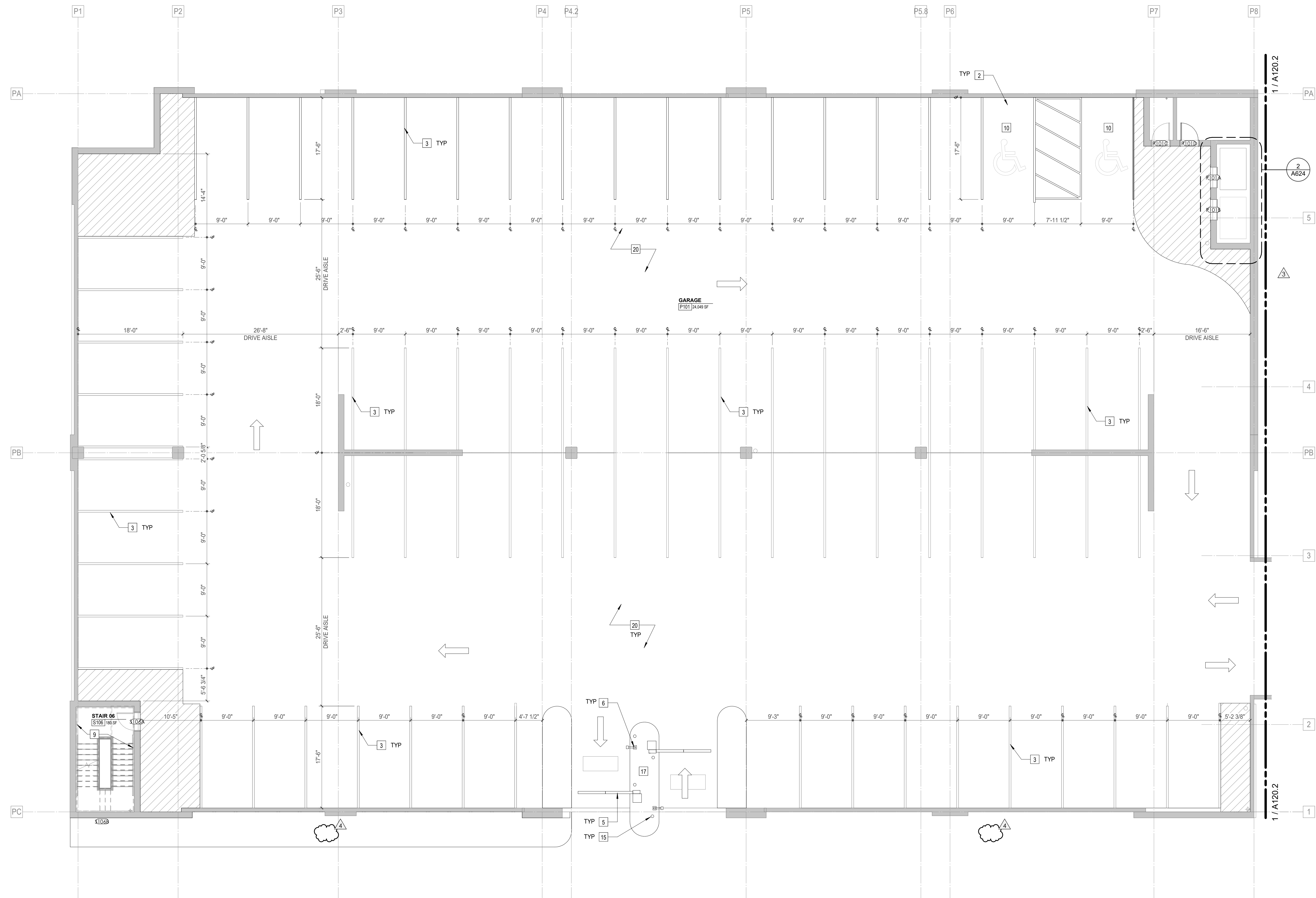
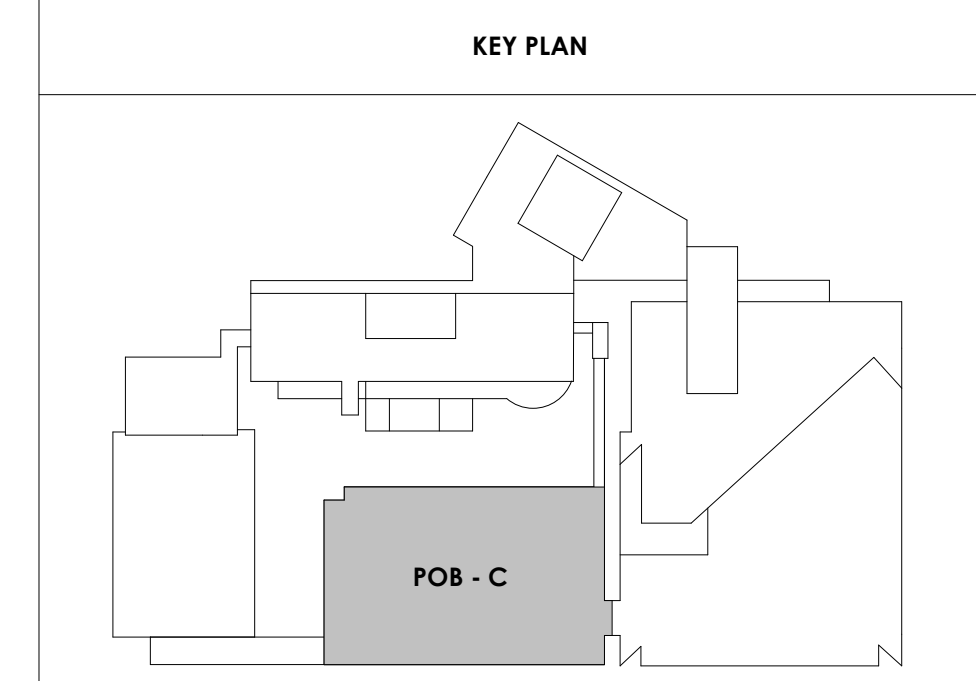
A120.3

POB - PARKING LEVEL
P1 C FLOOR PLAN

WALL LEGEND	
	2 HR PARTITION (ASSEMBLY VARIES)
	1 HR PARTITION (ASSEMBLY VARIES)
	BALLISTIC LEVEL 3 PARTITION (ASSEMBLY VARIES)
	NEW PARTITION (ASSEMBLY VARIES)
	EXISTING PARTITION
	EXISTING PARTITION TO BE DEMOLISHED

Keynotes - Parking Garage	
TAG	TEXT
1	FULL HEIGHT SECURITY FENCING AND GATE. SEE SHEET AS420 AND SPECIFICATIONS FOR ADDITIONAL INFORMATION
2	PREP AND REUSE EXISTING WHEEL STOPS AT ACCESSIBLE PARKING LOCATIONS
3	NEW PARKING LOT STRIPING
4	PROVIDE NEW HANDRAILS, GUARDRAILS AND EGRESS STAIR ILLUMINATION. PREP AND PAINT EXISTING STAIR & WALLS TO REMAIN
5	NEW OWNER PROVIDED FOLDING ARM. SEE ELECTRICAL & TELECOMMUNICATIONS PLANS FOR CONDUIT/POWER REQUIREMENTS
6	NEW BADGE IN ACCESS READER. SEE SHEET AS420 AND ELECTRICAL FOR ADDITIONAL INFO
7	EXISTING ELEVATOR TO BE REFURBISHED AS REQUIRED-SEE ELEVATOR PLANS & DETAILS SHEET ADDS FOR INFO
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24	HOUSE KEEPING PAD

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 - REPAINT EXISTING PARKING GARAGE COLUMN LEVEL MARKERS - PAINT COLORS AND FONTS TO BE APPROVED BY ARCHITECT PRIOR TO IMPLEMENTATION



POB - PARKING LEVEL P1 C
1/8" = 1'-0"

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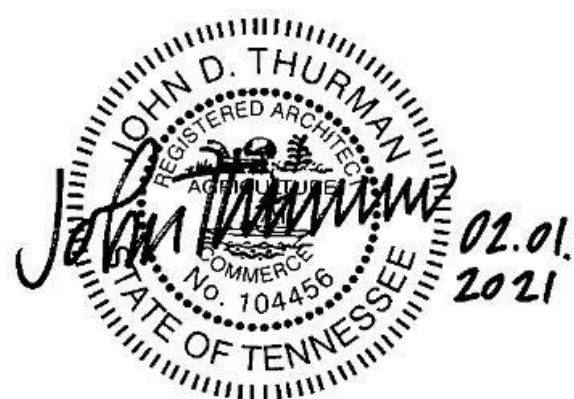
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Architects Design Group

#	ISSUE	DATE
2	ADD #02.1	02/17/21
4	ADD #04.1	03/03/21

Issue Date:	FEBRUARY 1, 2021
PIC:	DAVID COLLINS
PM:	JOHN THURMAN
PA:	LAUREN BUSH /
Drawn By:	TONY M
Checked By:	BP

Drawing Info:

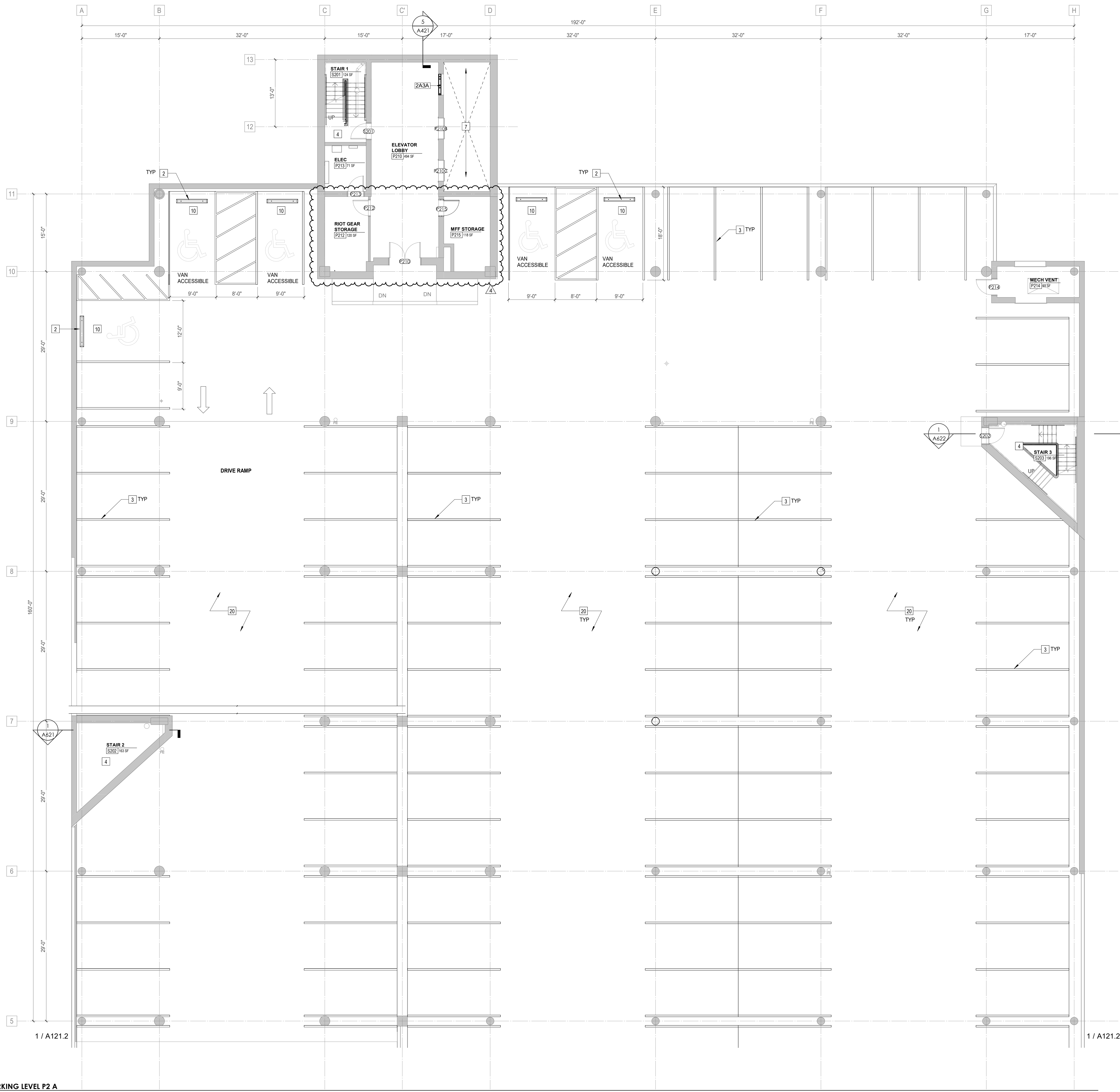
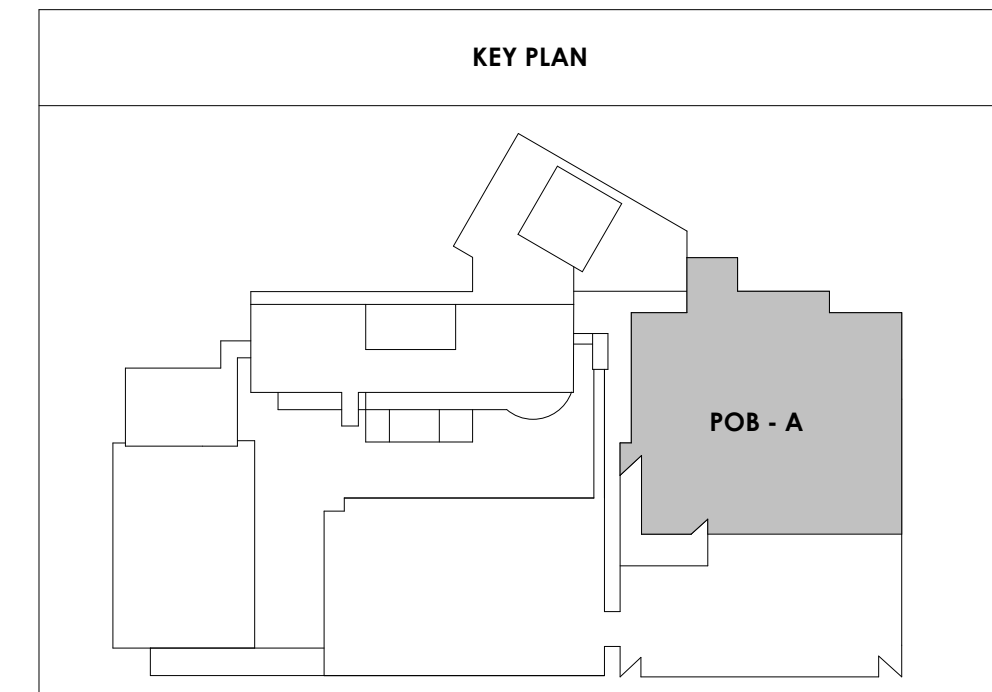
A121.1

POB - PARKING LEVEL P2 A FLOOR PLAN

WALL LEGEND	
	2 HR PARTITION (ASSEMBLY VARIES)
	1 HR PARTITION (ASSEMBLY VARIES)
	BALLISTIC LEVEL 3 PARTITION (ASSEMBLY VARIES)
	NEW PARTITION (ASSEMBLY VARIES)
	EXISTING PARTITION
	EXISTING PARTITION TO BE DEMOLISHED

Keynotes - Parking Garage	
TAG	TEXT
1	FULL HEIGHT SECURITY FENCING AND GATE. SEE SHEET AS420 AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
2	PREP PAINT AND REUSE EXISTING WHEEL STOPS AT ACCESSIBLE PARKING LOCATIONS.
3	NEW PARKING LOT STRIPING.
4	PROVIDE NEW HANDRAILS, GUARDRAILS AND EGRESS STAIR ILLUMINATION. PREP AND PAINT EXISTING STAIR & WALLS TO REMAIN.
5	NEW OWNER PROVIDED FOLDING ARM. SEE ELECTRICAL & TELECOMMUNICATIONS PLANS FOR CONDUIT/POWER REQUIREMENTS.
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17	PAINTING OF CURB SAFETY STRIPING FOR ALL ENTRANCES AND EXIT DRIVE PATH. TO BE EVALUATED AND DETERMINED BY ARCHITECT.
18	NOT USED.
19	NEW 6" DECK MOUNTED SAFETY STEEL BOLLARDS ATTACHED TO CONC. DECK. COMPLY TO ALL APPLICABLE CODES. REFER TO STRUCT AND SPECIFICATIONS FOR INFO.
20	REPAINT ALL COLUMN GRAPHICS WITH NEW UPDATED COLOR AND FONT. COLOR TO BE DETERMINED BY ARCHITECT.
21	RESERVED COURT STAFF PARKING.
22	RESERVED PENSION STAFF PARKING.
23	CHAIN LINK FENCE TO ENCLOSE TOP AND ALL SIDES OF GENERATOR. SIZE OF FENCING TO BE DETERMINED AFTER INSTALLATION OF EQUIPMENT. SEE SHEET AS420 FOR ELEVATION.
24	HOUSE KEEPING PAD.

- PARKING GARAGE GENERAL NOTES**
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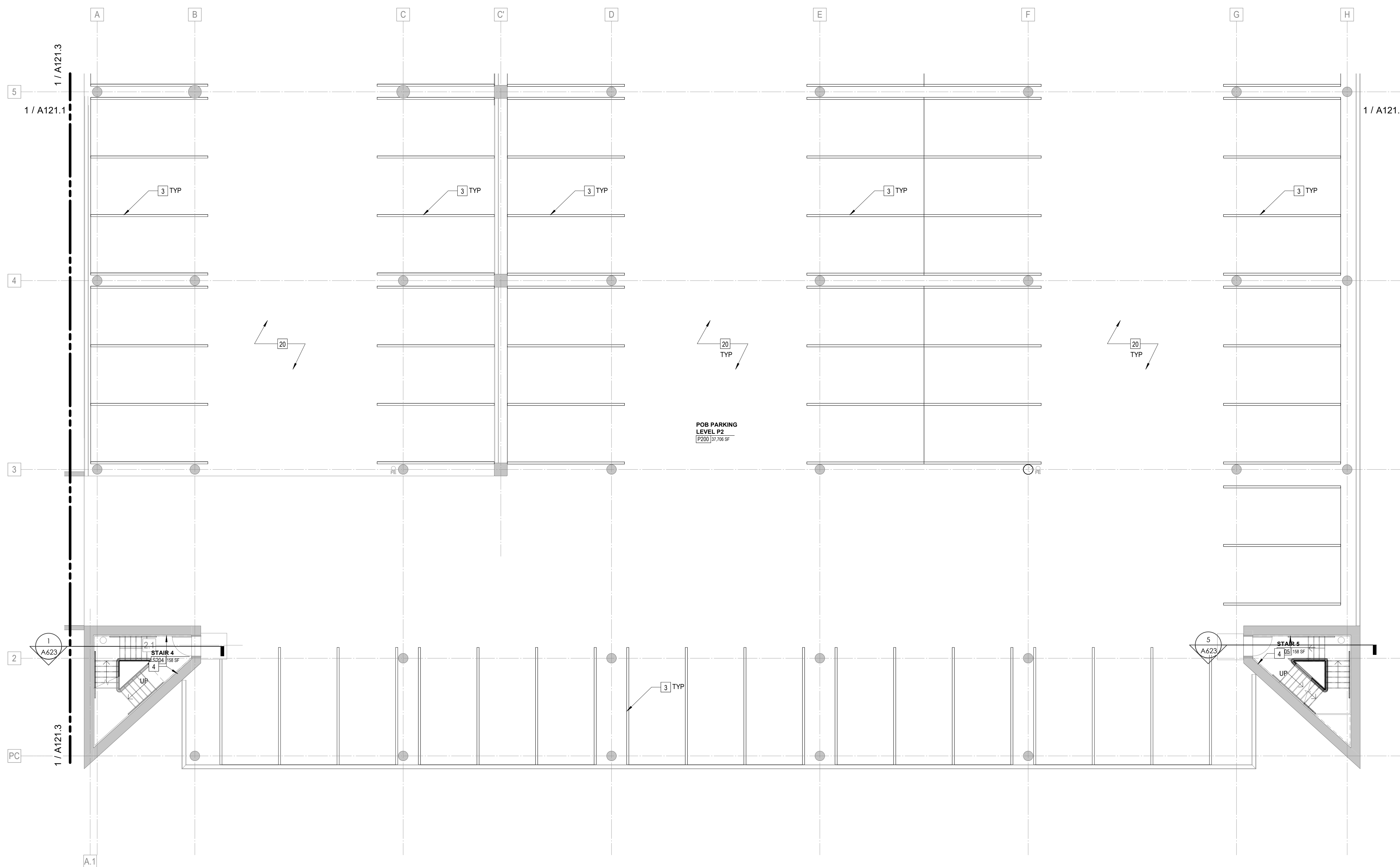
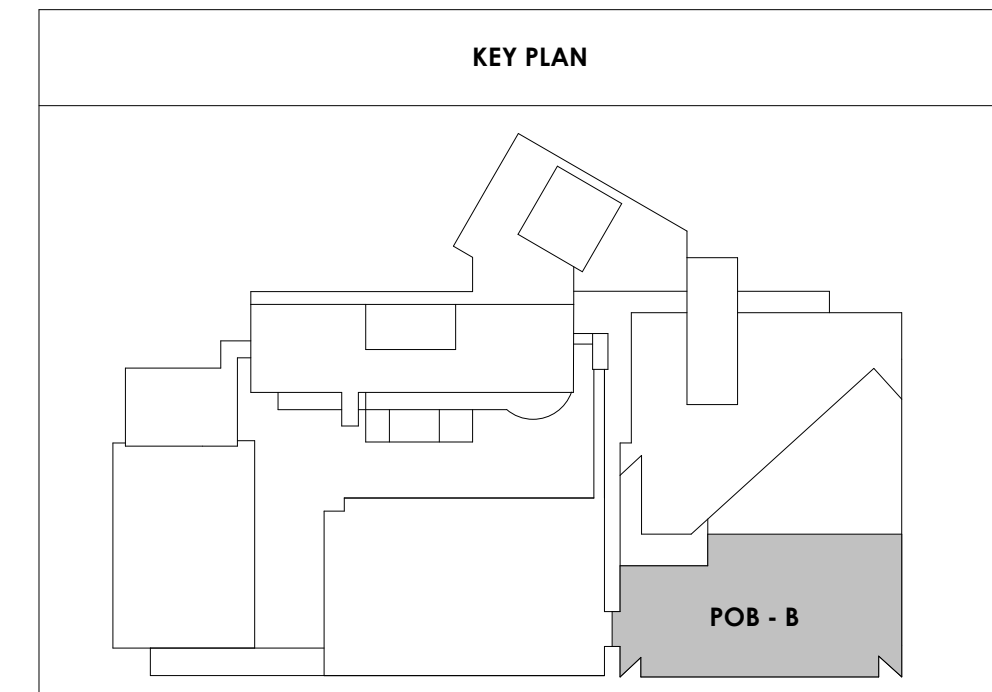
A121.2

POB - PARKING LEVEL P2 B FLOOR PLAN

WALL LEGEND	
	2 HR PARTITION (ASSEMBLY VARIES)
	1 HR PARTITION (ASSEMBLY VARIES)
	BALLISTIC LEVEL 3 PARTITION (ASSEMBLY VARIES)
	NEW PARTITION (ASSEMBLY VARIES)
	EXISTING PARTITION
	EXISTING PARTITION TO BE DEMOLISHED

Keynotes - Parking Garage	
TAG	TEXT
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16	PAINT NEW SAFETY STRIPING FOR NEW DRIVE PATH AND VOIDED PARKING SPOTS.
17	PAINTING OF CURB SAFETY STRIPING FOR ALL ENTRANCES AND EXIT DRIVE PATH. TO BE EVALUATED AND DETERMINED BY ARCHITECT.
18	NOT USED.
19	NEW 6" DECK MOUNTED SAFETY STEEL BOLLARDS ATTACHED TO CONC. DECK. COMPLY TO ALL APPLICABLE CODES. REFER TO STRUCT AND SPECIFICATIONS FOR INFO.
20	REPAINT ALL COLUMN GRAPHICS WITH NEW UPDATED COLOR AND FONT COLOR. TO BE DETERMINED BY ARCHITECT.
21	RESERVED COURT STAFF PARKING.
22	RESERVED PENSION STAFF PARKING.
23	CHAIN LINK FENCE TO ENCLOSE TOP AND ALL SIDES OF GENERATOR. SIZE OF FENCING TO BE DETERMINED AFTER INSTALLATION OF EQUIPMENT. SEE SHEET AS420 FOR ELEVATION.
24	HOUSE KEEPING PAD.

- PARKING GARAGE GENERAL NOTES**
- REMOVE ALL WHEEL STOPS PRIOR TO RESTRIPING.
 - REMOVE ALL EXISTING WALL MOUNTED HOSPITAL "BOX SIGNS" FROM GARAGE LEVELS. PATCH WALLS AND CAP ALL ELECTRICAL.
 - REMOVE ALL EXISTING LEVEL SIGNAGE MARKERS ON DOORS TO BE REPLACED WITH NEW PAINTED GRAPHICS. SEE DETAIL 10/A024.1 FOR TYPICAL DOOR GRAPHIC.
 - REPAINT EXISTING PARKING GARAGE COLUMN LEVEL MARKERS - PAINT COLORS AND FONTS TO BE APPROVED BY ARCHITECT PRIOR TO IMPLEMENTATION.



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 1
 A121.2
 1/8" = 1'-0"
 POB - PARKING LEVEL P2 B



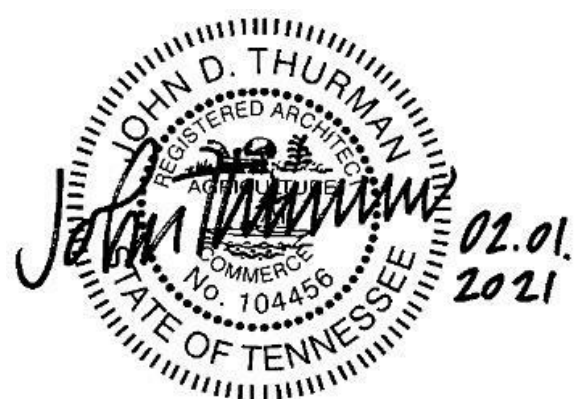
Project Information:

19018

COK SAFETY BUILDING

900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:

Architects Design Group

#	ISSUE	DATE
2	ADD #02.1	02/17/21
3	ADD #03.1	02/24/21
4	ADD #04.1	03/03/21

Issue Date:	FEBRUARY 1, 2021
PI:	DAVID COLLINS
PM:	JOHN THURMAN
PA:	LAUREN BUSH /
Drawn By:	TONY M
Checked By:	BP

Drawing Info:

A121.3

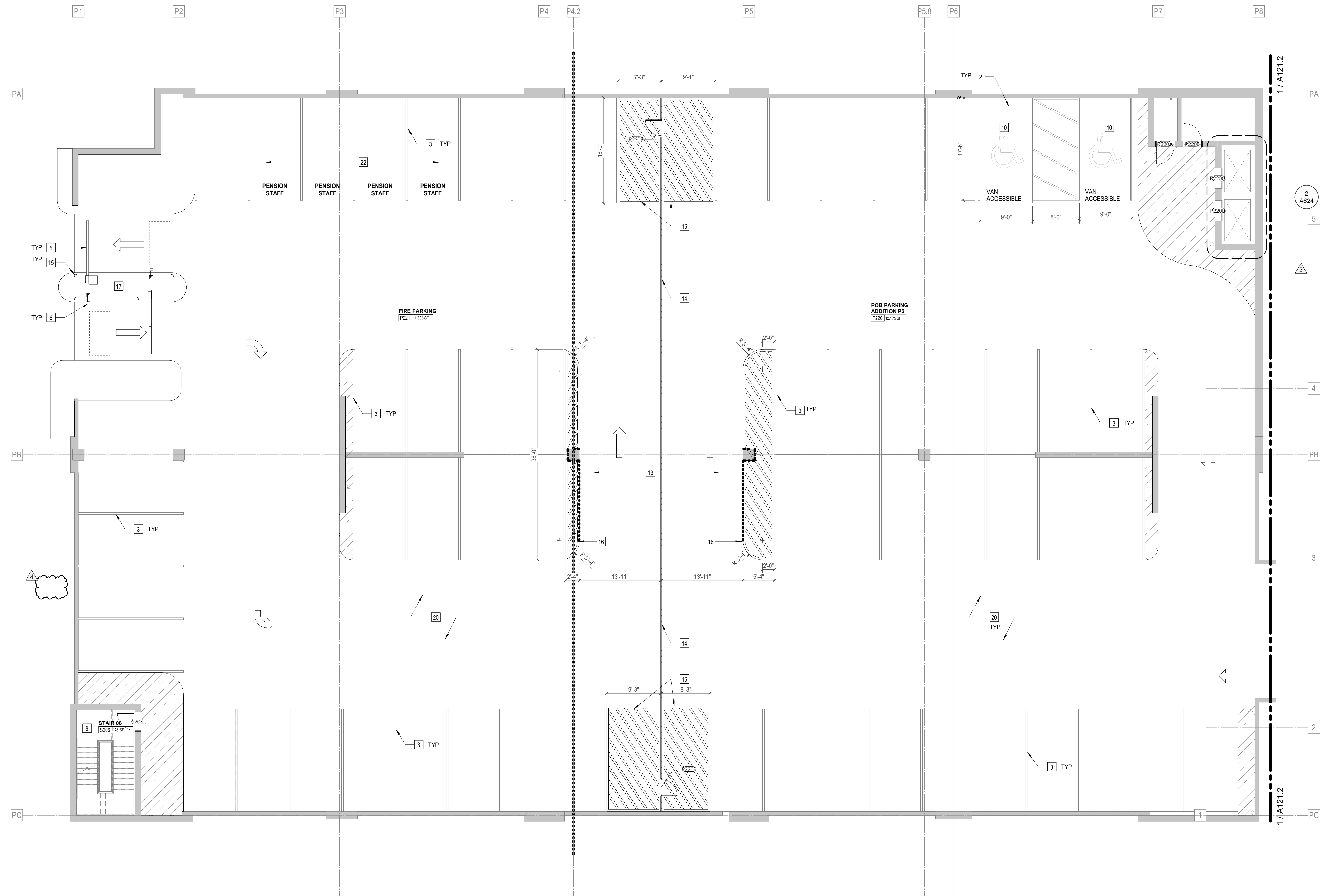
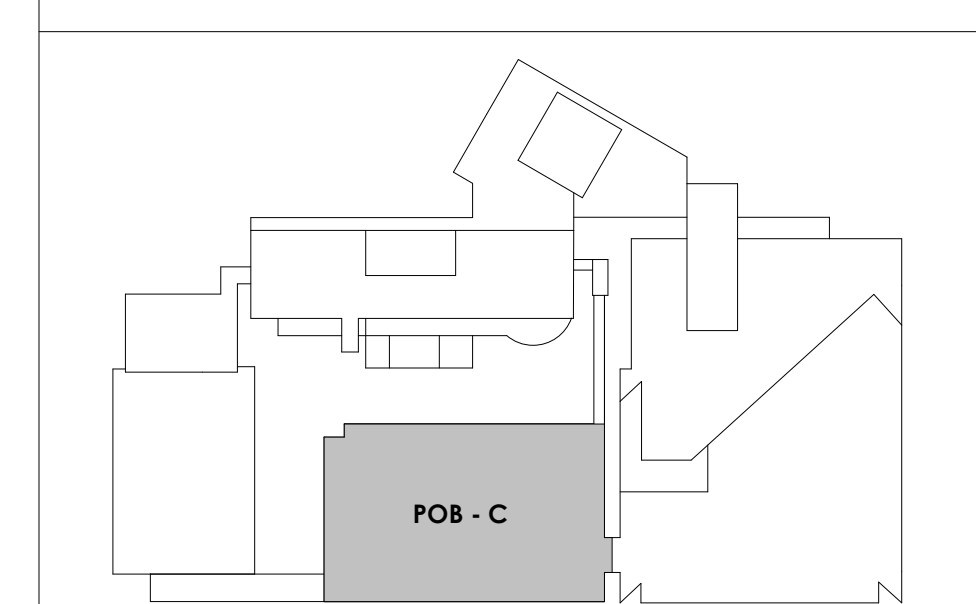
POB - PARKING LEVEL
P2 C FLOOR PLAN

WALL LEGEND	
	2 HR PARTITION (ASSEMBLY VARIES)
	1 HR PARTITION (ASSEMBLY VARIES)
	BALLISTIC LEVEL 3 PARTITION (ASSEMBLY VARIES)
	NEW PARTITION (ASSEMBLY VARIES)
	EXISTING PARTITION
	EXISTING PARTITION TO BE DEMOLISHED

Keynotes - Parking Garage	
TAG	TEXT
1	FULL HEIGHT SECURITY FENCING AND GATE. SEE SHEET AS420 AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
2	PREP PAINT AND REUSE EXISTING WHEEL STOPS AT ACCESSIBLE PARKING LOCATIONS.
3	NEW PARKING LOT STRIPING.
4	PROVIDE NEW HANDRAILS, GUARDRAILS AND EGRESS STAIR ILLUMINATION. PREP AND PAINT EXISTING STAIR & WALLS TO REMAIN.
5	NEW OWNER PROVIDED FOLDING ARM. SEE ELECTRICAL & TELECOMMUNICATIONS PLANS FOR CONDUIT/POWER REQUIREMENTS.
6	NEW BADGE IN ACCESS READER. SEE SHEET AS420 AND ELECTRICAL FOR ADDITIONAL INFO.
7	EXISTING ELEVATOR TO BE REFURBISHED AS REQUIRED-SEE ELEVATOR PLANS & DETAILS SHEET ADDS FOR INFO.
8	EXISTING ELEVATOR TO BE REPLACED - VERIFY CONDITION & REQ'S WITH ELEVATOR CONTRACTOR FOR COMPLETE REPLACEMENT.
9	PREP AND PAINT EXISTING STAIR & WALLS TO REMAIN.
10	RESTRIP PARKING TO ACCOMMODATE FOR ACCESSIBLE PARKING SPACES SHOWN. REFER TO CIVIL FOR ADA SIGNAGE AND PARKING SYMBOLS.
11	BIKE RACK STORAGE. N.I.C. OWNER PURCHASED OWNER INSTALLED.
12	RELOCATED GENERATOR. REFER TO ELECTRICAL AND STRUCTURAL SHEETS FOR COORDINATION OF HOUSEKEEPING PAD.
13	REMOVE EXISTING STRIPING AND PREP FOR NEW STRIPING LAYOUT.
14	FULL HEIGHT CHAIN LINK FENCE AND FENCE TOP. SEE SPECIFICATIONS FOR INFO.
15	EXISTING BOLLARDS. TYP. CONTRACTOR TO PROVIDE NEW PAINT.
16	PAINT NEW SAFETY STRIPING FOR NEW DRIVE PATH AND VOIDED PARKING SPOTS.
17	PAINTING OF CURB SAFETY STRIPING FOR ALL ENTRANCES AND EXIT DRIVE PATH. TO BE EVALUATED AND DETERMINED BY ARCHITECT.
18	NOT USED.
19	NEW 6" DECK MOUNTED SAFETY STEEL BOLLARDS ATTACHED TO CONC. DECK. COMPLY TO ALL APPLICABLE CODES. REFER TO STRUCT AND SPECIFICATIONS FOR INFO.
20	REPAINT ALL COLUMN GRAPHICS WITH NEW UPDATED COLOR AND FONT. COLOR TO BE DETERMINED BY ARCHITECT.
21	RESERVED COURT STAFF PARKING.
22	RESERVED PENSION STAFF PARKING.
23	CHAIN LINK FENCE TO ENCLOSE TOP AND ALL SIDES OF GENERATOR. SIZE OF FENCING TO BE DETERMINED AFTER INSTALLATION OF EQUIPMENT. SEE SHEET AS401 FOR ELEVATION.
24	HOUSE KEEPING PAD.

- PARKING GARAGE GENERAL NOTES**
- REMOVE ALL WHEEL STOPS PRIOR TO RESTRIPING.
 - REMOVE ALL EXISTING WALL MOUNTED HOSPITAL "BOX SIGNS" FROM GARAGE LEVELS. PATCH WALLS AND CAP ALL ELECTRICAL.
 - REMOVE ALL EXISTING LEVEL SIGNAGE MARKERS ON DOORS TO BE REPLACED WITH NEW PAINTED GRAPHICS. SEE DETAIL 10/A824.1 FOR TYPICAL DOOR GRAPHIC.
 - REPAINT EXISTING PARKING GARAGE COLUMN LEVEL MARKERS - PAINT COLORS AND FONTS TO BE APPROVED BY ARCHITECT PRIOR TO IMPLEMENTATION.

KEY PLAN



1 POB - PARKING LEVEL P2 C
A121.3
1/8" = 1'-0"



Project Information:

19018

COK SAFETY BUILDING

900 East Oak Hill Ave, Knoxville, TN

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Architects Design Group

#	ISSUE	DATE
2	ADD #02.1	02/17/21
4	ADD #04.1	03/03/21

Issue Date: FEBRUARY 1, 2021
PIC: DAVID COLLINS
PM: JOHN THURMAN
PA: LAUREN BUSH /
Drawn By: TONY M
Checked By: BP

Drawing Info:

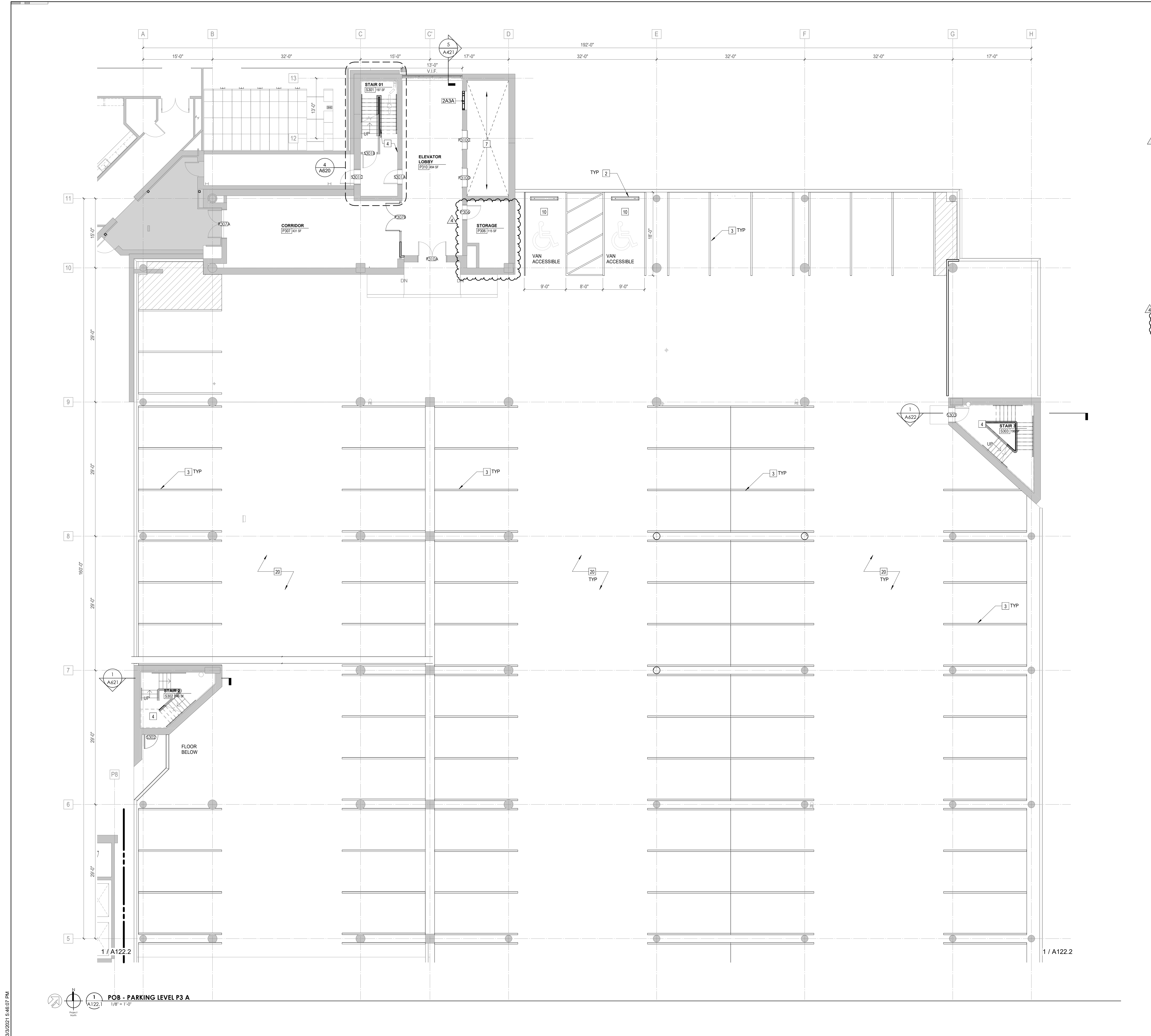
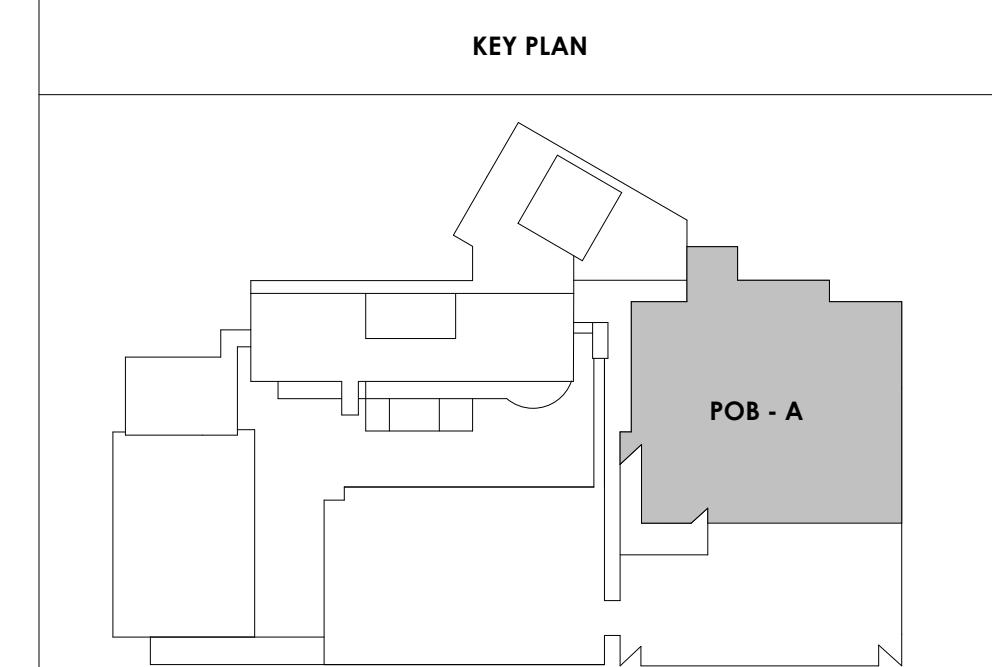
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POB - PARKING LEVEL P3 A FLOOR PLAN

WALL LEGEND	
	2 HR PARTITION (ASSEMBLY VARIES)
	1 HR PARTITION (ASSEMBLY VARIES)
	BALLISTIC LEVEL 3 PARTITION (ASSEMBLY VARIES)
	NEW PARTITION (ASSEMBLY VARIES)
	EXISTING PARTITION
	EXISTING PARTITION TO BE DEMOLISHED

Keynotes - Parking Garage	
TAG	TEXT
1	FULL HEIGHT SECURITY FENCING AND GATE. SEE SHEET AS420 AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
2	PREP PAINT AND REUSE EXISTING WHEEL STOPS AT ACCESSIBLE PARKING LOCATIONS.
3	NEW PARKING LOT STRIPING.
4	PROVIDE NEW HANDRAILS, GUARDRAILS AND EGRESS STAIR ILLUMINATION. PREP AND PAINT EXISTING STAIR & WALLS TO REMAIN.
5	NEW OWNER PROVIDED FOLDING ARM. SEE ELECTRICAL & TELECOMMUNICATIONS PLANS FOR CONDUIT/POWER REQUIREMENTS.
6	NEW BADGE IN ACCESS READER. SEE SHEET AS420 AND ELECTRICAL FOR ADDITIONAL INFO.
7	EXISTING ELEVATOR TO BE REFURBISHED AS REQUIRED-SEE ELEVATOR PLANS & DETAILS SHEET A025 FOR INFO.
8	EXISTING ELEVATOR TO BE REPLACED - VERIFY CONDITION & REQ'S WITH ELEVATOR CONTRACTOR FOR COMPLETE REPLACEMENT.
9	PREP AND PAINT EXISTING STAIR & WALLS TO REMAIN.
10	RESTRIP PARKING TO ACCOMMODATE FOR ACCESSIBLE PARKING SPACES SHOWN. REFER TO CIVIL FOR ADA SIGNAGE AND PARKING SYMBOLS.
11	BIKE RACK STORAGE. N.I.C. OWNER PURCHASED OWNER INSTALLED.
12	RELOCATED GENERATOR. REFER TO ELECTRICAL AND STRUCTURAL SHEETS FOR COORDINATION OF HOUSEKEEPING PAD.
13	REMOVE EXISTING STRIPING AND PREP FOR NEW STRIPING LAYOUT.
14	FULL HEIGHT CHAIN LINK FENCE AND FENCE TOP. SEE SPECIFICATIONS FOR INFO.
15	EXISTING BOLLARDS. TYP. CONTRACTOR TO PROVIDE NEW PAINT.
16	PAINT NEW SAFETY STRIPING FOR NEW DRIVE PATH AND VOIDED PARKING SPOTS.
17	PAINTING OF CURB SAFETY STRIPING FOR ALL ENTRANCES AND EXIT DRIVE PATH. TO BE EVALUATED AND DETERMINED BY ARCHITECT.
18	NOT USED.
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20	REPAINT ALL COLUMN GRAPHICS WITH NEW UPDATED COLOR AND FONT. COLOR TO BE DETERMINED BY ARCHITECT.
21	RESERVED COURT STAFF PARKING.
22	RESERVED PENSION STAFF PARKING.
23	CHAIN LINK FENCE TO ENCLOSE TOP AND ALL SIDES OF GENERATOR. SIZE OF FENCING TO BE DETERMINED AFTER INSTALLATION OF EQUIPMENT. SEE SHEET AS400 FOR ELEVATION.
24	HOUSE KEEPING PAD.

- PARKING GARAGE GENERAL NOTES**
- REMOVE ALL WHEEL STOPS PRIOR TO RESTRIPING.
 - REMOVE ALL EXISTING WALL MOUNTED HOSPITAL "BOX SIGNS" FROM GARAGE LEVELS. PATCH WALLS AND CAP ALL ELECTRICAL.
 - REMOVE ALL EXISTING LEVEL SIGNAGE MARKERS ON DOORS TO BE REPLACED WITH NEW PAINTED GRAPHICS. SEE DETAIL 10/A024.1 FOR TYPICAL DOOR GRAPHIC.
 - REPAINT EXISTING PARKING GARAGE COLUMN LEVEL MARKERS - PAINT COLORS AND FONTS TO BE APPROVED BY ARCHITECT PRIOR TO IMPLEMENTATION.





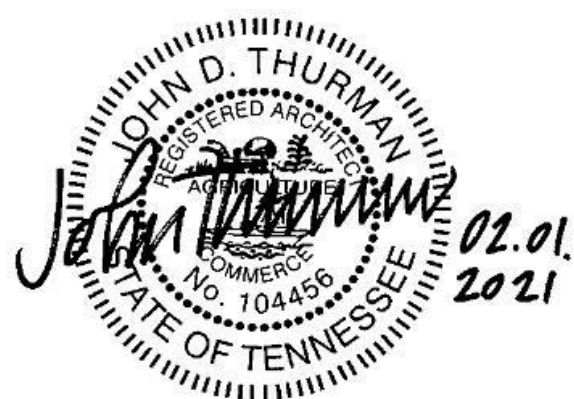
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Seal:



Consultant:

Architects Design Group

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 PM: JOHN THURMAN
 PA: LAUREN BUSH /
 Drawn By: TONY M
 Checked By: BP

Drawing Info:

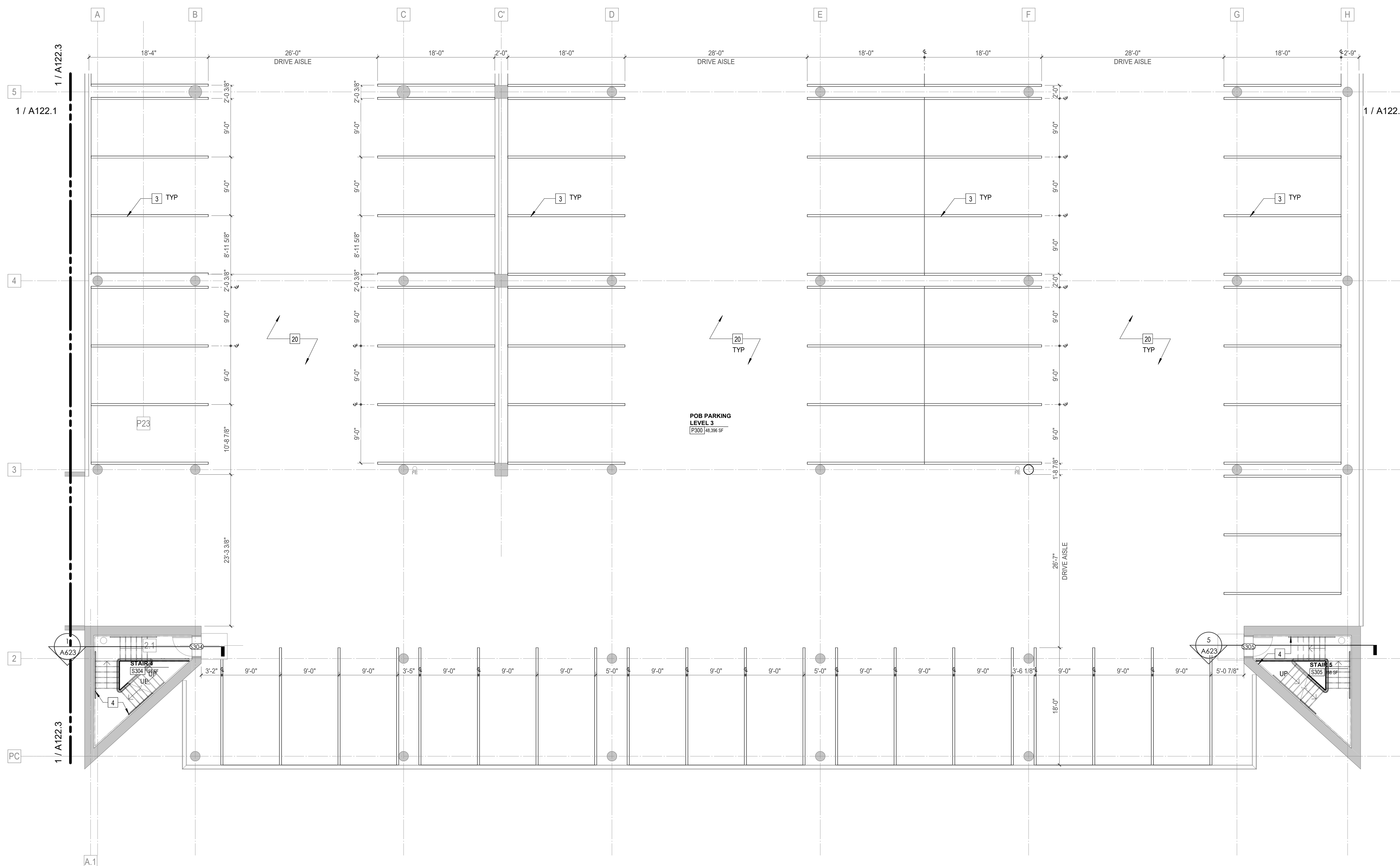
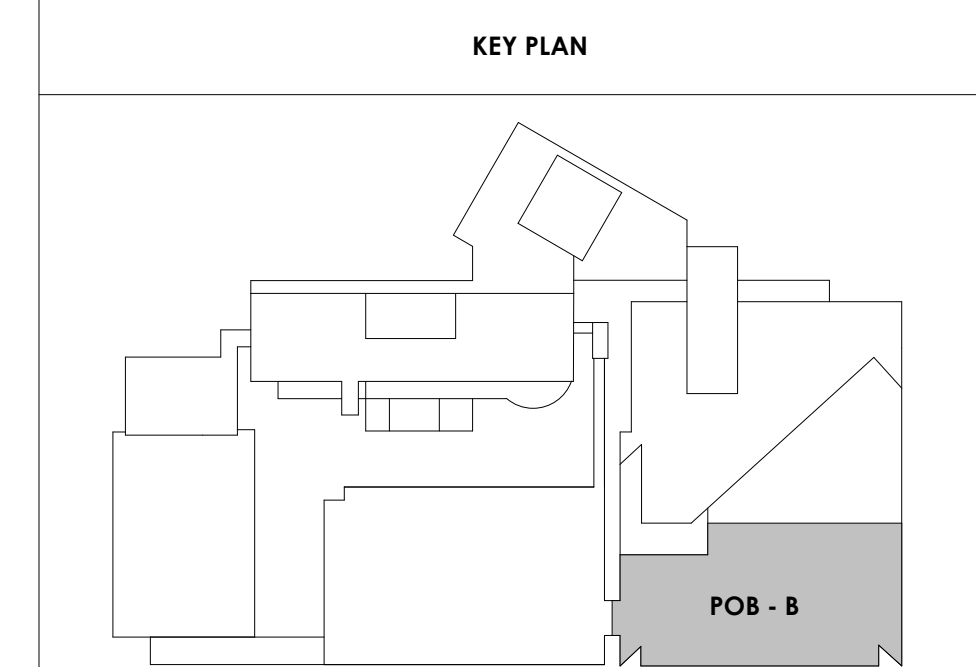
A122.2

POB - PARKING LEVEL
P3 B FLOOR PLAN

WALL LEGEND	
	2 HR PARTITION (ASSEMBLY VARIES)
	1 HR PARTITION (ASSEMBLY VARIES)
	BALLISTIC LEVEL 3 PARTITION (ASSEMBLY VARIES)
	NEW PARTITION (ASSEMBLY VARIES)
	EXISTING PARTITION
	EXISTING PARTITION TO BE DEMOLISHED

Keynotes - Parking Garage	
TAG	TEXT
1	FULL HEIGHT SECURITY FENCING AND GATE. SEE SHEET AS420 AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
2	PREP PAINT AND REUSE EXISTING WHEEL STOPS AT ACCESSIBLE PARKING LOCATIONS.
3	NEW PARKING LOT STRIPING.
4	PROVIDE NEW HANDRAILS, GUARDRAILS AND EGRESS STAIR ILLUMINATION. PREP AND PAINT EXISTING STAIR & WALLS TO REMAIN.
5	NEW OWNER PROVIDED FOLDING ARM, SEE ELECTRICAL & TELECOMMUNICATIONS PLANS FOR CONDUIT/POWER REQUIREMENTS.
6	NEW BADGE IN ACCESS READER, SEE SHEET AS420 AND ELECTRICAL FOR ADDITIONAL INFO.
7	EXISTING ELEVATOR TO BE REFURBISHED AS REQUIRED-SEE ELEVATOR PLANS & DETAILS SHEET A025 FOR INFO.
8	EXISTING ELEVATOR TO BE REPLACED - VERIFY CONDITION & REQ'S WITH ELEVATOR CONTRACTOR FOR COMPLETE REPLACEMENT.
9	PREP AND PAINT EXISTING STAIR & WALLS TO REMAIN.
10	RESTRIP PARKING TO ACCOMMODATE FOR ACCESSIBLE PARKING SPACES SHOWN. REFER TO CIVIL FOR ADA SIGNAGE AND PARKING SYMBOLS.
11	BIKE RACK STORAGE. N.I.C. OWNER PURCHASED OWNER INSTALLED.
12	RELOCATED GENERATOR. REFER TO ELECTRICAL AND STRUCTURAL SHEETS FOR COORDINATION OF HOUSEKEEPING PAD.
13	REMOVE EXISTING STRIPING AND PREP FOR NEW STRIPING LAYOUT.
14	FULL HEIGHT CHAIN LINK FENCE AND FENCE TOP. SEE SPECIFICATIONS FOR INFO.
15	EXISTING BOLLARDS. TYP. CONTRACTOR TO PROVIDE NEW PAINT.
16	PAINT NEW SAFETY STRIPING FOR NEW DRIVE PATH AND VOIDED PARKING SPOTS.
17	PAINTING OF CURB SAFETY STRIPING FOR ALL ENTRANCES AND EXIT DRIVE PATH. TO BE EVALUATED AND DETERMINED BY ARCHITECT.
18	NOT USED.
19	NEW 6" DECK MOUNTED SAFETY STEEL BOLLARDS ATTACHED TO CONC. DECK. COMPLY TO ALL APPLICABLE CODES. REFER TO STRUCT AND SPECIFICATIONS FOR INFO.
20	REPAINT ALL COLUMN GRAPHICS WITH NEW UPDATED COLOR AND FONT. COLOR TO BE DETERMINED BY ARCHITECT.
21	RESERVED COURT STAFF PARKING.
22	RESERVED PENSION STAFF PARKING.
23	CHAIN LINK FENCE TO ENCLOSE TOP AND ALL SIDES OF GENERATOR. SIZE OF FENCING TO BE DETERMINED AFTER INSTALLATION OF EQUIPMENT. SEE SHEET AS400 FOR ELEVATION.
24	HOUSE KEEPING PAD.

- PARKING GARAGE GENERAL NOTES**
- REMOVE ALL WHEEL STOPS PRIOR TO RESTRIPING.
 - REMOVE ALL EXISTING WALL MOUNTED HOSPITAL "BOX SIGNS" FROM GARAGE LEVELS, PATCH WALLS AND CAP ALL ELECTRICAL.
 - REMOVE ALL EXISTING LEVEL SIGNAGE MARKERS ON DOORS TO BE REPLACED WITH NEW PAINTED GRAPHICS. SEE DETAIL 10/A824.1 FOR TYPICAL DOOR GRAPHIC.
 - REPAINT EXISTING PARKING GARAGE COLUMN LEVEL MARKERS - PAINT COLORS AND FONTS TO BE APPROVED BY ARCHITECT PRIOR TO IMPLEMENTATION.



POB - PARKING LEVEL P3 B
 A122.2
 1/8" = 1'-0"



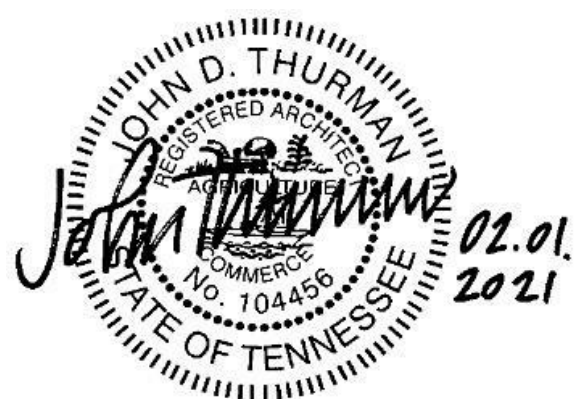
Project Information:

19018

COK SAFETY BUILDING

900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:

Architects Design Group

#	ISSUE	DATE
2	ADD #02.1	02/17/21
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Issue Date: FEBRUARY 1, 2021
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 PM: JOHN THURMAN
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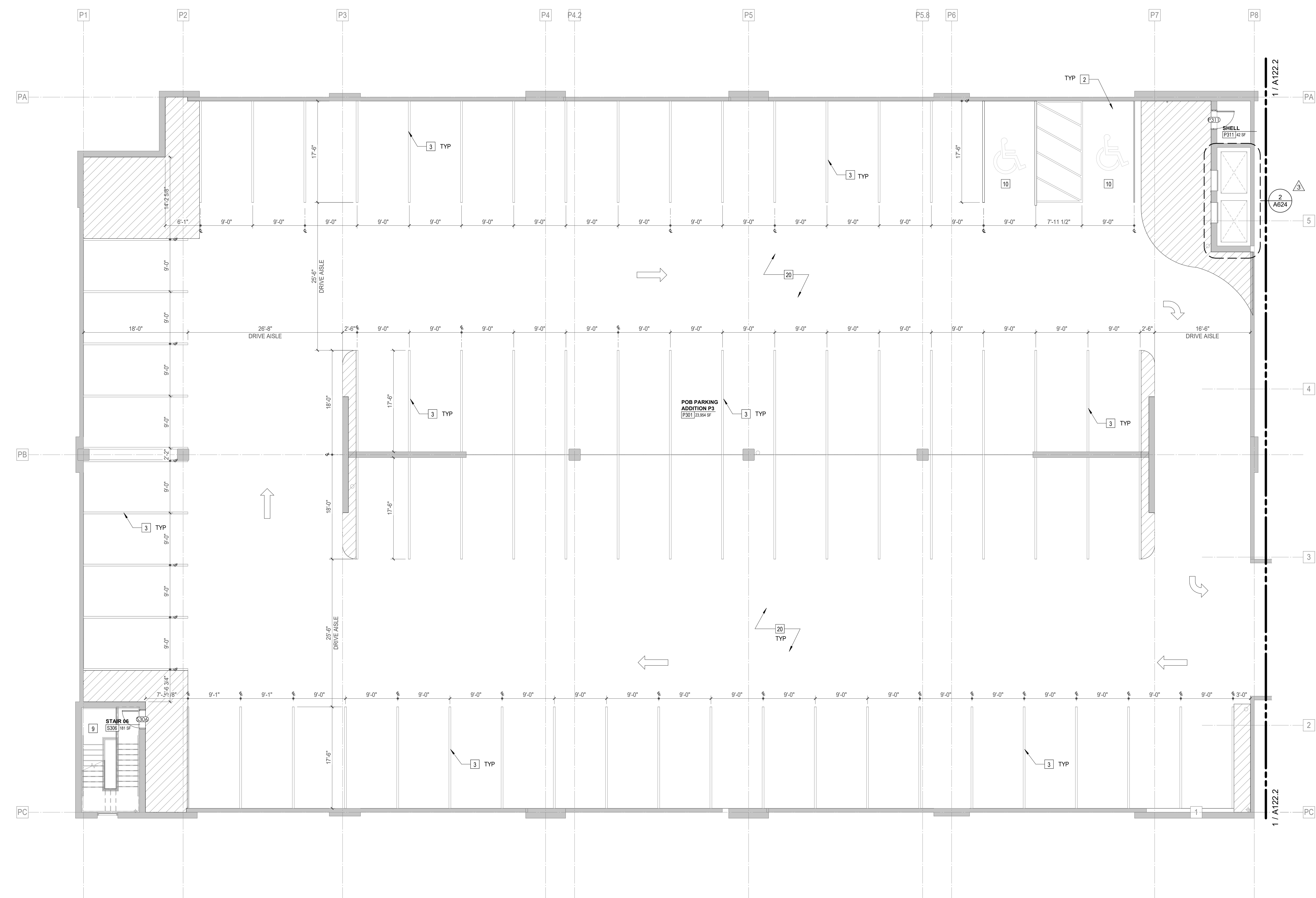
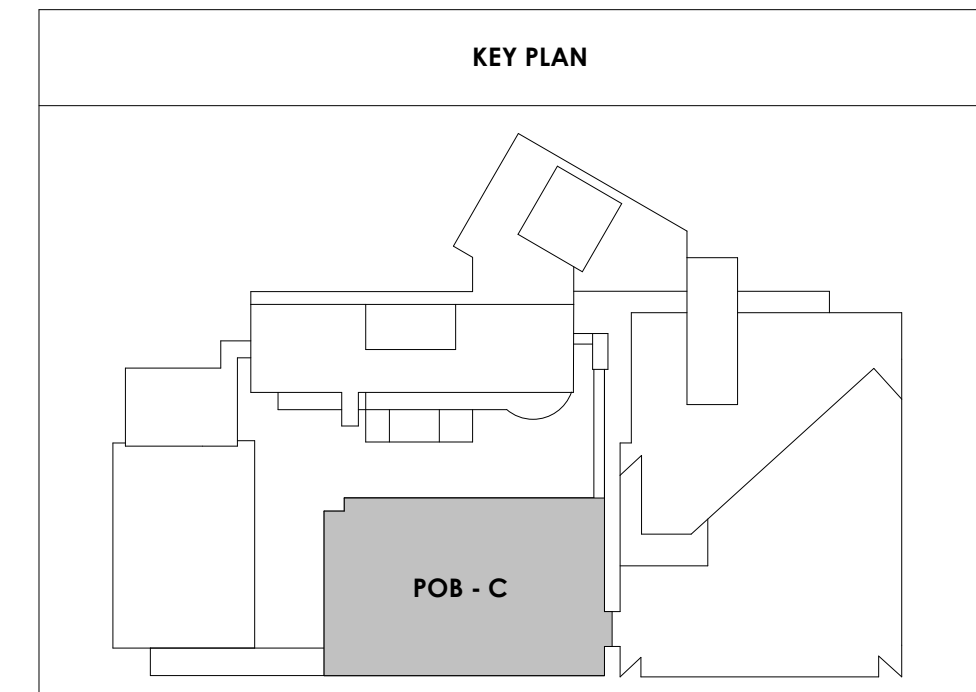
A122.3

POB - PARKING LEVEL
P3 C FLOOR PLAN

WALL LEGEND	
	2 HR PARTITION (ASSEMBLY VARIES)
	1 HR PARTITION (ASSEMBLY VARIES)
	BALLISTIC LEVEL 3 PARTITION (ASSEMBLY VARIES)
	NEW PARTITION (ASSEMBLY VARIES)
	EXISTING PARTITION
	EXISTING PARTITION TO BE DEMOLISHED

Keynotes - Parking Garage	
TAG	TEXT
1	FULL HEIGHT SECURITY FENCING AND GATE. SEE SHEET AS420 AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
2	PREP PAINT AND REUSE EXISTING WHEEL STOPS AT ACCESSIBLE PARKING LOCATIONS.
3	NEW PARKING LOT STRIPING.
4	PROVIDE NEW HANDRAILS, GUARDRAILS AND EGRESS STAIR ILLUMINATION. PREP AND PAINT EXISTING STAIR & WALLS TO REMAIN.
5	NEW OWNER PROVIDED FOLDING ARM. SEE ELECTRICAL & TELECOMMUNICATIONS PLANS FOR CONDUIT/POWER REQUIREMENTS.
6	NEW BADGE IN ACCESS READER. SEE SHEET AS420 AND ELECTRICAL FOR ADDITIONAL INFO.
7	EXISTING ELEVATOR TO BE REFURBISHED AS REQUIRED-SEE ELEVATOR PLANS & DETAILS SHEET A025 FOR INFO.
8	EXISTING ELEVATOR TO BE REPLACED - VERIFY CONDITION & REQ'S WITH ELEVATOR CONTRACTOR FOR COMPLETE REPLACEMENT.
9	PREP AND PAINT EXISTING STAIR & WALLS TO REMAIN.
10	RESTRIPING PARKING TO ACCOMMODATE FOR ACCESSIBLE PARKING SPACES SHOWN. REFER TO CIVIL FOR ADA SIGNAGE AND PARKING SYMBOLS.
11	BIKE RACK STORAGE. N.I.C. OWNER PURCHASED OWNER INSTALLED.
12	RELOCATED GENERATOR. REFER TO ELECTRICAL AND STRUCTURAL SHEETS FOR COORDINATION OF HOUSEKEEPING PAD.
13	REMOVE EXISTING STRIPING AND PREP FOR NEW STRIPING LAYOUT.
14	FULL HEIGHT CHAIN LINK FENCE AND FENCE TOP. SEE SPECIFICATIONS FOR INFO.
15	EXISTING BOLLARDS. TYP. CONTRACTOR TO PROVIDE NEW PAINT.
16	PAINT NEW SAFETY STRIPING FOR NEW DRIVE PATH AND VOIDED PARKING SPOTS.
17	PAINTING OF CURB SAFETY STRIPING FOR ALL ENTRANCES AND EXIT DRIVE PATH. TO BE EVALUATED AND DETERMINED BY ARCHITECT.
18	NOT USED.
19	NEW 6" DECK MOUNTED SAFETY STEEL BOLLARDS ATTACHED TO CONC. DECK. COMPLY TO ALL APPLICABLE CODES. REFER TO STRUCT AND SPECIFICATIONS FOR INFO.
20	REPAINT ALL COLUMN GRAPHICS WITH NEW UPDATED COLOR AND FONT COLOR. TO BE DETERMINED BY ARCHITECT.
21	RESERVED COURT STAFF PARKING.
22	RESERVED PENSION STAFF PARKING.
23	CHAIN LINK FENCE TO ENCLOSE TOP AND ALL SIDES OF GENERATOR. SIZE OF FENCING TO BE DETERMINED AFTER INSTALLATION OF EQUIPMENT. SEE SHEET AS400 FOR ELEVATION.
24	HOUSE KEEPING PAD.

- PARKING GARAGE GENERAL NOTES**
- REMOVE ALL WHEEL STOPS PRIOR TO RESTRIPIING
 - REMOVE ALL EXISTING WALL MOUNTED HOSPITAL "BOX SIGNS" FROM GARAGE LEVELS. PATCH WALLS AND CAP ALL ELECTRICAL
 - REMOVE ALL EXISTING LEVEL SIGNAGE MARKERS ON DOORS TO BE REPLACED WITH NEW PAINTED GRAPHICS. SEE DETAIL 10/A024.1 FOR TYPICAL DOOR GRAPHIC
 - REPAINT EXISTING PARKING GARAGE COLUMN LEVEL MARKERS - PAINT COLORS AND FONTS TO BE APPROVED BY ARCHITECT PRIOR TO IMPLEMENTATION



1 POB - PARKING LEVEL P3 C
1/8" = 1'-0"

3/30/2021 5:46:12 PM



Project Information:

19018

COK SAFETY BUILDING

900 East Oak Hill Ave, Knoxville, TN

Seal:



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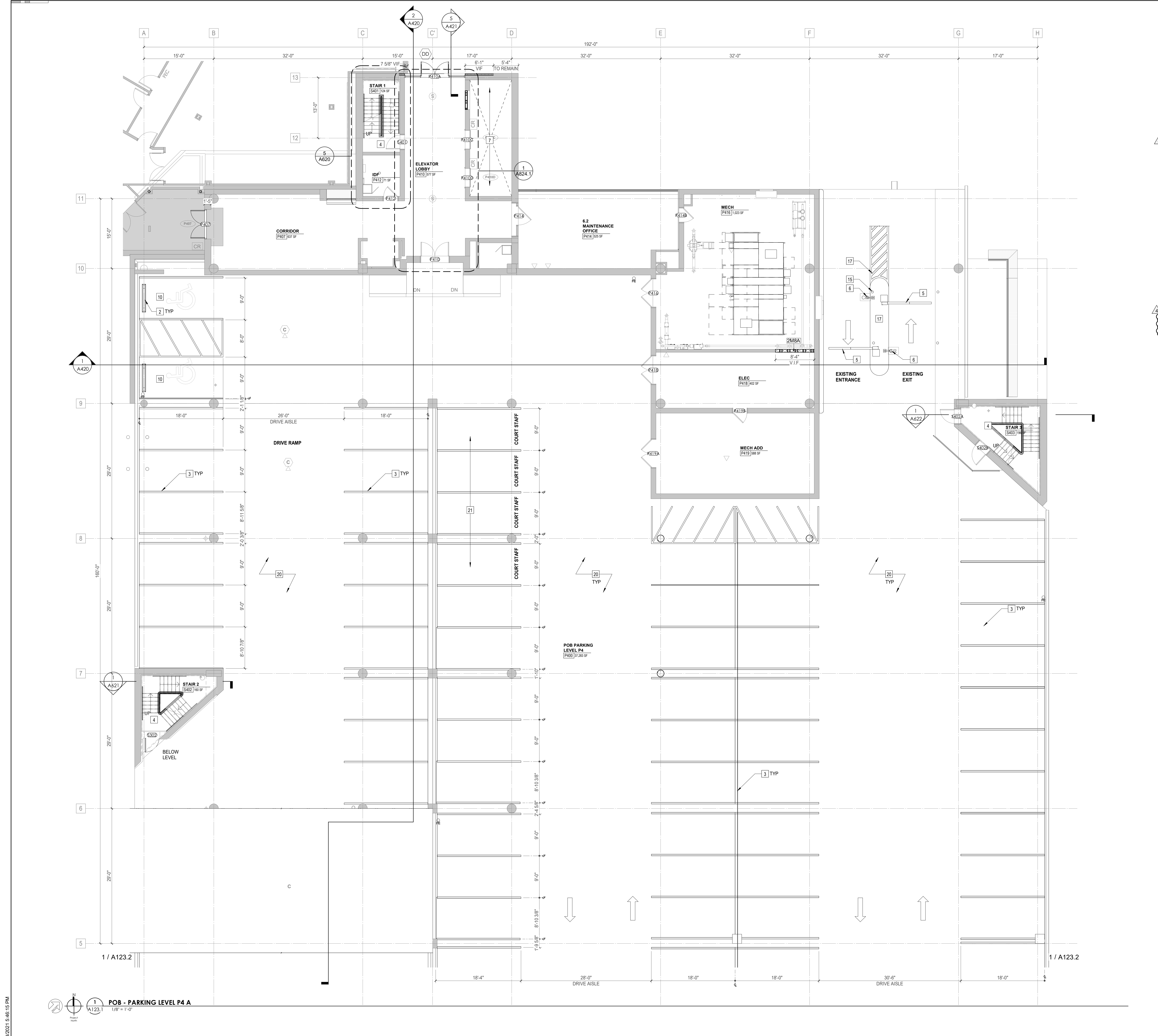
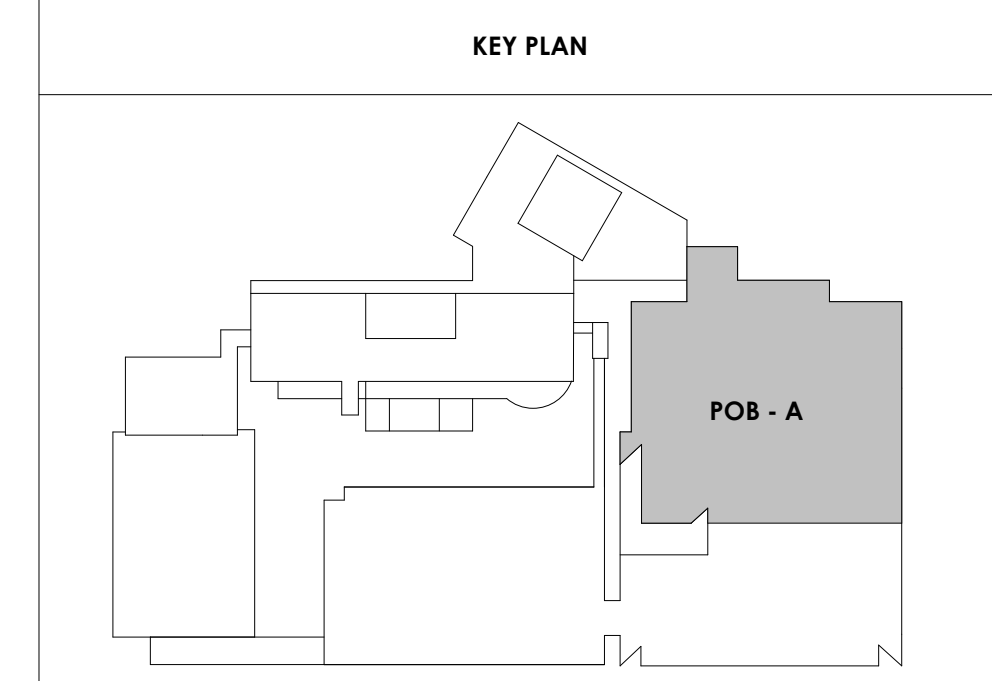
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POB - PARKING LEVEL
P4 A FLOOR PLAN

WALL LEGEND	
	2 HR PARTITION (ASSEMBLY VARIES)
	1 HR PARTITION (ASSEMBLY VARIES)
	BALLISTIC LEVEL 3 PARTITION (ASSEMBLY VARIES)
	NEW PARTITION (ASSEMBLY VARIES)
	EXISTING PARTITION
	EXISTING PARTITION TO BE DEMOLISHED

Keynotes - Parking Garage	
TAG	TEXT
1	FULL HEIGHT SECURITY FENCING AND GATE. SEE SHEET AS420 AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
2	PREP PAINT AND REUSE EXISTING WHEEL STOPS AT ACCESSIBLE PARKING LOCATIONS.
3	NEW PARKING LOT STRIPING.
4	PROVIDE NEW HANDRAILS, GUARDRAILS AND EGRESS STAIR ILLUMINATION. PREP AND PAINT EXISTING STAIR & WALLS TO REMAIN.
5	NEW OWNER PROVIDED FOLDING ARM. SEE ELECTRICAL & TELECOMMUNICATIONS PLANS FOR CONDUIT/POWER REQUIREMENTS.
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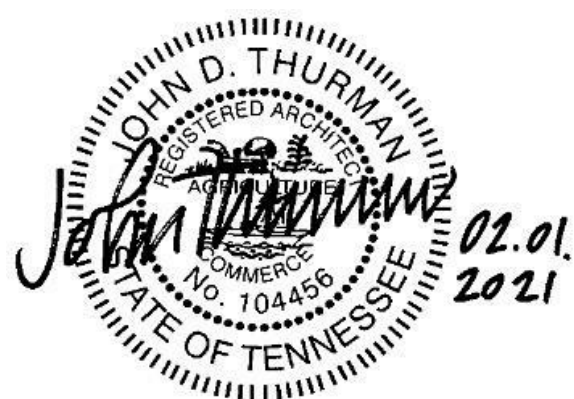
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PMC:	DAVID COLLINS
PM:	JOHN THURMAN
PA:	LAUREN BUSH /
Drawn By:	TONY M
Checked By:	BP

Drawing Info:

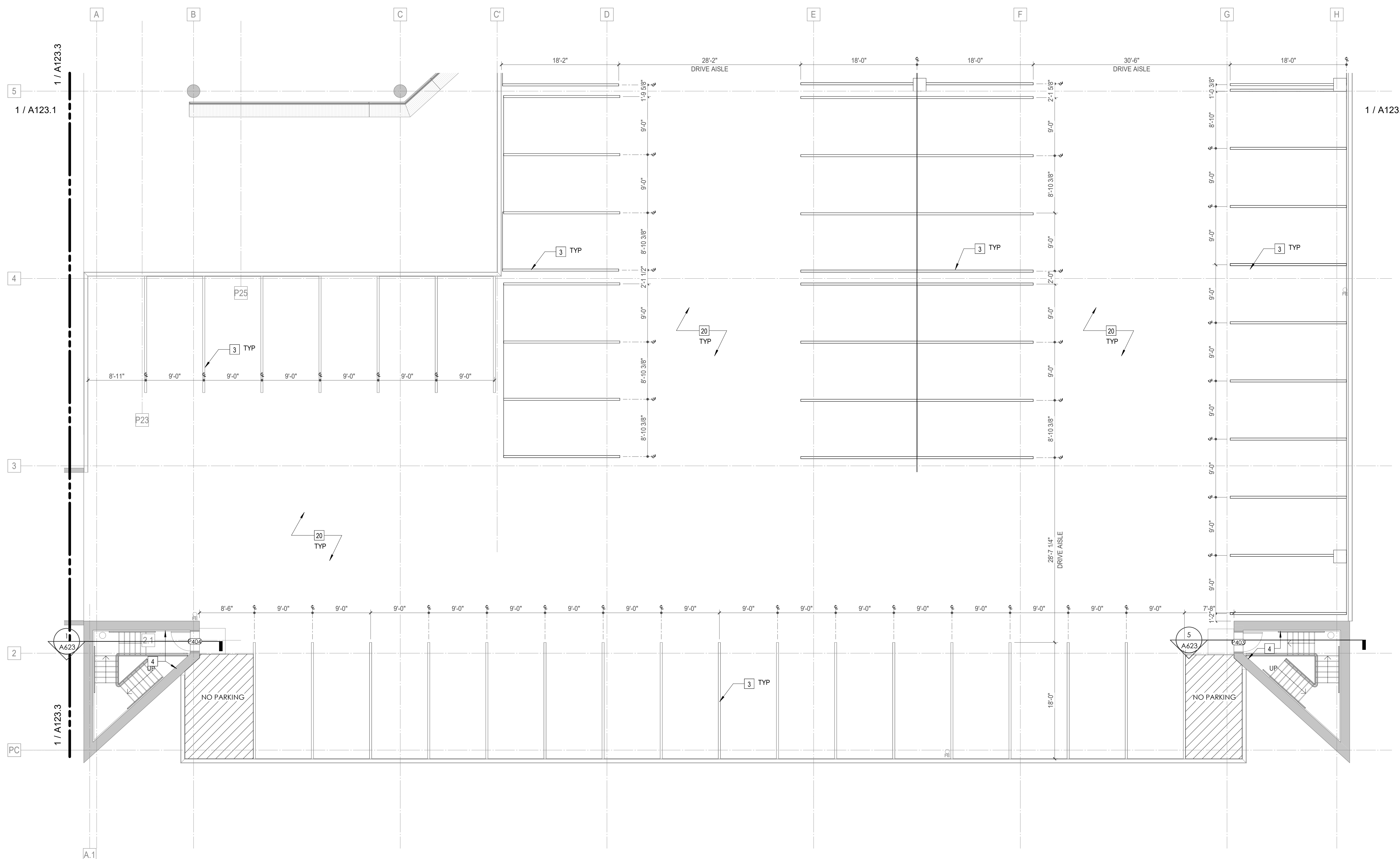
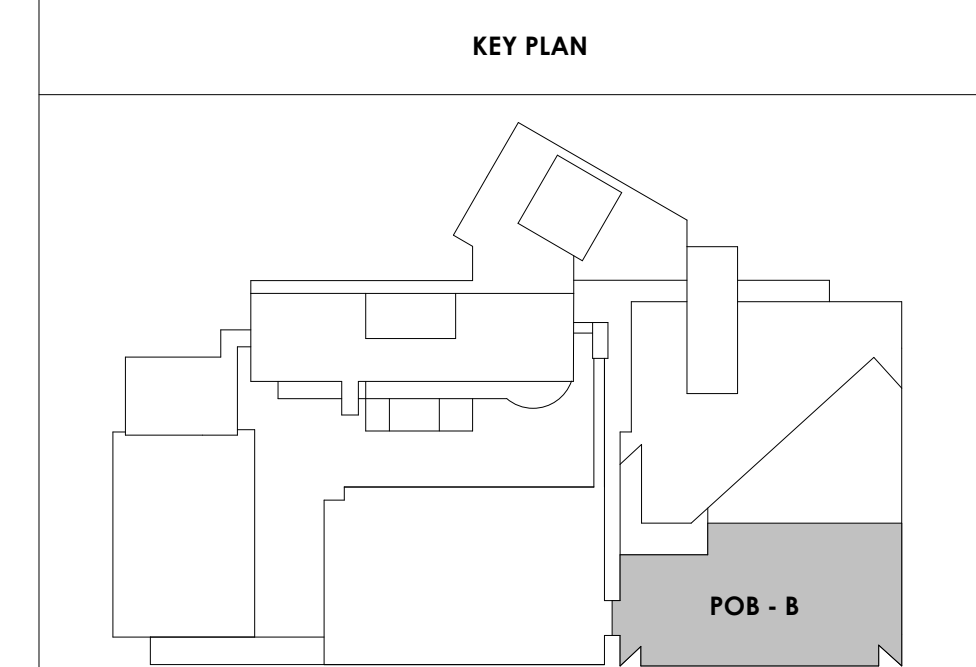
A123.2

POB - PARKING LEVEL
P4 B FLOOR PLAN

WALL LEGEND	
	2 HR PARTITION (ASSEMBLY VARIES)
	1 HR PARTITION (ASSEMBLY VARIES)
	BALLISTIC LEVEL 3 PARTITION (ASSEMBLY VARIES)
	NEW PARTITION (ASSEMBLY VARIES)
	EXISTING PARTITION
	EXISTING PARTITION TO BE DEMOLISHED

Keynotes - Parking Garage	
TAG	TEXT
1	FULL HEIGHT SECURITY FENCING AND GATE. SEE SHEET AS420 AND SPECIFICATIONS FOR ADDITIONAL INFORMATION
2	PREP PAINT AND REUSE EXISTING WHEEL STOPS AT ACCESSIBLE PARKING LOCATIONS
3	NEW PARKING LOT STRIPING
4	PROVIDE NEW HANDRAILS, GUARDRAILS AND EGRESS STAIR ILLUMINATION. PREP AND PAINT EXISTING STAIR & WALLS TO REMAIN
5	NEW OWNER PROVIDED FOLDING ARM. SEE ELECTRICAL & TELECOMMUNICATIONS PLANS FOR CONDUIT/POWER REQUIREMENTS
6	NEW BADGE IN ACCESS READER. SEE SHEET AS420 AND ELECTRICAL FOR ADDITIONAL INFO
7	EXISTING ELEVATOR TO BE REFURBISHED AS REQUIRED-SEE ELEVATOR PLANS & DETAILS SHEET A025 FOR INFO
8	EXISTING ELEVATOR TO BE REPLACED - VERIFY CONDITION & REQ'S WITH ELEVATOR CONTRACTOR FOR COMPLETE REPLACEMENT
9	PREP AND PAINT EXISTING STAIR & WALLS TO REMAIN
10	RESTRIP PARKING TO ACCOMMODATE FOR ACCESSIBLE PARKING SPACES SHOWN. REFER TO CIVIL FOR ADA SIGNAGE AND PARKING SYMBOLS
11	BIKE RACK STORAGE. N.I.C. OWNER PURCHASED OWNER INSTALLED
12	RELOCATED GENERATOR. REFER TO ELECTRICAL AND STRUCTURAL SHEETS FOR COORDINATION OF HOUSEKEEPING PAD.
13	REMOVE EXISTING STRIPING AND PREP FOR NEW STRIPING LAYOUT
14	FULL HEIGHT CHAIN LINK FENCE AND FENCE TOP. SEE SPECIFICATIONS FOR INFO
15	EXISTING BOLLARDS. TYP. CONTRACTOR TO PROVIDE NEW PAINT
16	PAINT NEW SAFETY STRIPING FOR NEW DRIVE PATH AND VOIDED PARKING SPOTS
17	PAINTING OF CURB SAFETY STRIPING FOR ALL ENTRANCES AND EXIT DRIVE PATH. TO BE EVALUATED AND DETERMINED BY ARCHITECT
18	NOT USED
19	NEW 6" DECK MOUNTED SAFETY STEEL BOLLARDS ATTACHED TO CONC. DECK. COMPLY TO ALL APPLICABLE CODES. REFER TO STRUCT AND SPECIFICATIONS FOR INFO
20	REPAINT ALL COLUMN GRAPHICS WITH NEW UPDATED COLOR AND FONT COLOR. TO BE DETERMINED BY ARCHITECT.
21	RESERVED COURT STAFF PARKING
22	RESERVED PENSION STAFF PARKING
23	CHAIN LINK FENCE TO ENCLOSE TOP AND ALL SIDES OF GENERATOR. SIZE OF FENCING TO BE DETERMINED AFTER INSTALLATION OF EQUIPMENT. SEE SHEET AS420 FOR ELEVATION.
24	HOUSE KEEPING PAD

- PARKING GARAGE GENERAL NOTES**
- REMOVE ALL WHEEL STOPS PRIOR TO RESTRIPIING
 - REMOVE ALL EXISTING WALL MOUNTED HOSPITAL "BOX SIGNS" FROM GARAGE LEVELS. PATCH WALLS AND CAP ALL ELECTRICAL
 - REMOVE ALL EXISTING LEVEL SIGNAGE MARKERS ON DOORS TO BE REPLACED WITH NEW PAINTED GRAPHICS. SEE DETAIL 10ABX.1 FOR TYPICAL DOOR GRAPHIC
 - REPAINT EXISTING PARKING GARAGE COLUMN LEVEL MARKERS - PAINT COLORS AND FONTS TO BE APPROVED BY ARCHITECT PRIOR TO IMPLEMENTATION



POB - PARKING LEVEL P4 B
1/8" = 1'-0"



Project Information:

19018

COK SAFETY BUILDING

900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:

Architects Design Group

#	ISSUE	DATE
2	ADD #02.1	02/17/21
3	ADD #03.1	02/24/21
4	ADD #04.1	03/03/21

Issue Date: FEBRUARY 1, 2021
 PIC: DAVID COLLINS
 PM: JOHN THURMAN
 PA: LAUREN BUSH /
 Drawn By: TONY M
 Checked By: BP

Drawing Info:

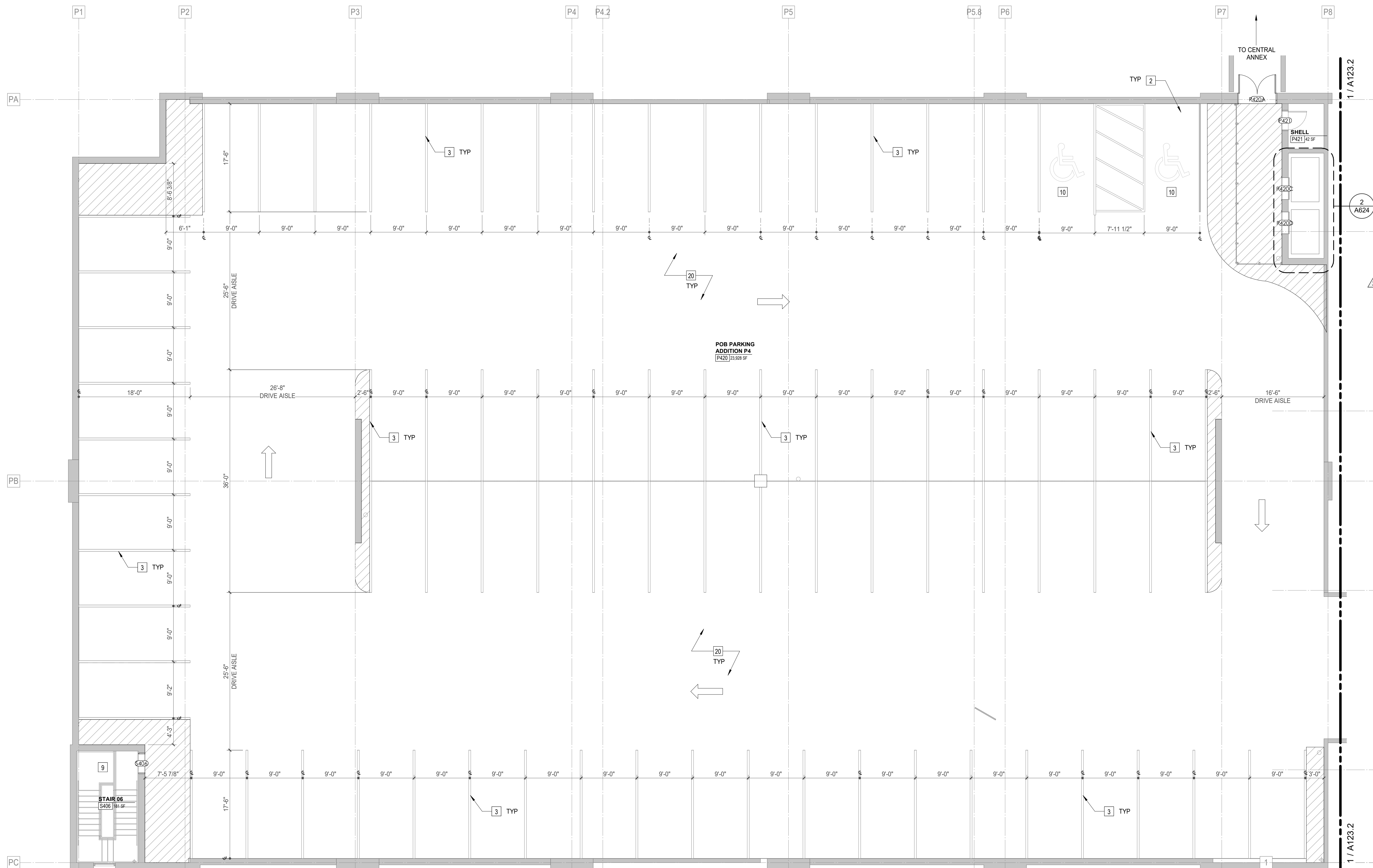
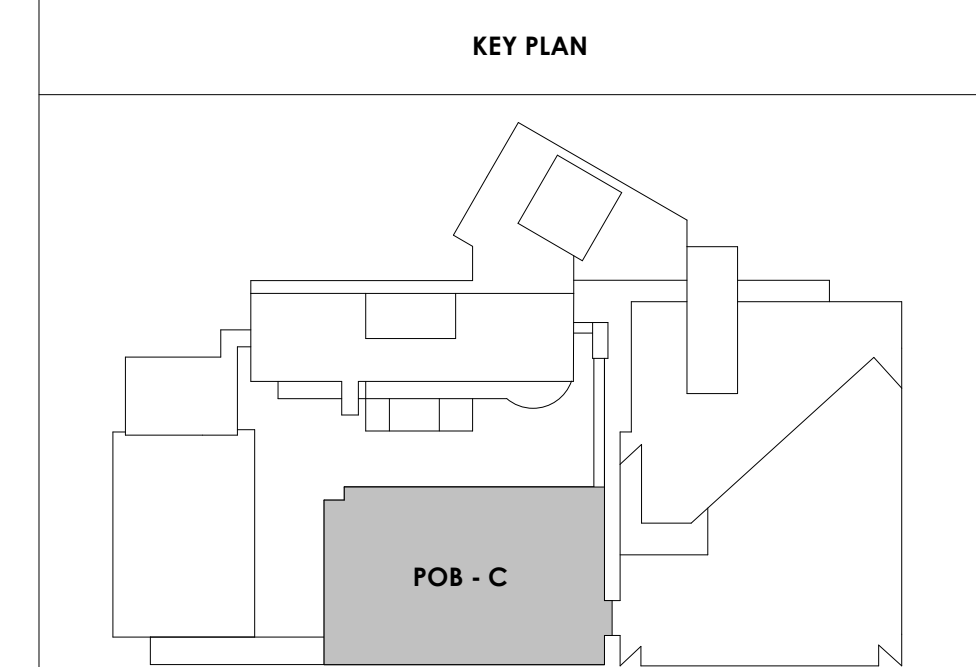
A123.3

POB - PARKING LEVEL
P4 C FLOOR PLAN

WALL LEGEND	
	2 HR PARTITION (ASSEMBLY VARIES)
	1 HR PARTITION (ASSEMBLY VARIES)
	BALLISTIC LEVEL 3 PARTITION (ASSEMBLY VARIES)
	NEW PARTITION (ASSEMBLY VARIES)
	EXISTING PARTITION
	EXISTING PARTITION TO BE DEMOLISHED

Keynotes - Parking Garage	
TAG	TEXT
1	FULL HEIGHT SECURITY FENCING AND GATE. SEE SHEET AS420 AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
2	PREP PAINT AND REUSE EXISTING WHEEL STOPS AT ACCESSIBLE PARKING LOCATIONS.
3	NEW PARKING LOT STRIPING.
4	PROVIDE NEW HANDRAILS, GUARDRAILS AND EGRESS STAIR ILLUMINATION. PREP AND PAINT EXISTING STAIR & WALLS TO REMAIN.
5	NEW OWNER PROVIDED FOLDING ARM. SEE ELECTRICAL & TELECOMMUNICATIONS PLANS FOR CONDUIT/POWER REQUIREMENTS.
6	NEW BADGE IN ACCESS READER. SEE SHEET AS420 AND ELECTRICAL FOR ADDITIONAL INFO.
7	EXISTING ELEVATOR TO BE REFURBISHED AS REQUIRED-SEE ELEVATOR PLANS & DETAILS SHEET ADDS FOR INFO.
8	EXISTING ELEVATOR TO BE REPLACED - VERIFY CONDITION & REQ'S WITH ELEVATOR CONTRACTOR FOR COMPLETE REPLACEMENT.
9	PREP AND PAINT EXISTING STAIR & WALLS TO REMAIN.
10	RESTRIPING PARKING TO ACCOMMODATE FOR ACCESSIBLE PARKING SPACES SHOWN. REFER TO CIVIL FOR ADA SIGNAGE AND PARKING SYMBOLS.
11	BIKE RACK STORAGE. N.I.C. OWNER PURCHASED OWNER INSTALLED.
12	RELOCATED GENERATOR. REFER TO ELECTRICAL AND STRUCTURAL SHEETS FOR COORDINATION OF HOUSEKEEPING PAD.
13	REMOVE EXISTING STRIPING AND PREP FOR NEW STRIPING LAYOUT.
14	FULL HEIGHT CHAIN LINK FENCE AND FENCE TOP. SEE SPECIFICATIONS FOR INFO.
15	EXISTING BOLLARDS. TYP. CONTRACTOR TO PROVIDE NEW PAINT.
16	PAINT NEW SAFETY STRIPING FOR NEW DRIVE PATH AND VOIDED PARKING SPOTS.
17	PAINTING OF CURB SAFETY STRIPING FOR ALL ENTRANCES AND EXIT DRIVE PATH. TO BE EVALUATED AND DETERMINED BY ARCHITECT.
18	NOT USED.
19	NEW 6" DECK MOUNTED SAFETY STEEL BOLLARDS ATTACHED TO CONC. DECK. COMPLY TO ALL APPLICABLE CODES. REFER TO STRUCT AND SPECIFICATIONS FOR INFO.
20	REPAINT ALL COLUMN GRAPHICS WITH NEW UPDATED COLOR AND FONT. COLOR TO BE DETERMINED BY ARCHITECT.
21	RESERVED COURT STAFF PARKING.
22	RESERVED PENSION STAFF PARKING.
23	CHAIN LINK FENCE TO ENCLOSE TOP AND ALL SIDES OF GENERATOR. SIZE OF FENCING TO BE DETERMINED AFTER INSTALLATION OF EQUIPMENT. SEE SHEET AS400 FOR ELEVATION.
24	HOUSE KEEPING PAD.

- PARKING GARAGE GENERAL NOTES**
- REMOVE ALL WHEEL STOPS PRIOR TO RESTRIPIING
 - REMOVE ALL EXISTING WALL MOUNTED HOSPITAL "BOX SIGNS" FROM GARAGE LEVELS, PATCH WALLS AND CAP ALL ELECTRICAL
 - REMOVE ALL EXISTING LEVEL SIGNAGE MARKERS ON DOORS TO BE REPLACED WITH NEW PAINTED GRAPHICS. SEE DETAIL 10/A824.1 FOR TYPICAL DOOR GRAPHIC
 - REPAINT EXISTING PARKING GARAGE COLUMN LEVEL MARKERS - PAINT COLORS AND FONTS TO BE APPROVED BY ARCHITECT PRIOR TO IMPLEMENTATION



1 POB - PARKING LEVEL P4 C
 A123.3
 1/8" = 1'-0"



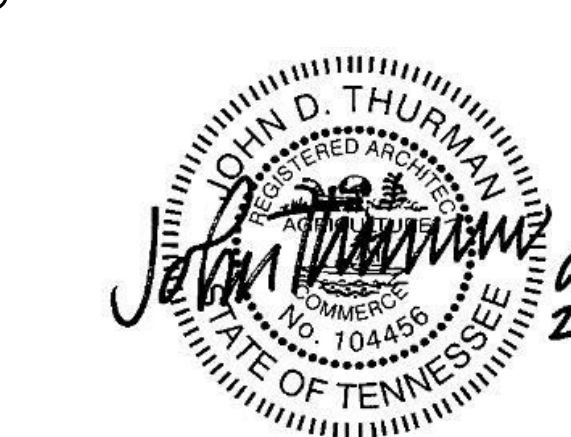
Project Information:

19018

COK SAFETY BUILDING

900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:

Architects Design Group

#	ISSUE	DATE
2	ADD #02.1	02/17/21
4	ADD #04.1	03/03/21

Issue Date: FEBRUARY 1, 2021

PIC: DAVID COLLINS

PM: JOHN THURMAN

PA: LAUREN BUSH /

Drawn By: M LABBE

Checked By: BP

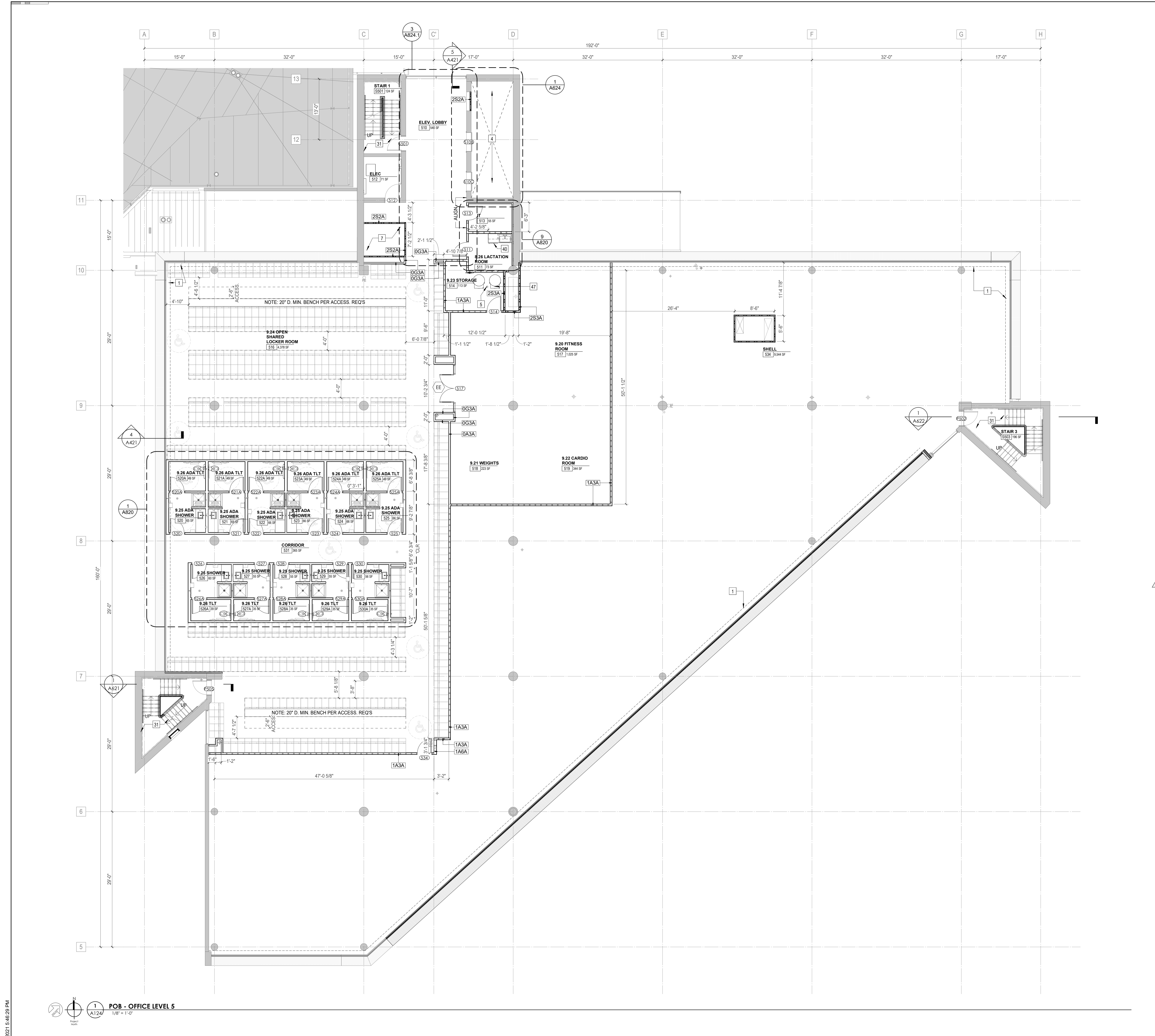
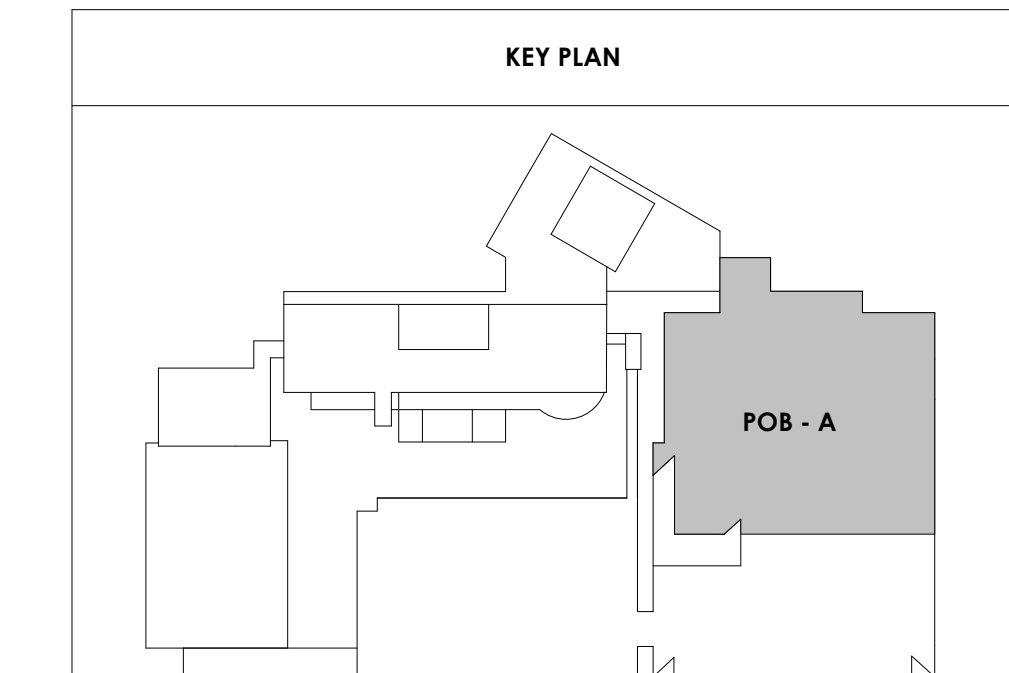
Drawing Info:

A124

POB - OFFICE LEVEL 5 FLOOR PLAN

WALL LEGEND	
	2 HR PARTITION (ASSEMBLY VARIES)
	1 HR PARTITION (ASSEMBLY VARIES)
	BALLISTIC LEVEL 3 PARTITION (ASSEMBLY VARIES)
	NEW PARTITION (ASSEMBLY VARIES)
	EXISTING PARTITION
	EXISTING PARTITION TO BE DEMOLISHED

KEYNOTE - FLOOR PLAN	
TAG	TEXT
1	SOFFIT ABOVE (DASHED)
2	EXISTING EGRESS STAIR TO REMAIN - PREP & PAINT EXISTING HANDRAILS, STAIR, & WALLS TO REMAIN
3	EXISTING ELEVATOR TO BE REPLACED AS REQUIRED TO REACH ALL FOUR (4) FLOORS. SEE ELEVATOR PLANS & DETAILS SHEET FOR INFO.
4	EXISTING ELEVATOR - REFURBISH EQUIPMENT & CONTROLS. NEW FINISHES TO INTERIOR OF CAR AS REQ'D. SEE ELEVATOR PLANS & DETAILS SHEET FOR INFO.
5	NEW FLOOR DRAIN - REFER TO PLUMBING
6	SHADED AREA DENOTES NEW CONCRETE SLAB - REFER TO STRUC.
7	BALLISTIC LEVEL 3 RATING AND GLAZING - 8'-0" AFF MIN.
8	MOBILE VEHICLE LIFT
9	OVERHEAD COLLING DOOR
10	OWNER PROVIDED WOOD PEW SEATING - N.I.C.
11	OWNER PROVIDED 36" DEEP OPEN SHELVING - N.I.C.
12	18" X 24" X 72" HEAVY DUTY LOCKER WITH DRAWER/BENCH (TYPE 1)
13	18" X 24" X 72" HEAVY DUTY THREE TIER LOCKERS (TYPE 2)
14	NEW PASS THRU LOCKERS - TYPE 3
15	RECESSED SIDE ARMS LOCKERS (ONE FOUR DOOR UNIT AT EACH DOOR)
16	PUBLIC WEAPONS STG LOCKERS - TABLET PHONE WALL LOCKERS WITH 12 DOORS (TYPE 5)
17	CANOPY ABOVE (DASHED)
18	OWNER PROVIDED SYSTEMS FURNITURE - N.I.C.
19	OWNER PROVIDED COPIER - N.I.C.
20	PROVIDE REQ. BLOCKING FOR LOCATIONS WHERE WALL MOUNTED TV MONITORS ARE LOCATED. REFER TO EQUIPMENT PLANS FOR LOCATIONS
21	PROVIDE REQ. BLOCKING FOR ALL MARKER BOARD LOCATIONS
22	KNOX BOX (RECESSED)
23	RECESSED CELL PHONE LOCKERS TO MATCH METAL WALL PANEL
24	METAL DETECTOR ENTRY SECURITY
25	MOP SINK - SEE PLUMBING
26	18" DEEP BOOKSHELVES
27	12" DEEP COUNTERS ON L2X2X1/4" HEAVY DUTY WELDED ANGLE SUPPORT BRACKETS
28	24" DEEP COUNTERS ON L2X2X1/4" HEAVY DUTY WELDED ANGLE SUPPORT BRACKETS
29	30" DEEP COUNTERS ON L2X2X1/4" HEAVY DUTY WELDED ANGLE SUPPORT BRACKETS
30	18" DEEP COUNTERS ON L2X2X1/4" HEAVY DUTY WELDED ANGLE SUPPORT BRACKETS
31	PROVIDE NEW HANDRAILS, GUARDRAILS AND EGRESS STAIR ILLUMINATION. PREP AND PAINT EXISTING STAIR & WALLS TO REMAIN
32	OPERABLE FOLDING PARTITION WITH EGRESS DOORS
33	NEW DROP BOX
34	HIGH LOW WATER COOLER
35	OWNER PROVIDED HIGH DENSITY MOBILE STORAGE SYSTEM AND OVERSLAB RAILS
36	8" DEEP SHELF
37	ABANDON EXISTING ELEVATOR
38	EXISTING FULL HEIGHT SPANDREL PANEL
39	TWO-WAY COMMUNICATOR (BLACK FINISH), PROVIDE CUTSHEET AND VERIFY COLOR SELECTION WITH MFR PRIOR TO PURCHASE - BASIS OF DESIGN AUTLUS BY C.R. LAURENCE
40	OWNER PROVIDED REFRIGERATOR, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
41	OWNER PROVIDED REFRIGERATOR UNDERCOUNTER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
42	OWNER PROVIDED BLUNN COFFEE MAKER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
43	OWNER PROVIDED MICROWAVE UNDERCOUNTER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
44	OWNER PROVIDED UNDERCOUNTER DISHWASHER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
45	OWNER PROVIDED COOKTOP AND HOOD, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
46	OWNER PROVIDED ICE MAKER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
47	NEW WATER HEATER - SEE PLUMBING
48	WALL MOUNTED MOP & BROOM HOLDER
49	APPLY TRANSPARENT FILM TO INSIDE FACE OF GLAZING
50	IMPACT RESISTANT STEEL BOLLARD. GENERAL LOCATION SHOWN. COORDINATE LOCATION IN FIELD. REFER TO DETAIL TA3400.
51	NEW CONCRETE RAMP. SEE SITE DETAILS AS006 & STRUCTURAL DRAWINGS FOR INFO.
52	NEW SHOOTING RANGE. SEE SHOOTING RANGE PLANS A108 FOR INFO.
53	PROVIDE WHEEL STOPS AT ACCESSIBLE PARKING LOCATIONS
54	NEW FOLDING ARM. SEE ELECTRICAL PLAN FOR ADDITIONAL INFORMATION
55	NEW BADGE IN ACCESS READER. SEE SHEET AS120 AND ELECTRICAL FOR ADDITIONAL INFORMATION
56	RESTRIP PARKING TO ACCOMMODATE FOR ACCESSIBLE PARKING SPACES SHOWN. REFER TO CIVIL FOR ADA SIGNAGE AND PARKING SYMBOLS
57	NEW TRENCH DRAIN - SEE PLUMBING
58	NEW HOSE BIB - SEE PLUMBING
59	EYE WASH - SEE PLUMBING
60	1" FLUSH FLOOR TO FLOOR 2 HR EXPANSION JOINT (TYPE 1) TO MATCH ADJACENT TILE - SEE STRUC AND DETAILS ON A111.2
61	1" FLUSH FLOOR TO WALL 2 HR EXPANSION JOINT (TYPE 2) TO MATCH ADJACENT CARPET - SEE STRUC AND DETAILS ON A111.2
62	1" FLUSH FLOOR TO WALL 2 HR EXPANSION JOINT (TYPE 3) TO MATCH ADJACENT CARPET - SEE STRUC AND DETAILS ON A111.2
63	1" FLUSH FLOOR TO WALL 2 HR EXPANSION JOINT (TYPE 4) TO MATCH ADJACENT TILE - SEE STRUC AND DETAILS ON A111.2
64	1" FLUSH WALL CEILING TO WALL CEILING EXPANSION JOINT (TYPE 5) TO MATCH ADJACENT PAINT COLOR - SEE STRUC AND DETAILS ON A111.2
65	1" EXPANSION JOINT (TYPE 6) TO MATCH ADJACENT BRICK - SEE STRUC AND DETAILS
66	ADA PUSH BUTTON
67	FLOOR BOX - VERIFY FINAL LOCATION PRIOR TO INSTALLION W/ ARCHITECT. COORDINATE W/ SYSTEMS FURNITURE - SEE ELECTRICAL
68	OWNER PROVIDED VENDING MACHINE, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
69	CEILING MOUNTED TV. PROVIDE NECESSARY MOUNTING HARDWARE - SEE ELECTRICAL AND TELECOMMUNICATIONS
70	OWNER PROVIDED MICROWAVE, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
71	24" DEEP STAINLESS PASS THROUGH COUNTER INSTALLED 34" A.F.F. SEE ENLARGED PLANS FOR INFO.



3/3/2021 5:46:29 PM
POB - OFFICE LEVEL 5
1/8" = 1'-0"



Project Information:

19018

COK SAFETY BUILDING

900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:

Architects Design Group

#	ISSUE	DATE
2	ADD #02.1	02/17/21
4	ADD #04.1	03/03/21

Issue Date: FEBRUARY 1, 2021
 PIC: DAVID COLLINS
 PM: JOHN THURMAN
 PA: LAUREN BUSH /
 Drawn By: M LABBE
 Checked By: BP

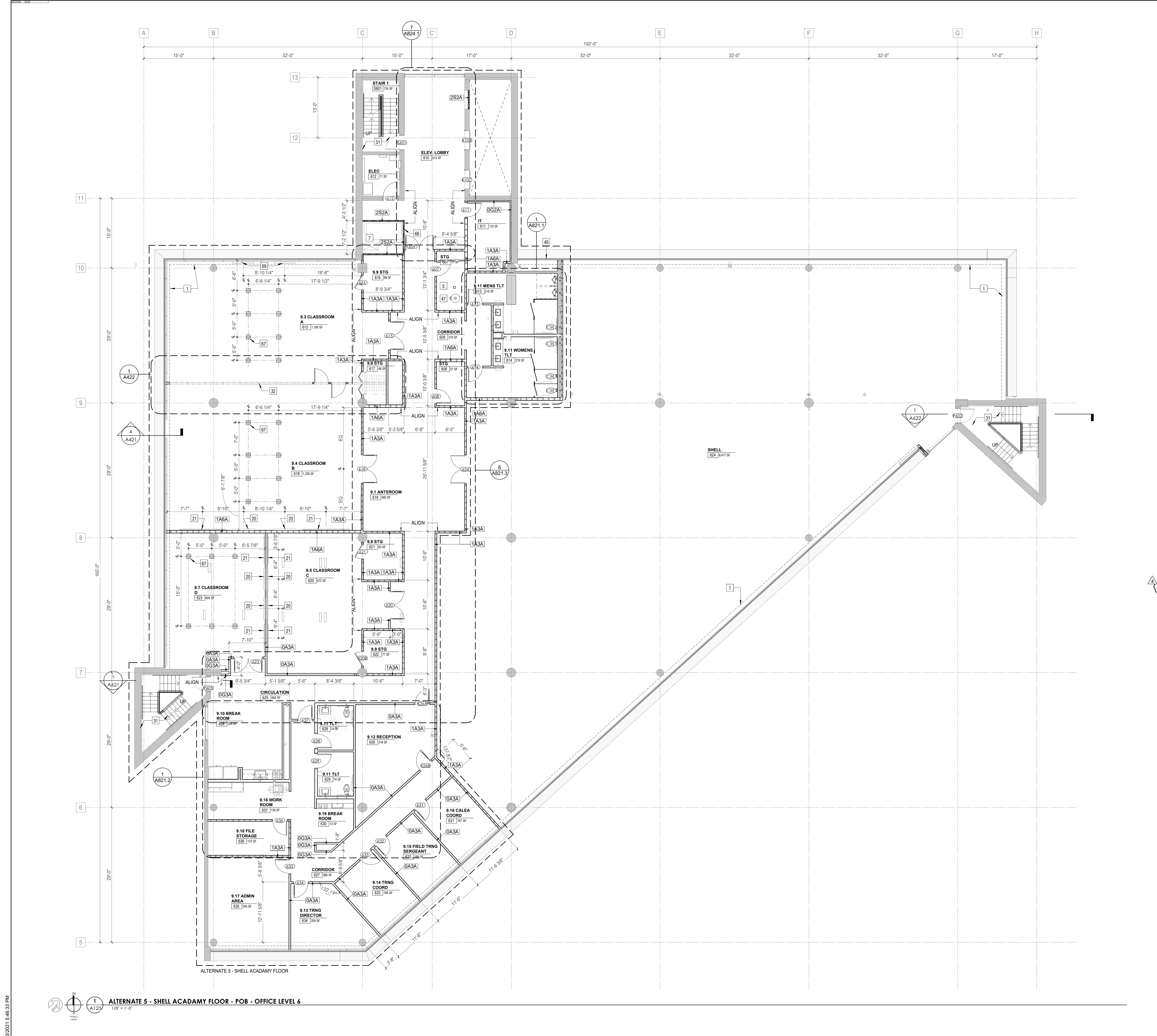
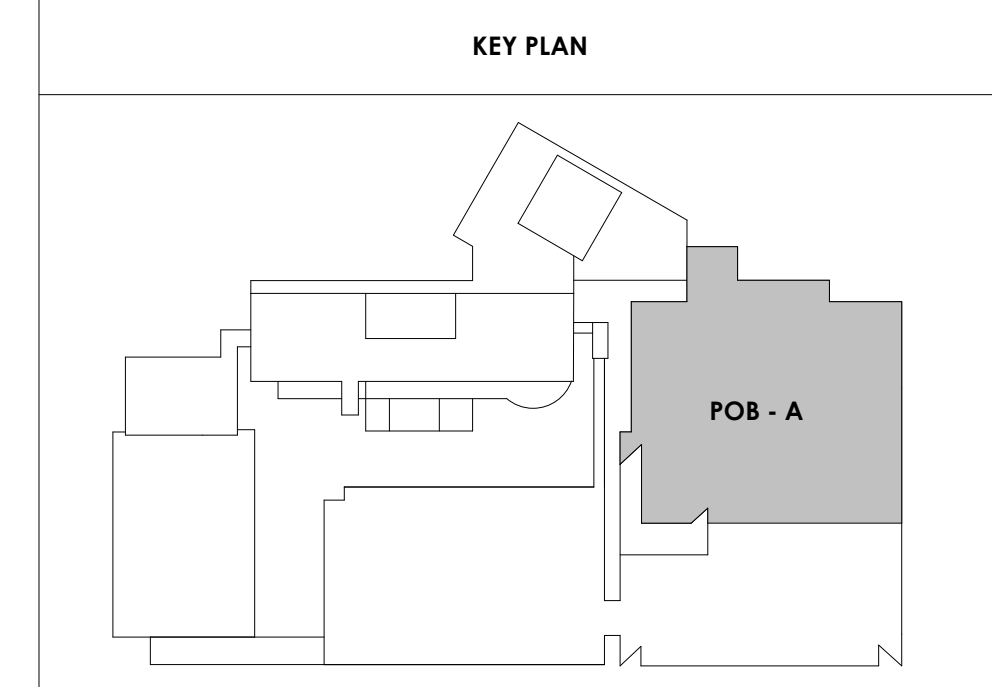
Drawing Info:

A125

POB - OFFICE LEVEL 6
FLOOR PLAN

WALL LEGEND	
	2 HR PARTITION (ASSEMBLY VARIES)
	1 HR PARTITION (ASSEMBLY VARIES)
	BALLISTIC LEVEL 3 PARTITION (ASSEMBLY VARIES)
	NEW PARTITION (ASSEMBLY VARIES)
	EXISTING PARTITION
	EXISTING PARTITION TO BE DEMOLISHED

KEYNOTE - FLOOR PLAN	
TAG	TEXT
1	SOFFIT ABOVE (DASHED)
2	EXISTING EGRESS STAIR TO REMAIN - PREP & PAINT EXISTING HANDRAILS, STAIR, & WALLS TO REMAIN
3	EXISTING ELEVATOR TO BE MODIFIED/REPLACED AS REQUIRED TO REACH ALL FOUR (4) FLOORS. SEE ELEVATOR PLANS & DETAILS SHEET FOR INFO.
4	EXISTING ELEVATOR - REFURBISH EQUIPMENT & CONTROLS. NEW FINISHES TO INTERIOR OF CAR AS REQ'D. SEE ELEVATOR PLANS & DETAILS SHEET FOR INFO.
5	NEW FLOOR DRAIN - REFER TO PLUMBING
6	SHADED AREA DENOTES NEW CONCRETE SLAB - REFER TO STRUC.
7	BALLISTIC LEVEL 3 RATING AND GLAZING - 8'-0" AFF MIN.
8	MOBILE VEHICLE LIFT
9	OVERHEAD COLING DOOR
10	OWNER PROVIDED WOOD PEW SEATING - N.I.C.
11	OWNER PROVIDED 36" DEEP OPEN SHELVING - N.I.C.
12	18" X 24" X 72" HEAVY DUTY LOCKER WITH DRAWER/BENCH (TYPE 1)
13	18" X 24" X 72" HEAVY DUTY THREE TIER LOCKERS (TYPE 2)
14	NEW PASS THRU LOCKERS - TYPE 3
15	RECESSED SIDE ARMS LOCKERS (ONE FOUR DOOR UNIT AT EACH DOOR)
16	PUBLIC WEAPONS STG LOCKERS - TABLET PHONE WALL LOCKERS WITH 12 DOORS (TYPE 5)
17	CANOPY ABOVE (DASHED)
18	OWNER PROVIDED SYSTEMS FURNITURE - N.I.C.
19	OWNER PROVIDED COPIER - N.I.C.
20	PROVIDE REQ. BLOCKING FOR LOCATIONS WHERE WALL MOUNTED TV MONITORS ARE LOCATED. REFER TO EQUIPMENT PLANS FOR LOCATIONS
21	PROVIDE REQ. BLOCKING FOR ALL MARKER BOARD LOCATIONS
22	KNOX BOX (RECESSED)
23	RECESSED CELL PHONE LOCKERS TO MATCH METAL WALL PANEL
24	METAL DETECTOR ENTRY SECURITY
25	MOP SINK - SEE PLUMBING
26	18" DEEP BOOKSHELVES
27	12" DEEP COUNTERS ON L2X2X1/4" HEAVY DUTY WELDED ANGLE SUPPORT BRACKETS
28	24" DEEP COUNTERS ON L2X2X1/4" HEAVY DUTY WELDED ANGLE SUPPORT BRACKETS
29	30" DEEP COUNTERS ON L2X2X1/4" HEAVY DUTY WELDED ANGLE SUPPORT BRACKETS
30	18" DEEP COUNTERS ON L2X2X1/4" HEAVY DUTY WELDED ANGLE SUPPORT BRACKETS
31	PROVIDE NEW HANDRAILS, GUARDRAILS AND EGRESS STAIR ILLUMINATION. PREP AND PAINT EXISTING STAIR & WALLS TO REMAIN
32	OPERABLE FOLDING PARTITION WITH EGRESS DOORS
33	NEW DROP BOX
34	HIGH LOW WATER COOLER
35	OWNER PROVIDED HIGH DENSITY MOBILE STORAGE SYSTEM AND OVERSLAB RAILS
36	8" DEEP SHELF
37	ABANDON EXISTING ELEVATOR
38	EXISTING FULL HEIGHT SPANDREL PANEL
39	TWO-WAY COMMUNICATOR (BLACK FINISH). PROVIDE CUTSHEET AND VERIFY COLOR SELECTION WITH MFR PRIOR TO PURCHASE - BASIS OF DESIGN AULTUS BY C.R. LAURENCE
40	OWNER PROVIDED REFRIGERATOR, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
41	OWNER PROVIDED REFRIGERATOR UNDERCOUNTER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
42	OWNER PROVIDED BLUNN COFFEE MAKER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
43	OWNER PROVIDED MICROWAVE UNDERCOUNTER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
44	OWNER PROVIDED UNDERCOUNTER DISHWASHER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
45	OWNER PROVIDED COOKTOP AND HOOD, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
46	OWNER PROVIDED ICE MAKER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
47	NEW WATER HEATER - SEE PLUMBING
48	WALL MOUNTED MOP & BROOM HOLDER
49	APPLY TRANSPARENT FILM TO INSIDE FACE OF GLAZING
50	IMPACT RESISTANT STEEL BOLLARD. GENERAL LOCATION SHOWN. COORDINATE LOCATION IN FIELD. REFER TO DETAIL 13A340.
51	NEW CONCRETE RAMP. SEE SITE DETAILS AS006 & STRUCTURAL DRAWINGS FOR INFO.
52	NEW SHOOTING RANGE. SEE SHOOTING RANGE PLANS A108 FOR INFO.
53	PROVIDE WHEEL STOPS AT ACCESSIBLE PARKING LOCATIONS
54	NEW FOLDING ARM. SEE ELECTRICAL PLAN FOR ADDITIONAL INFORMATION
55	NEW BADGE IN ACCESS READER. SEE SHEET AS120 AND ELECTRICAL FOR ADDITIONAL INFORMATION
56	RESTRIP PARKING TO ACCOMMODATE FOR ACCESSIBLE PARKING SPACES SHOWN. REFER TO CIVIL FOR ADA SIGNAGE AND PARKING SYMBOLS
57	NEW TRENCH DRAIN - SEE PLUMBING
58	NEW HOSE BIB - SEE PLUMBING
59	EYE WASH - SEE PLUMBING
60	1" FLUSH FLOOR TO FLOOR 2 HR EXPANSION JOINT (TYPE 1) TO MATCH ADJACENT TILE - SEE STRUC AND DETAILS ON A111.2
61	1" FLUSH FLOOR TO FLOOR 2 HR EXPANSION JOINT (TYPE 2) TO MATCH ADJACENT CARPET - SEE STRUC AND DETAILS ON A111.2
62	1" FLUSH FLOOR TO WALL 2 HR EXPANSION JOINT (TYPE 3) TO MATCH ADJACENT CARPET - SEE STRUC AND DETAILS ON A111.2
63	1" FLUSH FLOOR TO WALL 2 HR EXPANSION JOINT (TYPE 4) TO MATCH ADJACENT TILE - SEE STRUC AND DETAILS ON A111.2
64	1" FLUSH WALL/CEILING TO WALL/CEILING EXPANSION JOINT (TYPE 5) TO MATCH ADJACENT PAINT COLOR - SEE STRUC AND DETAILS ON A111.2
65	1" EXPANSION JOINT (TYPE 6) TO MATCH ADJACENT BRICK - SEE STRUC AND DETAILS
66	ADA PUSH BUTTON
67	FLOOR BOX - VERIFY FINAL LOCATION PRIOR TO INSTALLATION W/ ARCHITECT. COORDINATE W/ SYSTEMS FURNITURE - SEE ELECTRICAL.
68	OWNER PROVIDED VENDING MACHINE, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
69	CEILING MOUNTED TV. PROVIDE NECESSARY MOUNTING HARDWARE - SEE ELECTRICAL AND TELECOMMUNICATIONS
70	OWNER PROVIDED MICROWAVE, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
71	24" DEEP STAINLESS PASS THROUGH COUNTER INSTALLED 34" A.F.F. SEE ENLARGED PLANS FOR INFO.



3/30/2021 5:48:33 PM
 ALTERNATE 5 - SHELL ACADEMY FLOOR - POB - OFFICE LEVEL 6
 1/8" = 1'-0"

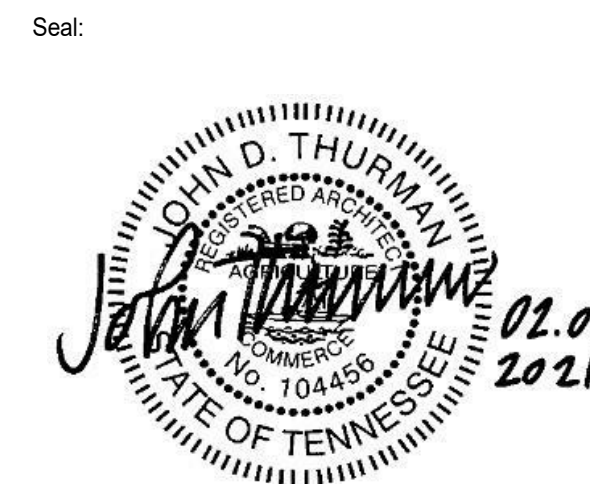


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19018

COK SAFETY BUILDING

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Consultant:
Architects Design Group

#	ISSUE	DATE
2	ADD #2.1	02/17/21
4	ADD #4.1	03/03/21

Issue Date: FEBRUARY 1, 2021
PKC DAVID COLLINS
PM JOHN THURMAN
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Drawn By: M LABBE
Checked By: BP

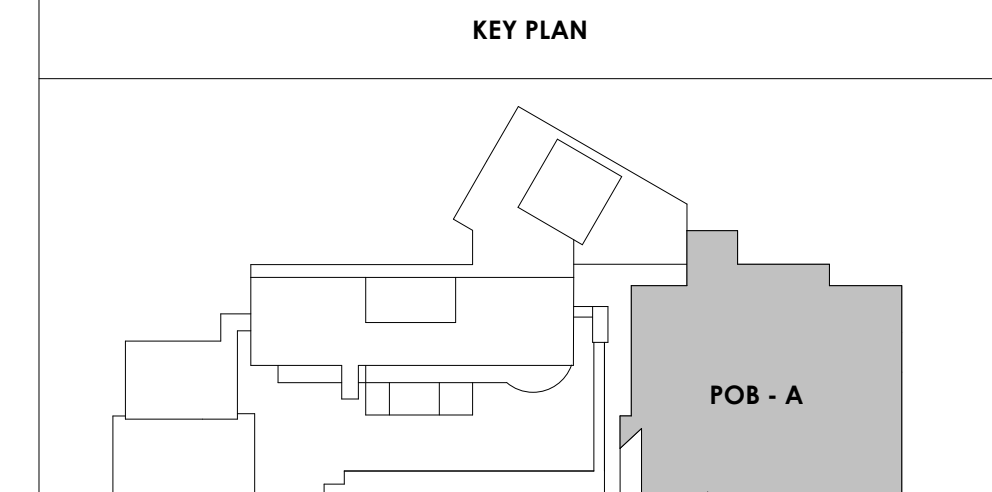
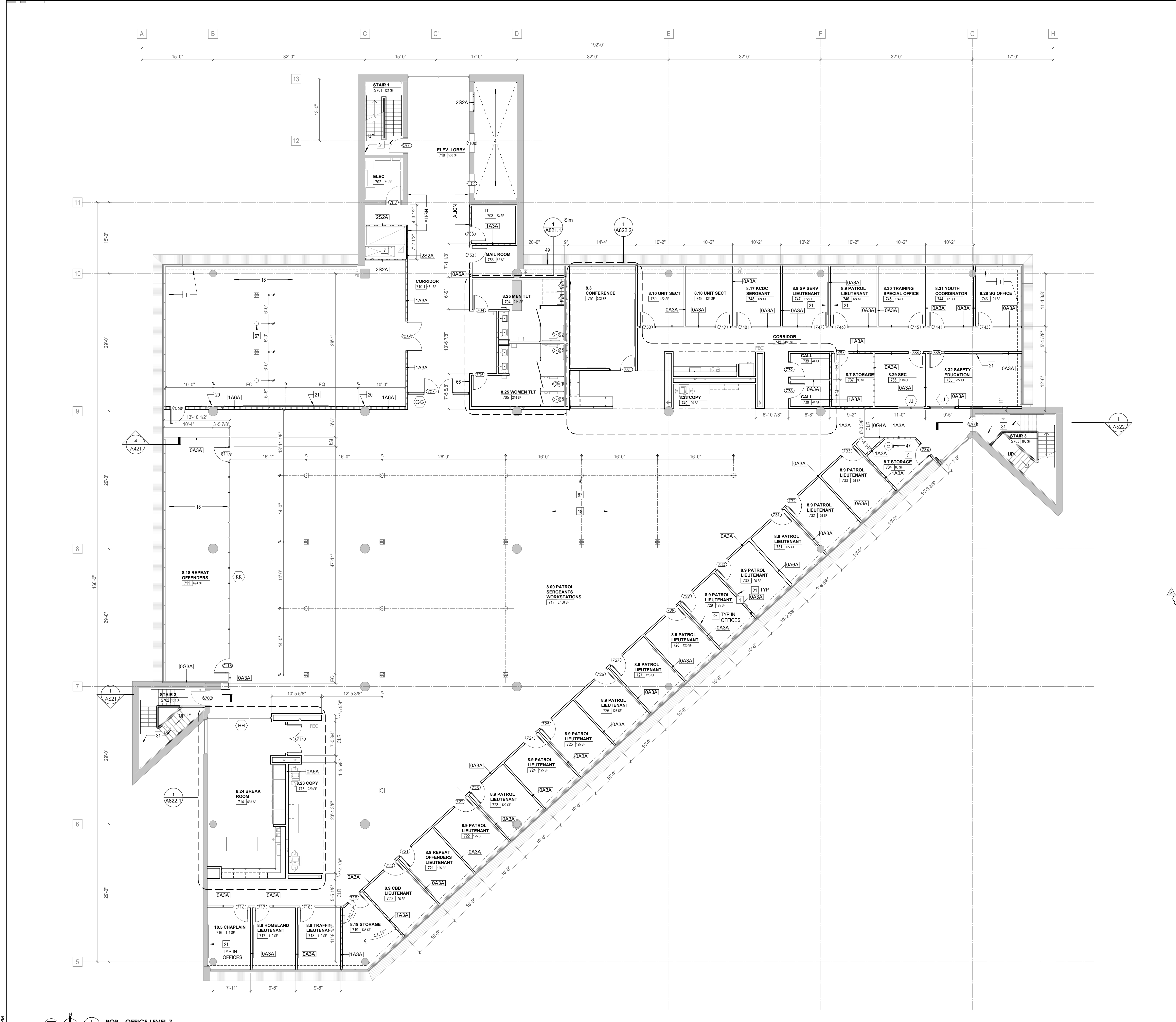
Drawing Info:

A126

POB - OFFICE LEVEL 7
FLOOR PLAN

WALL LEGEND	
	2 HR PARTITION (ASSEMBLY VARIES)
	1 HR PARTITION (ASSEMBLY VARIES)
	BALLISTIC LEVEL 3 PARTITION (ASSEMBLY VARIES)
	NEW PARTITION (ASSEMBLY VARIES)
	EXISTING PARTITION
	EXISTING PARTITION TO BE DEMOLISHED

KEYNOTE - FLOOR PLAN	
TAG	TEXT
1	SOFFIT ABOVE (DASHED)
2	EXISTING EGRESS STAIR TO REMAIN - PREP & PAINT EXISTING HANDRAILS, STAIR, & WALLS TO REMAIN
3	EXISTING ELEVATOR TO BE DEMOLISHED/REPLACED AS REQUIRED TO REACH ALL FOUR (4) FLOORS. SEE ELEVATOR PLANS & DETAILS SHEET FOR INFO.
4	EXISTING ELEVATOR - REFURBISH EQUIPMENT & CONTROLS. NEW FINISHES TO INTERIOR OF CAR AS REQ'D. SEE ELEVATOR PLANS & DETAILS SHEET FOR INFO.
5	NEW FLOOR DRAIN - REFER TO PLUMBING
6	SHADED AREA DENOTES NEW CONCRETE SLAB - REFER TO STRUC.
7	BALLISTIC LEVEL 3 RATING AND GLAZING - 8'-0" AFF MIN.
8	MOBILE VEHICLE LIFT
9	OVERHEAD COLLING DOOR
10	OWNER PROVIDED WOOD PEW SEATING - N.I.C.
11	OWNER PROVIDED 36" DEEP OPEN SHELVING - N.I.C.
12	18" X 24" X 72" HEAVY DUTY LOCKER WITH DRAWER/BENCH (TYPE 1)
13	18" X 24" X 72" HEAVY DUTY THRU LOCKERS (TYPE 2)
14	NEW PASS THRU LOCKERS - TYPE 3
15	RECESSED SIDE ARMS LOCKERS (ONE FOUR DOOR UNIT AT EACH DOOR)
16	PUBLIC WEAPONS STG LOCKERS - TABLET PHONE WALL LOCKERS WITH 12 DOORS (TYPE 5)
17	CANOPY ABOVE (DASHED)
18	OWNER PROVIDED SYSTEMS FURNITURE - N.I.C.
19	OWNER PROVIDED COPIER - N.I.C.
20	PROVIDE REQ. BLOCKING FOR LOCATIONS WHERE WALL MOUNTED TV MONITORS ARE LOCATED. REFER TO EQUIPMENT PLANS FOR LOCATIONS
21	PROVIDE REQ. BLOCKING FOR ALL MARKER BOARD LOCATIONS
22	KNOX BOX (RECESSED)
23	RECESSED CELL PHONE LOCKERS TO MATCH METAL WALL PANEL
24	METAL DETECTOR ENTRY SECURITY
25	MOP SINK - SEE PLUMBING
26	18" DEEP BOOKSHELVES
27	12" DEEP COUNTERS ON L2X2X14" HEAVY DUTY WELDED ANGLE SUPPORT BRACKETS
28	24" DEEP COUNTERS ON L2X2X14" HEAVY DUTY WELDED ANGLE SUPPORT BRACKETS
29	30" DEEP COUNTERS ON L2X2X14" HEAVY DUTY WELDED ANGLE SUPPORT BRACKETS
30	18" DEEP COUNTERS ON L2X2X14" HEAVY DUTY WELDED ANGLE SUPPORT BRACKETS
31	PROVIDE NEW HANDRAILS, GUARDRAILS AND EGRESS STAIR ILLUMINATION. PREP AND PAINT EXISTING STAIR & WALLS TO REMAIN
32	OPERABLE FOLDING PARTITION WITH EGRESS DOORS
33	NEW DROP BOX
34	HIGH LOW WATER COOLER
35	OWNER PROVIDED HIGH DENSITY MOBILE STORAGE SYSTEM AND OVERSLAB RAILS
36	8" DEEP SHELF
37	ABANDON EXISTING ELEVATOR
38	EXISTING FULL HEIGHT SPRINKLER PANEL
39	TWO-WAY COMMUNICATOR (BLACK FINISH). PROVIDE CUTSHEET AND VERIFY COLOR SELECTION WITH MFR PRIOR TO PURCHASE - BASIS OF DESIGN AULTUS BY C.R. LAURENCE
40	OWNER PROVIDED REFRIGERATOR. N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
41	OWNER PROVIDED REFRIGERATOR UNDERCOUNTER. N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
42	OWNER PROVIDED BLUNN COFFEE MAKER. N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
43	OWNER PROVIDED MICROWAVE UNDERCOUNTER. N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
44	OWNER PROVIDED UNDERCOUNTER DISHWASHER. N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
45	OWNER PROVIDED COOKTOP AND HOOD. N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
46	OWNER PROVIDED ICE MAKER. N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
47	NEW WATER HEATER - SEE PLUMBING
48	WALL MOUNTED MOP & BROOM HOLDER
49	APPLY TRANSPARENT FILM TO INSIDE FACE OF GLAZING
50	IMPACT RESISTANT STEEL BOLLARD. GENERAL LOCATION SHOWN. COORDINATE LOCATION IN FIELD. REFER TO DETAIL 13A340.
51	NEW CONCRETE RAMP. SEE SITE DETAILS AS400 & STRUCTURAL DRAWINGS FOR INFO.
52	NEW SHOOTING RANGE. SEE SHOOTING RANGE PLANS A108 FOR INFO.
53	PROVIDE WHEEL STOPS AT ACCESSIBLE PARKING LOCATIONS
54	NEW FOLDING ARM. SEE ELECTRICAL PLAN FOR ADDITIONAL INFORMATION
55	NEW BADGE IN ACCESS READER. SEE SHEET AS10 AND ELECTRICAL FOR ADDITIONAL INFORMATION
56	RESTRIPING PARKING TO ACCOMMODATE FOR ACCESSIBLE PARKING SPACES SHOWN. REFER TO CIVIL FOR ADA SIGNAGE AND PARKING SYMBOLS
57	NEW TRENCH DRAIN - SEE PLUMBING
58	NEW HOSE BIB - SEE PLUMBING
59	EYE WASH - SEE PLUMBING
60	1" FLUSH FLOOR TO FLOOR 2 HR EXPANSION JOINT (TYPE 1) TO MATCH ADJACENT TILE - SEE STRUC AND DETAILS ON A111.2
61	1" FLUSH FLOOR TO FLOOR 2 HR EXPANSION JOINT (TYPE 2) TO MATCH ADJACENT CARPET - SEE STRUC AND DETAILS ON A111.2
62	1" FLUSH FLOOR TO WALL 2 HR EXPANSION JOINT (TYPE 3) TO MATCH ADJACENT CARPET - SEE STRUC AND DETAILS ON A111.2
63	1" FLUSH FLOOR TO WALL 2 HR EXPANSION JOINT (TYPE 4) TO MATCH ADJACENT TILE - SEE STRUC AND DETAILS ON A111.2
64	1" FLUSH WALL CEILING TO WALL 2 HR EXPANSION JOINT (TYPE 5) TO MATCH ADJACENT PAINT COLOR - SEE STRUC AND DETAILS ON A111.2
65	1" EXPANSION JOINT (TYPE 6) TO MATCH ADJACENT BRICK - SEE STRUC AND DETAILS
66	ADA PUSH BUTTON
67	FLOOR BOX - VERIFY FINAL LOCATION PRIOR TO INSTALLATION W/ ARCHITECT. COORDINATE W/ SYSTEMS FURNITURE - SEE ELECTRICAL
68	OWNER PROVIDED VENDING MACHINE. N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
69	CEILING MOUNTED TV. PROVIDE NECESSARY MOUNTING HARDWARE - SEE ELECTRICAL AND TELECOMMUNICATIONS
70	OWNER PROVIDED MICROWAVE. N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
71	24" DEEP STAINLESS PASS THROUGH COUNTER INSTALLED 34" A.F.F. SEE ENLARGED PLANS FOR INFO.



3/3/2021 5:48:38 PM
POB - OFFICE LEVEL 7
A126
1/8" = 1'-0"



Project Information:

19018

COK SAFETY BUILDING

900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:

Architects Design Group

#	ISSUE	DATE
2	ADD #02.1	02/17/21
3	ADD #03.1	02/24/21
4	ADD #04.1	03/03/21

Issue Date: FEBRUARY 1, 2021

PK: DAVID COLLINS

PM: JOHN THURMAN

PA: LAUREN BUSH /

Drawn By: M LABBE

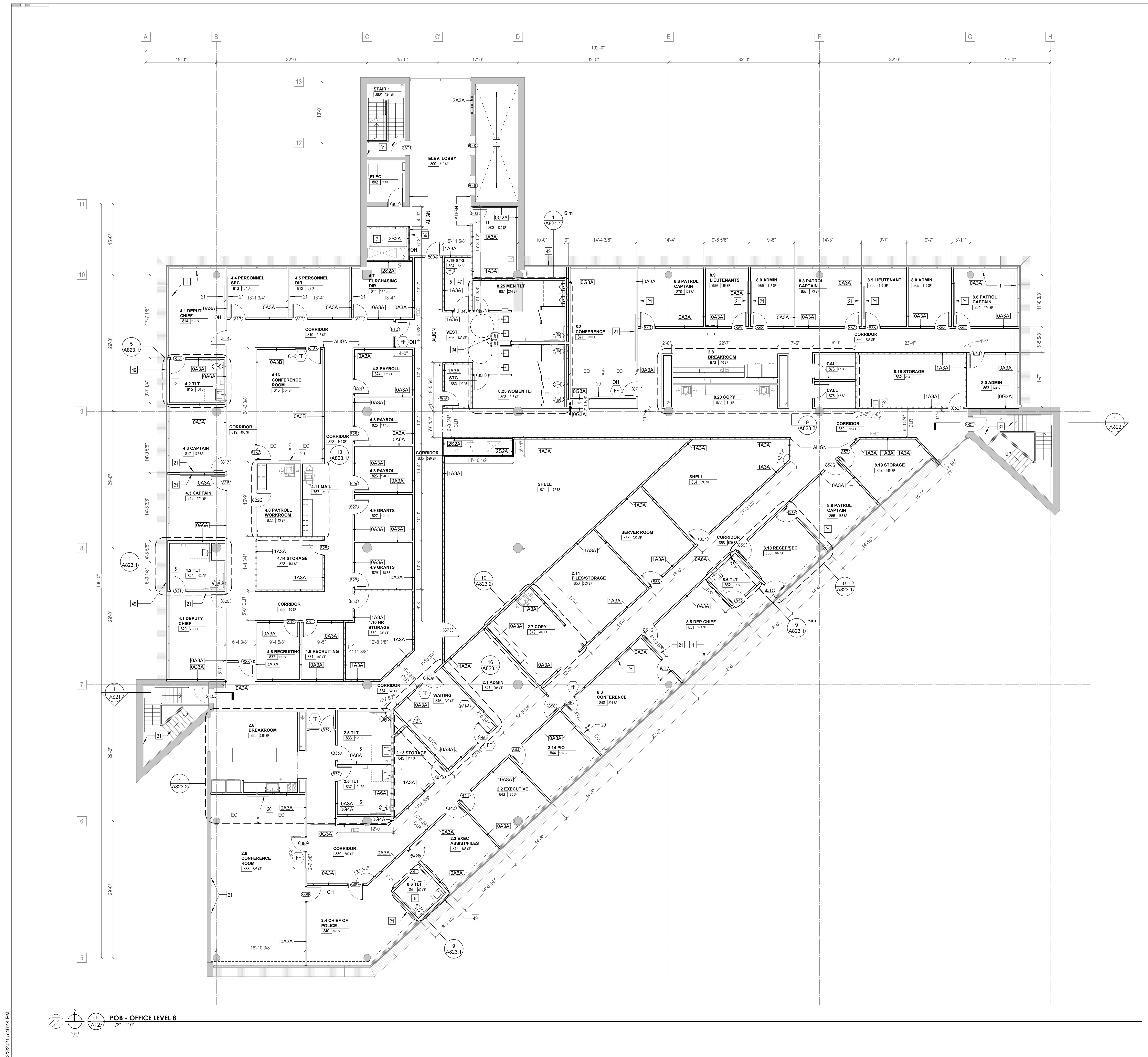
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Drawing Info:

A127

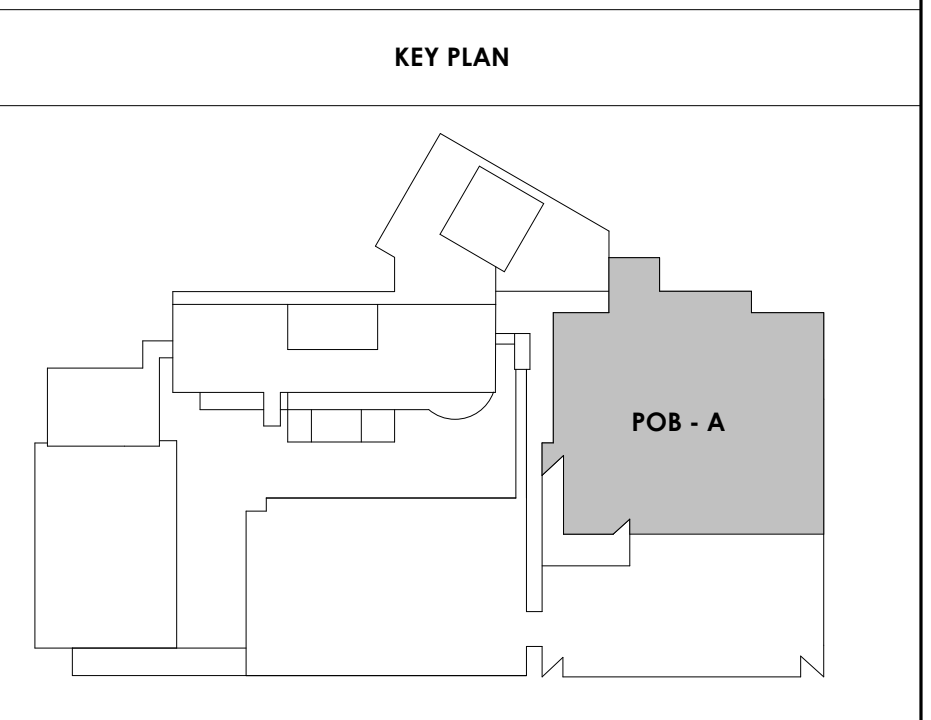
POB - OFFICE LEVEL 8 FLOOR PLAN

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WALL LEGEND	
	2 HR PARTITION (ASSEMBLY VARIES)
	1 HR PARTITION (ASSEMBLY VARIES)
	BALLISTIC LEVEL 3 PARTITION (ASSEMBLY VARIES)
	NEW PARTITION (ASSEMBLY VARIES)
	EXISTING PARTITION
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KEYNOTE - FLOOR PLAN	
TAG	TEXT
1	SOFFIT ABOVE (DASHED)
2	EXISTING EGRESS STAIR TO REMAIN - PREP & PAINT EXISTING HANDRAILS, STAIR, & WALLS TO REMAIN
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5	NEW FLOOR DRAIN - REFER TO PLUMBING
6	SHADED AREA DENOTES NEW CONCRETE SLAB - REFER TO STRUC.
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8	MOBILE VEHICLE LIFT
9	OVERHEAD COLING DOOR
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19	OWNER PROVIDED COPIER - N.I.C.
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22	KNOX BOX (RECESSED)
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26	18" DEEP BOOKSHELVES
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32	OPERABLE FOLDING PARTITION WITH EGRESS DOORS
33	NEW DROP BOX
34	HIGH LOW WATER COOLER
35	OWNER PROVIDED HIGH DENSITY MOBILE STORAGE SYSTEM AND OVERSLAB RAILS
36	6" DEEP SHELF
37	ABANDON EXISTING ELEVATOR
38	EXISTING FULL HEIGHT SPANDREL PANEL
39	TWO-WAY COMMUNICATOR (BLACK FINISH). PROVIDE CUTSHEET AND VERIFY COLOR SELECTION WITH MFR PRIOR TO PURCHASE - BASIS OF DESIGN AULTUS BY C.R. LAURENCE
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41	OWNER PROVIDED REFRIGERATOR UNDERCOUNTER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
42	OWNER PROVIDED BUZZ COFFEE MAKER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
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45	OWNER PROVIDED COOKTOP AND HOOD, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
46	OWNER PROVIDED ICE MAKER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
47	NEW WATER HEATER - SEE PLUMBING
48	WALL MOUNTED MOP & BROOM HOLDER
49	APPLY TRANSPARENT FILM TO INSIDE FACE OF GLAZING
50	IMPACT RESISTANT STEEL BOLLARD. GENERAL LOCATION SHOWN. COORDINATE LOCATION IN FIELD. REFER TO DETAIL TA3A40.
51	NEW CONCRETE RAMP. SEE SITE DETAILS AS006 & STRUCTURAL DRAWINGS FOR INFO.
52	NEW SHOOTING RANGE. SEE SHOOTING RANGE PLANS A108 FOR INFO.
53	PROVIDE WHEEL STOPS AT ACCESSIBLE PARKING LOCATIONS
54	NEW FOLDING ARM. SEE ELECTRICAL PLAN FOR ADDITIONAL INFORMATION
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56	RESTRIP PARKING TO ACCOMMODATE FOR ACCESSIBLE PARKING SPACES SHOWN. REFER TO CIVIL FOR ADA SIGNAGE AND PARKING SYMBOLS
57	NEW TRENCH DRAIN - SEE PLUMBING
58	NEW HOSE BIB - SEE PLUMBING
59	EYE WASH - SEE PLUMBING
60	1" FLUSH FLOOR TO FLOOR 2 HR EXPANSION JOINT (TYPE 1) TO MATCH ADJACENT TILE - SEE STRUC AND DETAILS ON A111.2
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67	FLOOR BOX - VERIFY FINAL LOCATION PRIOR TO INSTALLATION W/ ARCHITECT, COORDINATE W/ SYSTEMS FURNITURE - SEE ELECTRICAL
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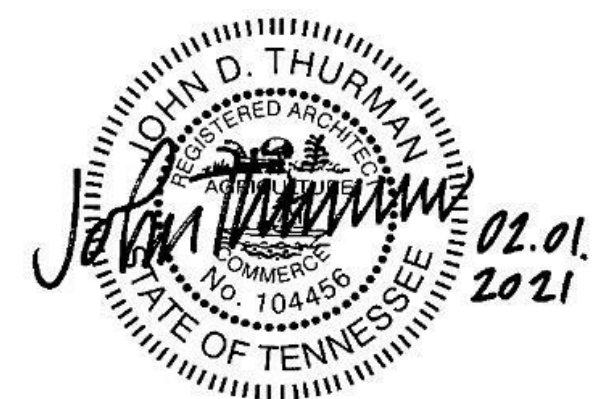
Project Information:

19018

COK SAFETY BUILDING

900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:

Architects Design Group

#	ISSUE	DATE
2	ADD #02.1	02/17/21
4	ADD #04.1	03/03/21

Issue Date: FEBRUARY 1, 2021

PIC DAVID COLLINS

PM JOHN THURMAN

PA LAUREN BUSH /

Drawn By: Author

Checked By: BP

Drawing Info:

A128

POB - PENTHOUSE

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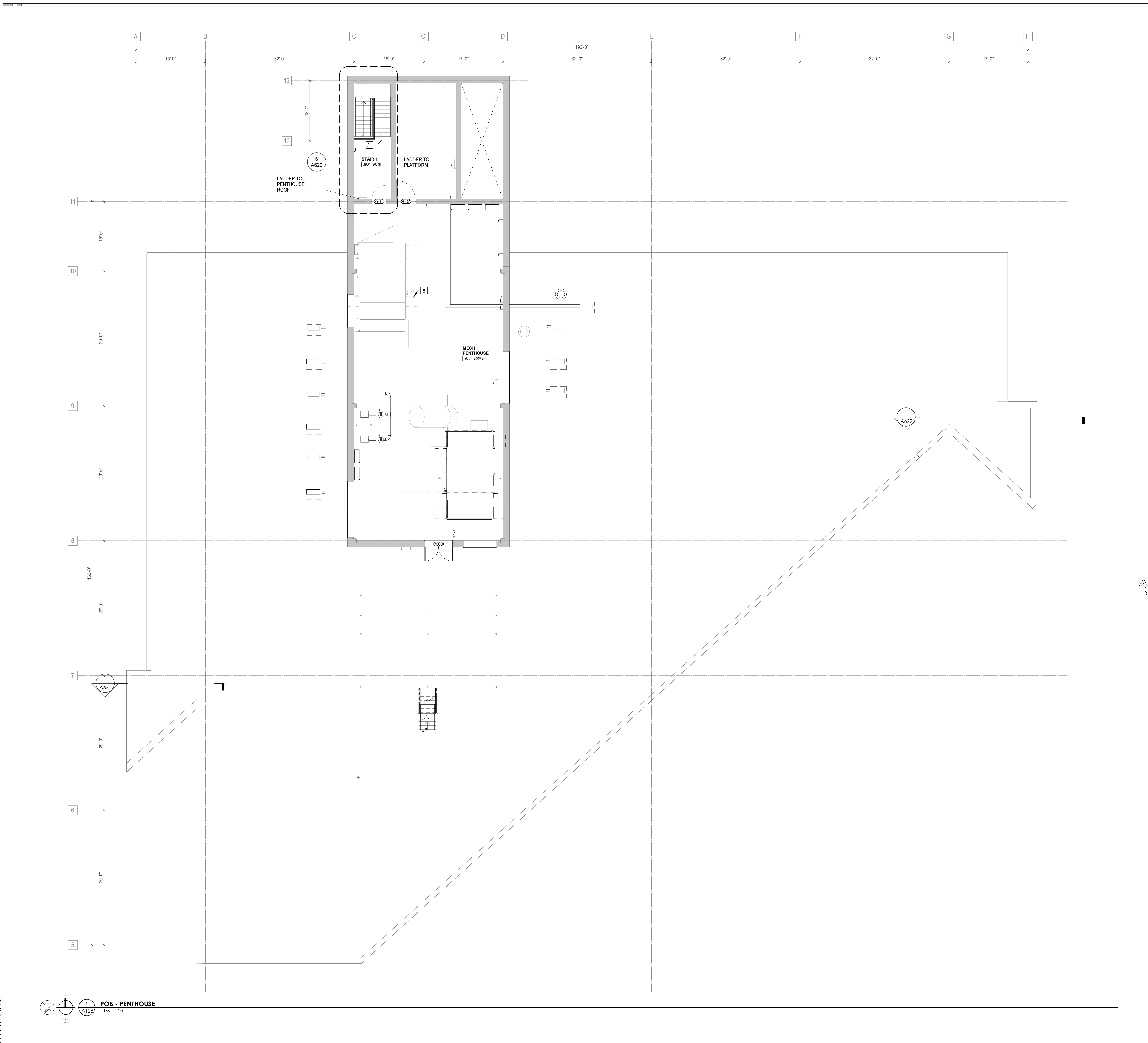
WALL LEGEND

- 2 HR PARTITION (ASSEMBLY VARIES)
- 1 HR PARTITION (ASSEMBLY VARIES)
- BALLISTIC LEVEL 3 PARTITION (ASSEMBLY VARIES)
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- EXISTING PARTITION TO BE DEMOLISHED

KEYNOTE - FLOOR PLAN

TAG	TEXT
1	SOFFIT ABOVE (DASHED)
2	EXISTING EGRESS STAIR TO REMAIN - PREP & PAINT EXISTING HANDRAILS, STAIR & WALLS TO REMAIN
3	EXISTING ELEVATOR TO BE MODIFIED (REPLACED AS REQUIRED) TO REACH ALL FOUR (4) FLOORS. SEE ELEVATOR PLANS & DETAILS SHEET FOR INFO.
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22	KNOX BOX (RECESSED)
23	RECESSED CELL PHONE LOCKERS TO MATCH METAL WALL PANEL
24	METAL DETECTOR ENTRY SECURITY
25	MOP SINK - SEE PLUMBING
26	18" DEEP BOOKSHELVES
27	12" DEEP COUNTERS ON L2X2X1/4" HEAVY DUTY WELDED ANGLE SUPPORT BRACKETS
28	24" DEEP COUNTERS ON L2X2X1/4" HEAVY DUTY WELDED ANGLE SUPPORT BRACKETS
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31	PROVIDE NEW HANDRAILS, GUARDRAILS AND EGRESS STAIR ILLUMINATION. PREP AND PAINT EXISTING STAIR & WALLS TO REMAIN
32	OPERABLE FOLDING PARTITION WITH EGRESS DOORS
33	NEW DROP BOX
34	HIGH LOW WATER COOLER
35	OWNER PROVIDED HIGH DENSITY MOBILE STORAGE SYSTEM AND OVERSLAB RAILS
36	8" DEEP SHELF
37	ABANDON EXISTING ELEVATOR
38	EXISTING FULL HEIGHT SPANDREL PANEL
39	TWO-WAY COMMUNICATOR (BLACK FINISH), PROVIDE CUTSHEET AND VERIFY COLOR SELECTION WITH MFR PRIOR TO PURCHASE - BASIS OF DESIGN AULTUS BY C.R. LAURENCE
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46	OWNER PROVIDED ICE MAKER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
47	NEW WATER HEATER - SEE PLUMBING
48	WALL MOUNTED MOP & BROOM HOLDER
49	APPLY TRANSPARENT FILM TO INSIDE FACE OF GLAZING
50	IMPACT RESISTANT STEEL BOLLARD, GENERAL LOCATION SHOWN, COORDINATE LOCATION IN FIELD. REFER TO DETAIL (A128-01)
51	NEW CONCRETE RAMP, SEE SITE DETAILS A500 & STRUCTURAL DRAWINGS FOR INFO.
52	NEW SHOOTING RANGE, SEE SHOOTING RANGE PLANS A108 FOR INFO.
53	PROVIDE WHEEL STOPS AT ACCESSIBLE PARKING LOCATIONS
54	NEW FOLDING ARM, SEE ELECTRICAL PLAN FOR ADDITIONAL INFORMATION
55	NEW BADGE IN ACCESS READER, SEE SHEET A520 AND ELECTRICAL FOR ADDITIONAL INFORMATION
56	RESTRIP PARKING TO ACCOMMODATE FOR ACCESSIBLE PARKING SPACES SHOWN. REFER TO CIVIL FOR ADA SIGNAGE AND PARKING SYMBOLS
57	NEW TRENCH DRAIN - SEE PLUMBING
58	NEW HOSE BIB - SEE PLUMBING
59	EYE WASH - SEE PLUMBING
60	1" FLUSH FLOOR TO FLOOR 2 HR EXPANSION JOINT (TYPE 1) TO MATCH ADJACENT TILE - SEE STRUC AND DETAILS ON A111.2
61	1" FLUSH FLOOR TO FLOOR 2 HR EXPANSION JOINT (TYPE 2) TO MATCH ADJACENT CARPET - SEE STRUC AND DETAILS ON A111.2
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65	1" EXPANSION JOINT (TYPE 6) TO MATCH ADJACENT BRICK - SEE STRUC AND DETAILS
66	ADA PUSH BUTTON
67	FLOOR BOX - VERIFY FINAL LOCATION PRIOR TO INSTALLION W/ ARCHITECT, COORDINATE W/ SYSTEMS FURNITURE - SEE ELECTRICAL
68	OWNER PROVIDED VENDING MACHINE, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
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71	24" DEEP STAINLESS PASS THROUGH COUNTER INSTALLED 34" A.F.F. SEE ENLARGED PLANS FOR INFO.

KEY PLAN



POB - PENTHOUSE
A128
1/8" = 1'-0"

3/30/2021 5:46:47 PM



Project Information:

19018

COK PUBLIC SAFETY COMPLEX

900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:

Architects Design Group

Issue Date: FEBRUARY 01, 2021

PK: DAVID COLLINS

PM: JOHN THURMAN

PA: LAUREN BUSH /

Drawing By: LBU/WADG

Checked By: BP

Drawing Info:

A210.2

CA - LEVEL LL3 B RCP

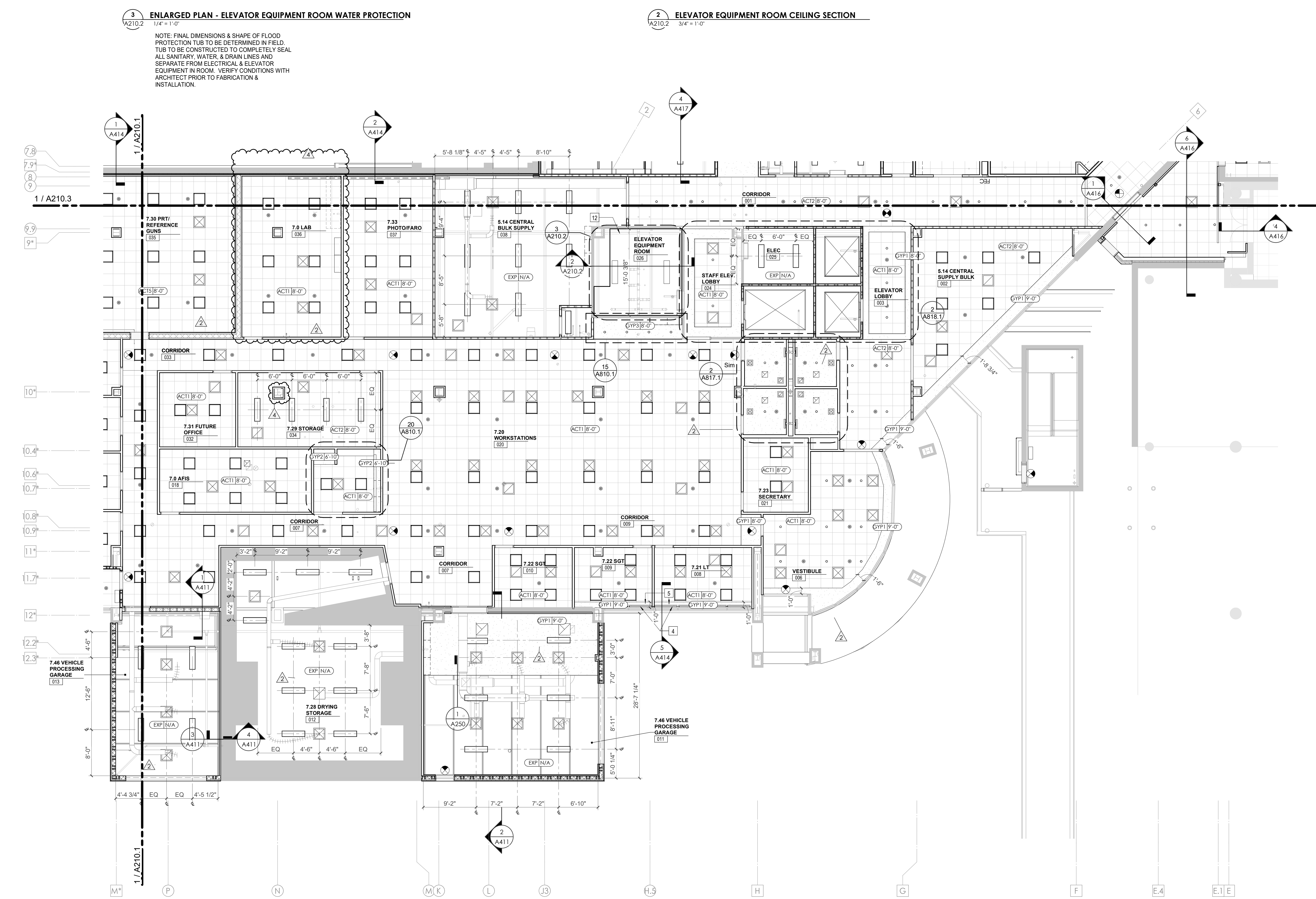
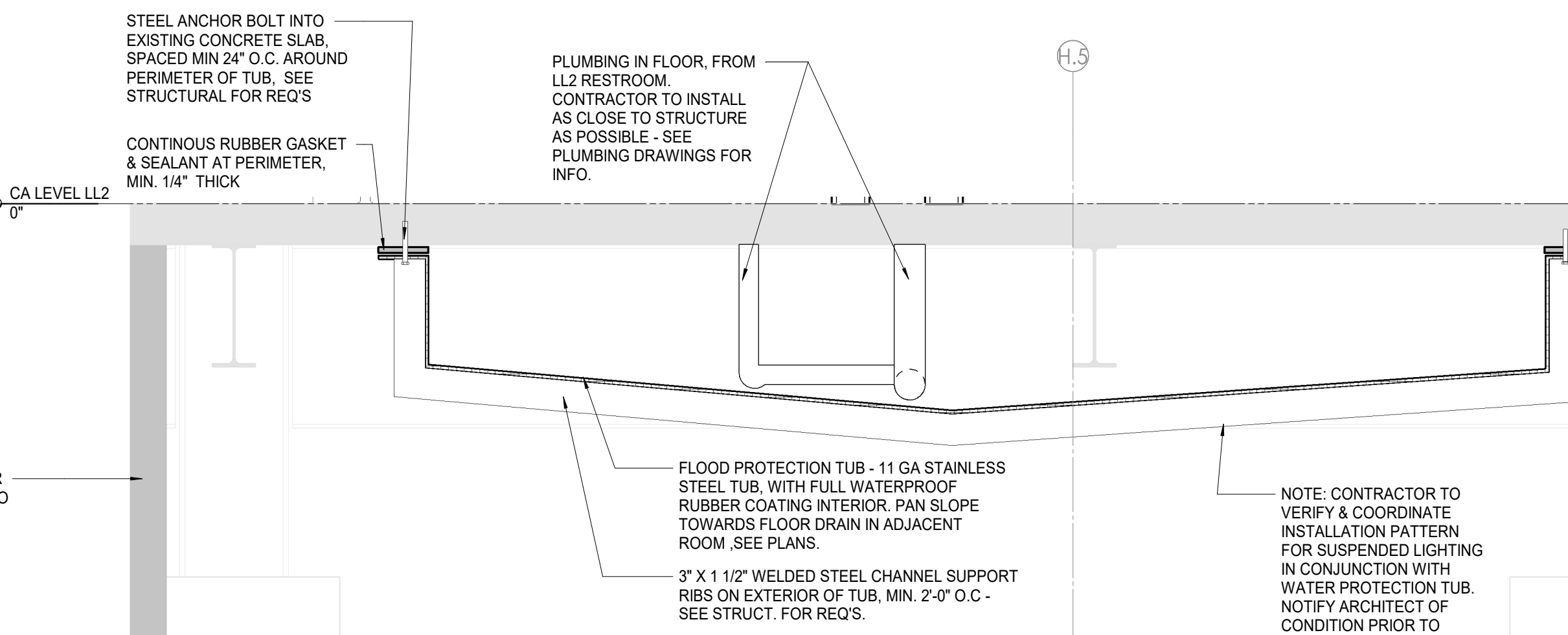
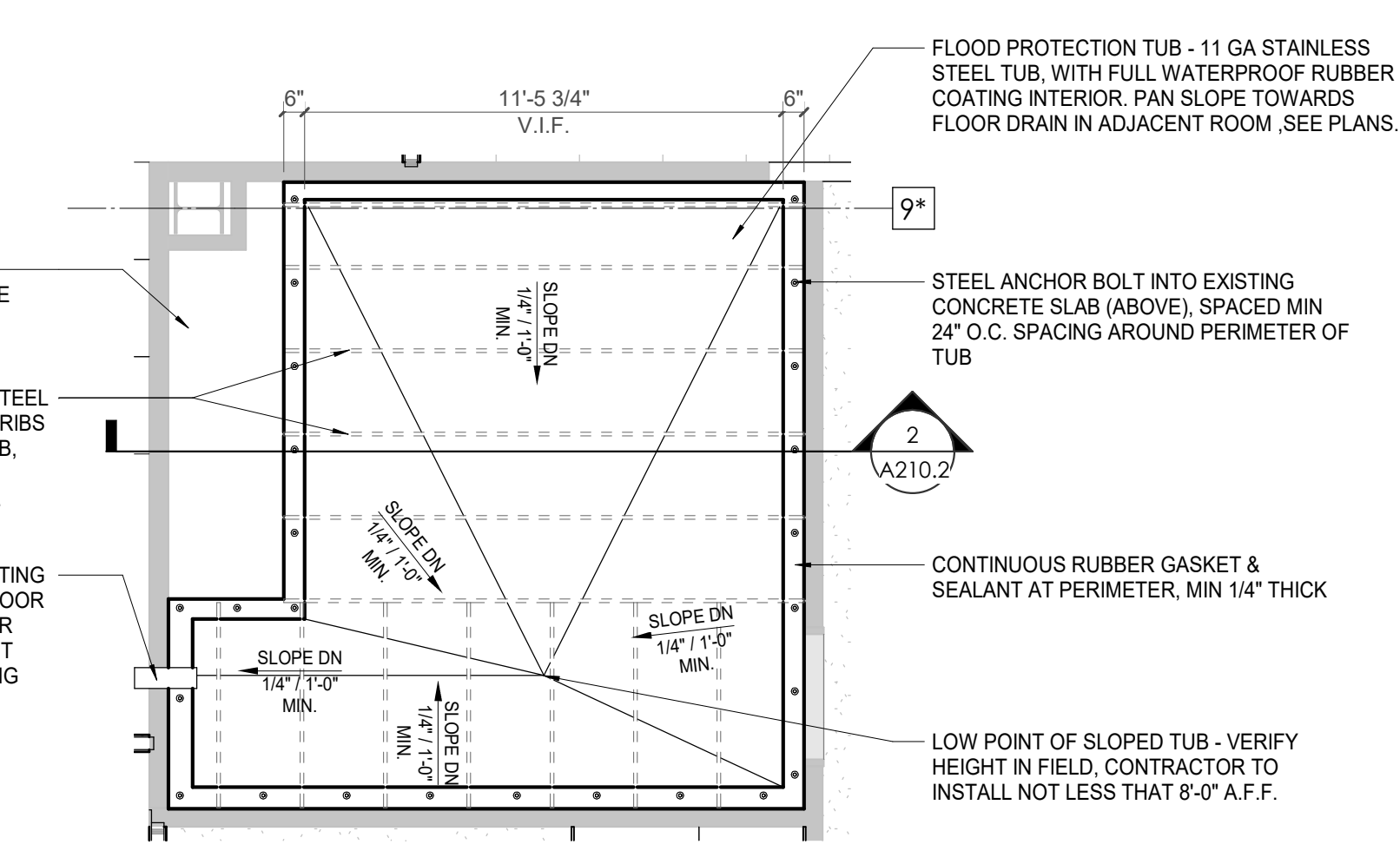
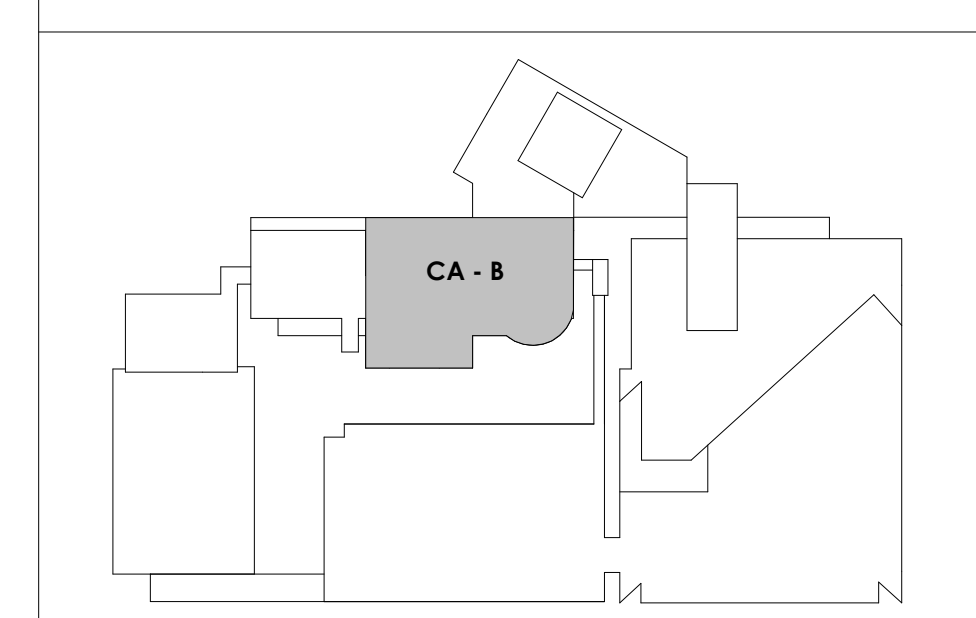
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REFLECTED CEILING PLAN LEGEND	
	24" x 24" ACOUSTICAL CEILING TILE GRID
	44" x 48" ACOUSTICAL CEILING TILE GRID
	GYPSUM BOARD CEILING
	WOOD PANEL CEILING
	EIFS SOFFIT
*SUSPENDED CEILING AND GRID TO MEET SEISMIC DESIGN REQUIREMENTS AND ASTM C635 AND ASTM C636 - REFER TO SPECIFICATIONS	
	CEILING TYPE INDICATOR
	CEILING HEIGHT AFF
	CEILING TYPE INDICATION
CEILING TYPES:	
	GYP: GYPSUM BOARD CEILING
	ACT: ACOUSTICAL TILE CEILING
	MTL: METAL PANEL SOFFIT
	EXP: EXPOSED TO STRUCTURE
	4" DIA. RECESSED CAN LIGHT
	AIMBLE DOWNLIGHT
	4" RECESSED WALL WASH DOWNLIGHT
	RAZOR WALL WASH DOWNLIGHT
	2" x 2" TROFFER
	LED STRIP
	SURFACE MOUNT STRIP LIGHT
	CONTINUOUS LINEAR LED DOWNLIGHT
	DIRECT-INDIRECT LINEAR PENDANT
	EXIT SIGN, SHADED QUADRANTS INDICATE NUMBER OF FACES. PROVIDE DIRECTIONAL ARROWS AS SHOWN.
	EMERGENCY LIGHT
	ED - WET LOCATION EXIT DISCHARGE LIGHT
	CEILING MOUNTED SPEAKER
	SPRINKLER HEAD, CENTER IN CEILING TILE (UNO)
	HVAC CEILING SUPPLY
	HVAC CEILING RETURN
	HVAC LINEAR SUPPLY
	HVAC LINEAR RETURN
	ACCESS PANEL

KEYNOTES - REFLECTED CEILING PLAN

Tag	Text
1	6" PREFINISHED ALUMINUM TRIM AT PERIMETER
2	6" INTEGRATED ALUMINUM TECHZONE CHANNEL - LIGHTING AND MECHANICAL SUPPLY/RETURN
3	OPERABLE WALL PARTITION
4	ROLLER WINDOW SHADES AT ALL EXTERIOR WORKSPACE WINDOWS - TYP
5	GYP BD SOFFIT AT PERIMETER
6	6" PREFORMED ALUMINUM COVE REVEAL
7	1" PREFORMED ALUMINUM REVEAL
8	EXISTING LIGHT FIXTURES IN GARAGES TO REMAIN
9	LOCATION OF CLERESTORY WINDOWS ABOVE 9'0" GYP BD SOFFIT
10	EXISTING LIGHT FIXTURES TO BE REINSTALLED IN NEW CEILING TILE AND GRID - VERIFY EXISTING FIXTURE LOCATIONS IN FIELD
11	LOCKERS BELOW (DASHED)
12	NEW FABRICATED STAINLESS STEEL PAN WITH RUBBERIZED COATING, SLOPED TOWARD DRAIN UNDER WATER HEATER IN ADJACENT ROOM. SEE SECTION FOR INFO.
13	PROVIDE NEW GYP BD SOFFIT ON EXISTING MTL STUD SOFFIT FRAMING TO REMAIN - VERIFY IN FIELD
14	BLACK OUT ROLLER WINDOW SHADES AT ALL EXTERIOR CLASSROOM WINDOWS - TYP
15	PATCH AND REPLACE EXISTING EIFS SOFFIT AS REQUIRED TO COMPLETE THE WORK
16	NEW MANUAL OVERHEAD COILING DOOR & FRAME, 45 MIN RATED.
17	REMOVE EXISTING EIFS SOFFIT AND PROVIDE NEW SUSPENDED EIFS SOFFIT WITH R-30 BATT INSULATION IN OVERHANG CAVITY

KEY PLAN



3/3/2021 5:10:17 PM
1 A210.2
SHEET - CA - LEVEL LL3 B RCP
1/8" = 1'-0"



Project Information:

19018

COK PUBLIC SAFETY COMPLEX
900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:

Architects Design Group

#	ISSUE	DATE
2	ADD #02.1	02/17/21
4	ADD #04.1	03/03/21

Issue Date:	FEBRUARY 01, 2021
PI:	DAVID COLLINS
PM:	JOHN THURMAN
PA:	LAUREN BUSH /
Drawn By:	LBI/JW/ADG
Checked By:	BP

Drawing Info:

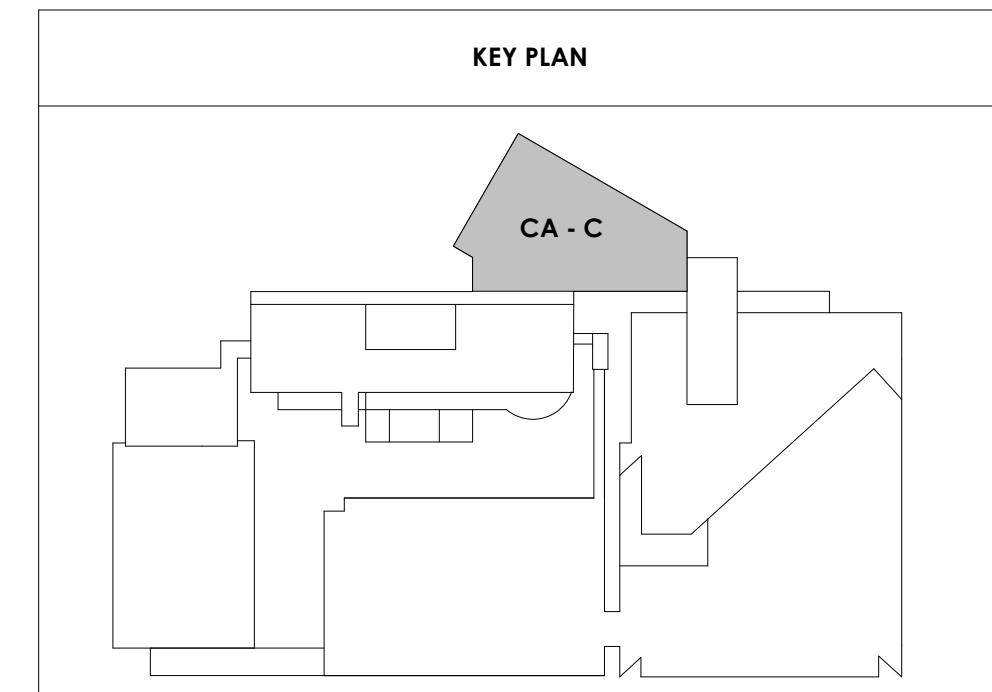
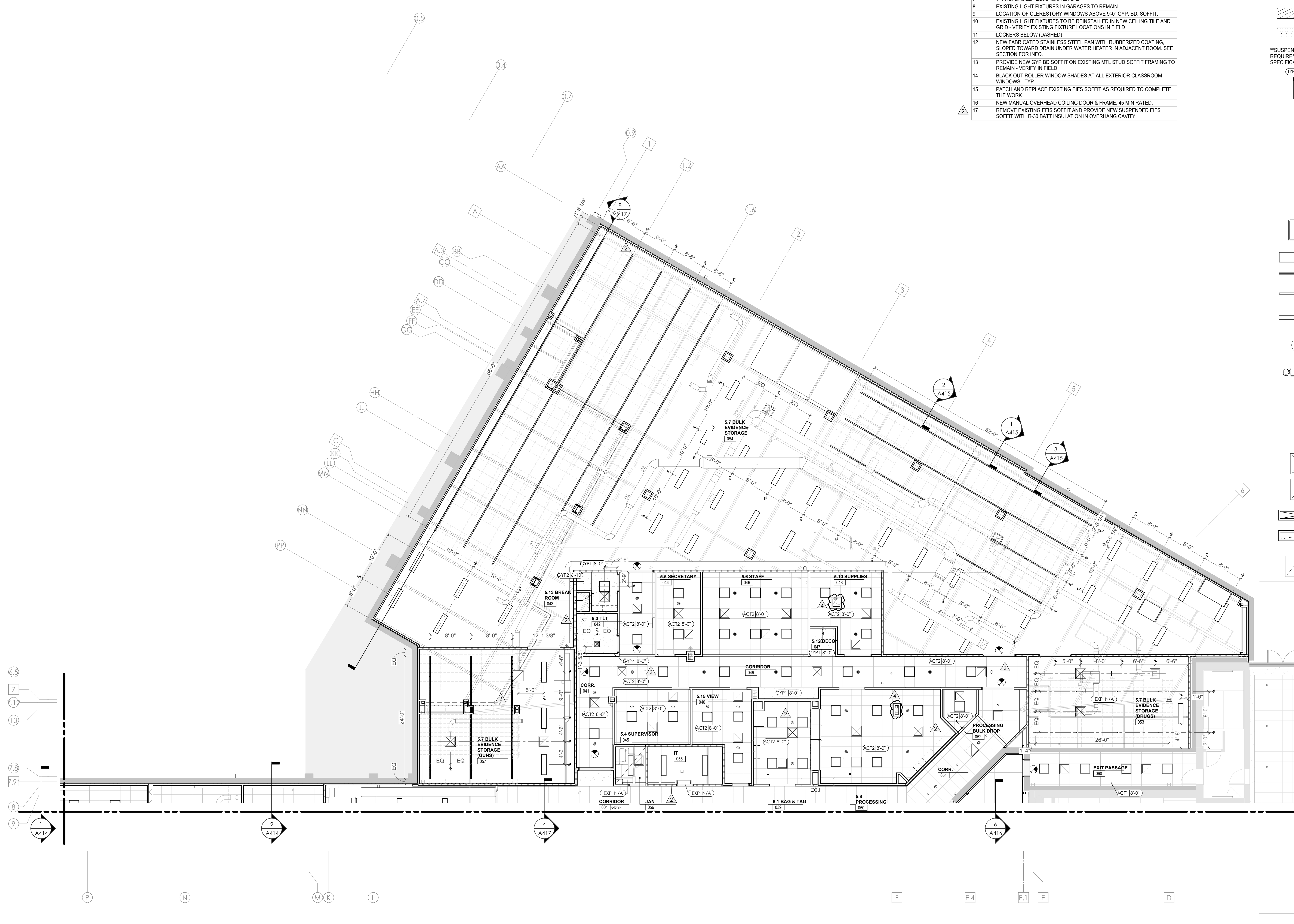
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CA - LEVEL LL3 C RCP

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REFLECTED CEILING PLAN LEGEND	
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	GYP. BOARD CEILING
	WOOD PANEL CEILING
	EIFS SOFFIT
**SUSPENDED CEILINGS AND GRID TO MEET SEISMIC DESIGN REQUIREMENTS AND ASTM C635 AND ASTM C636 - REFER TO SPECIFICATIONS	
	CEILING TYPE INDICATOR
	CEILING HEIGHT AFF
	CEILING TYPE INDICATION
CEILING TYPES:	
	GYP - GYPSUM BOARD CEILING
	ACT - ACOUSTICAL TILE CEILING
	MTL - METAL PANEL SOFFIT
	EXP - EXPOSED TO STRUCTURE
	4" DIA. RECESSED CAN LIGHT
	AIMABLE DOWNLIGHT
	4" RECESSED WALL WASH DOWNLIGHT
	RAZOR WALL WASH DOWNLIGHT
	2" x 2" TROFFER
	LED STRIP
	SURFACE MOUNT STRIP LIGHT
	CONTINUOUS LINEAR LED DOWNLIGHT
	DIRECT-INDIRECT LINEAR PENDANT
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 PA: LAUREN BUSH /
 Drawn By: LBJ/WADG
 Checked By: BP

A211.1

CA - LEVEL LL2 A RCP

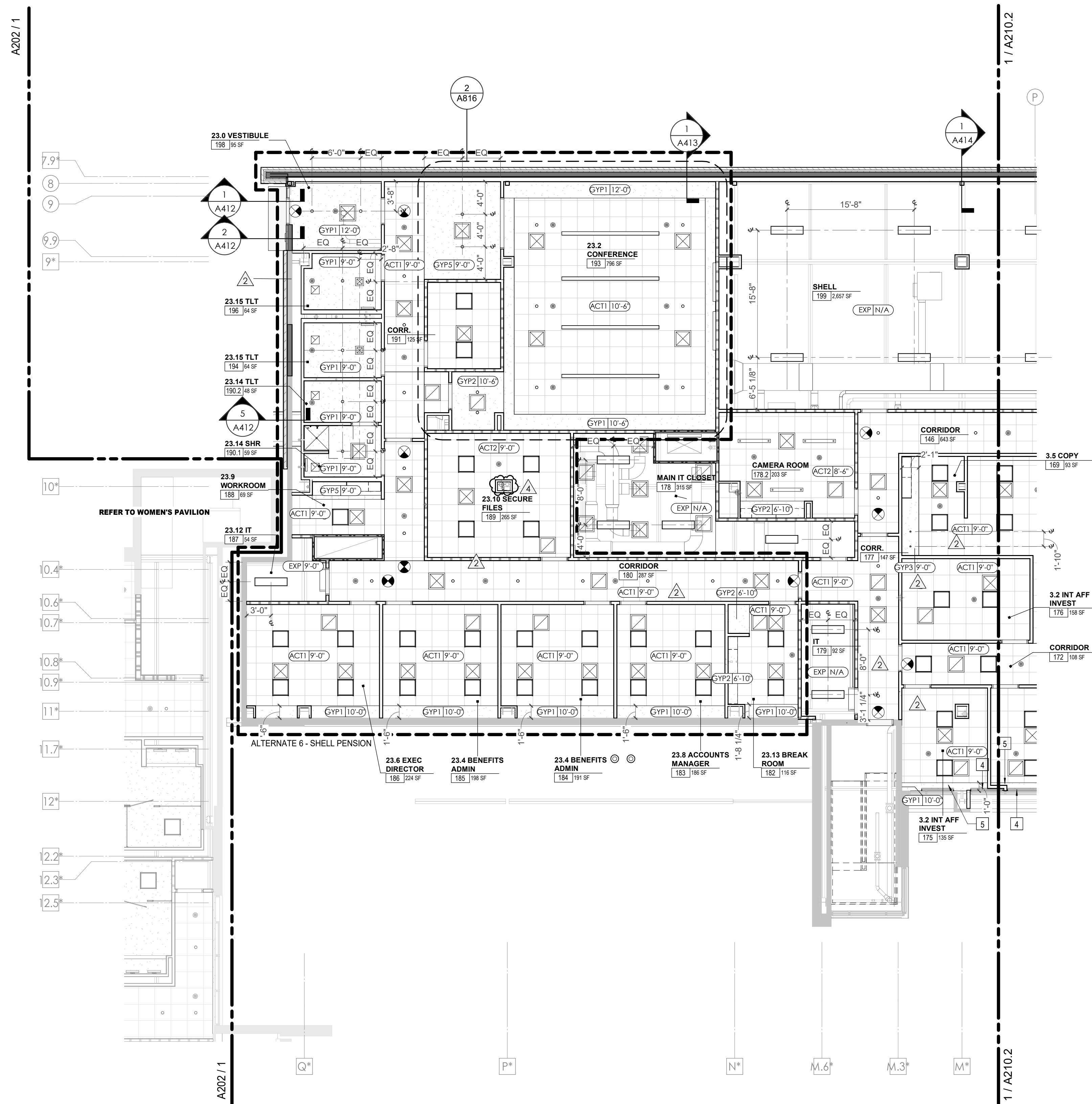
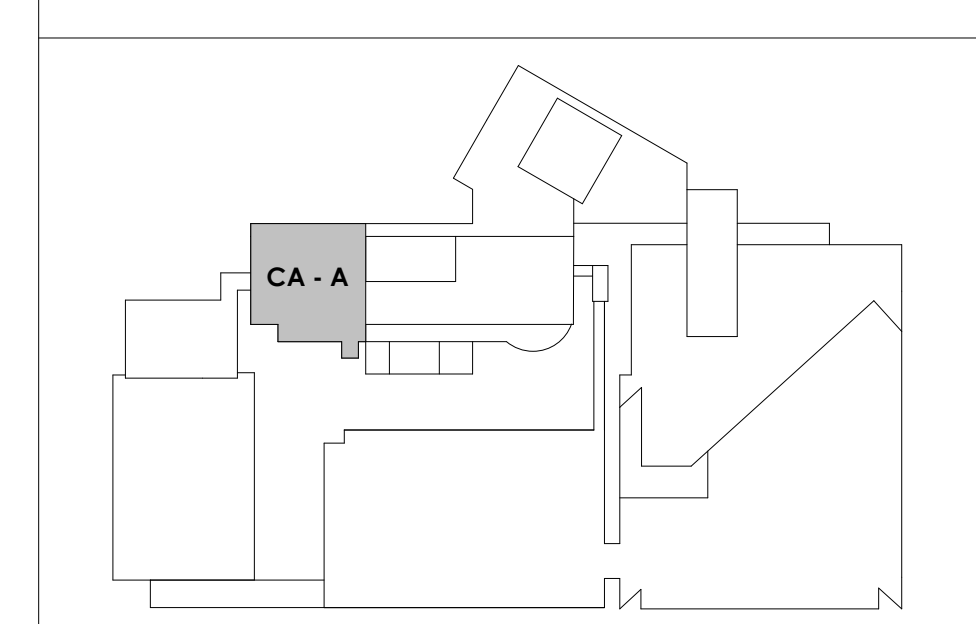
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KEY PLAN





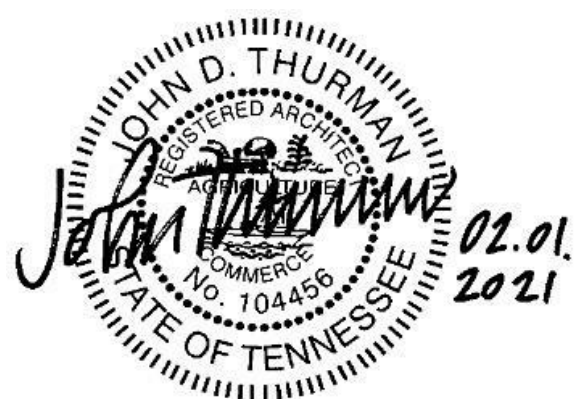
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 PM: JOHN THURMAN
 PA: LAUREN BUSH /
 Drawn By: LBU/WADG
 Checked By: BP

Drawing Info:

A211.2

CA - LEVEL LL2 B RCP

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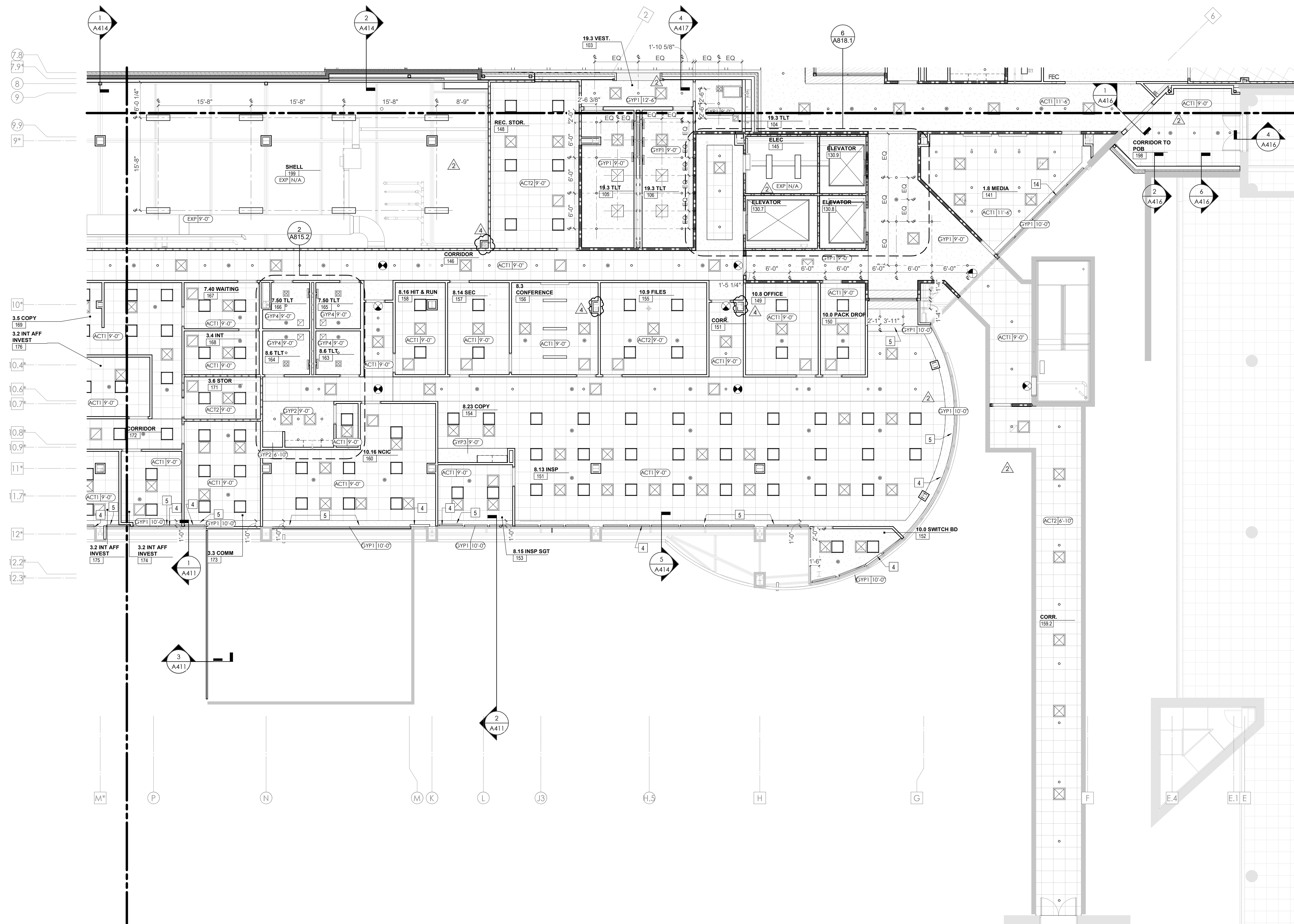
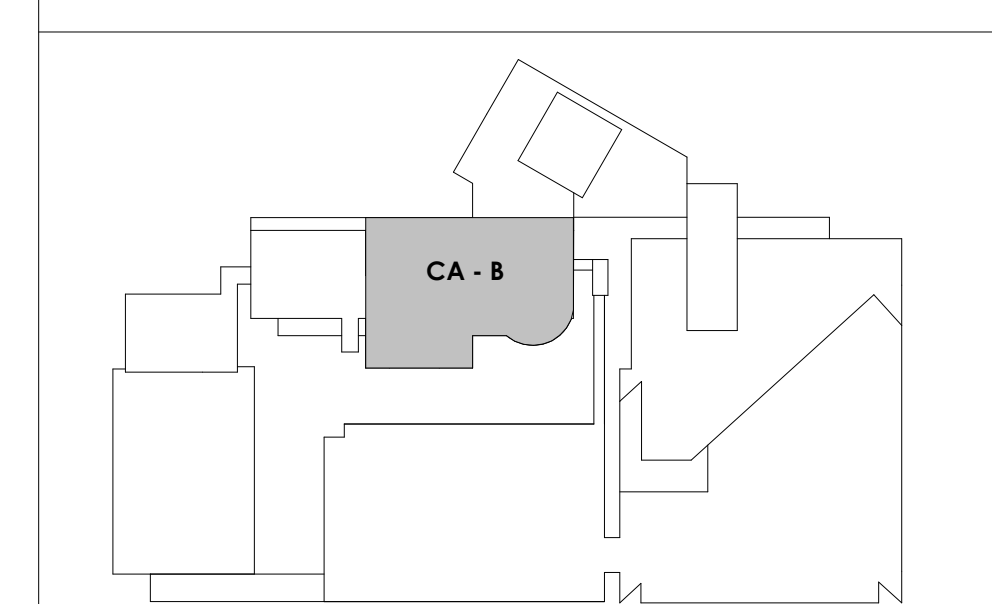
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	GYP SUM BOARD CEILING
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	HVAC CEILING SUPPLY
	HVAC CEILING RETURN
	HVAC LINEAR SUPPLY
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	ACCESS PANEL

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Drawing Info:

A211.3

CA - LEVEL LL2 C RCP

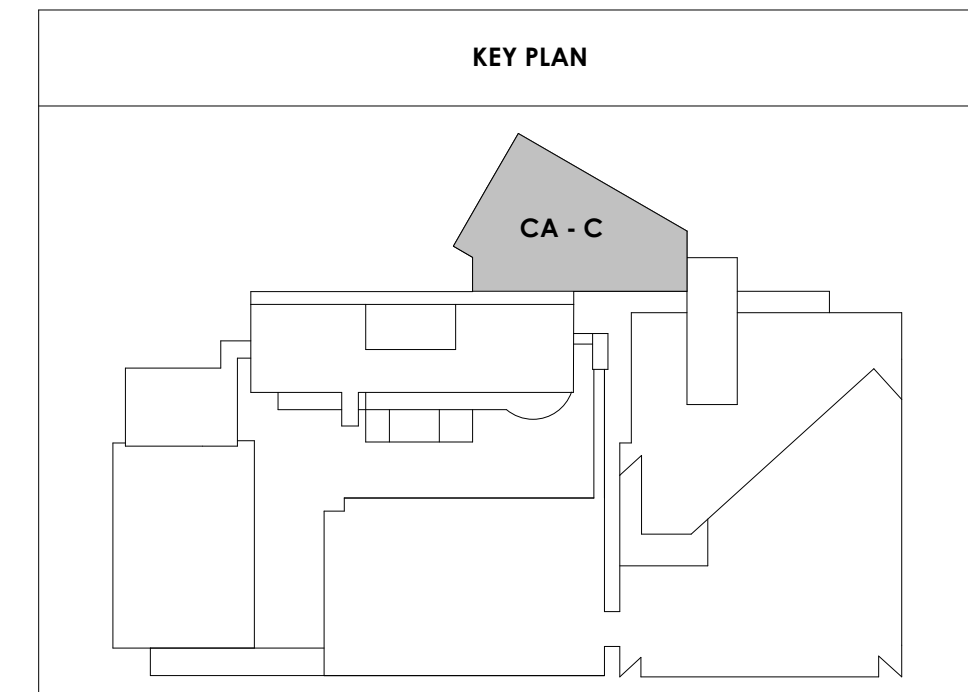
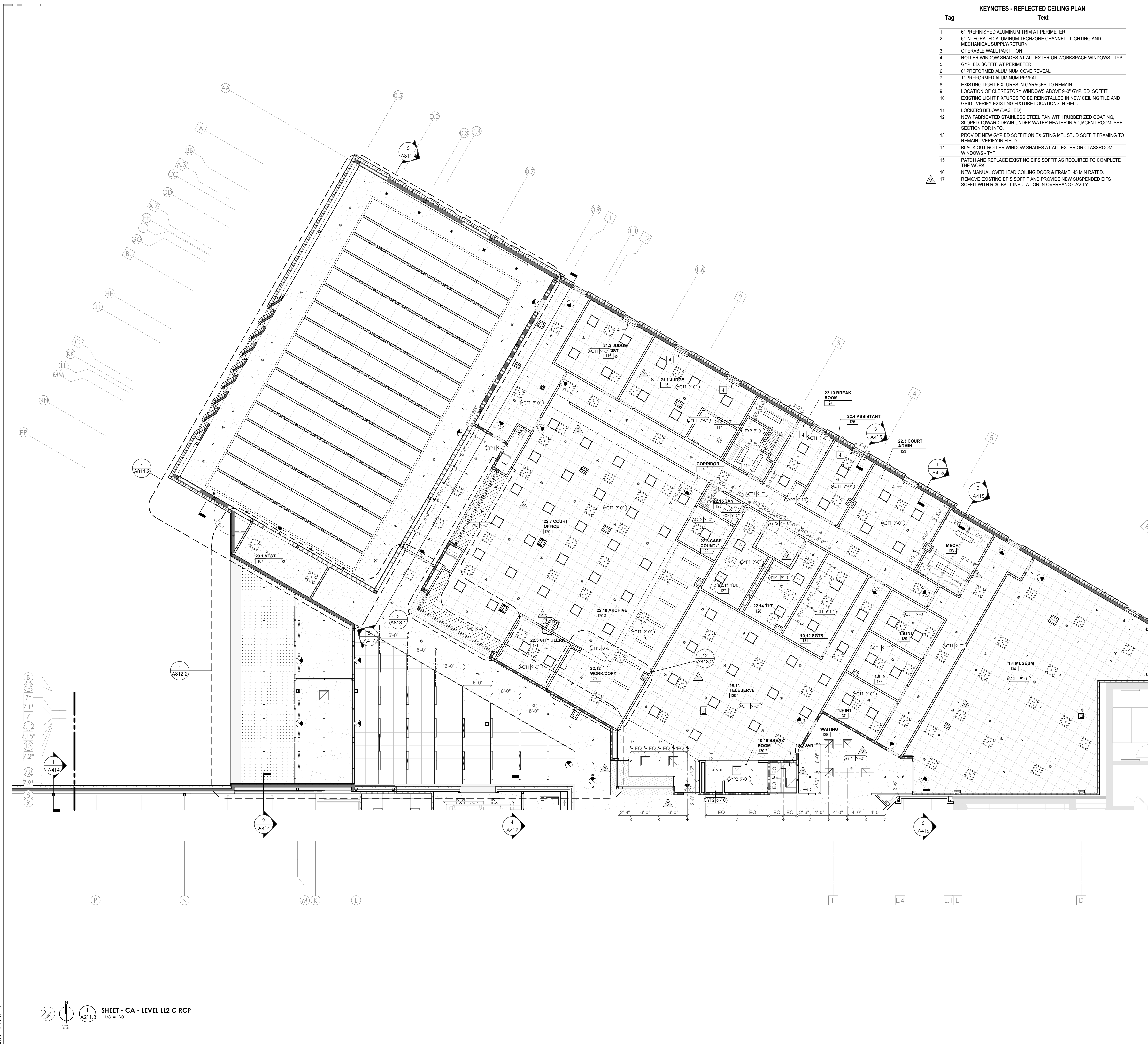
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 - EXP - EXPOSED TO STRUCTURE
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- HVAC CEILING RETURN
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- HVAC LINEAR RETURN
- ACCESS PANEL



3/30/2021 5:10:57 PM
 SHEET - CA - LEVEL LL2 C RCP
 A211.3
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Drawn By: LBU/WADG

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Drawing Info:

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CA - LEVEL LL1 B RCP

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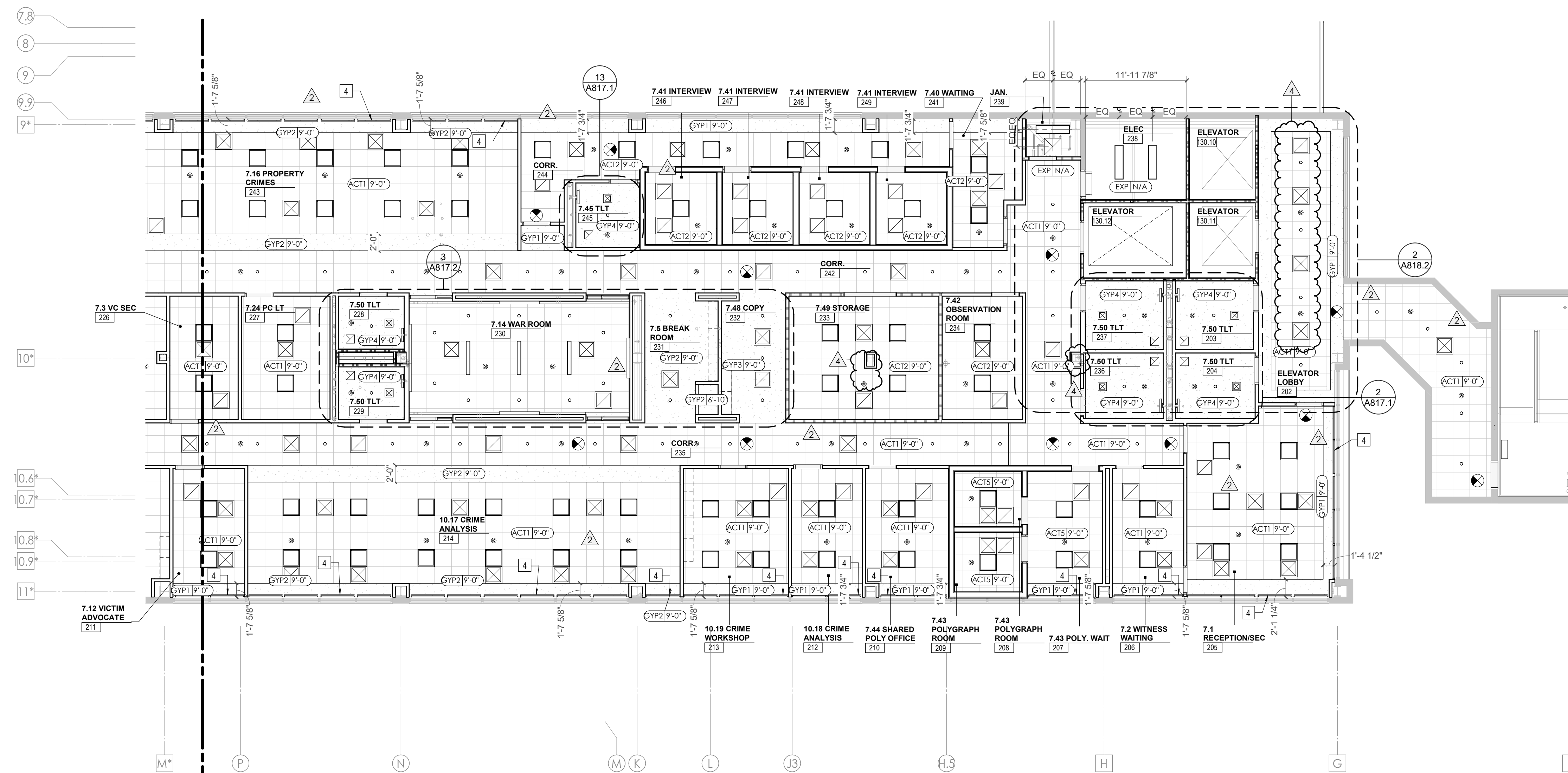
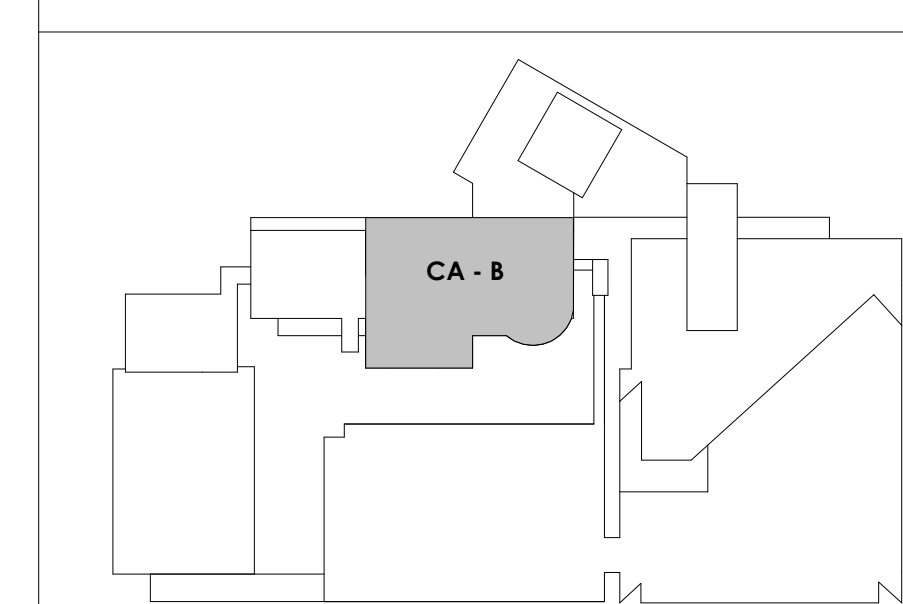
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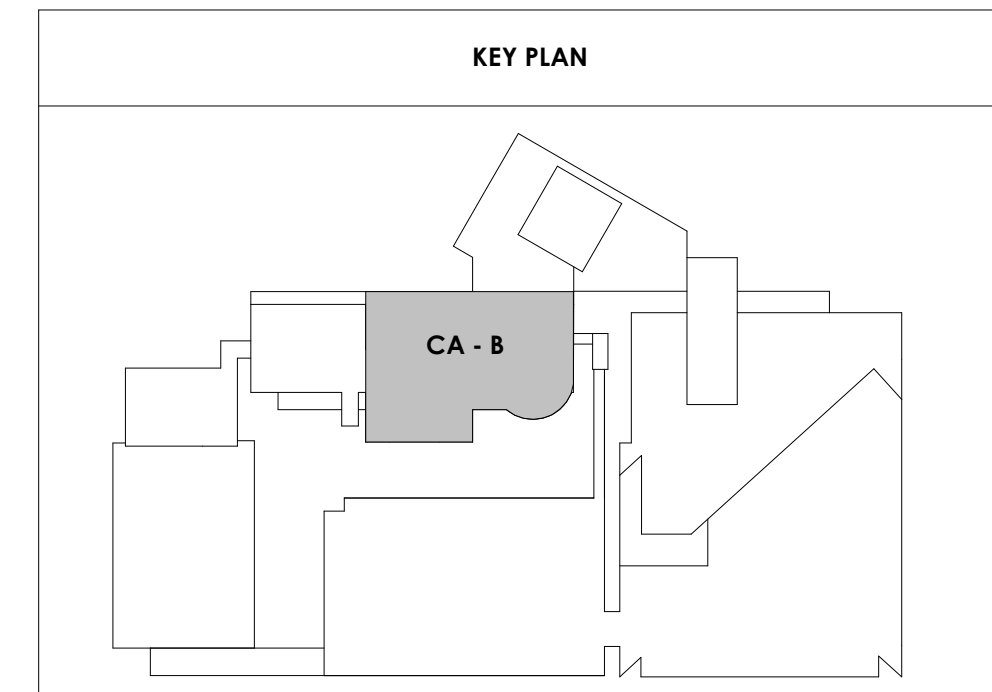
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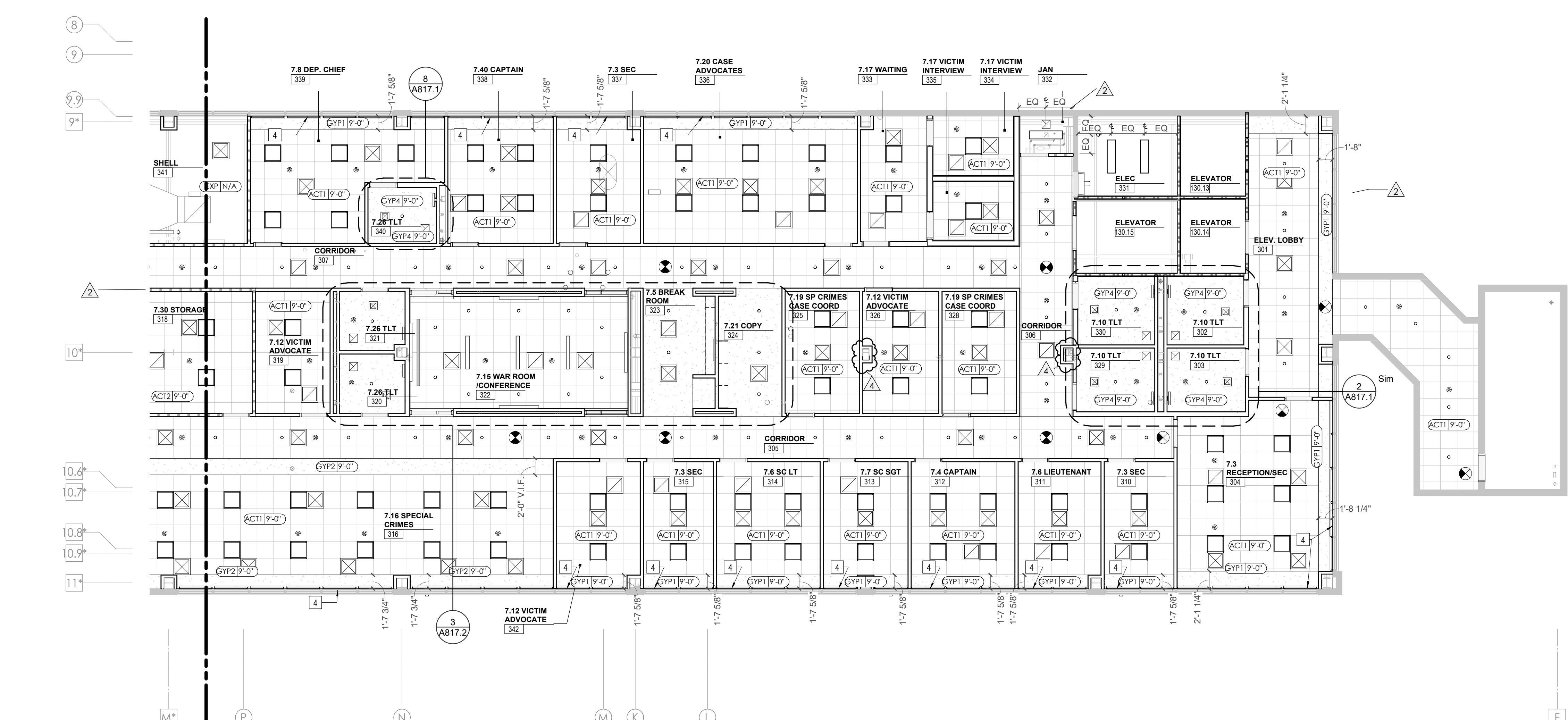
CA - LEVEL GROUND B & PENTHOUSE RCP

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6	6" PREFORMED ALUMINUM COVE REVEAL
7	1" PREFORMED ALUMINUM COVE REVEAL
8	EXISTING LIGHT FIXTURES IN GARAGES TO REMAIN
9	LOCATION OF CLERESTORY WINDOWS ABOVE 9'-0" GYP BD SOFFIT
10	EXISTING LIGHT FIXTURES TO BE REINSTALLED IN NEW CEILING TILE AND GRID - VERIFY EXISTING FIXTURE LOCATIONS IN FIELD
11	LOCKERS BELOW (DASHED)
12	NEW FABRICATED STAINLESS STEEL PAN WITH RUBBERIZED COATING, SLOPED TOWARD DRAIN UNDER WATER HEATER IN ADJACENT ROOM. SEE SECTION FOR INFO.
13	PROVIDE NEW GYP BD SOFFIT ON EXISTING MTL STUD SOFFIT FRAMING TO REMAIN - VERIFY IN FIELD
14	BLACK OUT ROLLER WINDOW SHADES AT ALL EXTERIOR CLASSROOM WINDOWS - TYP
15	PATCH AND REPLACE EXISTING EIFS SOFFIT AS REQUIRED TO COMPLETE THE WORK
16	NEW MANUAL OVERHEAD COLLING DOOR & FRAME, 45 MIN RATED.
17	REMOVE EXISTING EIFS SOFFIT AND PROVIDE NEW SUSPENDED EIFS SOFFIT WITH R-30 BATT INSULATION IN OVERHANG CAVITY



2 SHEET - CA - PENTHOUSE OVERALL RCP
A213.2 1/8" = 1'-0"



1 CENTRAL ANNEX - GROUND LEVEL B RCP
A213.2 1/8" = 1'-0"



Project Information:

19018

COK SAFETY BUILDING

900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:

Architects Design Group

#	ISSUE	DATE
2	ADD #02.1	02/17/21
4	ADD #04.1	03/03/21

Issue Date:	FEBRUARY 1, 2021
PIC:	DAVID COLLINS
PM:	JOHN THURMAN
PA:	LAUREN BUSH /
Drawn By:	Author
Checked By:	BP

Drawing Info:

A220

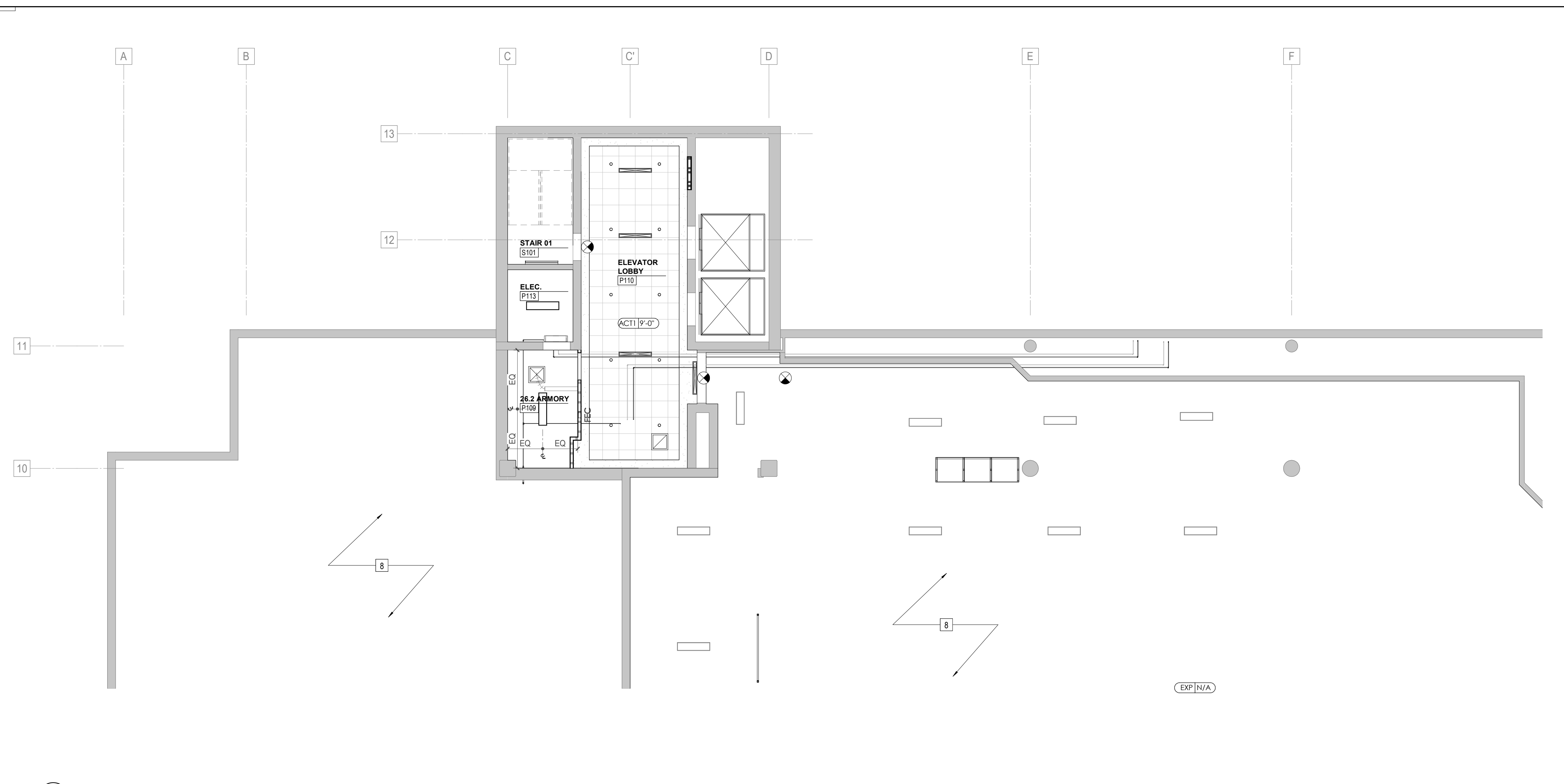
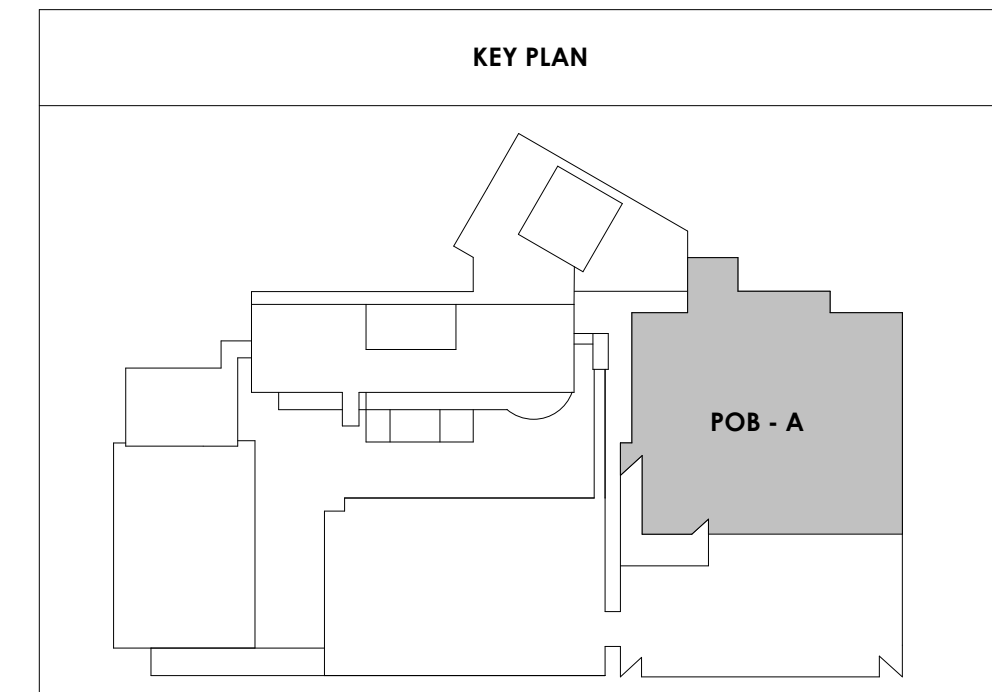
POB - P1, P2, P3
PARKING GARAGE
RCPS

REFLECTED CEILING PLAN LEGEND

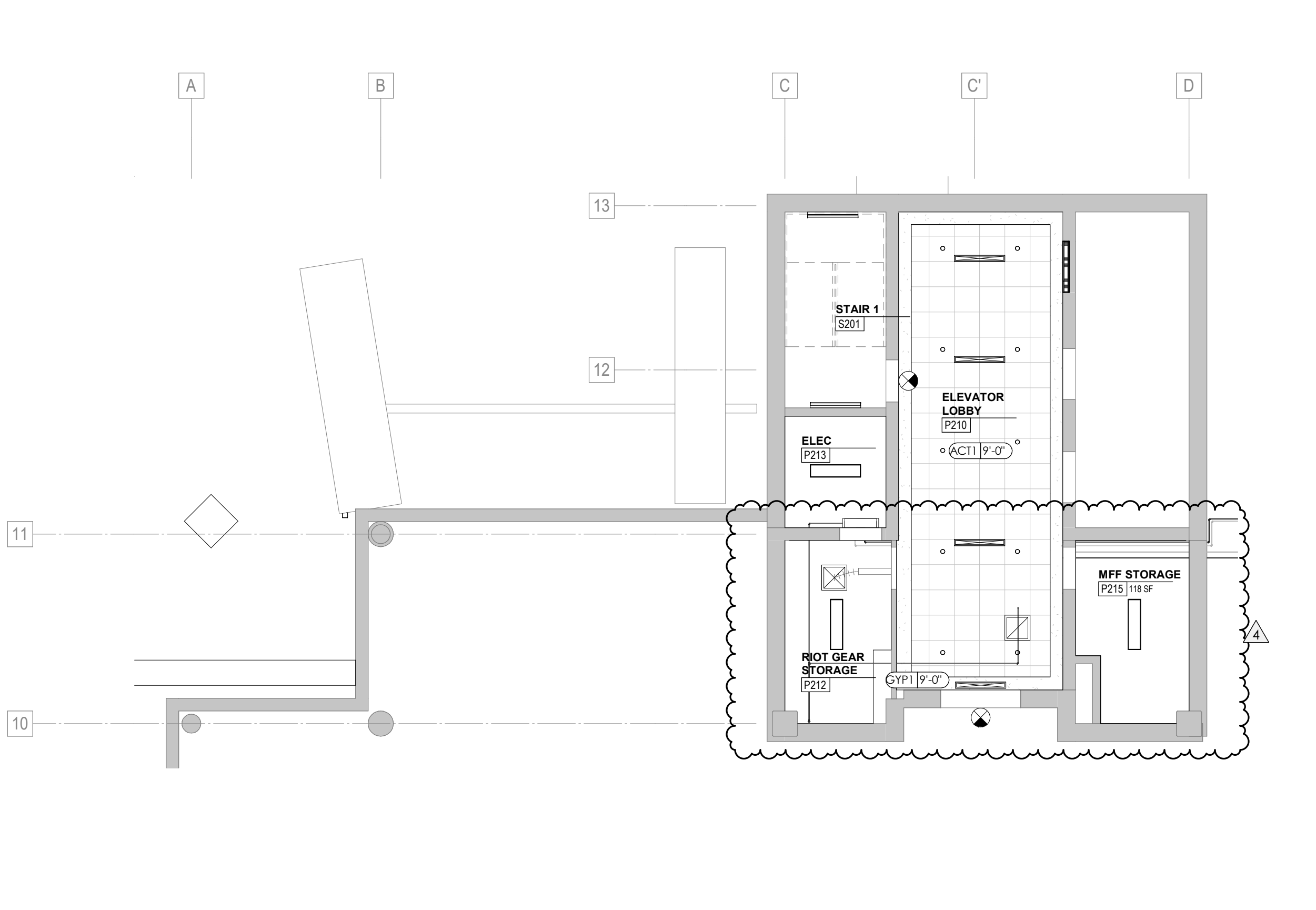
	24" x 24" ACOUSTICAL CEILING TILE GRID
	44" x 48" ACOUSTICAL CEILING TILE GRID
	GYPSUM BOARD CEILING
	WOOD PANEL CEILING
	EIFS SOFFIT
	CEILING TYPE INDICATOR
	CEILING HEIGHT AFF
	CEILING TYPE INDICATION
CEILING TYPES:	
	GYP - GYPSUM BOARD CEILING
	ACT - ACOUSTICAL TILE CEILING
	MTL - METAL PANEL SOFFIT
	EXP - EXPOSED TO STRUCTURE
	4" DIA. RECESSED CAN LIGHT
	AIMABLE DOWNLIGHT
	4" RECESSED WALL WASH DOWNLIGHT
	RAZOR WALL WASH DOWNLIGHT
	2" x 2" TROFFER
	LED STRIP
	SURFACE MOUNT STRIP LIGHT
	CONTINUOUS LINEAR LED DOWNLIGHT
	DIRECT-INDIRECT LINEAR PENDANT
	EXIT SIGN, SHADED QUADRANTS INDICATE NUMBER OF FACES. PROVIDE DIRECTIONAL ARROWS AS SHOWN.
	EMERGENCY LIGHT
	ED - WET LOCATION EXIT DISCHARGE LIGHT
	CEILING MOUNTED SPEAKER
	SPRINKLER HEAD, CENTER IN CEILING TILE (UNO)
	HVAC CEILING SUPPLY
	HVAC CEILING RETURN
	HVAC LINEAR SUPPLY
	HVAC LINEAR RETURN
	ACCESS PANEL

KEYNOTES - REFLECTED CEILING PLAN

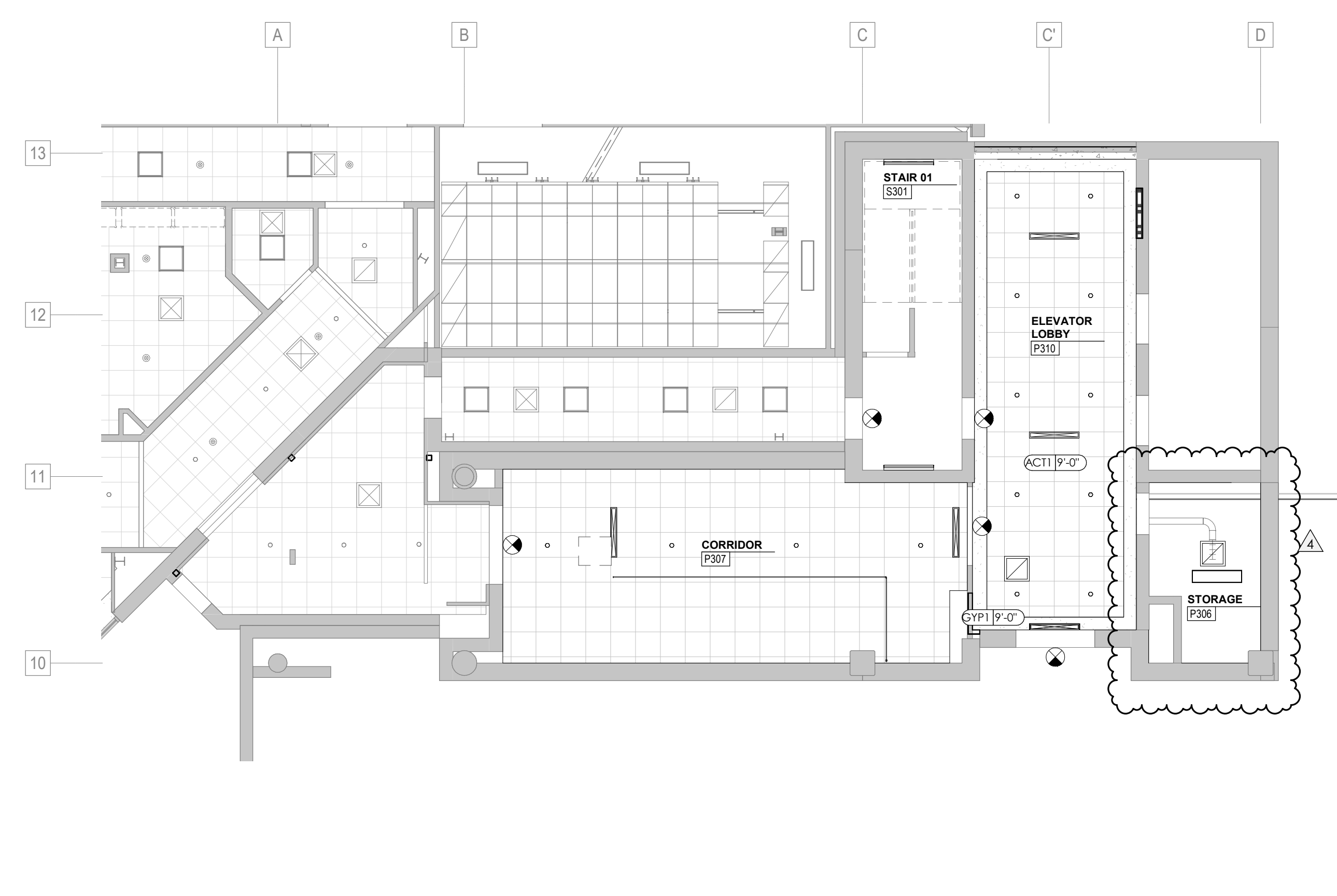
Tag	Text
1	6" PREFINISHED ALUMINUM TRIM AT PERIMETER
2	6" INTEGRATED ALUMINUM TECHZONE CHANNEL - LIGHTING AND MECHANICAL SUPPLY/RETURN
3	OPERABLE WALL PARTITION
4	ROLLER WINDOW SHADES AT ALL EXTERIOR WORKSPACE WINDOWS - TYP
5	GYP. BD. SOFFIT AT PERIMETER
6	6" PREFORMED ALUMINUM COVE REVEAL
7	1" PREFORMED ALUMINUM REVEAL
8	EXISTING LIGHT FIXTURES IN GARAGES TO REMAIN
9	LOCATION OF CLERESTORY WINDOWS ABOVE 9'-0" GYP. BD. SOFFIT.
10	EXISTING LIGHT FIXTURES TO BE REINSTALLED IN NEW CEILING TILE AND GRID - VERIFY EXISTING FIXTURE LOCATIONS IN FIELD
11	LOCKERS BELOW (DASHED)
12	NEW FABRICATED STAINLESS STEEL PAN WITH RUBBERIZED COATING SLOPED TOWARD DRAIN UNDER WATER HEATER IN ADJACENT ROOM. SEE SECTION FOR INFO.
13	PROVIDE NEW GYP. BD. SOFFIT ON EXISTING MTL. STUD SOFFIT FRAMING TO REMAIN - VERIFY IN FIELD
14	BLACK OUT ROLLER WINDOW SHADES AT ALL EXTERIOR CLASSROOM WINDOWS - TYP
15	PATCH AND REPLACE EXISTING EIFS SOFFIT AS REQUIRED TO COMPLETE THE WORK
16	NEW MANUAL OVERHEAD COILING DOOR & FRAME, 45 MIN RATED.
17	REMOVE EXISTING EIFS SOFFIT AND PROVIDE NEW SUSPENDED EIFS SOFFIT WITH R-20 BATT INSULATION IN OVERHANG CAVITY.



2 POB - PARKING LEVEL P1 A PARTIAL RCP
1/8" = 1'-0"



3 POB - PARKING LEVEL P2 A RCP
1/8" = 1'-0"



1 POB - PARKING LEVEL P3 A PARTIAL RCP
1/8" = 1'-0"



Project Information:

19018

COK SAFETY BUILDING

900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:

Architects Design Group

#	ISSUE	DATE
4	ADD #M.1	03/03/21

Issue Date:	FEBRUARY 1, 2021
PK:	DAVID COLLINS
PM:	JOHN THURMAN
PA:	LAUREN BUSH /
Drawn By:	M LABBE
Checked By:	B. PIERCY

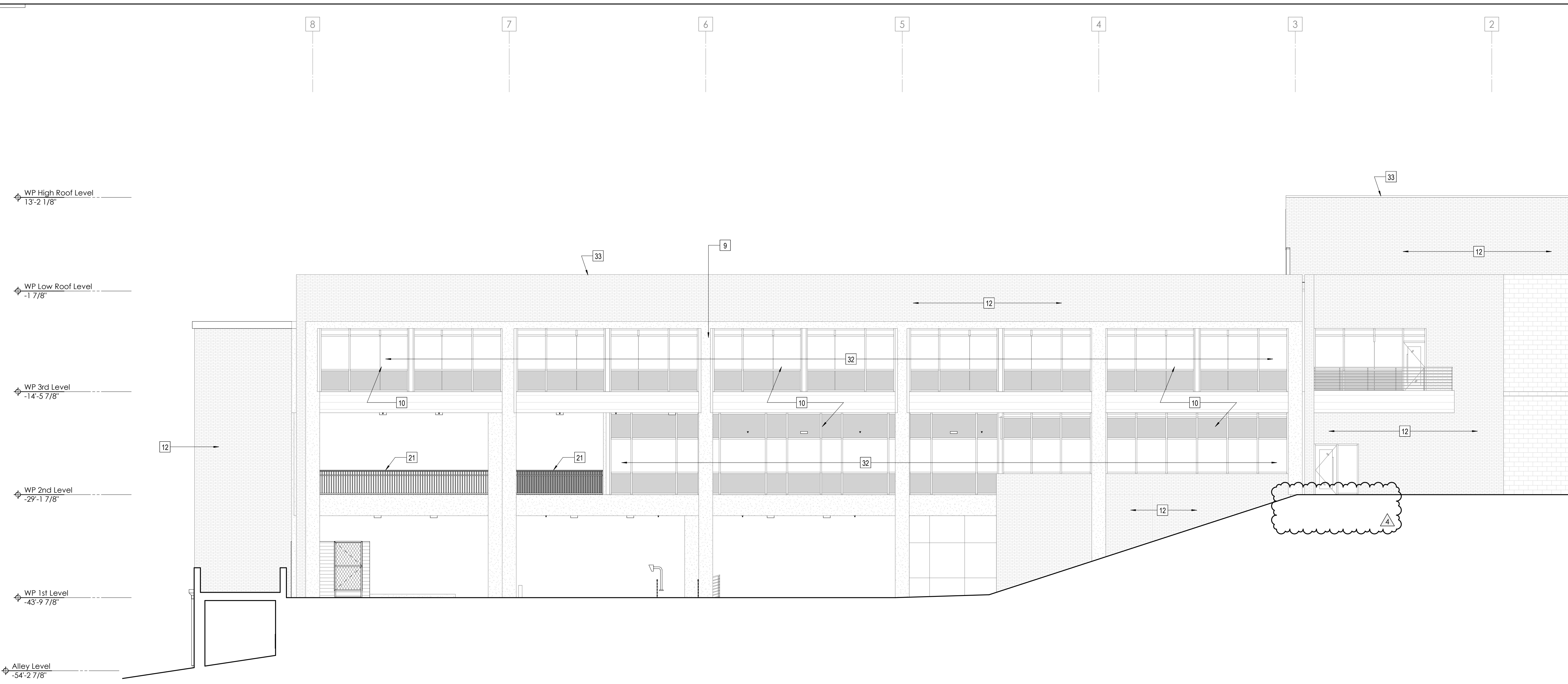
Drawing Info:

A301

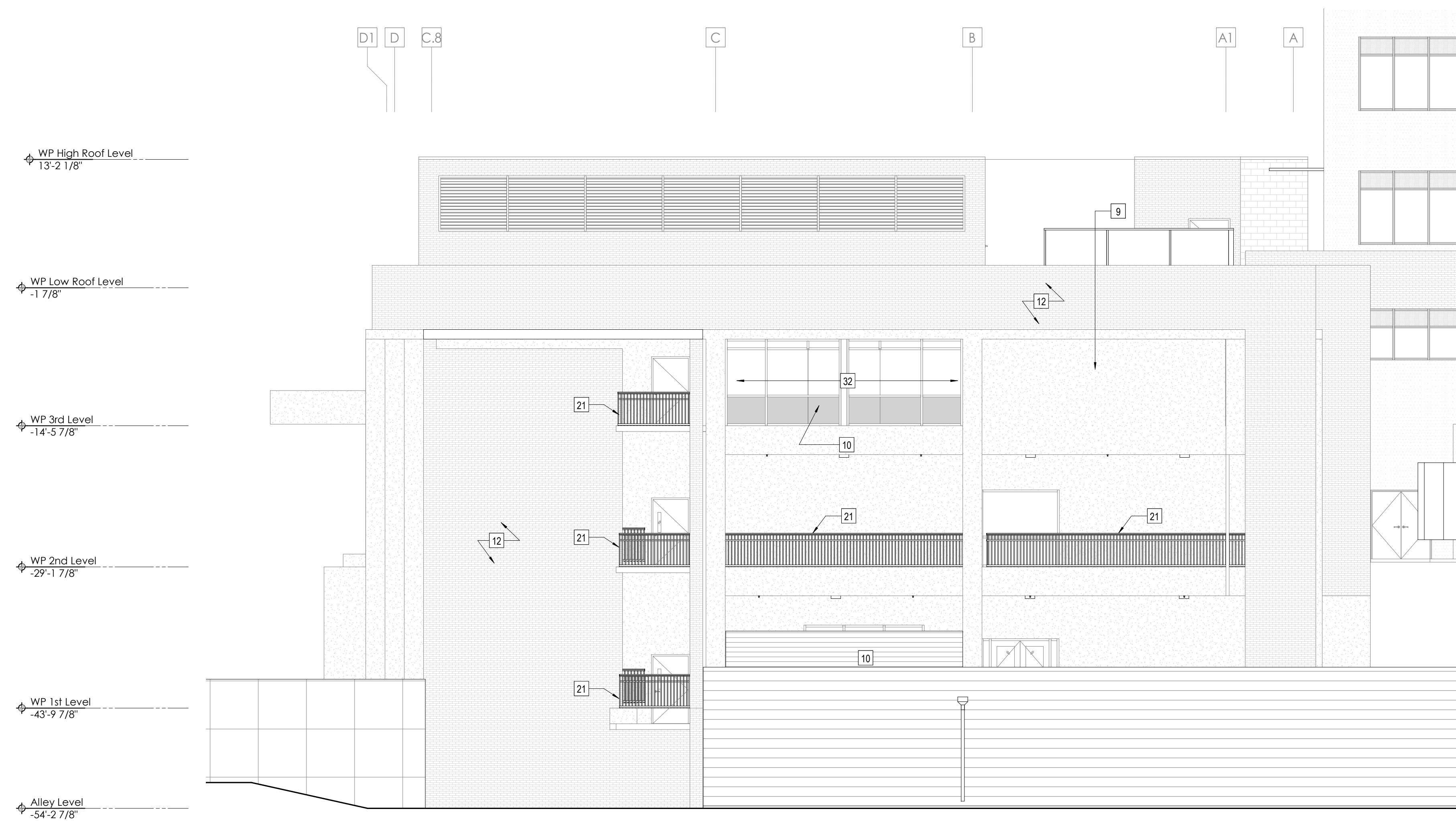
WP - EXTERIOR ELEVATIONS

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Tag	Text
1	STANDARD BRICK RUNNING BOND
2	STANDARD BRICK RUNNING BOND WITH 3/8" BRICK PROTRUSION PATTERN - SEE A311
3	1" INSULATED GLASS IN ALUMINUM STOREFRONT SYSTEM
4	1" INSULATED SPANDREL GLASS IN ALUMINUM STOREFRONT SYSTEM
5	CONTINUOUS PREFORMED METAL COPING
6	ALUMINUM STOREFRONT DOOR
7	HORIZONTAL INSULATED METAL PANEL
8	METAL MECHANICAL EQUIPMENT SCREEN
9	PREP & PAINT EXISTING EIFS WALL FACES BEYOND
10	EXISTING ALUMINUM STOREFRONT SYSTEM BEYOND - CLEAN AND APPLY NEW SEALANT AT OPENING PERIMETER AS REQUIRED
11	CONTINUOUS PREFORMED METAL COPING TO MATCH BRICK
12	CLEAN EXISTING BRICK FACADE - PROTECT ALL ADJACENT SURFACES FROM CLEANING AGENT
13	16" DIMENSIONAL LETTER SIGNAGE
14	CMU BLOCK WALL W/ CORRUGATED METAL CLADDING, SEE WALL SECTIONS A411
15	OVERHEAD COILING DOOR - SEE DOOR SCHEDULE
16	LIGHTWEIGHT CONCRETE PANEL
17	1" INSULATED GLASS IN ALUMINUM STOREFRONT SYSTEM - BALUSTIC LEVEL 3 GLAZING REQUIRED UP TO 8' MINIMUM
18	EXISTING ROOF HATCH
19	BOLLARDS - 9" DIA
20	CONTINUOUS PREFORMED METAL COPING TO MATCH METAL PANEL
21	NEW STEEL PIPE HANDRAIL AND GUARDRAIL, SEE RAIL DETAILS SHEET A650
22	CLEAN EXISTING CONCRETE AND OR BLOCK SURFACES AS REQUIRED. PROTECT ALL ADJACENT SURFACE FROM CLEANING ADJENT.
23	PREFINISHED METAL SCUPPER, TO MATCH CANOPY
24	SURFACE MOUNTED LIGHT FIXTURE, SEE ELECTRICAL
25	PREFABRICATED METAL CANOPY WITH INTEGRATED GUTTER, PREFINISHED TO MATCH ADJACENT METAL PANEL
26	VERTICAL INSULATED METAL PANEL
27	2" EXPANSION JOINT TO MATCH ADJACENT BRICK
28	NEW BRICK VENER ON EXISTING METAL STUD WALL, V.I.F.
29	APPLY TRANSLUCENT FILM TO TOP PANEL OF INSIDE FACE OF GLAZING
30	INFILL AS REQUIRED WITH SALVAGED BRICK TO MATCH EXISTING BRICK RUNNING BOND
31	CLEAN PAINT OFF EXISTING BRICK TO REMAIN
32	EXISTING ALUMINUM STOREFRONT - CONTRACTOR TO VERIFY CONDITION, REPLACE ALL DAMAGED MULLION COVERS, FINISH TO MATCH EXISTING. EXISTING COPING TO REMAIN
33	



1 SOUTH ELEVATION
A301 1/8" = 1'-0"



2 WEST ELEVATION
A301 1/8" = 1'-0"



Project Information:

19018

COK SAFETY BUILDING

900 East Oak Hill Ave, Knoxville, TN

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Consultant:

Architects Design Group

#	ISSUE	DATE
4	ADD #M.1	03/03/21

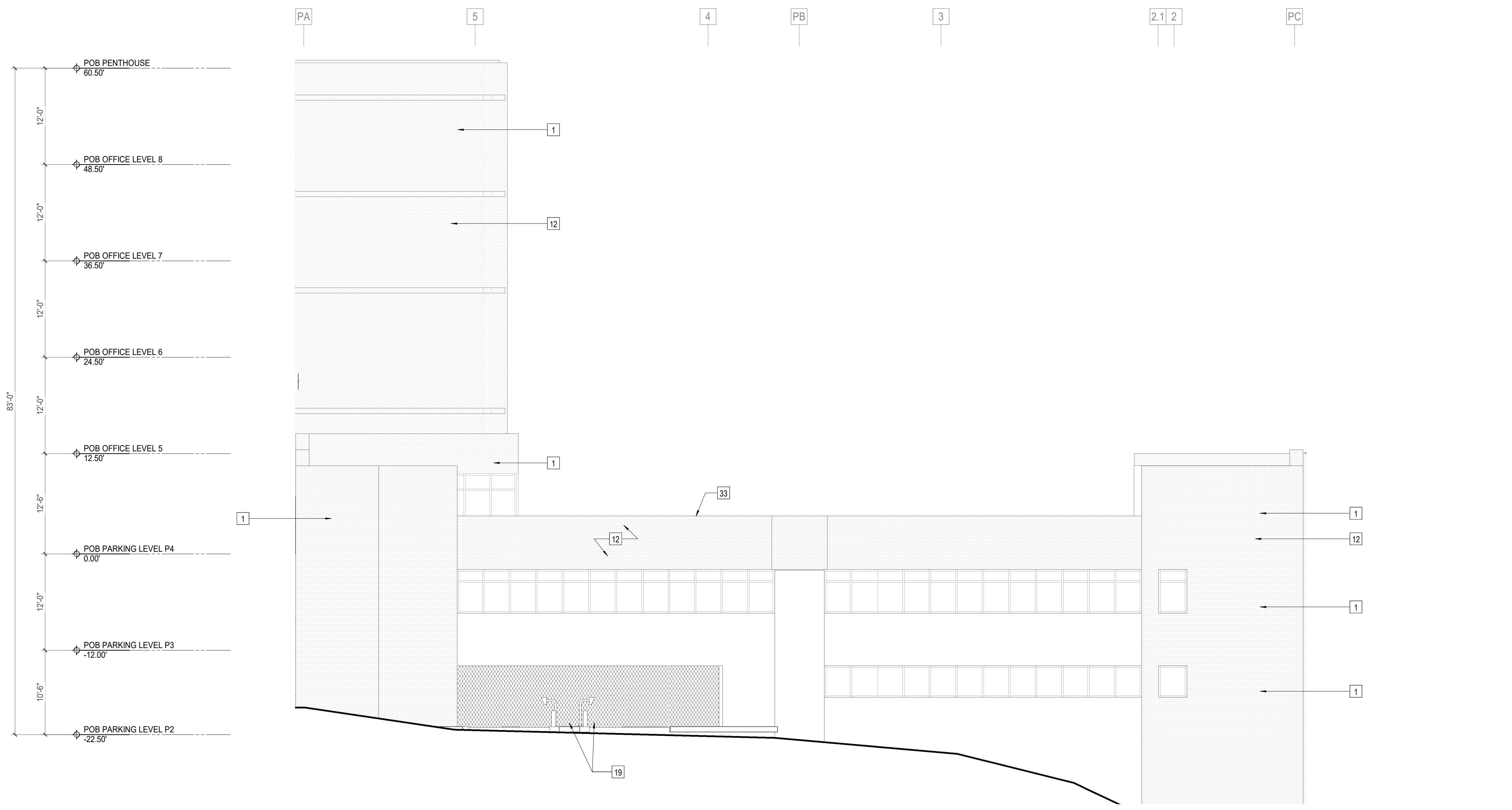
Issue Date:	FEBRUARY 1, 2021
PK:	DAVID COLLINS
PM:	JOHN THURMAN
PA:	LAUREN BUSH /
Drawn By:	Author
Checked By:	BP

Drawing Info:

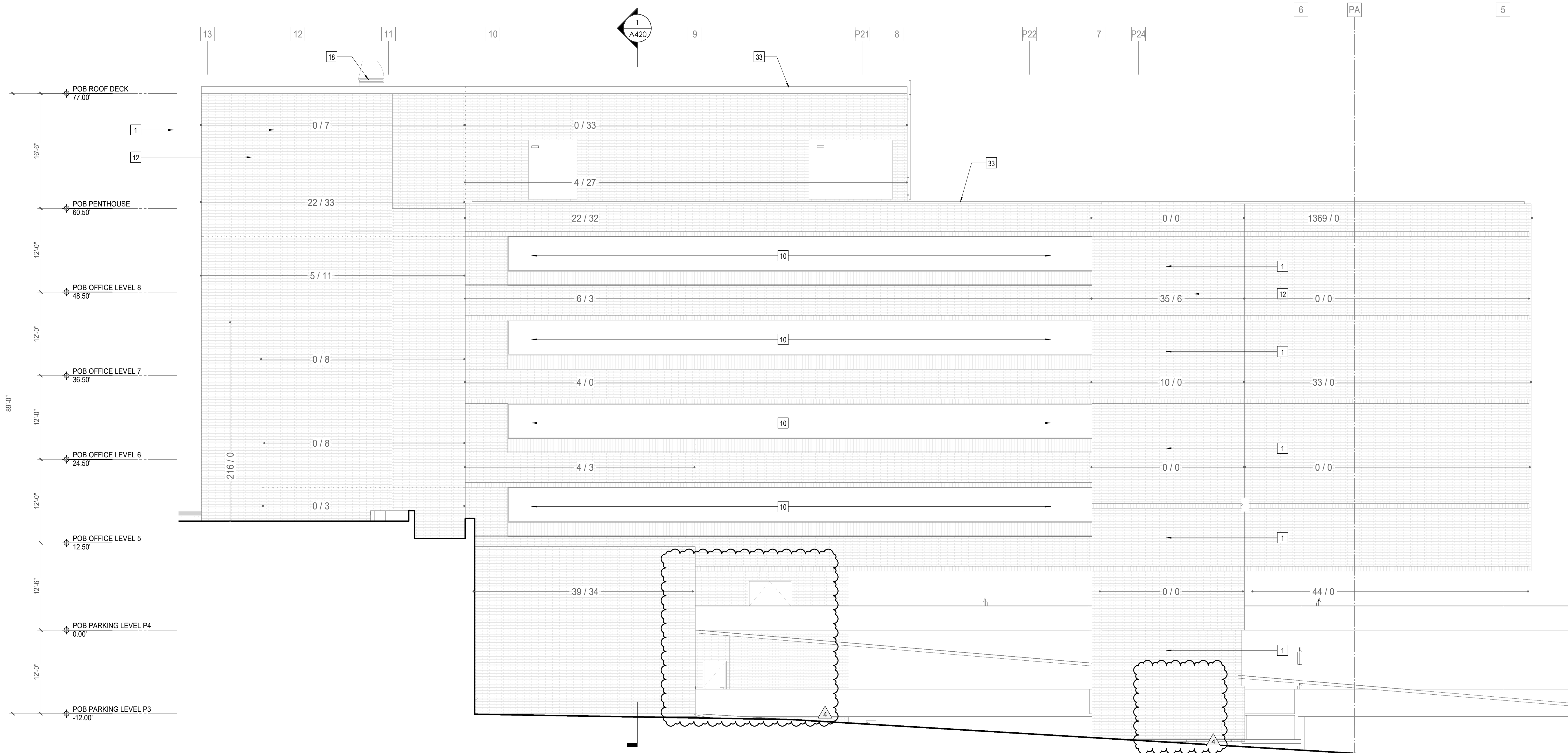
A321

POB - EXTERIOR ELEVATIONS (W)

TAG	TEXT
1	STANDARD BRICK RUNNING BOND
2	STANDARD BRICK RUNNING BOND WITH 3/8" BRICK PROTRUSION PATTERN - SEE A311
3	1" INSULATED GLASS IN ALUMINUM STOREFRONT SYSTEM
4	1" INSULATED SPANDREL GLASS IN ALUMINUM STOREFRONT SYSTEM
5	EXTERIOR DOOR, SEE SCHEDULE
6	HORIZONTAL INSULATED METAL PANEL
7	METAL MECHANICAL EQUIPMENT SCREEN
8	PREP & PAINT EXISTING EIFS WALL FACES BEYOND
9	EXISTING ALUMINUM STOREFRONT SYSTEM BEYOND - CLEAN AND APPLY NEW SEALANT AT OPENING PERIMETER AS REQUIRED.
10	CONTINUOUS PREFORMED METAL COPING TO MATCH BRICK
11	CLEAN EXISTING BRICK FACADE - PROTECT ALL ADJACENT SURFACES FROM CLEANING AGENT
12	18" DIMENSIONAL LETTER SIGNAGE
13	CMU BLOCK WALL W/ CORRUGATED METAL CLADDING, SEE WALL SECTIONS A411
14	LIGHTWEIGHT CONCRETE PANEL
15	1" INSULATED GLASS IN ALUMINUM STOREFRONT SYSTEM - BALISTIC LEVEL 3 GLAZING REQUIRED UP TO 8' MINIMUM
16	EXISTING ROOF HATCH
17	BOLLARDS - 9" DIA
18	CONTINUOUS PREFORMED METAL COPING TO MATCH METAL PANEL
19	NEW STEEL PIPE HANDRAIL AND GUARDRAIL, SEE RAIL DETAILS SHEET A650
20	CLEAN EXISTING CONCRETE AND OR BLOCK SURFACES AS REQUIRED. PROTECT ALL ADJACENT SURFACE FROM CLEANING ADJENT.
21	PREFINISHED METAL SCUPPER, TO MATCH CANOPY
22	SURFACE MOUNTED LIGHT FIXTURE, SEE ELECTRICAL
23	PREFABRICATED METAL CANOPY WITH INTEGRATED GUTTER, PREFINISHED TO MATCH ADJACENT METAL PANEL
24	VERTICAL INSULATED METAL PANEL
25	2" EXPANSION JOINT TO MATCH ADJACENT BRICK
26	NEW BRICK VENEER ON EXISTING METAL STUD WALL, V.I.F.
27	APPLY TRANSLUCENT FILM ON TOP PANEL OF INSIDE FACE OF GLAZING
28	INFILL AS REQUIRED WITH SALVAGED BRICK TO MATCH EXISTING BRICK RUNNING BOND
29	CLEAN PAINT OFF EXISTING BRICK TO REMAIN
30	EXISTING ALUMINUM STOREFRONT - CONTRACTOR TO VERIFY CONDITION, REPLACE ALL DAMAGED MULLION COVERS, FINISH TO MATCH EXISTING.
31	EXISTING COPING TO REMAIN



1 POB - WEST EXTERIOR ELEVATION 01
A321 1/8" = 1'-0"



BRICK REMEDIATION LEGEND:
INFORMATION ON ARCH ELEVATIONS PROVIDED DIAGRAMMATICALLY - REFER TO "BUILDING ENVELOPE ASSESSMENT" IN SPECIFICATIONS FOR FULL REPORT

APPROX. # EXISTING BRICKS REQUIRING REPLACEMENT / REMEDIATION (V/F)

APPROX. LINEAR FEET OF EXISTING MORTAR JOINT REQUIRING REPLACEMENT / REMEDIATION (V/F)

APPROX. EXTENT # / #

2 POB - WEST EXTERIOR ELEVATION 02
A321 1/8" = 1'-0"



Project Information:

19018

COK SAFETY BUILDING

900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:

Architects Design Group

#	ISSUE	DATE
4	ADD #04.1	03/03/21

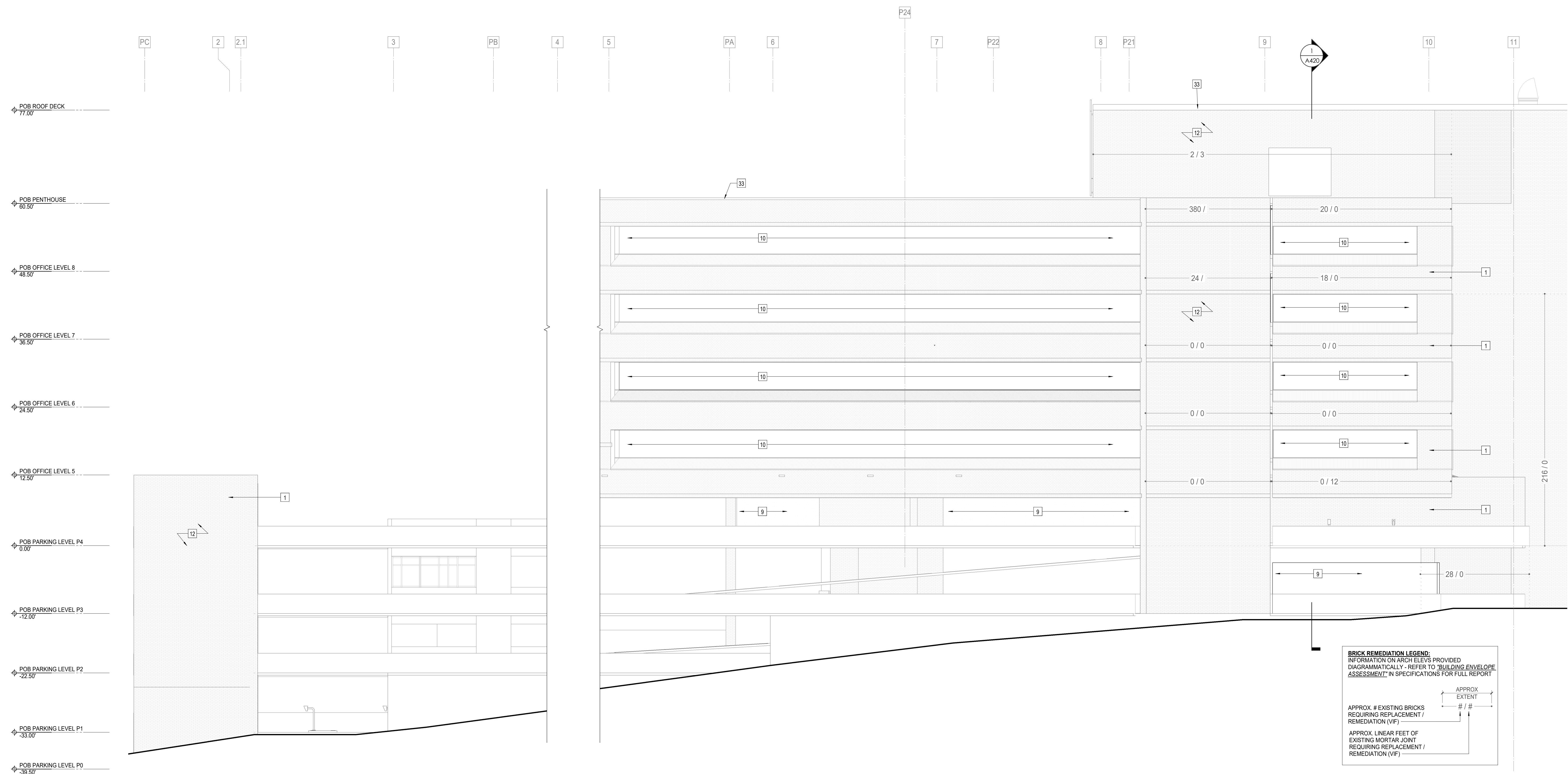
Issue Date:	FEBRUARY 1, 2021
PC:	DAVID COLLINS
PM:	JOHN THURMAN
PA:	LAUREN BUSH /
Drawn By:	Author
Checked By:	BP

Drawing Info:

A322

POB - EXTERIOR ELEVATIONS (E)

TAG	TEXT
1	STANDARD BRICK RUNNING BOND
2	STANDARD BRICK RUNNING BOND WITH 3/8" BRICK PROTRUSION PATTERN - SEE A311
3	1" INSULATED GLASS IN ALUMINUM STOREFRONT SYSTEM
4	1" INSULATED SPANDREL GLASS IN ALUMINUM STOREFRONT SYSTEM
5	EXTERIOR DOOR, SEE SCHEDULE A
6	HORIZONTAL INSULATED METAL PANEL
7	METAL MECHANICAL EQUIPMENT SCREEN
8	PREP & PAINT EXISTING EIFS WALL FACES BEYOND
9	EXISTING ALUMINUM STOREFRONT SYSTEM BEYOND - CLEAN AND APPLY NEW SEALANT AT OPENING PERIMETER AS REQUIRED.
10	CONTINUOUS PREFORMED METAL COPING TO MATCH BRICK
11	CLEAN EXISTING BRICK FACADE - PROTECT ALL ADJACENT SURFACES FROM CLEANING AGENT
12	18" DIMENSIONAL LETTER SIGNAGE
13	CMU BLOCK WALL W/ CORRUGATED METAL CLADDING, SEE WALL SECTIONS A411
14	LIGHTWEIGHT CONCRETE PANEL
15	1" INSULATED GLASS IN ALUMINUM STOREFRONT SYSTEM - BALLISTIC LEVEL 3 GLAZING REQUIRED UP TO 8' MINIMUM
16	EXISTING ROOF HATCH
17	BOLLARDS - 9" DIA
18	CONTINUOUS PREFORMED METAL COPING TO MATCH METAL PANEL
19	NEW STEEL PIPE HANDRAIL AND GUARDRAIL, SEE RAIL DETAILS SHEET A650
20	CLEAN EXISTING CONCRETE AND OR BLOCK SURFACES AS REQUIRED. PROTECT ALL ADJACENT SURFACE FROM CLEANING ADJENT.
21	PREFINISHED METAL SCUPPER, TO MATCH CANOPY
22	SURFACE MOUNTED LIGHT FIXTURE, SEE ELECTRICAL
23	PREFABRICATED METAL CANOPY WITH INTEGRATED GUTTER, PREFINISHED TO MATCH ADJACENT METAL PANEL
24	VERTICAL INSULATED METAL PANEL
25	2" EXPANSION JOINT TO MATCH ADJACENT BRICK
26	NEW BRICK VENEER ON EXISTING METAL STUD WALL, V.I.F.
27	APPLY TRANSLUCENT FILM ON TOP PANEL OF INSIDE FACE OF GLAZING
28	INFILL AS REQUIRED WITH SALVAGED BRICK TO MATCH EXISTING BRICK RUNNING BOND
29	CLEAN PAINT OFF EXISTING BRICK TO REMAIN
30	EXISTING ALUMINUM STOREFRONT - CONTRACTOR TO VERIFY CONDITION, REPLACE ALL DAMAGED MULLION COVERS, FINISH TO MATCH EXISTING.
31	EXISTING COPING TO REMAIN
32	
33	



BRICK REMEDIATION LEGEND:
INFORMATION ON ARCH ELEVS PROVIDED DIAGRAMMATICALLY - REFER TO "BUILDING ENVELOPE ASSESSMENT" IN SPECIFICATIONS FOR FULL REPORT

APPROX. # EXISTING BRICKS REQUIRING REPLACEMENT / REMEDIATION (V/F)

APPROX. LINEAR FEET OF EXISTING MORTAR JOINT REQUIRING REPLACEMENT / REMEDIATION (V/F)

APPROX. EXTENT

/

1 POB - EAST EXTERIOR ELEVATION 01
A322 1/8" = 1'-0"



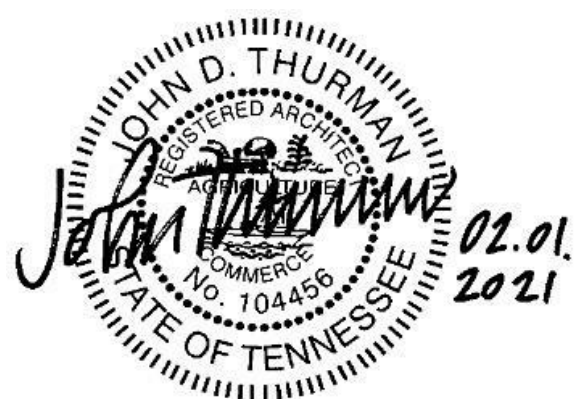
Project Information:

19018

COK SAFETY BUILDING

900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:

Architects Design Group

#	ISSUE	DATE
4	ADD #4.1	03/03/21

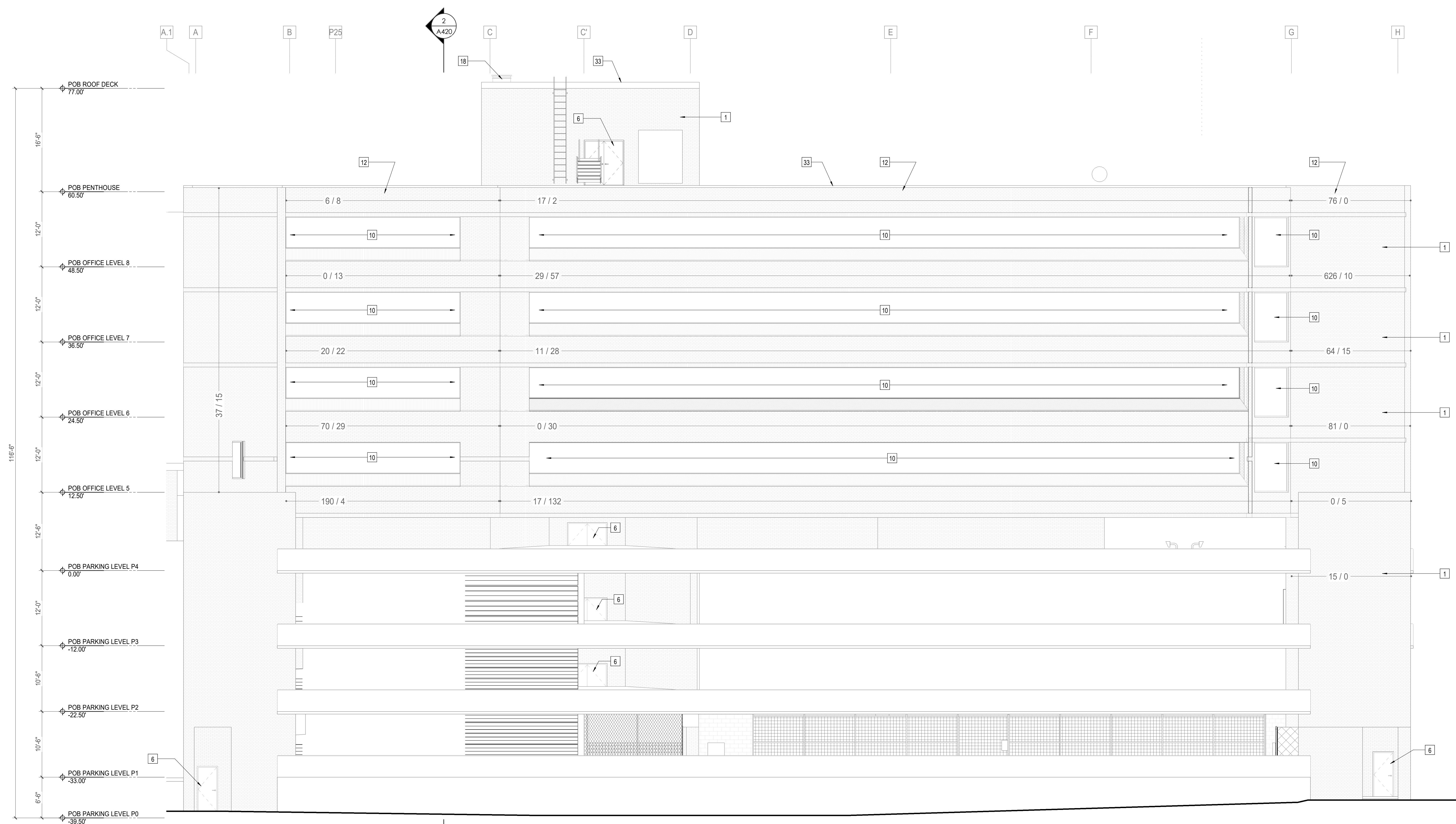
Issue Date:	FEBRUARY 1, 2021
PIC:	DAVID COLLINS
PM:	JOHN THURMAN
PA:	LAUREN BUSH /
Drawn By:	Author
Checked By:	BP

Drawing Info:

A323

POB - EXTERIOR ELEVATIONS (S)

TAG	TEXT
1	STANDARD BRICK RUNNING BOND
2	STANDARD BRICK RUNNING BOND WITH 3/8" BRICK PROTRUSION PATTERN - SEE A311
3	1" INSULATED GLASS IN ALUMINUM STOREFRONT SYSTEM
4	1" INSULATED SPANDREL GLASS IN ALUMINUM STOREFRONT SYSTEM
5	EXTERIOR DOOR, SEE SCHEDULE
6	HORIZONTAL INSULATED METAL PANEL
8	METAL MECHANICAL EQUIPMENT SCREEN
9	PREP & PAINT EXISTING EIFS WALL FACES BEYOND
10	EXISTING ALUMINUM STOREFRONT SYSTEM BEYOND - CLEAN AND APPLY NEW SEALANT AT OPENING PERIMETER AS REQUIRED.
11	CONTINUOUS PREFORMED METAL COPING TO MATCH BRICK
12	CLEAN EXISTING BRICK FACADE - PROTECT ALL ADJACENT SURFACES FROM CLEANING AGENT
13	1/8" DIMENSIONAL LETTER SIGNAGE
14	CMU BLOCK WALL W/ CORRUGATED METAL CLADDING, SEE WALL SECTIONS A411
16	LIGHTWEIGHT CONCRETE PANEL
17	1" INSULATED GLASS IN ALUMINUM STOREFRONT SYSTEM - BALISTIC LEVEL 3 GLAZING REQUIRED UP TO 8' MINIMUM
18	EXISTING ROOF HATCH
19	BOLLARDS - 9" DIA
20	CONTINUOUS PREFORMED METAL COPING TO MATCH METAL PANEL
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22	CLEAN EXISTING CONCRETE AND OR BLOCK SURFACES AS REQUIRED. PROTECT ALL ADJACENT SURFACE FROM CLEANING ADJENT.
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32	EXISTING ALUMINUM STOREFRONT - CONTRACTOR TO VERIFY CONDITION, REPLACE ALL DAMAGED MULLION COVERS, FINISH TO MATCH EXISTING.
33	EXISTING COPING TO REMAIN



BRICK REMEDIATION LEGEND:
INFORMATION ON ARCH ELEVATIONS PROVIDED DIAGRAMMATICALLY - REFER TO "BUILDING ENVELOPE ASSESSMENT" IN SPECIFICATIONS FOR FULL REPORT

APPROX. # EXISTING BRICKS REQUIRING REPLACEMENT / REMEDIATION (V/F)	APPROX. EXTENT
APPROX. LINEAR FEET OF EXISTING MORTAR JOINT REQUIRING REPLACEMENT / REMEDIATION (V/F)	

1 A323 POB - SOUTH EXTERIOR ELEVATION 01
1/8" = 1'-0"



Project Information:

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COK SAFETY BUILDING

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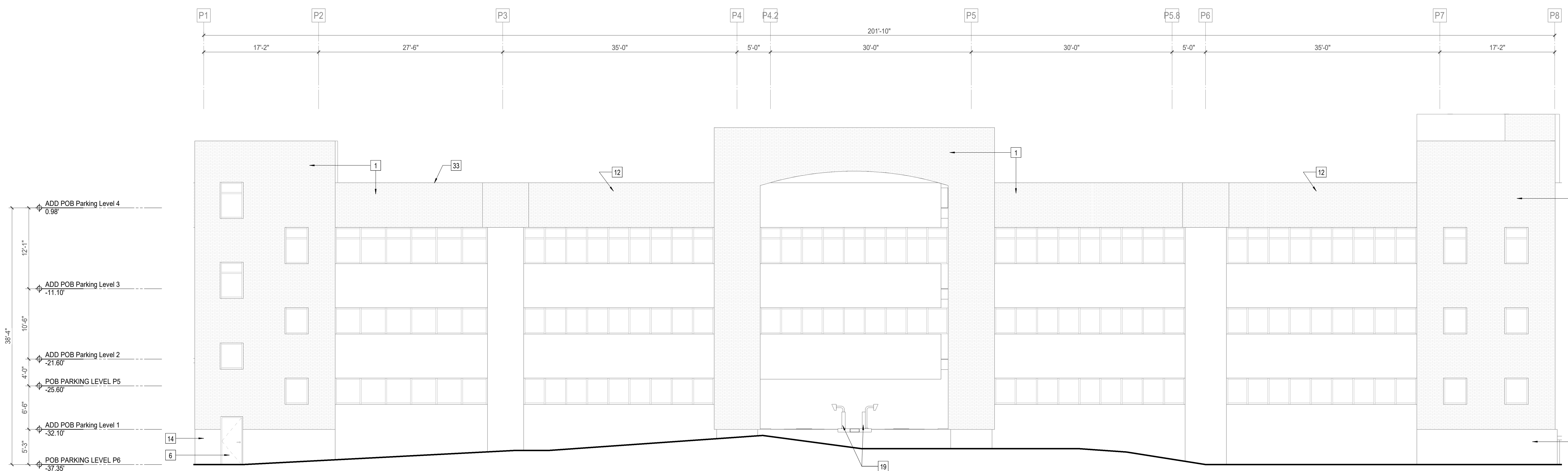
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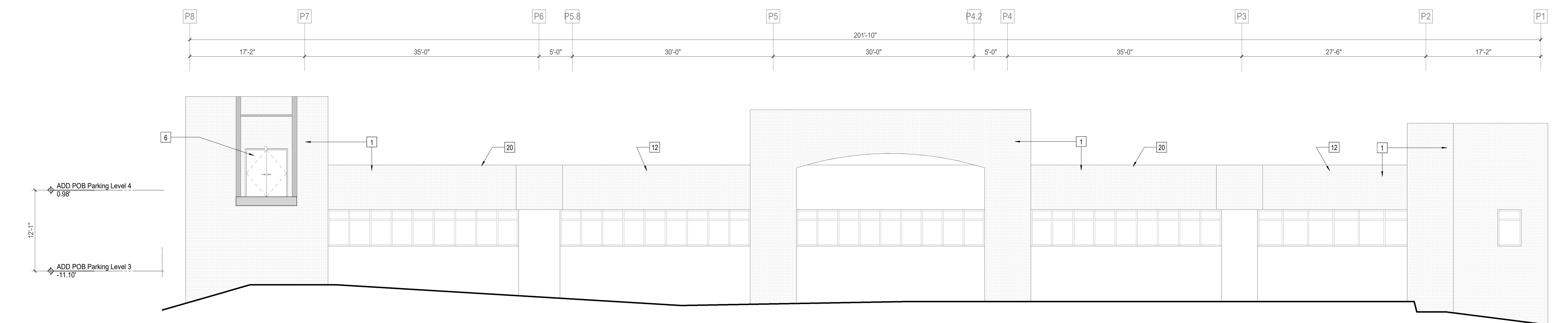
POB - EXTERIOR ELEVATIONS (N/S)

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TAG	TEXT
1	STANDARD BRICK RUNNING BOND
2	STANDARD BRICK RUNNING BOND WITH 3/8" BRICK PROTRUSION PATTERN - SEE A311
3	1" INSULATED GLASS IN ALUMINUM STOREFRONT SYSTEM
4	1" INSULATED SPANDREL GLASS IN ALUMINUM STOREFRONT SYSTEM
5	EXTERIOR DOOR, SEE SCHEDULE
6	HORIZONTAL INSULATED METAL PANEL
7	METAL MECHANICAL EQUIPMENT SCREEN
8	PREP & PAINT EXISTING EIFS WALL FACES BEYOND
9	EXISTING ALUMINUM STOREFRONT SYSTEM BEYOND - CLEAN AND APPLY NEW SEALANT AT OPENING PERIMETER AS REQUIRED.
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31	
32	
33	



1 POB - SOUTH EXTERIOR ELEVATION 02
 A324 1/8" = 1'-0"



2 POB - NORTH EXTERIOR ELEVATION 02
 A324 1/8" = 1'-0"



Project Information:

19018

COK SAFETY BUILDING

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Seal:



Consultant:

Architects Design Group

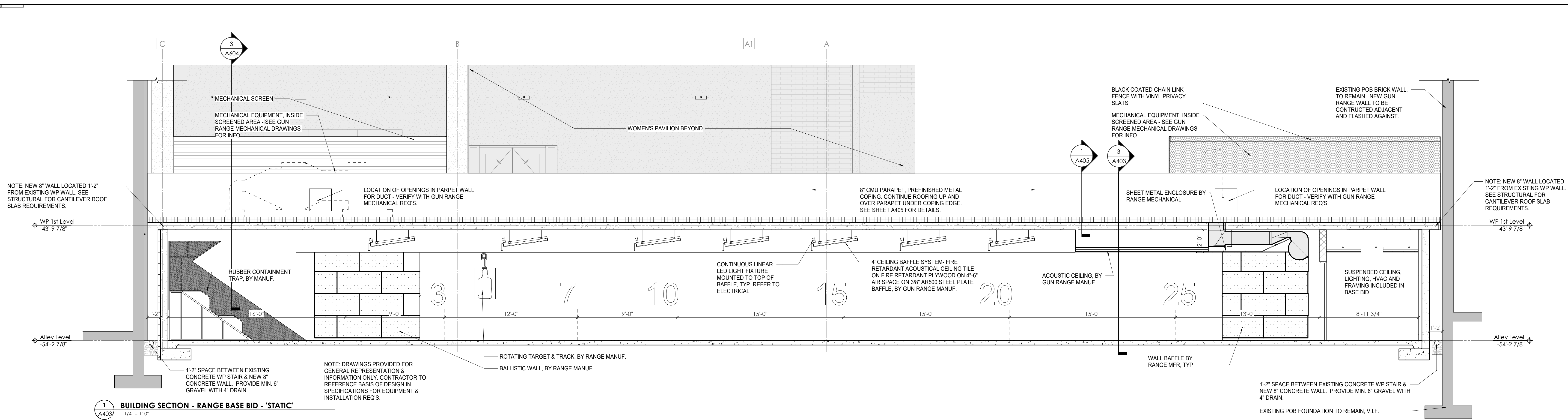
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Drawn By:	Author
Checked By:	B. PIERCY

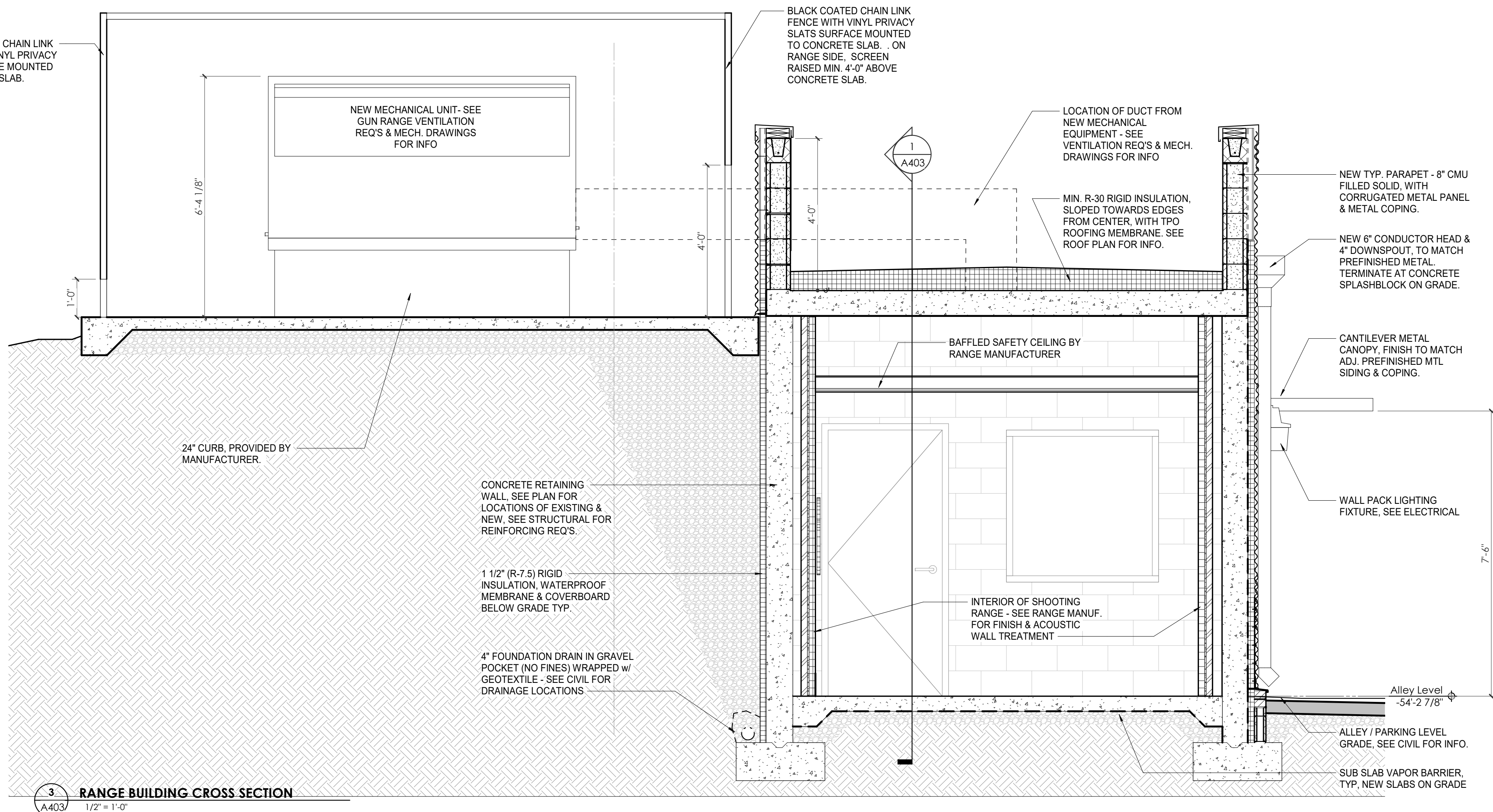
Drawing Info:

A403

WP - RANGE BUILDING SECTIONS



1 BUILDING SECTION - RANGE BASE BID - 'STATIC'
1/4" = 1'-0"



3 RANGE BUILDING CROSS SECTION
1/2" = 1'-0"

**ALTERNATE #1
DELETE FIRING RANGE
AND ALL RELATED ITEMS**



Project Information:

19018

COK SAFETY BUILDING

900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:

Architects Design Group

#	ISSUE	DATE
1	ADD #01.1	02/10/21
3	ADD #03.1	02/24/21
4	ADD #04.1	03/03/21

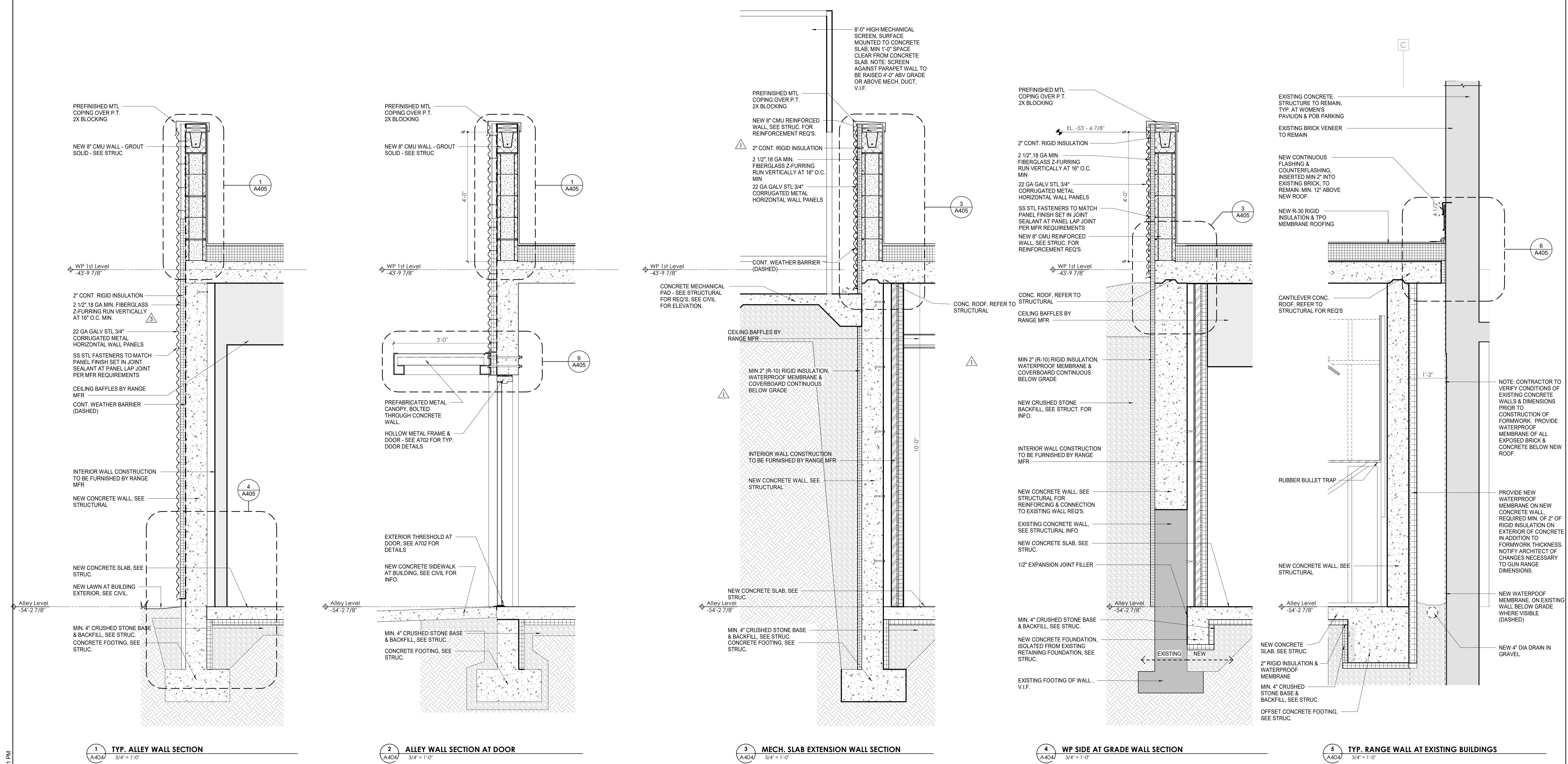
Issue Date:	FEBRUARY 1, 2021
PK:	DAVID COLLINS
PM:	JOHN THURMAN
PA:	LAUREN BUSH / MALINDA LABBE
Drawn By:	MALINDA LABBE
Checked By:	B. PIERCY

Drawing Info:

A404

WP - WALL SECTIONS - RANGE

ALTERNATE #1 DELETE FIRING RANGE AND ALL RELATED ITEMS





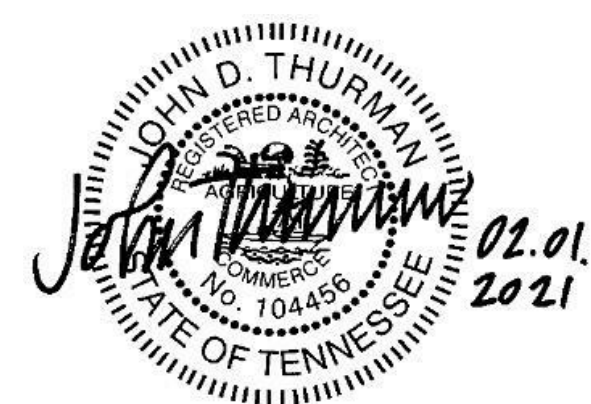
Project Information:

19018

COK PUBLIC SAFETY COMPLEX

900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:

Architects Design Group

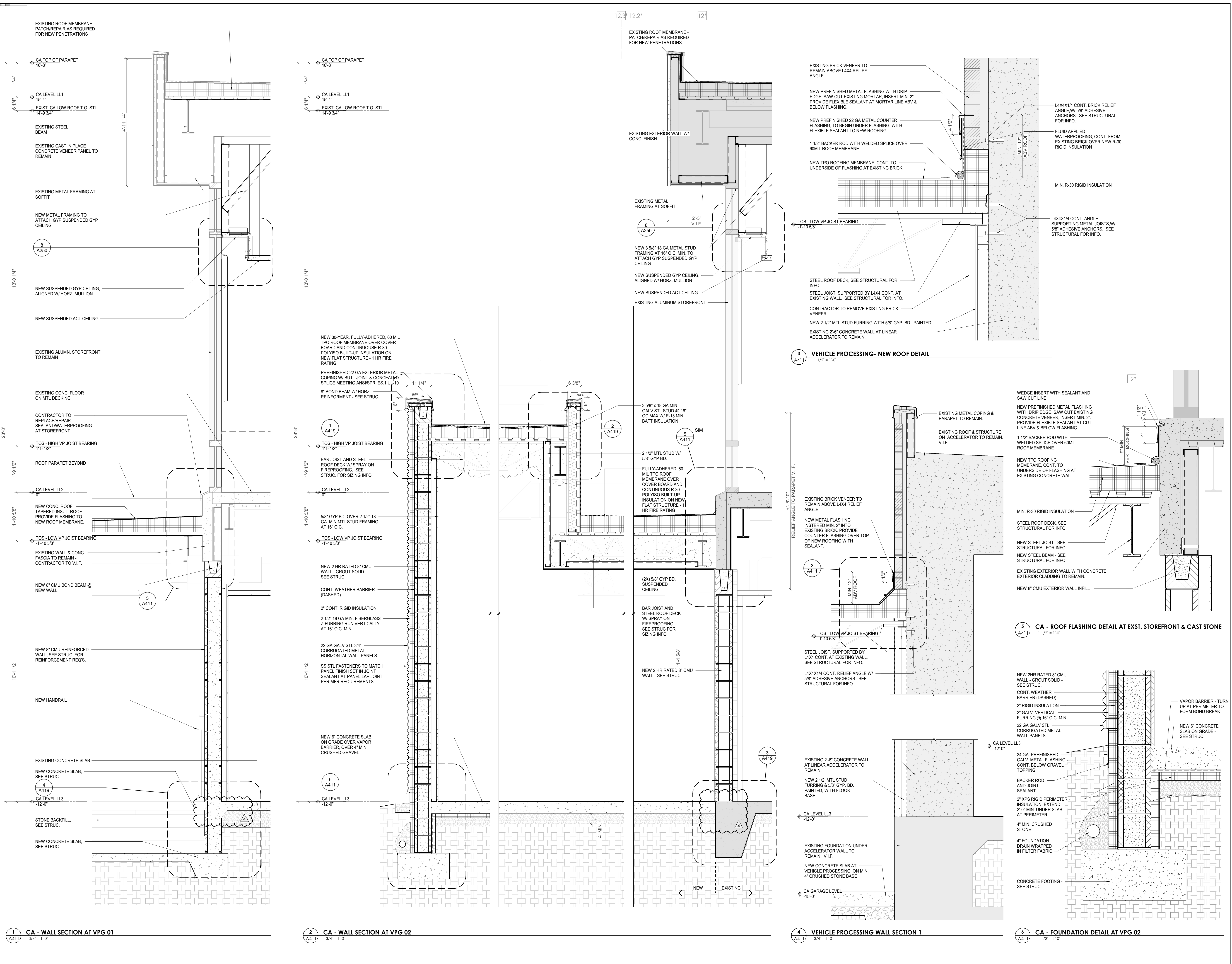
#	ISSUE	DATE
4	ADD #4.1	03/03/21

Issue Date:	FEBRUARY 01, 2021
PIC:	DAVID COLLINS
PM:	JOHN THURMAN
PA:	LAUREN BUSH /
Drawn By:	JW
Checked By:	BP

Drawing Info:

A411

CA - VEHICLE PROCESSING WALL SECTIONS / DTLS





Project Information:

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Seal:



Consultant:
Architects Design Group

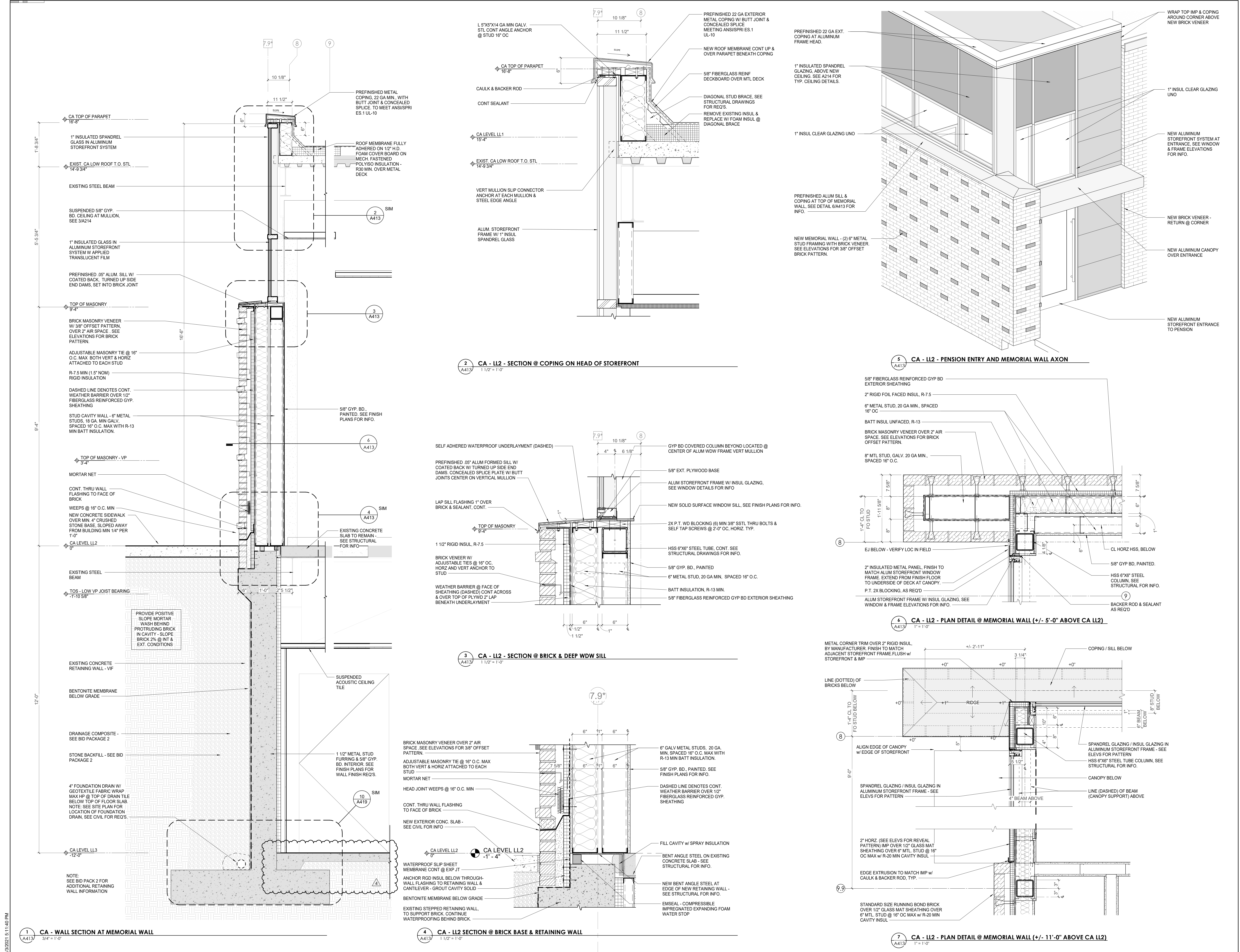
#	ISSUE	DATE
4	ADD #04.1	03/03/21

Issue Date: FEBRUARY 01, 2021
PIC: DAVID COLLINS
PM: JOHN THURMAN
PA: LAUREN BUSH /
Drawn By: Author
Checked By: BP

Drawing Info:

A413

CA - MEMORIAL WALL SECTIONS / DTLS (2/3)



3/20/2021 5:11:40 PM



Project Information:

19018

COK PUBLIC SAFETY COMPLEX

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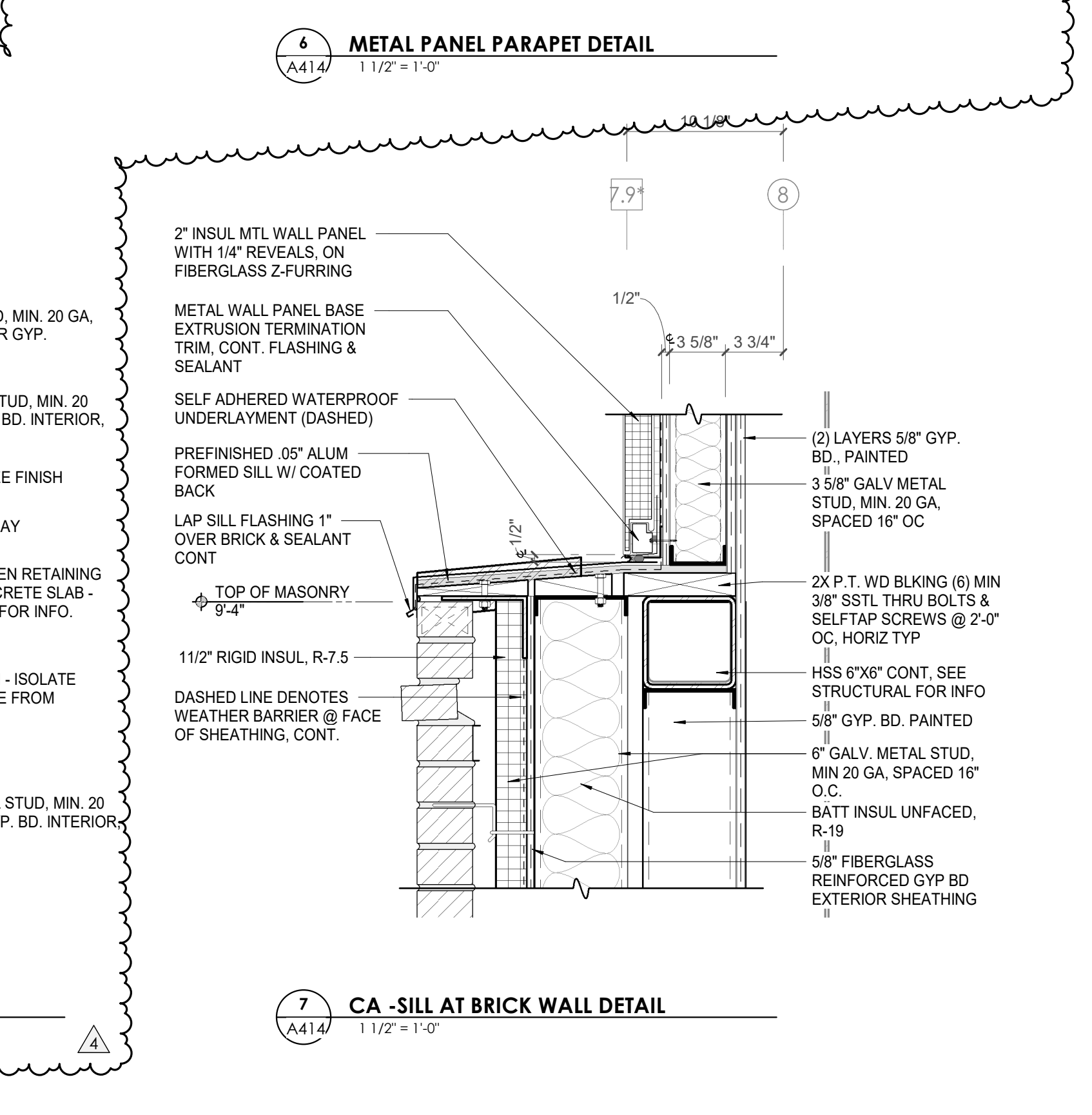
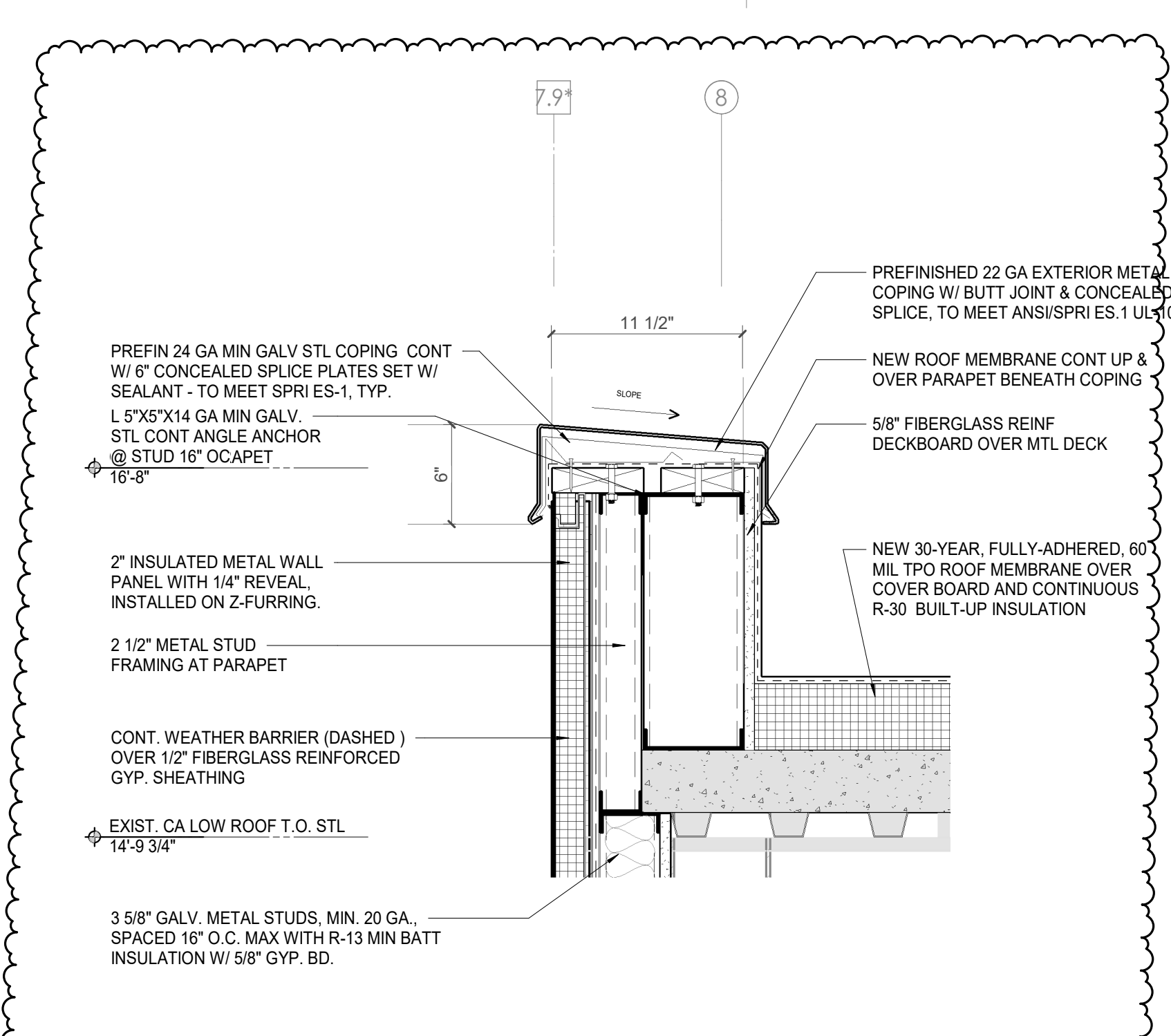
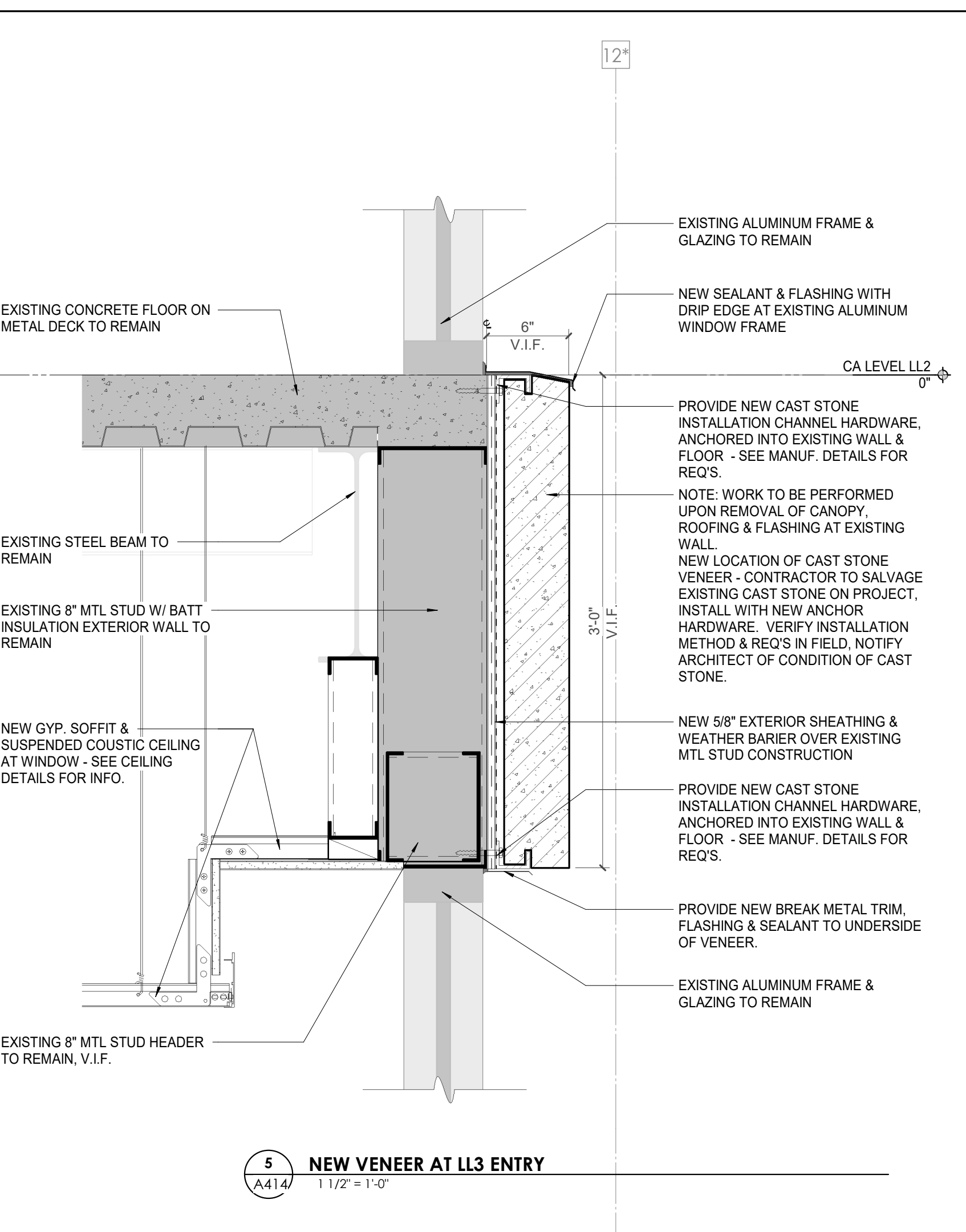
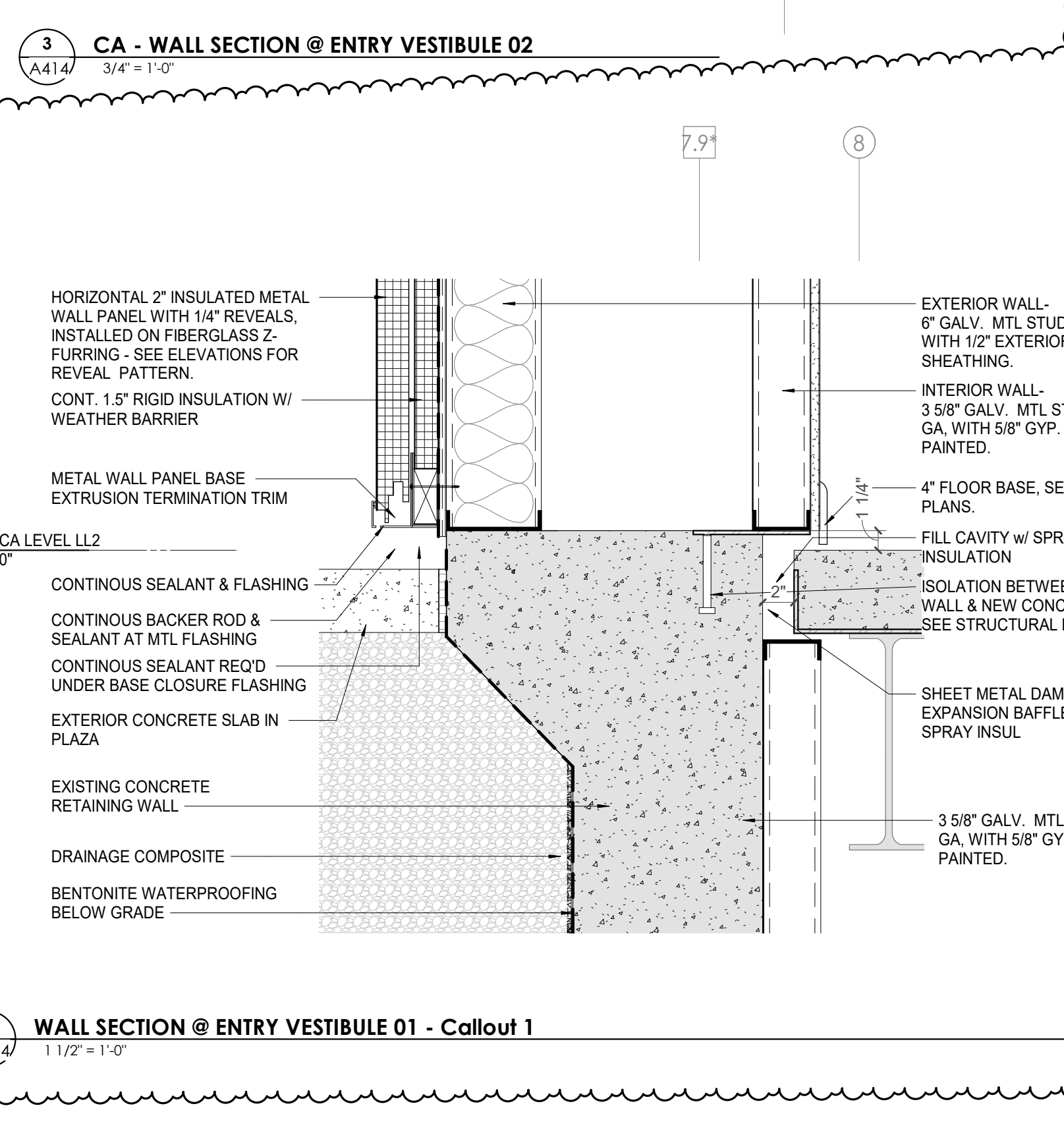
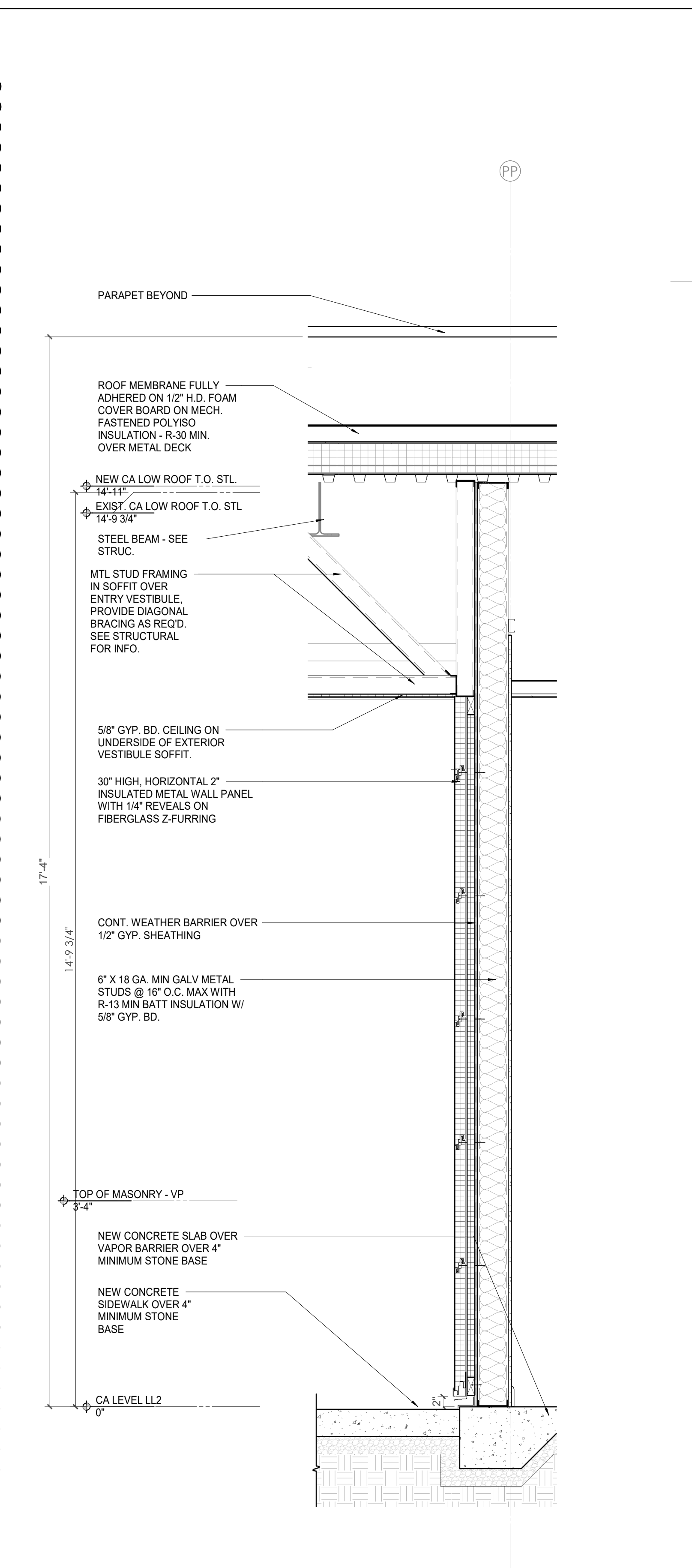
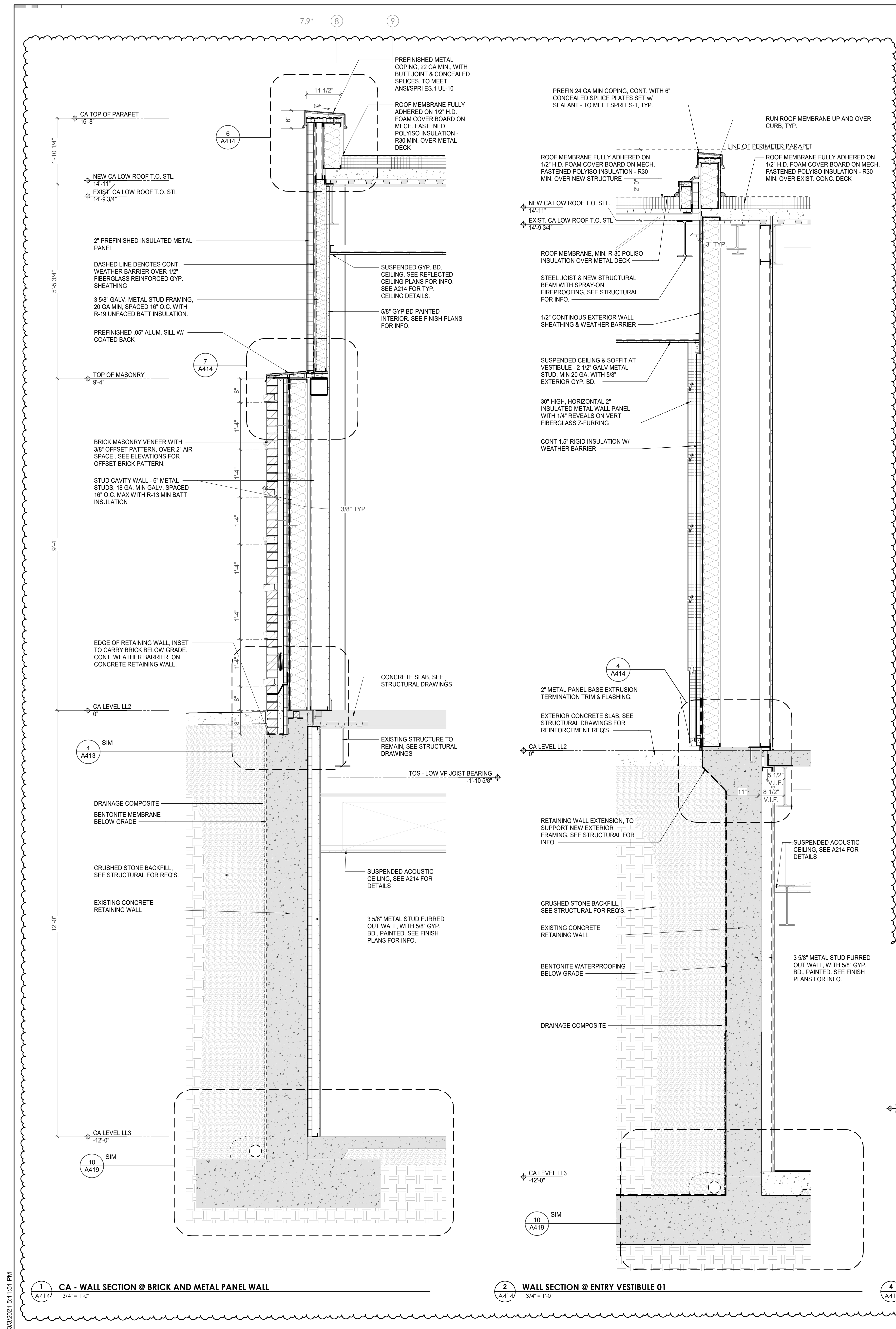
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Issue Date: FEBRUARY 01, 2021
 PIC: DAVID COLLINS
 PM: JOHN THURMAN
 PA: LAUREN BUSH /
 Drawn By: Author
 Checked By: BP

Drawing Info:

A414

CA - MEMORIAL WALL SECTIONS / DTLS (3/3)



1 CA - WALL SECTION @ BRICK AND METAL PANEL WALL
 2 WALL SECTION @ ENTRY VESTIBULE 01
 3 WALL SECTION @ ENTRY VESTIBULE 01 - Callout 1

4 CA - WALL SECTION @ ENTRY VESTIBULE 02
 5 METAL PANEL PARAPET DETAIL
 6 CA - SILL AT BRICK WALL DETAIL

3/3/2021 5:11:51 PM



Project Information:

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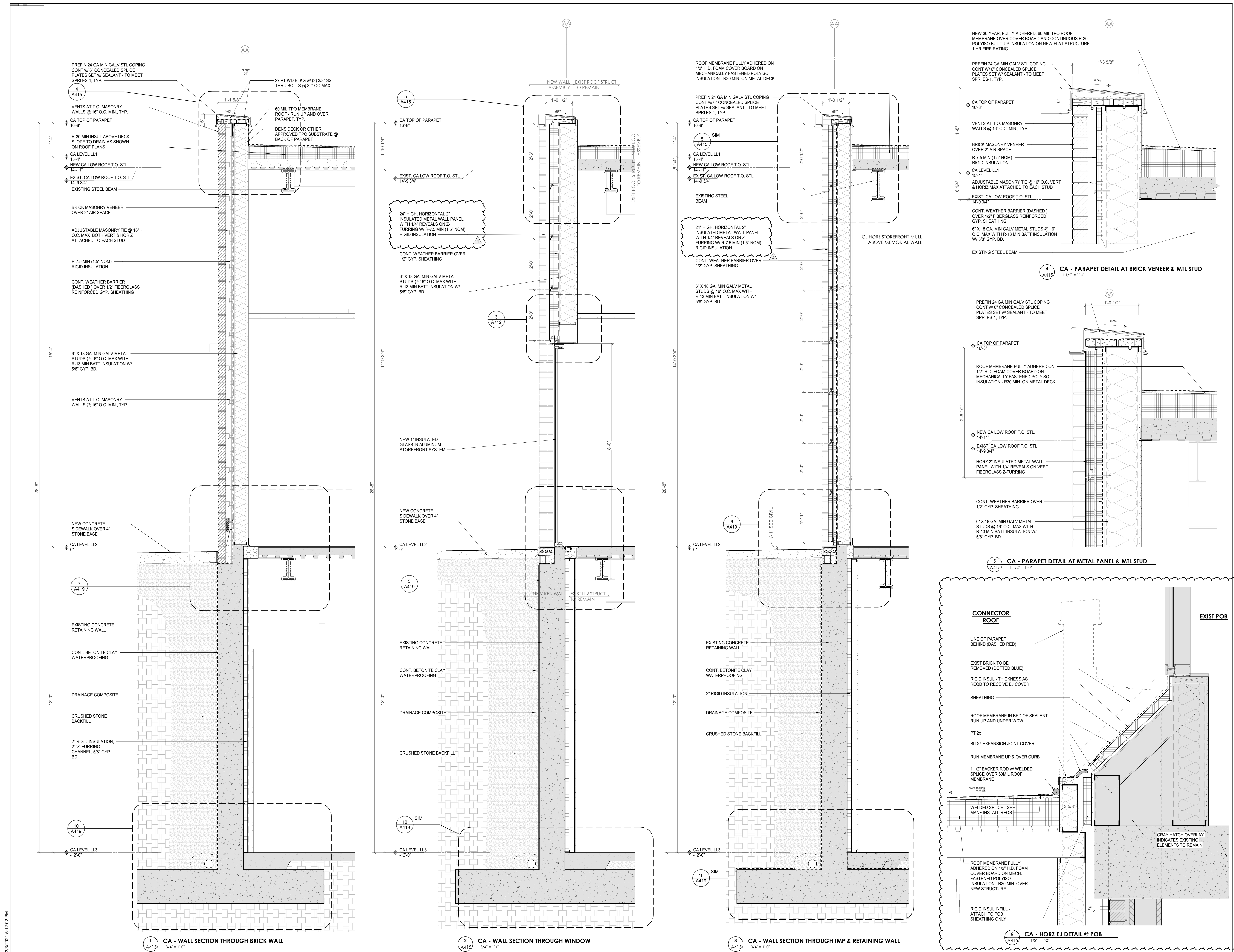
#	ISSUE	DATE
4	ADD #M.1	03/03/21

Issue Date: FEBRUARY 01, 2021
 PIC: DAVID COLLINS
 PM: JOHN THURMAN
 PA: LAUREN BUSH /
 Drawn By: JW
 Checked By: BP

Drawing Info:

A415

CA - NORTH EXT WALL SECTIONS / DTLS





Project Information:

19018

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Consultant:

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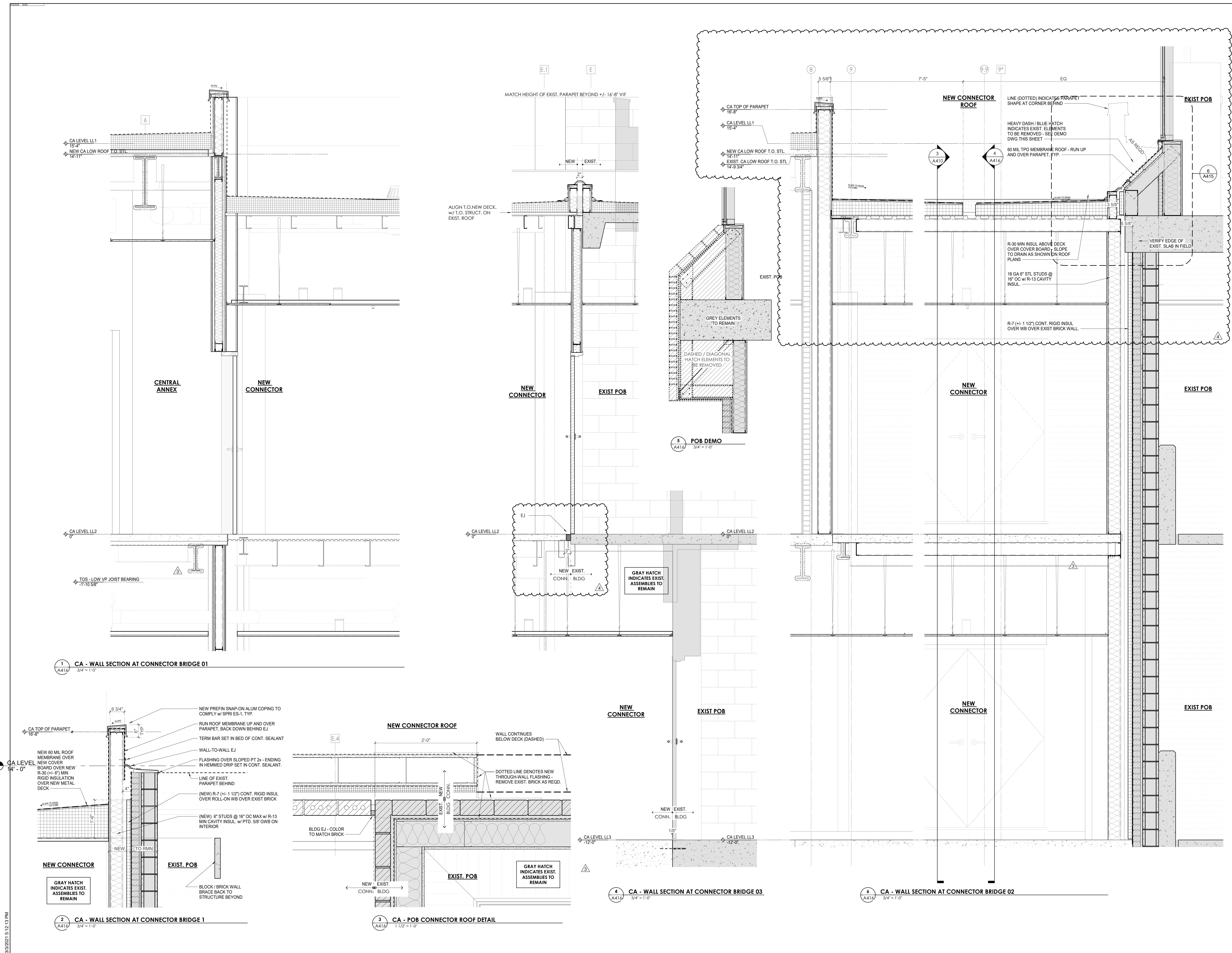
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4	ADD #04.1	03/03/21

Issue Date:	FEBRUARY 01, 2021
PK:	DAVID COLLINS
PM:	JOHN THURMAN
PA:	LAUREN BUSH /
Drawn By:	JW
Checked By:	BP

Drawing Info:

A416

CA - CONNECTOR WALL SECTIONS / DTLS



3/30/2021 5:12:13 PM



Project Information:

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COK PUBLIC SAFETY COMPLEX

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#	ISSUE	DATE
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4	ADD #4.1	03/03/21

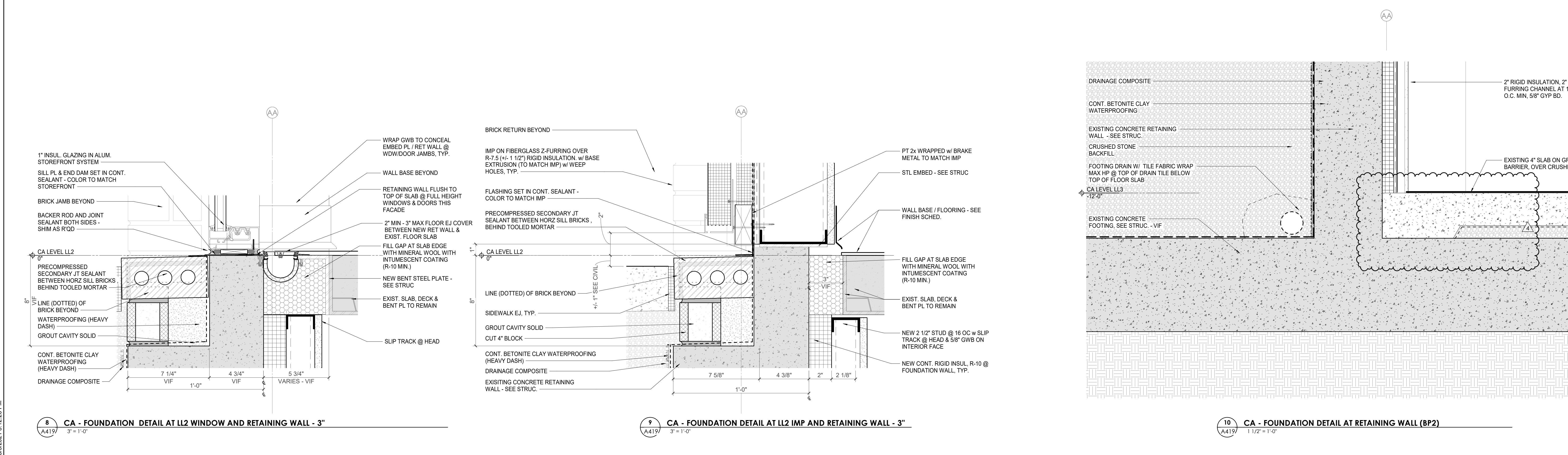
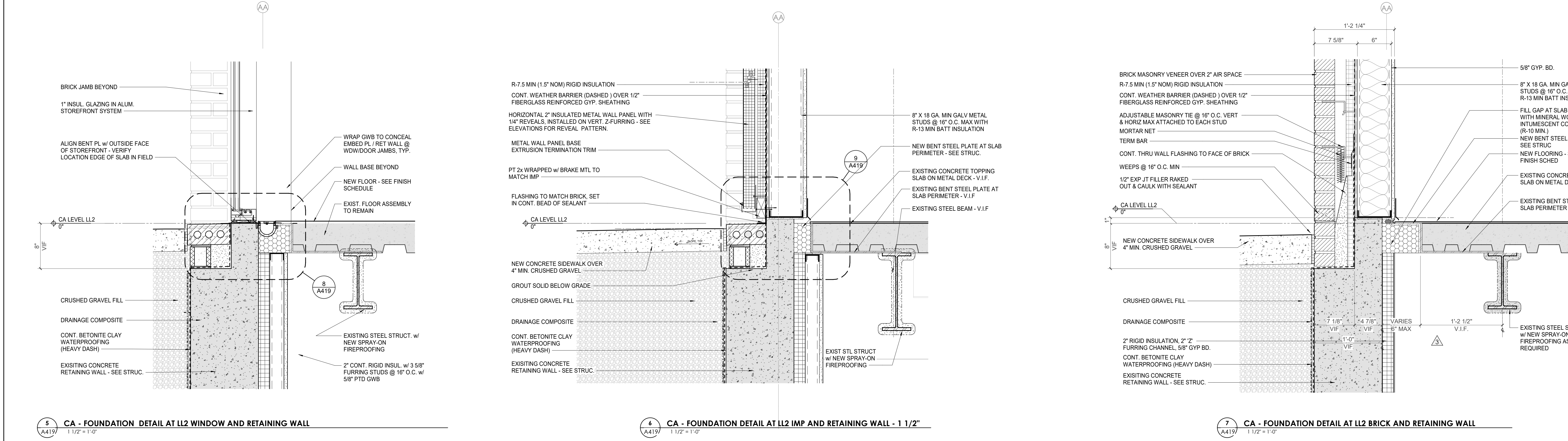
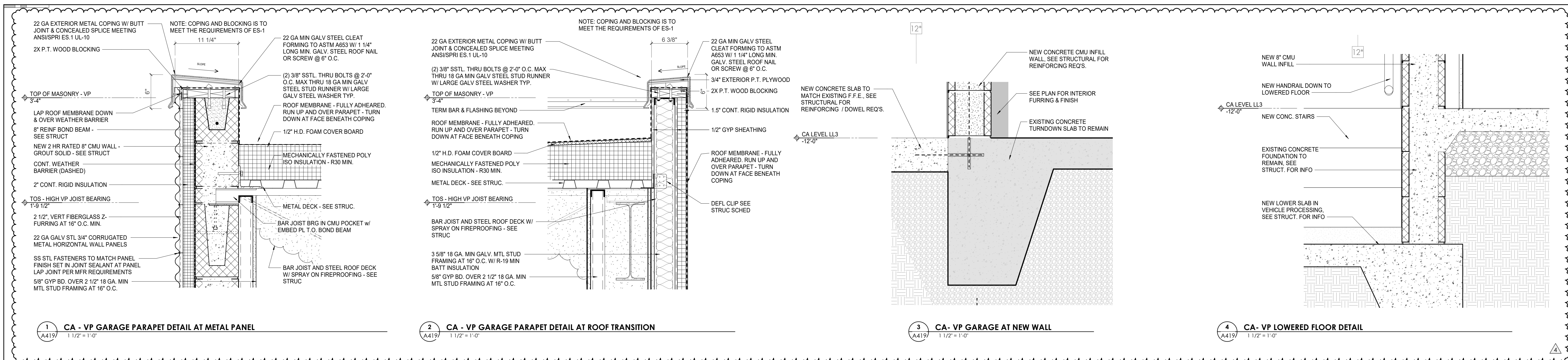
Issue Date: FEBRUARY 01, 2021
 PIC: DAVID COLLINS
 PM: JOHN THURMAN
 PA: LAUREN BUSH /
 Drawn By: Author
 Checked By: BP

Drawing Info:

A419

CA - DETAILS

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3/30/2021 5:12:26 PM



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#	ISSUE	DATE
4	ADD #04.1	03/03/21

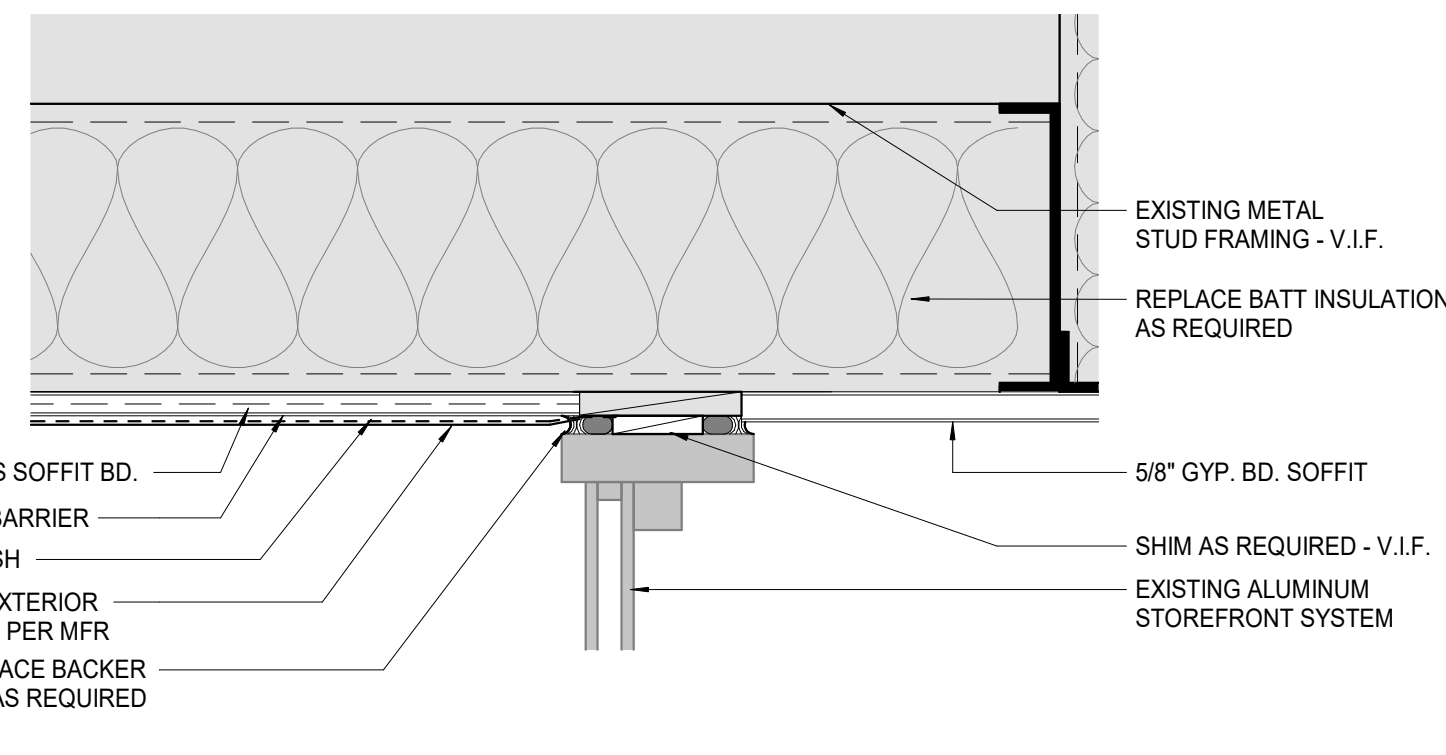
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PK:	DAVID COLLINS
PM:	JOHN THURMAN
PA:	LAUREN BUSH /
Drawn By:	Author
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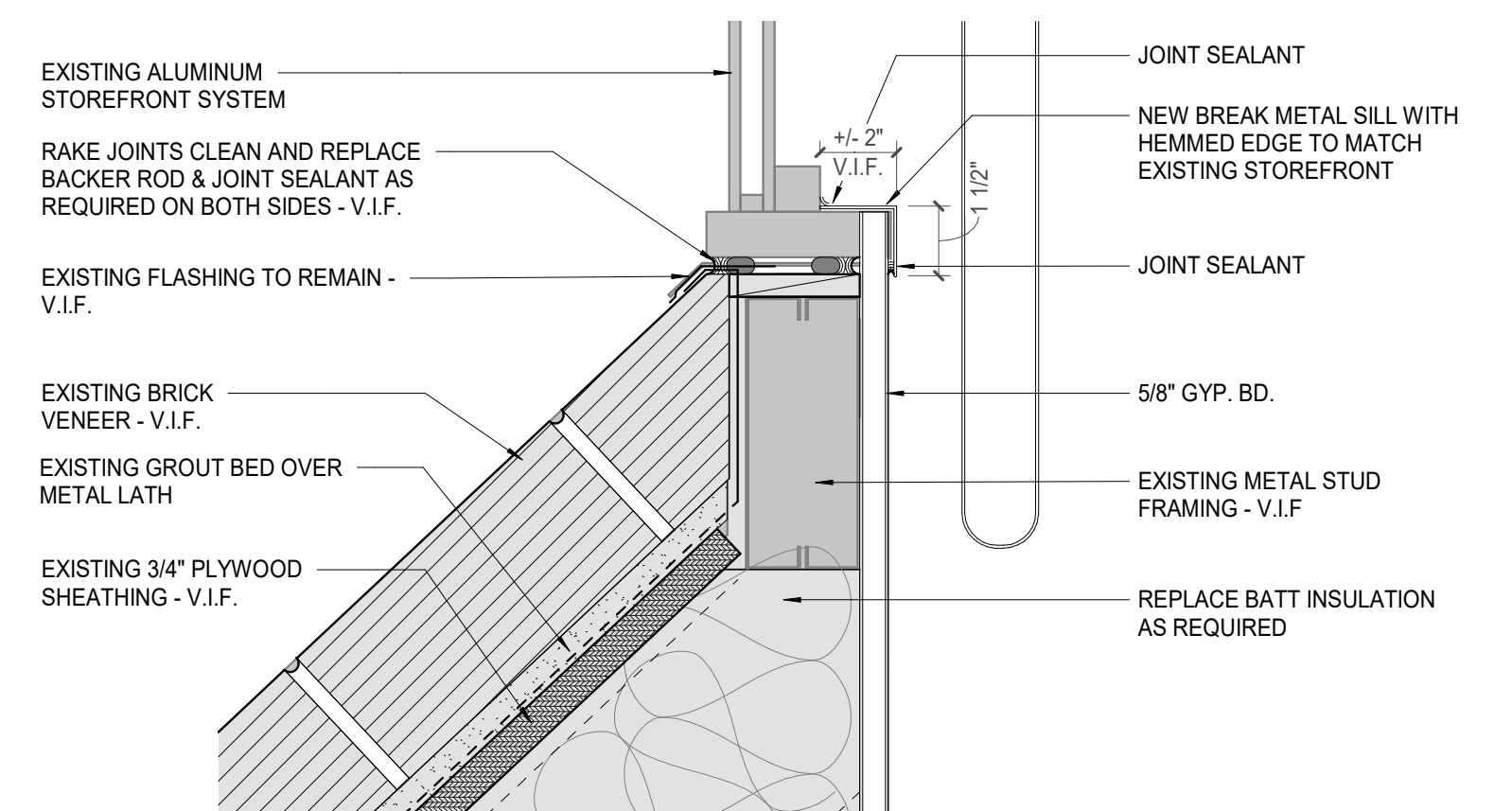
A421

WALL SECTIONS & DETAILS

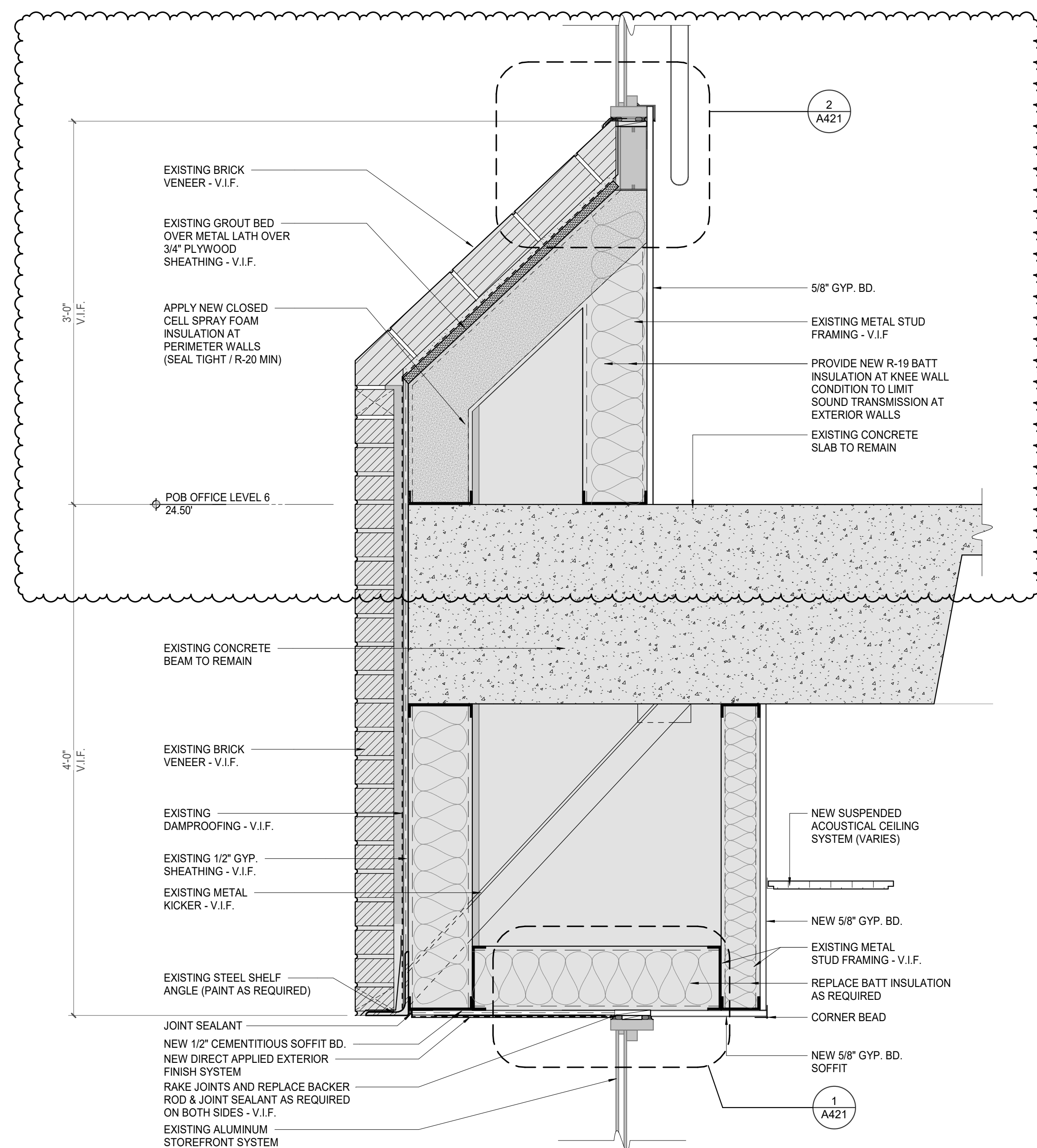
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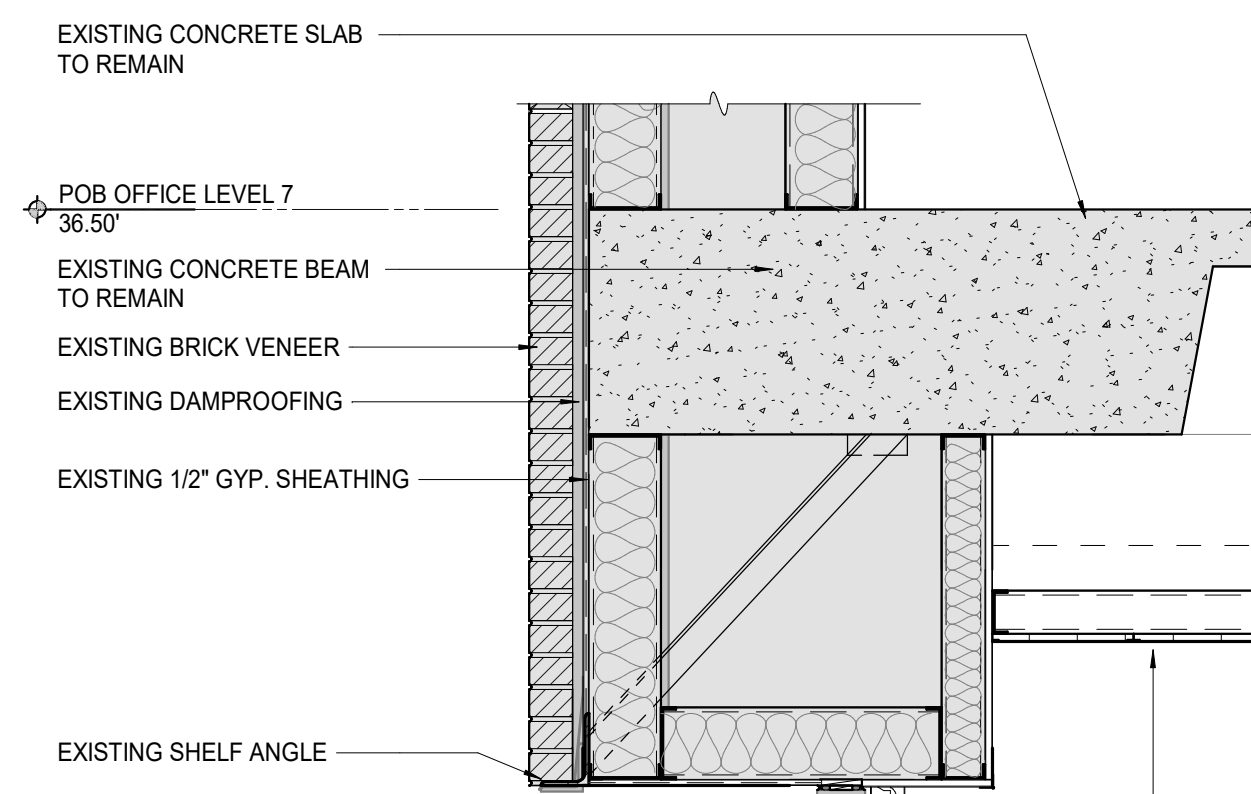
1 POB - TYPICAL DETAIL AT EXISTING STOREFRONT SOFFIT AND RECESSED WINDOWS
3" = 1'-0"



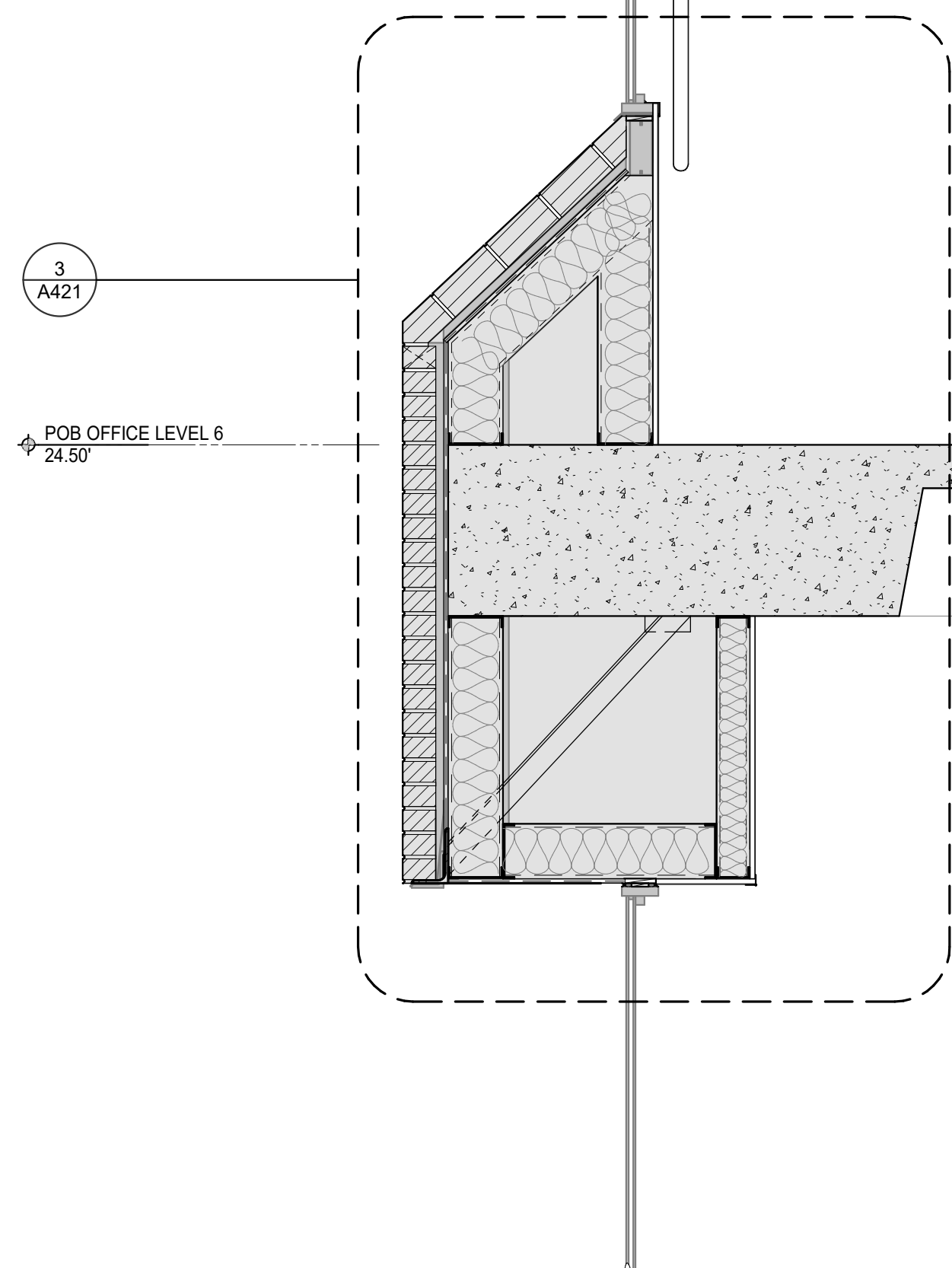
2 POB - TYPICAL DETAIL AT EXISTING STOREFRONT SILL AND ANGLED BRICK
3" = 1'-0"



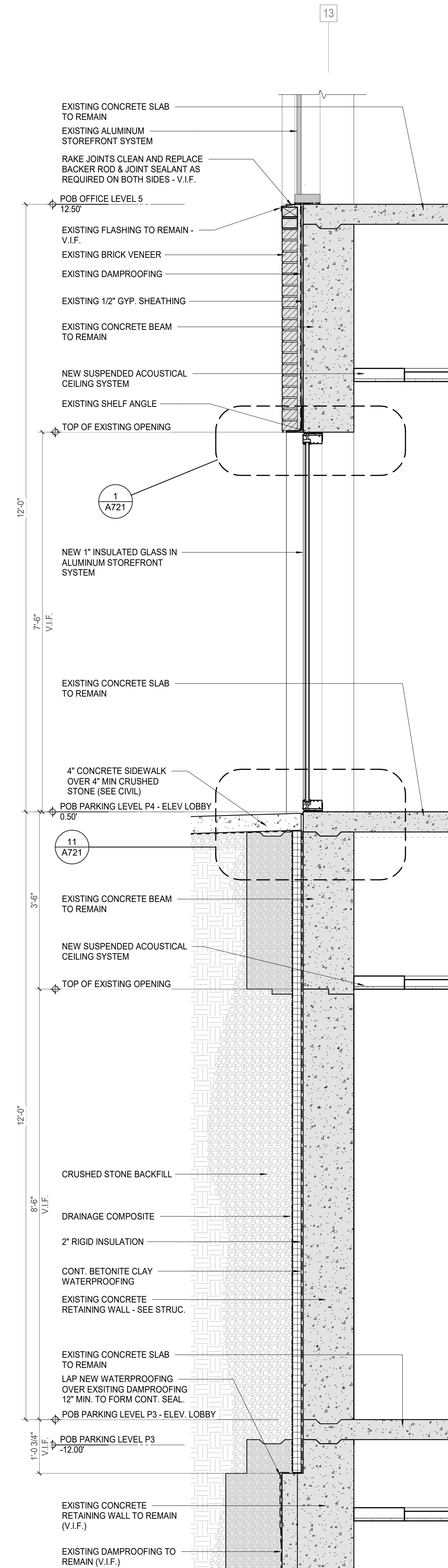
3 POB - TYPICAL DETAIL AT EXISTING STOREFRONT SOFFIT & SILL CONDITIONS
1 1/2" = 1'-0"



4 POB - TYPICAL WALL SECTION AT EXISTING EXTERIOR STOREFRONT
3/4" = 1'-0"



5 POB - WALL SECTION AT NEW RETAINING WALL
3/4" = 1'-0"



McCarthy Holsapple McCarthy, Inc.
550 W. Main St., Suite 300
Knoxville, TN 37902
1.865.544.2000
www.mhminc.com



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PIC: DAVID COLLINS
PM: JOHN THURMAN
PA: LAUREN BUSH /
Drawn By: Author
Checked By: B. PIERCY

Drawing Info:

A501

WP - WOMENS PAVILION PLAN DETAILS



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4	ADD #M.1	03/03/21

Issue Date: FEBRUARY 1, 2021
 PIC: DAVID COLLINS
 PM: JOHN THURMAN
 PA: LAUREN BUSH /
 Drawn By: M LABBE
 Checked By: B. PIERCY

Drawing Info:

A601

WP - STAIR PLANS & DETAILS

NOTES - CA EXISTING STAIR RENOVATION SCOPE

PER INTERNATIONAL EXISTING BUILDING CODE 503.1 EXCEPTIONS:

1. An existing stairway shall not be required to comply with the requirements of Section 1011.1 of the International Building Code where the existing space and construction does not allow a reduction in pitch or slope.
2. Handrails otherwise required to comply with Section 1011.11 of the International Building Code shall not be required to comply with the requirements of Section 1014.6 of the International Building Code regarding full extension of the handrails where such extensions would be hazardous because of plan configuration.

PER IBC 1011-1015, REQUIRED STAIR DIMENSIONS:

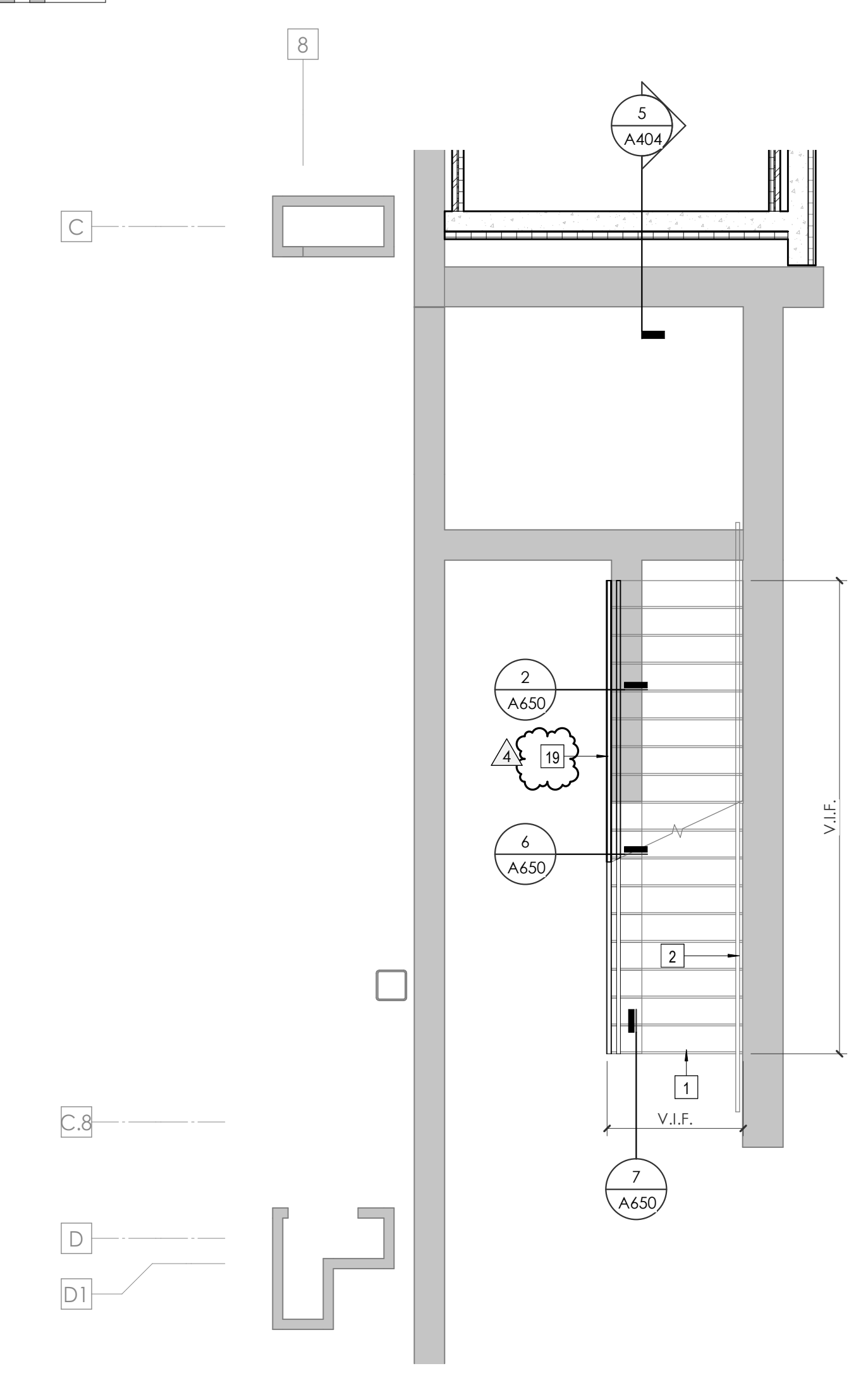
1. IBC 1011.5.2 - Risers shall be 4"-7" tall, tread depths 11" min. Note: existing stairs in Central Annex verified to meet req's.
2. IBC 2018 1014.2 - Existing handrails to remain in all locations. Note: in Central Annex verified to meet vertical height requirement 34"-38" above stair nosing.
3. IBC 2018 1014.6 - Handrail extensions not less than 12" beyond top riser, one tread length below bottom tread.
4. IBC 2018 1015.4 - Required guards shall not have openings that allow passage of a sphere 4" in diameter from the walking surface to the required guard height.

GENERAL NOTES:

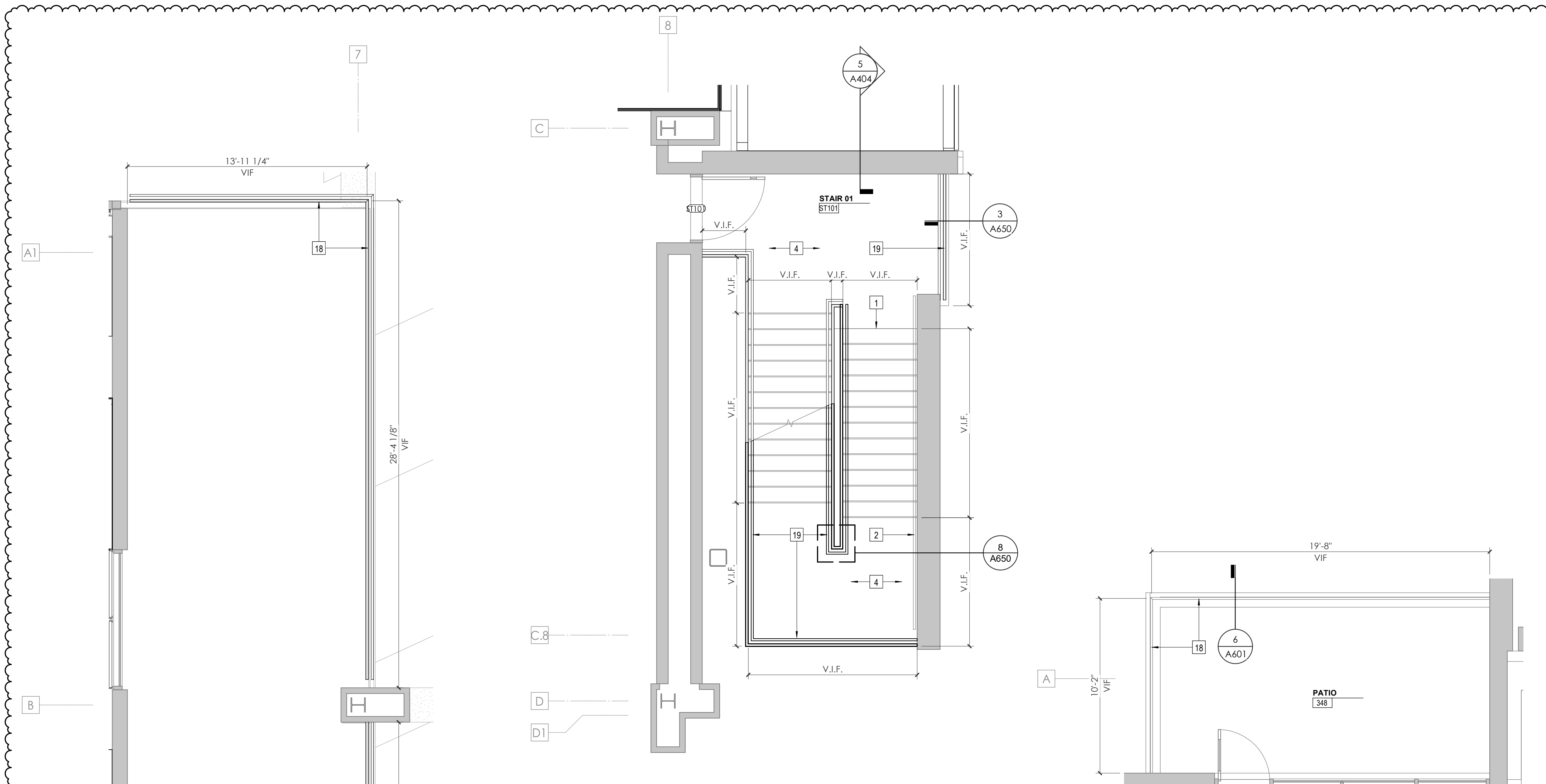
5. All stairs on Central Annex (CA) are noted as existing stairs to remain. Plans are given for general information and location only. New stairs are noted as such. Contractor to verify all dimensions of existing stairs prior to beginning work, notify architect of non-conforming stairs or handrails.
6. All existing handrails, walls, bare metal pipes, exposed structure, & exposed handrails to be cleaned & painted, see finish plans and schedules for info.

KEYNOTES - VERTICAL CIRCULATION

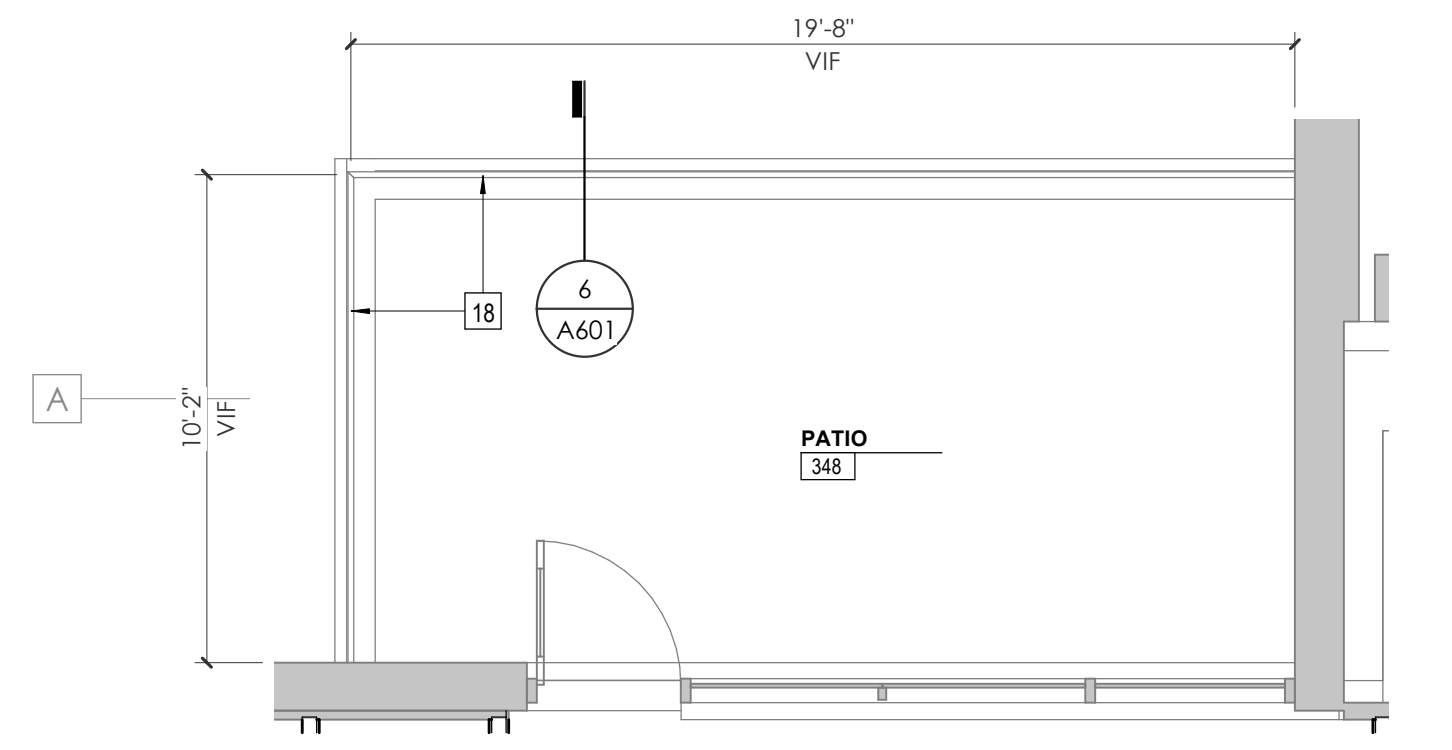
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1	EXISTING STAIR TO REMAIN, CONTRACTOR TO CLEAN, PREP & PAINT
2	EXISTING HANDRAIL TO REMAIN, CONTRACTOR TO CLEAN, PREP & PAINT, SEE FINISH PLANS FOR INFO
3	EXISTING GUARDRAIL TO REMAIN, CONTRACTOR TO CLEAN, PREP & PAINT, SEE FINISH PLANS FOR INFO
4	EXISTING STAIR LANDINGS TO REMAIN, CONTRACTOR TO CLEAN, PREP & PAINT, SEE FINISH PLANS FOR INFO
5	NEW ALUMINUM ACCESS LADDER TO HATCH AT LOW ROOF. SEE ACCESS LADDER ELEVATION & HATCH DETAIL FOR INFO
6	LOCATION OF NEW DRYER POWER UNIT - SEE ELEVATOR CONTRACTOR REPAIR & REPLACEMENT REQ'S
7	CONTRACTOR TO REMOVE EXISTING ELEVATOR EQUIPMENT, CONTROLS, & HYDRAULIC PISTON ELEVATOR. REPLACE WITH NEW 4-STOP HYDRAULIC ELEVATOR. CONTRACTOR TO PROVIDE NEW INTERIOR FINISHES, SEE INTERIOR ELEVATIONS.
8	STEEL STRUCTURAL RAILS & CAR TO REMAIN, CONTRACTOR TO REFURBISH ELEVATOR EQUIPMENT & SYSTEMS. CONTRACTOR TO PROVIDE NEW INTERIOR FINISHES. SEE INTERIOR ELEVATIONS
9	EXISTING DOOR FRAME & ELEVATOR DOOR TO REMAIN. SEE ELEVATIONS & DETAIL FOR NEW SURROUND, TYP. ALL ELEVATOR LOCATIONS.
10	NEW HOLLOW METAL ELEVATOR FRAME & DOOR, TO MATCH EXISTING WITH MTL STUD & SOLID SURFACE SURROUND, TYP. ALL ELEVATOR LOCATIONS.
11	CONTRACTOR TO REMOVE EXISTING ELEVATOR EQUIPMENT, CONTROLS, & HYDRAULIC PISTON ELEVATOR. REPLACE WITH NEW 4-STOP HYDRAULIC ELEVATOR. CONTRACTOR TO VERIFY EQUIPMENT & ACCESSORIES REQUIRED
12	CONTRACTOR TO REMOVE EXISTING HANDRAIL AND GUARDRAIL (PAINTED), SEE RAIL DETAILS SHEET A650
13	REMOVE DOOR FRAME & ELEVATOR DOOR, MTL STUD, MTL STUD FRAMING & GYP. BD. FINISH, TO MATCH EXISTING ADJACENT.
14	ELEVATOR TO BE DECOMMISSIONED & TAKEN OFFLINE AS REQ'D.
15	EXISTING ELEVATOR DOOR & FRAME TO REMAIN. CONTRACTOR TO CLEAN & PREP AS REQ'D.
16	NEW SOLID SURFACE DETAILS SURROUND AT ALL INTERIOR ELEVATOR OPENINGS.
17	STEEL STRUCTURAL RAILS & CAR TO REMAIN, CONTRACTOR TO PROVIDE NEW SURROUND AS REQ'D.
18	CONTRACTOR TO REMOVE EXISTING GUARD RAIL AND PROVIDE NEW GALVANIZED STEEL PIPE GUARDRAIL (PAINTED), SEE RAIL DETAILS SHEET A655
19	CONTRACTOR TO REMOVE EXISTING HANDRAIL AND GUARDRAIL (PAINTED), SEE RAIL DETAILS SHEET A650



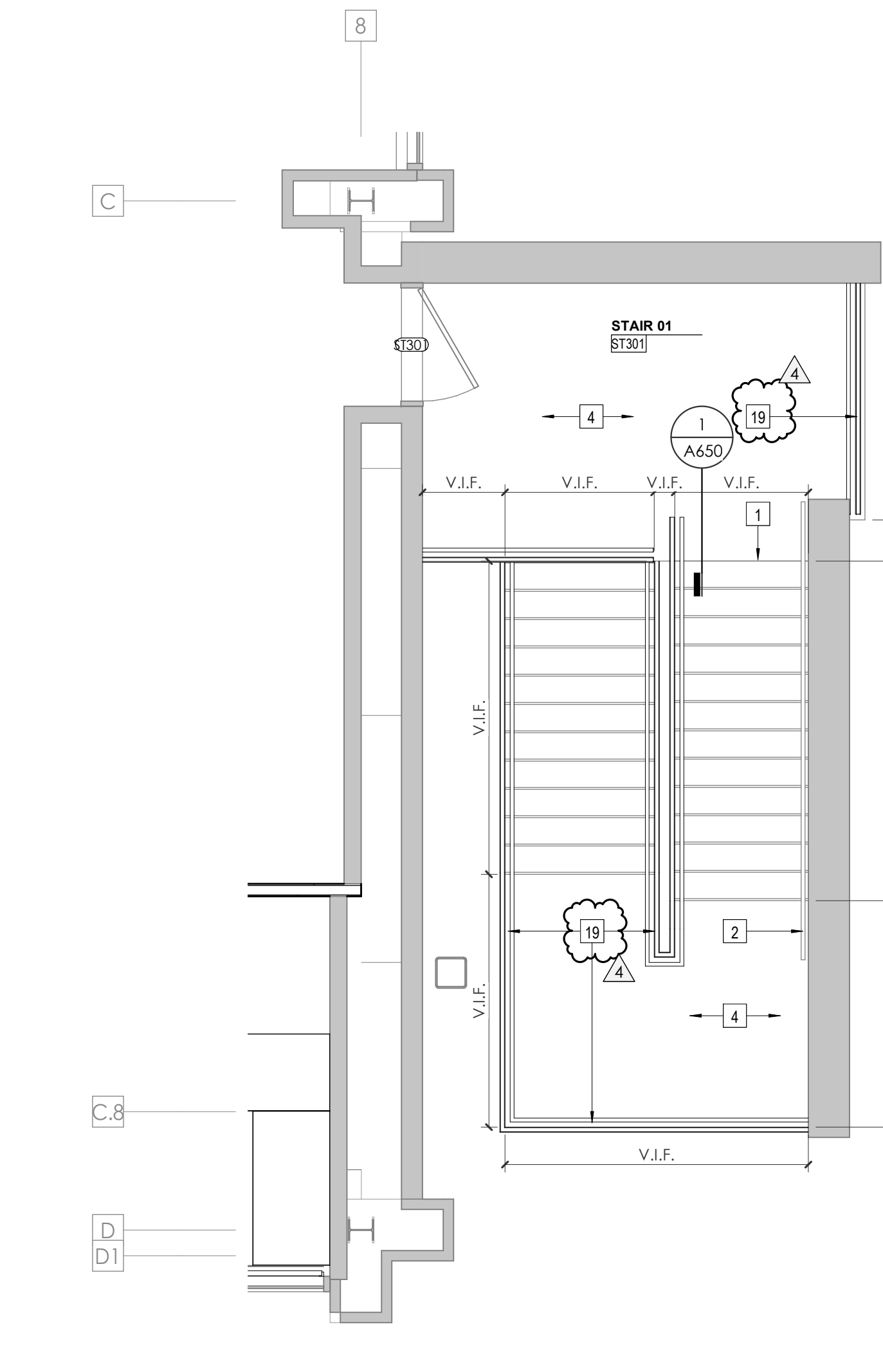
1 ALLEY LEVEL - STAIR 1
1/4" = 1'-0"



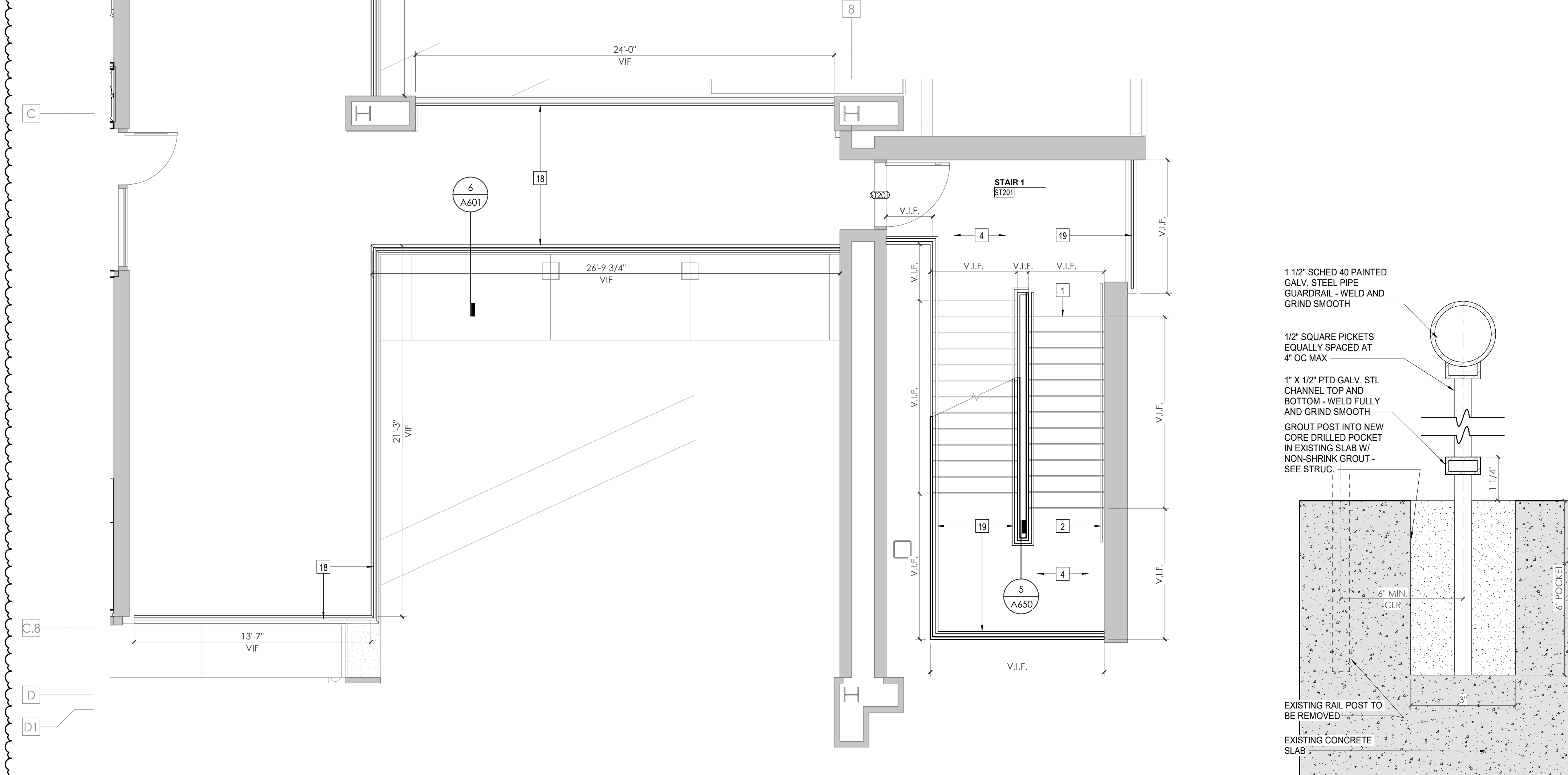
2 FIRST FLOOR - STAIR 1
1/4" = 1'-0"



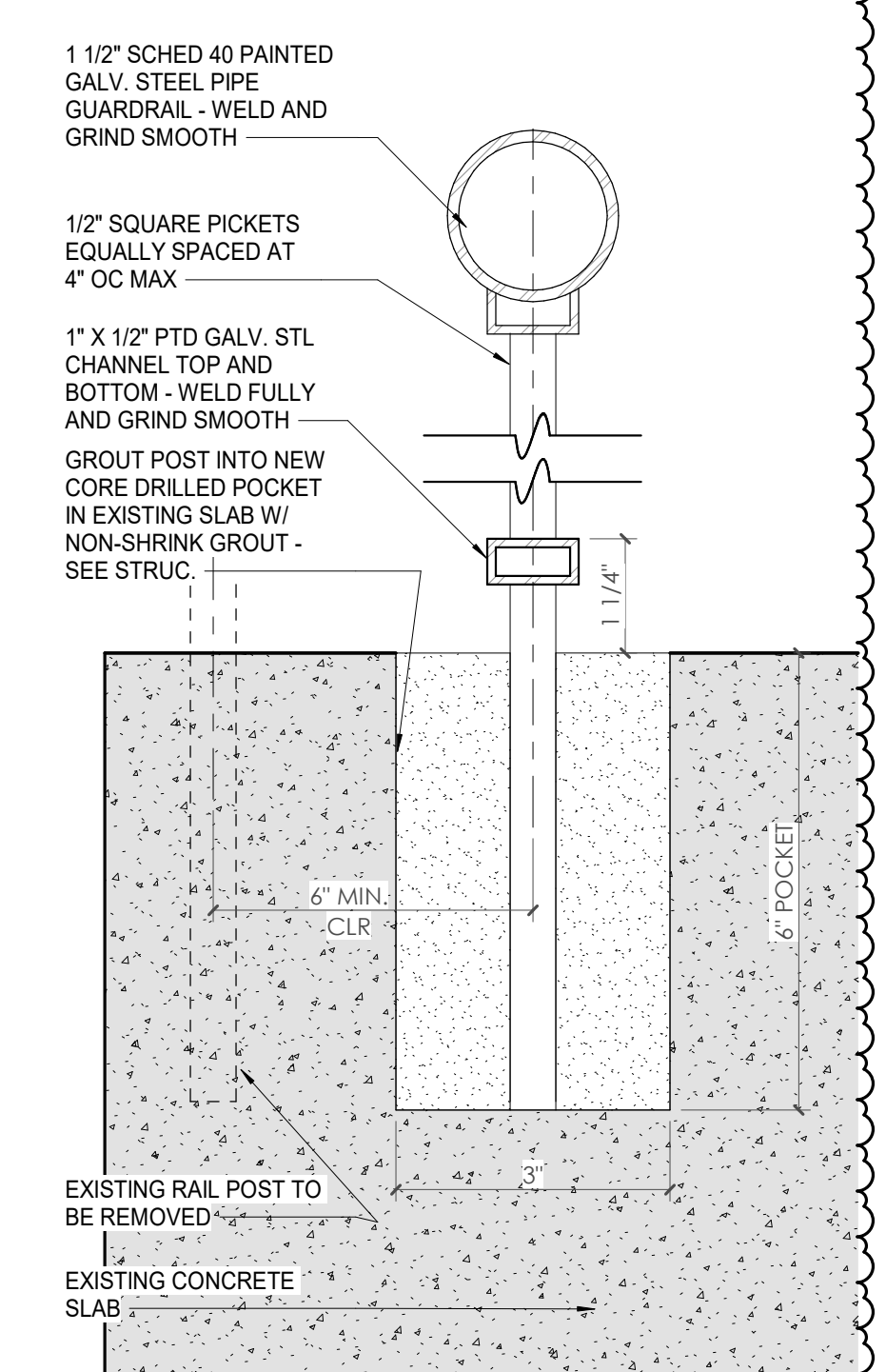
5 WP THIRD FLOOR - PATIO GUARD RAIL
1/4" = 1'-0"



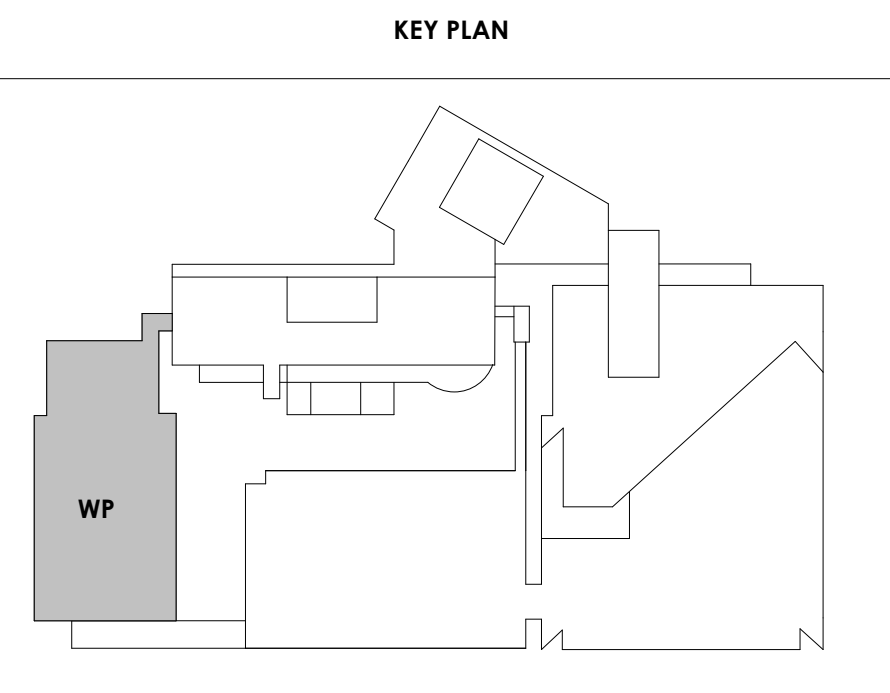
4 THIRD FLOOR - STAIR 1
1/4" = 1'-0"



3 SECOND FLOOR - STAIR 1
1/4" = 1'-0"



6 TYPICAL EXTERIOR GUARD DETAIL
6" = 1'-0"





Project Information:

19018

COK SAFETY BUILDING

900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:

Architects Design Group

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4	ADD #M.1	03/03/21

Issue Date: FEBRUARY 1, 2021
 PIC: DAVID COLLINS
 PM: JOHN THURMAN
 PA: LAUREN BUSH /
 Drawn By: M LABBE
 Checked By: B. PIERCY

Drawing Info:

A602

WP - STAIR PLANS & DETAILS

NOTES - CA EXISTING STAIR RENOVATION SCOPE

PER INTERNATIONAL EXISTING BUILDING CODE 503.1 EXCEPTIONS:

1. An existing stairway shall not be required to comply with the requirements of Section 1011.1 of the International Building Code where the existing space and construction does not allow a reduction in pitch or slope.
2. Handrails otherwise required to comply with Section 1011.11 of the International Building Code shall not be required to comply with the requirements of Section 1014.6 of the International Building Code regarding full extension of the handrails where such extensions would be hazardous because of plan configuration.

PER IBC 1011-1015, REQUIRED STAIR DIMENSIONS:

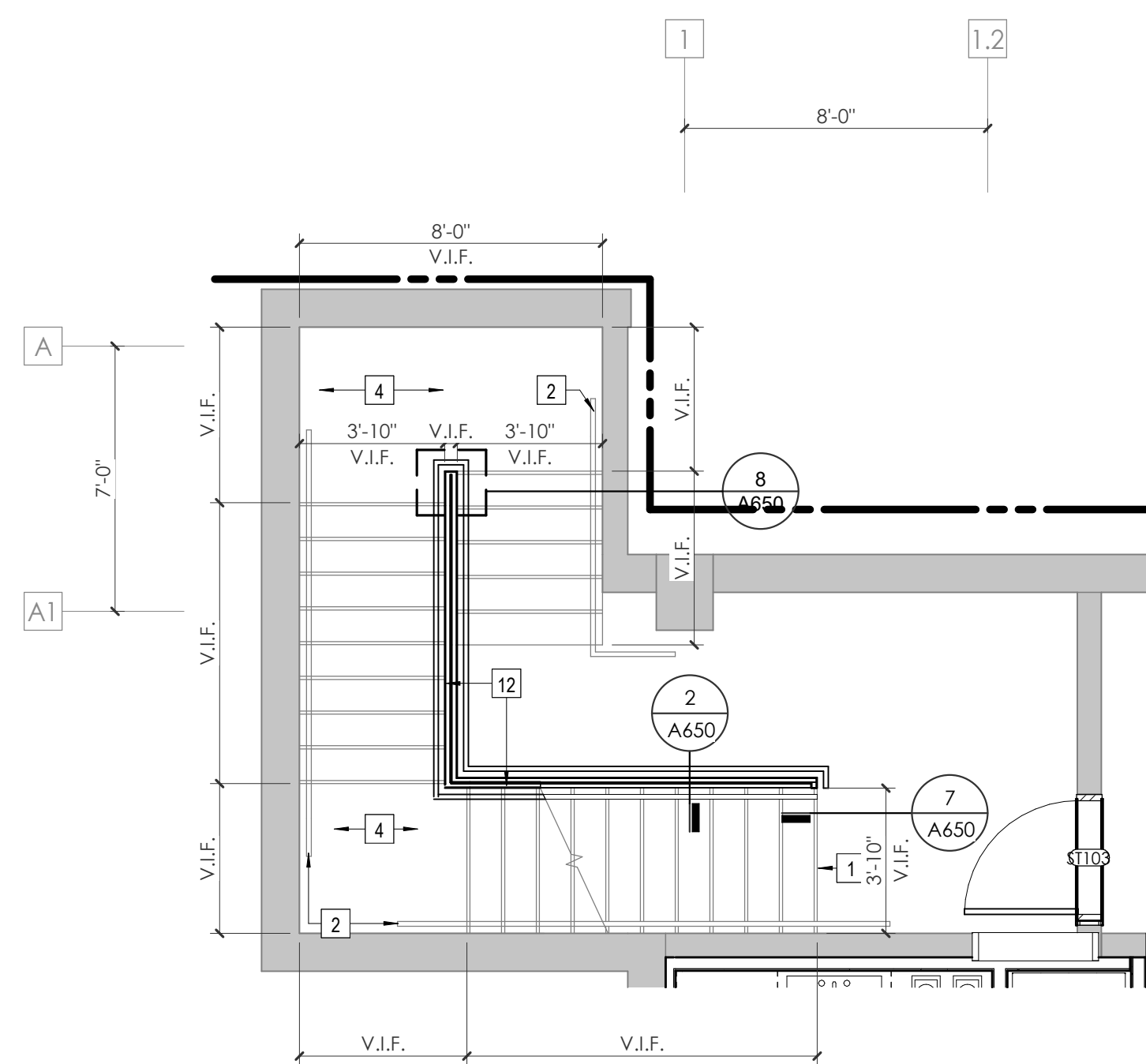
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4. IBC 2018 1015.4 - Required guards shall not have openings that allow passage of a sphere 4" in diameter from the walking surface to the required guard height.

GENERAL NOTES:

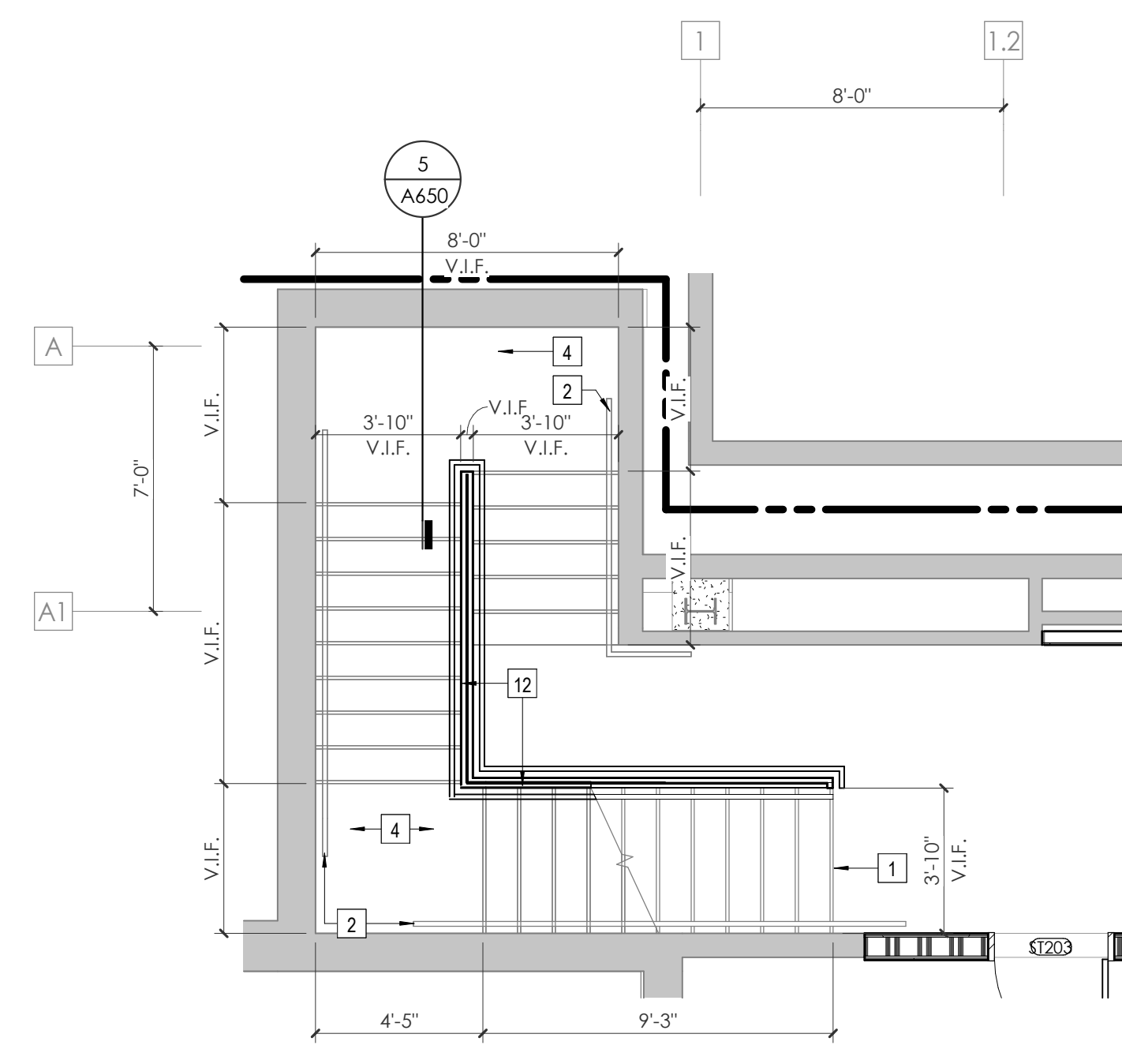
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KEYNOTES - VERTICAL CIRCULATION

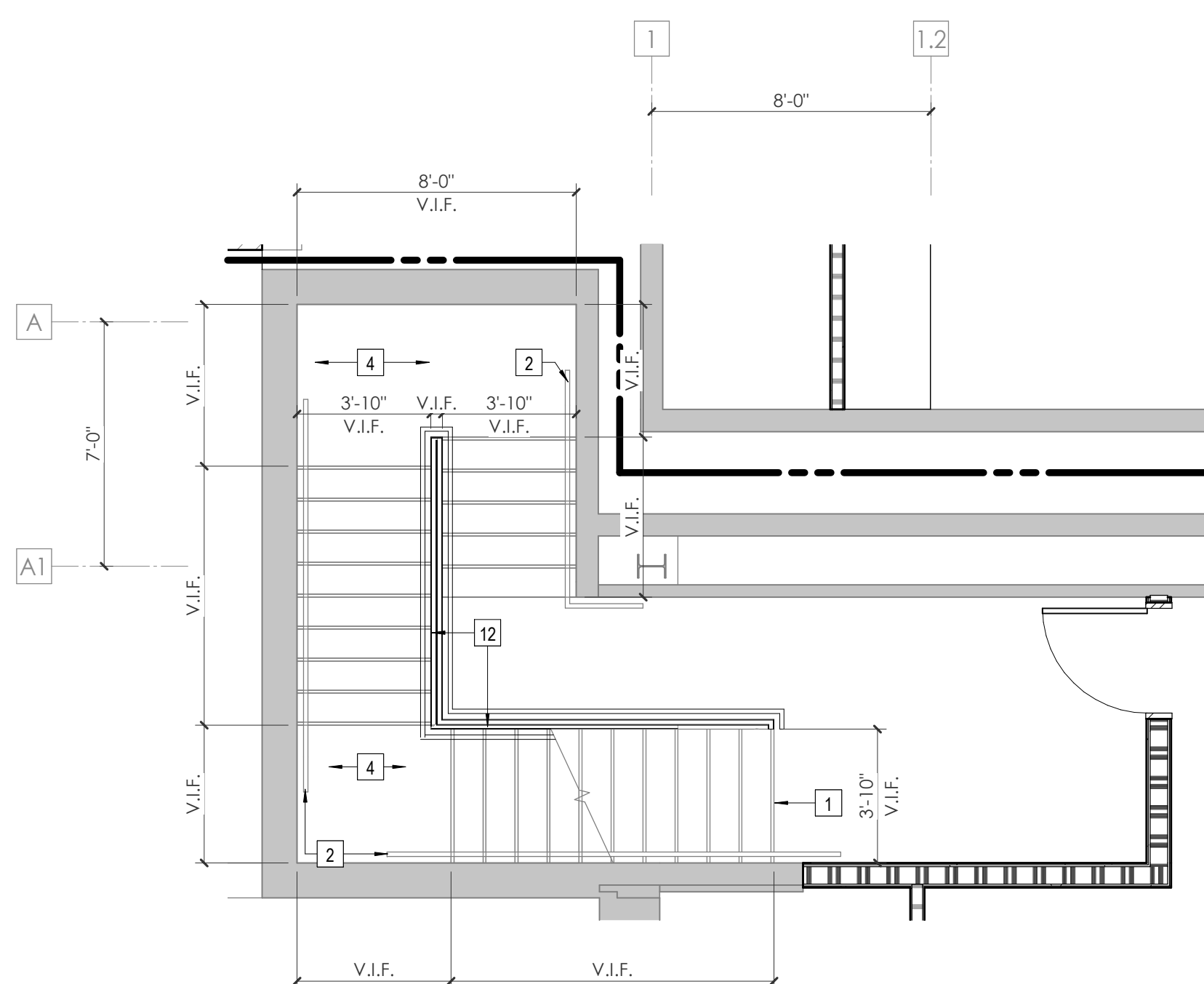
Tag	Text
1	EXISTING STAIR TO REMAIN, CONTRACTOR TO CLEAN, PREP & PAINT
2	EXISTING HANDRAIL TO REMAIN, CONTRACTOR TO CLEAN, PREP & PAINT, SEE FINISH PLANS FOR INFO
3	EXISTING GUARDRAIL TO REMAIN, CONTRACTOR TO CLEAN, PREP & PAINT, SEE FINISH PLANS FOR INFO
4	EXISTING STAIR LANDINGS TO REMAIN, CONTRACTOR TO CLEAN, PREP & PAINT, SEE FINISH PLANS FOR INFO
5	NEW ALUMINUM ACCESS LADDER TO HATCH AT LOW ROOF. SEE ACCESS LADDER ELEVATION & HATCH DETAIL FOR INFO.
6	LOCATION OF NEW DRYER POWER UNIT - SEE ELEVATOR CONTRACTOR REPAIR & REPLACEMENT REQ'S
7	CONTRACTOR TO REMOVE EXISTING ELEVATOR EQUIPMENT, CONTROLS, & HYDRAULIC PISTON ELEVATOR. REPLACE WITH NEW 4-STOP HYDRAULIC ELEVATOR. CONTRACTOR TO PROVIDE NEW INTERIOR FINISHES, SEE INTERIOR ELEVATIONS.
8	STEEL STRUCTURAL RAILS & CAR TO REMAIN, CONTRACTOR TO REFURBISH ELEVATOR EQUIPMENT & SYSTEMS. CONTRACTOR TO PROVIDE NEW INTERIOR FINISHES. SEE INTERIOR ELEVATIONS
9	EXISTING DOOR FRAME & ELEVATOR DOOR TO REMAIN. SEE ELEVATIONS & DETAIL FOR NEW SURROUND, TYP. ALL ELEVATOR LOCATIONS.
10	NEW HOLLOW METAL ELEVATOR FRAME & DOOR, TO MATCH EXISTING, WITH MTL STUD & SOLID SURFACE SURROUND, TYP. ALL ELEVATOR LOCATIONS.
11	CONTRACTOR TO REMOVE EXISTING ELEVATOR EQUIPMENT, CONTROLS, & HYDRAULIC PISTON ELEVATOR. REPLACE WITH NEW 4-STOP HYDRAULIC ELEVATOR. CONTRACTOR TO VERIFY EQUIPMENT & ACCESSORIES REQUIRED
12	CONTRACTOR TO REMOVE EXISTING HANDRAIL AND GUARDRAIL AND PROVIDE NEW STEEL PIPE HANDRAIL AND GUARDRAIL (PAINTED). SEE RAIL DETAILS SHEET A650
13	REMOVE EXISTING DOOR FRAME & ELEVATOR DOOR. INSTALL WITH NEW MTL STUD FRAMING & SYP. BD. FINISH TO MATCH EXISTING ADJACENT.
14	ELEVATOR TO BE DECOMMISSIONED & TAKEN OFFLINE AS REQ'D.
15	EXISTING ELEVATOR DOOR & FRAME TO REMAIN. CONTRACTOR TO CLEAN & PREP AS REQ'D.
16	NEW SOLID SURFACE DETAILS SURROUND AT ALL INTERIOR ELEVATOR OPENINGS.
17	STEEL STRUCTURAL RAILS & CAR TO REMAIN, CONTRACTOR TO PROVIDE NEW SURROUND, TYP. ALL ELEVATOR LOCATIONS.
18	CONTRACTOR TO REMOVE EXISTING GUARDRAIL AND PROVIDE NEW GALVANIZED STEEL PIPE GUARDRAIL (PAINTED). SEE RAIL DETAILS SHEET A650
19	CONTRACTOR TO REMOVE EXISTING HANDRAIL AND GUARDRAIL AND PROVIDE NEW GALVANIZED STEEL PIPE HANDRAIL AND GUARDRAIL (PAINTED). SEE RAIL DETAILS SHEET A650



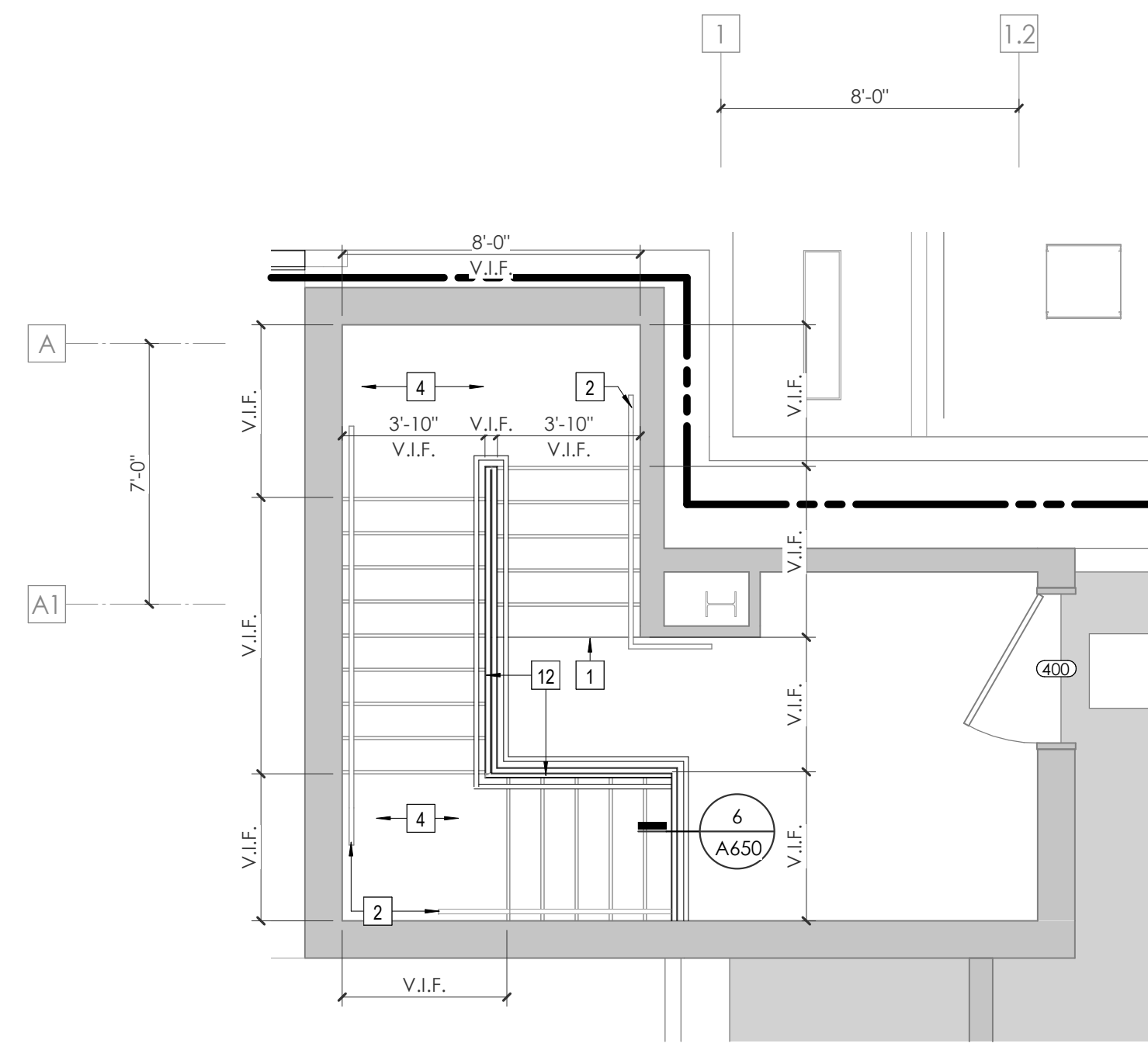
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1/4" = 1'-0"



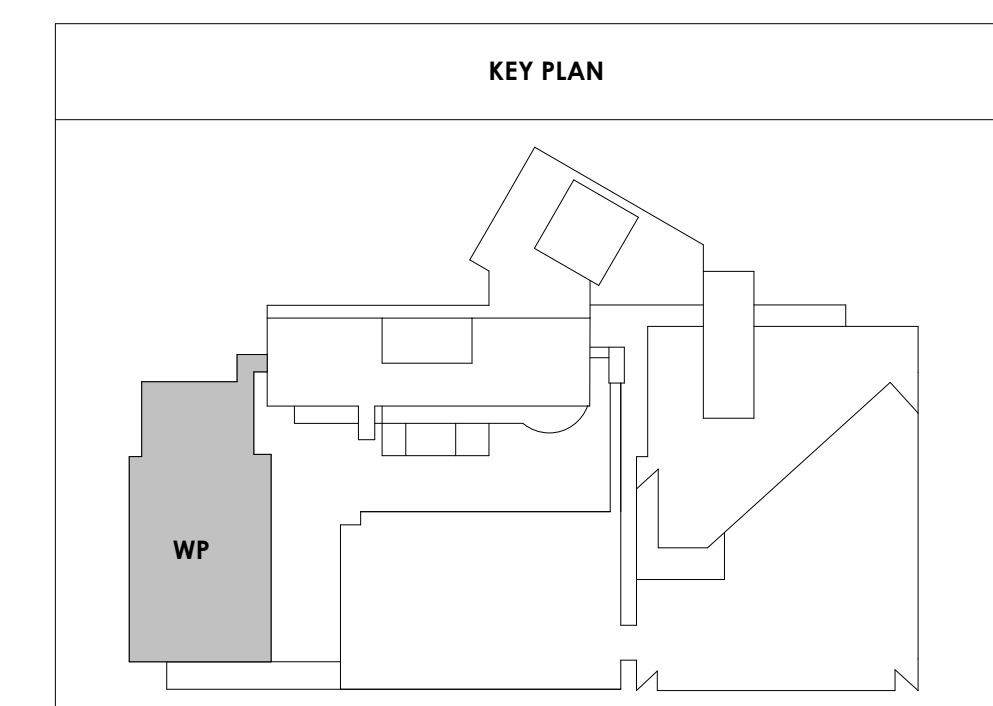
2 WP - SECOND FLOOR - STAIR 2
1/4" = 1'-0"



3 WP - THIRD FLOOR - STAIR 2
1/4" = 1'-0"



4 WP - PENTHOUSE - STAIR 2
1/4" = 1'-0"





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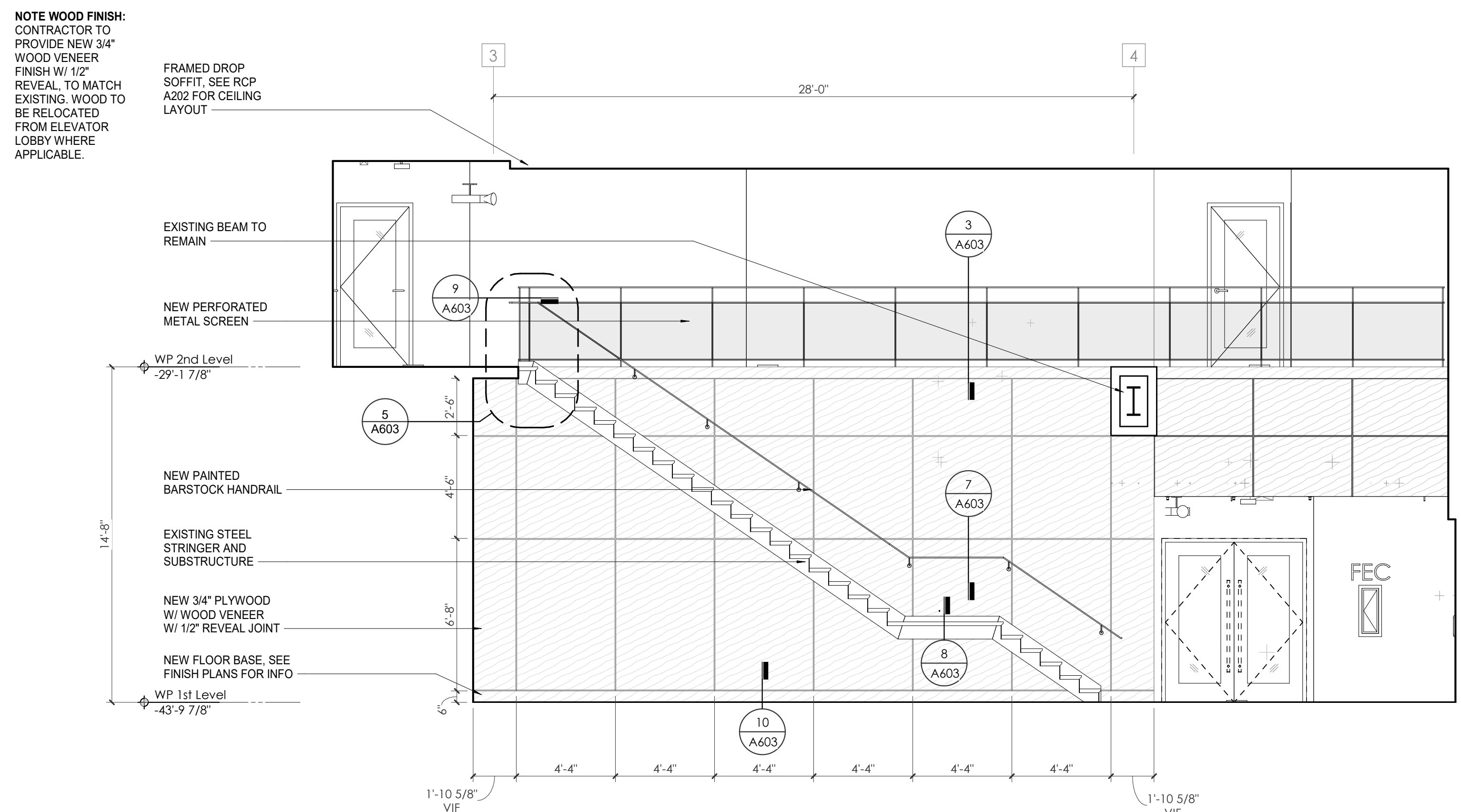
Issue Date:	FEBRUARY 1, 2021
PKC:	DAVID COLLINS
PM:	JOHN THURMAN
PA:	LAUREN BUSH /
Drawn By:	Author
Checked By:	B. PIERCY

Drawing Info:

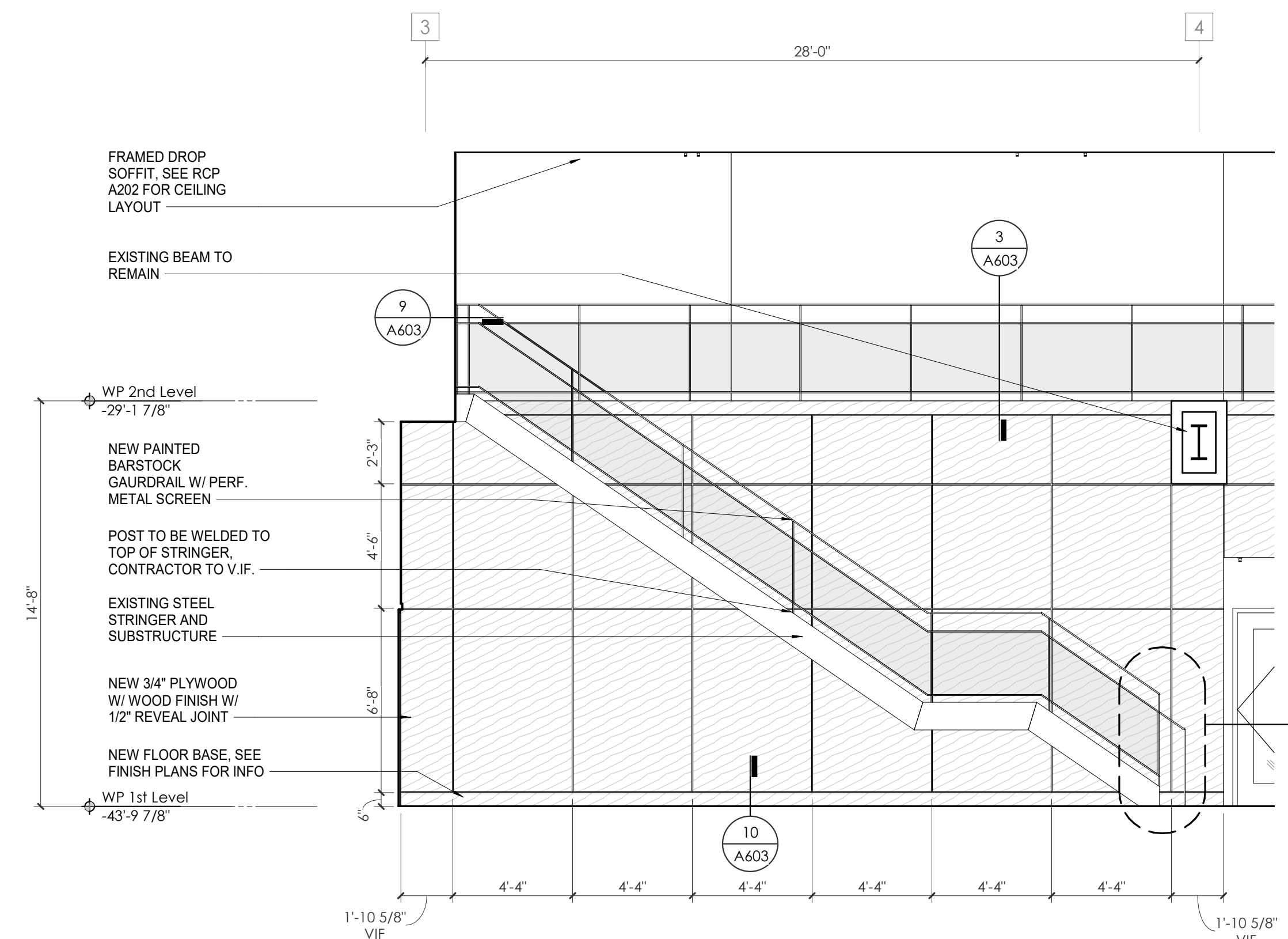
A603

WP - STAIR PLANS & DETAILS

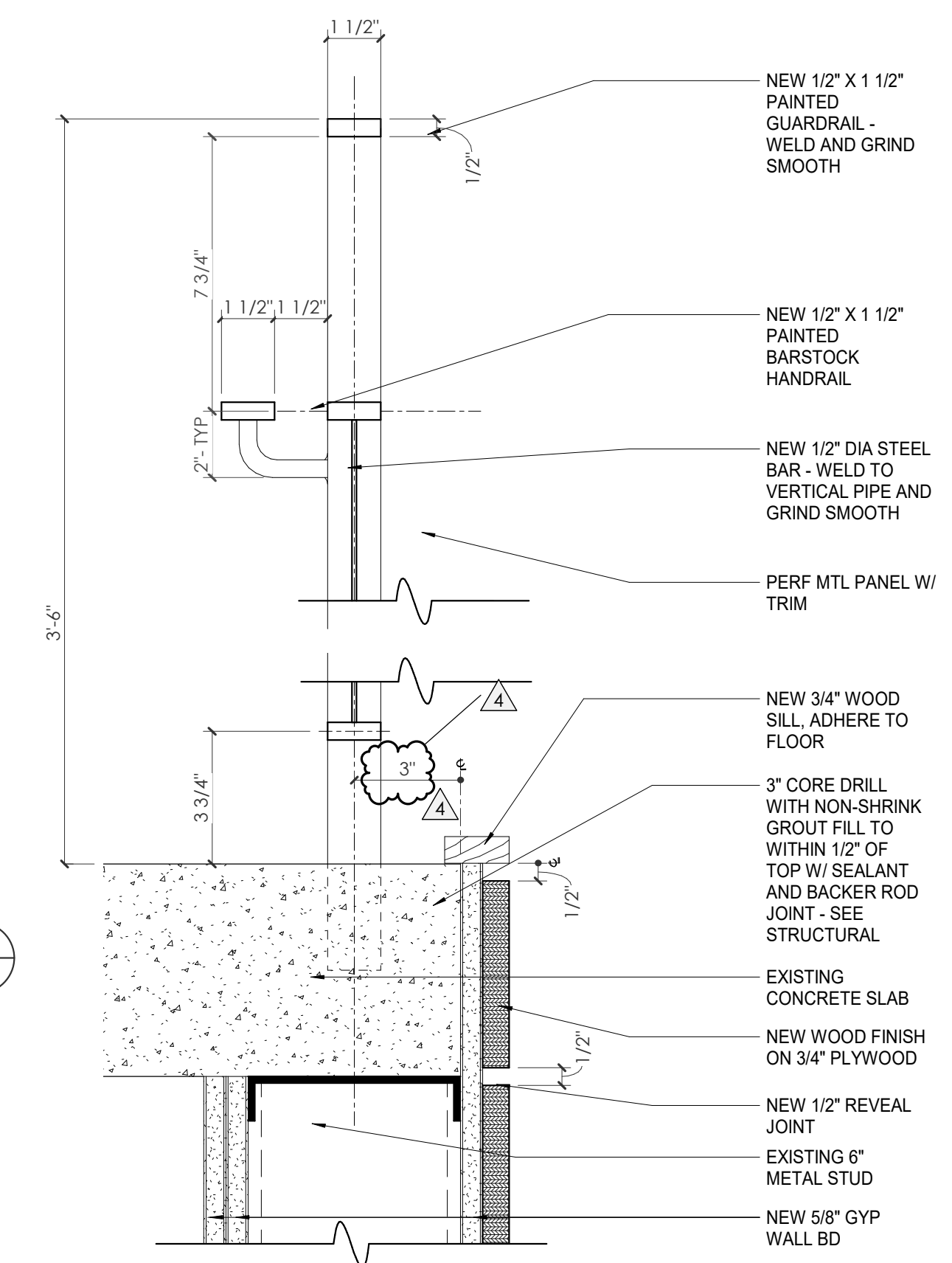
Copyright © 2019 McCarthy Holsapple McCarty



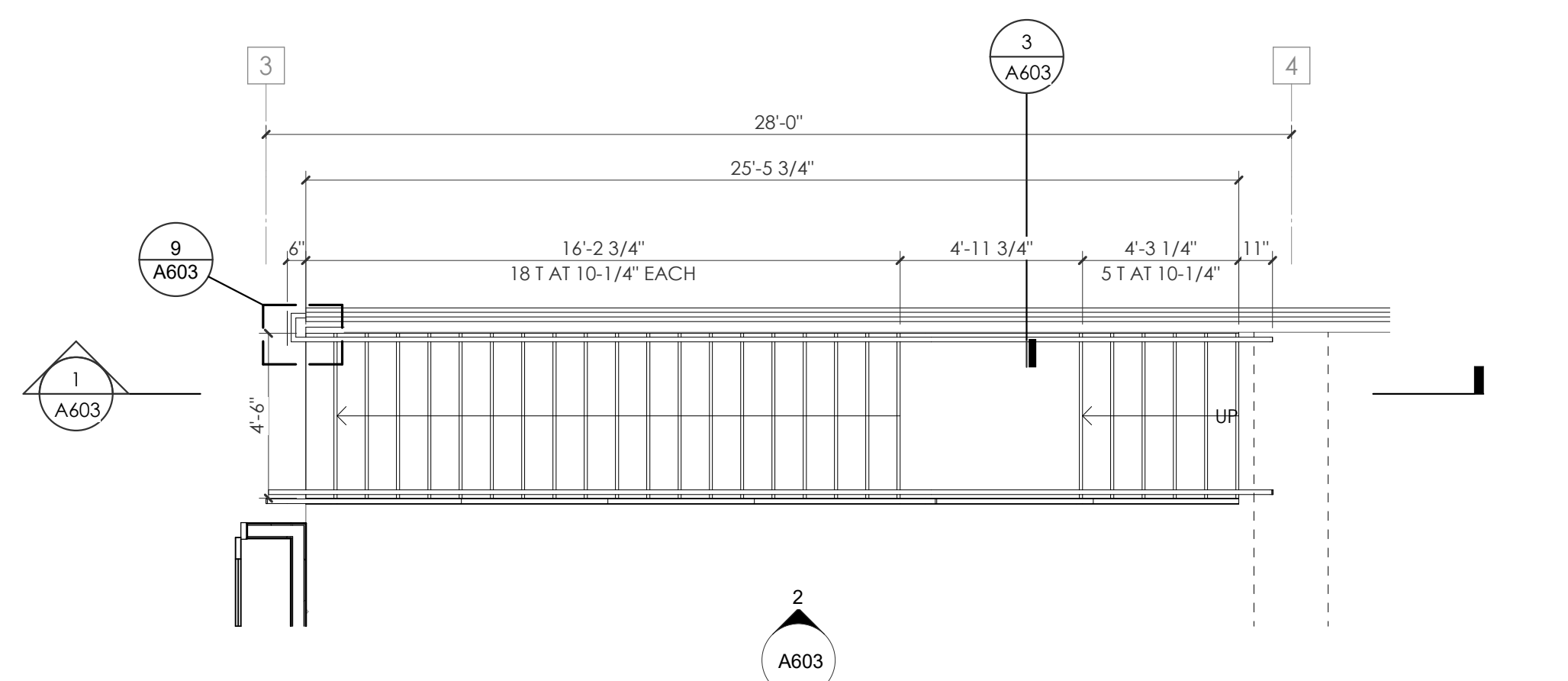
1 WP - SECTION THROUGH ATRIUM STAIR
1/4" = 1'-0"



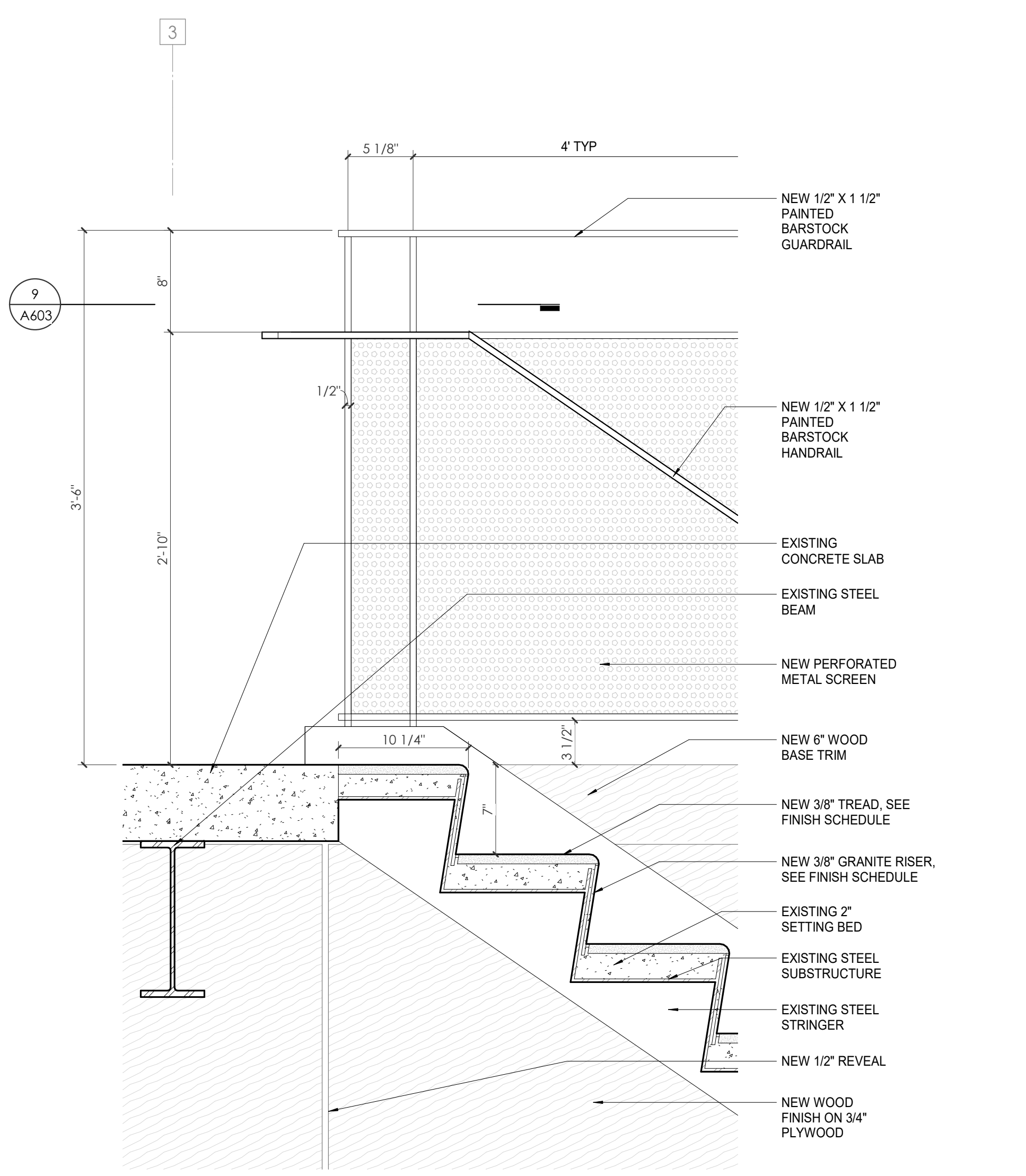
2 WP - ELEVATION @ ATRIUM STAIR 02
1/4" = 1'-0"



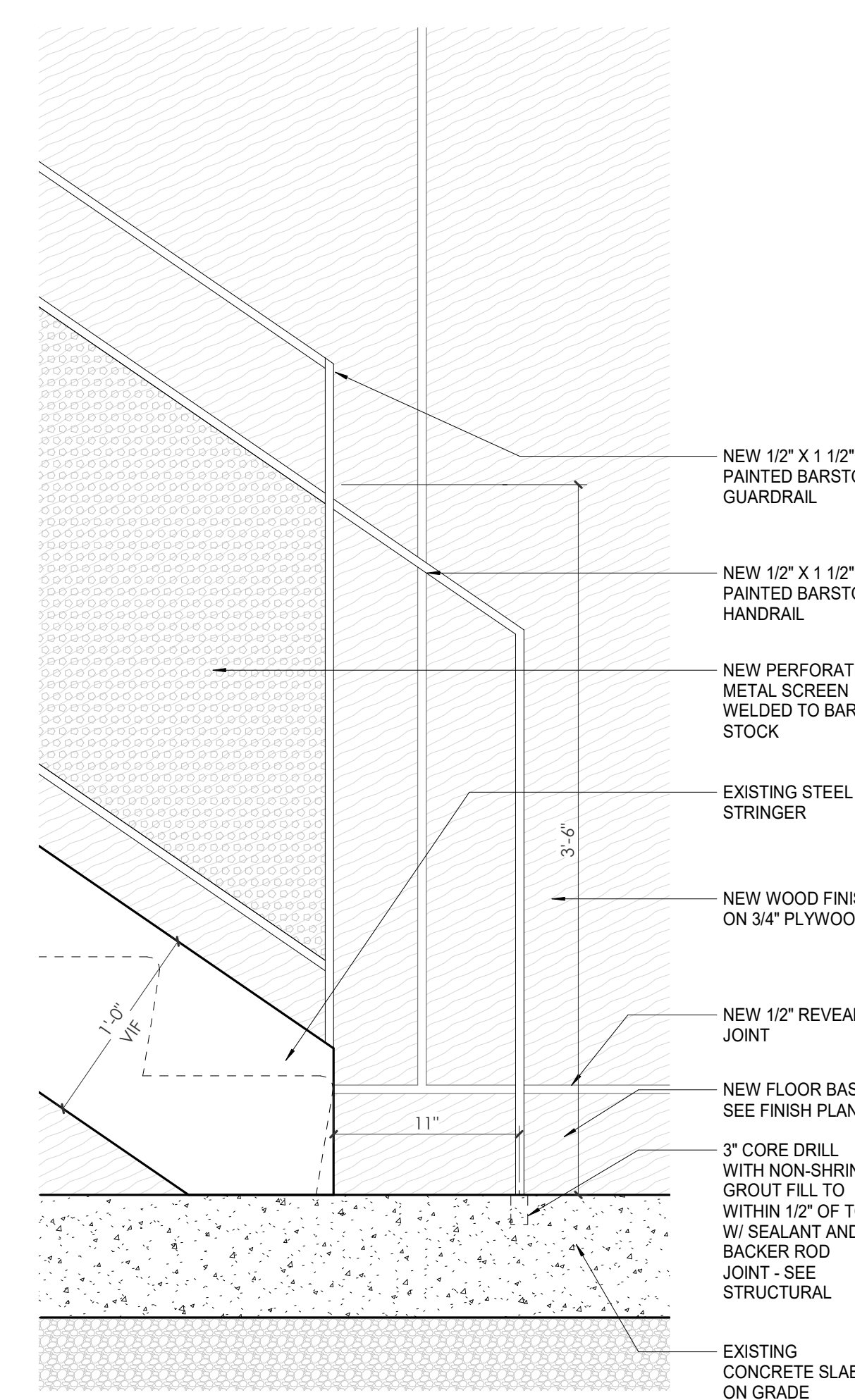
3 WP - SECTION @ GUARDRAIL
3" = 1'-0"



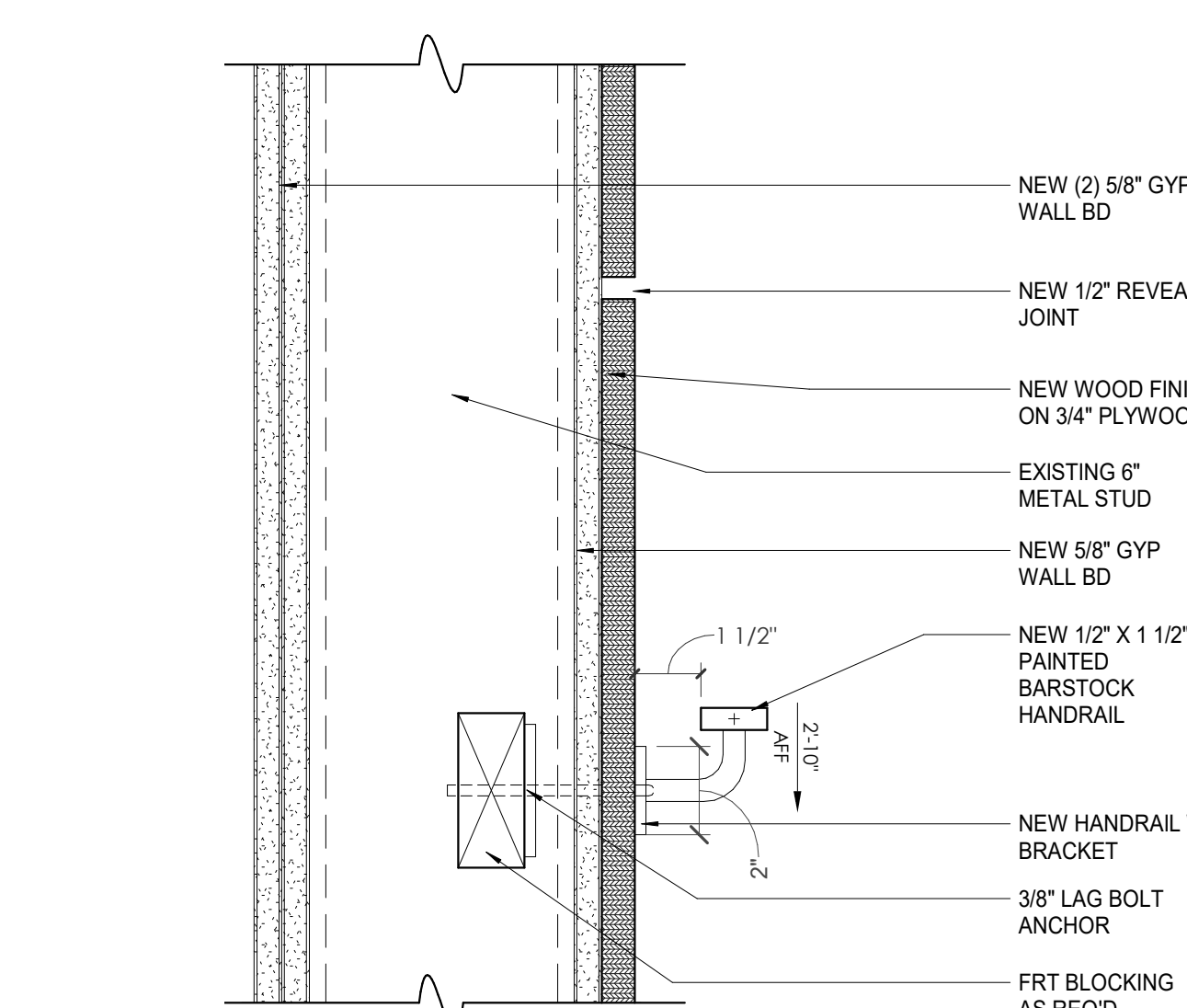
4 WORK - WP Level 2 - ENLARGED STAIR PLAN
1/4" = 1'-0"



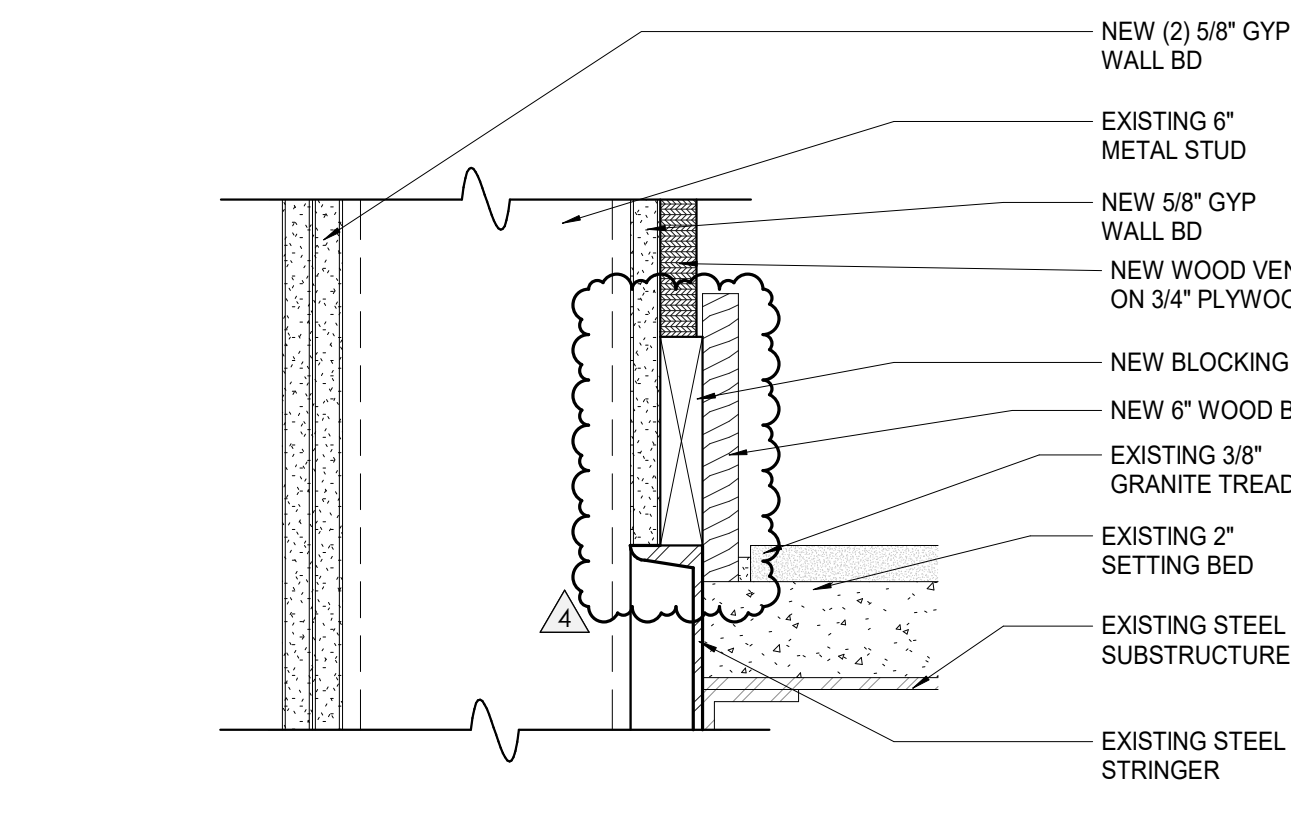
5 WP - ATRIUM STAIR AT 2ND LEVEL
1 1/2" = 1'-0"



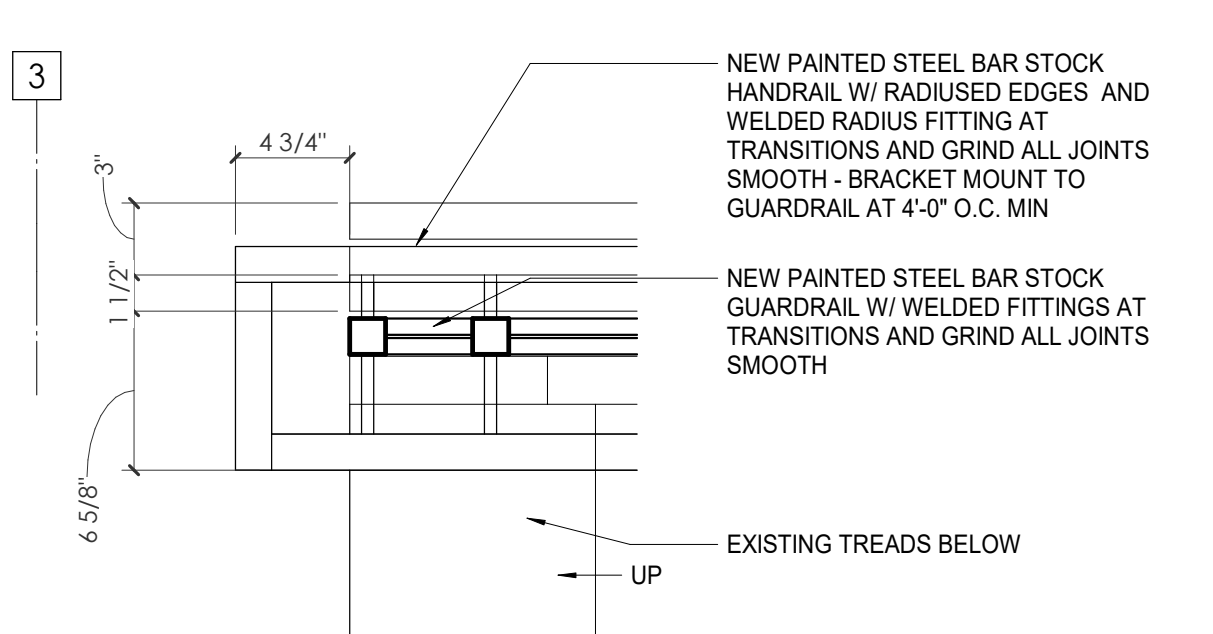
6 WP - ATRIUM STAIR AT FLOOR SLAB
1 1/2" = 1'-0"



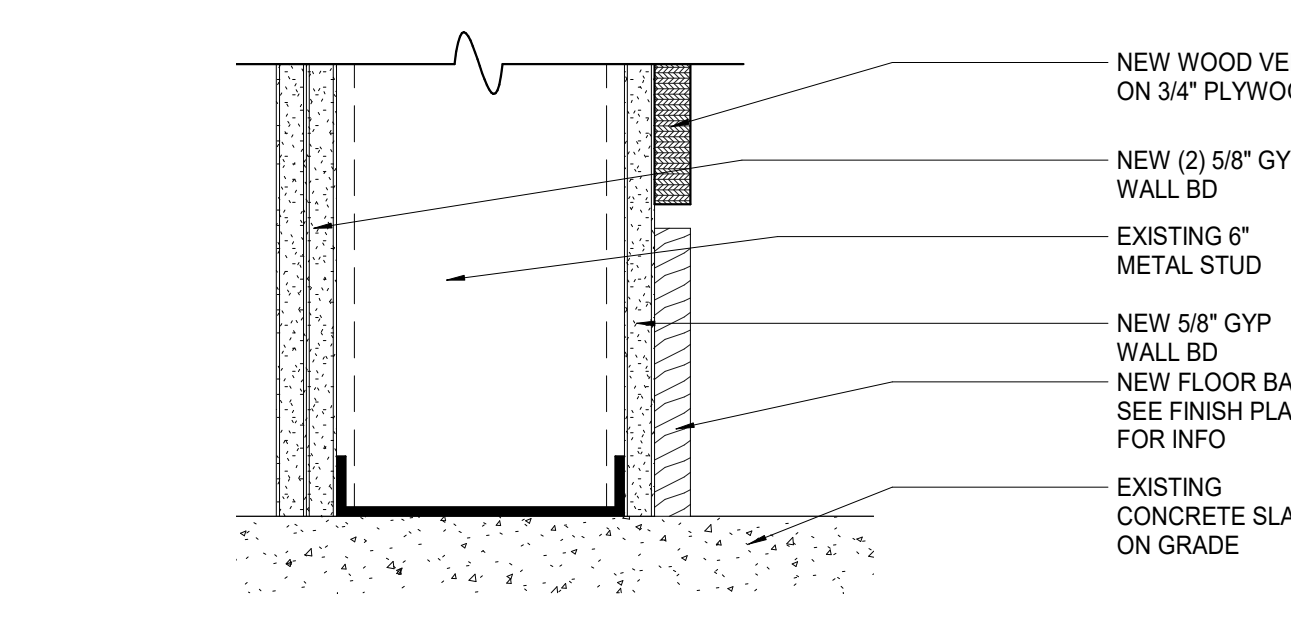
7 WP - SECTION @ HAND RAIL AND REVEAL
3" = 1'-0"



8 WP - SECTION AT STRINGER
3" = 1'-0"



9 WP - RAILING SWITCHBACK DETAIL
1 1/2" = 1'-0"



10 WP - SECTION @ WOOD BASE
3" = 1'-0"



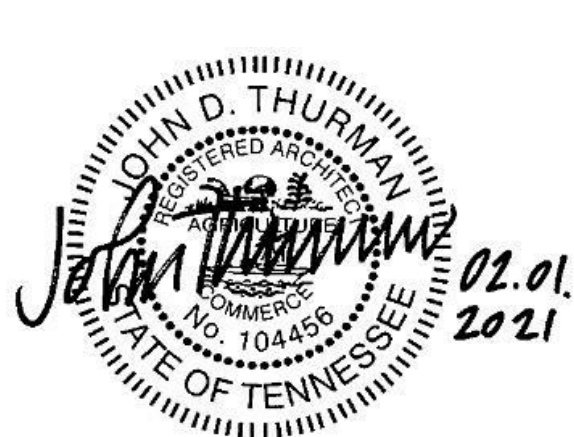
Project Information:

19018

COK SAFETY BUILDING

900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:
Architects Design Group

#	ISSUE	DATE
3	ADD #03.1	02/24/21
4	ADD #04.1	03/03/21

Issue Date: FEBRUARY 1, 2021
PIC: DAVID COLLINS
PM: JOHN THURMAN
PA: LAUREN BUSH / M LABBE
Drawn By: M LABBE
Checked By: B. PIERCY

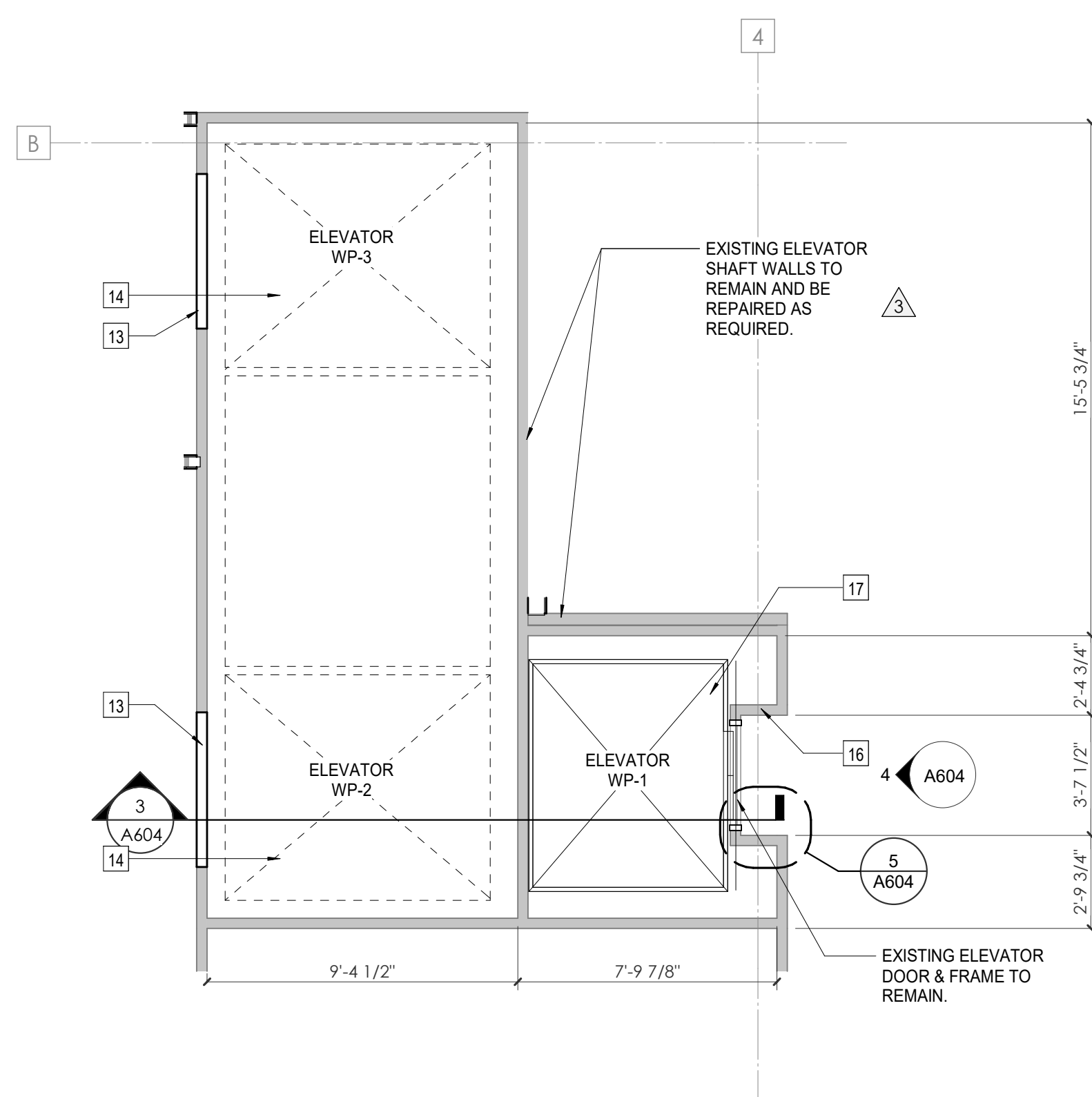
Drawing Info:

A604

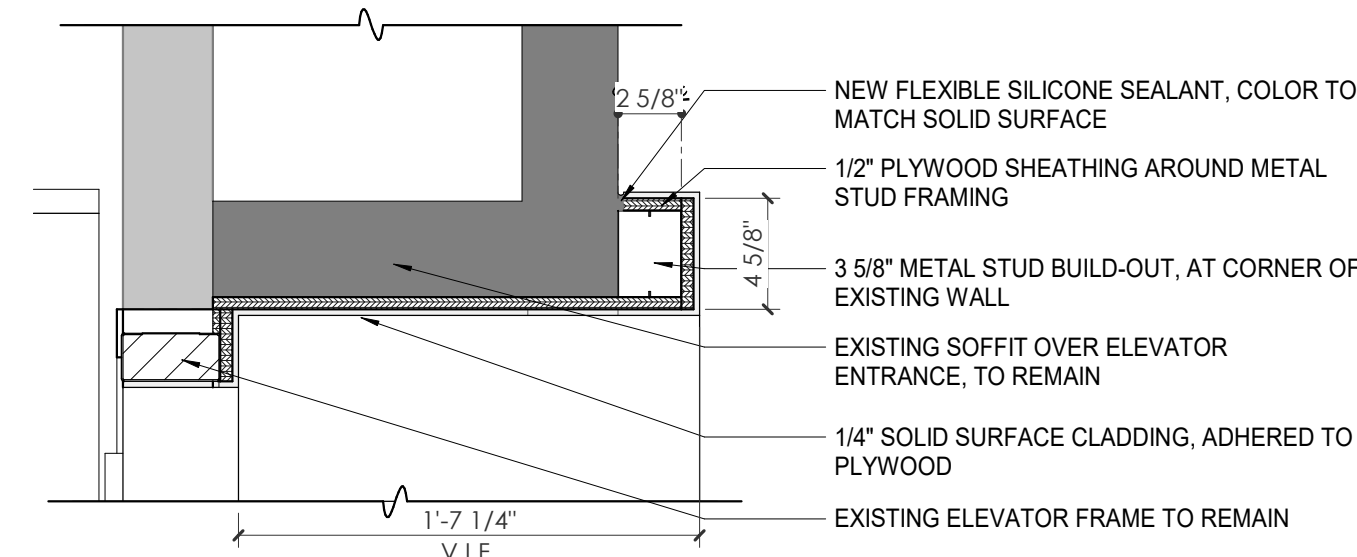
WP - ELEVATOR PLANS & DETAILS

NOTES - WOMEN'S PAVILION ELEVATORS RENOVATION SCOPE

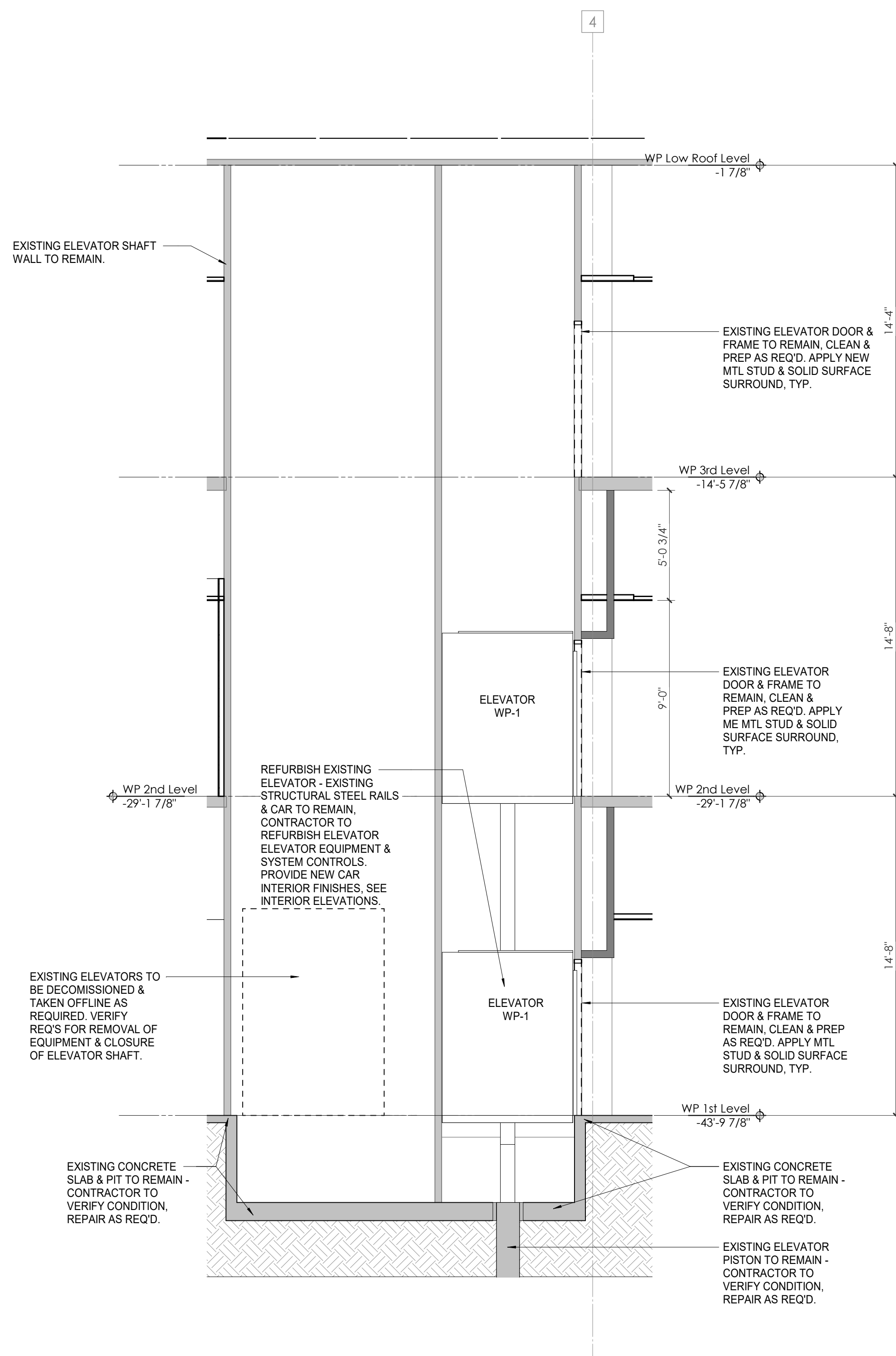
- Existing Elevator Control Equipment:
Contractor to remove all existing door operators, control systems, hoist & car fixtures, existing rollers and guides for hoistway doors, travel cable, and associated proprietary equipment & wiring. Contractor to verify systems to be removed with elevator consultant before demolition.
- Elevator Replacement Equipment:
(2) Elevators to remain are to be retrofitted with new control systems and operating equipment, to include but not limited to:
-New Power Units
-New door operators
-New non-proprietary control systems
-New rollers for hoistway doors
-New car guide rollers
-New travel cables
-Ascending brake
- Elevator Door Removal:
Where elevator is abandoned in place, elevator is to be decommissioned to a point where elevator & shaft can no longer be used or accessed under any circumstances. This includes:
-Remove all elevator controls
-Remove all wiring and power
-Remove elevator rope
-Remove door frame to lobby and hoistway doors
-Contractor to infill existing door opening to match existing adjacent construction & finish. See floor plans & finish plans for info.
- Elevator Cab Interior Renovation:
Where noted on plans, elevator cab to undergo interior renovation to include:
-Removal of existing controls, lighting, horizontal railing / wall protection & floor & wall finishes.
-Installation of new controls, lighting, horizontal railing, & finishes. See plans for info.
- Contractor to verify all dimensions of existing elevators before ordering and installing new or retrofitted equipment.
- See specification for equipment requirements. Contractor to verify system requirements included in renovation, to meet design intent or code requirement.
- At the discretion of the Contractor & elevator installer, elevator equipment may be abandoned in place, if it does not affect the continued safe use and maintenance of the remaining elevators. Contractor is responsible for informing the Owner and Architect if such a condition arises.



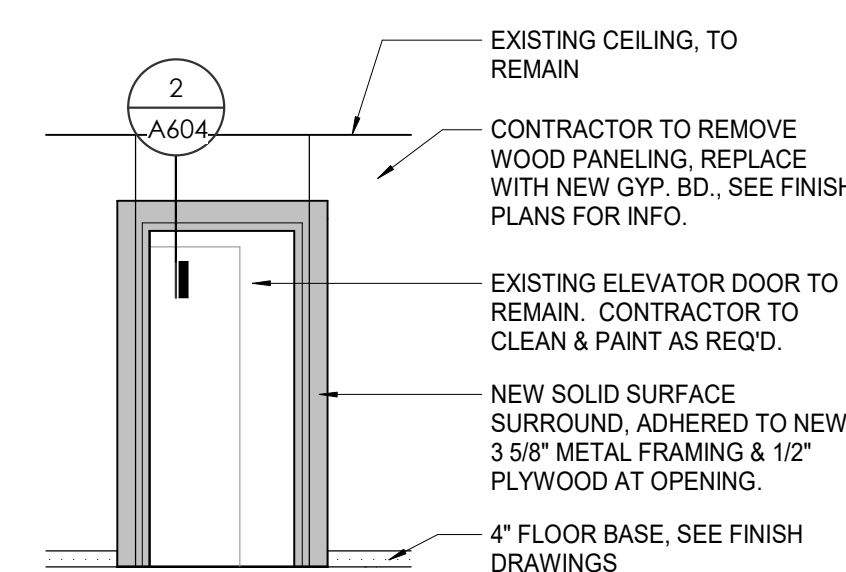
1 TYP. ENLARGED ELEVATOR PLAN
A604 1/4" = 1'-0"



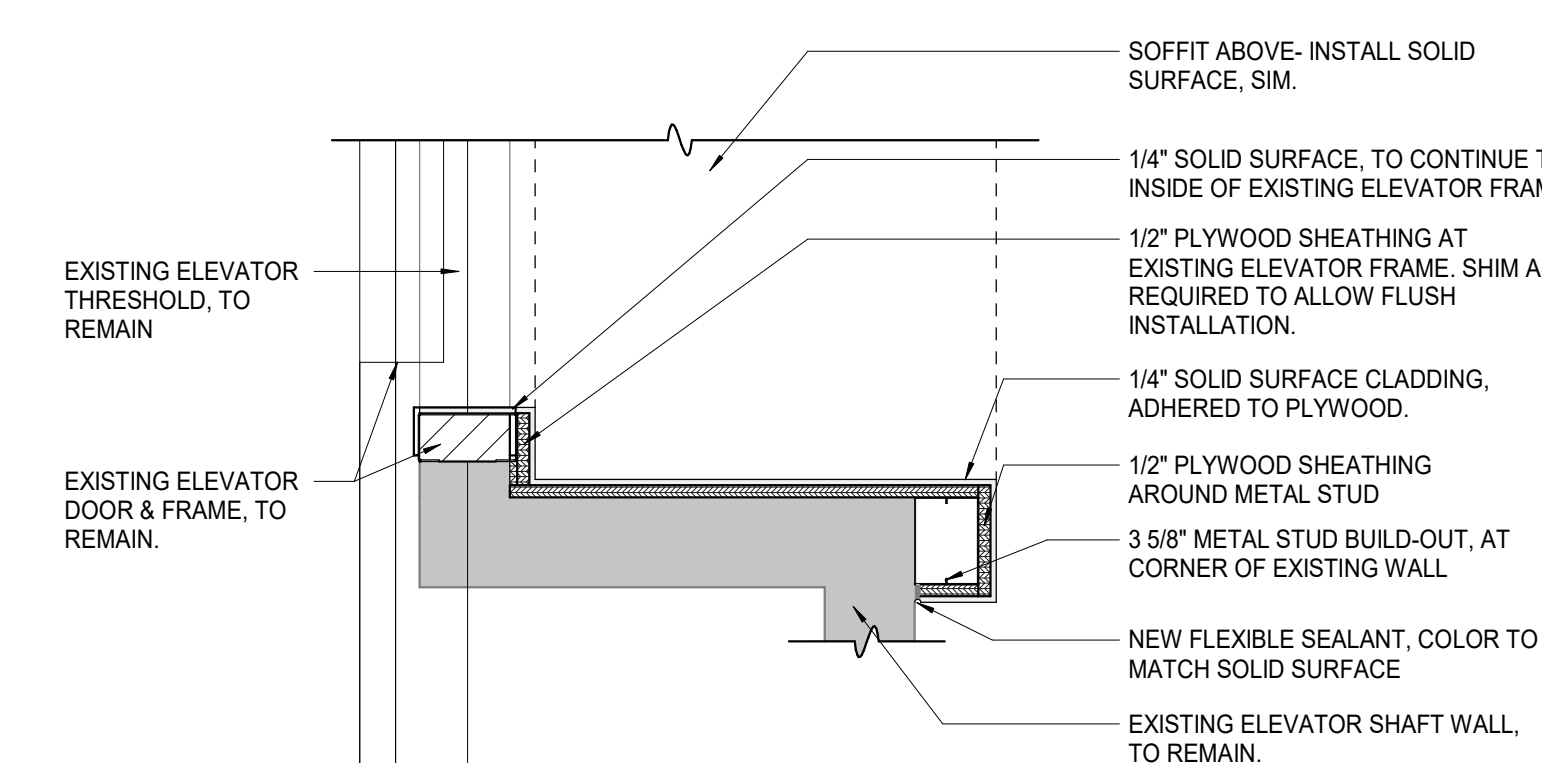
2 ELEVATOR HEAD DETAIL
A604 1/2" = 1'-0"



3 ELEVATOR SECTION
A604 1/4" = 1'-0"

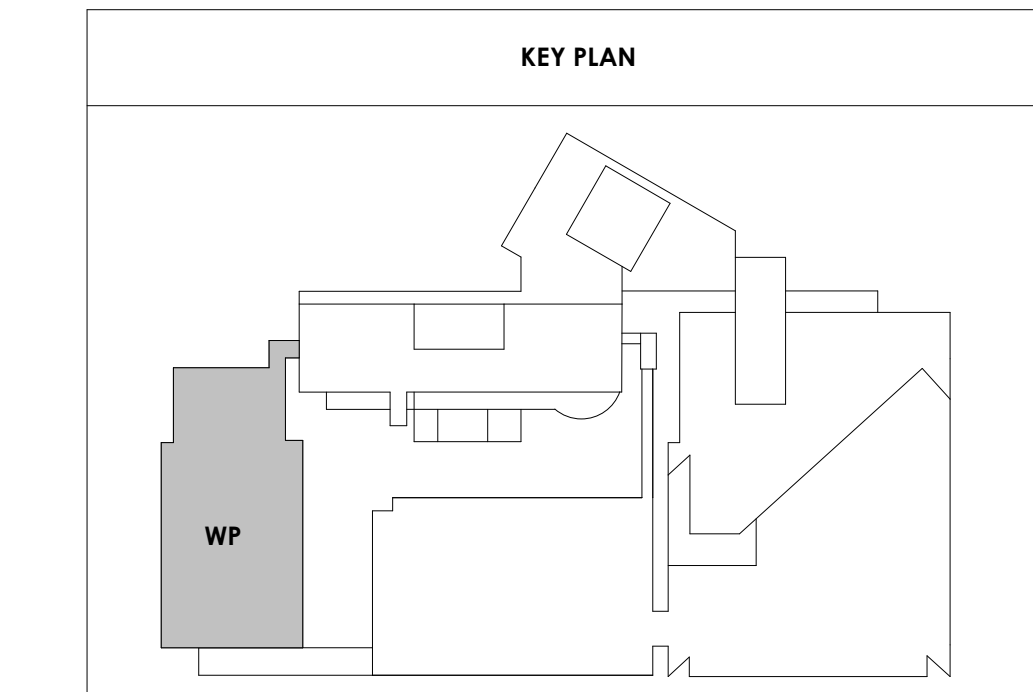


4 ELEVATOR DOOR ELEVATION
A604 1/4" = 1'-0"



5 ELEVATOR JAMB PLAN DETAIL
A604 1/2" = 1'-0"

Tag	Text
1	EXISTING STAIR TO REMAIN. CONTRACTOR TO CLEAN, PREP & PAINT
2	EXISTING HANDRAIL TO REMAIN. CONTRACTOR TO CLEAN, PREP & PAINT. SEE FINISH PLANS FOR INFO
3	EXISTING GUARDRAIL TO REMAIN. CONTRACTOR TO CLEAN, PREP & PAINT. SEE FINISH PLANS FOR INFO
4	EXISTING STAIR LANDING TO REMAIN. CONTRACTOR TO CLEAN, PREP & PAINT. SEE FINISH PLANS FOR INFO
5	NEW ALUMINUM ACCESS LADDER TO HATCH AT LOW ROOF. SEE ACCESS LADDER ELEVATION & HATCH DETAIL FOR INFO.
6	LOCATION OF NEW DRIVER POWER UNIT - SEE ELEVATOR CONTRACTOR REPAIR & REPLACEMENT REQS.
7	CONTRACTOR TO REMOVE EXISTING ELEVATOR EQUIPMENT, CONTROLS, & HYDRAULIC PISTON ELEVATOR. REPLACE WITH NEW 4-STOP HYDRAULIC ELEVATOR. CONTRACTOR TO VERIFY EQUIPMENT & ACCESSORIES REQUIRED FOR NEW STOP.
8	STEEL STRUCTURAL RAILS & CAR TO REMAIN. CONTRACTOR TO REFURBISH ELEVATOR EQUIPMENT & SYSTEMS. CONTRACTOR TO PROVIDE NEW INTERIOR FINISHES. SEE INTERIOR ELEVATIONS
9	EXISTING DOOR FRAME & ELEVATOR DOOR TO REMAIN. SEE ELEVATIONS & DETAIL FOR NEW SURROUND. TYP. ALL ELEVATOR LOCATIONS.
10	NEW HOLLOW METAL ELEVATOR FRAME & DOOR. TO MATCH EXISTING WITH MTL STUD & SOLID SURFACE SURROUND. TYP. ALL ELEVATOR LOCATIONS.
11	CONTRACTOR TO REMOVE EXISTING ELEVATOR EQUIPMENT, CONTROLS, & HYDRAULIC PISTON ELEVATOR. REPLACE WITH NEW 4-STOP HYDRAULIC ELEVATOR. CONTRACTOR TO VERIFY EQUIPMENT & ACCESSORIES REQUIRED FOR NEW STOP.
12	CONTRACTOR TO REMOVE EXISTING HANDRAIL AND GUARD RAIL AND PROVIDE NEW STEEL PIPE HANDRAIL AND GUARDRAIL (PAINTED). SEE RAIL DETAILS SHEET A650
13	REMOVE DOOR FRAME & ELEVATOR DOORS. INFILL WITH NEW MTL STUD FRAMING & GYP. SD. FINISH. TO MATCH EXISTING ADJACENT.
14	ELEVATOR TO BE DECOMMISSIONED & TAKEN OFFLINE AS REQ'D.
15	EXISTING ELEVATOR DOOR & FRAME TO REMAIN. CONTRACTOR TO CLEAN & PREP AS REQ'D.
16	NEW SOLID SURFACE DETAILS SURROUND AT ALL INTERIOR ELEVATOR OPENINGS.
17	STEEL STRUCTURAL RAILS & CAR TO REMAIN. CONTRACTOR TO PROVIDE NEW GALVANIZED STEEL PIPE HANDRAIL AND GUARDRAIL (PAINTED). SEE RAIL DETAILS SHEET A650
18	CONTRACTOR TO REMOVE EXISTING GUARD RAIL AND PROVIDE NEW GALVANIZED STEEL PIPE HANDRAIL AND GUARDRAIL (PAINTED). SEE RAIL DETAILS SHEET A650
19	CONTRACTOR TO REMOVE EXISTING HANDRAIL AND GUARD RAIL AND PROVIDE NEW GALVANIZED STEEL PIPE HANDRAIL AND GUARDRAIL (PAINTED). SEE RAIL DETAILS SHEET A650





Project Information:

19018

COK PUBLIC SAFETY COMPLEX

900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:

Architects Design Group

#	ISSUE	DATE
4	ADD #M.1	03/03/21

Issue Date: FEBRUARY 01, 2021
 PIC: DAVID COLLINS
 PM: JOHN THURMAN
 PA: LAUREN BUSH /
 Drawn By: ADG
 Checked By: BP

Drawing Info:

A610

CA - STAIR PLANS & DETAILS

NOTES - CA EXISTING STAIR RENOVATION SCOPE

PER INTERNATIONAL EXISTING BUILDING CODE 503.1 EXCEPTIONS:

1. An existing stairway shall not be required to comply with the requirements of Section 1011.1 of the International Building Code where the existing space and construction does not allow a reduction in pitch or slope.
2. Handrails otherwise required to comply with Section 1011.11 of the International Building Code shall not be required to comply with the requirements of Section 1014.6 of the International Building Code regarding full extension of the handrails where such extensions would be hazardous because of plan configuration.

PER IBC 1011-1015, REQUIRED STAIR DIMENSIONS:

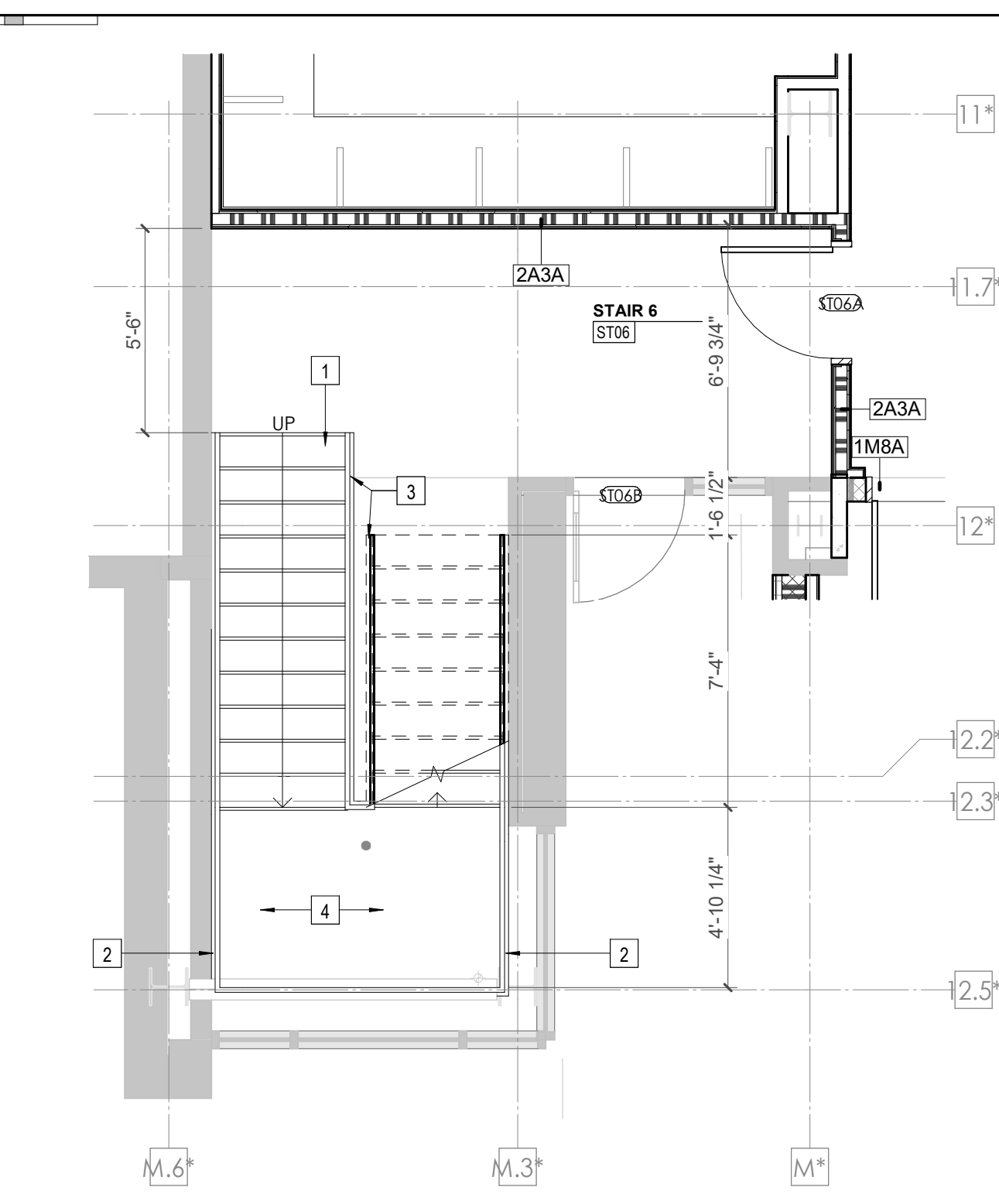
1. IBC 1011.5.2 - Risers shall be 4"-7" tall, tread depths 11" min. Note: existing stairs in Central Annex verified to meet req's.
2. IBC 2018 1014.2 - Existing handrails to remain in all locations. Note: in Central Annex verified to meet vertical height requirement 34"-38" above stair nosing.
3. IBC 2018 1014.6 - Handrail extensions not less than 12" beyond top riser, one tread length below bottom tread.
4. IBC 2018 1015.4 - Required guards shall not have openings that allow passage of a sphere 4" in diameter from the walking surface to the required guard height.

GENERAL NOTES:

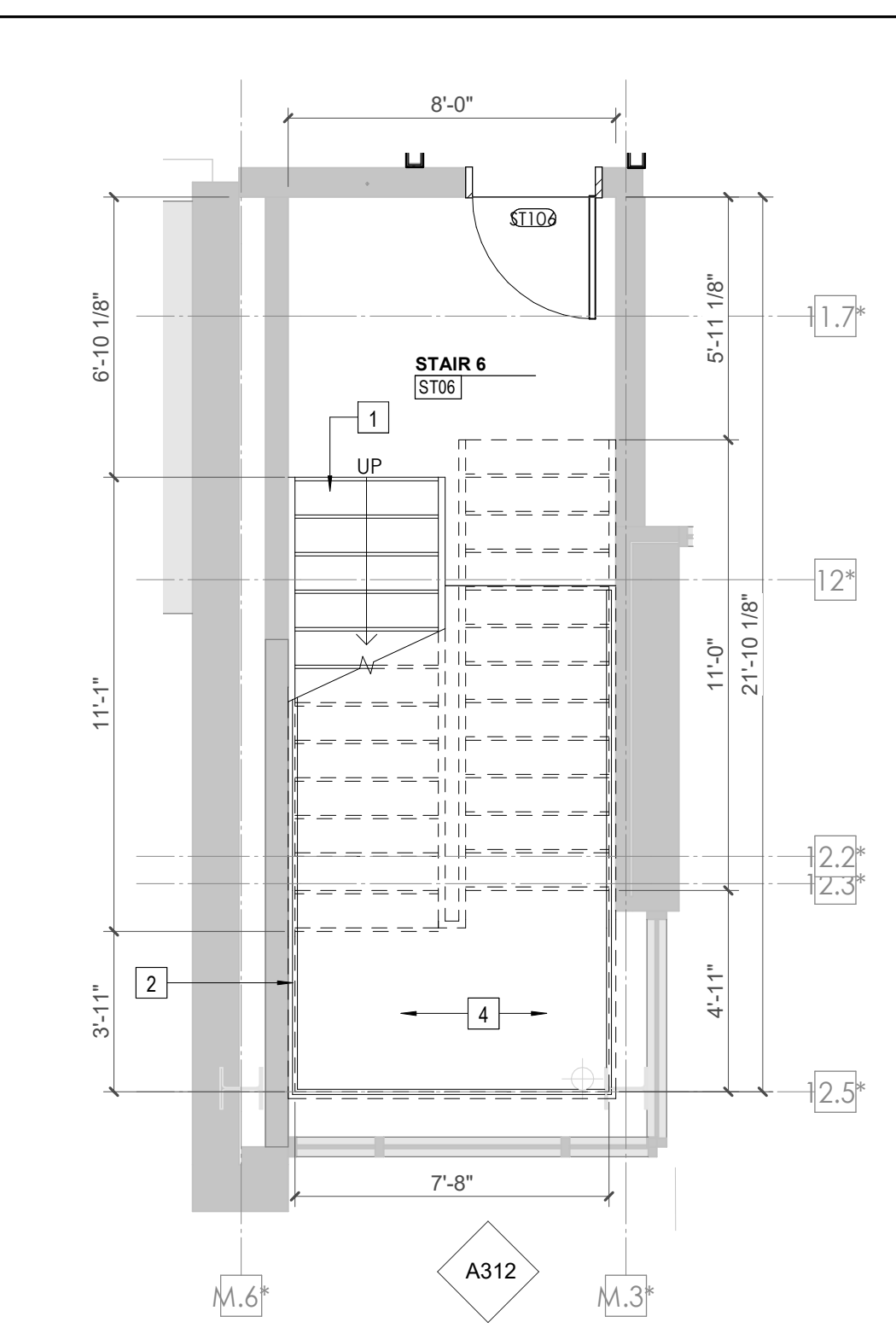
5. All stairs on Central Annex (CA) are noted as existing stairs are to remain. Plans are given for general information and location only. New stairs are noted as such. Contractor to verify all dimensions of existing stairs prior to beginning work, notify architect of non-conforming stairs or handrails.
6. All existing handrails, walls, bare metal pipes, exposed structure, & exposed handrails to be cleaned & painted, see finish plans and schedules for info.

KEYNOTES - VERTICAL CIRCULATION

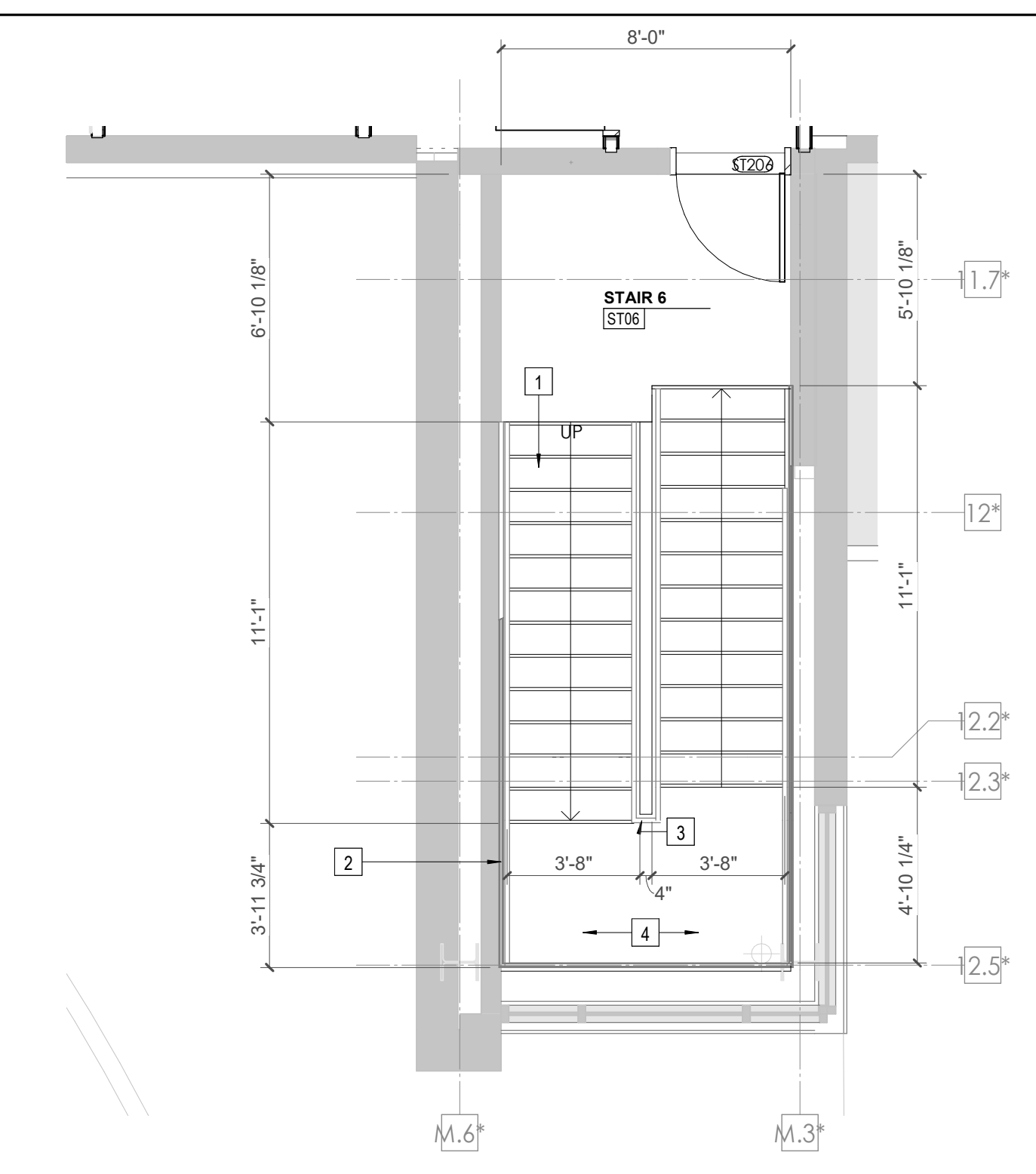
Tag	Text
1	EXISTING STAIR TO REMAIN, CONTRACTOR TO CLEAN, PREP & PAINT.
2	EXISTING HANDRAIL TO REMAIN, CONTRACTOR TO CLEAN, PREP & PAINT, SEE FINISH PLANS FOR INFO
3	EXISTING GUARDRAIL TO REMAIN, CONTRACTOR TO CLEAN, PREP & PAINT, SEE FINISH PLANS FOR INFO
4	EXISTING STAIR LANDING TO REMAIN, CONTRACTOR TO CLEAN, PREP & PAINT.
5	NEW ALUMINUM ACCESS LADDER TO HATCH AT LOW ROOF. SEE ACCESS LADDER ELEVATION & HATCH DETAIL FOR INFO.
6	LOCATION OF NEW DRY POWER UNIT - SEE ELEVATOR CONTRACTOR REPAIR & REPLACEMENT REQ'S
7	CONTRACTOR TO REMOVE EXISTING ELEVATOR EQUIPMENT, CONTROLS, & HYDRAULIC PISTON ELEVATOR. REPLACE WITH NEW 4-STOP HYDRAULIC ELEVATOR. CONTRACTOR TO PROVIDE NEW INTERIOR FINISHES. SEE INTERIOR ELEVATIONS.
8	STEEL STRUCTURAL RAILS & CAR TO REMAIN, CONTRACTOR TO REFINISH ELEVATOR EQUIPMENT & SYSTEMS. CONTRACTOR TO PROVIDE NEW INTERIOR FINISHES. SEE INTERIOR ELEVATIONS.
9	EXISTING DOOR FRAME & ELEVATOR DOOR TO REMAIN. SEE ELEVATIONS & DETAIL FOR NEW SURROUND. TYP. ALL ELEVATOR LOCATIONS.
10	NEW HOLLOW METAL ELEVATOR FRAME & DOORS. TO MATCH EXISTING, WITH MTL. STUD & SOLID SURFACE SURROUND. TYP. ALL ELEVATOR LOCATIONS.
11	CONTRACTOR TO REMOVE EXISTING ELEVATOR EQUIPMENT, CONTROLS, & HYDRAULIC PISTON ELEVATOR. REPLACE WITH NEW 4-STOP HYDRAULIC ELEVATOR. CONTRACTOR TO VERIFY EQUIPMENT & ACCESSORIES
12	CONTRACTOR TO REMOVE EXISTING HANDRAIL AND GUARDRAIL AND PROVIDE NEW STEEL PIPE HANDRAIL AND GUARDRAIL (PAINTED). SEE RAIL DETAILS SHEET A650.
13	REMOVE DOOR FRAME & ELEVATOR DOORS (MILT) WITH NEW MTL. STUD FRAMING & GYP. BD. FINISH, TO MATCH EXISTING ADJACENT.
14	ELEVATOR TO BE DECOMMISSIONED & TAKEN OFFLINE AS REQ'D.
15	EXISTING ELEVATOR DOOR & FRAME TO REMAIN. CONTRACTOR TO CLEAN & PREP AS REQ'D.
16	NEW SOLID SURFACE DETAIL SURROUND AT ALL INTERIOR ELEVATOR OPENINGS.
17	STEEL STRUCTURAL RAILS & CAR TO REMAIN, CONTRACTOR TO PROVIDE NEW INTERIOR FINISHES. SEE INTERIOR ELEVATIONS.
18	CONTRACTOR TO REMOVE EXISTING GUARDRAIL AND PROVIDE NEW GALVANIZED STEEL PIPE GUARDRAIL (PAINTED). SEE RAIL DETAILS SHEET A650.
19	CONTRACTOR TO REMOVE EXISTING HANDRAIL AND GUARDRAIL AND PROVIDE NEW GALVANIZED STEEL PIPE HANDRAIL AND GUARDRAIL (PAINTED). SEE RAIL DETAILS SHEET A650.



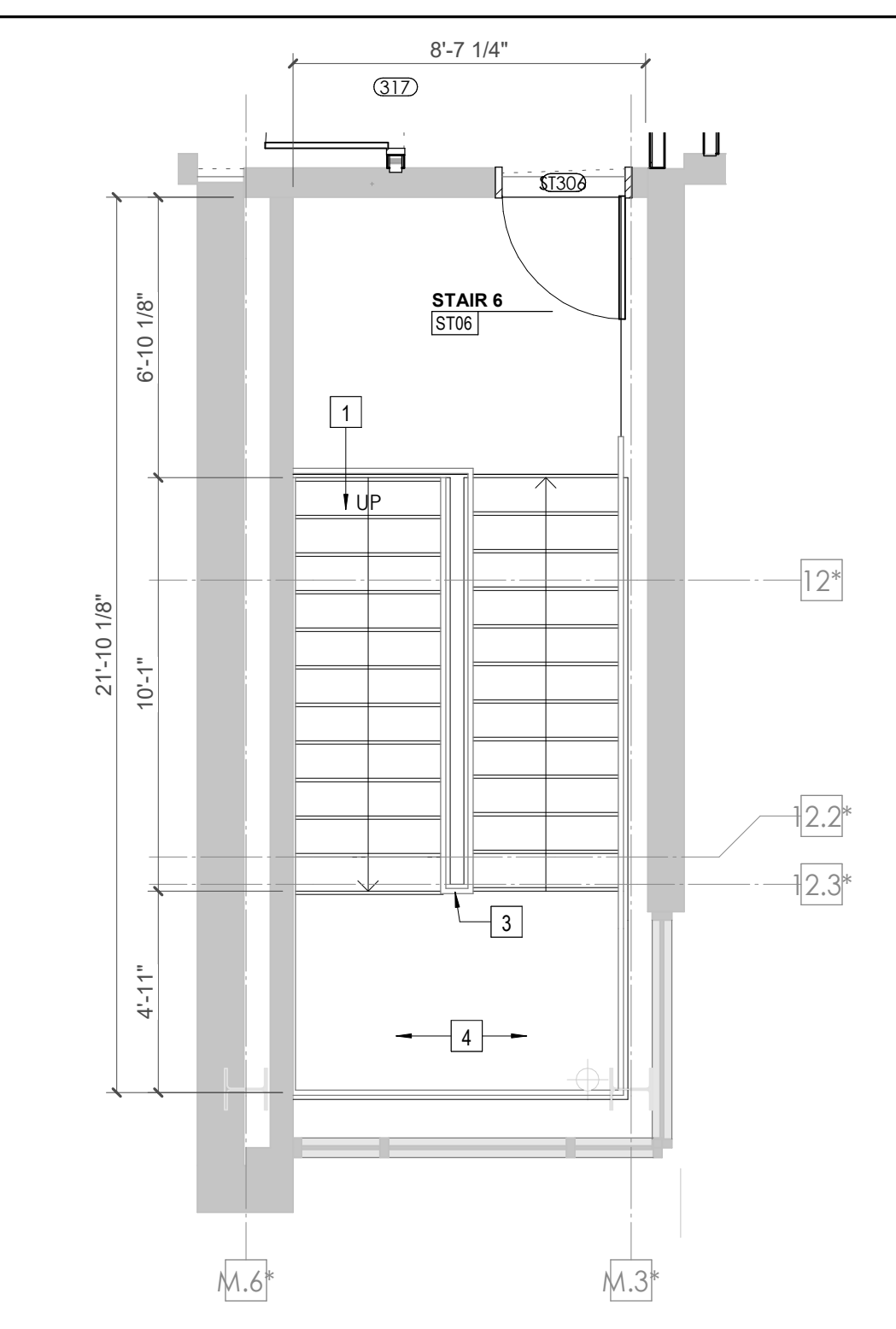
2 ENLARGED EXISTING STAIR 6 - LEVEL LL3
1/4" = 1'-0"



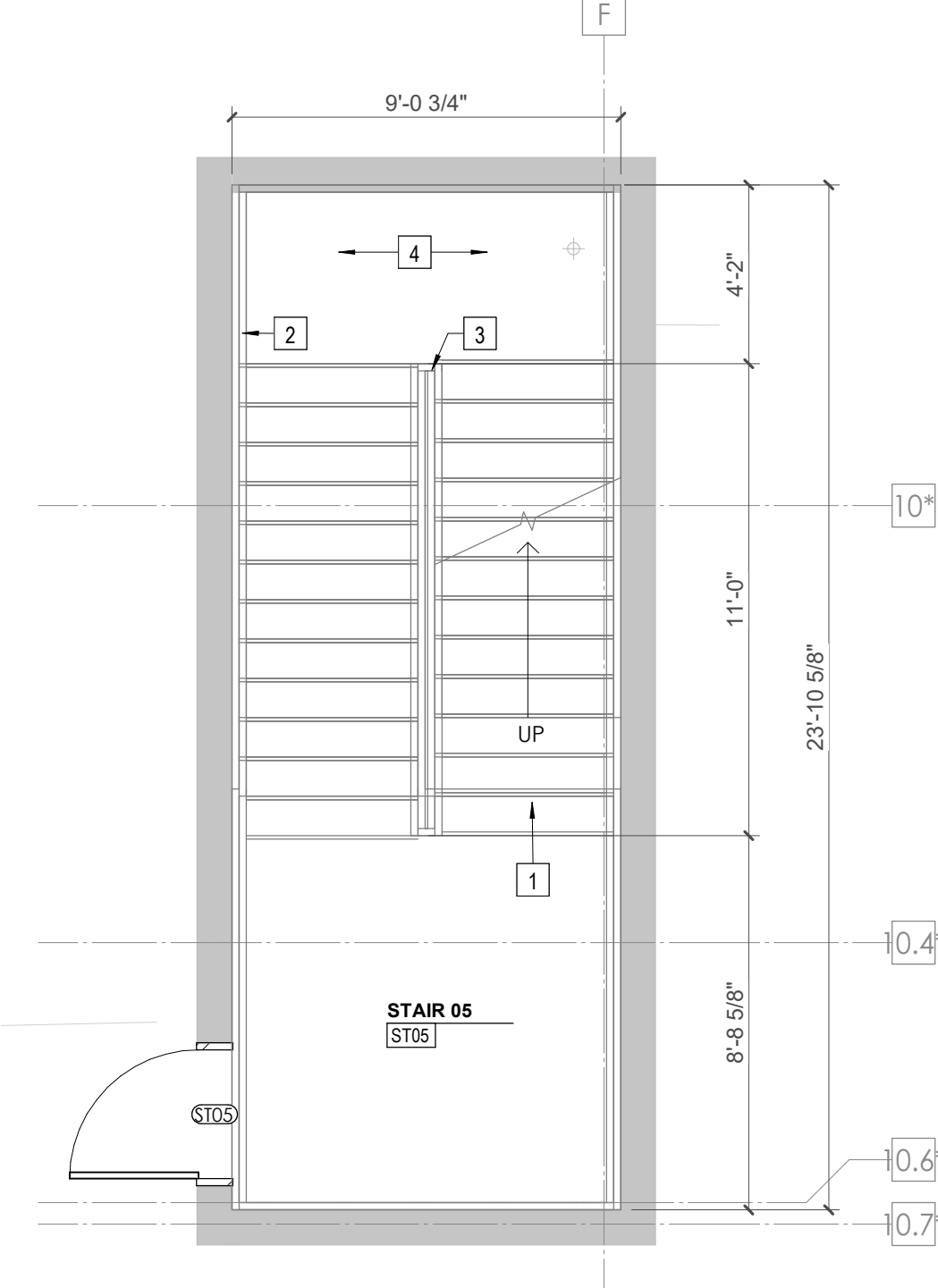
12 ENLARGED EXISTING STAIR 6 - LEVEL LL2
1/4" = 1'-0"



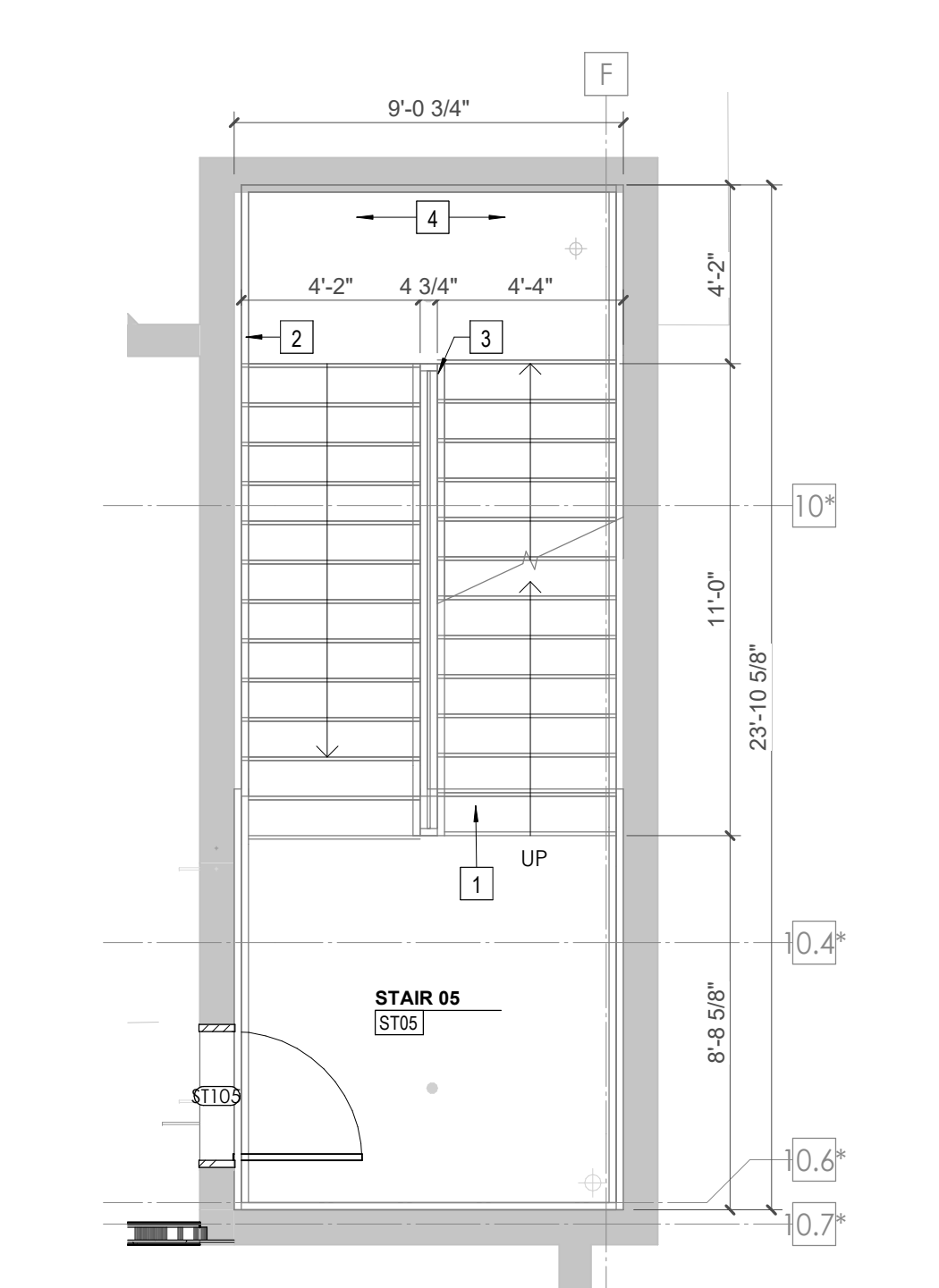
11 ENLARGED EXISTING STAIR 6 - LEVEL LL1
1/4" = 1'-0"



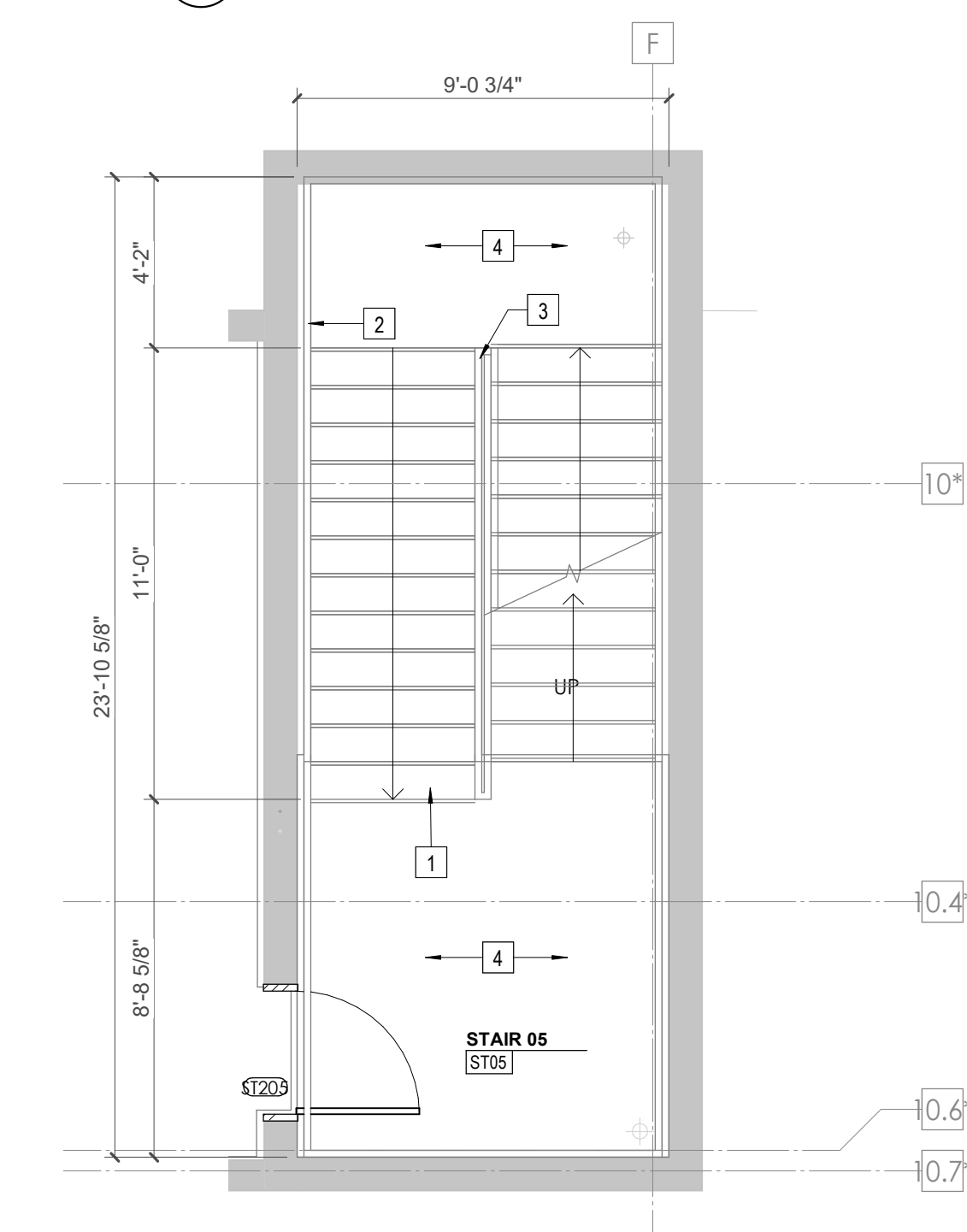
8 ENLARGED EXISTING STAIR 6 - GROUND
1/4" = 1'-0"



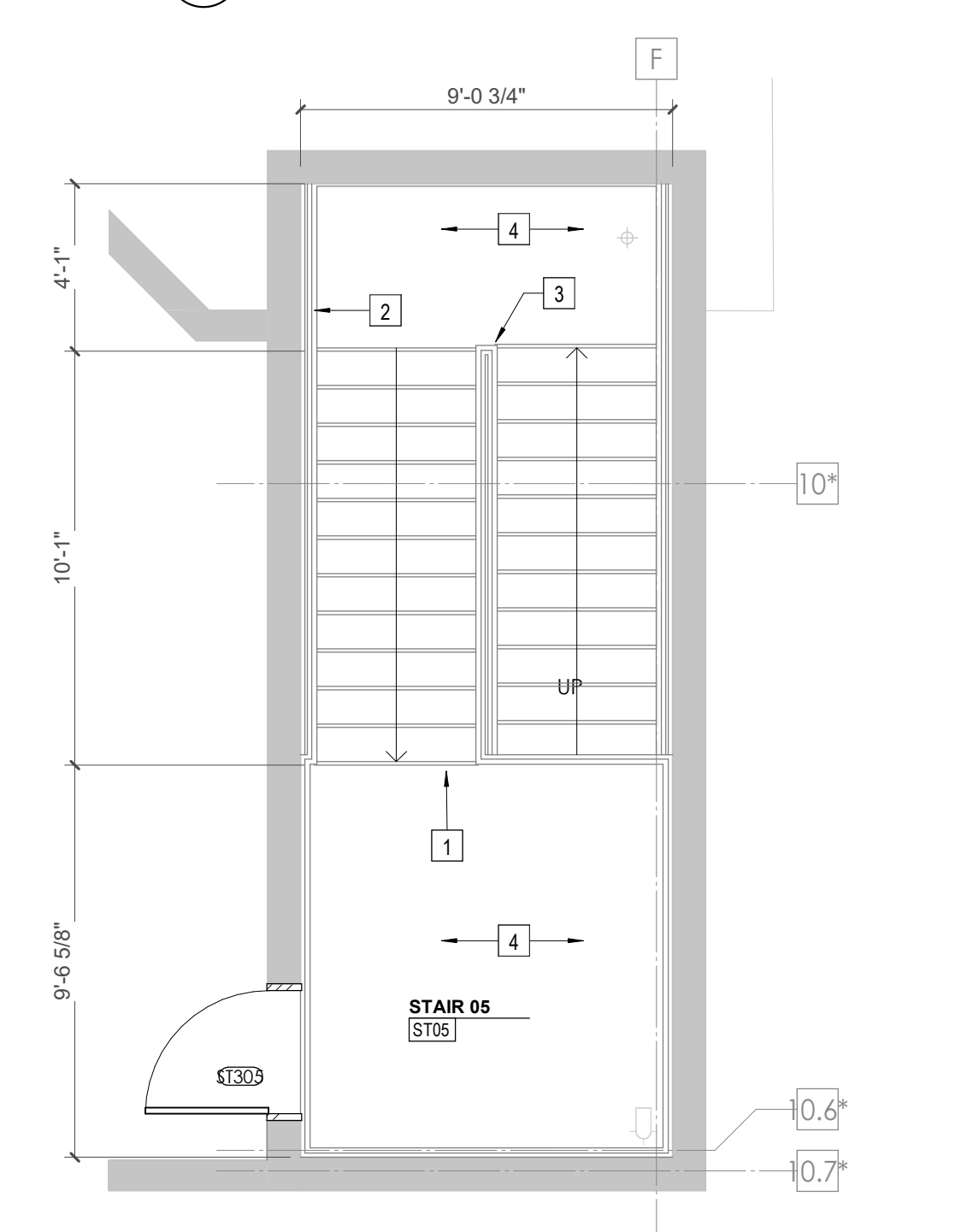
6 ENLARGED STAIR 05 - LL3
1/4" = 1'-0"



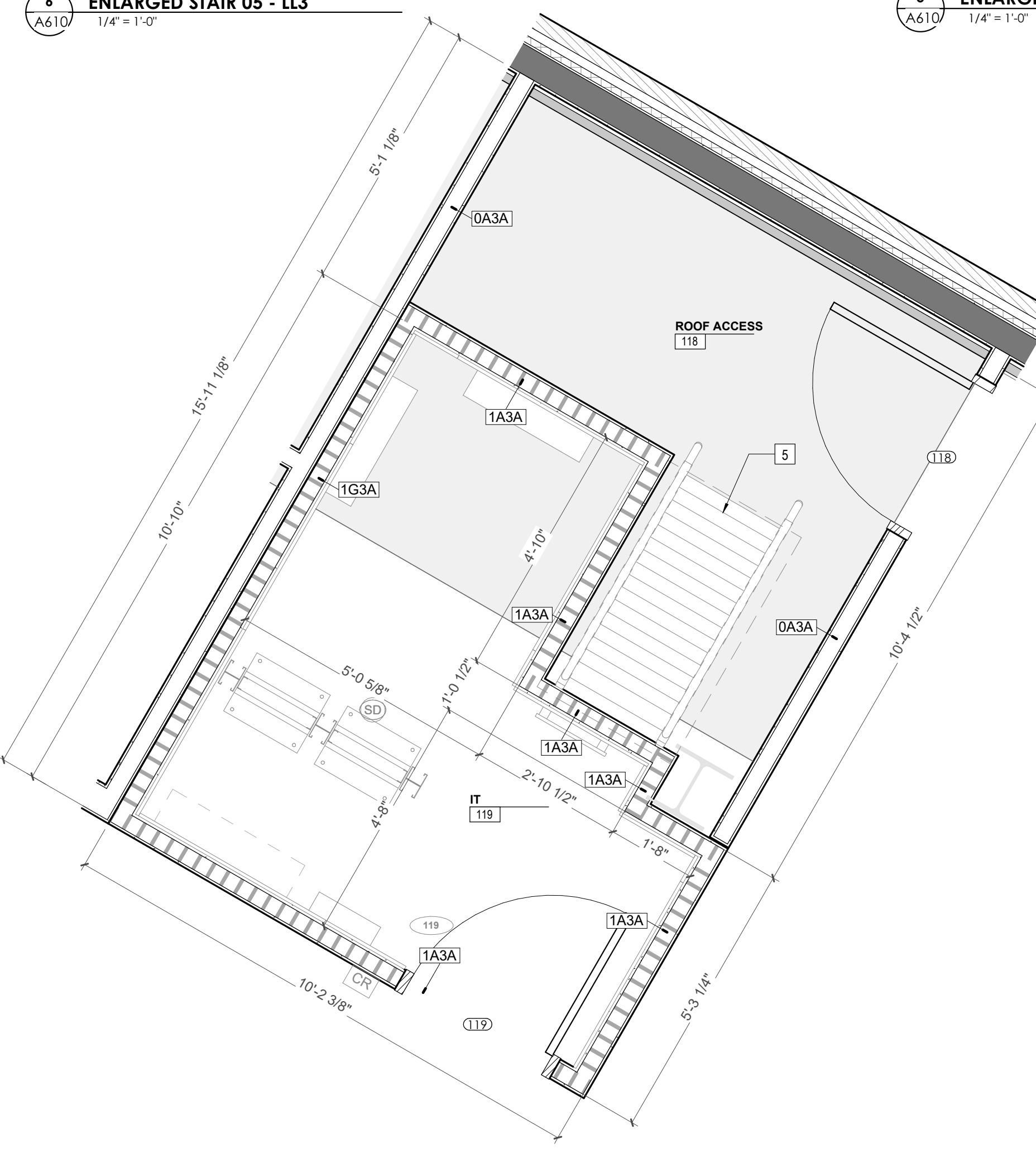
5 ENLARGED STAIR 05 - LL2
1/4" = 1'-0"



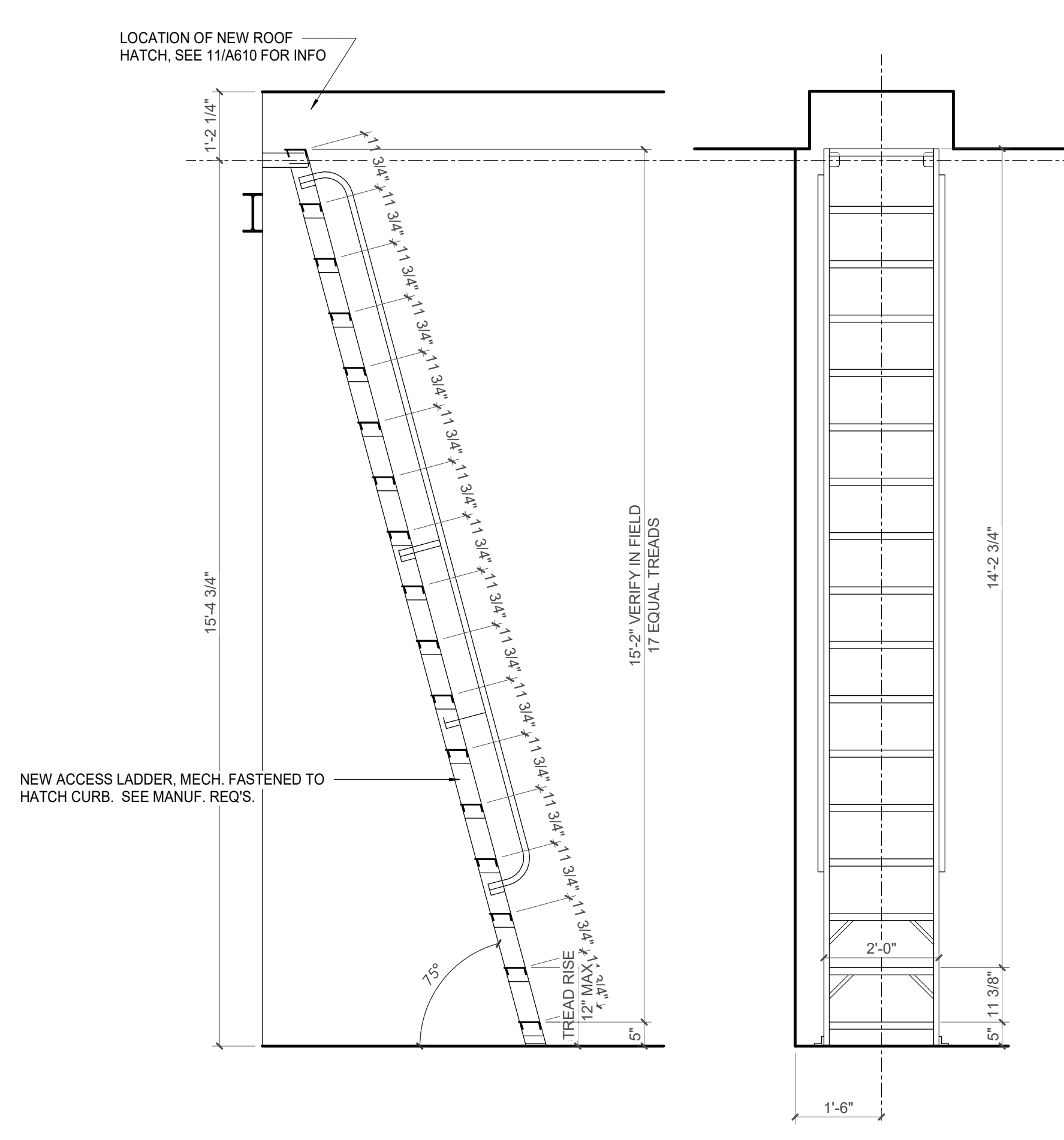
4 ENLARGED STAIR 05 - LL1
1/4" = 1'-0"



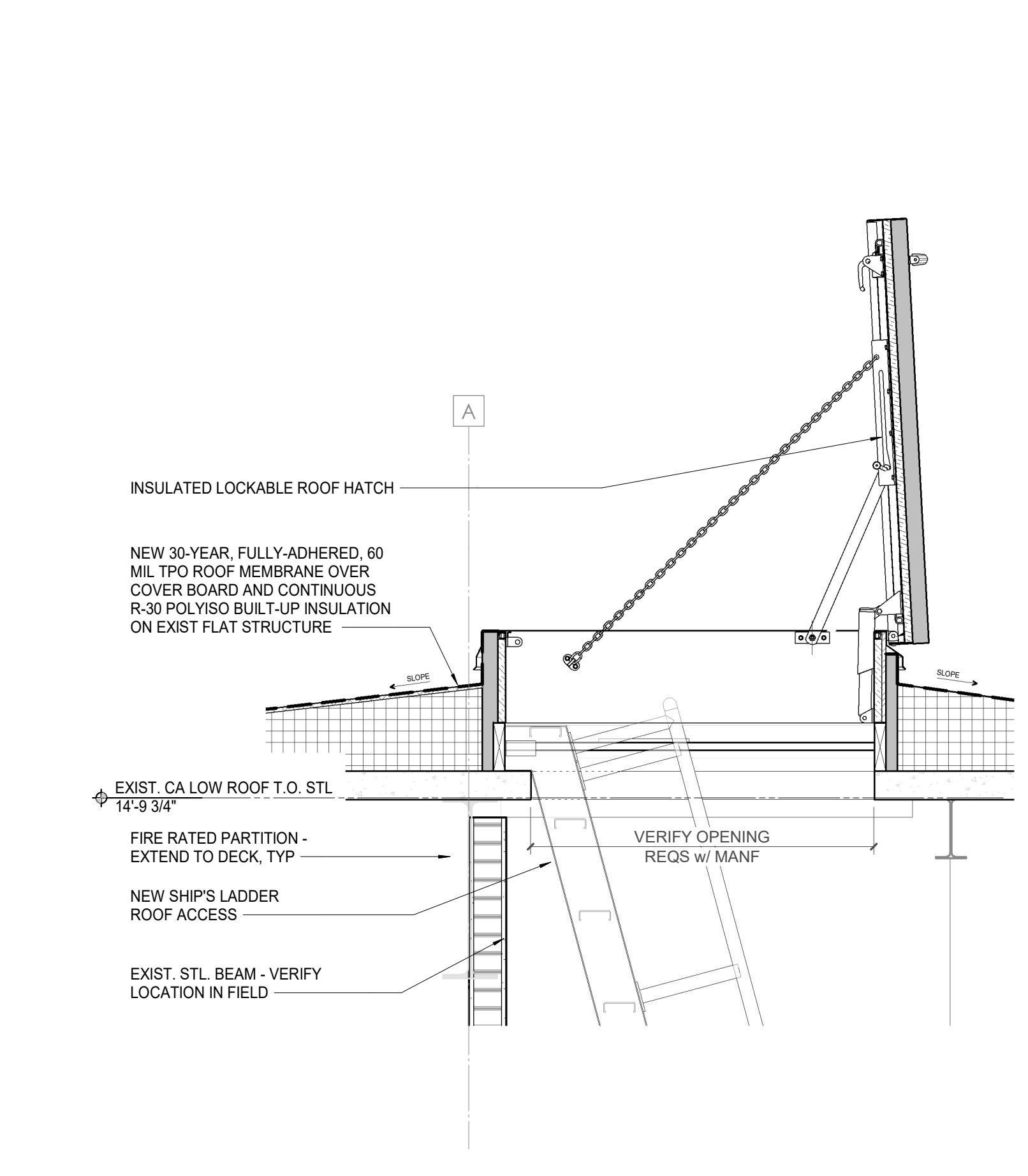
3 ENLARGED STAIR 05 - GROUND
1/4" = 1'-0"



10 ENLARGED STAIR 3 - LEVEL LL2
1/2" = 1'-0"



1 CA - LOW ROOF ACCESS LADDER ELEVATIONS
1/2" = 1'-0"



7 CA - LOW ROOF ACCESS HATCH DETAIL
3/4" = 1'-0"



Project Information:

19018

COK SAFETY BUILDING

900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:
Architects Design Group

#	ISSUE	DATE
4	ADD #M.1	03/03/21

Issue Date: FEBRUARY 1, 2021
 PIC: DAVID COLLINS
 PM: JOHN THURMAN
 PA: LAUREN BUSH /
 Drawn By: Author
 Checked By: BP

Drawing Info:

A620

POB - STAIR ENLARGED PLANS AND SECTIONS

NOTES - CA EXISTING STAIR RENOVATION SCOPE

PER INTERNATIONAL EXISTING BUILDING CODE 503.1 EXCEPTIONS:

1. An existing stairway shall not be required to comply with the requirements of Section 1011 of the International Building Code where the existing space and construction does not allow a reduction in pitch or slope.
2. Handrails otherwise required to comply with Section 1011.11 of the International Building Code shall not be required to comply with the requirements of Section 1014.5 of the International Building Code regarding full extension of the handrails where such extensions would be hazardous because of plan configuration.

PER IBC 1011-1015, REQUIRED STAIR DIMENSIONS:

1. IBC 1011.5.2 - Risers shall be 4"-7" tall, tread depths 11" min. Note: existing stairs in Central Annex verified to meet req's.
2. IBC 2018 1014.2 - Existing handrails to remain in all locations. Note: in Central Annex verified to meet vertical height requirement 34"-38" above stair nosing.
3. IB 2018 1014.6 - Handrail extensions not less than 12" beyond top riser, one tread length below bottom tread.
4. IBC 2018 1015.4 - Required guards shall not have openings that allow passage of a sphere 4" in diameter from the walking surface to the required guard height.

GENERAL NOTES:

5. All stairs on Central Annex (CA) are noted as existing stairs are to remain. Plans are given for general information and location only. New stairs are noted as such. Contractor to verify all dimensions of existing stairs prior to beginning work, notify architect of non-conforming stairs or handrails.
6. All existing handrails, walls, bare metal pipes, exposed structure, & exposed handrails to be cleaned & painted, see finish plans and schedules for info.

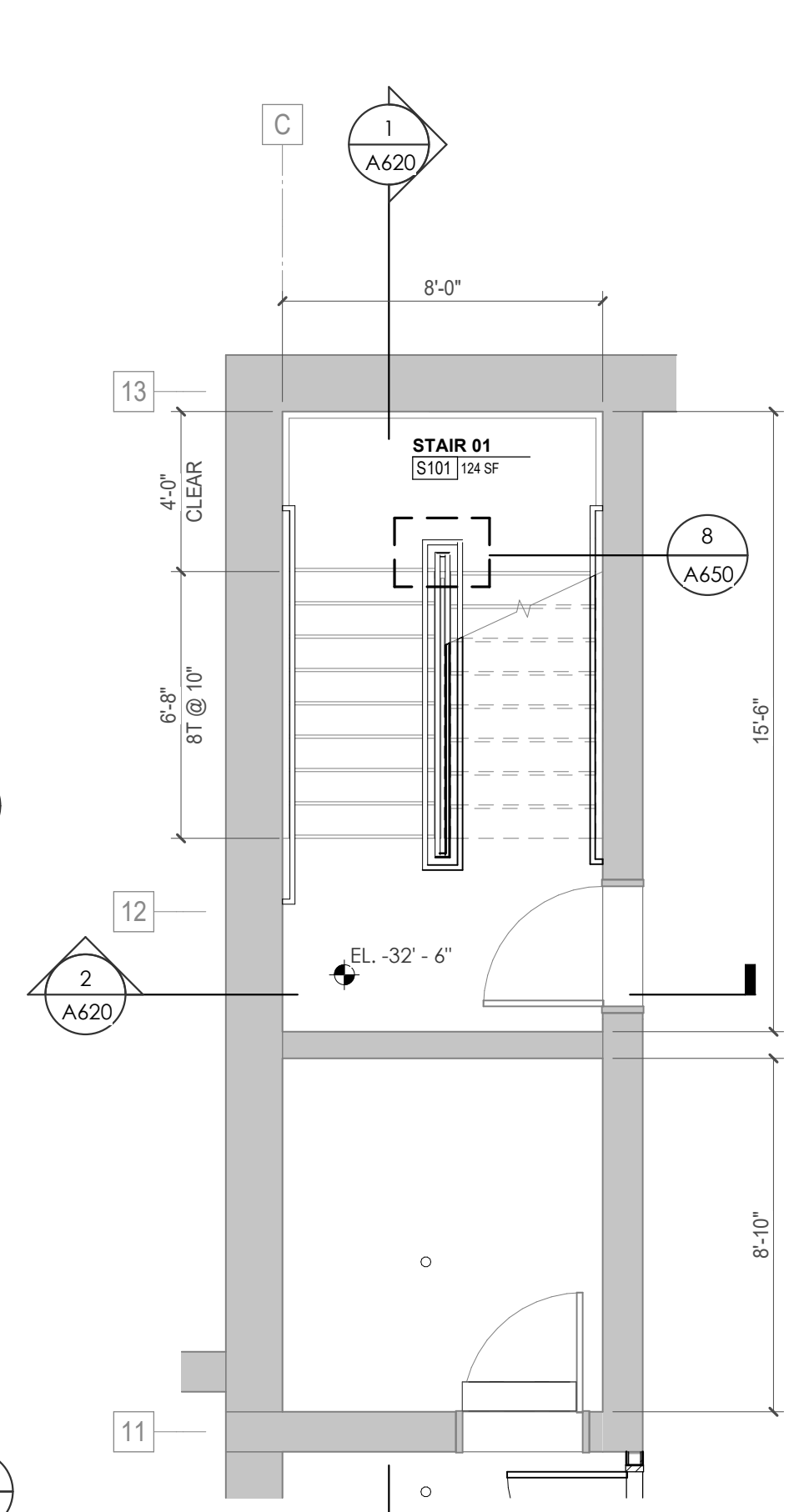
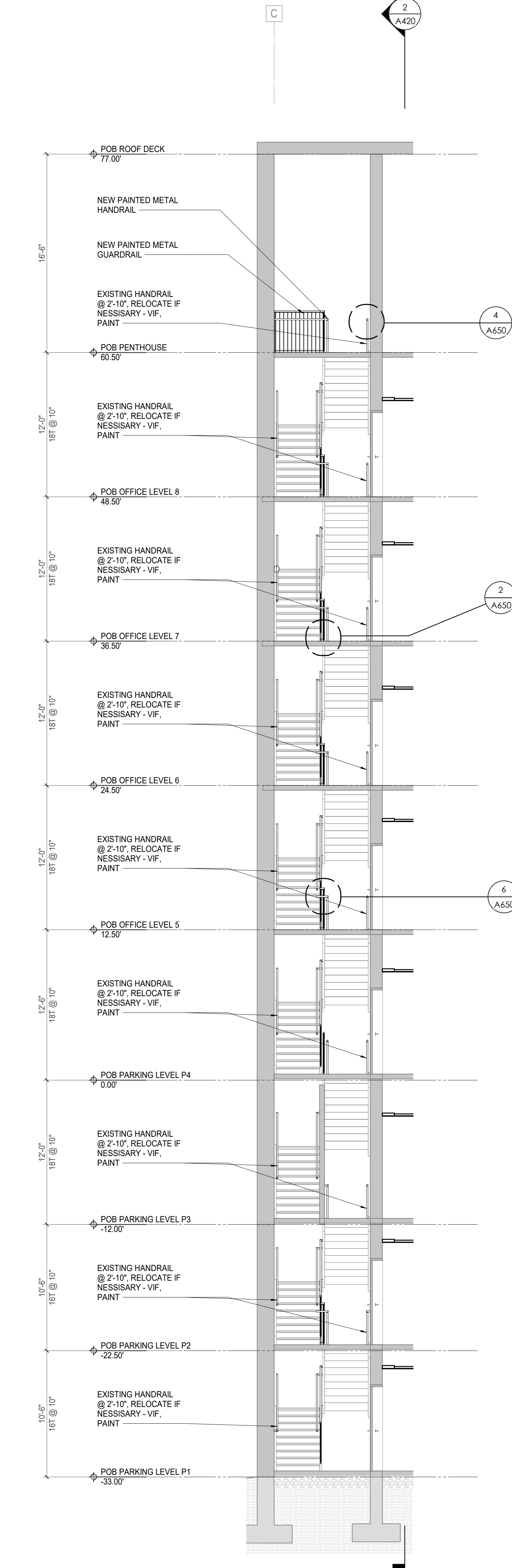
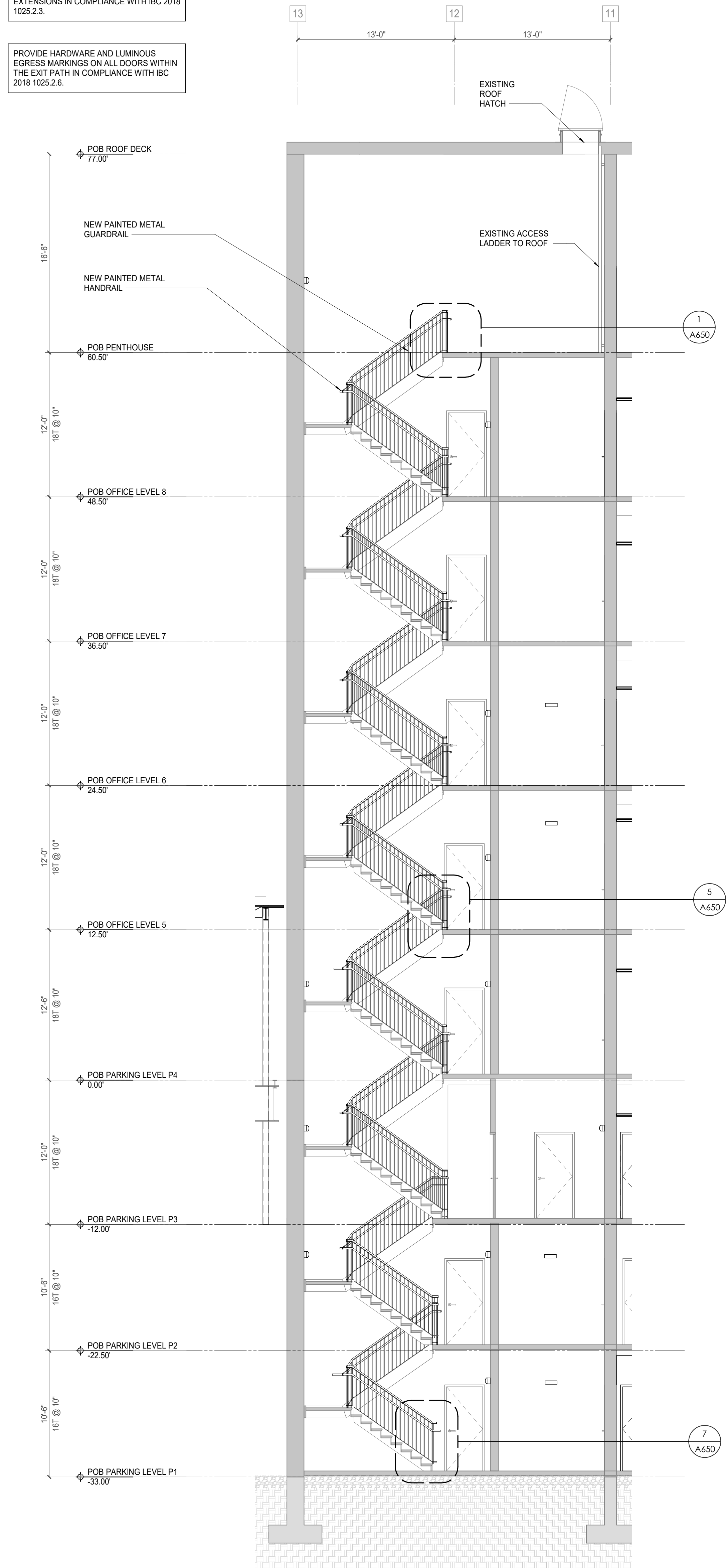
KEYNOTES - VERTICAL CIRCULATION

Tag	Text
1	EXISTING STAIR TO REMAIN, CONTRACTOR TO CLEAN, PREP & PAINT
2	EXISTING HANDRAIL TO REMAIN, CONTRACTOR TO CLEAN, PREP & PAINT, SEE FINISH PLANS FOR INFO
3	EXISTING GUARDRAIL TO REMAIN, CONTRACTOR TO CLEAN, PREP & PAINT, SEE FINISH PLANS FOR INFO
4	EXISTING STAIR LANDING TO REMAIN, CONTRACTOR TO CLEAN, PREP & PAINT, SEE FINISH PLANS FOR INFO
5	NEW ALUMINUM ACCESS LADDER TO HATCH AT LOW ROOF. SEE ACCESS LADDER ELEVATION & HATCH DETAIL FOR INFO.
6	LOCATION OF NEW DRY POWER UNIT - SEE ELEVATOR CONTRACTOR REPAIR & REPLACEMENT REQ'S
7	CONTRACTOR TO REMOVE EXISTING ELEVATOR EQUIPMENT, CONTROLS, & HYDRAULIC PISTON ELEVATOR. REPLACE WITH NEW 4-STOP HYDRAULIC ELEVATOR. CONTRACTOR TO PROVIDE NEW INTERIOR FINISHES, SEE INTERIOR ELEVATIONS
8	STEEL STRUCTURAL RAILS & CAR TO REMAIN, CONTRACTOR TO REFINISH EXISTING EQUIPMENT & SYSTEMS, CONTRACTOR TO PROVIDE NEW INTERIOR FINISHES, SEE INTERIOR ELEVATIONS
9	EXISTING DOOR FRAME & ELEVATOR DOORS TO REMAIN. SEE ELEVATIONS & DETAIL FOR NEW SURROUND AT EXISTING FRAMES
10	NEW HOLLOW METAL ELEVATOR FRAME & DOOR, TO MATCH EXISTING, WITH MTL STUD & SOLID SURFACE SURROUND, TYP. ALL ELEVATOR LOCATIONS.
11	CONTRACTOR TO REMOVE EXISTING ELEVATOR EQUIPMENT, CONTROLS, & HYDRAULIC PISTON ELEVATOR. REPLACE WITH NEW 4 STOP HYDRAULIC ELEVATOR. CONTRACTOR TO VERIFY EQUIPMENT & ACCESSORIES REQUIRED FOR ELEVATOR
12	CONTRACTOR TO REMOVE EXISTING HANDRAIL AND GUARDRAIL AND PROVIDE NEW STEEL PIPE HANDRAIL AND GUARDRAIL (PAINTED). SEE RAIL DETAILS SHEET A650
13	REMOVE DOOR FRAMES & ELEVATOR DOORS. FINISH WITH NEW MTL STUD FRAMING & GYP. BD. FINISH, TO MATCH EXISTING ADJACENT
14	ELEVATOR TO BE DECOMMISSIONED & TAKEN OFFLINE AS REQ'D.
15	EXISTING ELEVATOR DOOR & FRAME TO REMAIN. CONTRACTOR TO CLEAN & PREP AS REQ'D
16	NEW SOLID SURFACE DETAIL SURROUND AT ALL INTERIOR ELEVATOR OPENINGS.
17	STEEL STRUCTURAL RAILS & CAR TO REMAIN, CONTRACTOR TO PROVIDE NEW INTERIOR FINISHES, SEE INTERIOR ELEVATIONS
18	CONTRACTOR TO REMOVE EXISTING GUARDRAIL AND PROVIDE NEW GALVANIZED STEEL PIPE GUARDRAIL (PAINTED). SEE RAIL DETAILS SHEET A650
19	CONTRACTOR TO REMOVE EXISTING HANDRAIL AND GUARDRAIL AND PROVIDE NEW GALVANIZED STEEL PIPE HANDRAIL AND GUARDRAIL (PAINTED). SEE RAIL DETAILS SHEET A650

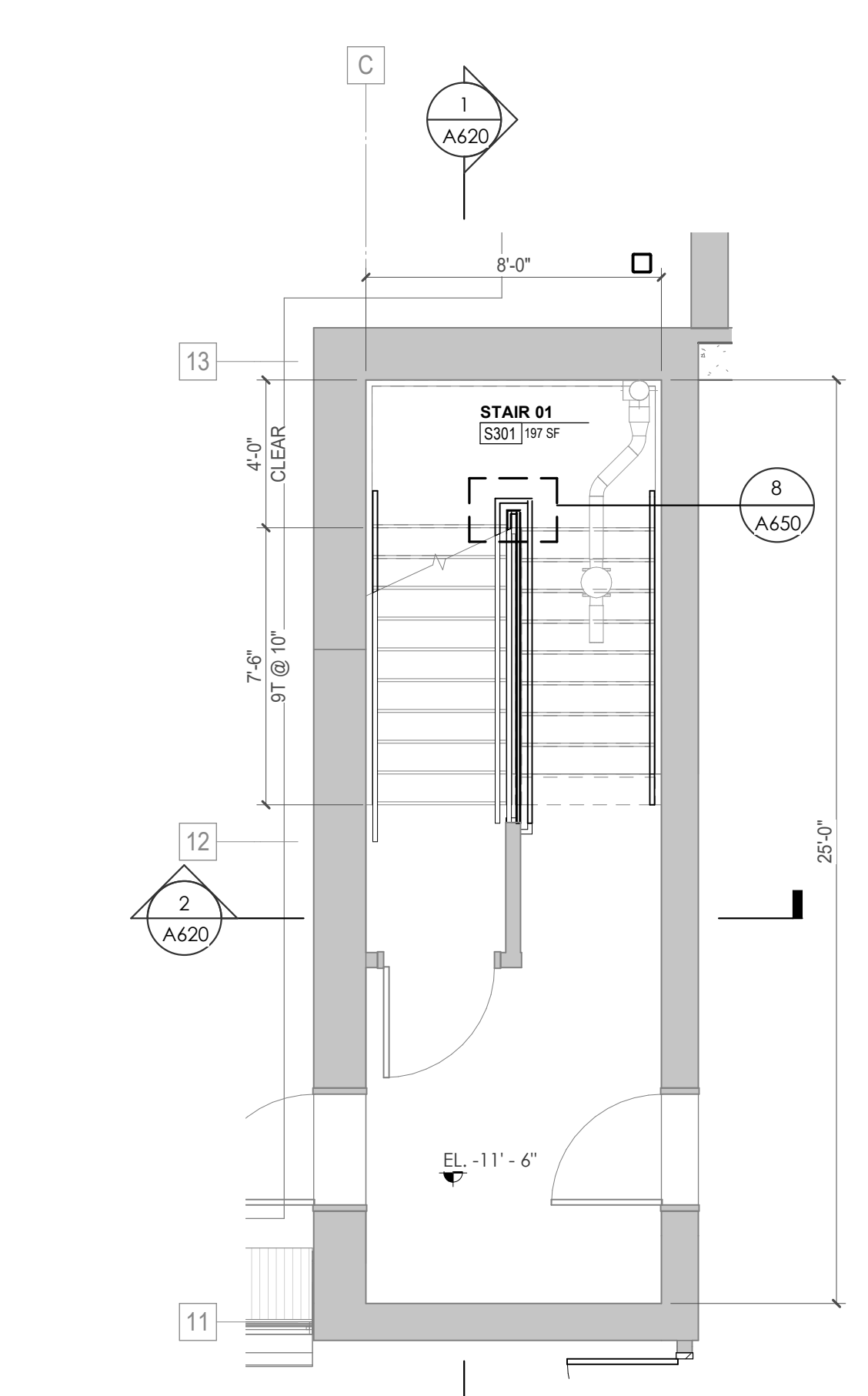
PROVIDE LUMINOUS EGRESS PATH MARKINGS AT THE LEADING EDGE OF EACH STEP, STAIR LANDING, AND AT THE STAIR PERIMETER IN COMPLIANCE WITH IBC 2018 1025.2.1 THROUGH 1025.2.2.

PROVIDE LUMINOUS EGRESS PATH MARKINGS ON ALL HANDRAILS AND EXTENSIONS IN COMPLIANCE WITH IBC 2018 1025.2.3.

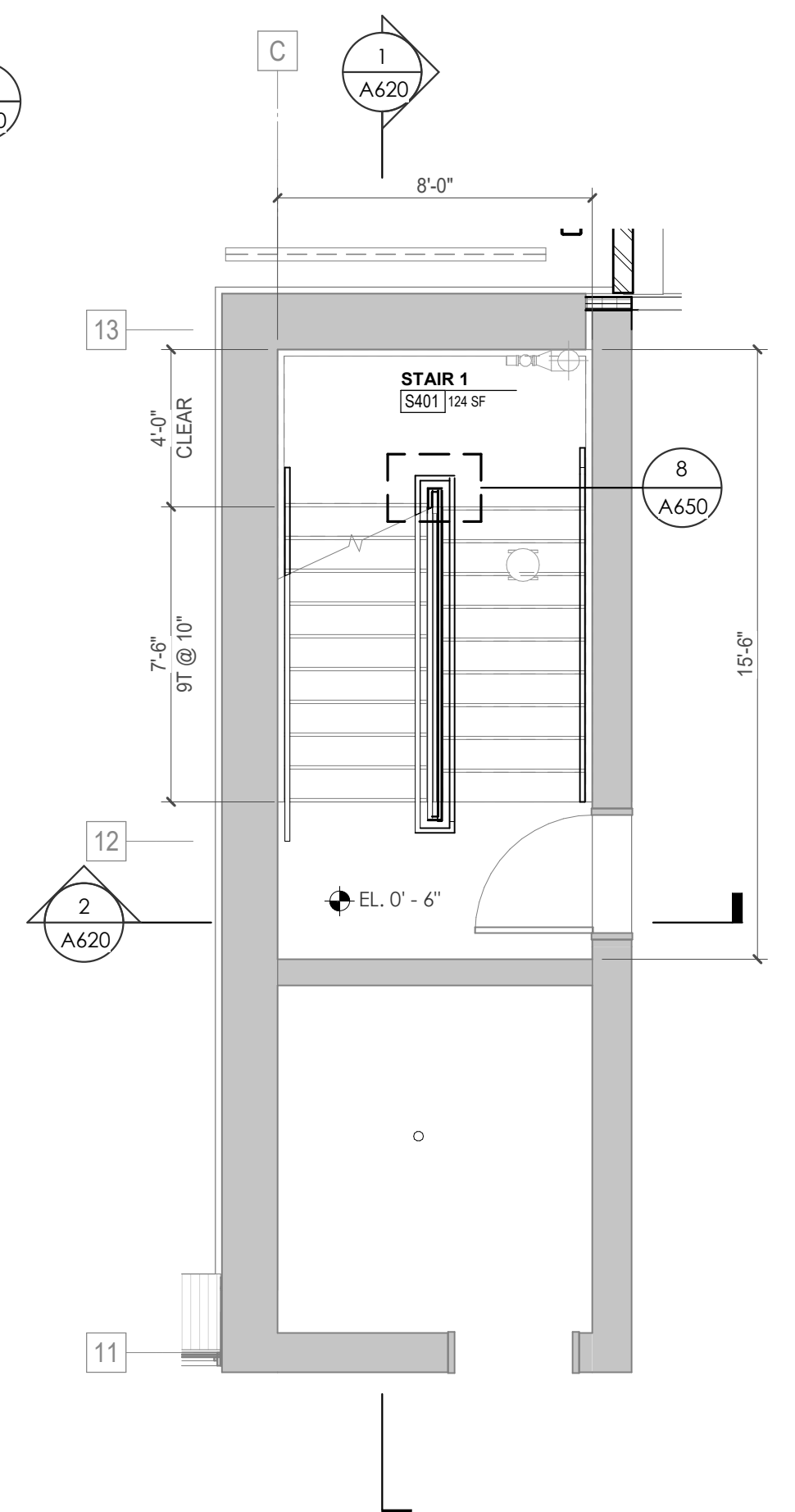
PROVIDE HARDWARE AND LUMINOUS EGRESS MARKINGS ON ALL DOORS WITHIN THE EXIT PATH IN COMPLIANCE WITH IBC 2018 1025.2.6.



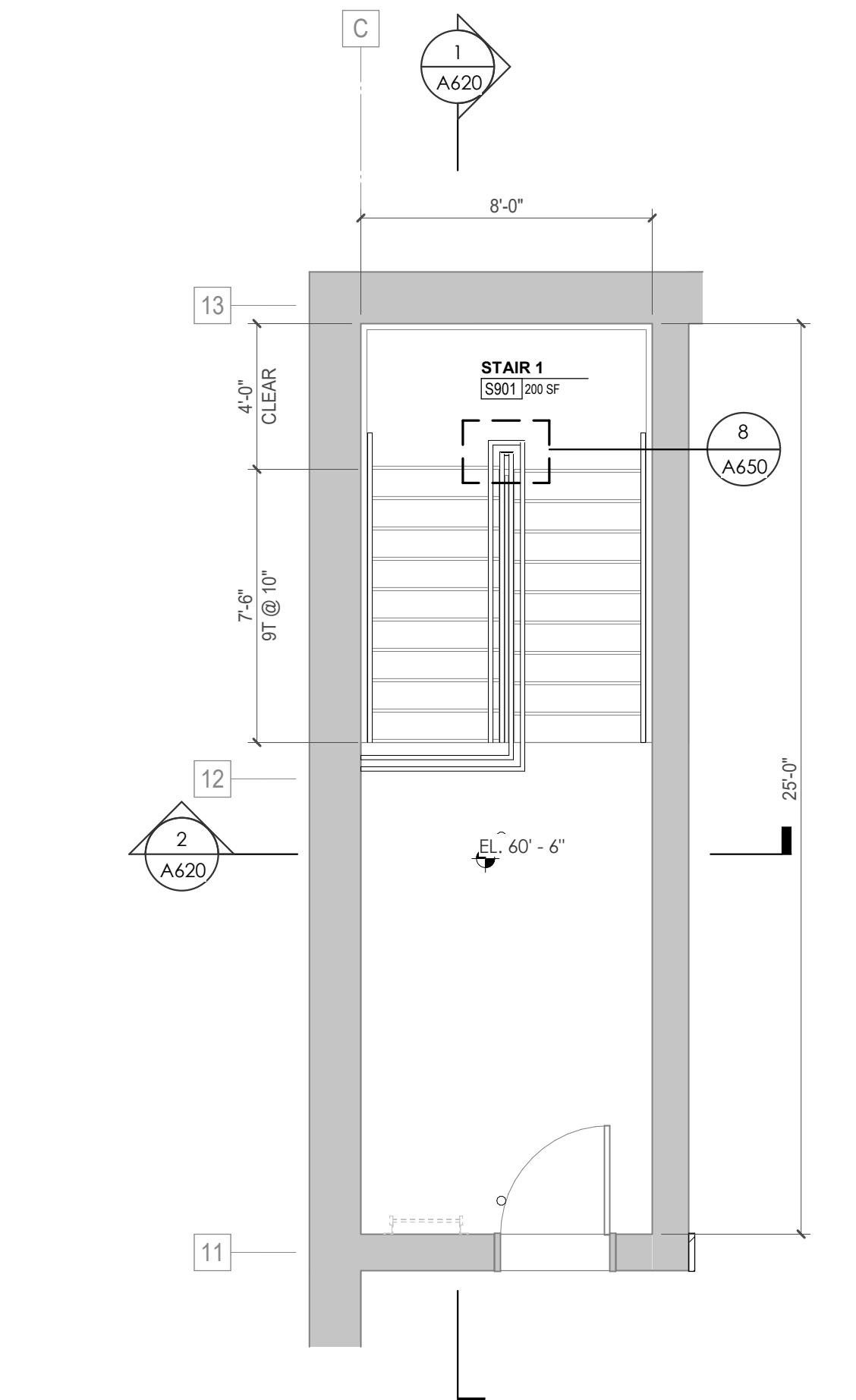
3 POB - LEVEL P1 - STAIR 01 ENLARGED PLAN
1/4" = 1'-0"



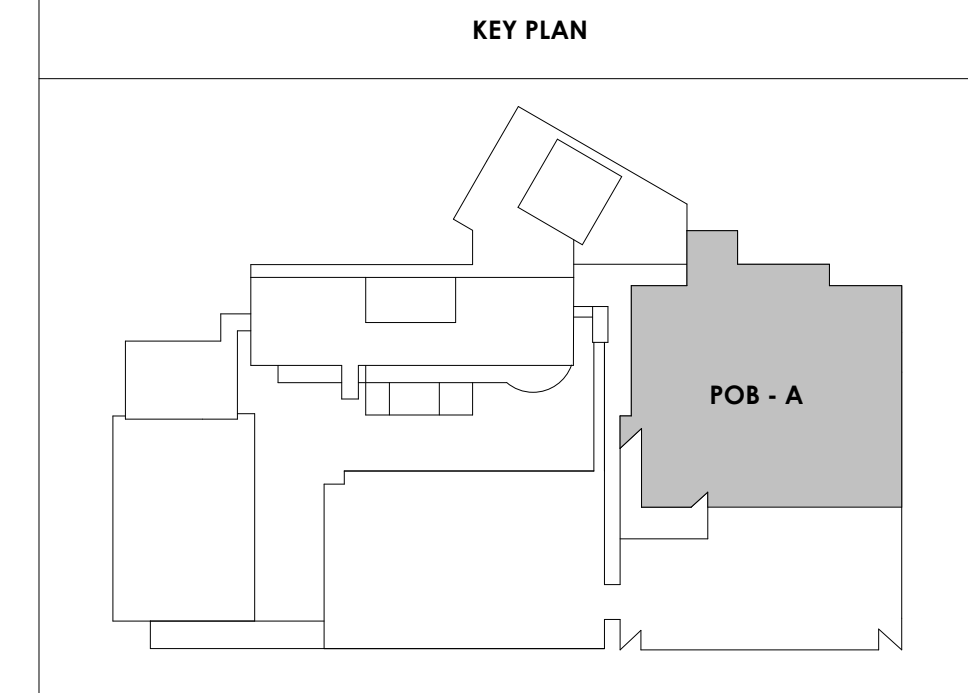
4 POB - LEVEL P3 - STAIR 01 ENLARGED PLAN
1/4" = 1'-0"



5 POB - LEVEL P4 - STAIR 01 ENLARGED PLAN
1/4" = 1'-0"



6 POB - PENTHOUSE - STAIR 01 ENLARGED PLAN
1/4" = 1'-0"



1 POB - STAIR 01 SECTION 01
3/16" = 1'-0"

2 POB - STAIR 01 SECTION 02
3/16" = 1'-0"

PROVIDE LUMINOUS EGRESS PATH MARKINGS AT THE LEADING EDGE OF EACH STEP, STAIR LANDING, AND AT THE STAIR PERIMETER IN COMPLIANCE WITH IBC 2018 1025.2.1 THROUGH 1025.2.2.

PROVIDE LUMINOUS EGRESS PATH MARKINGS ON ALL HANDRAILS AND EXTENSIONS IN COMPLIANCE WITH IBC 2018 1025.2.3.

PROVIDE HARDWARE AND LUMINOUS EGRESS MARKINGS ON ALL DOORS WITHIN THE EXIT PATH IN COMPLIANCE WITH IBC 2018 1025.2.6.

NOTES - CA EXISTING STAIR RENOVATION SCOPE

PER INTERNATIONAL EXISTING BUILDING CODE 503.1 EXCEPTIONS:

1. An existing stairway shall not be required to comply with the requirements of Section 1011 of the International Building Code where the existing space and construction does not allow a reduction in pitch or slope.
2. Handrails otherwise required to comply with Section 1011.11 of the International Building Code shall not be required to comply with the requirements of Section 1014.5 of the International Building Code regarding full extension of the handrails where such extensions would be hazardous because of plan configuration.

PER IBC 1011-1015, REQUIRED STAIR DIMENSIONS:

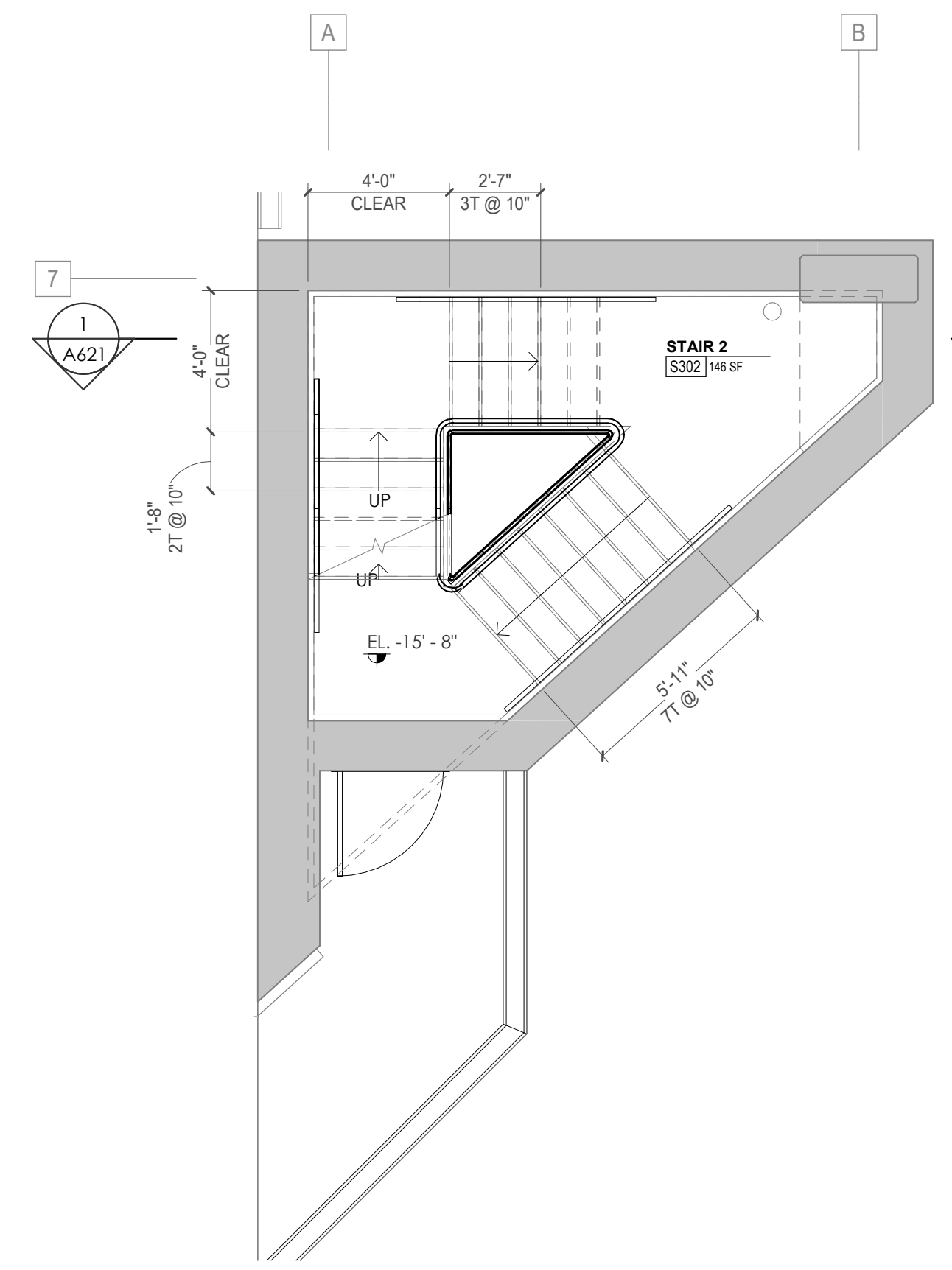
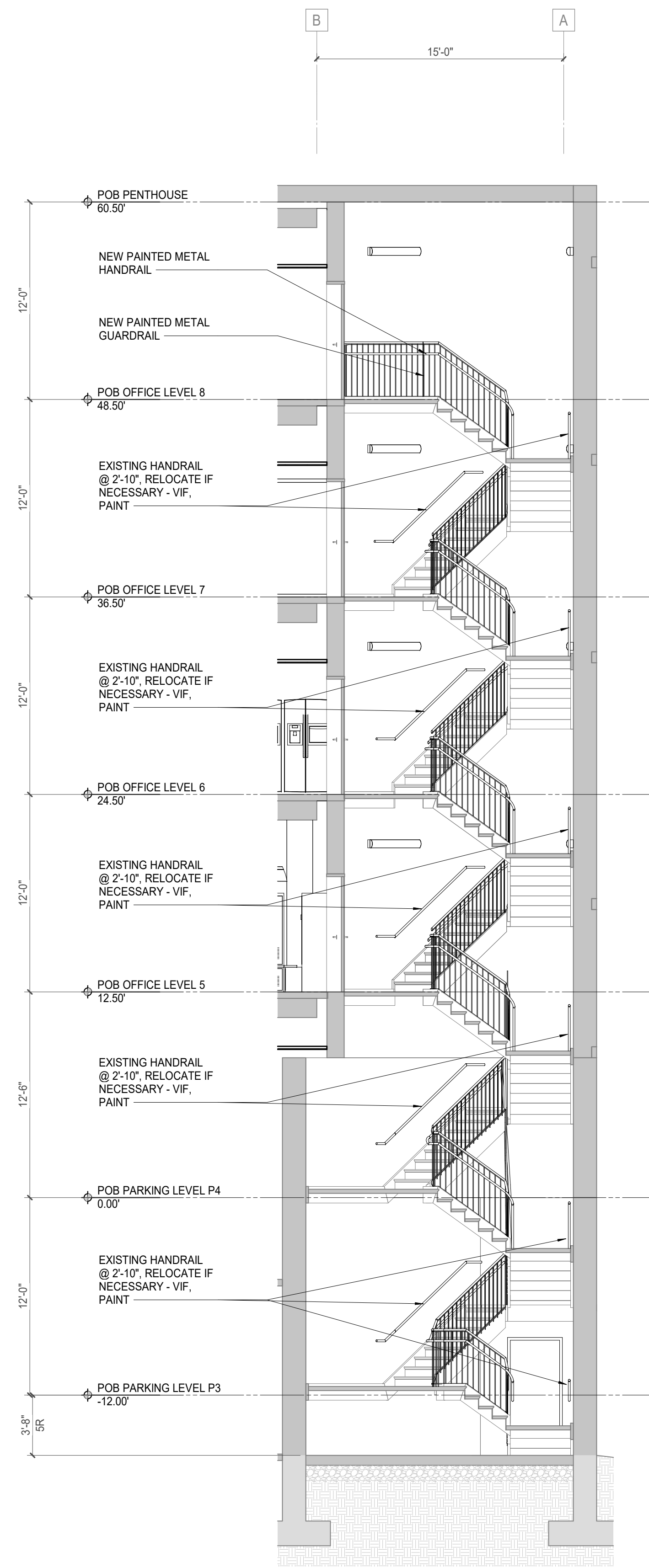
1. IBC 1011.5.2 - Risers shall be 4"-7" tall, tread depths 11" min. Note: existing stairs in Central Annex verified to meet req's.
2. IBC 2018 1014.2 - Existing handrails to remain in all locations. Note: in Central Annex verified to meet vertical height requirement 34"-38" above stair nosing.
3. IBC 2018 1014.6 - Handrail extensions not less than 12" beyond top riser, one tread length below bottom tread.
4. IBC 2018 1015.4 - Required guards shall not have openings that allow passage of a sphere 4" in diameter from the walking surface to the required guard height.

GENERAL NOTES:

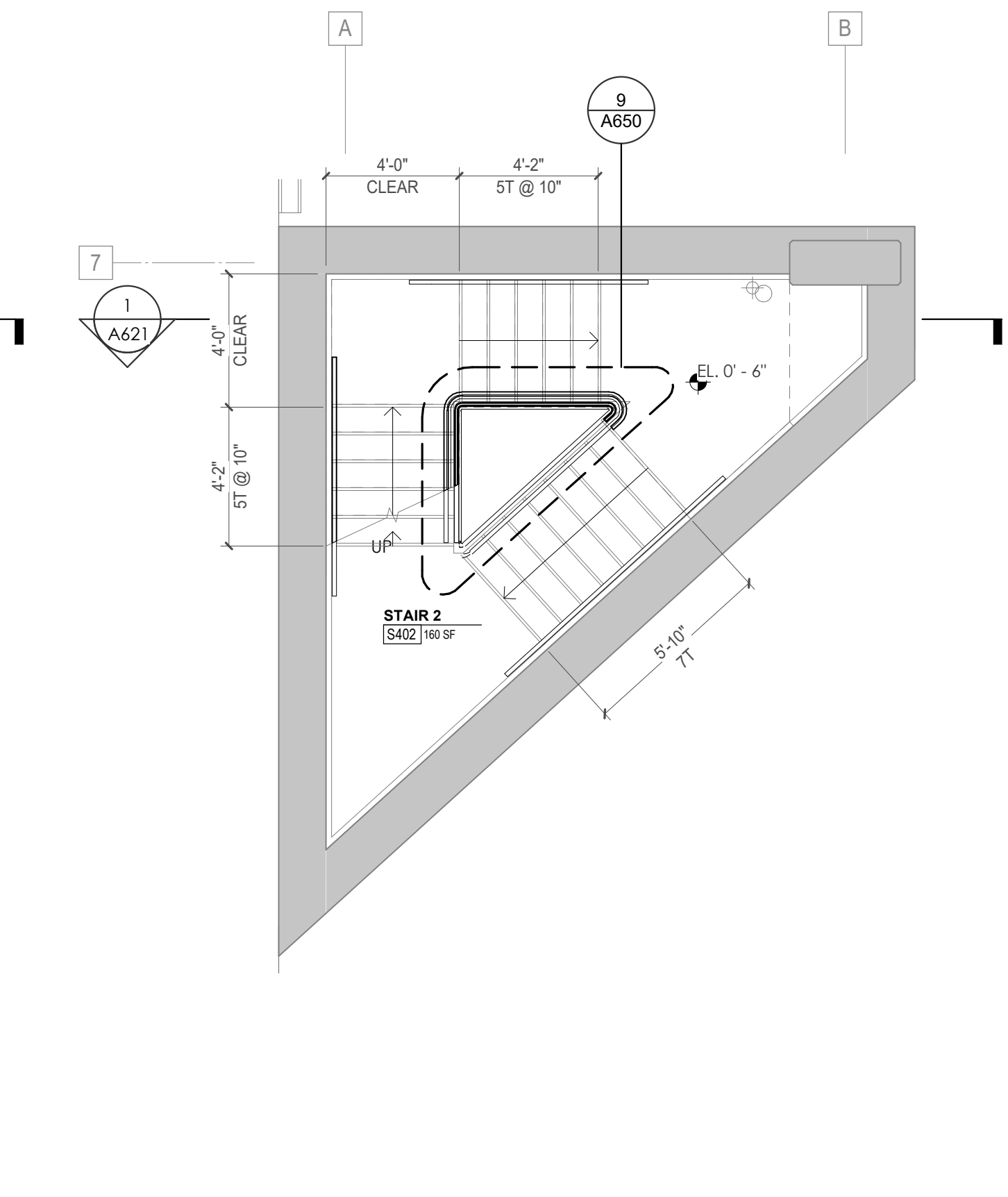
5. All stairs on Central Annex (CA) are noted as existing stairs to remain. Plans are given for general information and location only. New stairs are noted as such. Contractor to verify all dimensions of existing stairs prior to beginning work, notify architect of non-conforming stairs or handrails.
6. All existing handrails, walls, bare metal pipes, exposed structure, & exposed handrails to be cleaned & painted, see finish plans and schedules for info.

KEYNOTES - VERTICAL CIRCULATION

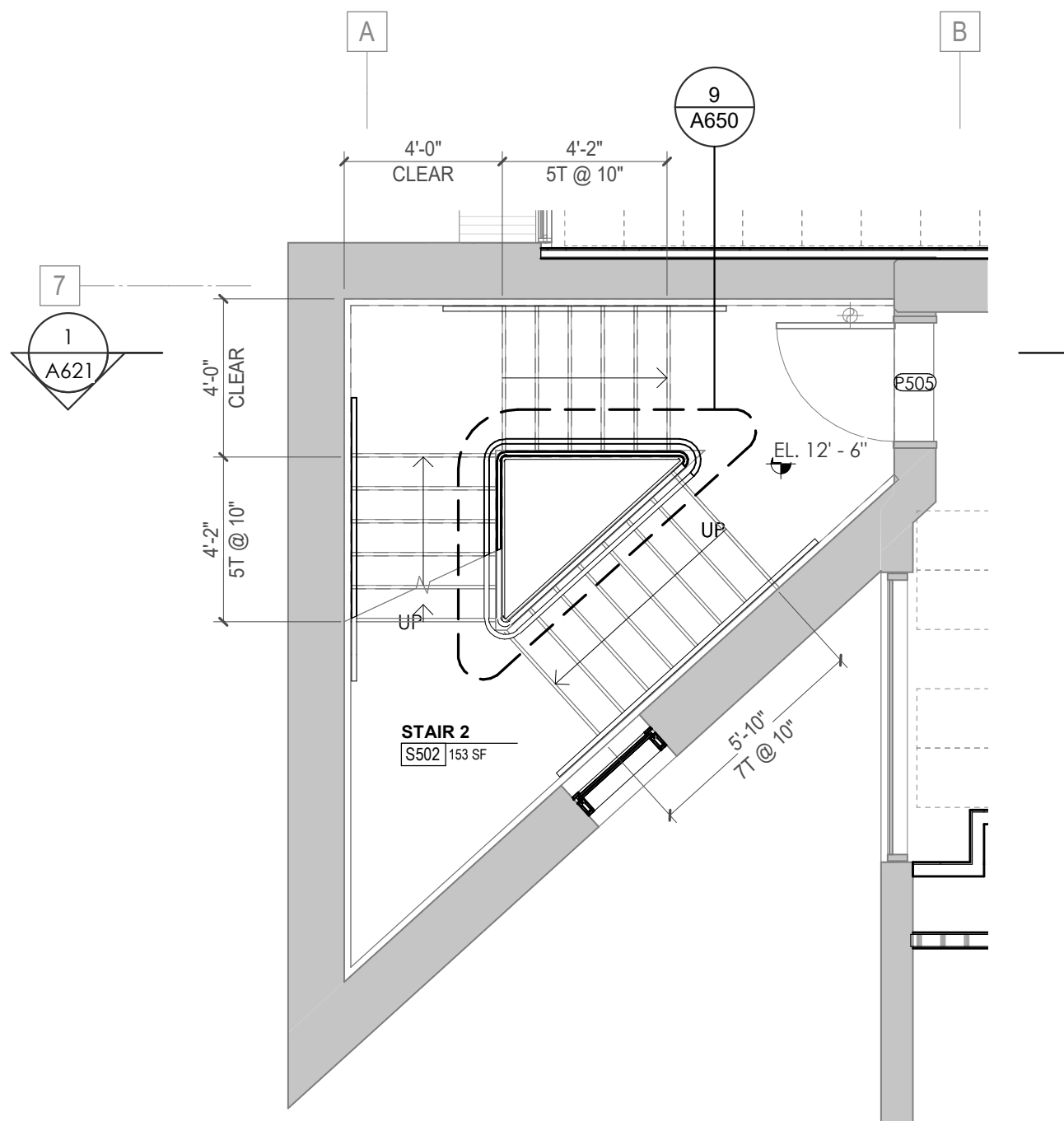
Tag	Text
1	EXISTING STAIR TO REMAIN. CONTRACTOR TO CLEAN, PREP & PAINT
2	EXISTING HANDRAIL TO REMAIN. CONTRACTOR TO CLEAN, PREP & PAINT. SEE FINISH PLANS FOR INFO
3	EXISTING GUARDRAIL TO REMAIN. CONTRACTOR TO CLEAN, PREP & PAINT. SEE FINISH PLANS FOR INFO
4	EXISTING STAIR LANDING TO REMAIN. CONTRACTOR TO CLEAN, PREP & PAINT. SEE FINISH PLANS FOR INFO
5	NEW ALUMINUM ACCESS LADDER TO HATCH AT LOW ROOF. SEE ACCESS LADDER ELEVATION & HATCH DETAIL FOR INFO.
6	LOCATION OF NEW DRY POWER UNIT - SEE ELEVATOR CONTRACTOR REPAIR & REPLACEMENT REQS
7	CONTRACTOR TO REMOVE EXISTING ELEVATOR EQUIPMENT, CONTROLS, & HYDRAULIC PISTON ELEVATOR. REPLACE WITH NEW 4 STOP HYDRAULIC ELEVATOR. CONTRACTOR TO PROVIDE NEW INTERIOR FINISHES. SEE INTERIOR ELEVATIONS.
8	STEEL STRUCTURAL RAILS & CAR TO REMAIN. CONTRACTOR TO REFINISH INTERIOR FINISHES. SEE INTERIOR ELEVATIONS
9	EXISTING DOOR FRAME & ELEVATOR DOORS TO REMAIN. SEE ELEVATIONS & DETAIL FOR NEW SURROUND AT EXISTING FRAMES
10	NEW HOLLOW METAL ELEVATOR FRAME & DOOR. TO MATCH EXISTING. WITH MTL STUD & SOLID SURFACE SURROUND. TYP. ALL ELEVATOR LOCATIONS.
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12	CONTRACTOR TO REMOVE EXISTING HANDRAIL AND GUARDRAIL AND PROVIDE NEW STEEL PIPE HANDRAIL AND GUARDRAIL (PAINTED). SEE RAIL DETAILS SHEET A650
13	REMOVE DOOR FRAME & ELEVATOR DOORS. REPLACE WITH NEW MTL STUD FRAMING & GYP. BD. FINISH, TO MATCH EXISTING ADJACENT.
14	ELEVATOR TO BE DECOMMISSIONED & TAKEN OFFLINE AS REQ'D.
15	EXISTING ELEVATOR DOOR & FRAME TO REMAIN. CONTRACTOR TO CLEAN & PREP AS REQ'D
16	NEW SOLID SURFACE DETAIL SURROUND AT ALL INTERIOR ELEVATOR OPENINGS.
17	STEEL STRUCTURAL RAILS & CAR TO REMAIN. CONTRACTOR TO PROVIDE NEW INTERIOR FINISHES. SEE INTERIOR ELEVATIONS
18	CONTRACTOR TO REMOVE EXISTING GUARDRAIL AND PROVIDE NEW GALVANIZED STEEL PIPE GUARDRAIL (PAINTED). SEE RAIL DETAILS SHEET A650
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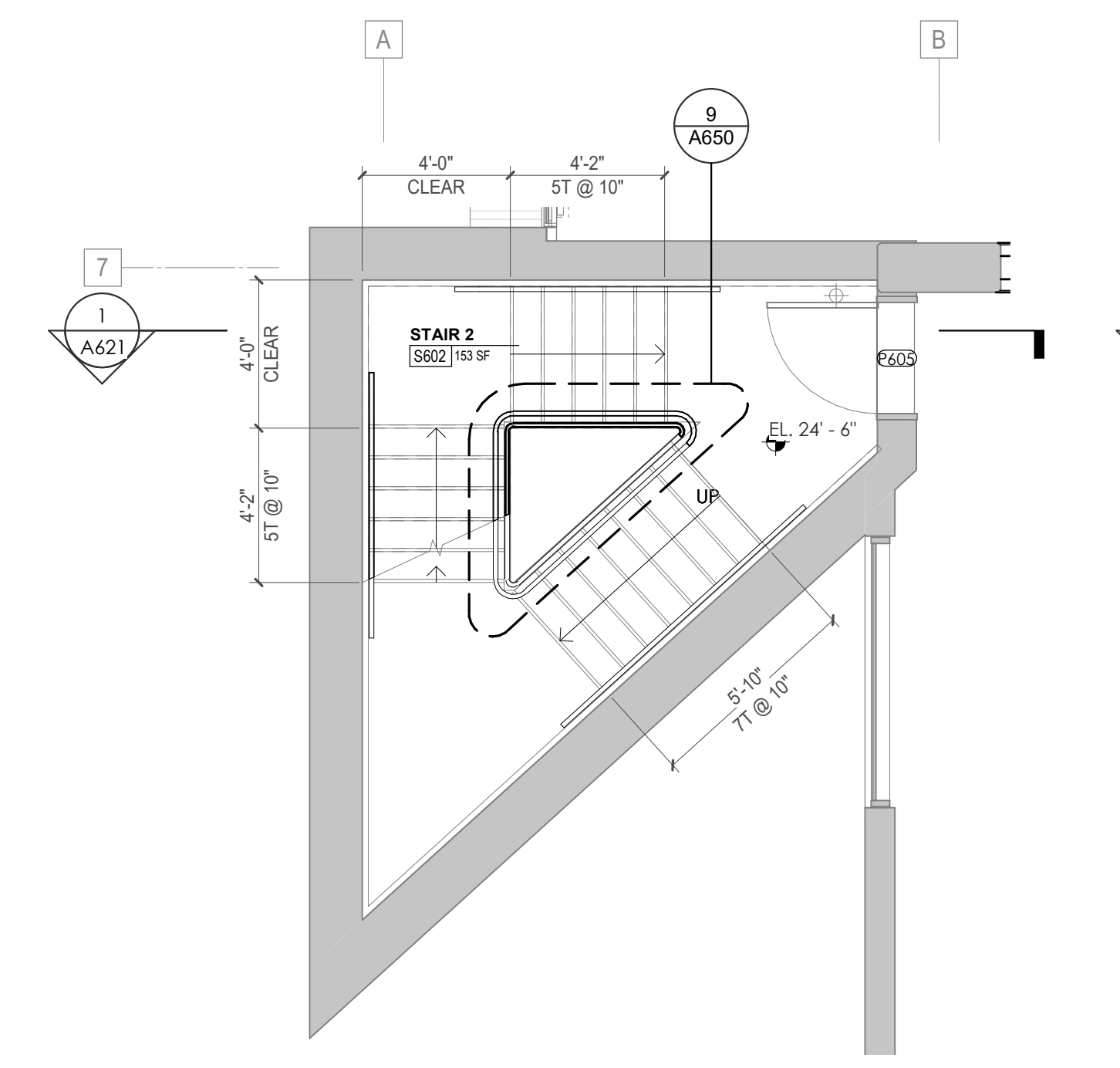
2 POB - LEVEL P3 - STAIR 02 ENLARGED PLAN
1/4" = 1'-0"



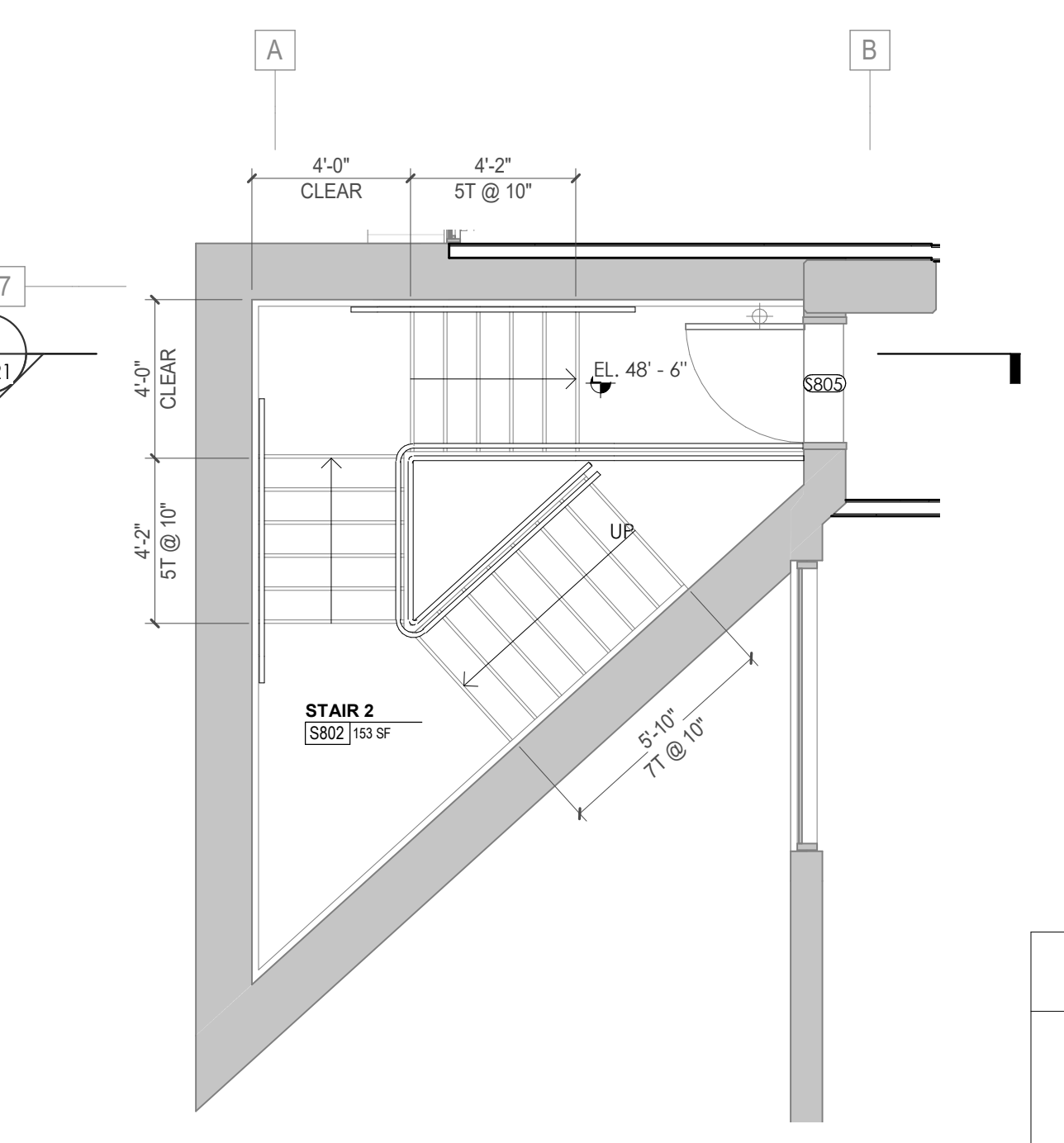
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1/4" = 1'-0"



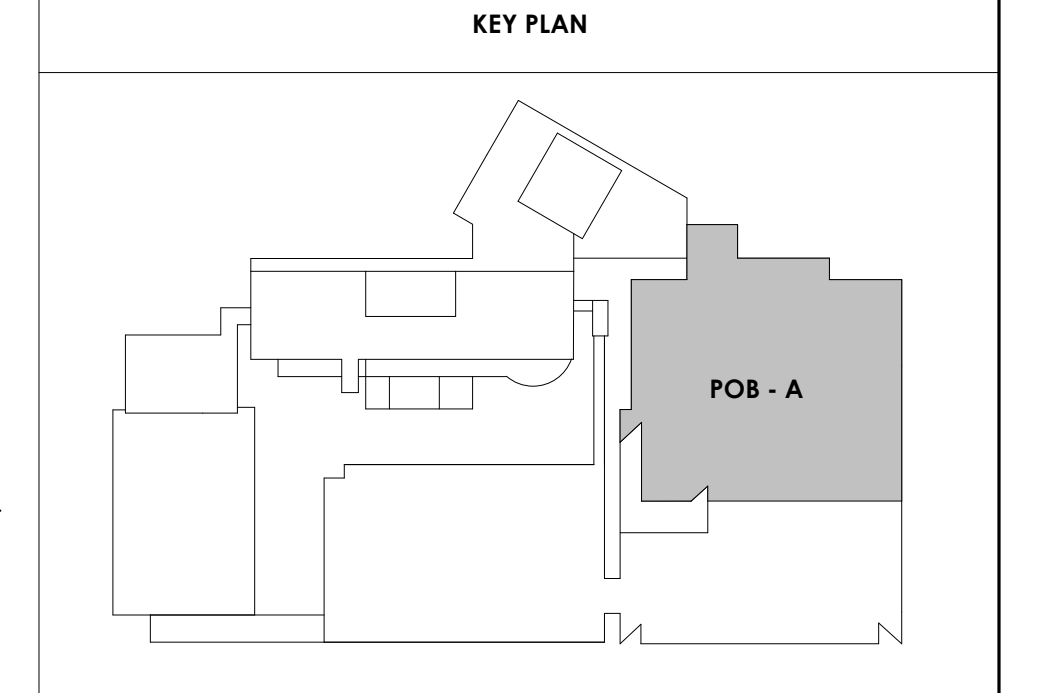
4 POB - LEVEL 5 - STAIR 02 ENLARGED PLAN
1/4" = 1'-0"



5 POB - LEVEL 6 - STAIR 02 ENLARGED PLAN
1/4" = 1'-0"



6 POB - LEVEL 8 - STAIR 02 ENLARGED PLAN
1/4" = 1'-0"



Project Information:

19018

COK SAFETY BUILDING

900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:

Architects Design Group

#	ISSUE	DATE
4	ADD #M.1	03/03/21

Issue Date:	FEBRUARY 1, 2021
PK:	DAVID COLLINS
PM:	JOHN THURMAN
PA:	LAUREN BUSH /
Drawn By:	Author
Checked By:	BP

Drawing Info:

A621

POB - STAIR ENLARGED PLANS AND SECTIONS



Project Information:

19018

COK SAFETY BUILDING

900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:

Architects Design Group

#	ISSUE	DATE
4	ADD #M.1	03/03/21

Issue Date: FEBRUARY 1, 2021
 PIC: DAVID COLLINS
 PM: JOHN THURMAN
 PA: LAUREN BUSH /
 Drawn By: Author
 Checked By: BP

Drawing Info:

A622

POB - STAIR ENLARGED PLANS AND SECTIONS

NOTES - CA EXISTING STAIR RENOVATION SCOPE

PER INTERNATIONAL EXISTING BUILDING CODE 503.1 EXCEPTIONS:

1. An existing stairway shall not be required to comply with the requirements of Section 1011.1 of the International Building Code where the existing space and construction does not allow a reduction in pitch or slope.
2. Handrails otherwise required to comply with Section 1011.11 of the International Building Code shall not be required to comply with the requirements of Section 1015.5 of the International Building Code regarding full extension of the handrails where such extensions would be hazardous because of plan configuration.

PER IBC 1011-1015, REQUIRED STAIR DIMENSIONS:

1. IBC 1011.5.2 - Risers shall be 4"-7" tall, tread depths 11" min. Note: existing stairs in Central Annex verified to meet req's.
2. IBC 2018 1014.2 - Existing handrails to remain in all locations. Note: in Central Annex verified to meet vertical height requirement 34"-38" above stair nosing.
3. IB 2018 1014.6 - Handrail extensions not less than 12" beyond top riser, one tread length below bottom tread.
4. IBC 2018 1015.4 - Required guards shall not have openings that allow passage of a sphere 4" in diameter from the walking surface to the required guard height.

GENERAL NOTES:

5. All stairs on Central Annex (CA) are noted as existing stairs are to remain. Plans are given for general information and location only. New stairs are noted as such. Contractor to verify all dimensions of existing stairs prior to beginning work, notify architect of non-conforming stairs or handrails.
6. All existing handrails, walls, bare metal pipes, exposed structure, & exposed handrails to be cleaned & painted, see finish plans and schedules for info.

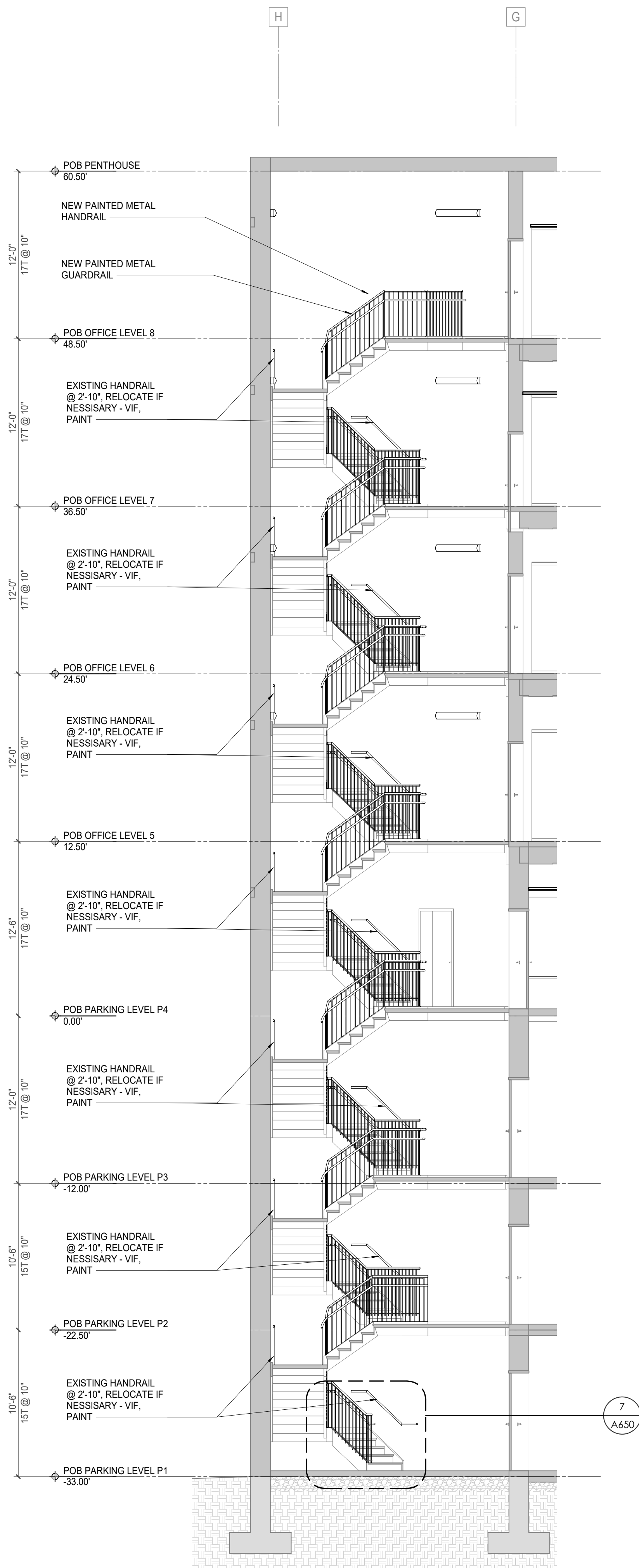
KEYNOTES - VERTICAL CIRCULATION

Tag	Text
1	EXISTING STAIR TO REMAIN. CONTRACTOR TO CLEAN, PREP & PAINT
2	EXISTING HANDRAIL TO REMAIN. CONTRACTOR TO CLEAN, PREP & PAINT. SEE FINISH PLANS FOR INFO
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4	EXISTING STAIR LANDING TO REMAIN. CONTRACTOR TO CLEAN, PREP & PAINT. SEE FINISH PLANS FOR INFO
5	NEW ALUMINUM ACCESS LADDER TO HATCH AT LOW ROOF. SEE ACCESS LADDER ELEVATION & HATCH DETAIL FOR INFO.
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7	CONTRACTOR TO REMOVE EXISTING ELEVATOR EQUIPMENT, CONTROLS, & HYDRAULIC PISTON ELEVATOR. REPLACE WITH NEW 4-STOP HYDRAULIC ELEVATOR. CONTRACTOR TO PROVIDE NEW INTERIOR FINISHES. SEE INTERIOR ELEVATIONS
8	STEEL STRUCTURAL RAILS & CAR TO REMAIN. CONTRACTOR TO REFINISH ELEVATOR EQUIPMENT & SYSTEMS. CONTRACTOR TO PROVIDE NEW INTERIOR FINISHES. SEE INTERIOR ELEVATIONS
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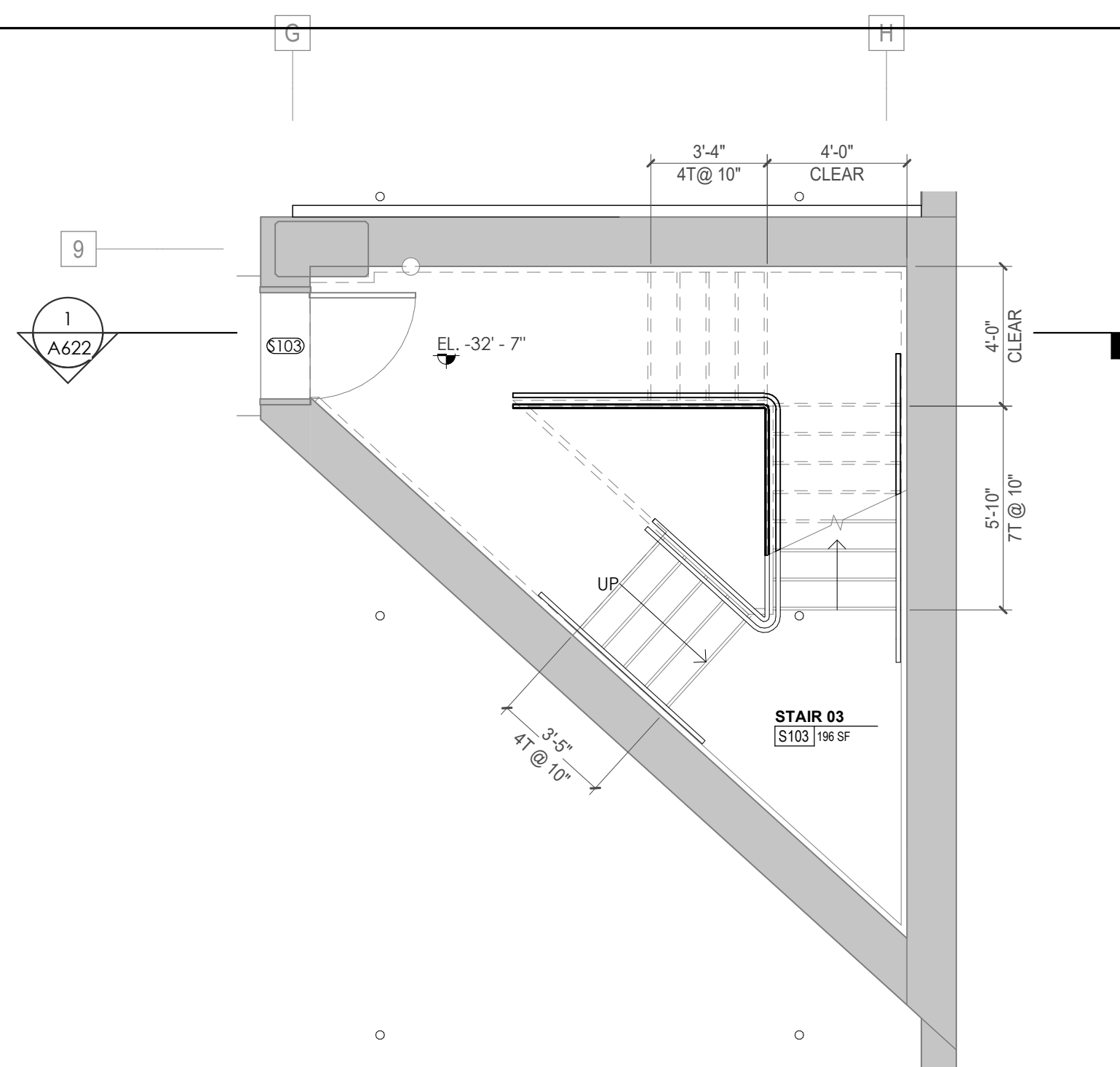
PROVIDE LUMINOUS EGRESS PATH MARKINGS AT THE LEADING EDGE OF EACH STEP, STAIR LANDING, AND AT THE STAIR PERIMETER IN COMPLIANCE WITH IBC 2018 1025.2.1 THROUGH 1025.2.2.

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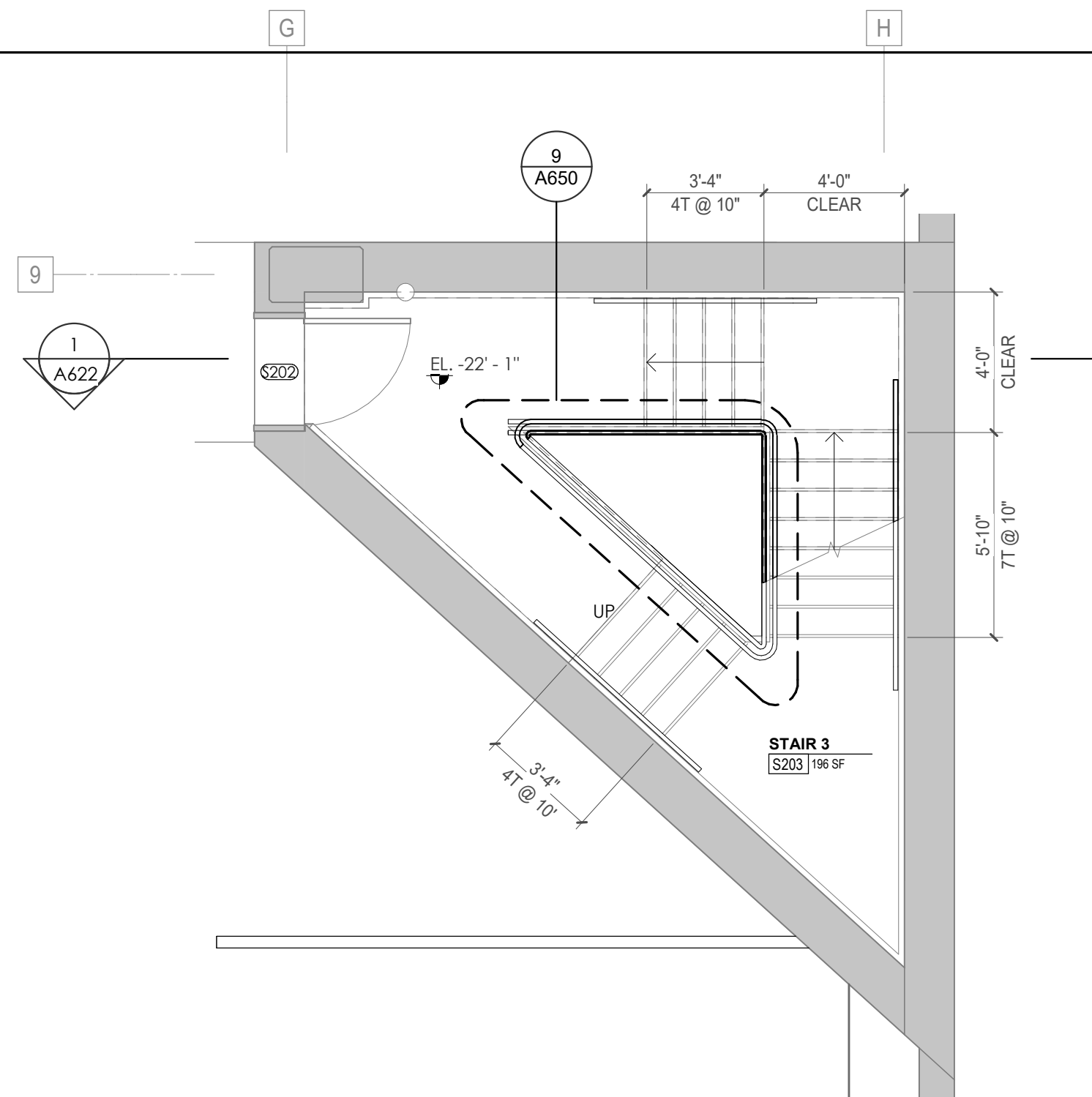
PROVIDE HARDWARE AND LUMINOUS EGRESS MARKINGS ON ALL DOORS WITHIN THE EXIT PATH IN COMPLIANCE WITH IBC 2018 1025.2.6.



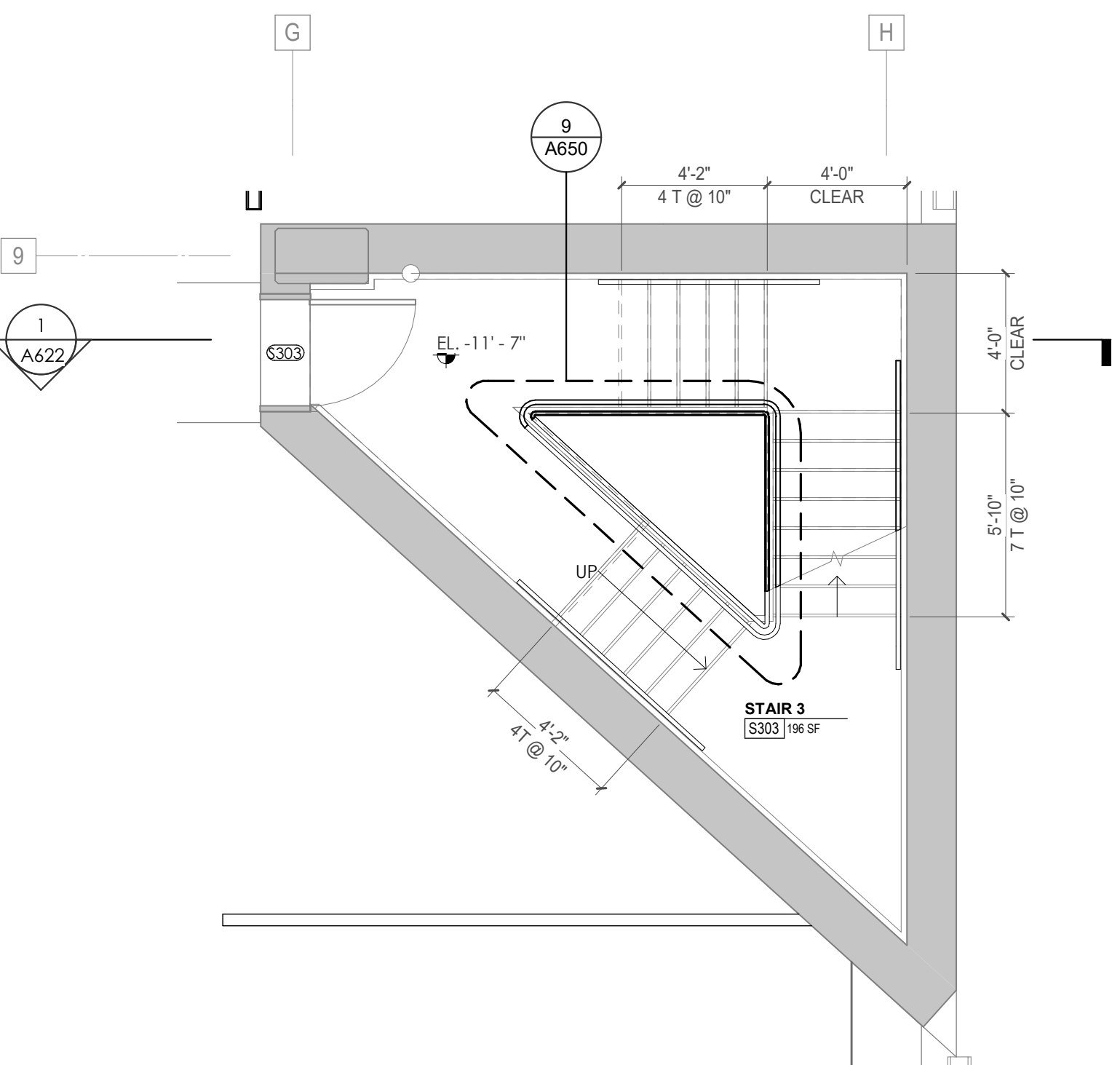
1 A622 POB - STAIR 03 SECTION 01
3/16" = 1'-0"



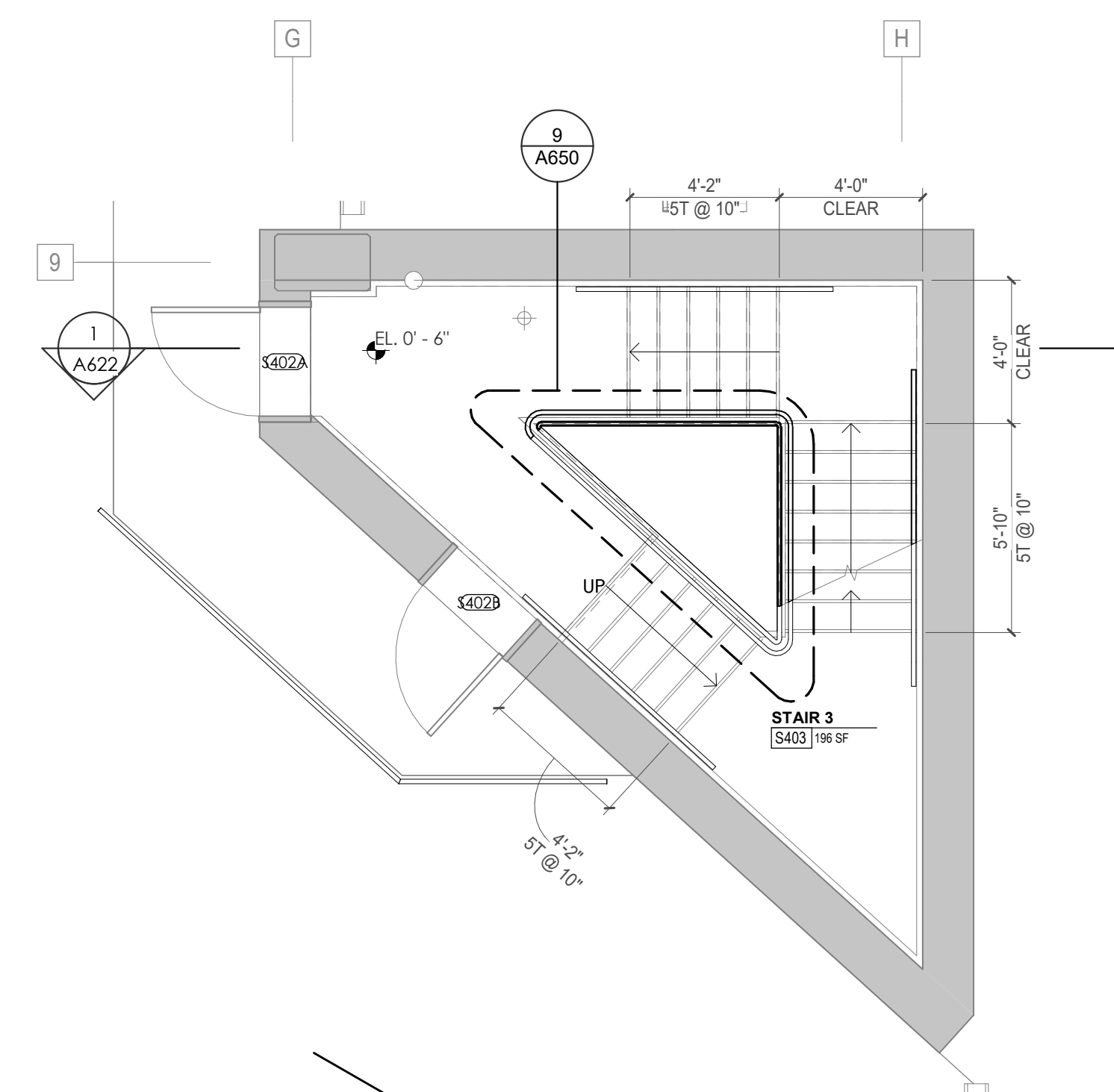
2 A622 POB - LEVEL P1 - STAIR 03 ENLARGED PLAN
1/4" = 1'-0"



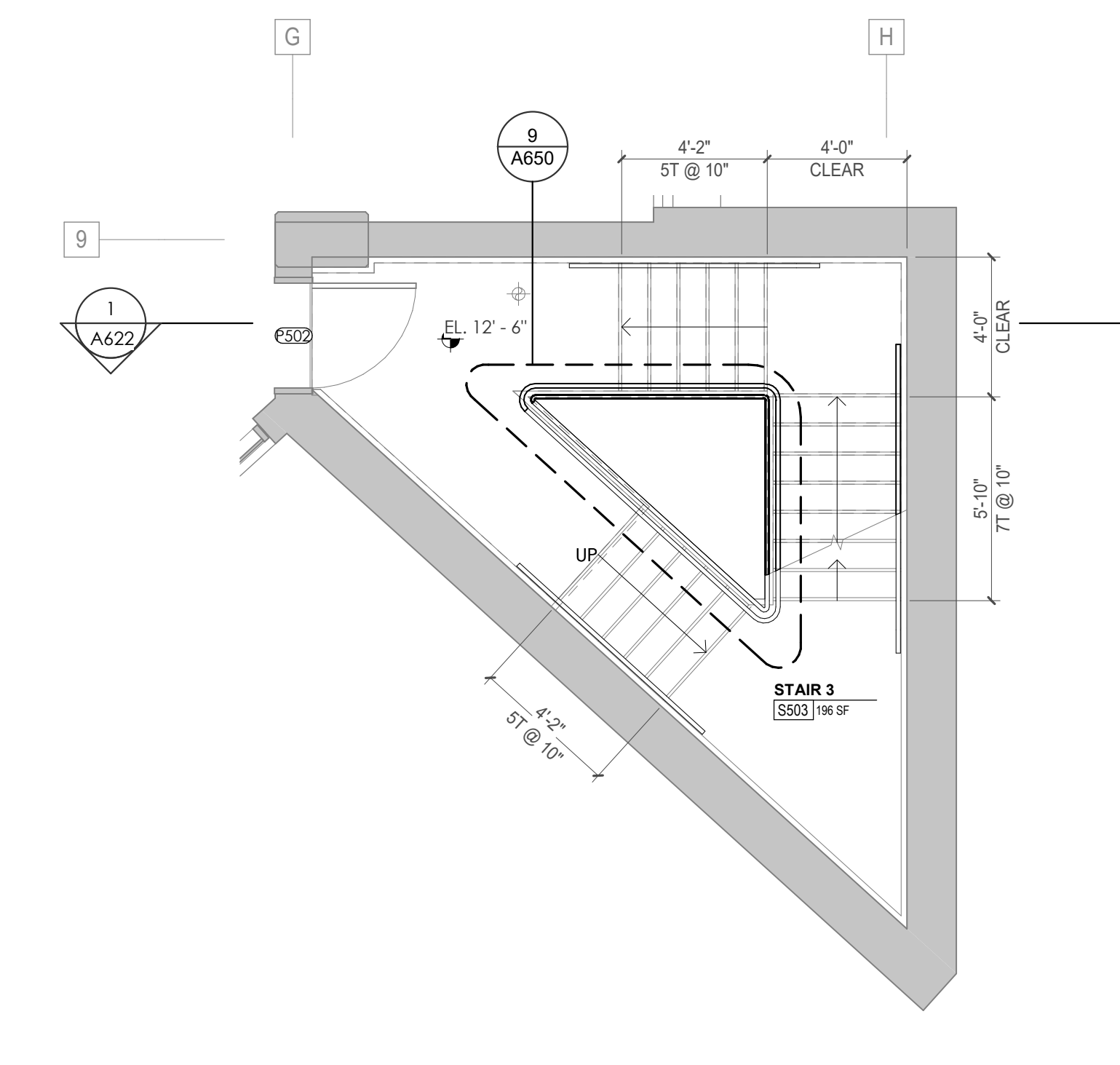
3 A622 POB - LEVEL P2 - STAIR 03 ENLARGED PLAN
1/4" = 1'-0"



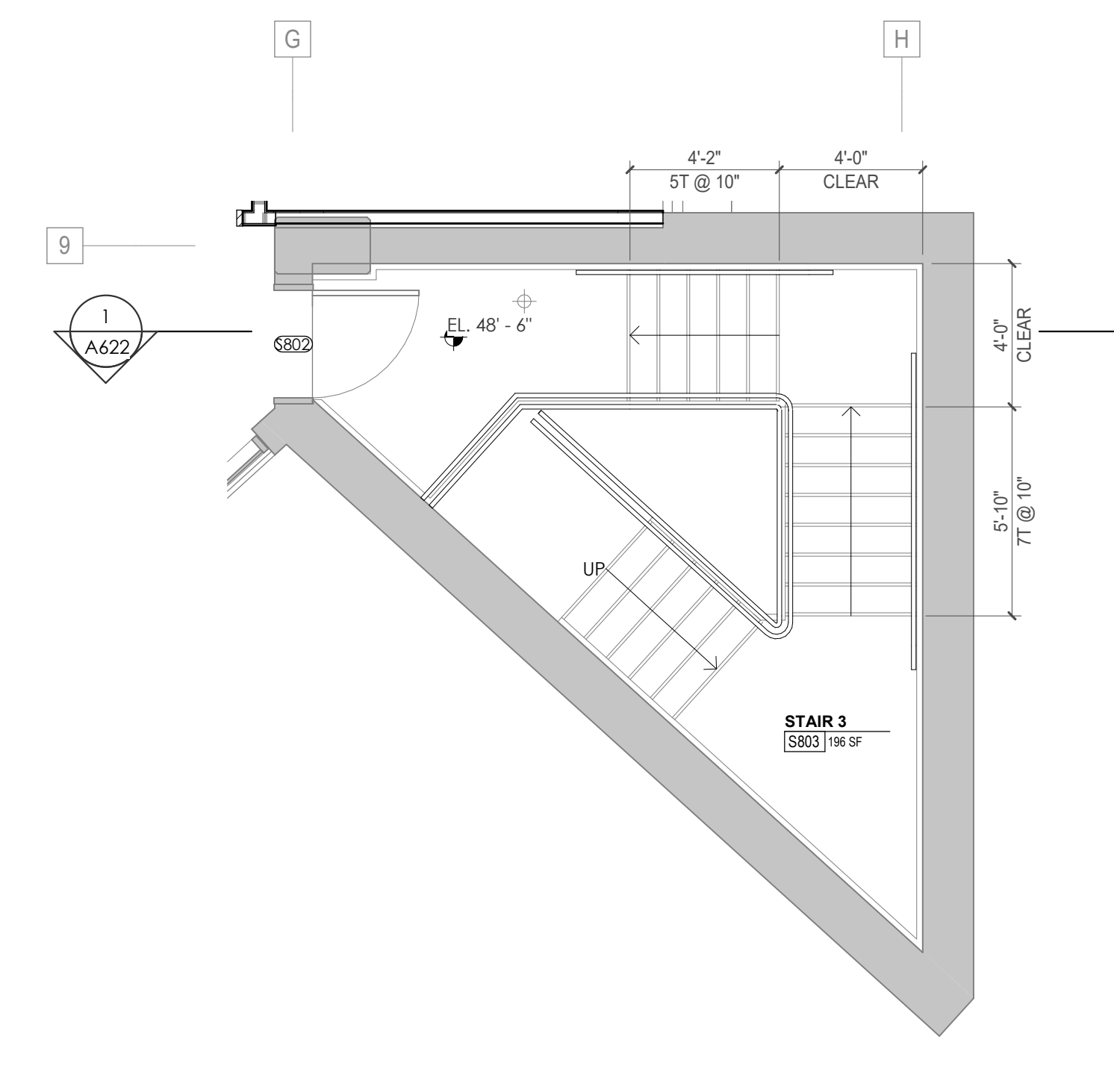
4 A622 POB - LEVEL P3 - STAIR 03 ENLARGED PLAN
1/4" = 1'-0"



5 A622 POB - LEVEL P4 - STAIR 03 ENLARGED PLAN
1/4" = 1'-0"

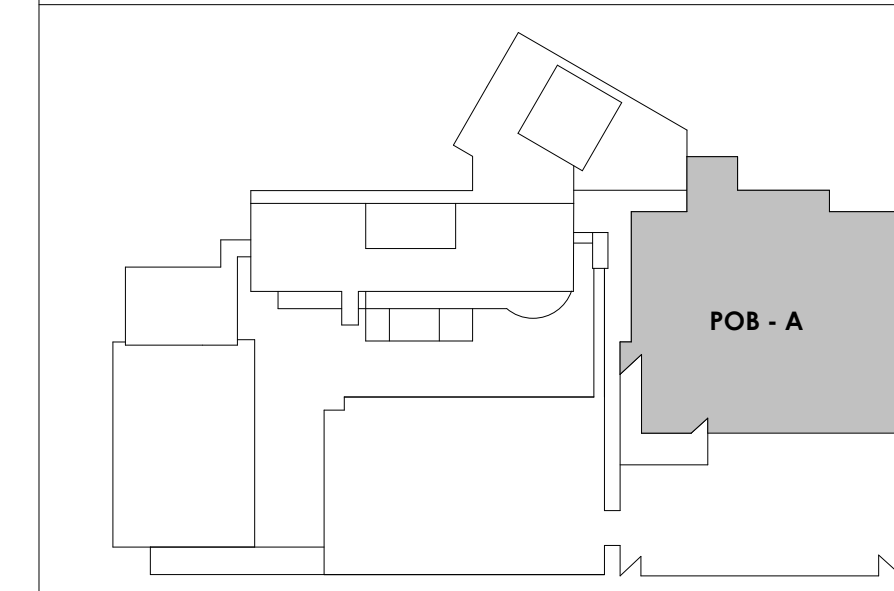


6 A622 POB - LEVEL P5 - STAIR 03 ENLARGED PLAN
1/4" = 1'-0"



7 A622 POB - LEVEL 8 - STAIR 03 ENLARGED PLAN
1/4" = 1'-0"

KEY PLAN





Project Information:

19018

COK SAFETY BUILDING

900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:

Architects Design Group

#	ISSUE	DATE
4	ADD #04.1	03/03/21

Issue Date:	FEBRUARY 1, 2021
PK:	DAVID COLLINS
PM:	JOHN THURMAN
PA:	LAUREN BUSH /
Drawn By:	Author
Checked By:	BP

Drawing Info:

A623

POB - STAIR ENLARGED PLANS AND SECTIONS

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NOTES - CA EXISTING STAIR RENOVATION SCOPE

PER INTERNATIONAL EXISTING BUILDING CODE 503.1 EXCEPTIONS:

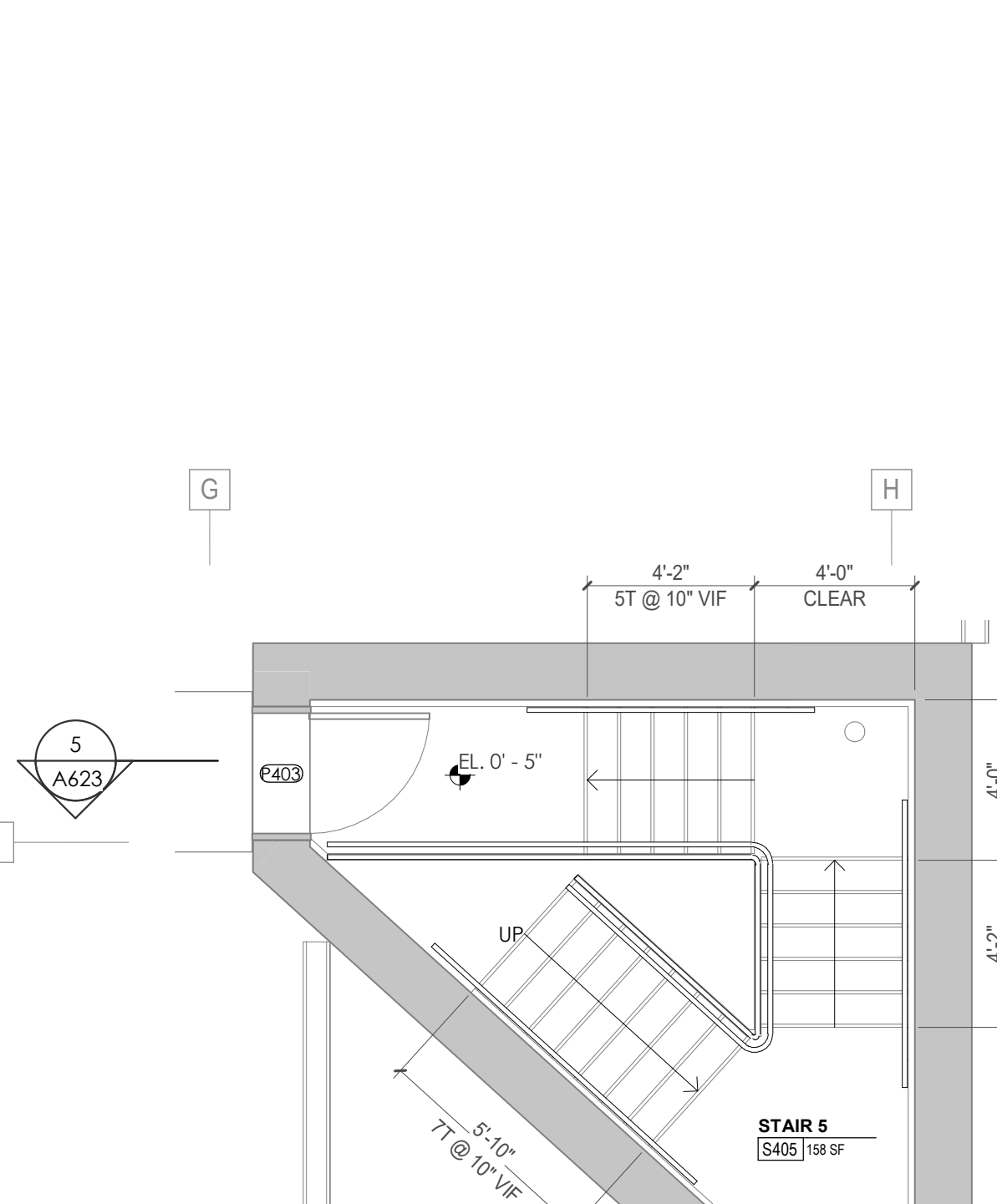
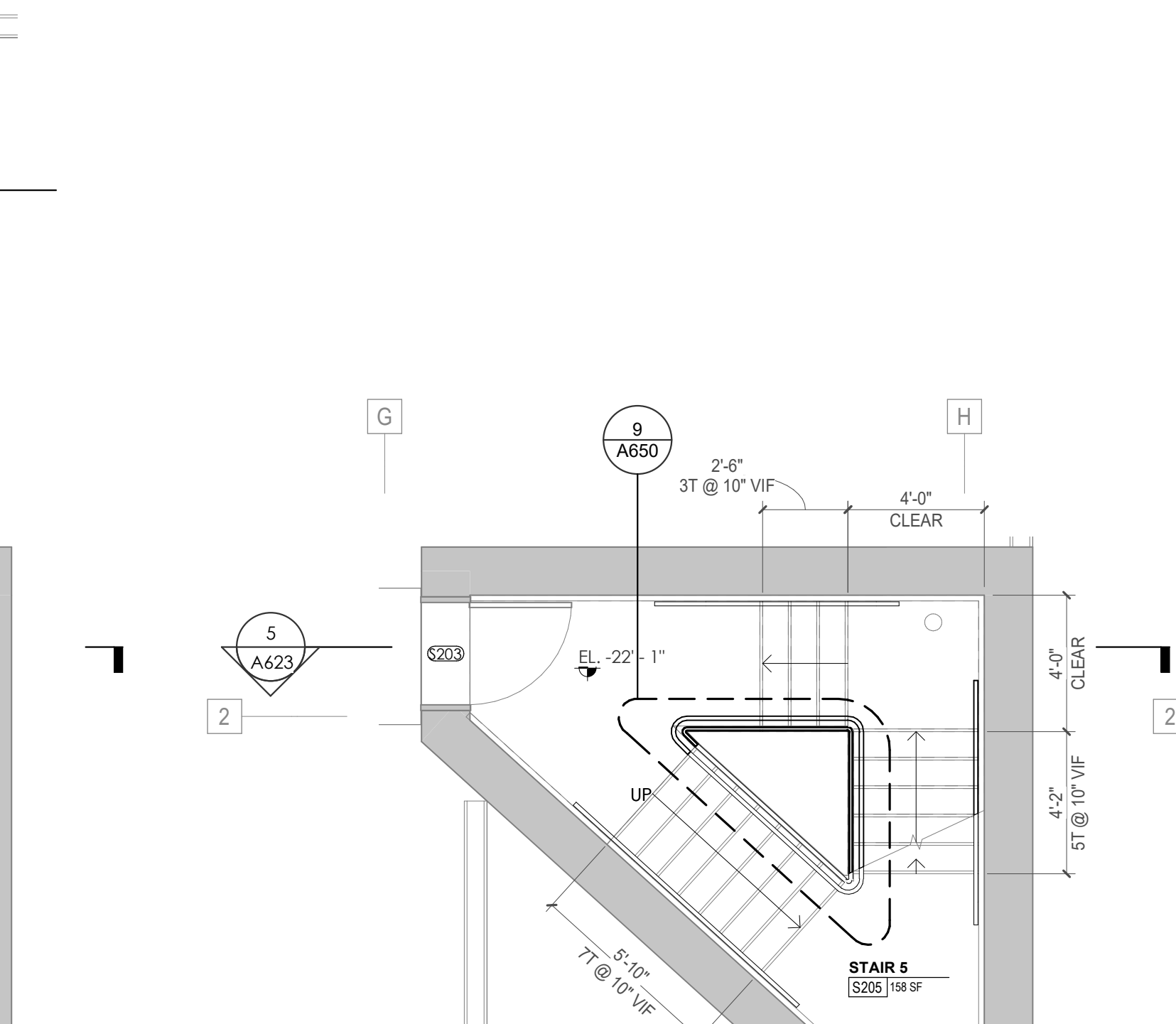
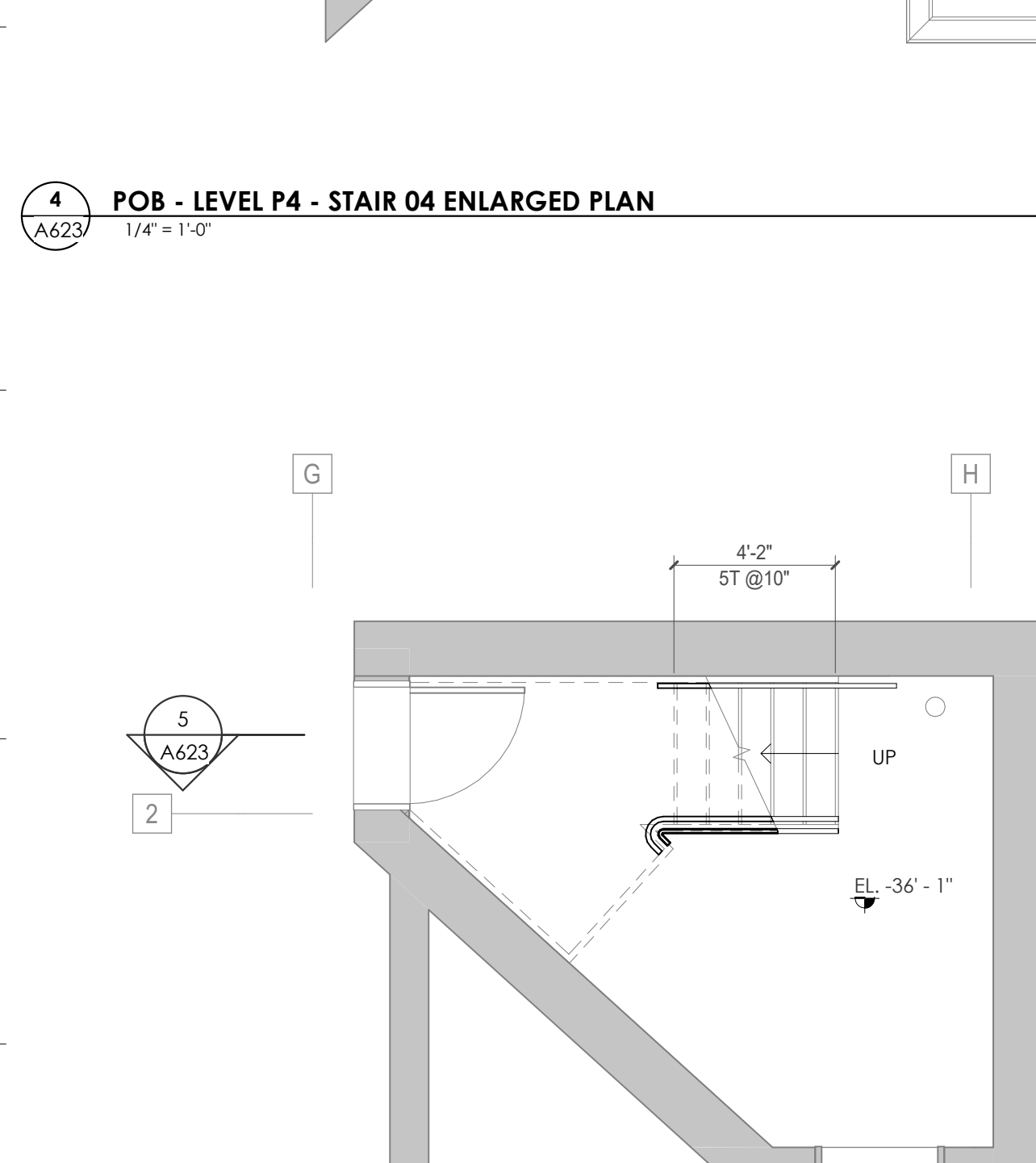
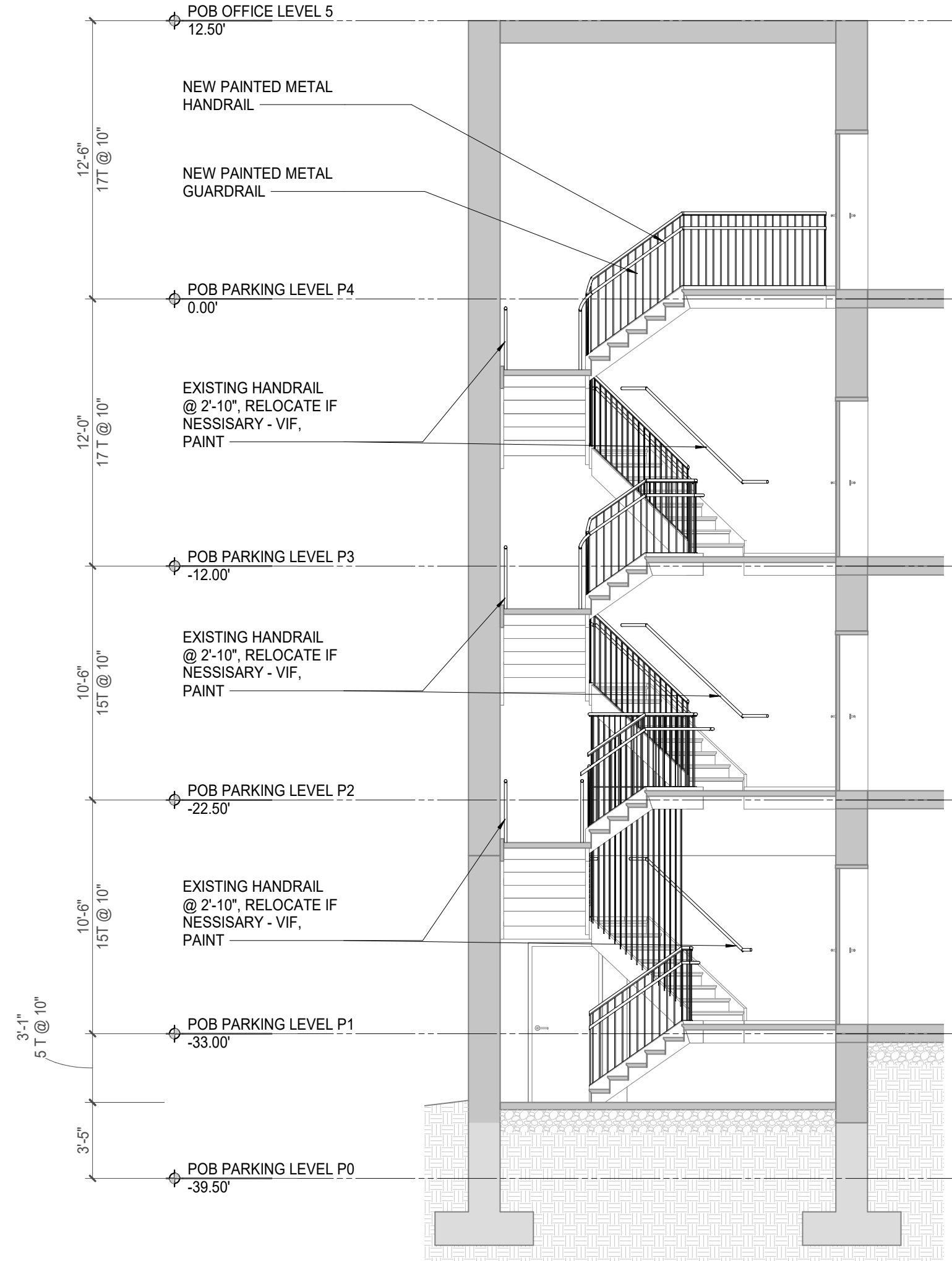
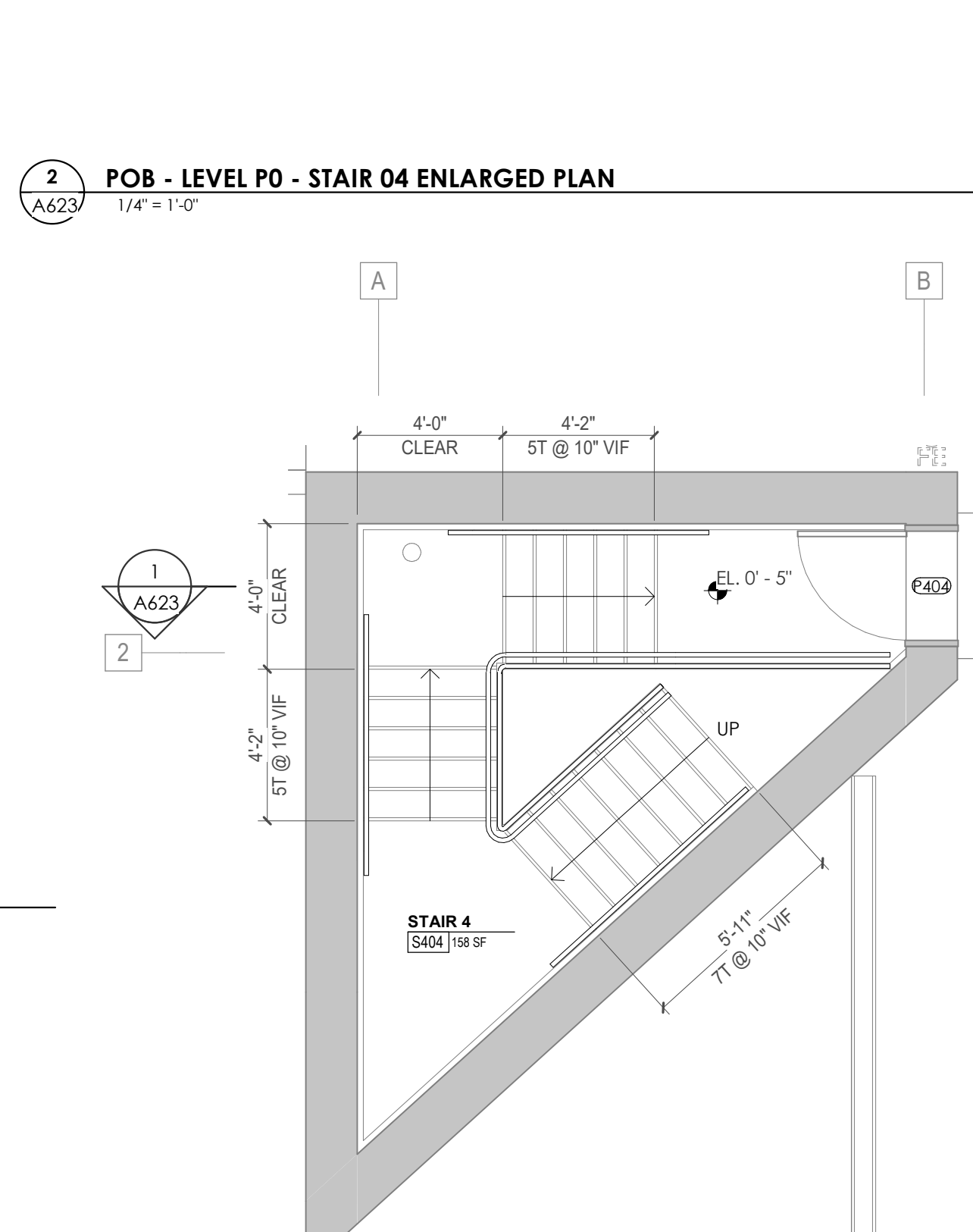
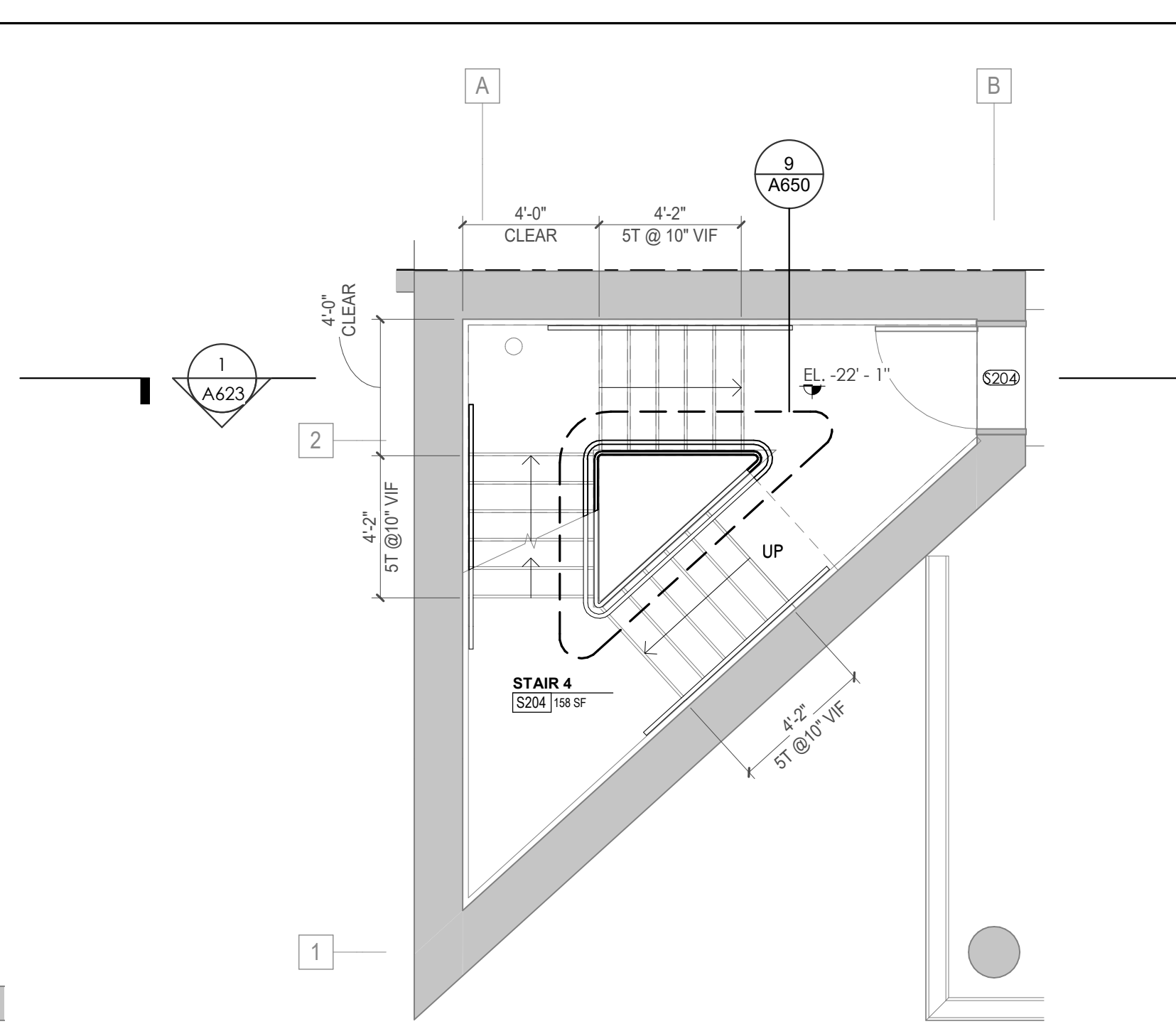
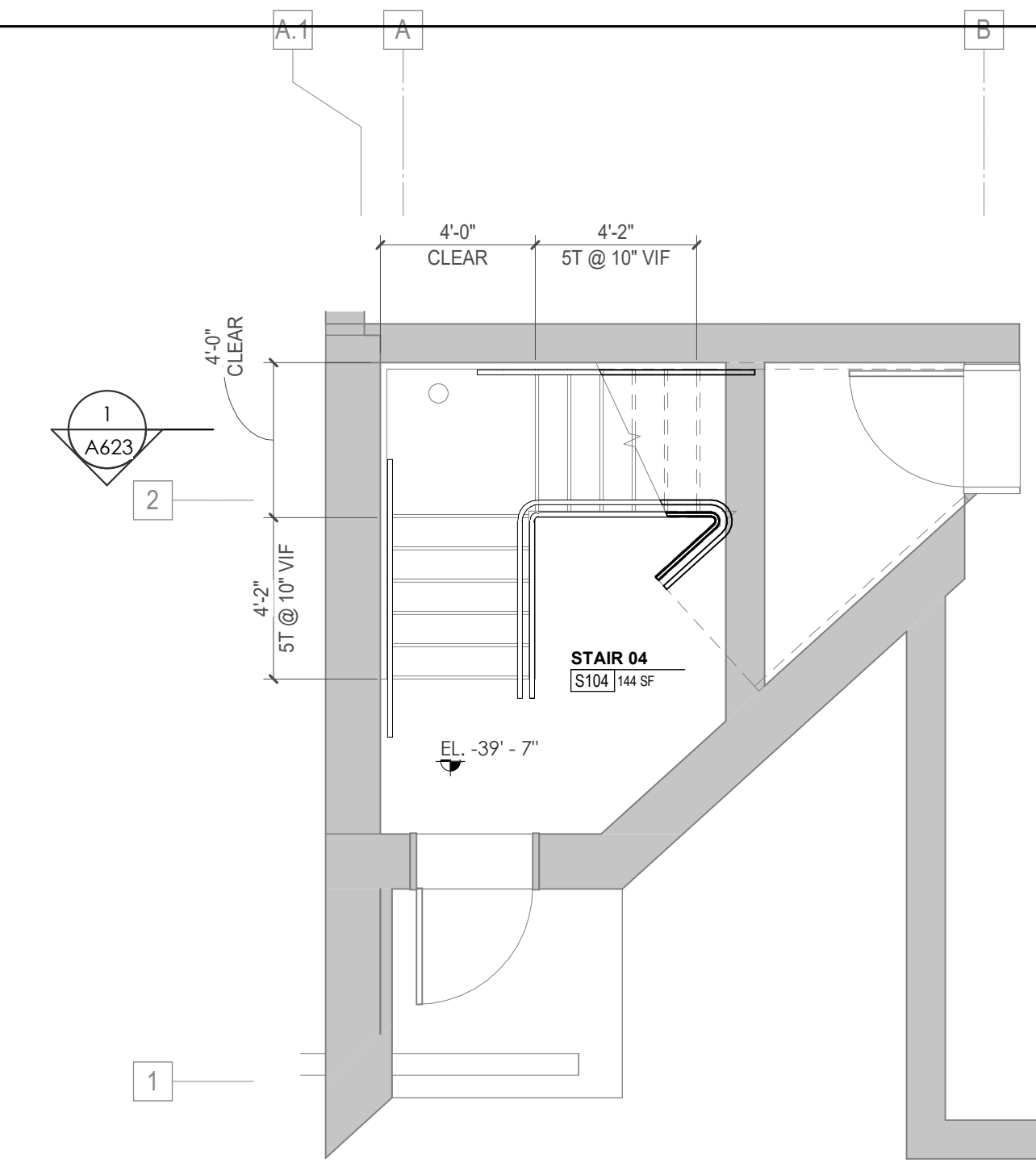
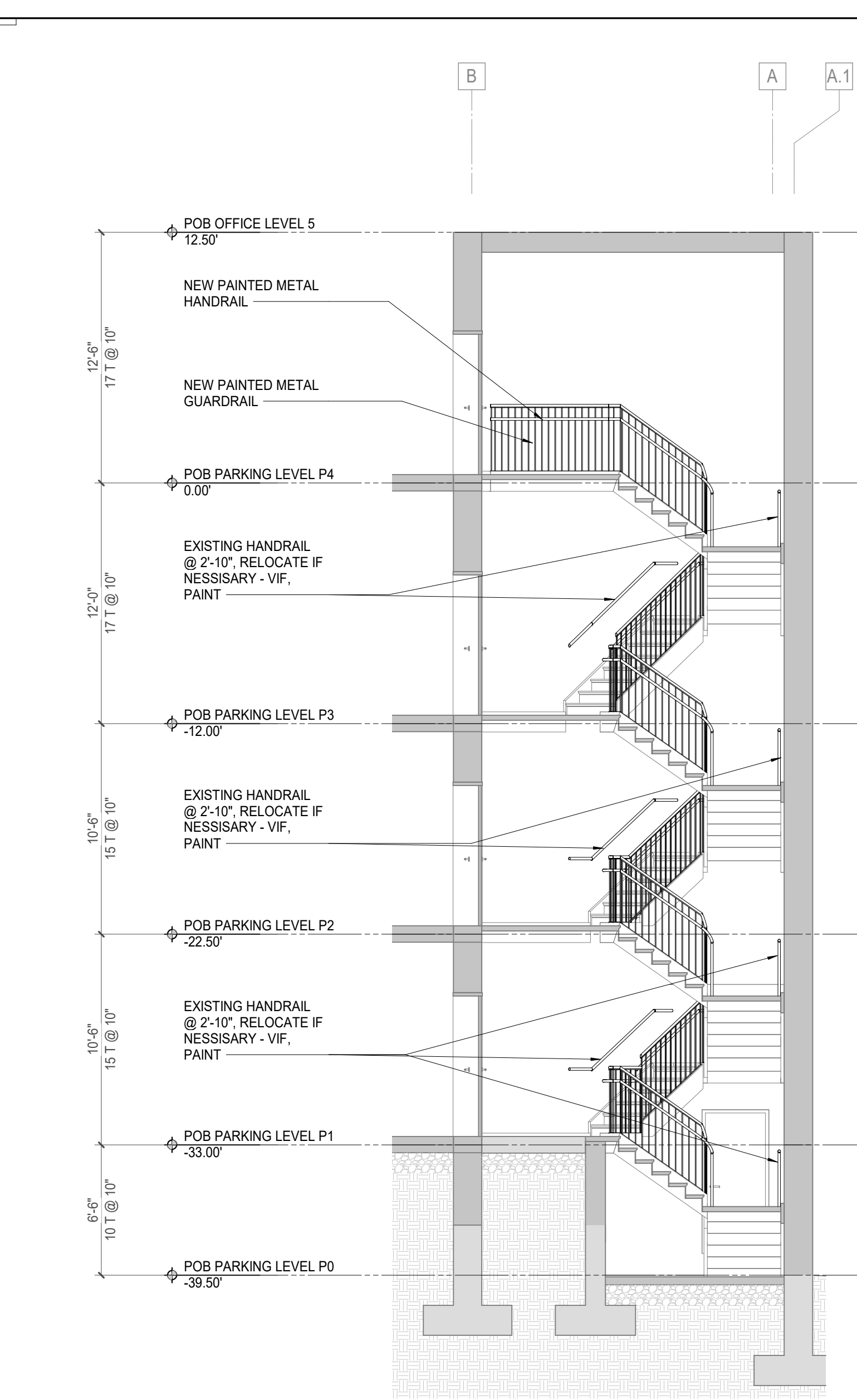
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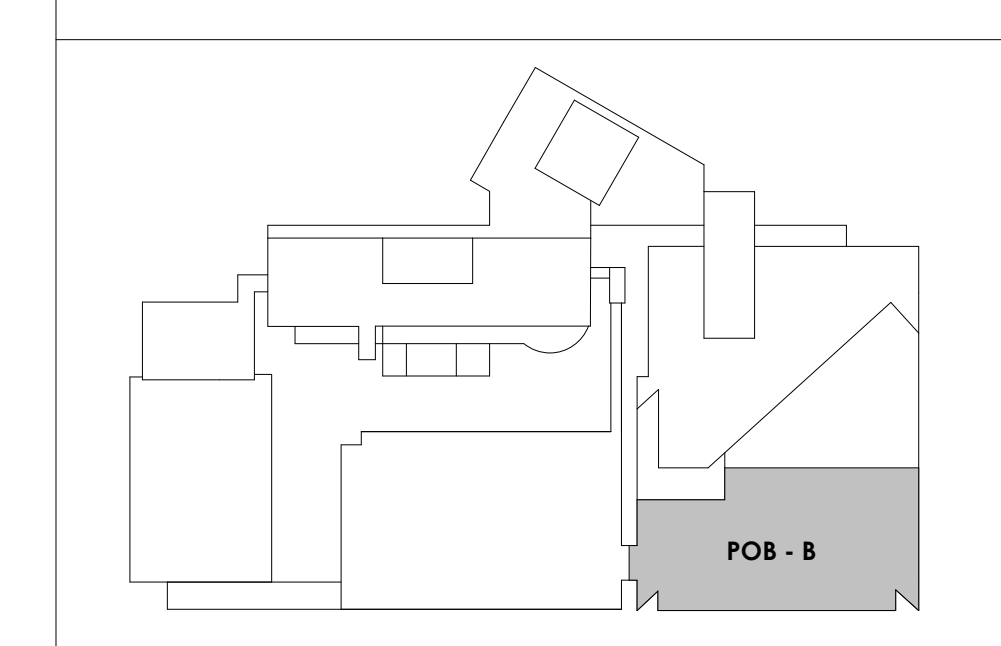
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KEYNOTES - VERTICAL CIRCULATION

Tag	Text
1	EXISTING STAIR TO REMAIN, CONTRACTOR TO CLEAN, PREP & PAINT
2	EXISTING HANDRAIL TO REMAIN, CONTRACTOR TO CLEAN, PREP & PAINT, SEE FINISH PLANS FOR INFO
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KEY PLAN





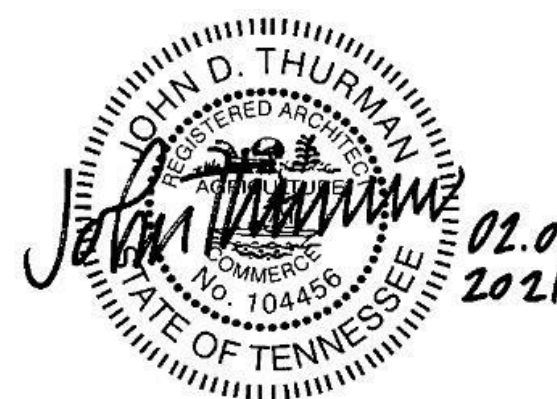
Project Information:

19018

COK SAFETY BUILDING

900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:

Architects Design Group

#	ISSUE	DATE
4	ADD #A.1	03/03/21

Issue Date:	FEBRUARY 1, 2021
PK:	DAVID COLLINS
PM:	JOHN THURMAN
PA:	LAUREN BUSH /
Drawn By:	Author
Checked By:	BP

Drawing Info:

A624

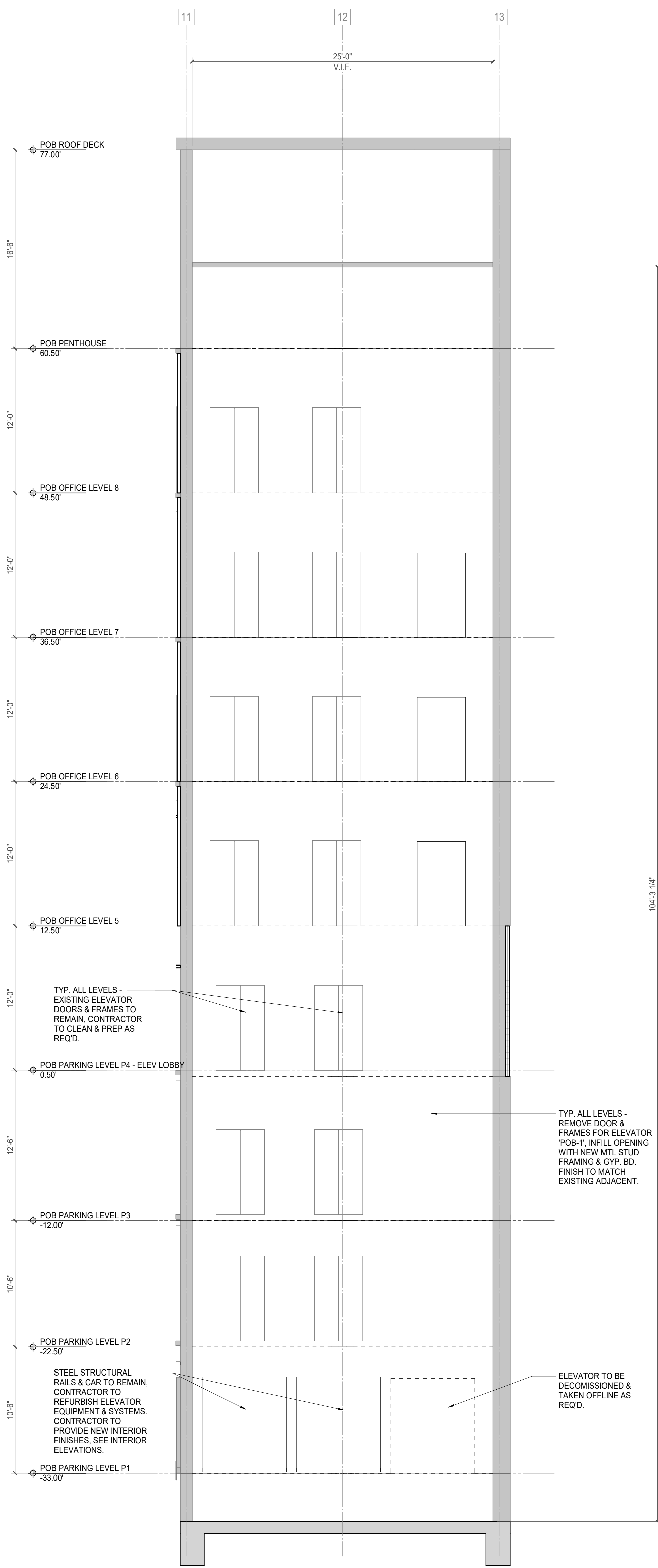
POB - ELEVATOR PLANS & DETAILS

NOTES - POB ELEVATORS RENOVATION SCOPE

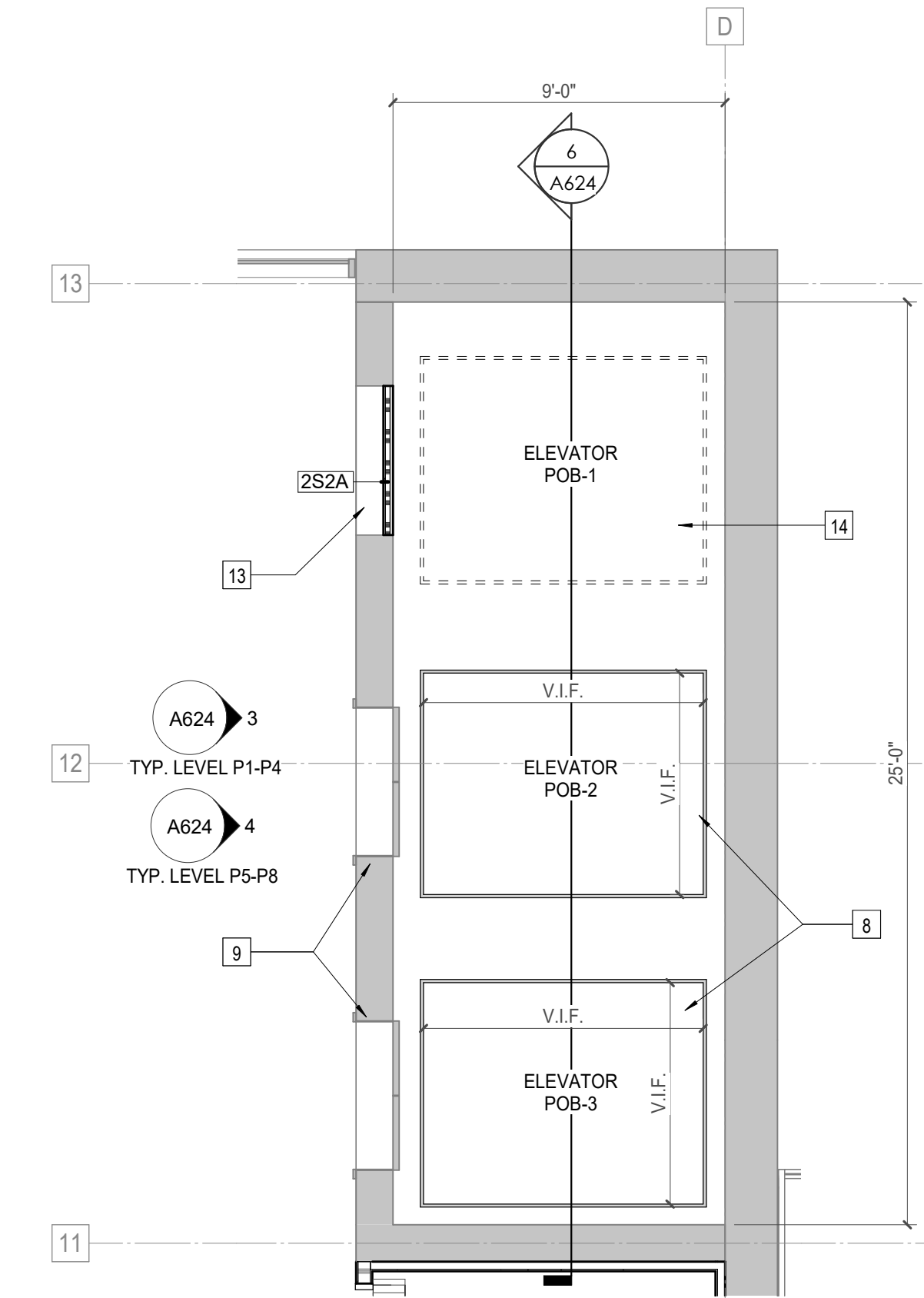
- Existing Elevator Control Equipment:
Contractor to remove all existing door operators, control systems, rail & car fixtures, existing rollers and guides for hoistway doors, travel cable, and associated proprietary equipment & wiring. Contractor to verify systems to be removed with elevator consultant before demolition.
- Elevator Replacement Equipment:
(2) Elevators to remain are to be retrofitted with new control systems and operating equipment, to include but not limited to:
-New door operators
-New non-proprietary control systems
-New rollers for hoistway doors
-New car guide rollers
-New travel cables
-Ascending brake
- Elevator Door Removal:
Where elevator is abandoned in place, elevator is to be decommissioned to a point where elevator & shaft can no longer be used or accessed under any circumstances. This includes:
-Remove all elevator controls
-Remove all wiring and power
-Remove elevator rope
-Remove door frame to lobby and hoistway doors
-Contractor to infill existing door opening to match existing adjacent construction & finish. See floor plans & finish plans for info.
- Elevator Cab Interior Renovation:
Where noted on plans, elevator cab to undergo interior renovation to include:
-Removal of existing controls, lighting, horizontal railing / wall protection & floor & wall finishes.
-Installation of new controls, lighting, horizontal railing, & finishes. See plans for info.
- Contractor to verify all dimensions of existing elevators before ordering and installing new or retrofitted equipment.
- See specification for equipment requirements. Contractor to verify system requirements included in renovation, to meet design intent or code requirement.
- At the discretion of the Contractor & elevator installer, elevator equipment may be abandoned in place, if it does not affect the continued safe use and maintenance of the remaining elevators. Contractor is responsible for informing the Owner and Architect if such a condition arises.

KEYNOTES - VERTICAL CIRCULATION

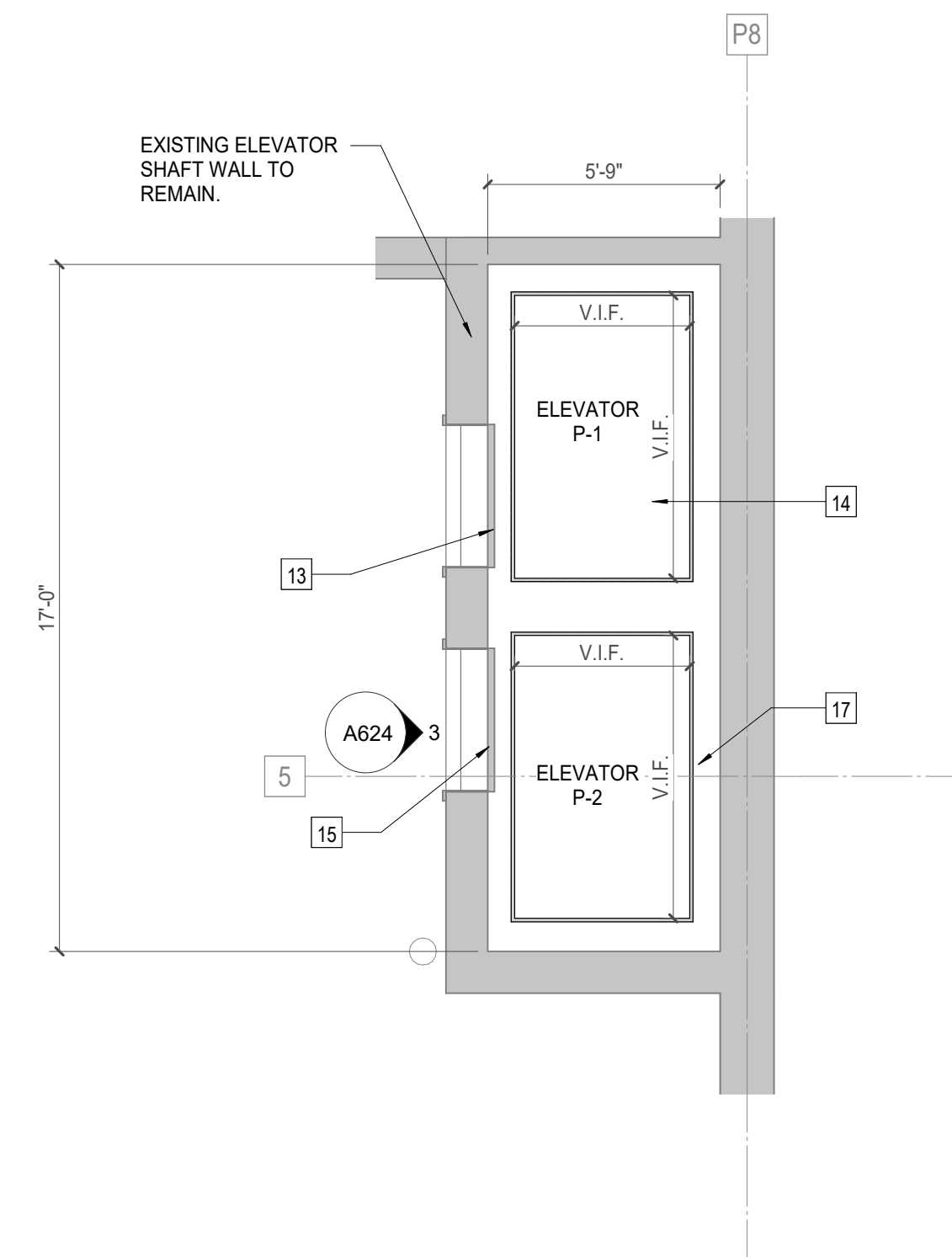
Tag	Text
1	EXISTING STAIR TO REMAIN. CONTRACTOR TO CLEAN, PREP & PAINT
2	EXISTING HANDRAIL TO REMAIN. CONTRACTOR TO CLEAN, PREP & PAINT. SEE FINISH PLANS FOR INFO
3	EXISTING GUARDRAIL TO REMAIN. CONTRACTOR TO CLEAN, PREP & PAINT. SEE FINISH PLANS FOR INFO
4	EXISTING STAIR LANDING TO REMAIN. CONTRACTOR TO CLEAN, PREP & PAINT. SEE FINISH PLANS FOR INFO
5	NEW ALUMINUM ACCESS LADDER TO HATCH AT LOW ROOF. SEE ACCESS LADDER ELEVATION & HATCH DETAIL FOR INFO.
6	LOCATION OF NEW DRY POWER UNIT - SEE ELEVATOR CONTRACTOR REPAIR & REPLACEMENT REQS
7	CONTRACTOR TO REMOVE EXISTING ELEVATOR EQUIPMENT, CONTROLS, & HYDRAULIC PISTON ELEVATOR. REPLACE WITH NEW 4-STOP HYDRAULIC ELEVATOR. CONTRACTOR TO PROVIDE NEW INTERIOR FINISHES. SEE INTERIOR ELEVATIONS.
8	STEEL STRUCTURAL RAILS & CAR TO REMAIN. CONTRACTOR TO REFURBISH ELEVATOR EQUIPMENT & SYSTEMS. CONTRACTOR TO PROVIDE NEW INTERIOR FINISHES. SEE INTERIOR ELEVATIONS
9	EXISTING DOOR FRAME & ELEVATOR DOORS TO REMAIN. SEE ELEVATIONS & DETAIL FOR NEW SURROUND AT EXISTING FRAMES.
10	NEW HOLLOW METAL ELEVATOR FRAME & DOOR, TO MATCH EXISTING, WITH MTL STUD & SOLID SURFACE SURROUND. TYP. ALL ELEVATOR LOCATIONS.
11	CONTRACTOR TO REMOVE EXISTING ELEVATOR EQUIPMENT, CONTROLS, & HYDRAULIC PISTON ELEVATOR. REPLACE WITH NEW 4 STOP HYDRAULIC ELEVATOR. CONTRACTOR TO VERIFY EQUIPMENT & ACCESSORIES REQUIRED FOR NEW ELEVATOR
12	CONTRACTOR TO REMOVE EXISTING HANDRAIL AND GUARDRAIL AND PROVIDE NEW STEEL PIPE HANDRAIL AND GUARDRAIL (PAINTED). SEE RAIL DETAILS SHEET A650
13	REMOVE EXISTING ELEVATOR DOOR TO HATCH WITH NEW MTL STUD FRAMING & GYP. BD. FINISH, TO MATCH EXISTING ADJACENT.
14	ELEVATOR TO BE DECOMMISSIONED & TAKEN OFFLINE AS REQ'D.
15	EXISTING ELEVATOR DOOR & FRAME TO REMAIN. CONTRACTOR TO CLEAN & PREP AS REQ'D.
16	NEW SOLID SURFACE DETAIL SURROUND AT ALL INTERIOR ELEVATOR OPENINGS
17	STEEL STRUCTURAL RAILS & CAR TO REMAIN. CONTRACTOR TO PROVIDE NEW INTERIOR FINISHES. SEE INTERIOR ELEVATIONS
18	CONTRACTOR TO REMOVE EXISTING GUARDRAIL AND PROVIDE NEW GALVANIZED STEEL PIPE GUARDRAIL (PAINTED). SEE RAIL DETAILS SHEET A650
19	CONTRACTOR TO REMOVE EXISTING HANDRAIL AND GUARDRAIL AND PROVIDE NEW GALVANIZED STEEL PIPE HANDRAIL AND GUARDRAIL (PAINTED). SEE RAIL DETAILS SHEET A650



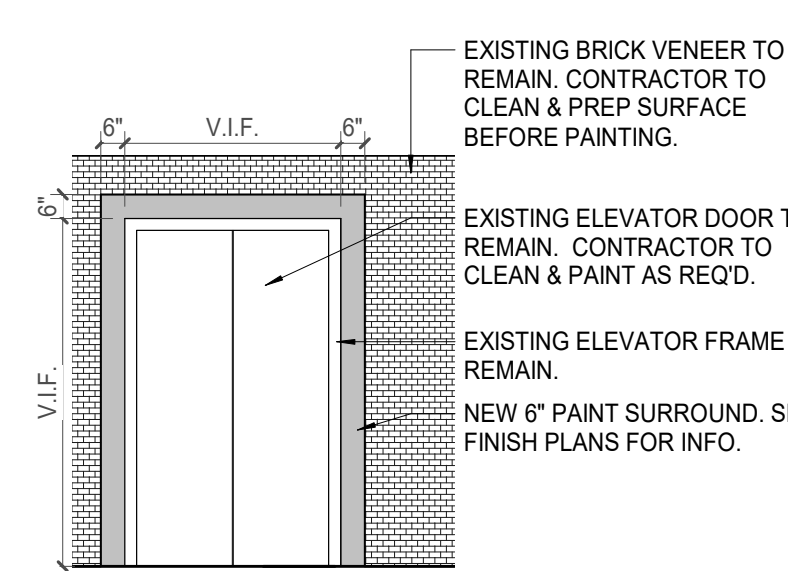
6 A624 ELEVATOR SECTION 1
3/16" = 1'-0"



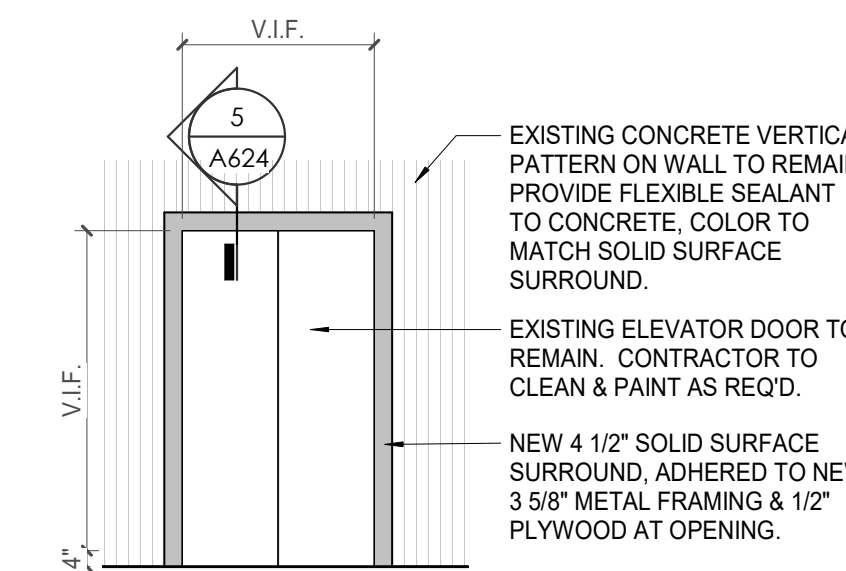
1 A624 POB BUILDING ELEVATOR PLAN
1/4" = 1'-0"



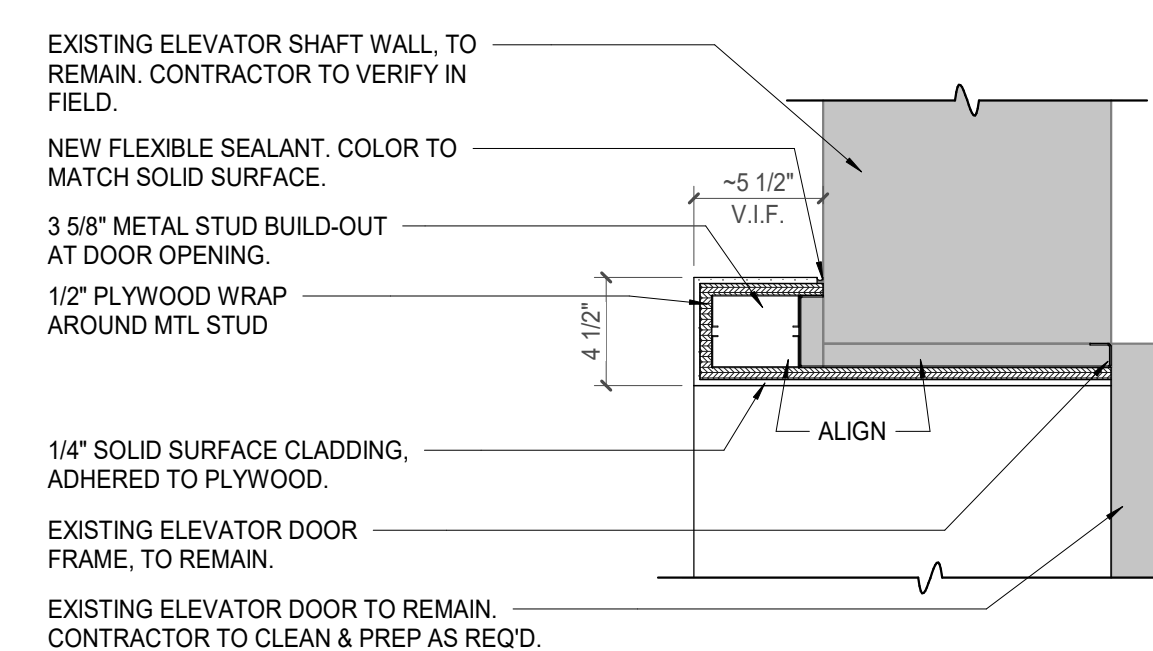
2 A624 POB PARKING ELEVATOR PLAN
1/4" = 1'-0"



3 A624 POB PARKING - ELEVATOR DOOR ELEVATION
1/4" = 1'-0"

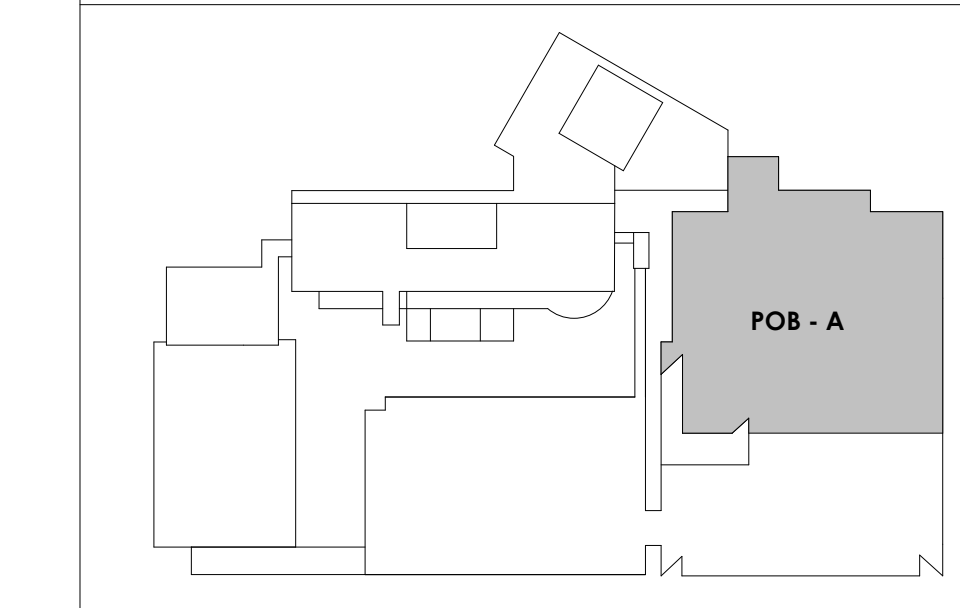


4 A624 POB BUILDING - ELEVATOR DOOR ELEVATION
1/4" = 1'-0"



5 A624 ELEVATOR SURROUND DETAIL - P5, P6, P7, P8
1/12" = 1'-0"

KEY PLAN



DOOR SCHEDULE MARK	DOOR SCHEDULE														FIRE RATING	HARDWARE SET NO	REMARKS	WIRED	
	To Room: Number	MARK	DOOR INFORMATION						FRAME INFORMATION										
			ROOM NAME	LEAF QTY	W	HT	THK	TYPE	MATL	FINISH	GLZ	TYPE	MATL	FINISH					HEAD
WP 1st Level	S101	VESTIBULE	1	3'-0"	7'-0"	1-3/4"	N	HM	PT-5	GL-1	S1	HM	PT-1	H107	J107	E, F, K	WIRED		
	S102	VESTIBULE	1	3'-0"	7'-0"	1-3/4"	F	HM	PT-1	-	S1	HM	PT-1	H102	J102	E, F, K	WIRED		
	101	11.1 PUBLIC VESTIBULE	2	6'-0"	7'-0"	1-3/4"	FG	AL-1	CLEAR	GL-1	A1	AL-1	CLEAR	EX	EX		A	WIRED	
	102	11.1 LOBBY	2	6'-0"	7'-0"	1-3/4"	FG	AL-1	CLEAR	GL-1	A1	AL-1	CLEAR	EX	EX		A	WIRED	
	103	14.8 SP EVENTS/RECEPTION	1	3'-0"	7'-10"	1-3/4"	FG	AL-1	BLAN	GL-1	A1	AL-1	BLAN	H3A1	J3A1		F	WIRED	
	104	104 CORRIDOR	2	6'-0"	7'-0"	1-3/4"	FG	AL-1	BLAN	GL-1	F1	AL-1	BLAN	H3A1	J3A1		F	WIRED	
	104A	104 CORRIDOR	1	3'-0"	7'-0"	1-3/4"	FG	-	-	-	-	-	HM	PT-1	SEE A604	SEE A604		C, F	WIRED
	105	14.9 STG	1	3'-0"	7'-0"	1-3/4"	F	SCWD	PT-1	-	S1	HM	PT-1	H1A1	J1A1		A	WIRED	
	106	14.3 GA OFFICE	1	3'-0"	7'-0"	1-3/4"	FG	SCWD	PT-1	GL-1	S1	HM	PT-1	H1A1	J1A1		A	WIRED	
	107	107 14.4 TRAINING OFFICER	1	3'-0"	7'-0"	1-3/4"	FG	SCWD	PT-1	-	S1	HM	PT-1	H1A1	J1A1		A	WIRED	
	108	108 14.2 ASSIST CHIEF	1	3'-0"	7'-0"	1-3/4"	FG	SCWD	PT-1	-	S1	HM	PT-1	H1A1	J1A1		A	WIRED	
	109	109 11.2 TLT	1	3'-0"	7'-0"	1-3/4"	F	SCWD	PT-1	-	S1	AL-1	BLAN	H1A1	J1A1		A	WIRED	
	110	110 12.0 STAFF VESTIBULE	2	6'-0"	7'-0"	1-3/4"	FG	AL-1	CLEAR	GL-1	A1	AL-1	CLEAR	EX	EX		A, F	WIRED	
	111	111 CORRIDOR	2	6'-0"	7'-0"	1-3/4"	FG	AL-1	CLEAR	GL-1	A1	AL-1	CLEAR	EX	EX		A	WIRED	
	112	112 13.6 TLT	1	3'-0"	7'-0"	1-3/4"	F	SCWD	PT-1	-	S1	HM	PT-1	H1A1	J1A1		A	WIRED	
	113	113 13.6 TLT	1	3'-0"	7'-0"	1-3/4"	F	SCWD	PT-1	-	S1	HM	PT-1	H1A1	J1A1		A	WIRED	
	114	114 14.1 PUB ED	1	3'-0"	7'-0"	1-3/4"	FG	SCWD	PT-1	GL-1	S1	HM	PT-1	H1A1	J1A1		A	WIRED	
	115	115 14.11 PUB ED	1	3'-0"	7'-0"	1-3/4"	FG	SCWD	PT-1	GL-1	S1	HM	PT-1	H1A1	J1A1		A	WIRED	
	116	116 13.8 LOCKER WALL	1	3'-0"	7'-0"	1-3/4"	FG	SCWD	PT-1	GL-1	S1	HM	PT-1	H1A1	J1A1		A	WIRED	
	118	118 BREAK ROOM	1	3'-0"	7'-0"	1-3/4"	FG	SCWD	PT-1	GL-1	S1	HM	PT-1	H1A1	J1A1		A	WIRED	
	119	119 13.7 LACTATION/DECOMP	1	3'-0"	7'-0"	1-3/4"	F	SCWD	PT-1	-	S1	HM	PT-1	H1A1	J1A1		A	WIRED	
	120A	120 11.13 SIM	1	3'-0"	7'-0"	1-3/4"	F	SCWD	PT-1	-	S1	HM	PT-1	H1A1	J1A1		A	WIRED	
	120B	120 11.13 SIM	1	3'-0"	7'-0"	1-3/4"	N	SCWD	PT-1	-	S1	HM	PT-1	H1A1	J1A1	45 MIN	19	WIRED	
	122	122 11.4 BREAK	1	3'-0"	7'-0"	1-3/4"	FG	SCWD	PT-1	GL-1	S1	HM	PT-1	H1A1	J1A1		A	WIRED	
	123A	123 11.10 TRAINING	1	3'-0"	7'-0"	1-3/4"	FG	SCWD	PT-1	GL-1	S1	HM	PT-1	H3A1	J3A1		A	WIRED	
	123B	123 11.10 TRAINING	1	3'-0"	7'-0"	1-3/4"	N	SCWD	PT-1	GL-1	S1	HM	PT-1	H1A1	J1A1	45 MIN	47A	WIRED	
	124	124 MECH	2	8'-0"	7'-0"	1-3/4"	F	HM	PT-1	-	S1	HM	PT-1	H1A1	J1A1	45 MIN	12	WIRED	
	125	125 11.14 STORAGE	1	3'-0"	7'-0"	1-3/4"	F	SCWD	PT-1	-	S1	HM	PT-1	H1A1	J1A1	45 MIN	14	WIRED	
	126	126 IT	1	3'-0"	7'-0"	1-3/4"	F	HM	PT-1	-	S1	HM	PT-1	H1A1	J1A1	45 MIN	14	WIRED	
	127	127 ELEV EQUIP	1	3'-0"	7'-0"	1-3/4"	F	HM	PT-1	-	S1	HM	PT-1	H1A1	J1A1	45 MIN	14	WIRED	
	128	128 11.0 MUSEUM	1	3'-0"	7'-0"	1-3/4"	FG	AL-1	BLAN	GL-1	A1	AL-1	BLAN	H3A1	J3A1		A	WIRED	
	129	129 GENERATOR ROOM	2	8'-0"	7'-0"	1-3/4"	F	HM	PT-1	-	S1	HM	PT-1	H1A1	J1A1		A, F	WIRED	
	130	130 ELEC	1	4'-0"	7'-0"	1-3/4"	F	HM	PT-1	-	S1	HM	PT-1	H1A1	J1A1		A	WIRED	
	131	131 MECH	1	3'-0"	7'-0"	1-3/4"	F	SCWD	PT-1	-	S1	HM	PT-1	H1A1	J1A1	45 MIN	17	WIRED	
	132	132 11.10 TRAINING	2	6'-0"	7'-0"	1-3/4"	F	SCWD	PT-1	-	S1	HM	PT-1	H1A1	J1A1		A	WIRED	
	133	133 11.10 TRAINING	2	6'-0"	7'-0"	1-3/4"	F	SCWD	PT-1	-	S1	HM	PT-1	H1A1	J1A1		A	WIRED	
	ST101	STAIR 01	1	3'-8"	7'-0"	1-3/4"	N	HM	PT-1	-	S1	HM	PT-1	EX	EX		A, F	WIRED	
	ST103	STAIR 3	1	3'-0"	7'-0"	1-3/4"	N	HM	PT-1	-	S1	HM	PT-1	H1A2	J1A2	90 MIN	13A	WIRED	
WP 2nd Level	201	201 CORRIDOR	1	3'-0"	7'-0"	1-3/4"	FG	AL-1	CLEAR	GL-1	A1	AL-1	CLEAR	EX	EX		F	WIRED	
	202	202 TLT	1	3'-0"	7'-0"	1-3/4"	F	SCWD	PT-1	-	S1	HM	PT-1	H1A1	J1A1		A	WIRED	
	203	203 TLT	1	3'-0"	7'-0"	1-3/4"	F	SCWD	PT-1	-	S1	HM	PT-1	H1A1	J1A1		A	WIRED	
	204	204 12.18 ACCOUNTS RECEIVABLE	1	3'-0"	7'-0"	1-3/4"	FG	SCWD	PT-1	GL-1	S1	HM	PT-1	H1A1	J1A1		A	WIRED	
	205	205 12.17 PAYROLL	1	3'-0"	7'-0"	1-3/4"	FG	SCWD	PT-1	GL-1	S1	HM	PT-1	H1A1	J1A1		A	WIRED	
	206	206 12.16 PRE PLANNING ISO	1	3'-0"	7'-0"	1-3/4"	FG	SCWD	PT-1	GL-1	S1	HM	PT-1	H1A1	J1A1		A	WIRED	
	207	207 12.14 SAFETY HEALTH COM	1	3'-0"	7'-0"	1-3/4"	FG	SCWD	PT-1	GL-1	S1	HM	PT-1	H1A1	J1A1		A	WIRED	
	208	208 12.13 R OPS	1	3'-0"	7'-0"	1-3/4"	FG	SCWD	PT-1	GL-1	S1	HM	PT-1	H1A1	J1A1		A	WIRED	
	209A	209 1.1 WAITING	1	3'-0"	7'-0"	1-3/4"	F	SCWD	PT-1	-	S1	HM	PT-1	H1A1	J1A1		A	WIRED	
	209B	209 1.1 WAITING	1	3'-0"	7'-0"	1-3/4"	FG	SCWD	PT-1	GL-1	F1	HM	PT-1	H3A1	J3A1		A	WIRED	
	210	210 LOBBY	2	6'-0"	7'-0"	1-3/4"	F	SCWD	PT-1	-	S1	AL-1	BLAN	EX	EX		A, F	WIRED	
	211A	211 12.6 CONFERENCE ROOM	1	3'-0"	7'-0"	1-3/4"	F	SCWD	PT-1	-	S1	HM	PT-1	H1A1	J1A1		A	WIRED	
	211B	211 12.6 CONFERENCE ROOM	1	3'-0"	7'-0"	1-3/4"	F	SCWD	PT-1	-	S1	HM	PT-1	H1A1	J1A1		A	WIRED	
	212	212 12.10 FILES	1	3'-0"	7'-0"	1-3/4"	F	SCWD	PT-1	-	S1	HM	PT-1	H1A1	J1A1	45 MIN	14	WIRED	
	213A	213 12.12 COM REL	1	3'-0"	7'-0"	1-3/4"	FG	SCWD	PT-1	GL-1	S1	HM	PT-1	H1A1	J1A1		A	WIRED	
	214	214 12.3 FIRE CHIEF	1	3'-0"	7'-0"	1-3/4"	FG	SCWD	PT-1	GL-1	S1	HM	PT-1	H1A1	J1A1		A	WIRED	
	215	215 TLT	1	3'-0"	7'-0"	1-3/4"	F	SCWD	PT-1	-	S1	HM	PT-1	H1A1	J1A1		A	WIRED	
	217A	217 12.8 EXEC ASST	1	3'-0"	7'-0"	1-3/4"	FG	SCWD	PT-1	GL-1	S1	HM	PT-1	H1A1	J1A1		A	WIRED	
	217B	217 12.8 EXEC ASST	1	3'-0"	7'-0"	1-3/4"	F	SCWD	PT-1	-	S1	HM	PT-1	H3A1	J3A1		A	WIRED	
	218	218 12.11 DEP CHIEF	1	3'-0"	7'-0"	1-3/4"	FG	SCWD	PT-1	GL-1	S1	HM	PT-1	H1A1	J1A1		A	WIRED	
	219	219 TLT	1	3'-0"	7'-0"	1-3/4"	F	SCWD	PT-1	-	S1	HM	PT-1	H1A1	J1A1		A	WIRED	
	221	221 12.11 DEP CHIEF	1	3'-0"	7'-0"	1-3/4"	FG	SCWD	PT-1	GL-1	S1	HM	PT-1	H1A1	J1A1		A	WIRED	
	222	222 TLT	1	3'-0"	7'-0"	1-3/4"	F	SCWD	PT-1	-	S1	HM	PT-1	H1A1	J1A1		A	WIRED	
	224A	224 12.2 RECEPTION	1	3'-0"	7'-0"	1-3/4"	F	SCWD	PT-1	-	S1	HM	PT-1	H1A1	J1A1		A	WIRED	
	224B	224 12.2 RECEPTION	1	3'-0"	7'-0"	1-3/4"	F	SCWD	PT-1	-	S1	HM	PT-1	H1A1	J1A1		A	WIRED	
	225	225 13.5 JAN	1	3'-0"	7'-0"	1-3/4"	F	SCWD	PT-1	-	S1	HM	PT-1	H1A1	J1A1	45 MIN	19	WIRED	
	226	226 ELEC	1	3'-0"	7'-0"	1-3/4"	F	SCWD	PT-1	-	S1	HM	PT-1	H1A1	J1A1	45 MIN	14	WIRED	
	227	227 14.5 LOGISTICS	1	3'-0"	7'-0"	1-3/4"	FG	SCWD	PT-1	GL-1	S1	HM	PT-1	H1A1	J1A1		A	WIRED	
	228	228 14.6 CIV	1	3'-0"	7'-0"	1-3/4"	FG	SCWD	PT-1	GL-1	S1	HM	PT-1	H1A1	J1A1		A	WIRED	
	229	229 IT	1	3'-0"	7'-0"	1-3/4"	F	SCWD	PT-1	-	S1	HM	PT-1	H1A1	J1A1	45 MIN	14	WIRED	
	230	230 CORR	1	3'-0"	7'-0"	1-3/4"	FG	AL-1	CLEAR	GL-1	A1	AL-1	CLEAR	EX	EX		A, F	WIRED	
	231	231 12.14 TLT	1	3'-0"	7'-0"	1-3/4"	F	SCWD	PT-1	-	S1	HM	PT-1	H1A1	J1A1		A	WIRED	
	232	232 12.3 TLT	1	3'-0"	7'-0"	1-3/4"	F	SCWD	PT-1	-	S1	HM	PT-1	H1A1	J1A1		A	WIRED	
	233	233 13.3 BREAK ROOM	1	3'-0"	7'-0"	1-3/4"	N	SCWD	PT-1	GL-1	S1	HM	PT-1	H1A1	J1A1	45 MIN	45A	WIRED	
	235	235 12.15 FILES/HPPA	1	3'-0"	7'-0"	1-3/4"	F	SCWD	PT-1	-	S1	HM	PT-1	H1A1	J1A1	45 MIN	14	WIRED	
	236	236 12.21 SUPPLIES	1	3'-0"	7'-0"	1-3/4"	F	SCWD	PT-1	-	S1	HM	PT-1	H1A1	J1A1	45 MIN	19	WIRED	
	237A	237 SECURE FIRE LOBBY	1	3'-0"	7'-0"	1-3/4"	FG	SCWD	PT-1	GL-1	S1	HM	PT-1	H1A1	J1A1		F	WIRED	
	237B	237 SECURE FIRE LOBBY	1	3'-0"	7'-0"	1-3/4"	FG	SCWD	PT-1	GL-1	S1	HM	PT-1	H1A1	J1A1		F	WIRED	
	237C	237 SECURE FIRE LOBBY	1	3'-0"	7'-0"	1-3/4"	FG	SCWD	PT-1	GL-1	S1	HM	PT-1	H1A1	J1A1		F	WIRED	
	238	238 12.22 FILES	1	3'-0"	7'-0"	1-3/4"	F	SCWD	PT-1	-	S1	HM	PT-1	H1A1	J1A1	45 MIN	14	WIRED	
	239	239 12.22 FILES	1	3'-0"	7'-0"	1-3/4"	F	SCWD	PT-1	-	S1	HM	PT-1	H1A1	J1A1	45 MIN	14	WIRED	
	240	240 16.8 INSPECTORS	1	3'-0"	7'-0"	1-3/4"	F	SCWD	PT-1	-	S1	HM	PT-1	H1A1	J1A1		A	WIRED	
	241	241 ELEVATOR SECURE FIRE LOBBY	1	3'-0"	7'-0"	1-3/4"	FO	-	-	-	-	-	SEE A604	SEE A604		C, F	WIRED		
	242	242 16.10 FILE STG	1	3'-0"	7'-0"	1-3/4"	F	SCWD	PT-1	-	S1	HM	PT-1	H1A1	J1A1	45 MIN	19	WIRED	
	243	243 16.5 PLANS REVIEW	1	3'-0"	7'-0"	1-3/4"	FG	SCWD	PT-1	GL-1	S1	HM	PT-1	H1A1	J1A1		A	WIRED	
	244A	244 16.9 RECEPTION	1	3'-0"	7'-0"	1-3/4"	FG	SCWD	PT-1	GL-1	S1	HM	PT-1	H1A1	J1A1	45A		WIRED	
	244B	244 16.9 INSPECTORS	1	3'-0"	7'-0"	1													



Project Information:

19018

COK SAFETY BUILDING

900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:

Architects Design Group

#	ISSUE	DATE
4	ADD #4.1	03/03/21

Issue Date: FEBRUARY 1, 2021
 PIC: DAVID COLLINS
 PM: JOHN THURMAN
 PA: LAUREN BUSH /
 Drawn By: Author
 Checked By: B. PIERCY

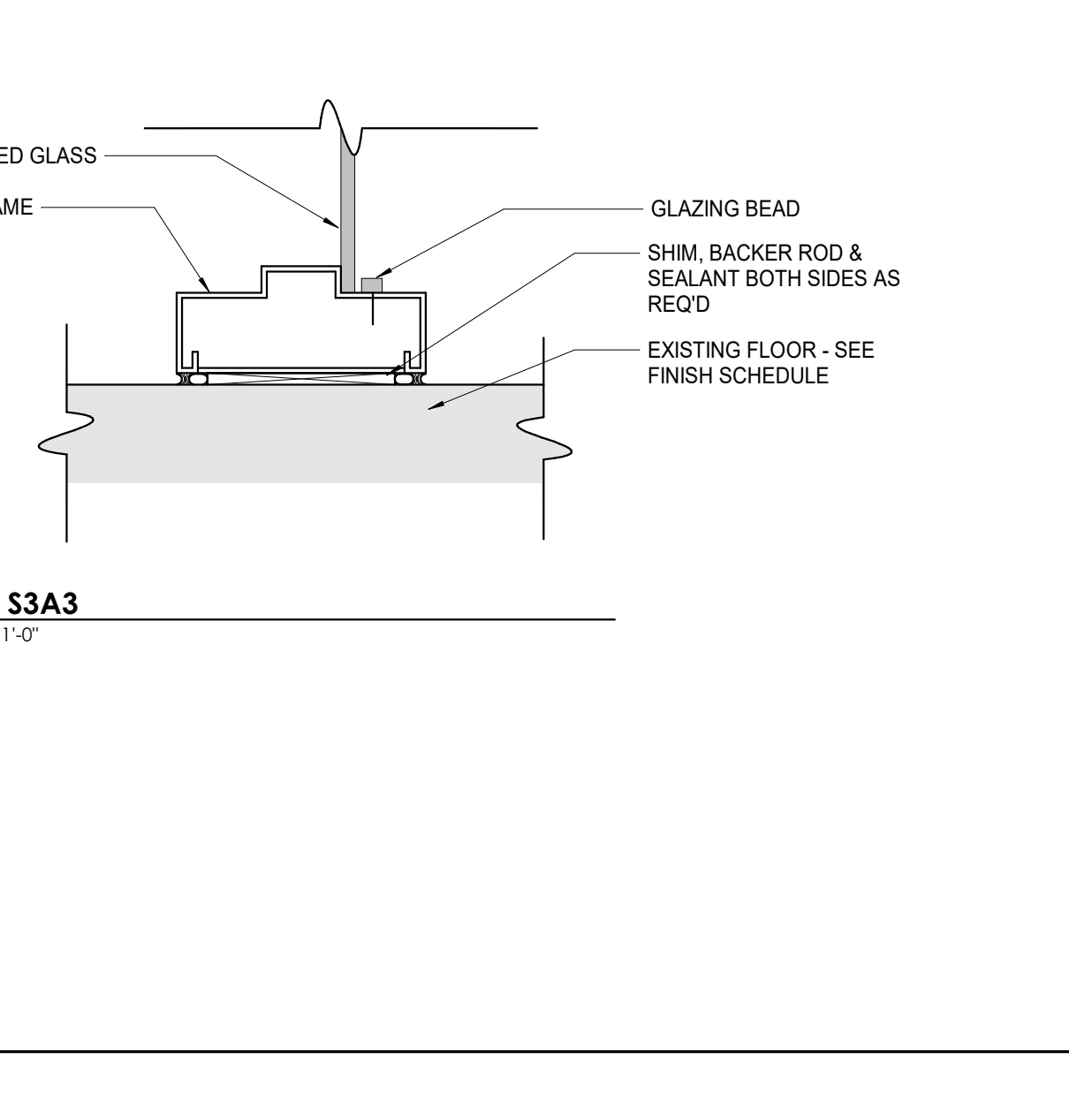
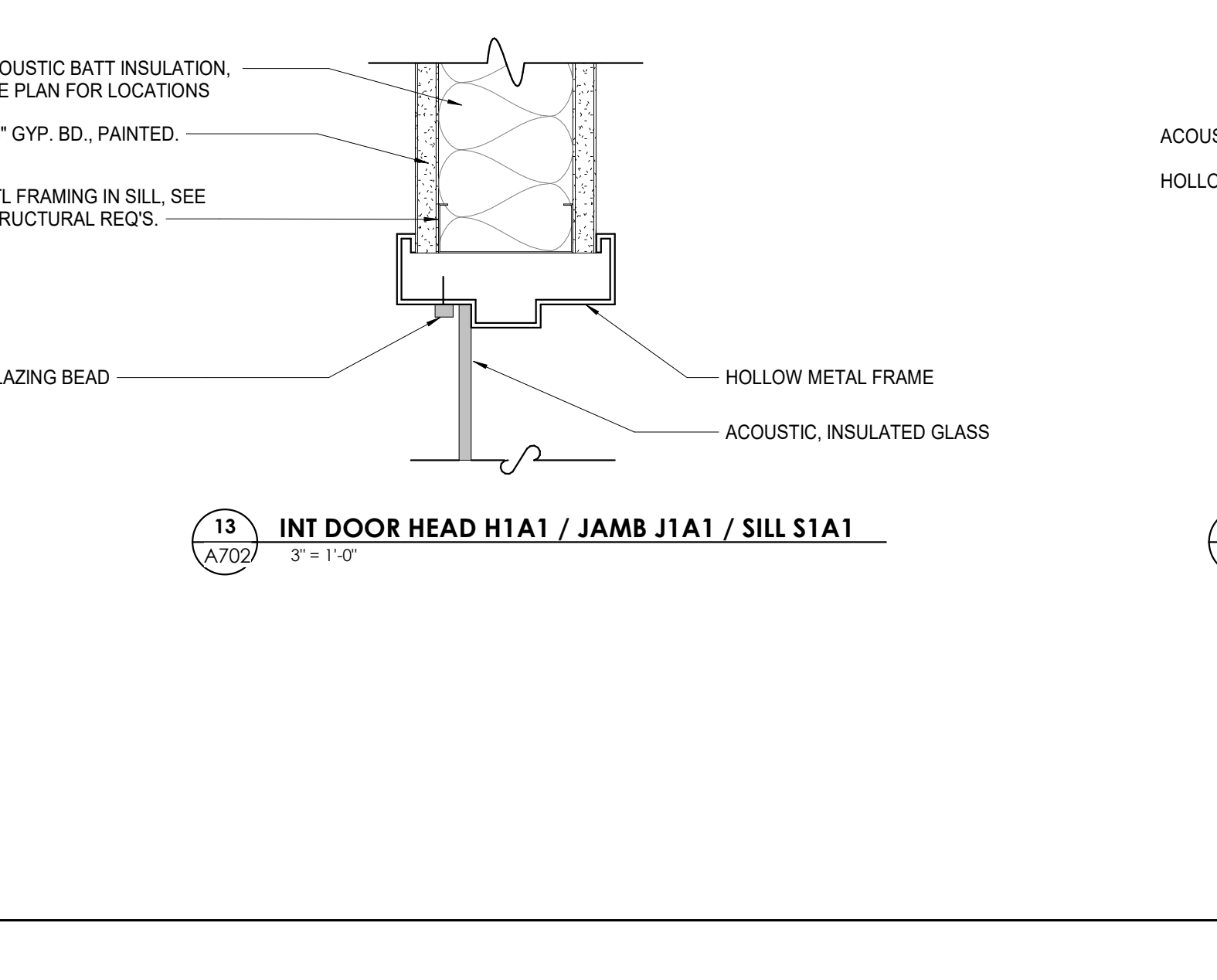
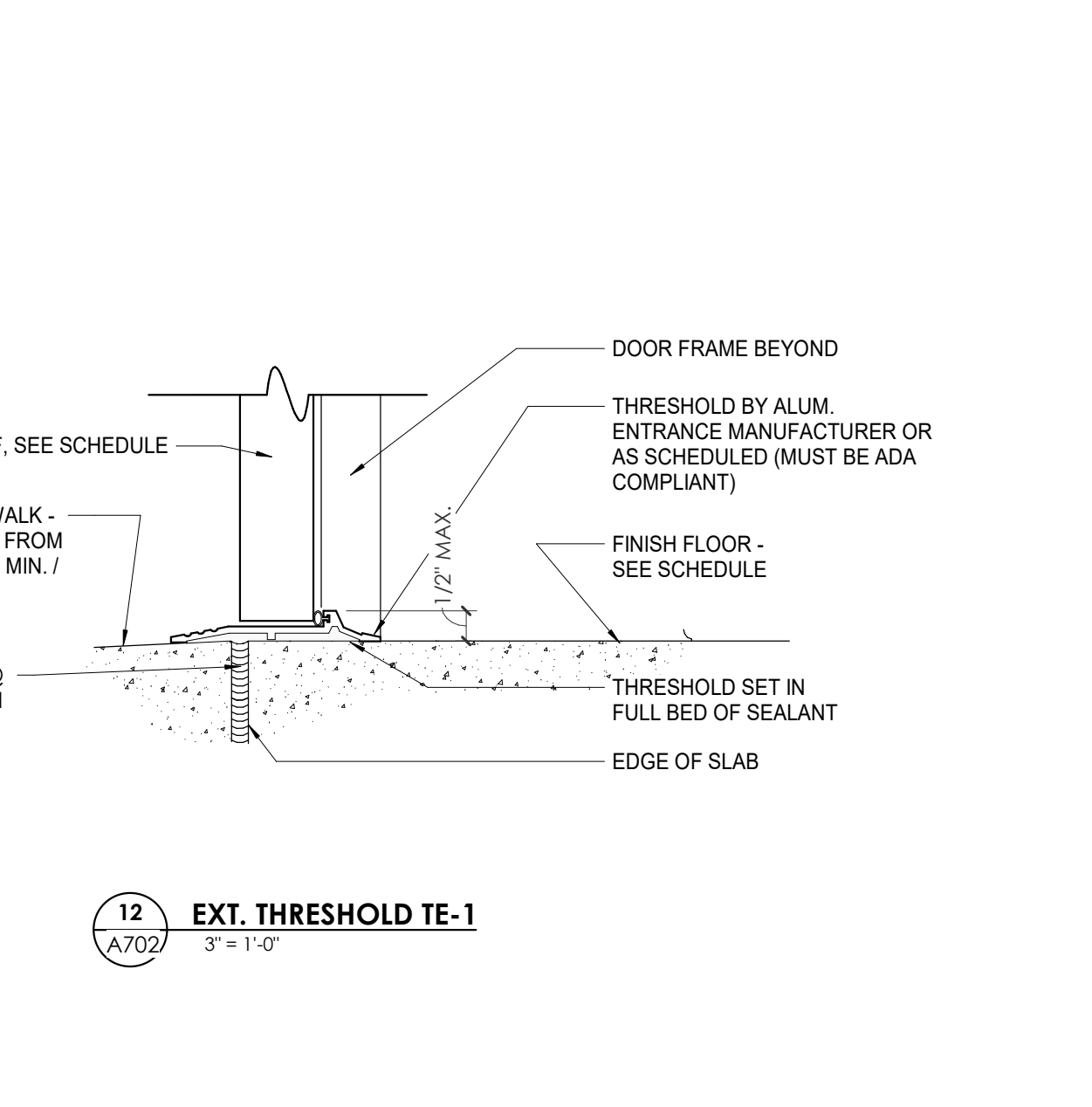
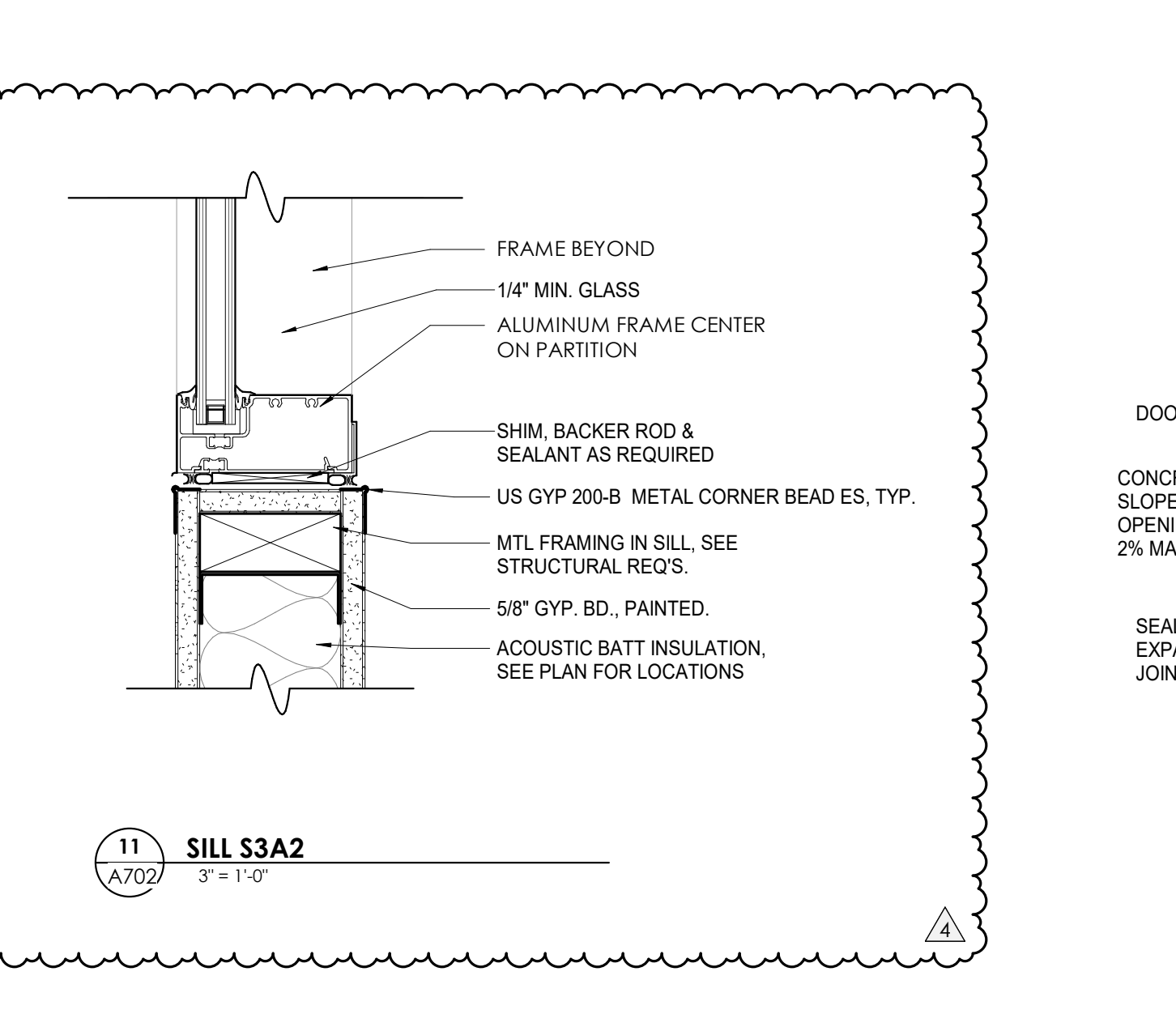
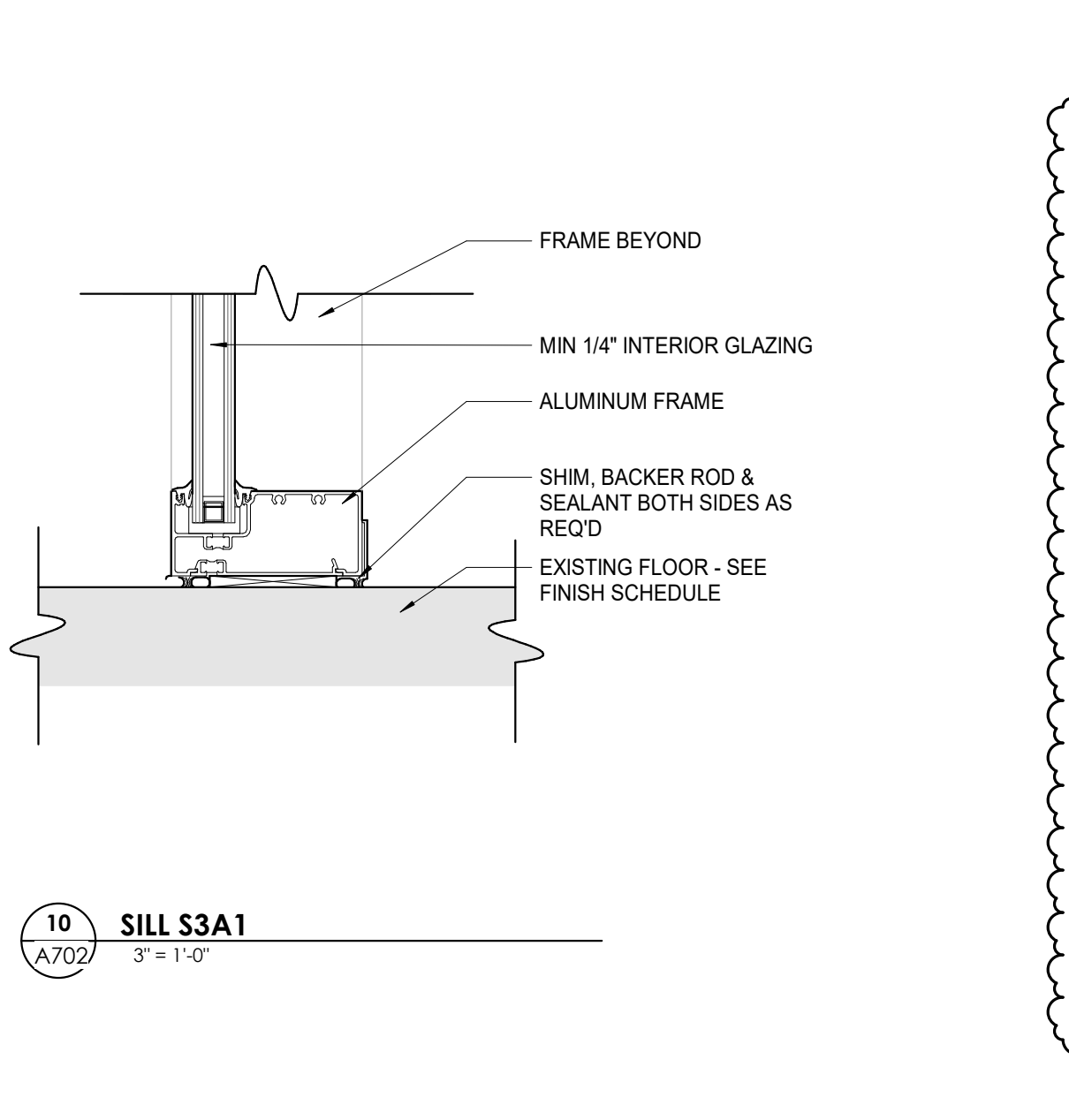
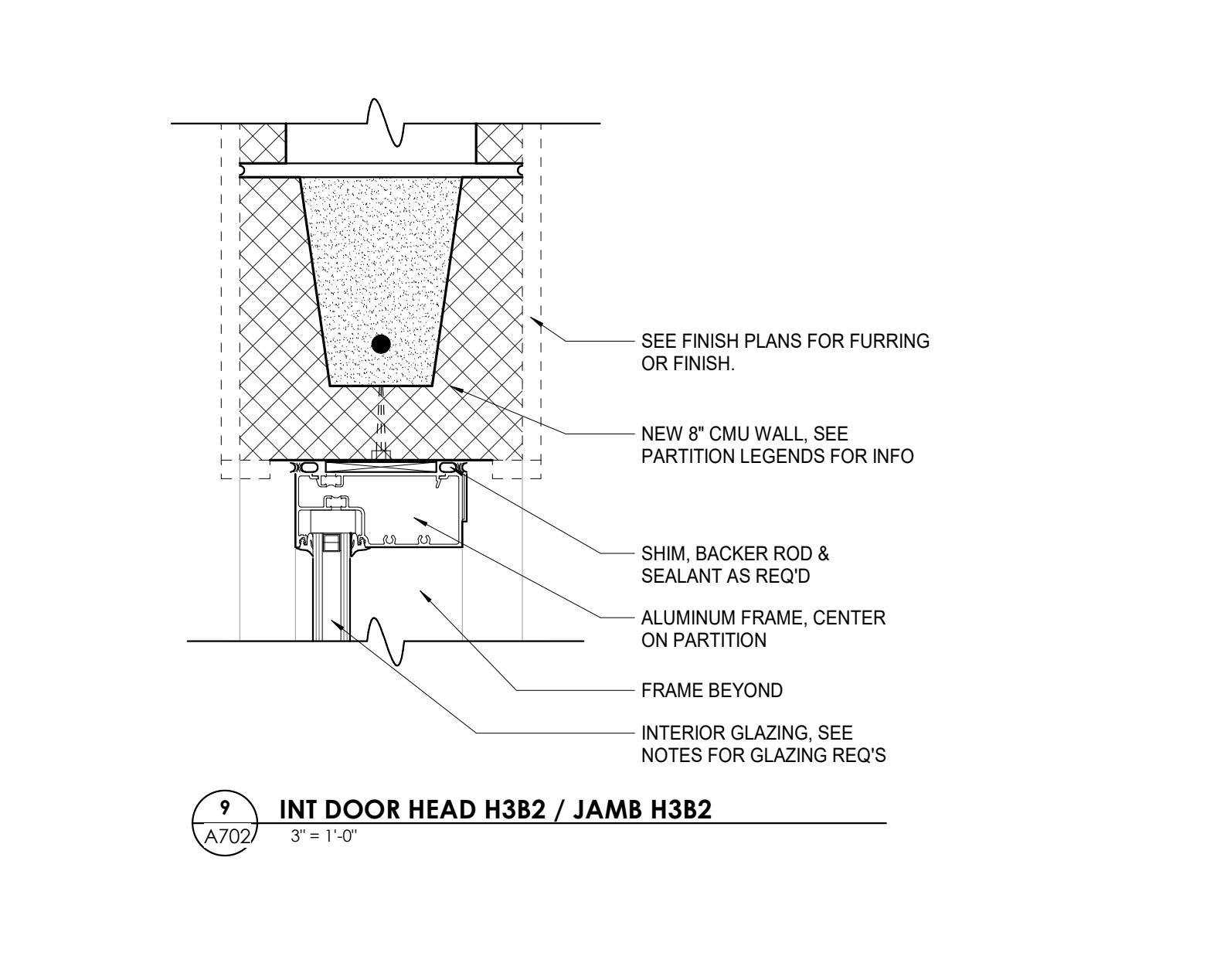
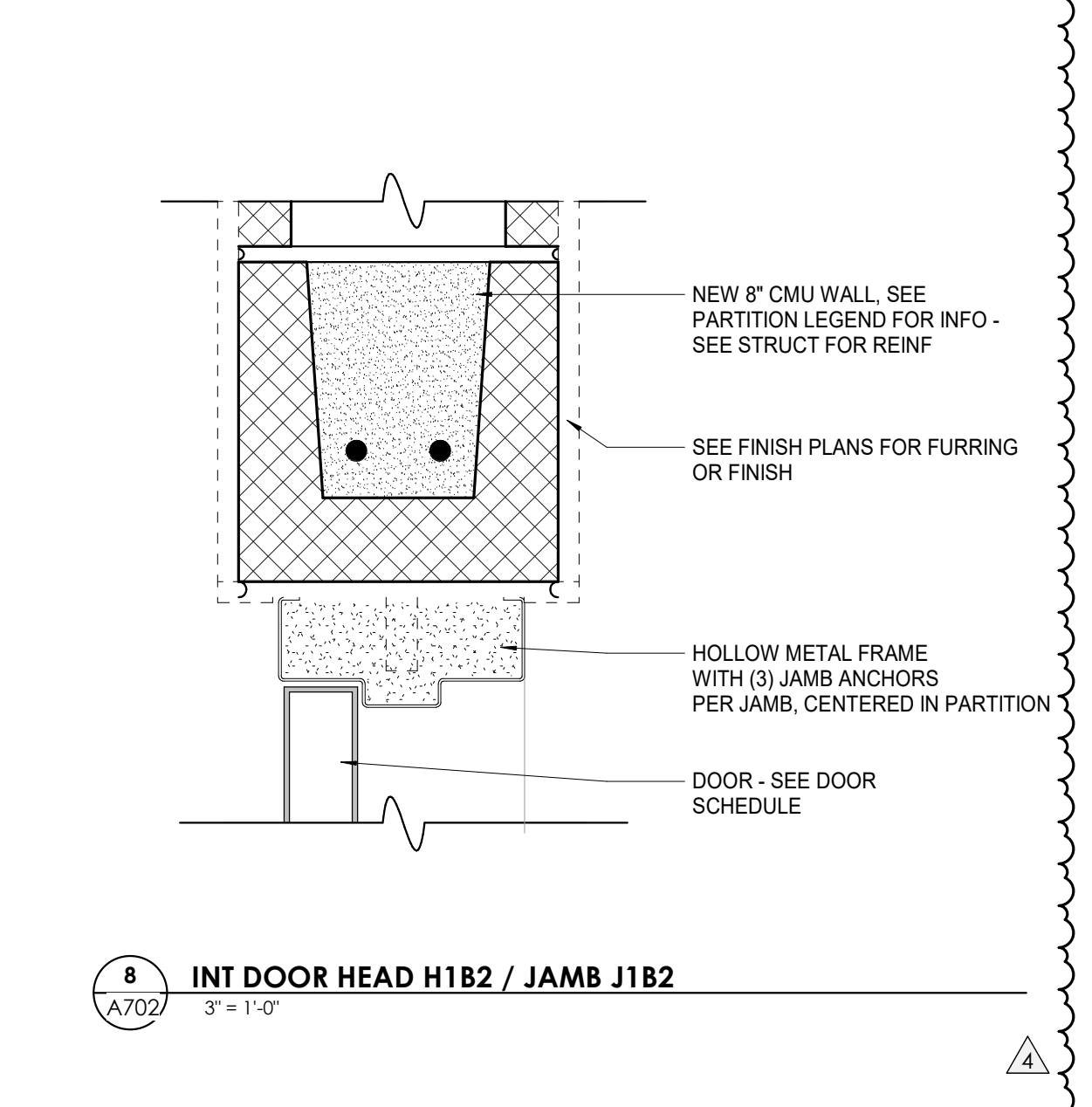
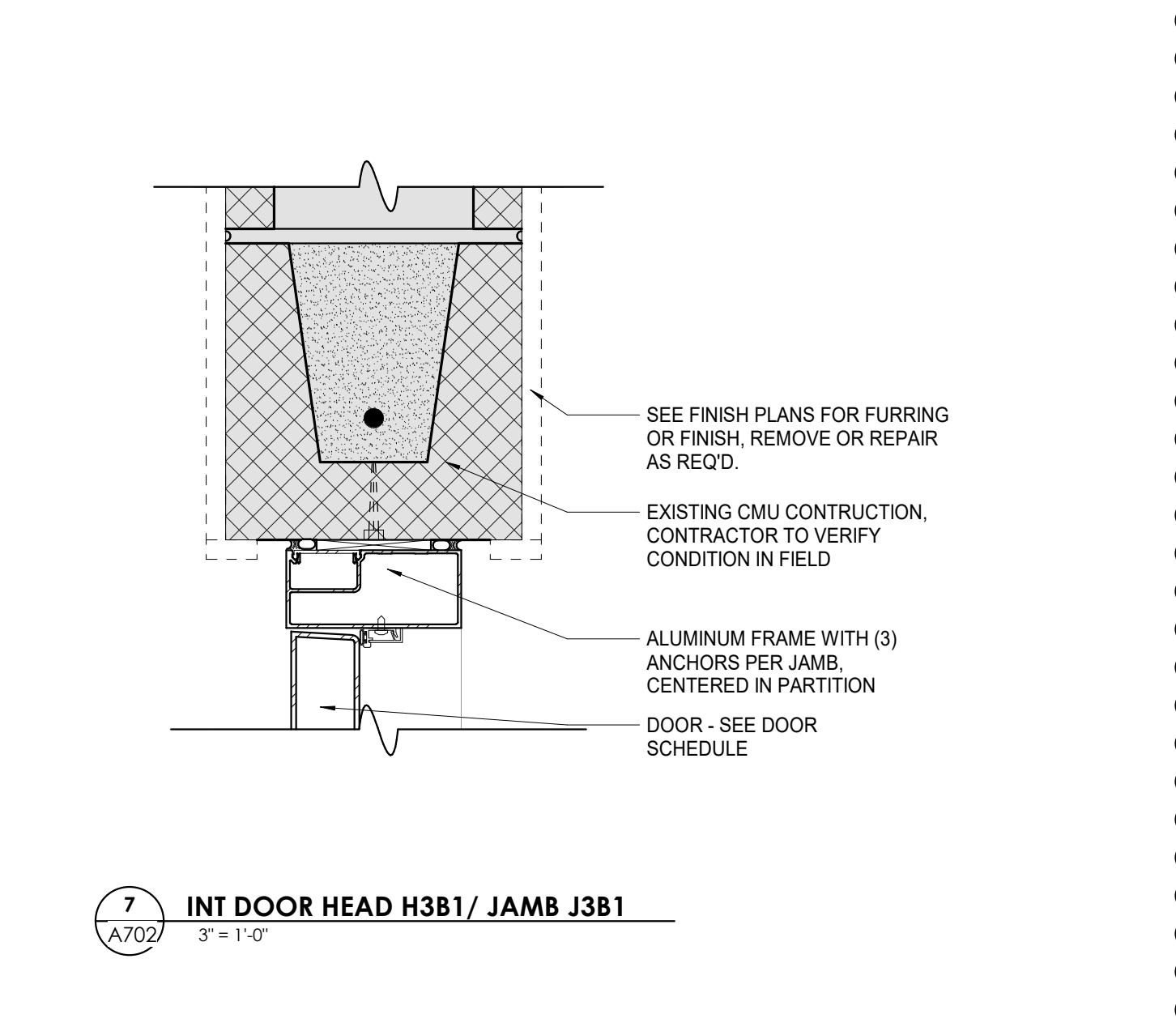
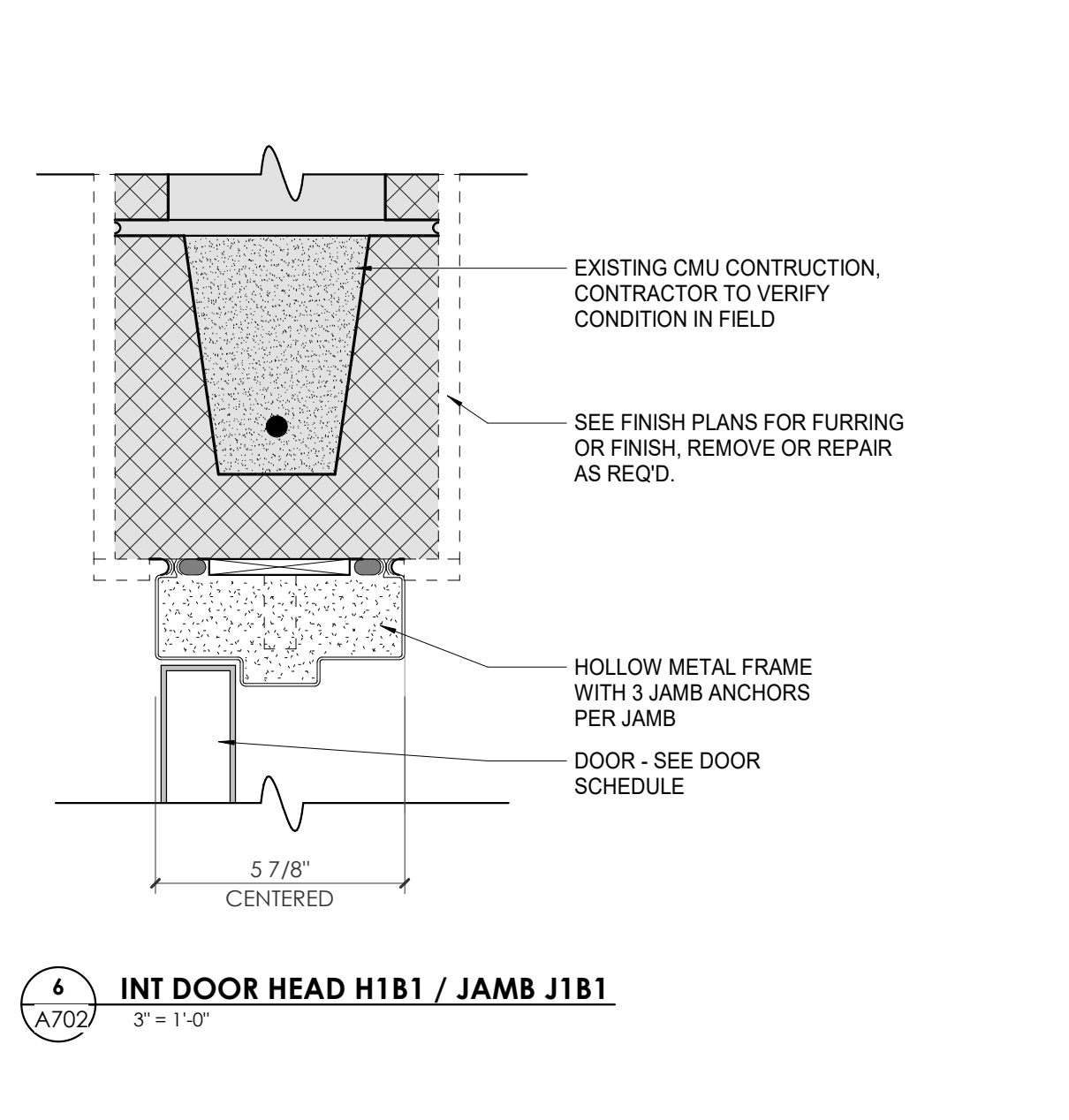
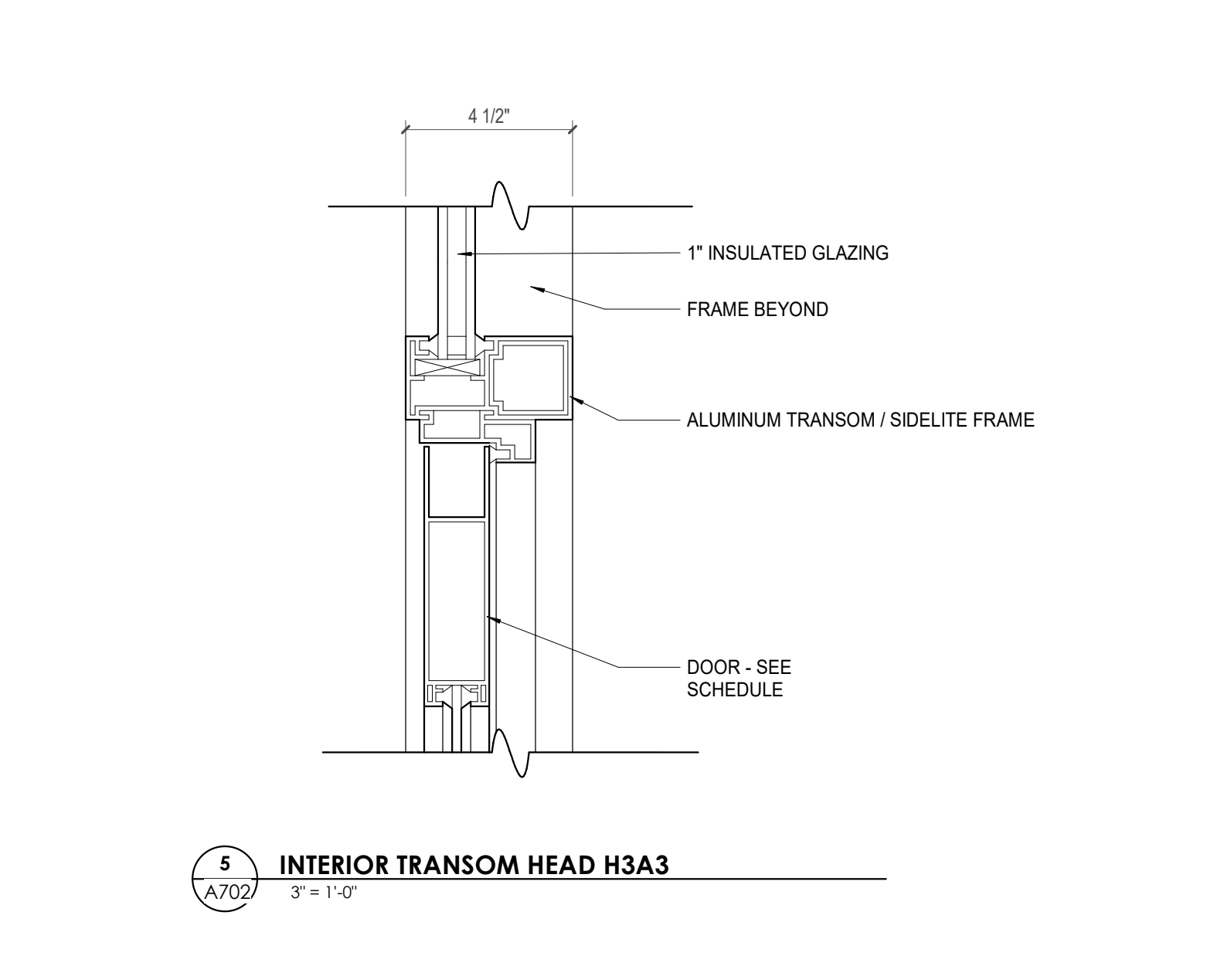
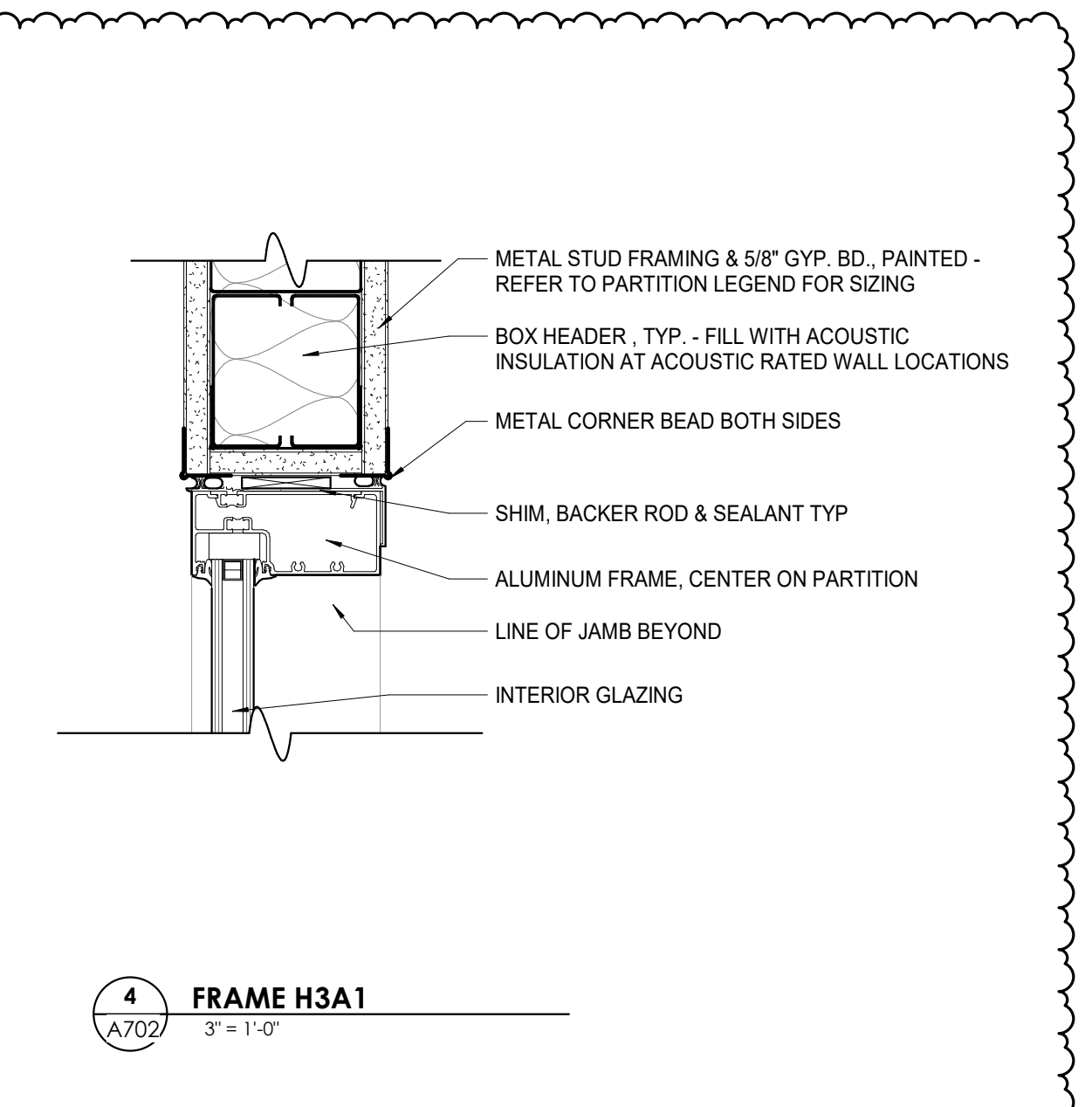
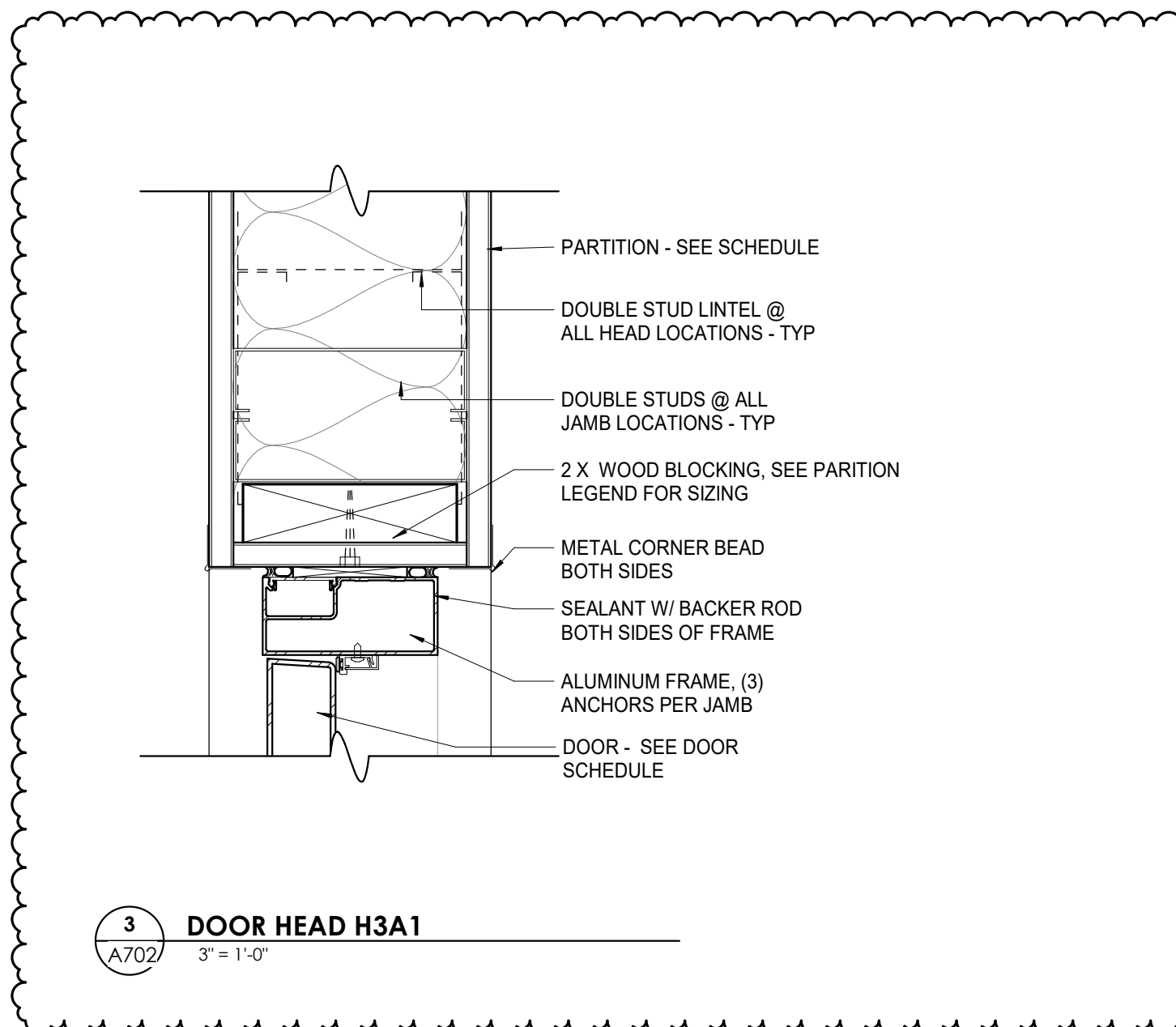
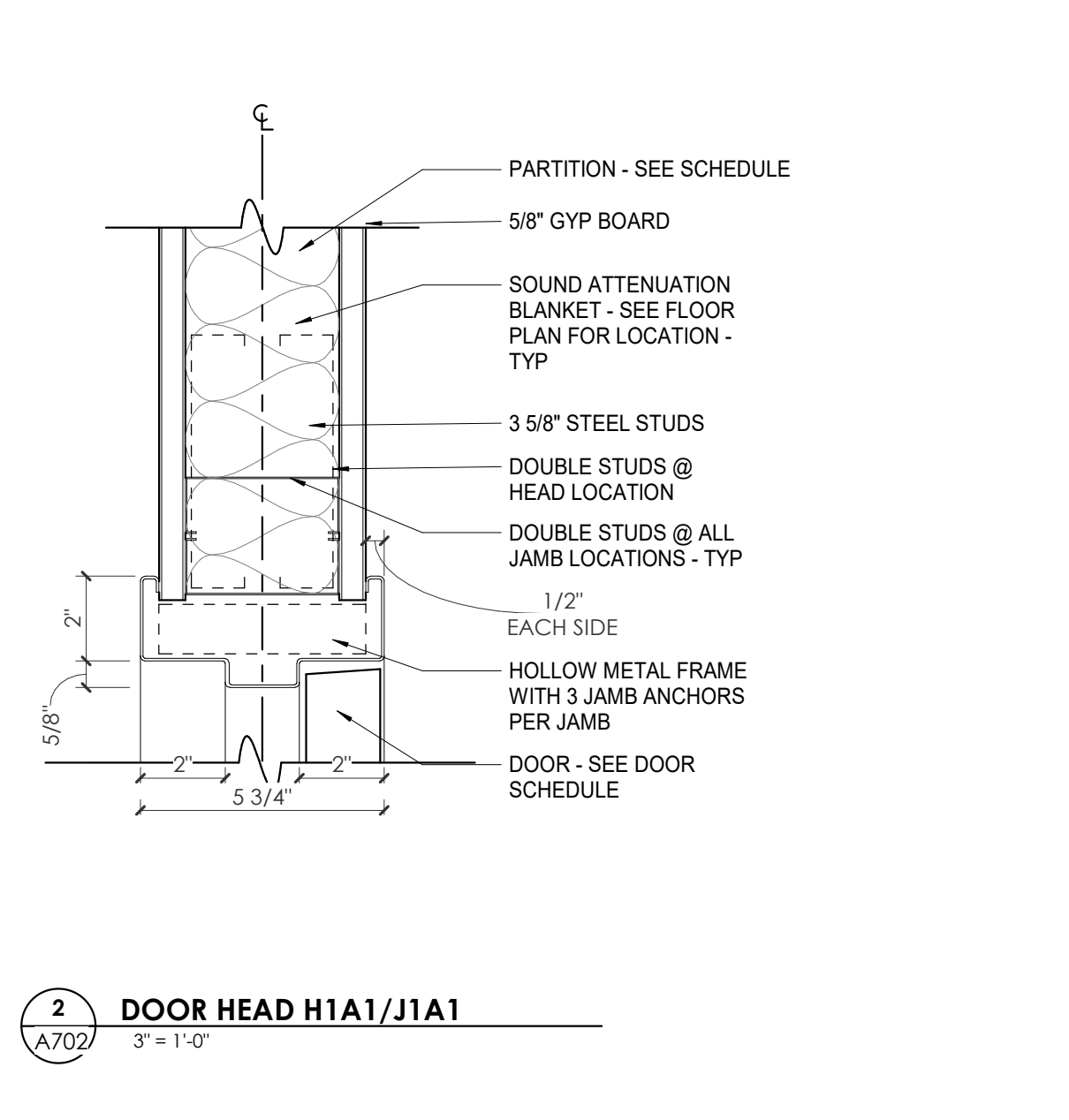
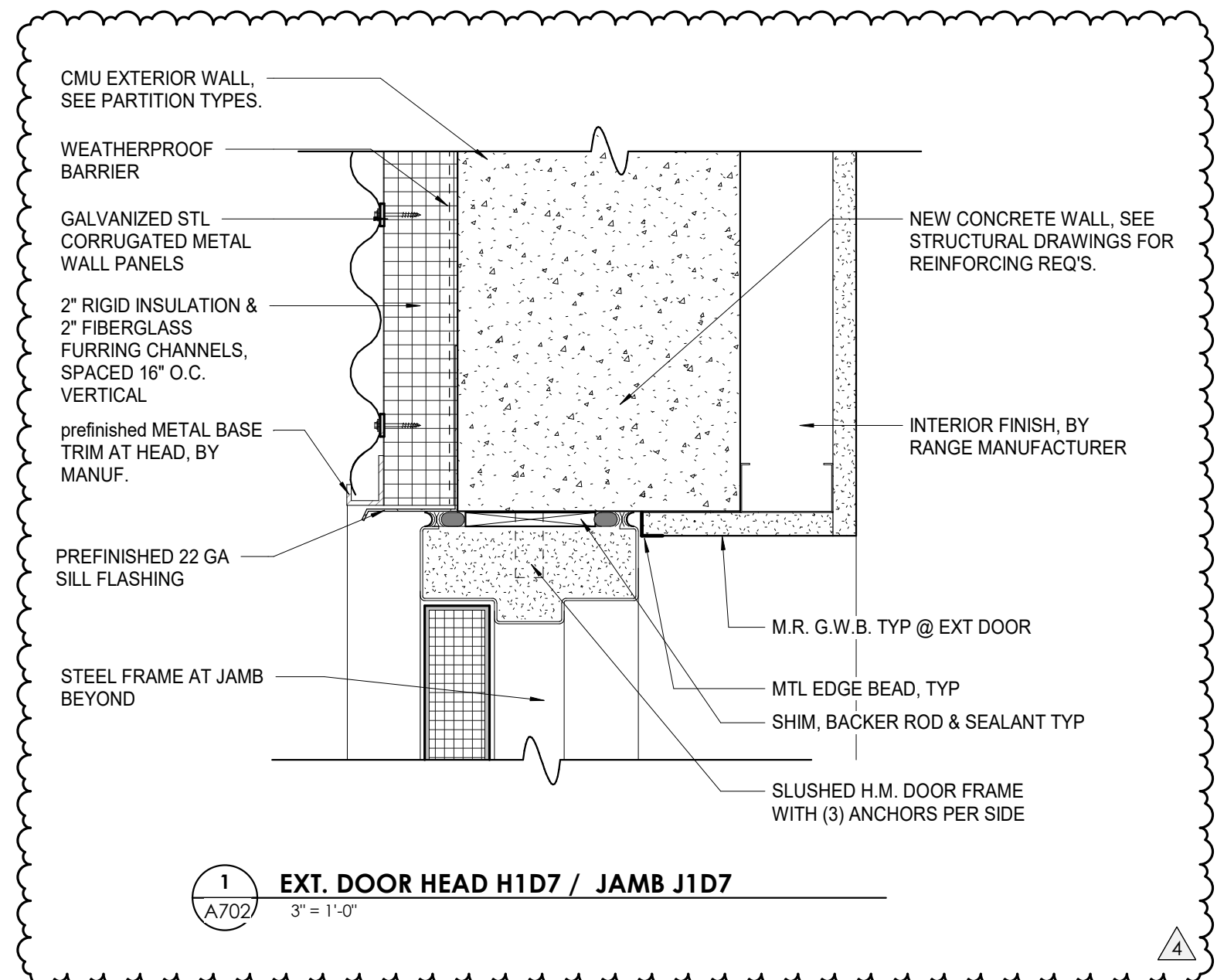
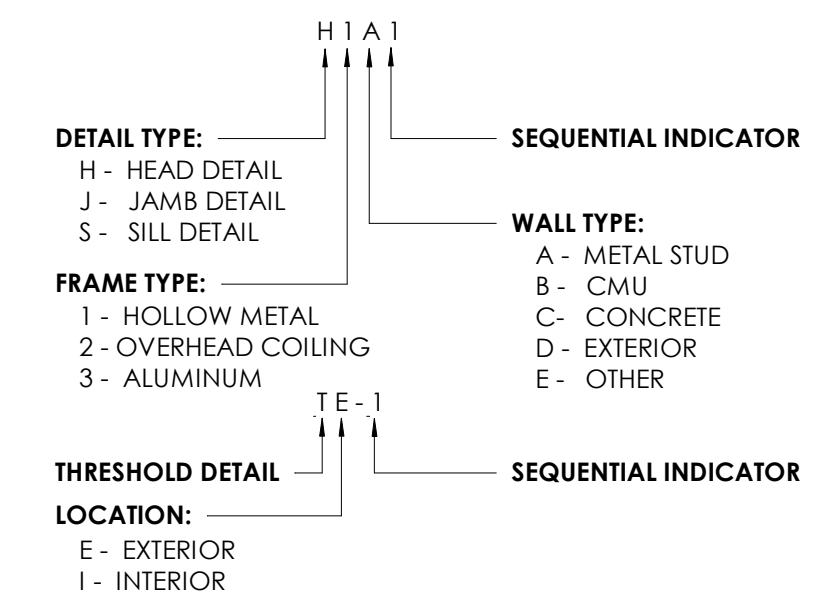
Drawing Info:

A702

WP - DOOR & FRAME DETAILS

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DOOR & WINDOW DETAIL DESIGNATIONS



McCarty Holtsapple McCarty, Inc.
550 W. Main St., Suite 300
Knoxville, TN 37902
423.544.2000
www.mhmcinc.com



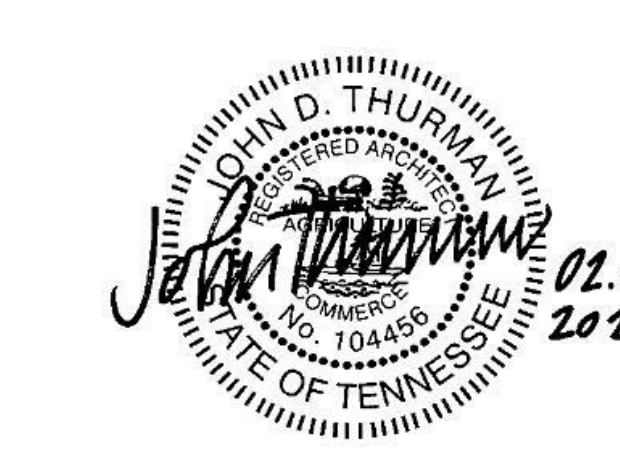
Project Information:

19018

COK SAFETY BUILDING

900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:
Architects Design Group

ISSUE DATE
4 ADD #4.1 03/03/21

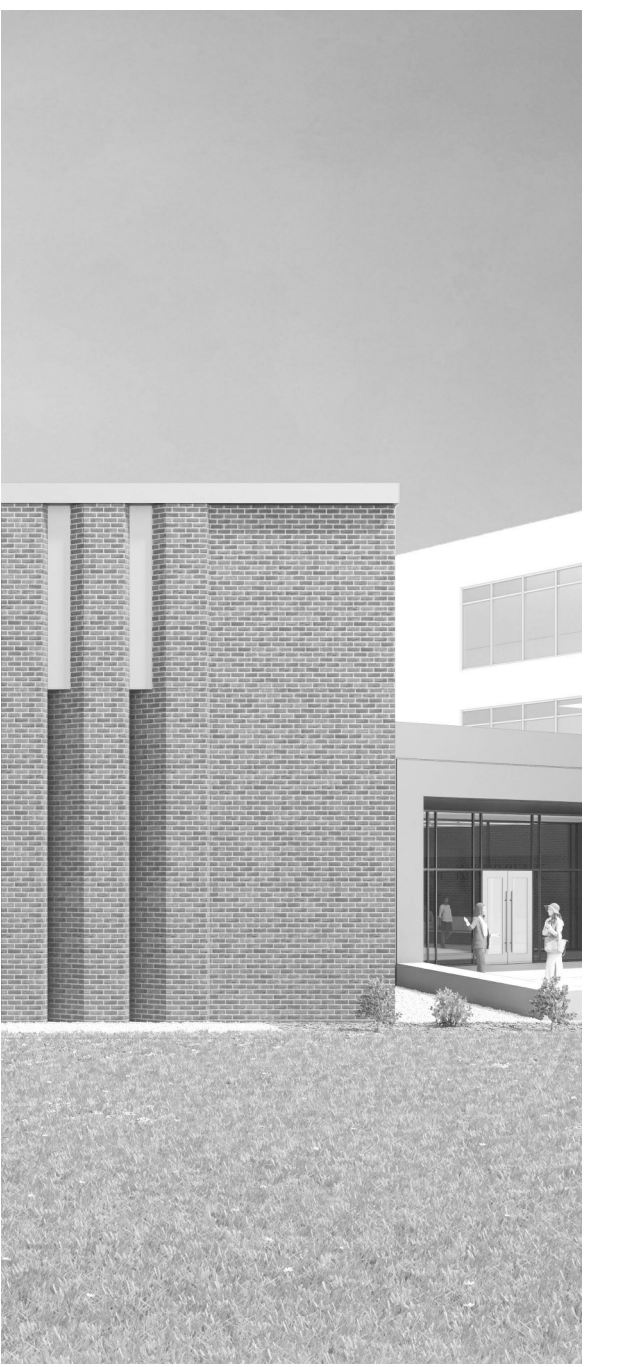
Issue Date: FEBRUARY 1, 2021
PKC DAVID COLLINS
PM JOHN THURMAN
PA LAUREN BUSH /
Drawn By: Author
Checked By: BP

Drawing Info:

A720

POB - DOOR SCHEDULES

DOOR SCHEDULE				DOOR INFORMATION													FRAME INFORMATION				DETAILS				HARDWARE				REMARK		WIRED	
MARK	DOOR NO	ROOM NAME	LEAF QTY	W	HT	THK	TYPE	MATL	FINISH	GLZ	TYPE	MATL	FINISH	HEAD	JAMB	SILL	FIRE RATING	SET NO	REMARK	S	WIRED											
	DOOR SCHEDULE																															
	POB PARKING LEVEL P0																															
	S1045	STAIR 04	1	3'-0"	7'-0"	1 3/4"	F	HM	PT-1	-	S1	HM	PT-1	EX	EX				7	A												
	S1058	STAIR 06	1	3'-0"	7'-0"	1 3/4"	F	HM	PT-1	-	S1	HM	PT-1	EX	EX				7	A												
	POB PARKING LEVEL P1																															
	P1010	GARAGE	1	3'-0"	6'-0"	1 3/4"	F	HM	PT-1	-	S1	HM	PT-1	EX	EX				13	A												
	P1010	26.2 ARMORY	1	3'-0"	7'-0"	1 3/4"	F	HM	PT-1	-	S1	HM	PT-1	EX	EX				13	A	F	WIRED										
	P110	ELEVATOR LOBBY	2	5'-10"	7'-0"	1 3/4"	F	HM	PT-1	-	S1	HM	PT-1	EX	EX				26A	A												
	P110B	ELEVATOR LOBBY	4	4'-0"	7'-0"	2"	FO	-	-	-	-	HM	-	SEE A625	SEE A625				21	A	C											
	P110C	ELEVATOR LOBBY	4	4'-0"	7'-0"	2"	FO	-	-	-	-	HM	-	SEE A625	SEE A625				21	A	C											
	P113	ELEC	1	3'-0"	7'-0"	1 3/4"	F	HM	PT-1	-	S1	HM	PT-1	EX	EX				13	A	F	WIRED										
	P115	MECH VENT	1	3'-0"	7'-0"	1 3/4"	F	HM	PT-1	-	S1	HM	PT-1	EX	EX				30	A												
	S101	STAIR 01	1	3'-0"	7'-0"	1 3/4"	F	HM	PT-1	-	S1	HM	PT-1	EX	EX				38A	A												
	S103	STAIR 03	1	3'-0 1/2"	7'-0"	1 3/4"	F	HM	PT-1	-	S1	HM	PT-1	EX	EX				38A	A												
	S105A	STAIR 05	1	3'-0"	7'-0"	1 3/4"	F	HM	PT-1	-	S1	HM	PT-1	EX	EX				38A	A												
	S105A	STAIR 05	1	3'-0"	7'-0"	1 3/4"	F	HM	PT-1	-	S1	HM	PT-1	EX	EX				38A	A												
	ADD POB Parking Level 1																															
	P101A	ELEVATOR	4	4'-0"	7'-0"	2"	FO	-	-	-	-	HM	-	SEE A625	SEE A625				21	A	C											
	P101B	ELEVATOR	4	4'-0"	7'-0"	2"	FO	-	-	-	-	HM	-	SEE A625	SEE A625				21	A	C											
	POB PARKING LEVEL P2																															
	P210	ELEVATOR LOBBY	2	6'-0"	7'-0"	1 3/4"	F	HM	PT-1	-	S1	HM	PT-1	EX	EX				26A	A												
	P210B	ELEVATOR LOBBY	4	4'-0"	7'-0"	2"	FO	-	-	-	-	HM	-	SEE A625	SEE A625				21	A	C											
	P210C	ELEVATOR LOBBY	4	4'-0"	7'-0"	2"	FO	-	-	-	-	HM	-	SEE A625	SEE A625				21	A	C											
	P210D	ELEVATOR LOBBY	4	4'-0"	7'-0"	2"	FO	-	-	-	-	HM	-	SEE A625	SEE A625				21	A	C											
	P210E	ELEVATOR LOBBY	4	4'-0"	7'-0"	2"	FO	-	-	-	-	HM	-	SEE A625	SEE A625				21	A	C											
	P210F	ELEVATOR LOBBY	4	4'-0"	7'-0"	2"	FO	-	-	-	-	HM	-	SEE A625	SEE A625				21	A	C											
	P210G	ELEVATOR LOBBY	4	4'-0"	7'-0"	2"	FO	-	-	-	-	HM	-	SEE A625	SEE A625				21	A	C											
	P210H	ELEVATOR LOBBY	4	4'-0"	7'-0"	2"	FO	-	-	-	-	HM	-	SEE A625	SEE A625				21	A	C											
	P210I	ELEVATOR LOBBY	4	4'-0"	7'-0"	2"	FO	-	-	-	-	HM	-	SEE A625	SEE A625				21	A	C											
	P210J	ELEVATOR LOBBY	4	4'-0"	7'-0"	2"	FO	-	-	-	-	HM	-	SEE A625	SEE A625				21	A	C											
	P210K	ELEVATOR LOBBY	4	4'-0"	7'-0"	2"	FO	-	-	-	-	HM	-	SEE A625	SEE A625				21	A	C											
	P210L	ELEVATOR LOBBY	4	4'-0"	7'-0"	2"	FO	-	-	-	-	HM	-	SEE A625	SEE A625				21	A	C											
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	P210R	ELEVATOR LOBBY	4	4'-0"	7'-0"	2"	FO	-	-	-	-	HM	-	SEE A625	SEE A625				21	A	C											
	P210S	ELEVATOR LOBBY	4	4'-0"	7'-0"	2"	FO	-	-	-	-	HM	-	SEE A625	SEE A625				21	A	C											
	P210T	ELEVATOR LOBBY	4	4'-0"	7'-0"	2"	FO	-	-	-	-	HM	-	SEE A625	SEE A625				21	A	C											
	P210U	ELEVATOR LOBBY	4	4'-0"	7'-0"	2"	FO	-	-	-	-	HM	-	SEE A625	SEE A625				21	A	C											
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	P210W	ELEVATOR LOBBY	4	4'-0"	7'-0"	2"	FO	-	-	-	-	HM	-	SEE A625	SEE A625				21	A	C											
	P210X	ELEVATOR LOBBY	4	4'-0"	7'-0"	2"	FO	-	-	-	-	HM	-	SEE A625	SEE A625				21	A	C											
	P210Y	ELEVATOR LOBBY	4	4'-0"	7'-0"	2"	FO	-	-	-	-	HM	-	SEE A625	SEE A625				21	A	C											
	P210Z	ELEVATOR LOBBY	4	4'-0"	7'-0"	2"	FO	-	-	-	-	HM	-	SEE A625	SEE A625				21	A	C											
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	S202	STAIR 2	1	3'-0 1/2"	7'-0"	1 3/4"	F	HM	PT-1	-	S1	HM	PT-1	EX	EX				38A	A												
	S203	STAIR 3	1	3'-0"	7'-0"	1 3/4"	F	HM	PT-1	-	S1	HM	PT-1	EX	EX				38A	A												
	S204	STAIR 4	1	3'-0"	7'-0"	1 3/4"	F	HM	PT-1	-	S1	HM	PT-1	EX	EX				38A	A												
	S206	STAIR 06	1	3'-0"	7'-0"	1 3/4"	F	HM	PT-1	-	S1	HM	PT-1	EX	EX				38A	A												
	ADD POB Parking Level 2																															
	P220C	POB PARKING ADDITION P2	4	4'-0"	7'-0"	2"	FO	-	-	-	-	HM	-	SEE A625	SEE A625				21	A	C											
	P220D	POB PARKING ADDITION P2	4	4'-0"	7'-0"	2"	FO	-	-	-	-	HM	-	SEE A625	SEE A625				21	A	C											
	POB PARKING LEVEL P3																															
	P306	STORAGE	1	3'-0"	7'-0"	1 3/4"	F	HM	PT-1	-	S1	HM	PT-1	EX	EX				13	A	F	WIRED										
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	S307B	STAIR 01	1	3'-0"	7'-0"	1 3/4"	F	HM	PT-1	-	S1	HM	PT-1	EX	EX				38A	A												
	S307C	STAIR 01	1	3'-0"	7'-0"	1 3/4"	F	HM	PT-1	-	S1	HM	PT-1	EX	EX				38A	A												
	S307D	STAIR 01	1	3'-0"	7'-0"	1 3/4"	F	HM	PT-1	-	S1	HM	PT-1	EX	EX				38A	A												
	S307E	STAIR 01	1	3'-0 1/2"	7'-0"	1 3/4"	F	HM	PT-1	-	S1	HM	PT-1	EX	EX				38A	A												
	S307F	STAIR 01	1	3'-0"	7'-0"	1 3/4"	F	HM	PT-1	-	S1	HM	PT-1	EX	EX				38A	A												
	S307G	STAIR 01	1	3'-0"	7'-0"	1 3/4"	F	HM	PT-1	-	S1	HM	PT-1	EX	EX				38A	A												
	S307H	STAIR 01	1	3'-0"	7'-0"	1 3/4"	F	HM	PT-1	-	S1	HM	PT-1	EX	EX				38A	A												



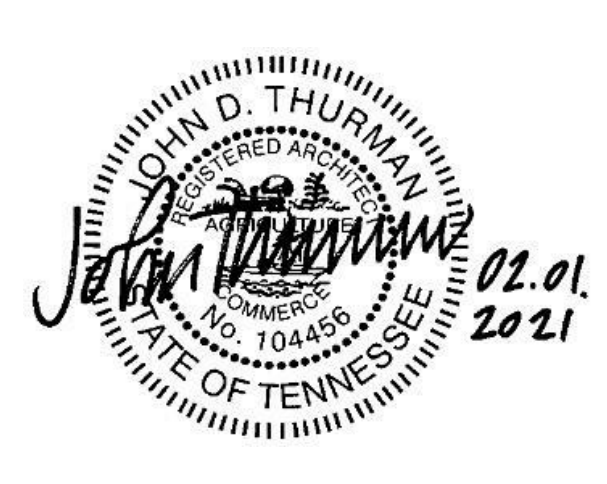
Project Information:

19018

COK PUBLIC SAFETY COMPLEX

900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:

Architects Design Group

#	ISSUE	DATE
4	ADD #04.1	03/03/21

Issue Date:	FEBRUARY 01, 2021
PKC:	DAVID COLLINS
PM:	JOHN THURMAN
PA:	LAUREN BUSH /
Drawn By:	ADG
Checked By:	BP

Drawing Info:

A711

CA - DOOR TYPES & EXTERIOR DOOR & FRAME DETAILS

ALUMINUM STOREFRONT NOTES:

- SEE DOOR ELEVATIONS & OPENING SCHEDULE FOR INTERIOR DOOR TYPES & MFG. SPECS.
- CONTRACTOR TO SUBMIT SHOP DRAWINGS & MATERIAL SAMPLES TO ARCHITECT FOR APPROVAL PRIOR TO FABRICATION.
- CONTRACTOR TO FIELD VERIFY ROUGH OPENINGS SIZINGS PRIOR TO FABRICATION.
- DOORS TO MATCH FRAMES U.N.O.
- ALL INTERIOR STOREFRONT ALUMINUM FRAMES TO BE 2" X 4 1/2" BLACK ANODIZED FINISHED, U.N.O.
- ALL GLAZING IN WINDOWS & DOORS TO COMPLY WITH SAFETY GLAZING REQUIREMENTS, AS REQUIRED BY BUILDING CODE & MFG. RECOMMENDATIONS.
- PROVIDE FULLY TEMPERED GLAZING UNITS AT ALL WINDOW LOCATIONS ADJACENT TO DOORS.
- PROVIDE THRESHOLD & SWEEPS ON ALL EXTERIOR DOORS. PROVIDE THRESHOLDS AS REQ'D TO MEET SOUND, BALLISTIC, & FIRE RATINGS.

EXTERIOR GLAZING TYPES:

- 1" CLEAR INSULATED GLAZING, TEMPERED
- 1" CLEAR INSULATED GLAZING
- 1 1/4" CLEAR INSULATED, TYPE 3 BALLISTIC RATED GLAZING
- 1" INSULATED SPANDREL PANEL, COLOR TO MATCH FRAME FINISH

INTERIOR GLAZING TYPES:

- 1/4" (MIN) CLEAR SINGLE PANE, TEMPERED
- 1/4" (MIN) CLEAR SINGLE PANE
- 1 1/4" (MIN) CLEAR, TYPE 3 BALLISTIC RATED GLAZING

DOOR & WINDOW DETAIL DESIGNATIONS

DETAIL TYPE:
H - HEAD DETAIL
J - JAMB DETAIL
S - SILL DETAIL

FRAME TYPE:
1 - HOLLOW METAL
2 - OVERHEAD COILING
3 - ALUMINUM

WALL TYPE:
A - METAL STUD
B - CMU
C - CONCRETE
D - EXTERIOR
E - OTHER

THRESHOLD DETAIL:
E - EXTERIOR
I - INTERIOR

SEQUENTIAL INDICATOR:
H I A 1
T E - 1

Leaf Width, SEE SCHEDULE, Leaf Width, SEE SCHEDULE, Leaf Width, SEE SCHEDULE, Leaf Width, SEE SCHEDULE, Leaf Width, SEE SCHEDULE.

7" MAX STILE, 7" MAX STILE, 7" MAX STILE, 7" MAX STILE, 7" MAX STILE, 7" MAX STILE, 7" MAX STILE, 7" MAX STILE, 7" MAX STILE.

Leaf Height (per Door Schedule), 7" MAX (TOP ROLL), 1/4" MAX (BOTTOM ROLL), 3/4" MAX (UC UNDERCUT), 2" TYP UNO.

Leaf Width x Leaf Qty (per Door Schedule), Leaf Width x Leaf Qty (per Door Schedule), Leaf Width x Leaf Qty (per Door Schedule).

HM DOOR FRAME, ALUM DOOR FRAME, ALUM STOREFRONT.

1 TYP. EXT DOOR HEAD H1D1 / J1D1
3'-1'-0"

2 EXT DOOR H1D2
3'-1'-0"

3 TYP. EXT DOOR HEAD H3D1 / JAMB J3D1
3'-1'-0"

4 OVERHEAD DOOR HEAD H2D1
3'-1'-0"

5 TYP. STOREFRONT HEAD H3D4 / JAMB J3D4
3'-1'-0"

6 EXT. DOOR JAMB J3D6
3'-1'-0"

7 OVERHEAD DOOR JAMB J2D1
3'-1'-0"

8 DOOR JAMB J1D2
3'-1'-0"

9 MAIN VESTIBULE FRAME AT CANOPY SOFFIT H3D3
3'-1'-0"

10 MEMORIAL WALL GLAZING HEAD H3D5
3'-1'-0"

11 MEMORIAL WALL GLAZING JAMB J3D5
3'-1'-0"

12 EXTERIOR THRESHOLD DETAIL - TE-1
3'-1'-0"

13 MEMORIAL WALL GLAZING SILL S3D5
3'-1'-0"

14 TYP. EXT STOREFRONT SILL S3D1
3'-1'-0"



Project Information:

19018

COK PUBLIC SAFETY COMPLEX
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Seal:



Consultant:

Architects Design Group

#	ISSUE	DATE
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Issue Date:	FEBRUARY 01, 2021
PKC:	DAVID COLLINS
PM:	JOHN THURMAN
PA:	LAUREN BUSH /
Drawn By:	Author
Checked By:	BP

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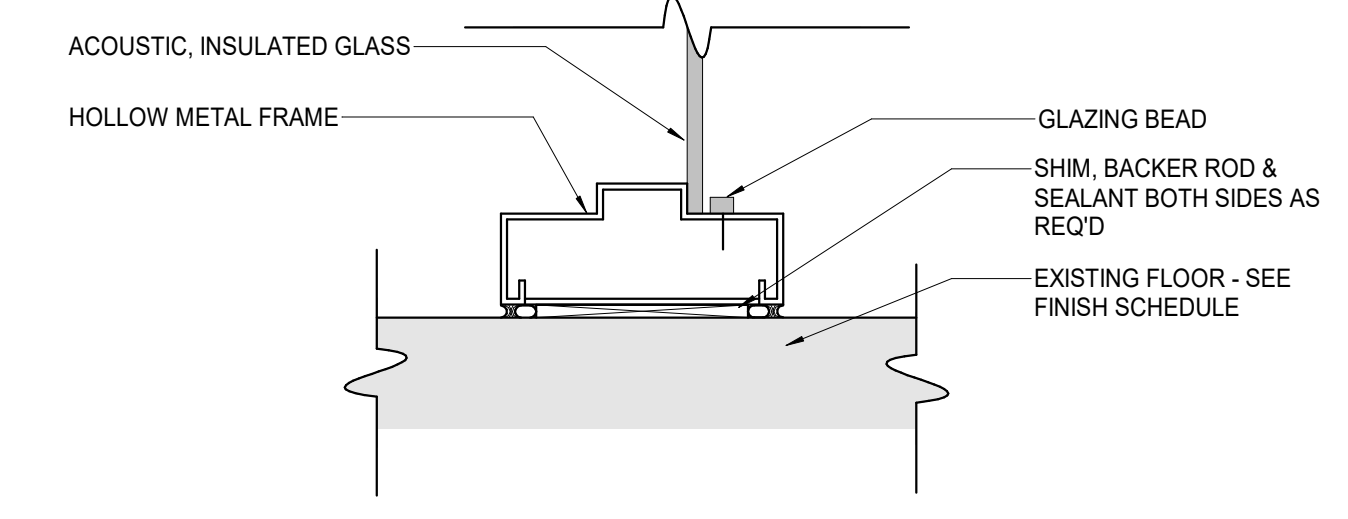
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CA - DOOR & FRAME DETAILS

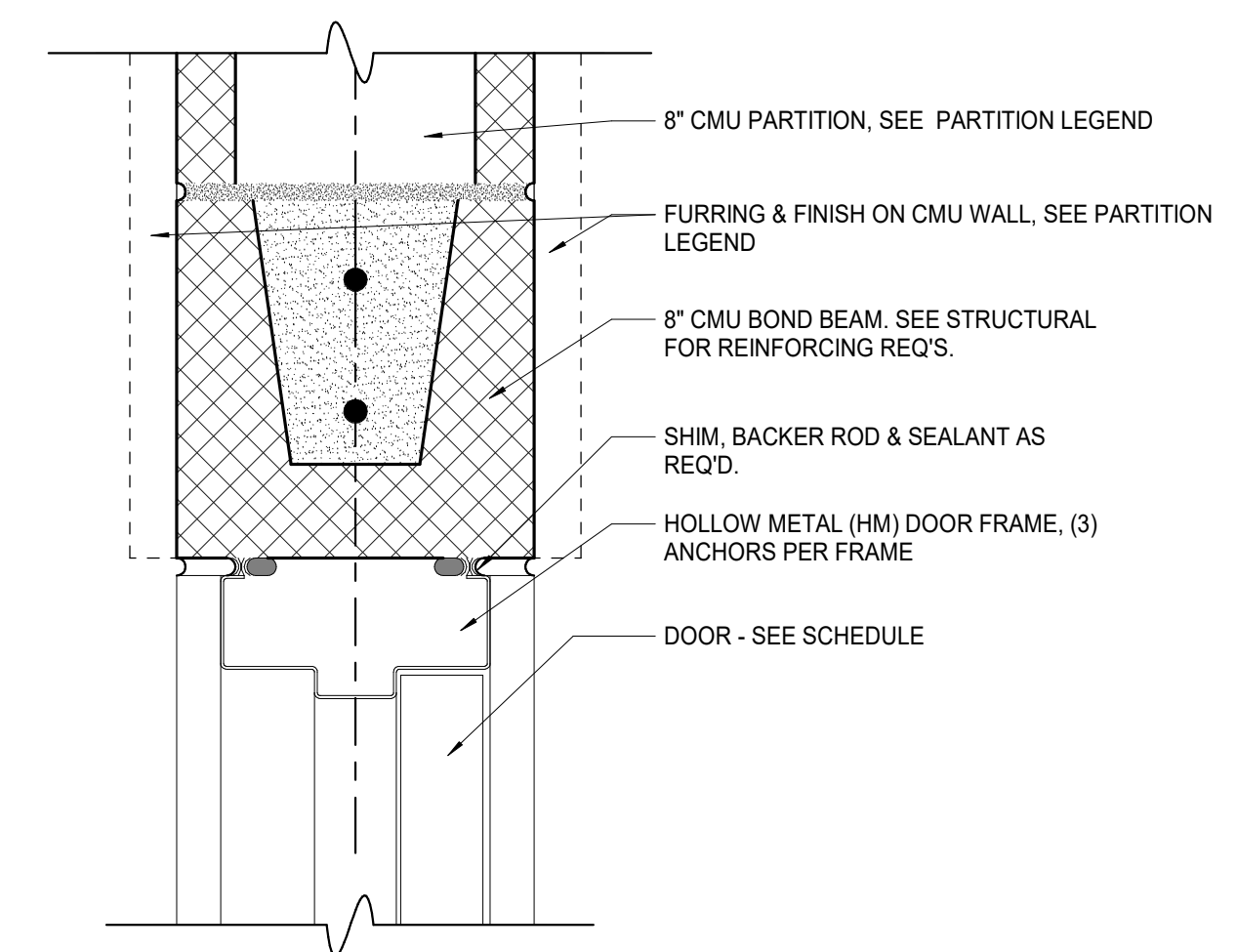
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DOOR & WINDOW DETAIL DESIGNATIONS

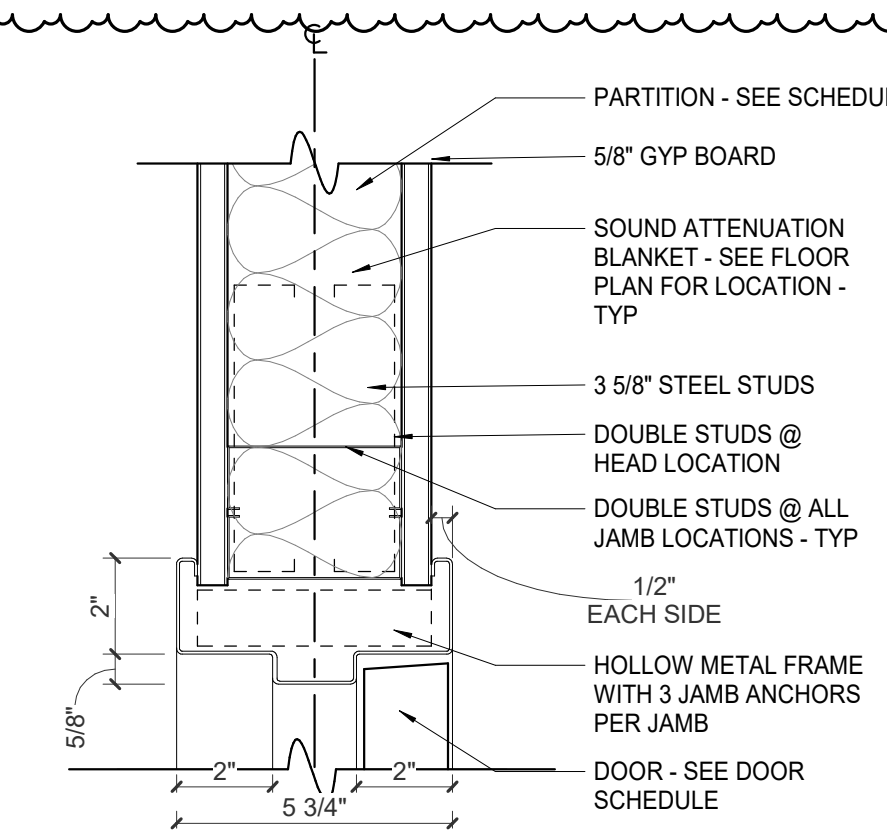
- DETAIL TYPE:**
H - HEAD DETAIL
J - JAMB DETAIL
S - SILL DETAIL
- WALL TYPE:**
A - METAL STUD
B - CMU
C - CONCRETE
D - EXTERIOR
E - OTHER
- FRAME TYPE:**
1 - HOLLOW METAL
2 - OVERHEAD COILING
3 - ALUMINUM
- THRESHOLD DETAIL:**
T E - 1
- LOCATION:**
E - EXTERIOR
I - INTERIOR
- SEQUENTIAL INDICATOR**



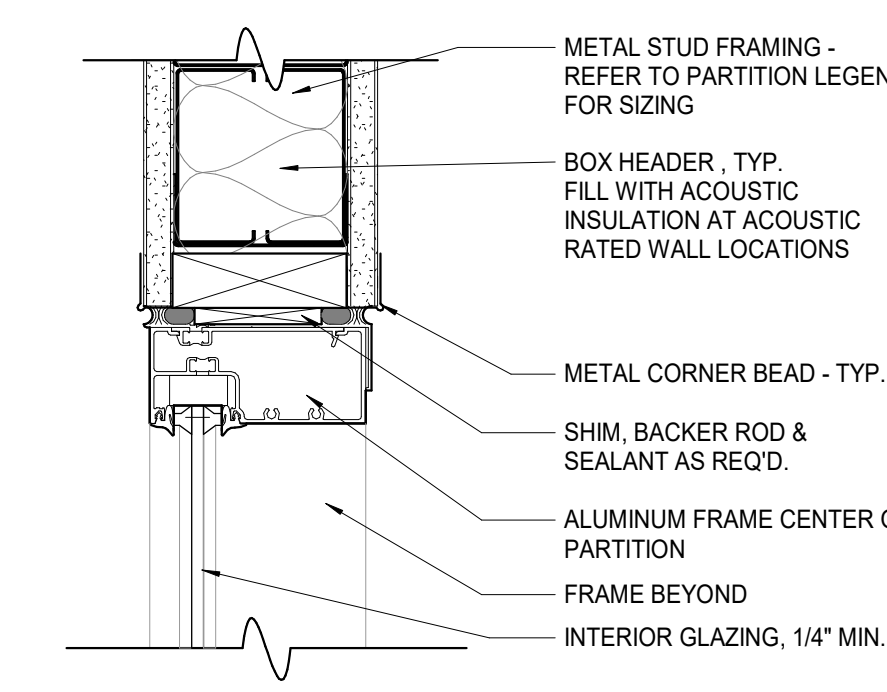
15 SILL S3A3
3" = 1'-0"



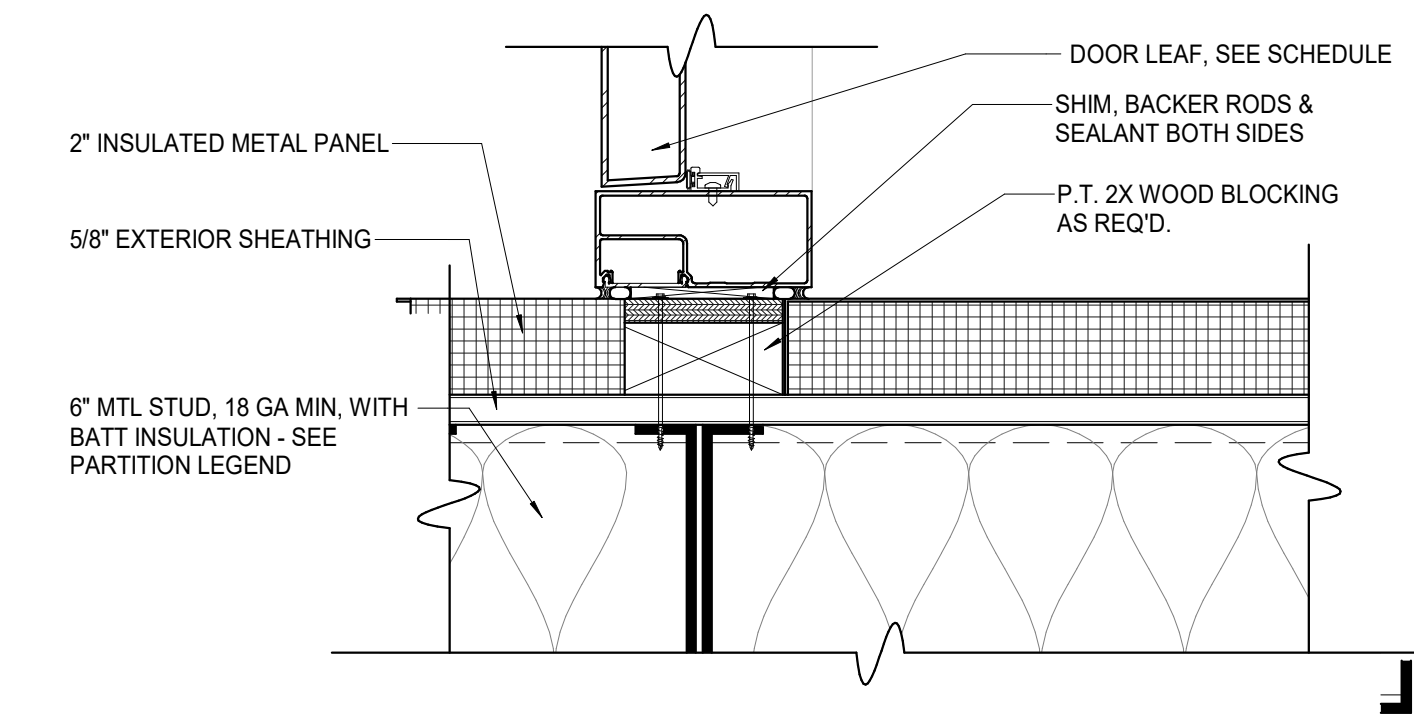
6 INT. CMU DOOR HEAD H1B1 / JAMB J1B1
3" = 1'-0"



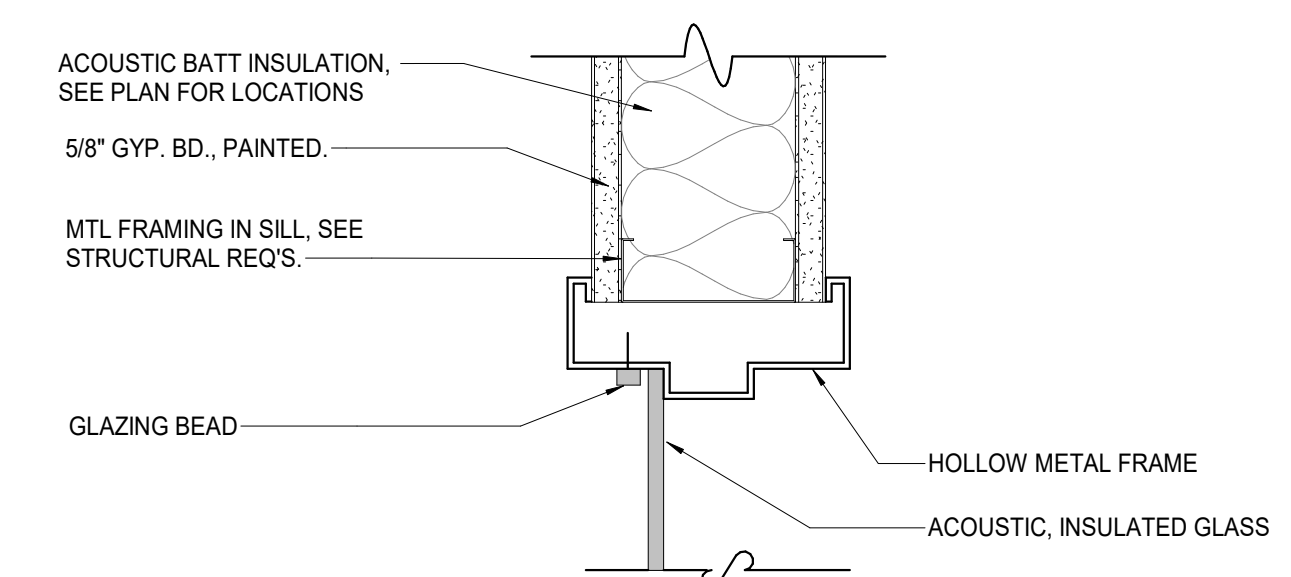
5 INT. H.M. DOOR HEAD H1A1 / JAMB J1A1
3" = 1'-0"



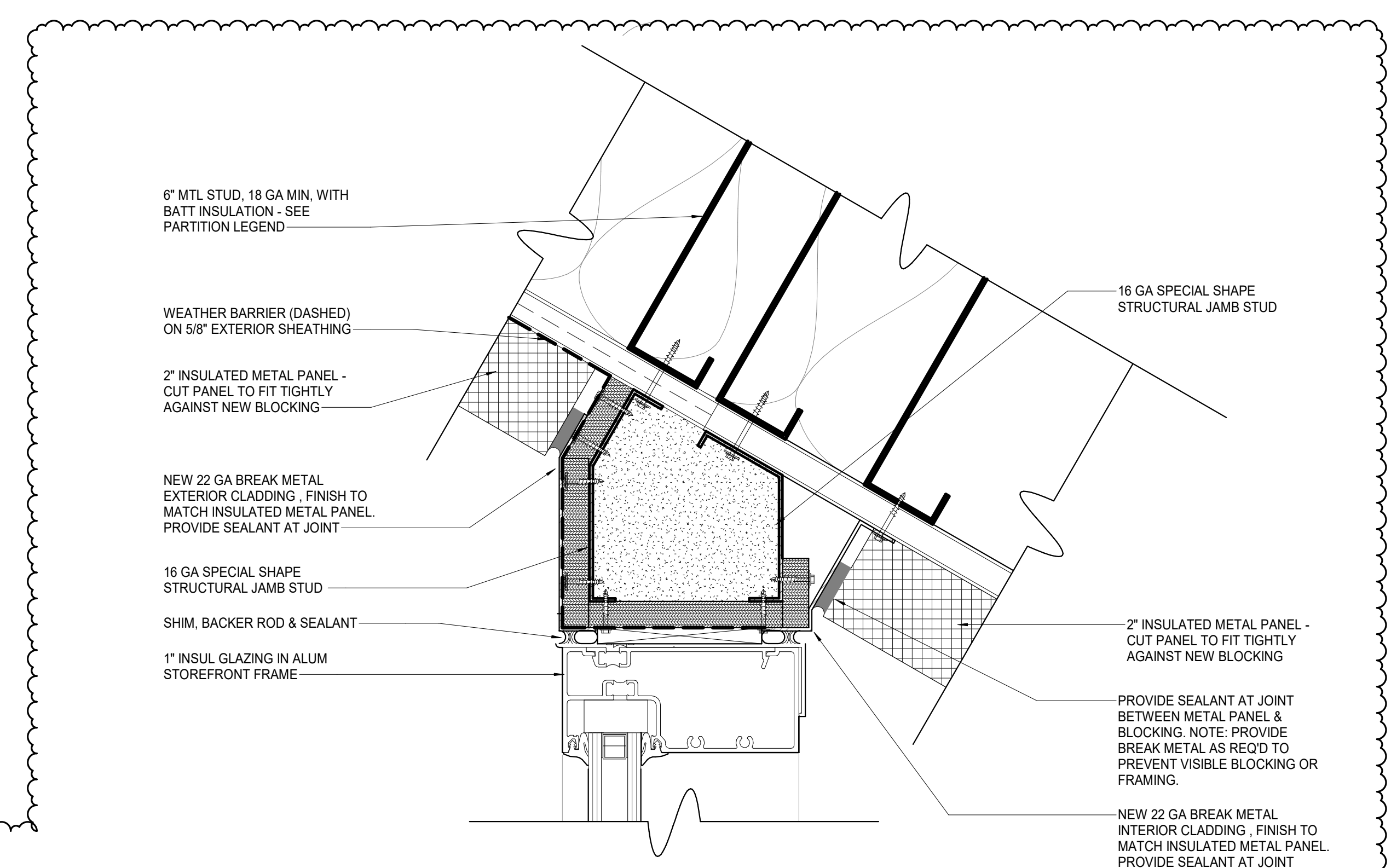
9 INT. ALUM FRAME HEAD / JAMB H3A1
3" = 1'-0"



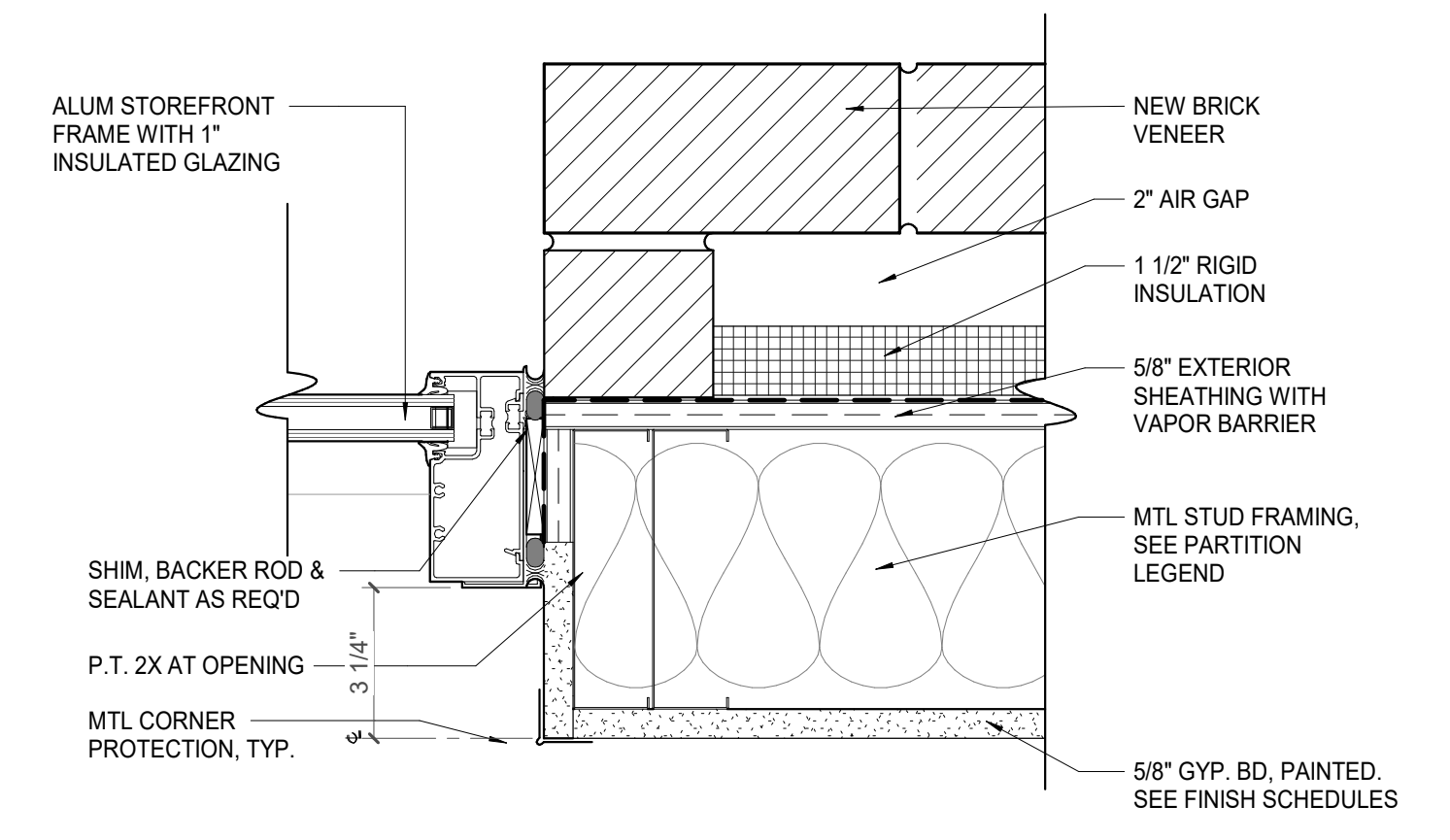
10 INT. MAIN VESTIBULE JAMB J3A3
3" = 1'-0"



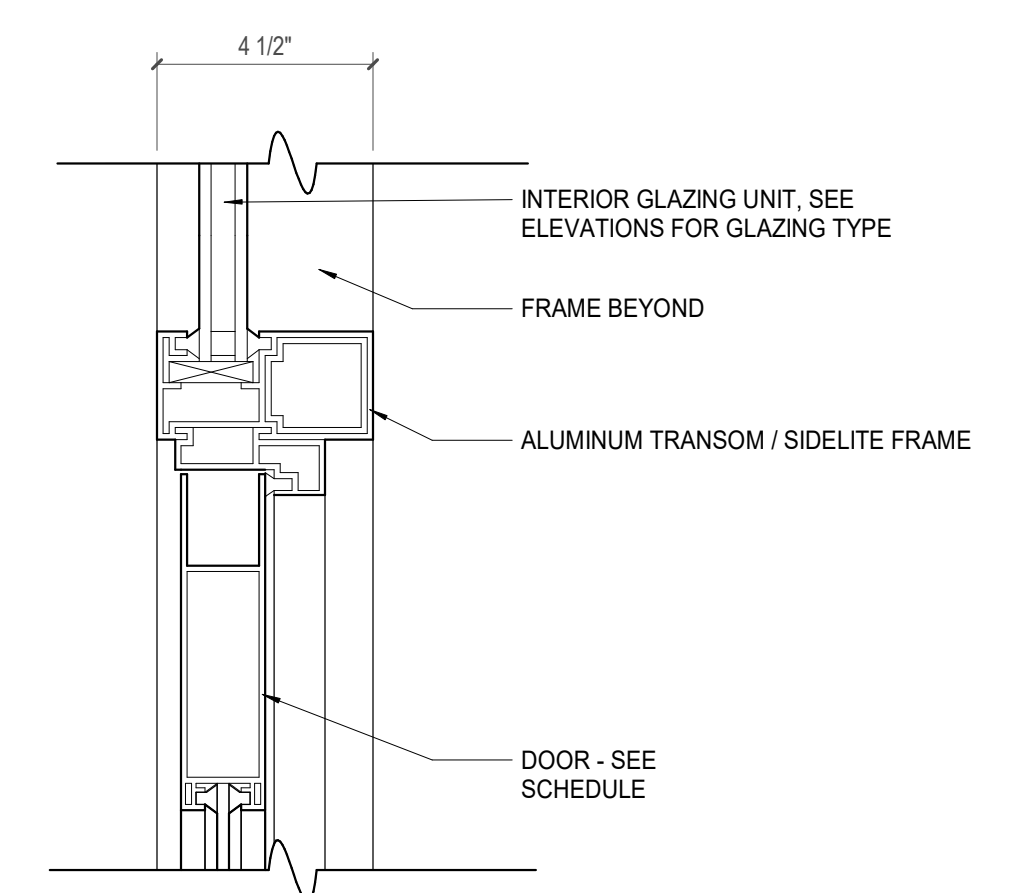
14 INT. DOOR HEAD H1A1 / JAMB J1A1 / SILL S1A1
3" = 1'-0"



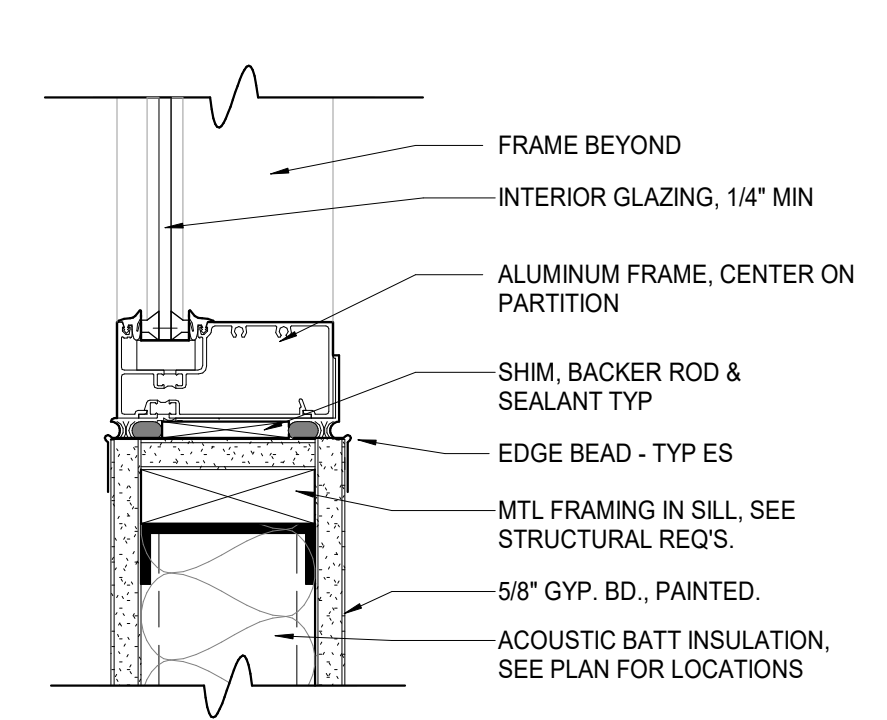
2 MAIN VESTIBULE STOREFRONT NORTH - JAMB J3D6
6" = 1'-0"



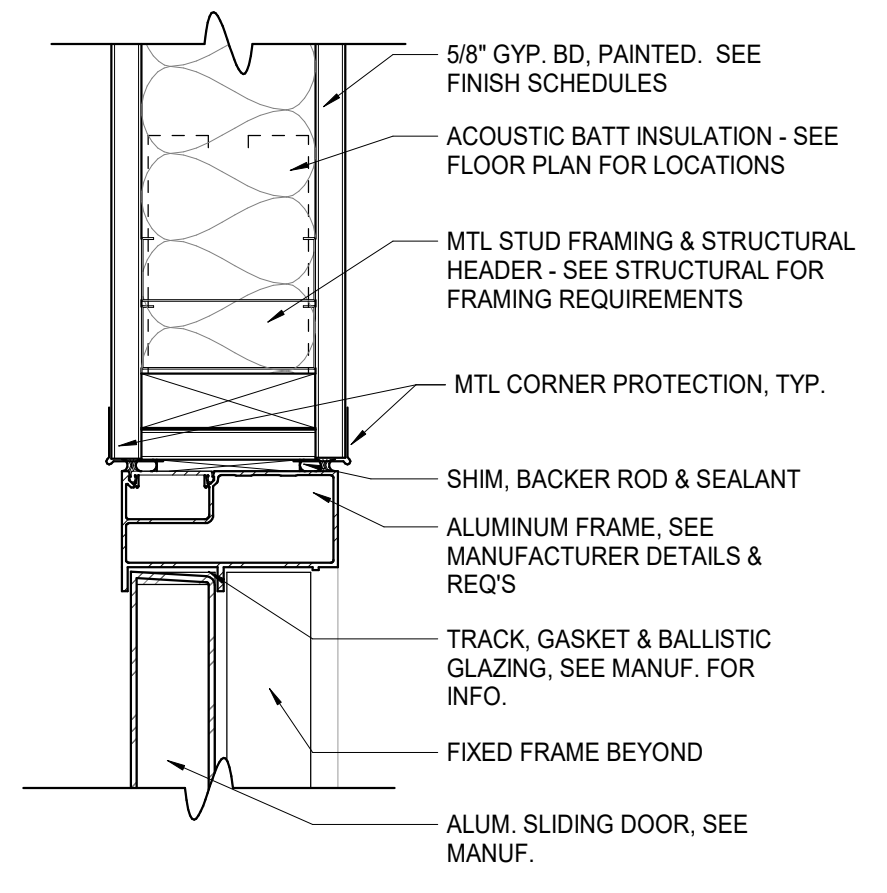
4 EXT. WINDOW JAMB J3D6
3" = 1'-0"



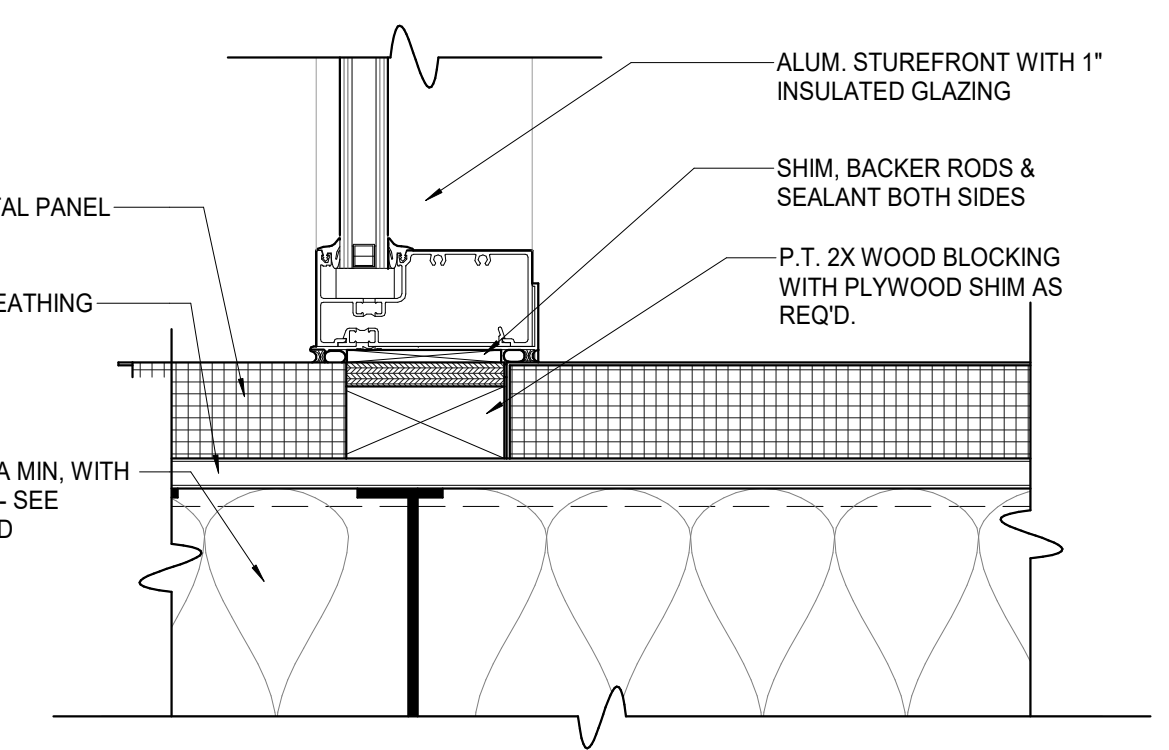
8 INT. ALUM DOOR HEAD H3A2 / JAMB J3A2
3" = 1'-0"



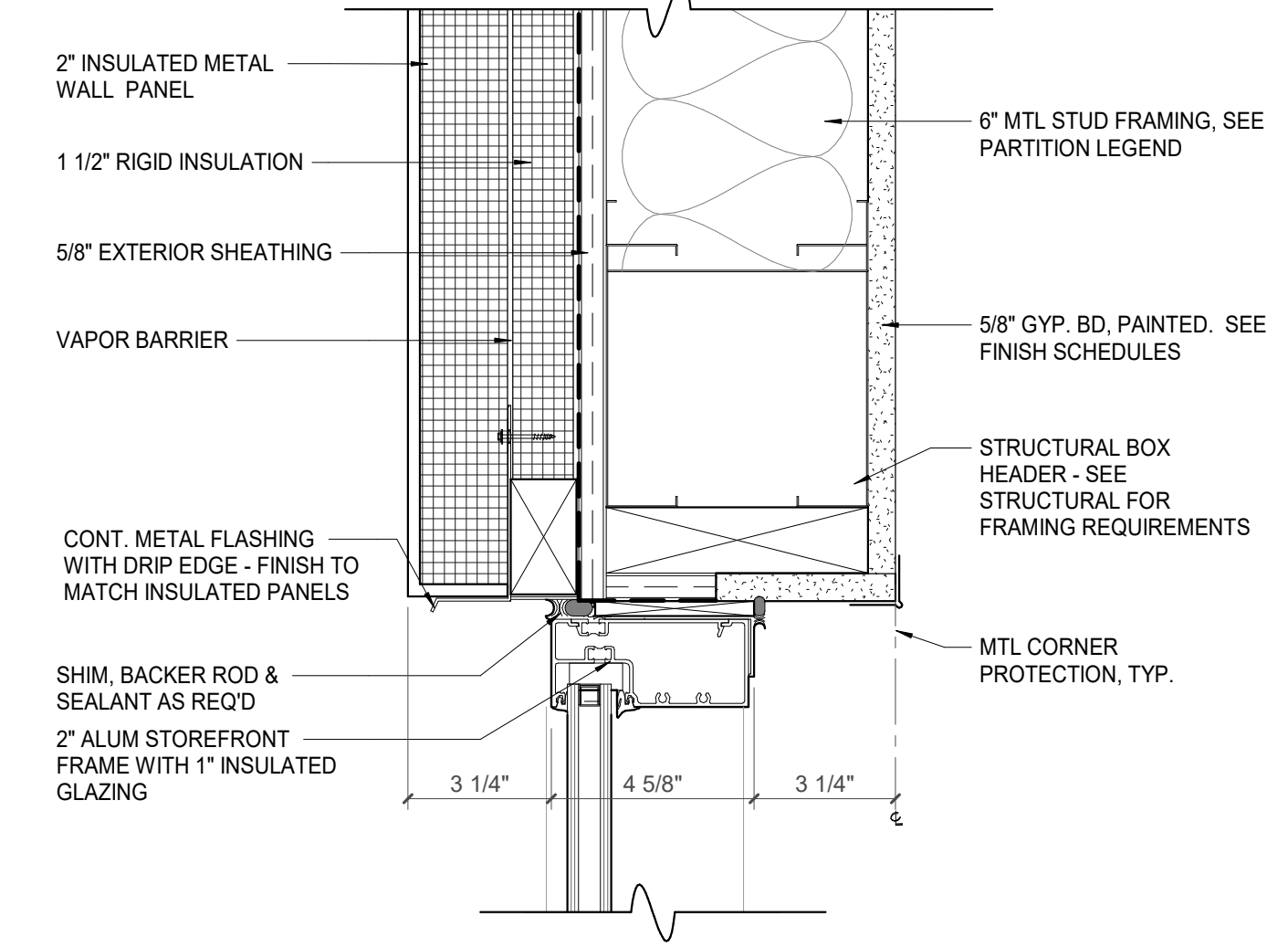
12 INT. ALUM SILL S3A2 DETAIL
3" = 1'-0"



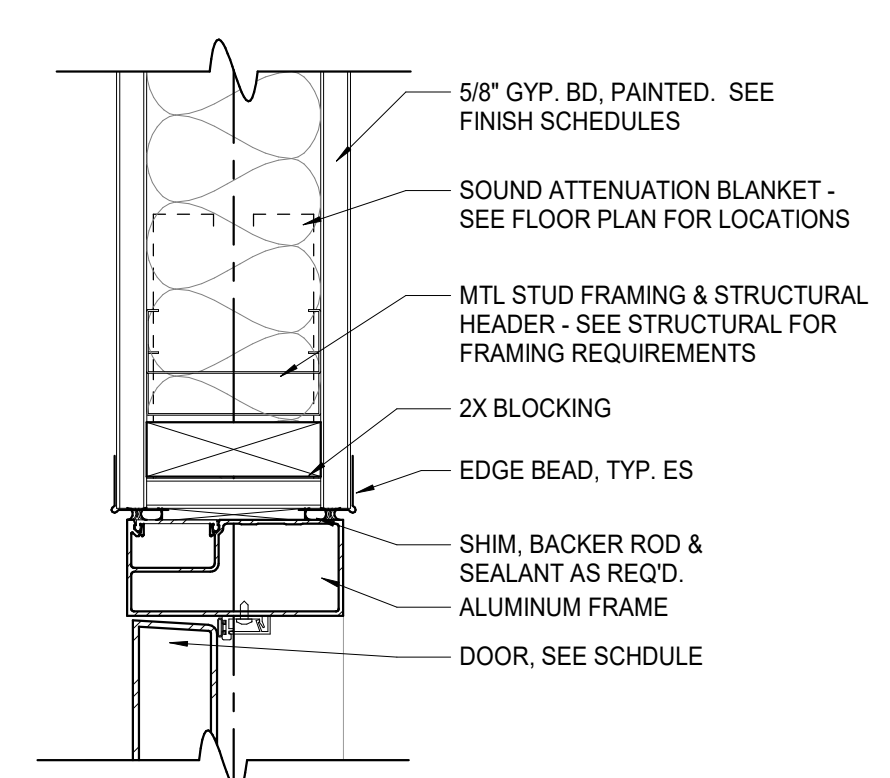
13 INT. TRANSACTION WINDOW HEAD H1A2 / JAMB J1A2 / SILL S1A2
3" = 1'-0"



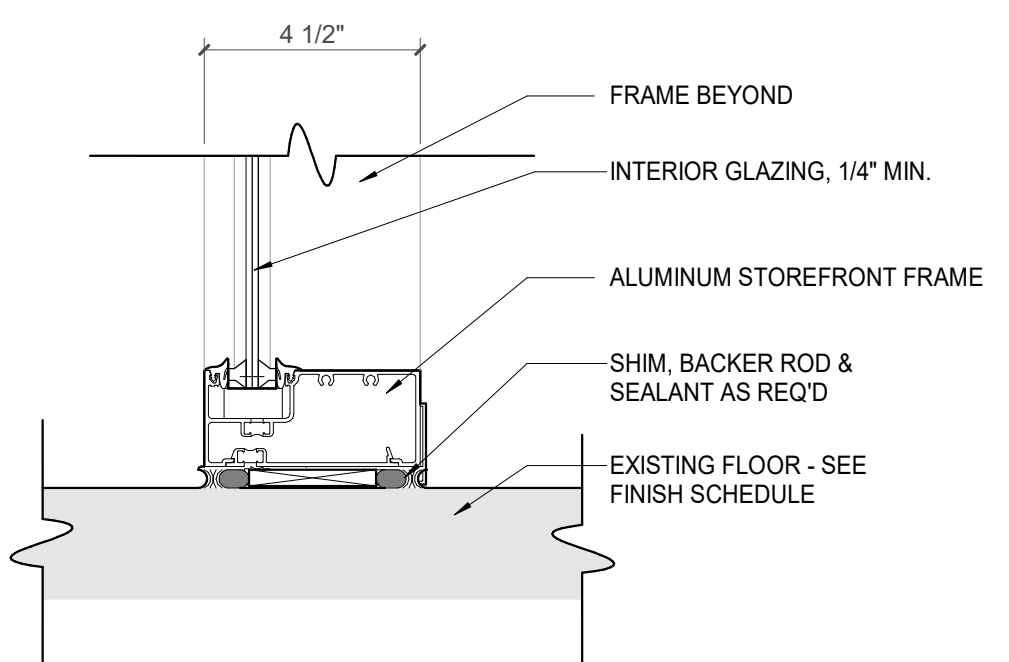
1 MAIN VESTIBULE STOREFRONT SOUTH - JAMB J3D3
3" = 1'-0"



3 EXT. WINDOW FRAME HEAD H3D6
3" = 1'-0"



7 INT. ALUM HEAD H3A1 / JAMB J3A1
3" = 1'-0"



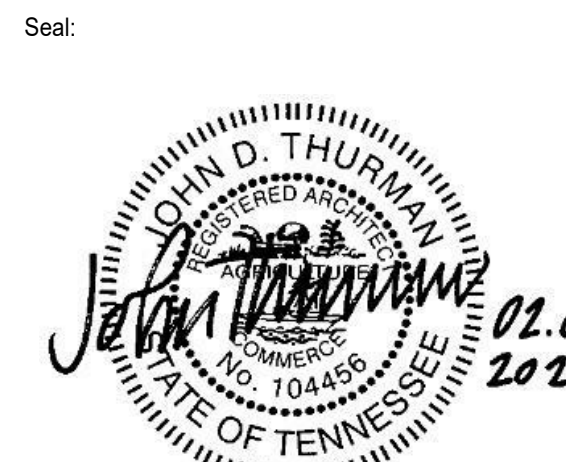
11 INT. ALUM FRAME SILL S3A1 DETAIL
3" = 1'-0"



Project Information:

19018

COK SAFETY BUILDING 900 East Oak Hill Ave, Knoxville, TN



Consultant: Architects Design Group

Table with columns: #, ISSUE, DATE. Row 1: 4, ADD #4.1, 03/03/21

Issue Date: FEBRUARY 1, 2021 PKC: DAVID COLLINS PM: JOHN THURMAN PA: LAUREN BUSH /

Drawn By: Author Checked By: BP

Drawing Info:

A720

POB - DOOR SCHEDULES

DOOR SCHEDULE MARK table containing columns for DOOR NO, ROOM NAME, LEAF QTY, W, HT, THK, TYPE, MATL, FINISH, GLZ, TYPE, MATL, FINISH, HEAD, JAMB, SILL, FIRE RATING, SET NO, REMARK S, WIRED. Includes entries for POB OFFICE LEVEL 7, POB OFFICE LEVEL 8, POB OFFICE LEVEL 9, POB OFFICE LEVEL 10, POB OFFICE LEVEL 11, POB OFFICE LEVEL 12, POB OFFICE LEVEL 13, POB OFFICE LEVEL 14, POB OFFICE LEVEL 15, POB OFFICE LEVEL 16, POB OFFICE LEVEL 17, POB OFFICE LEVEL 18, POB OFFICE LEVEL 19, POB OFFICE LEVEL 20, POB OFFICE LEVEL 21, POB OFFICE LEVEL 22, POB OFFICE LEVEL 23, POB OFFICE LEVEL 24, POB OFFICE LEVEL 25, POB OFFICE LEVEL 26, POB OFFICE LEVEL 27, POB OFFICE LEVEL 28, POB OFFICE LEVEL 29, POB OFFICE LEVEL 30, POB OFFICE LEVEL 31, POB OFFICE LEVEL 32, POB OFFICE LEVEL 33, POB OFFICE LEVEL 34, POB OFFICE LEVEL 35, POB OFFICE LEVEL 36, POB OFFICE LEVEL 37, POB OFFICE LEVEL 38, POB OFFICE LEVEL 39, POB OFFICE LEVEL 40, POB OFFICE LEVEL 41, POB OFFICE LEVEL 42, POB OFFICE LEVEL 43, POB OFFICE LEVEL 44, POB OFFICE LEVEL 45, POB OFFICE LEVEL 46, POB OFFICE LEVEL 47, POB OFFICE LEVEL 48, POB OFFICE LEVEL 49, POB OFFICE LEVEL 50, POB OFFICE LEVEL 51, POB OFFICE LEVEL 52, POB OFFICE LEVEL 53, POB OFFICE LEVEL 54, POB OFFICE LEVEL 55, POB OFFICE LEVEL 56, POB OFFICE LEVEL 57, POB OFFICE LEVEL 58, POB OFFICE LEVEL 59, POB OFFICE LEVEL 60, POB OFFICE LEVEL 61, POB OFFICE LEVEL 62, POB OFFICE LEVEL 63, POB OFFICE LEVEL 64, POB OFFICE LEVEL 65, POB OFFICE LEVEL 66, POB OFFICE LEVEL 67, POB OFFICE LEVEL 68, POB OFFICE LEVEL 69, POB OFFICE LEVEL 70, POB OFFICE LEVEL 71, POB OFFICE LEVEL 72, POB OFFICE LEVEL 73, POB OFFICE LEVEL 74, POB OFFICE LEVEL 75, POB OFFICE LEVEL 76, POB OFFICE LEVEL 77, POB OFFICE LEVEL 78, POB OFFICE LEVEL 79, POB OFFICE LEVEL 80, POB OFFICE LEVEL 81, POB OFFICE LEVEL 82, POB OFFICE LEVEL 83, POB OFFICE LEVEL 84, POB OFFICE LEVEL 85, POB OFFICE LEVEL 86, POB OFFICE LEVEL 87, POB OFFICE LEVEL 88, POB OFFICE LEVEL 89, POB OFFICE LEVEL 90, POB OFFICE LEVEL 91, POB OFFICE LEVEL 92, POB OFFICE LEVEL 93, POB OFFICE LEVEL 94, POB OFFICE LEVEL 95, POB OFFICE LEVEL 96, POB OFFICE LEVEL 97, POB OFFICE LEVEL 98, POB OFFICE LEVEL 99, POB OFFICE LEVEL 100.

DOOR SCHEDULE MARK table containing columns for DOOR NO, ROOM NAME, LEAF QTY, W, HT, THK, TYPE, MATL, FINISH, GLZ, TYPE, MATL, FINISH, HEAD, JAMB, SILL, FIRE RATING, SET NO, REMARK S, WIRED. Includes entries for POB PARKING LEVEL P0, POB PARKING LEVEL P1, POB PARKING LEVEL P2, POB PARKING LEVEL P3, POB PARKING LEVEL P4, POB PARKING LEVEL P5, POB PARKING LEVEL P6, POB PARKING LEVEL P7, POB PARKING LEVEL P8, POB PARKING LEVEL P9, POB PARKING LEVEL P10, POB PARKING LEVEL P11, POB PARKING LEVEL P12, POB PARKING LEVEL P13, POB PARKING LEVEL P14, POB PARKING LEVEL P15, POB PARKING LEVEL P16, POB PARKING LEVEL P17, POB PARKING LEVEL P18, POB PARKING LEVEL P19, POB PARKING LEVEL P20, POB PARKING LEVEL P21, POB PARKING LEVEL P22, POB PARKING LEVEL P23, POB PARKING LEVEL P24, POB PARKING LEVEL P25, POB PARKING LEVEL P26, POB PARKING LEVEL P27, POB PARKING LEVEL P28, POB PARKING LEVEL P29, POB PARKING LEVEL P30, POB PARKING LEVEL P31, POB PARKING LEVEL P32, POB PARKING LEVEL P33, POB PARKING LEVEL P34, POB PARKING LEVEL P35, POB PARKING LEVEL P36, POB PARKING LEVEL P37, POB PARKING LEVEL P38, POB PARKING LEVEL P39, POB PARKING LEVEL P40, POB PARKING LEVEL P41, POB PARKING LEVEL P42, POB PARKING LEVEL P43, POB PARKING LEVEL P44, POB PARKING LEVEL P45, POB PARKING LEVEL P46, POB PARKING LEVEL P47, POB PARKING LEVEL P48, POB PARKING LEVEL P49, POB PARKING LEVEL P50, POB PARKING LEVEL P51, POB PARKING LEVEL P52, POB PARKING LEVEL P53, POB PARKING LEVEL P54, POB PARKING LEVEL P55, POB PARKING LEVEL P56, POB PARKING LEVEL P57, POB PARKING LEVEL P58, POB PARKING LEVEL P59, POB PARKING LEVEL P60, POB PARKING LEVEL P61, POB PARKING LEVEL P62, POB PARKING LEVEL P63, POB PARKING LEVEL P64, POB PARKING LEVEL P65, POB PARKING LEVEL P66, POB PARKING LEVEL P67, POB PARKING LEVEL P68, POB PARKING LEVEL P69, POB PARKING LEVEL P70, POB PARKING LEVEL P71, POB PARKING LEVEL P72, POB PARKING LEVEL P73, POB PARKING LEVEL P74, POB PARKING LEVEL P75, POB PARKING LEVEL P76, POB PARKING LEVEL P77, POB PARKING LEVEL P78, POB PARKING LEVEL P79, POB PARKING LEVEL P80, POB PARKING LEVEL P81, POB PARKING LEVEL P82, POB PARKING LEVEL P83, POB PARKING LEVEL P84, POB PARKING LEVEL P85, POB PARKING LEVEL P86, POB PARKING LEVEL P87, POB PARKING LEVEL P88, POB PARKING LEVEL P89, POB PARKING LEVEL P90, POB PARKING LEVEL P91, POB PARKING LEVEL P92, POB PARKING LEVEL P93, POB PARKING LEVEL P94, POB PARKING LEVEL P95, POB PARKING LEVEL P96, POB PARKING LEVEL P97, POB PARKING LEVEL P98, POB PARKING LEVEL P99, POB PARKING LEVEL P100.



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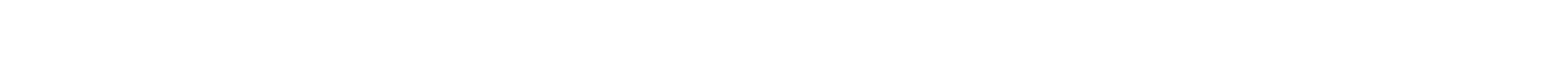
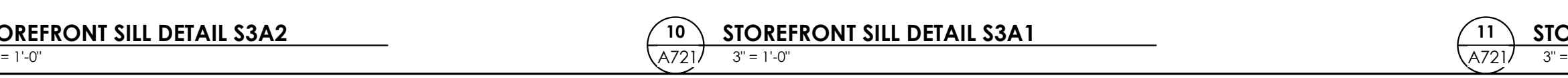
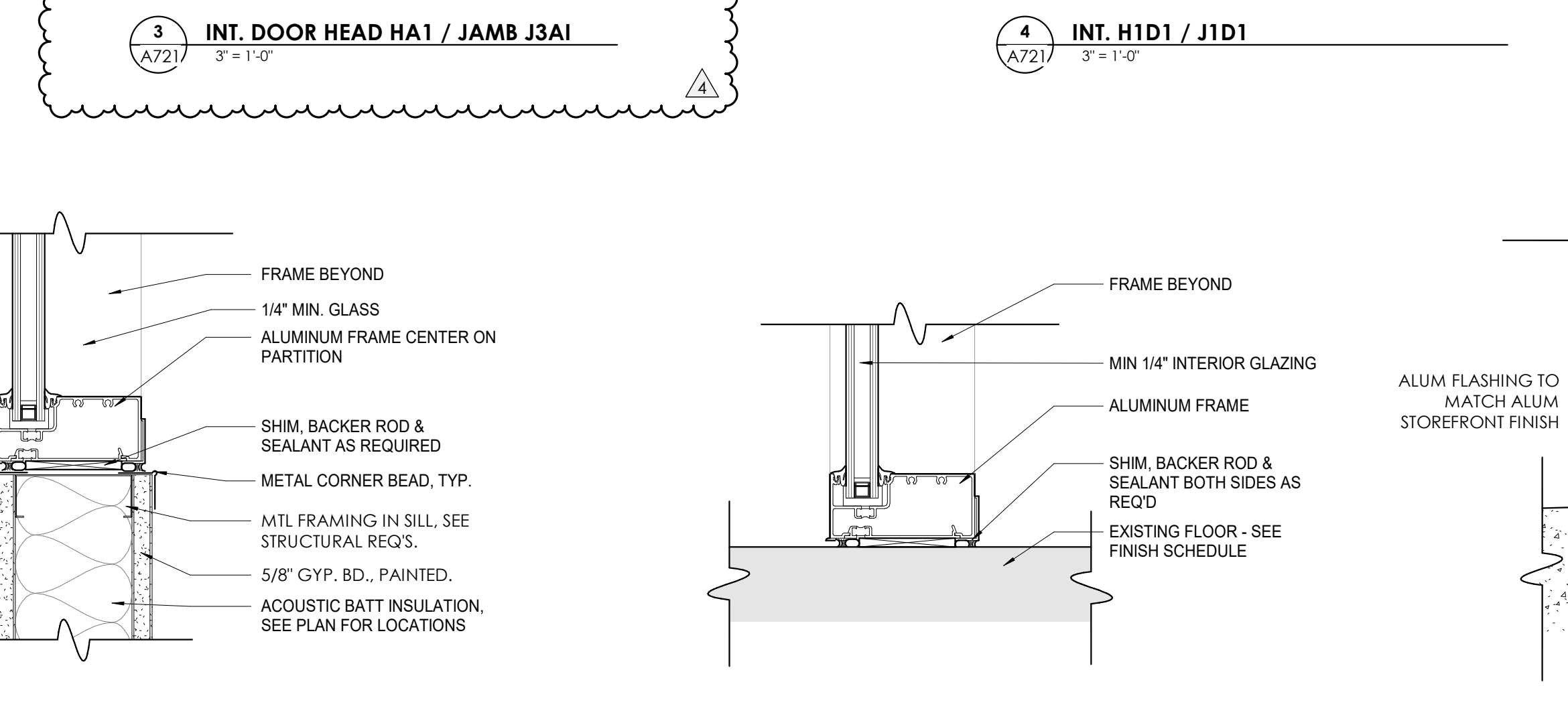
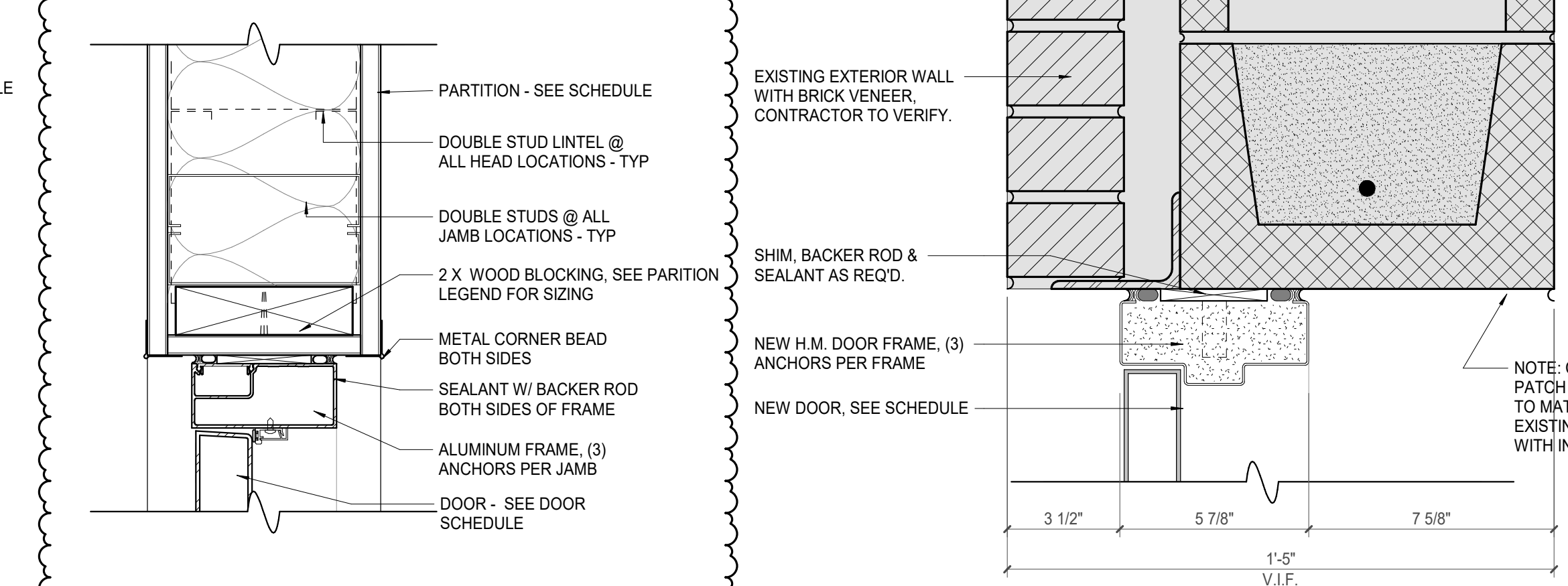
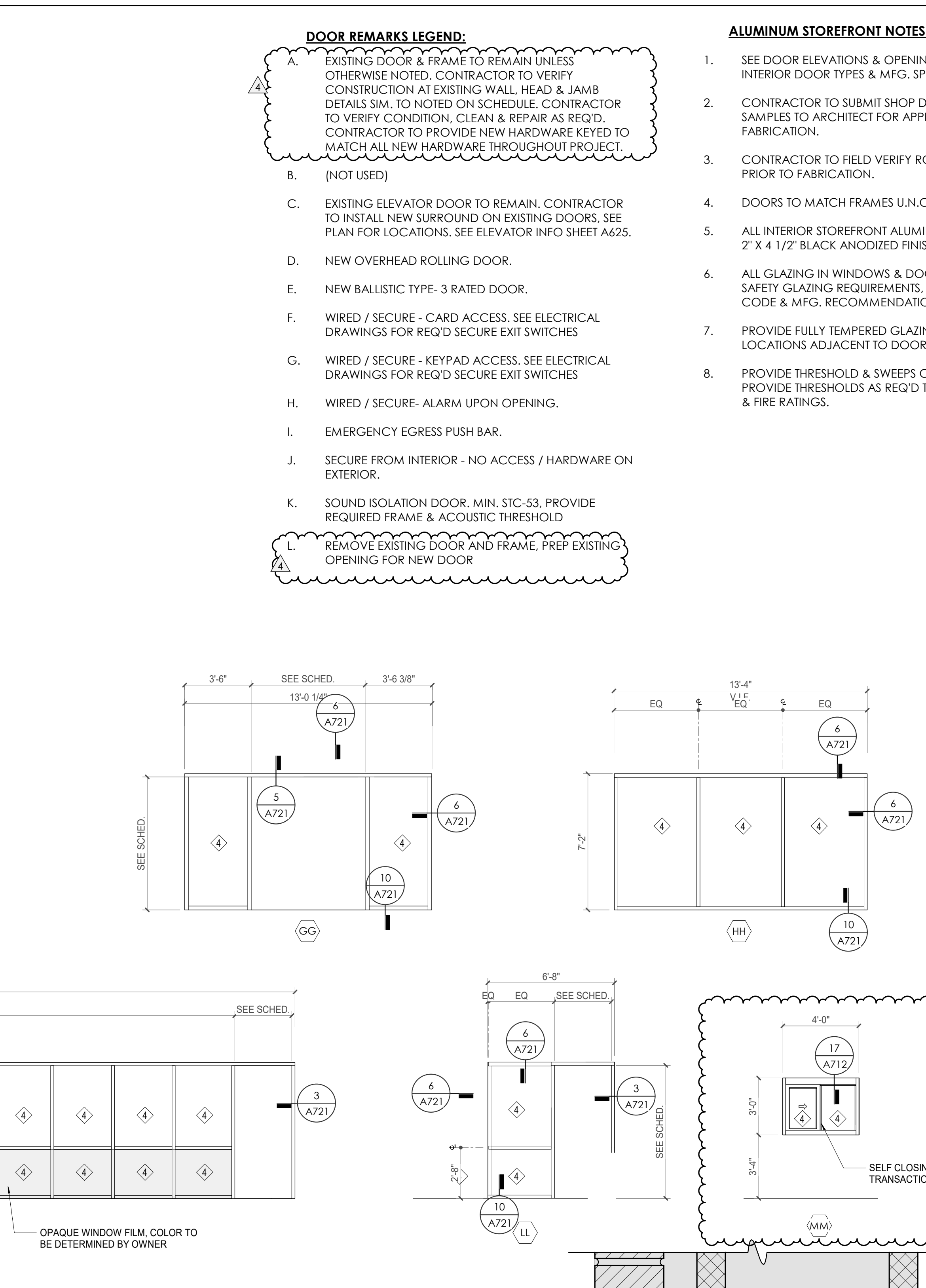
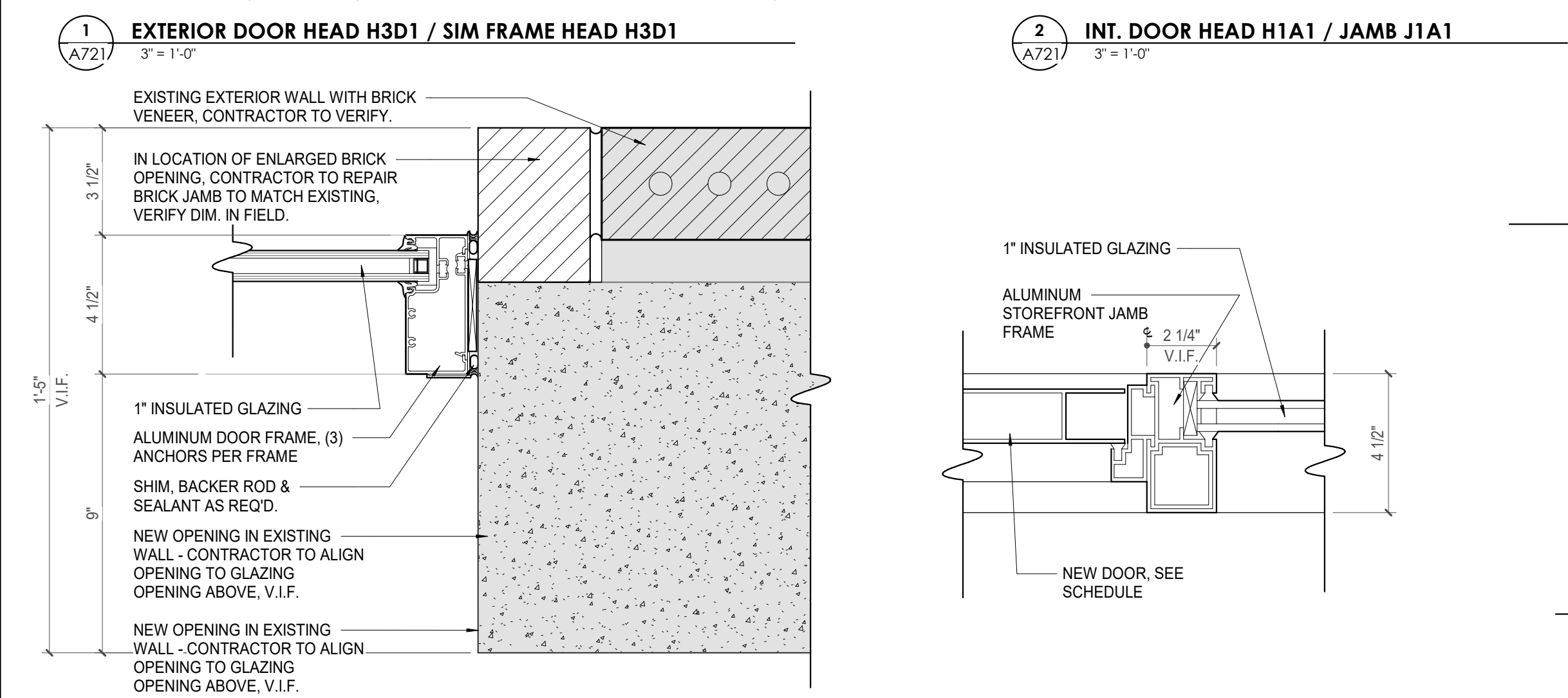
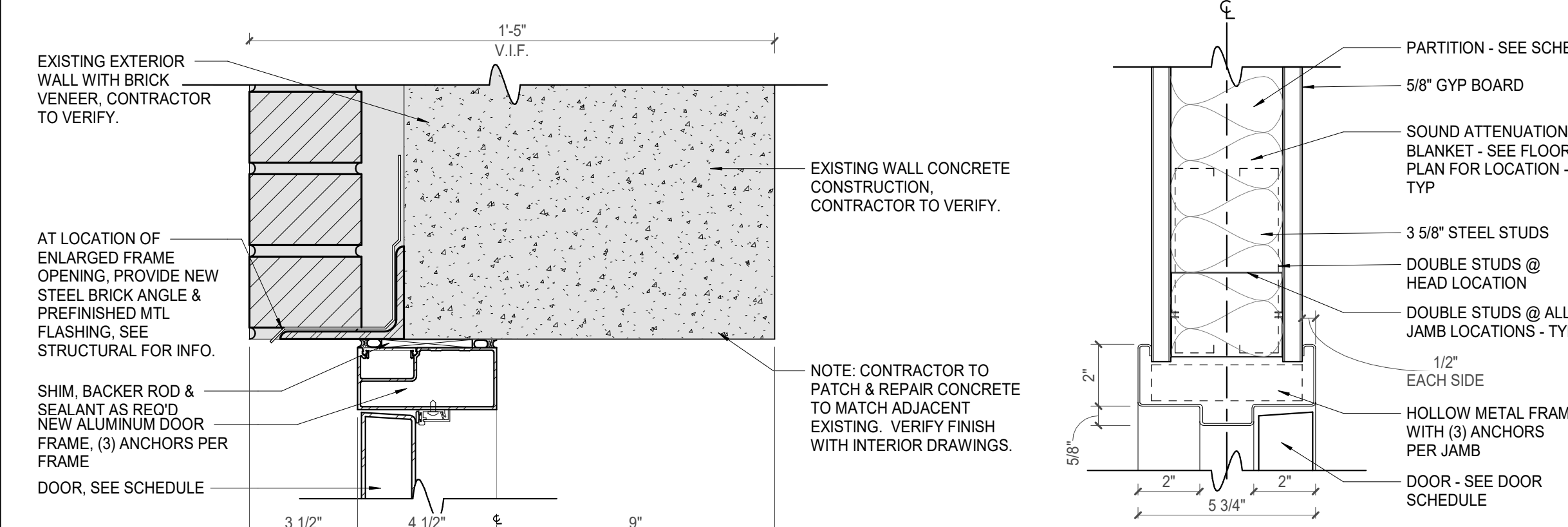
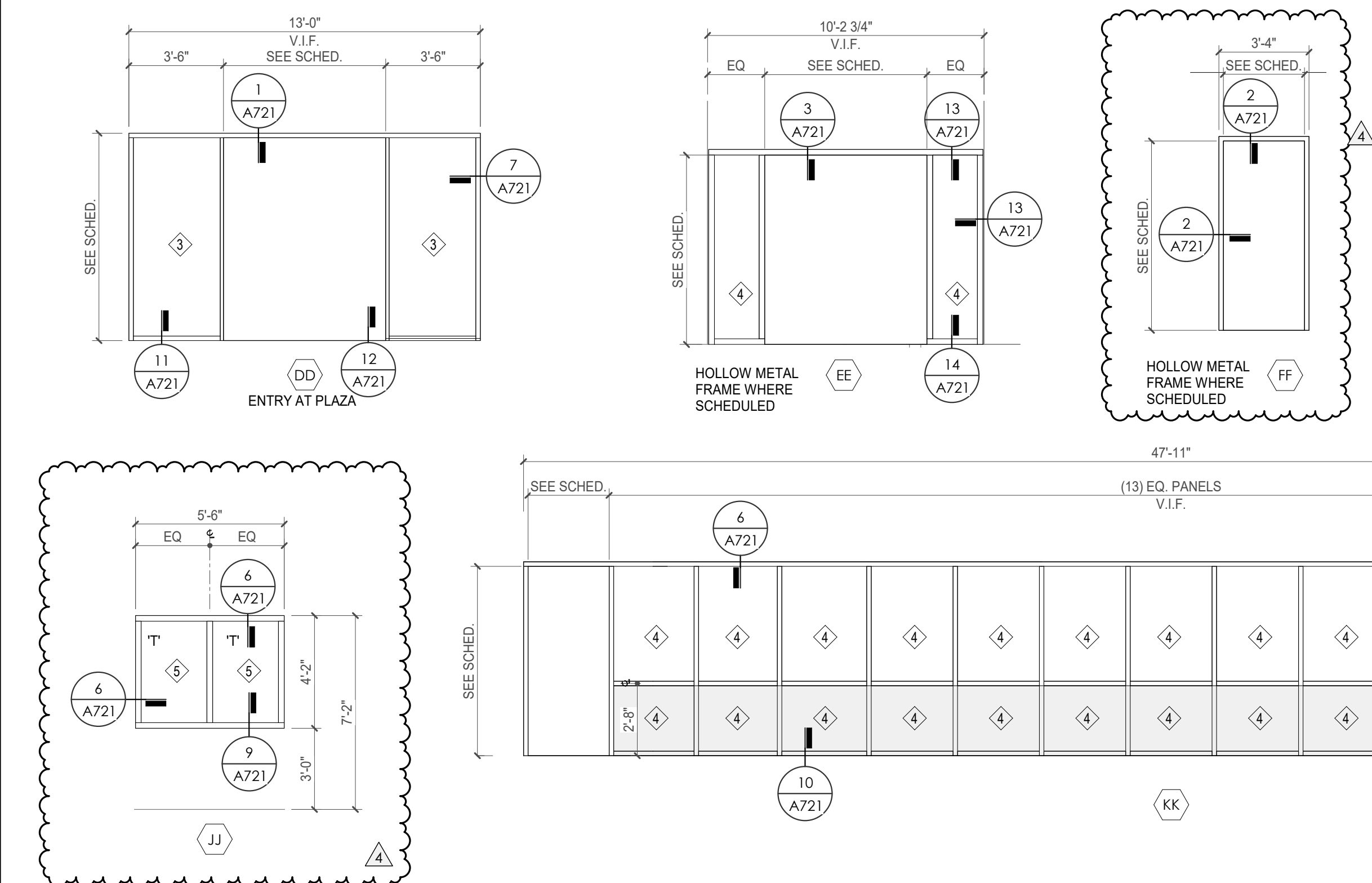
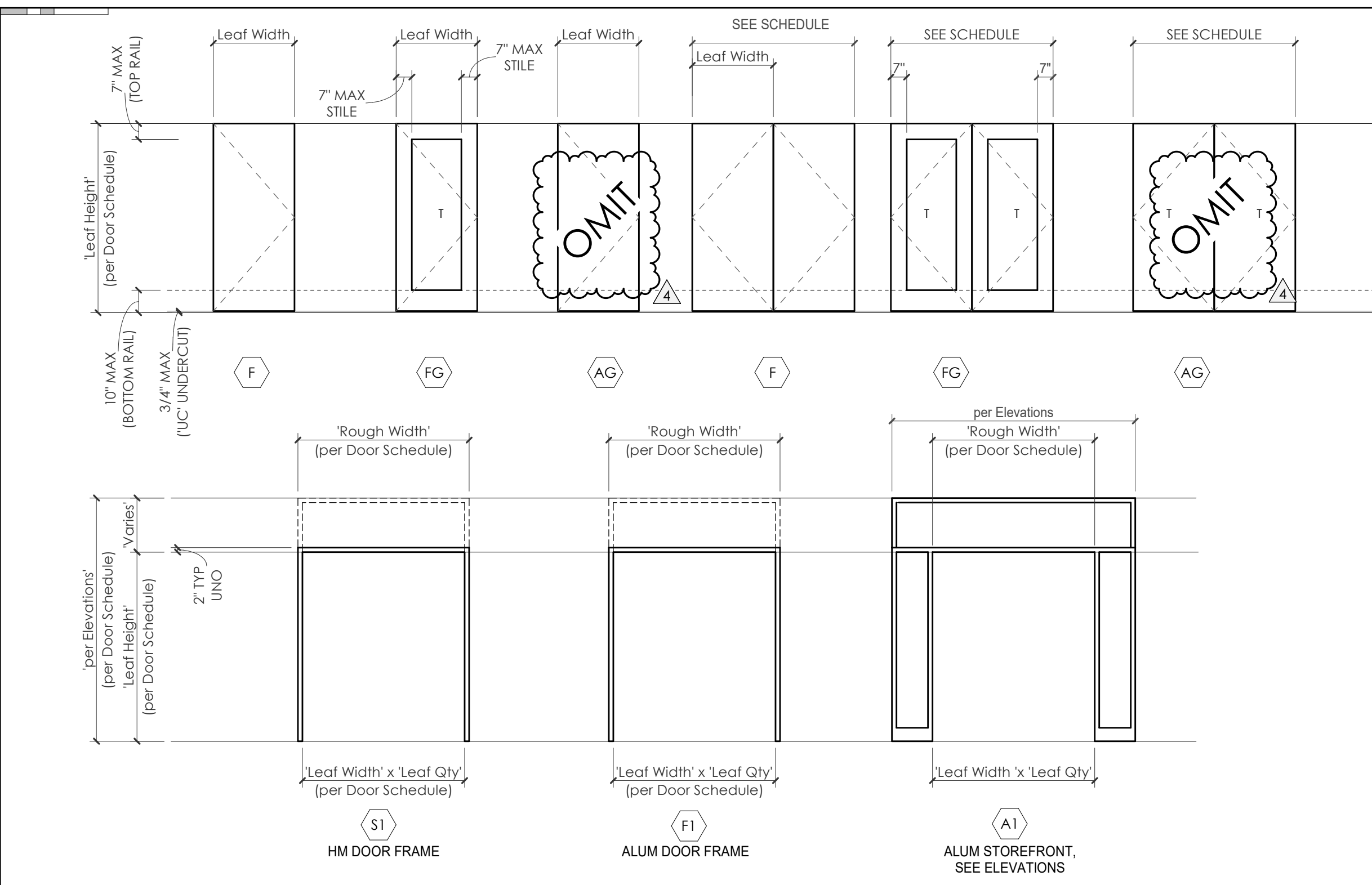
#	ISSUE	DATE
2	ADD #02.1	02/17/21
4	ADD #04.1	03/03/21

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PK: DAVID COLLINS
PM: JOHN THURMAN
PA: LAUREN BUSH /
Drawn By: Author
Checked By: BP

Drawing Info:

A721

POB FRAME TYPES & DETAILS



DOOR REMARKS LEGEND:

- A. EXISTING DOOR & FRAME TO REMAIN UNLESS OTHERWISE NOTED. CONTRACTOR TO VERIFY CONSTRUCTION AT EXISTING WALL, HEAD & JAMB DETAILS SIM. TO NOTED ON SCHEDULE. CONTRACTOR TO VERIFY CONDITION. CLEAN & REPAIR AS REQ'D. CONTRACTOR TO PROVIDE NEW HARDWARE KEYPED TO MATCH ALL NEW HARDWARE THROUGHOUT PROJECT.
- B. (NOT USED)
- C. EXISTING ELEVATOR DOOR TO REMAIN. CONTRACTOR TO INSTALL NEW SURROUND ON EXISTING DOORS. SEE PLAN FOR LOCATIONS. SEE ELEVATOR INFO SHEET A625.
- D. NEW OVERHEAD ROLLING DOOR.
- E. NEW BALLISTIC TYPE-3 RATED DOOR.
- F. WIRED / SECURE - CARD ACCESS. SEE ELECTRICAL DRAWINGS FOR REQ'D SECURE EXIT SWITCHES
- G. WIRED / SECURE - KEYPAD ACCESS. SEE ELECTRICAL DRAWINGS FOR REQ'D SECURE EXIT SWITCHES
- H. WIRED / SECURE-ALARM UPON OPENING.
- I. EMERGENCY EGRESS PUSH BAR.
- J. SECURE FROM INTERIOR - NO ACCESS / HARDWARE ON EXTERIOR.
- K. SOUND ISOLATION DOOR. MIN. STC-53. PROVIDE REQUIRED FRAME & ACOUSTIC THRESHOLD
- L. REMOVE EXISTING DOOR AND FRAME. PREP EXISTING OPENING FOR NEW DOOR

ALUMINUM STOREFRONT NOTES:

1. SEE DOOR ELEVATIONS & OPENING SCHEDULE FOR INTERIOR DOOR TYPES & MFG. SPECS.
2. CONTRACTOR TO SUBMIT SHOP DRAWINGS & MATERIAL SAMPLES TO ARCHITECT FOR APPROVAL PRIOR TO FABRICATION.
3. CONTRACTOR TO FIELD VERIFY ROUGH OPENINGS SIZINGS PRIOR TO FABRICATION.
4. DOORS TO MATCH FRAMES U.N.O.
5. ALL INTERIOR STOREFRONT ALUMINUM FRAMES TO BE 2" X 4 1/2" BLACK ANODIZED FINISHED. U.N.O.
6. ALL GLAZING IN WINDOWS & DOORS TO COMPLY WITH SAFETY GLAZING REQUIREMENTS, AS REQUIRED BY BUILDING CODE & MFG. RECOMMENDATIONS.
7. PROVIDE FULLY TEMPERED GLAZING UNITS AT ALL WINDOW LOCATIONS ADJACENT TO DOORS.
8. PROVIDE THRESHOLD & SWEEPS ON ALL EXTERIOR DOORS. PROVIDE THRESHOLDS AS REQ'D TO MEET SOUND, BALLISTIC, & FIRE RATINGS.

EXTERIOR GLAZING TYPES:

- 1 1" CLEAR INSULATED GLAZING, TEMPERED
- 2 1" CLEAR INSULATED GLAZING
- 3 1 1/4" CLEAR INSULATED GLAZING, BALLISTIC RATED TYPE 3
- 7 1" INSULATED SPANDREL PANEL, COLOR TO MATCH FRAME FINISH

INTERIOR GLAZING TYPES:

- 4 1/4" MIN. CLEAR SINGLE PANE, TEMPERED
- 5 1/4" MIN. CLEAR SINGLE PANE
- 6 1 1/4" (MIN) CLEAR, TYPE 3 BALLISTIC RATED GLAZING

DOOR & WINDOW DETAIL DESIGNATIONS

DETAIL TYPE:
H - HEAD DETAIL
J - JAMB DETAIL
S - SILL DETAIL

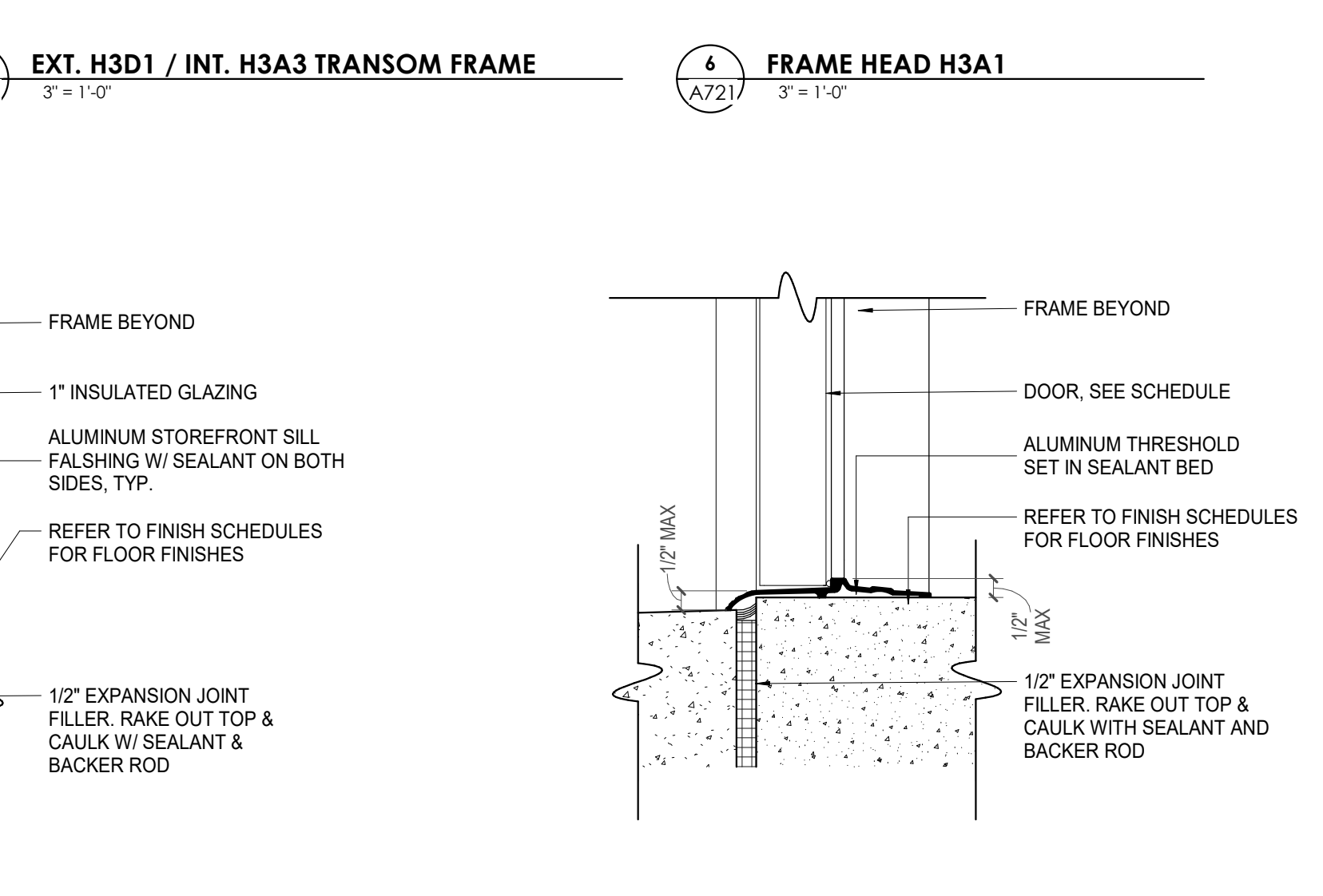
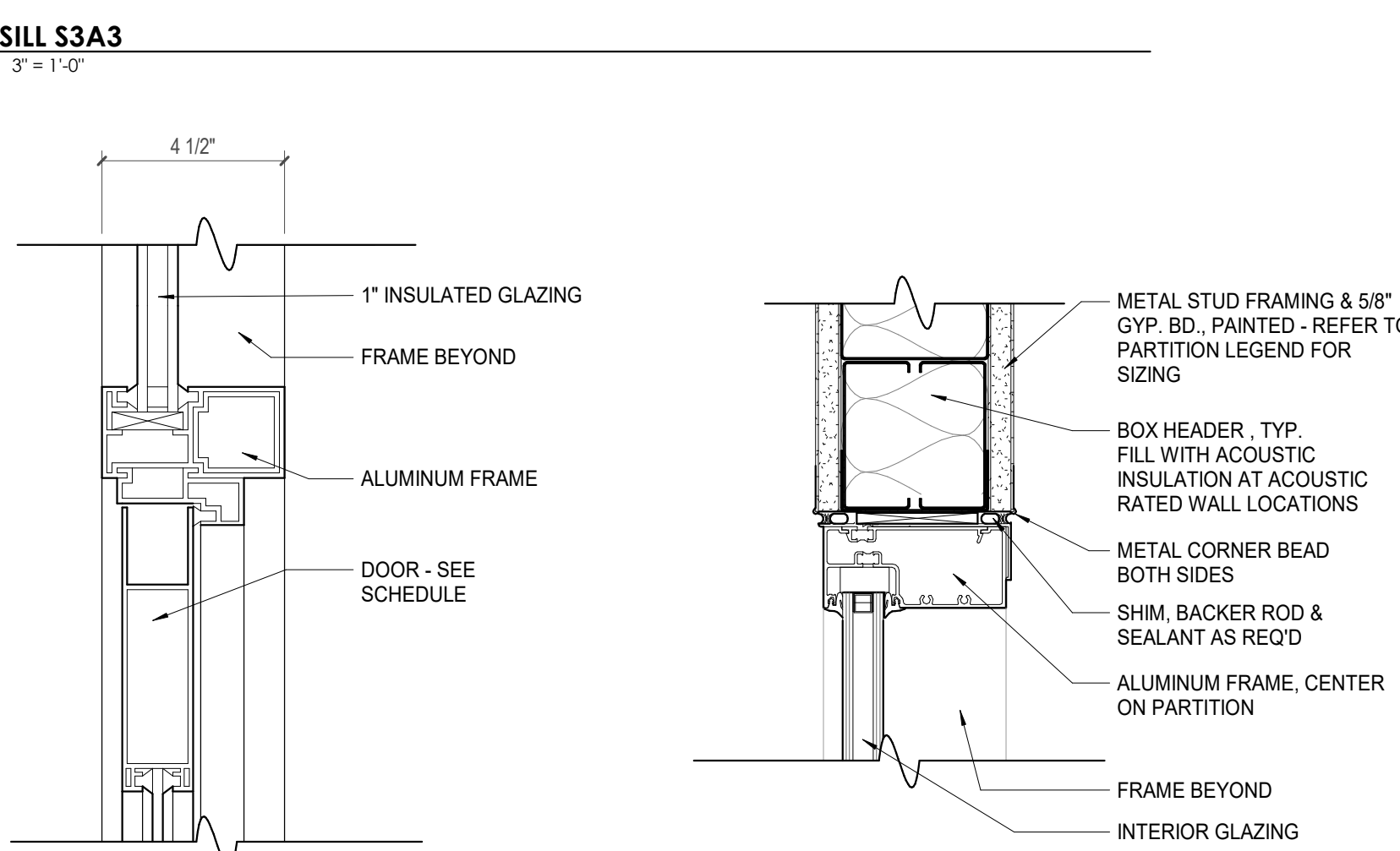
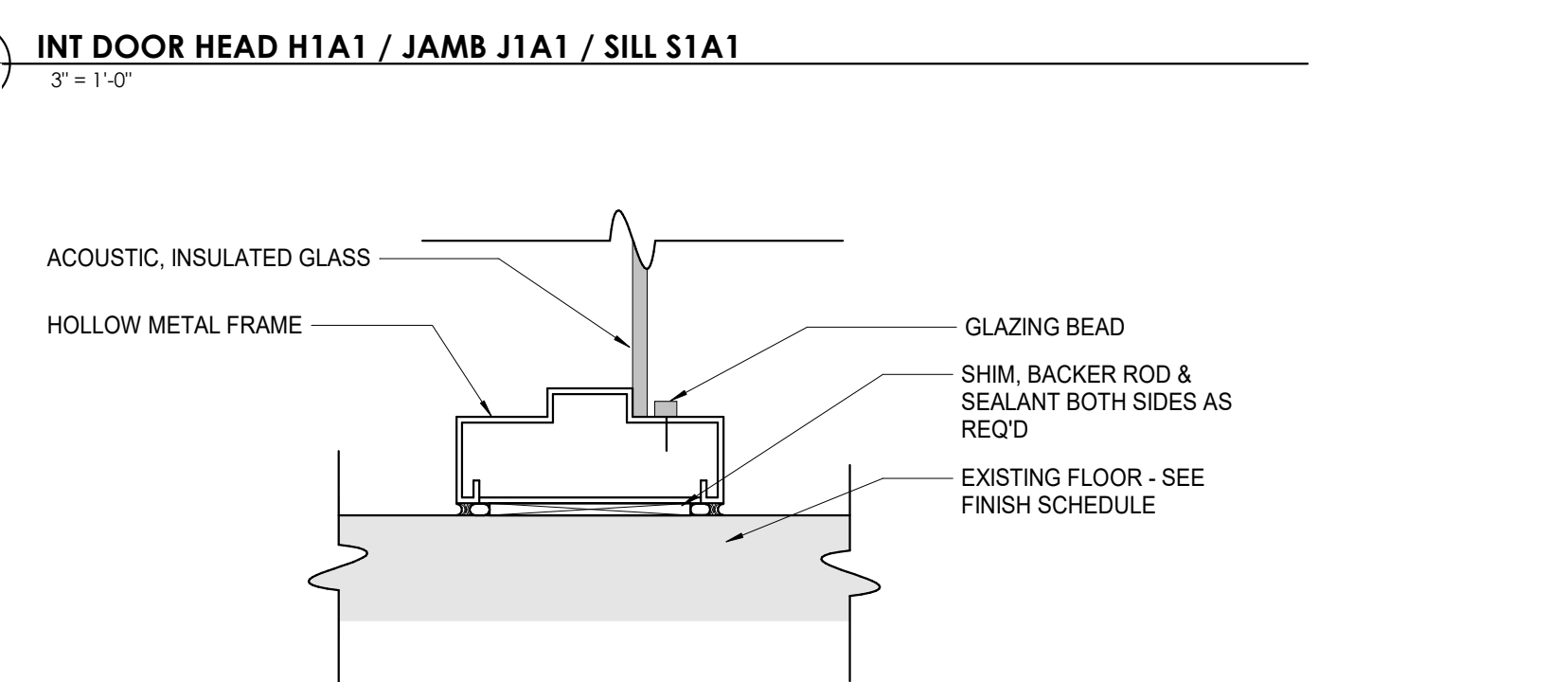
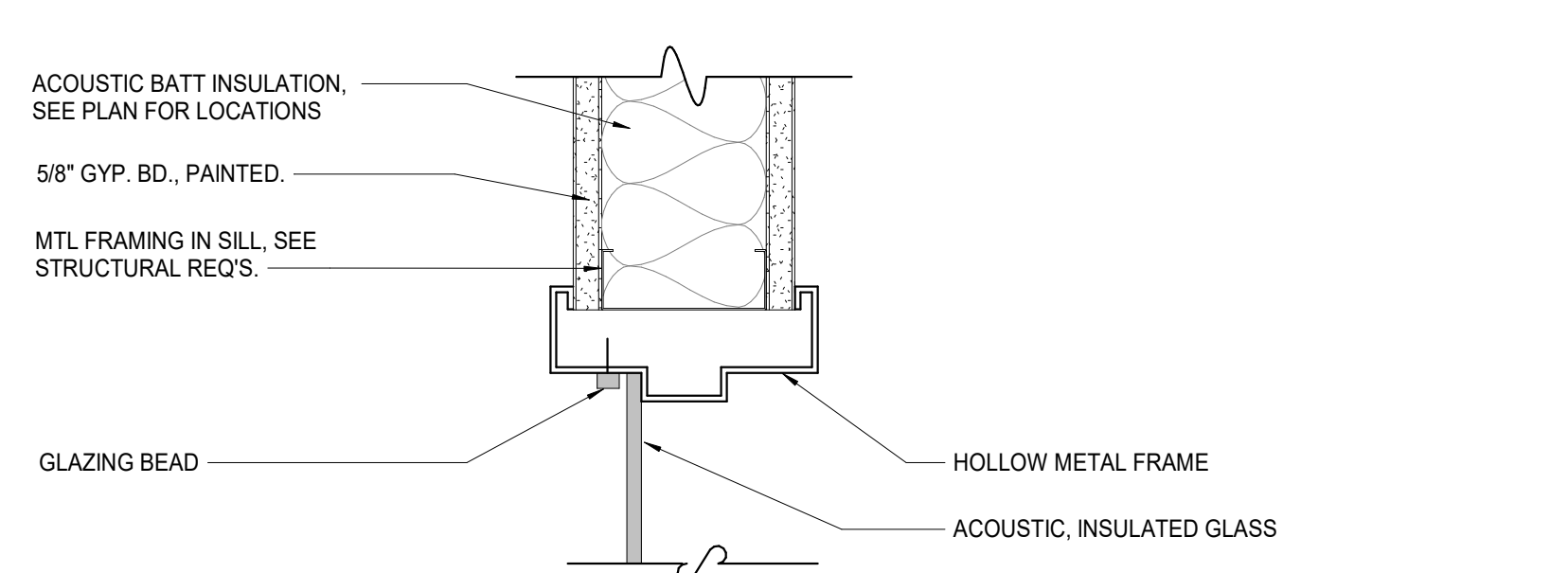
FRAME TYPE:
1 - HOLLOW METAL
2 - OVERHEAD COILING
3 - ALUMINUM

THRESHOLD DETAIL:
E - EXTERIOR
I - INTERIOR

Finish	Frame Type	Frame Material
PTD - Painted	S1	HM - Hollow Metal
BL/AN - Black Anodized	F1	AL - Aluminum
	A1	
	EX - EXISTING	

GLAZING KEY

- CLEAR GLAZING
- SPANDREL GLAZING
- OPAQUE PRIVACY FILM





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Checked By:	B. PIERCY
Drawing Info:	

A801.1

WP - ENLARGED PLANS AND ELEVATIONS - LOBBY

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REFLECTED CEILING PLAN LEGEND

- 24" x 24" ACOUSTICAL CEILING TILE GRID
- 44" x 48" ACOUSTICAL CEILING TILE GRID
- GYPSUM BOARD CEILING
- WOOD PANEL CEILING
- EIFS SOFFIT
- CEILING TYPE INDICATOR
- CEILING HEIGHT AFF
- CEILING TYPE INDICATOR
- CEILING TYPES:
GYP: GYPSUM BOARD CEILING
ACT: ACOUSTICAL TILE CEILING
MTL: METAL PANEL SOFFIT
EXP: EXPOSED TO STRUCTURE
- 4" DIA. RECESSED CAN LIGHT
- AIMABLE DOWNLIGHT
- 4" RECESSED WALL WASH DOWNLIGHT
- RAZOR WALL WASH DOWNLIGHT
- 2 x 2 TROFFER
- LED STRIP
- SURFACE MOUNT STRIP LIGHT
- continuous LINEAR LED DOWNLIGHT
- DIRECT-INDIRECT LINEAR PENDANT
- EXIT SIGN, SHADED QUADRANTS INDICATE NUMBER OF FACES. PROVIDE DIRECTIONAL ARROWS AS SHOWN.
- EMERGENCY LIGHT
- ED - WET LOCATION EXIT DISCHARGE LIGHT
- CEILING MOUNTED SPEAKER
- SPRINKLER HEAD, CENTER IN CEILING TILE (UNO)
- HVAC CEILING SUPPLY
- HVAC CEILING RETURN
- HVAC LINEAR SUPPLY
- HVAC LINEAR RETURN
- ACCESS PANEL

**SUSPENDED CEILING AND GRID TO MEET SEISMIC DESIGN REQUIREMENTS AND ASTM C635 AND ASTM C636 - REFER TO SPECIFICATIONS

KEYNOTE - RCP

Tag	Text
1	6" PREFINISHED ALUMINUM TRIM AT PERIMETER
2	6" INTEGRATED ALUMINUM TECHZONE CHANNEL - LIGHTING AND MECHANICAL SUPPLY/RETURN
3	OPERABLE WALL PARTITION
4	ROLLER WINDOW SHADES AT ALL EXTERIOR WORKSPACE WINDOWS - TYP
5	GYP. BD. SOFFIT AT PERIMETER
6	6" PREFORMED ALUMINUM COVE REVEAL
7	1" PREFORMED ALUMINUM REVEAL
8	EXISTING LIGHT FIXTURES IN GARAGES TO REMAIN
9	LOCATION OF CLERESTORY WINDOWS ABOVE 9'-0" GYP. BD. SOFFIT.
10	EXISTING LIGHT FIXTURES TO BE REINSTALLED IN NEW CEILING TILE AND GRID - VERIFY EXISTING FIXTURE LOCATION IN FIELD
11	LOCKERS BELOW (DASHED)
12	NEW 3.5" METAL STUD & 5" WATER RESISTANT GYP. BD. CEILING, WITH 1" MIN. RIGID INSULATION & WATERPROOF MEMBRANE IN PLENUM. CONTRACTOR TO VERIFY WATER TIGHT CONDITION UNDER PLUMBING. PROVIDE NEW GYP. BD. SOFFIT ON EXISTING METAL STUD SOFFIT FRAMING TO REMAIN - VERIFY IN FIELD
13	BLACK OUT ROLLER WINDOW SHADES AT ALL EXTERIOR CLASSROOM WINDOWS - TYP
14	PATCH AND REPLACE EXISTING EIFS SOFFIT AS REQUIRED TO COMPLETE THE WORK
15	NEW MANUAL OVERHEAD COILING DOOR & FRAME, 45 MIN RATED.
16	REMOVE EXISTING EIFS SOFFIT AND PROVIDE NEW SUSPENDED EIFS SOFFIT WITH R-30 BATT INSULATION IN OVERHANG CAVITY
17	

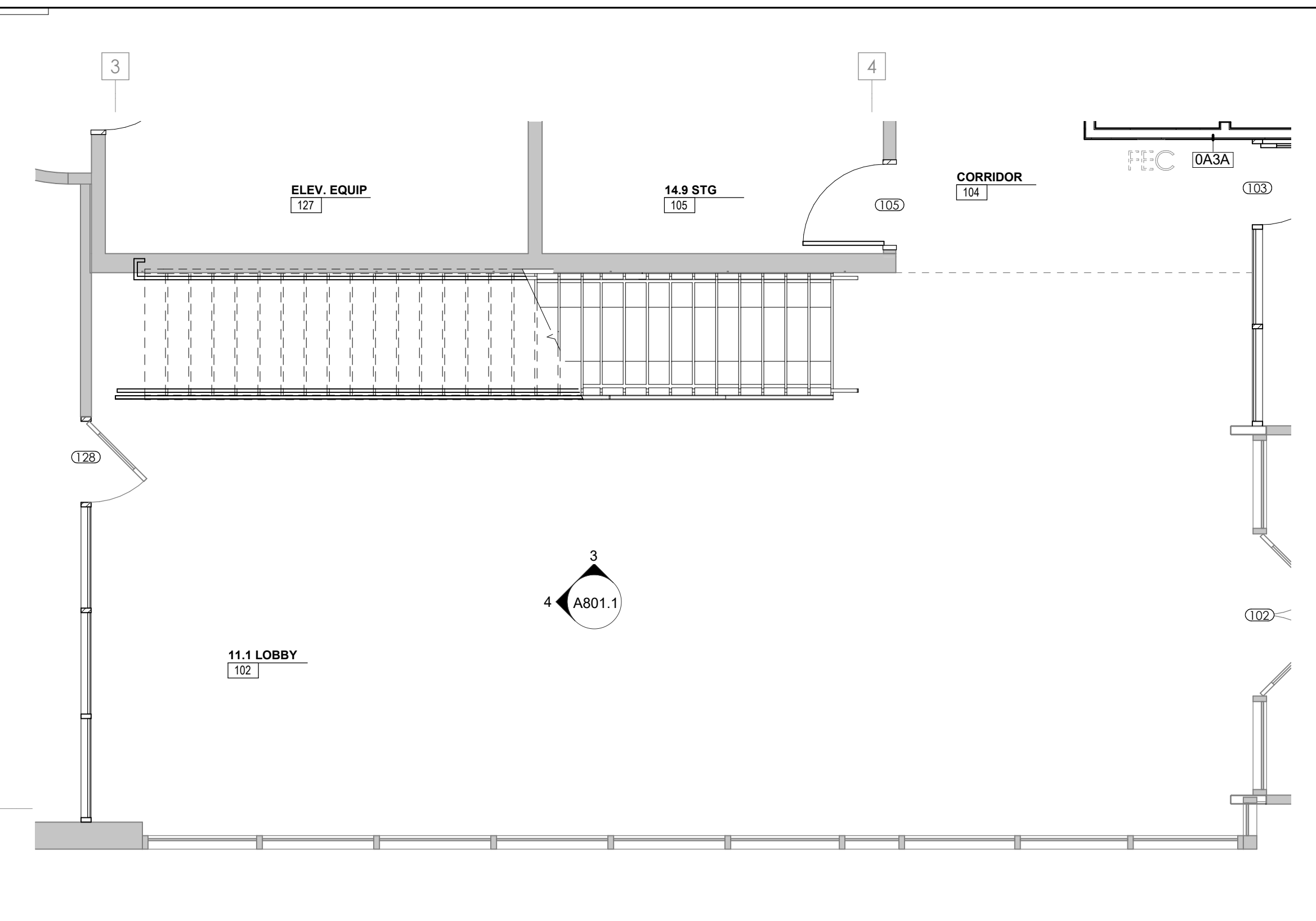
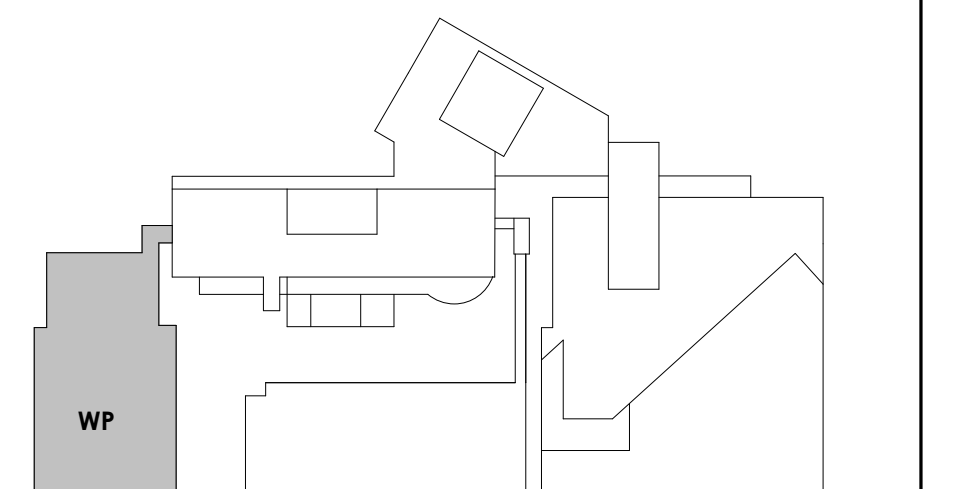
WALL LEGEND

- 2 HR PARTITION (ASSEMBLY VARIES)
- 1 HR PARTITION (ASSEMBLY VARIES)
- BALLISTIC LEVEL 3 PARTITION (ASSEMBLY VARIES)
- NEW PARTITION (ASSEMBLY VARIES)
- EXISTING PARTITION
- EXISTING PARTITION TO BE DEMOLISHED

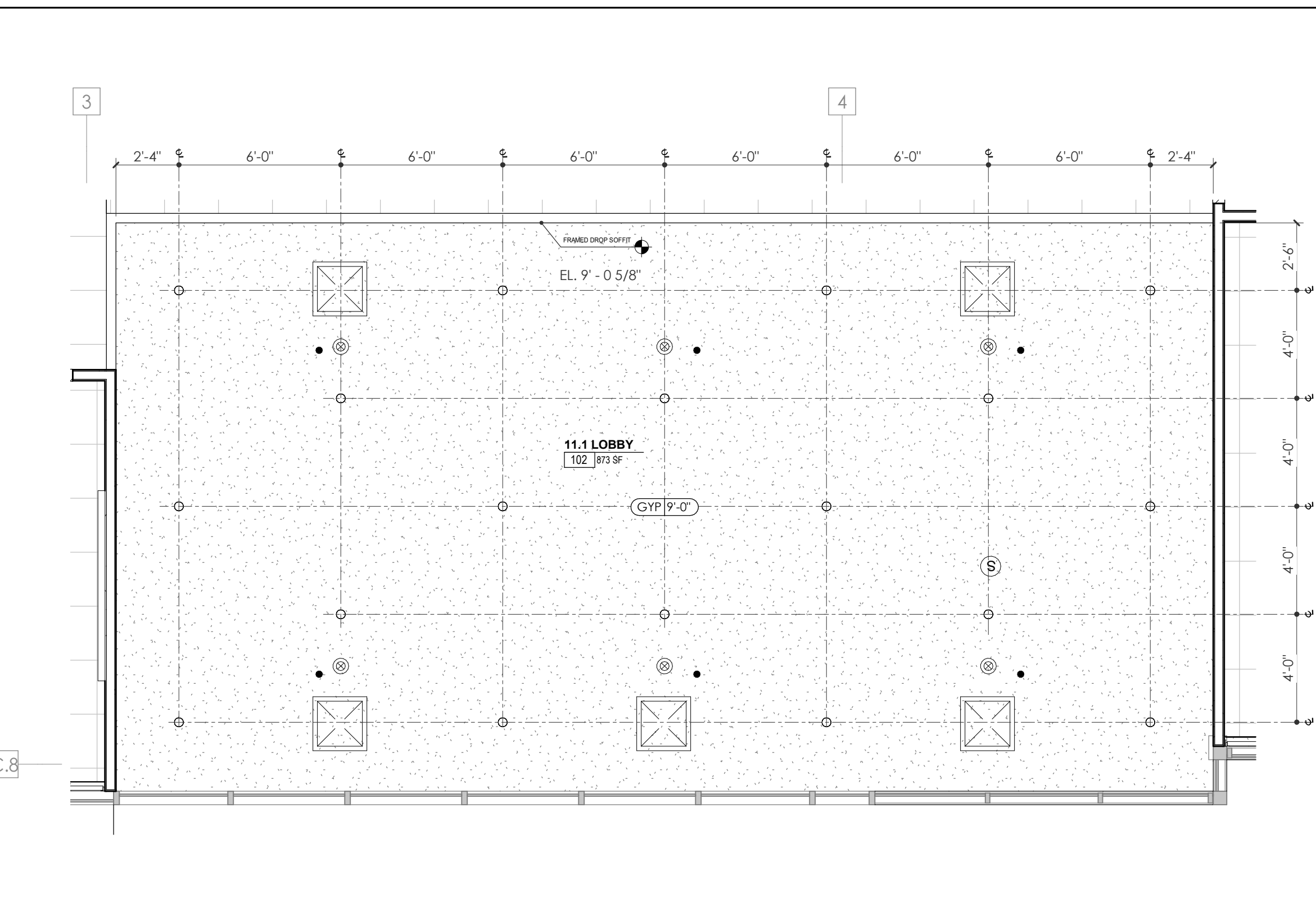
KEYNOTES - FLOOR PLANS

Tag	Text
1	SOFFIT ABOVE (DASHED)
2	EXISTING EGRESS STAIR TO REMAIN - PREP & PAINT EXISTING HANDRAILS, STAIR, & WALLS TO REMAIN
3	EXISTING ELEVATOR TO BE MODIFIED/REPLACED AS REQUIRED TO REACH ALL FOUR (4) FLOORS. SEE ELEVATOR PLANS & DETAILS SHEET FOR INFO.
4	EXISTING ELEVATOR TO BE REFURBISHED AS REQUIRED - SEE ELEVATOR PLANS & DETAILS FOR INFO.
5	NEW FLOOR DRAIN - REFER TO PLUMBING
6	SHADED AREA DENOTES NEW CONCRETE SLAB - REFER TO STRUC.
7	BALLISTIC LEVEL 3 RATING AND GLAZING - 8'-0" AFF MINIMUM
8	MOBILE VEHICLE LIFT
9	OVERHEAD COILING DOOR
10	OWNER PROVIDED WOOD PEW SEATING - N.I.C.
11	OWNER PROVIDED 38" DEEP OPEN SHELVING - N.I.C.
12	18" X 24" X 72" HEAVY DUTY LOCKER WITH DRAWER BENCH (TYPE 1)
13	18" X 24" X 72" HEAVY DUTY THREE TIER LOCKERS (TYPE 2)
14	NEW PASS THRU LOCKERS - TYPE 3
15	RECESSED SIDE ARMS LOCKERS (ONE FOUR DOOR UNIT AT EACH DOOR)
16	PUBLIC WEAPONS STG LOCKERS - TABLE PHONE WALL LOCKERS WITH 12 DOORS (TYPE 5)
17	CANOPY ABOVE (DASHED)
18	OWNER PROVIDED SYSTEMS FURNITURE - N.I.C.
19	OWNER PROVIDED CORNER - N.I.C.
20	PROVIDE REQ. BLOCKING FOR LOCATIONS WHERE WALL MOUNTED TV MONITORS ARE LOCATED. REFER TO EQUIPMENT PLANS FOR LOCATIONS
21	PROVIDE REQUIRED BLOCKING FOR ALL MARKER BOARD LOCATIONS
22	KNOX BOX (RECESSED)
23	RECESSED CELL PHONE LOCKERS TO MATCH METAL WALL PANEL
24	METAL DETECTOR ENTRY SECURITY
25	MOP SINK - SEE PLUMBING
26	18" DEEP BOOKSHELVES
27	12" DEEP COUNTER ON L2X2X1/4" HEAVY DUTY WELDED ANGLE SUPPORT BRACKETS
28	24" DEEP COUNTER ON L2X2X1/4" HEAVY DUTY WELDED ANGLE SUPPORT BRACKETS
29	30" DEEP COUNTER ON L2X2X1/4" HEAVY DUTY WELDED ANGLE SUPPORT BRACKETS
30	18" DEEP COUNTER ON L2X2X1/4" HEAVY DUTY WELDED ANGLE SUPPORT BRACKETS
31	PROVIDE NEW HANDRAILS, GUARDRAILS AND EGRESS STAIR ILLUMINATION. PREP AND PAINT EXISTING STAIR & WALLS TO REMAIN
32	OPERABLE FOLDING PARTITION
33	NEW DROP BOX
34	HIGH LOW WATER COOLER
35	OWNER PROVIDED HIGH DENSITY MOBILE STORAGE SYSTEM AND OVERSLAB RAILS
36	6" DEEP COUNTER
37	ABANDON EXISTING ELEVATOR
38	EXISTING FULL HEIGHT SPANDREL PANEL
39	TWO-WAY COMMUNICATOR (BLACK FINISH), PROVIDE CUTSHEET AND VERIFY COLOR SELECTION WITH MFR PRIOR TO PURCHASE - BASIS OF DESIGN AUTTUS BY C.R. LAURENCE
40	OWNER PROVIDED REFRIGERATOR, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
41	OWNER PROVIDED REFRIGERATION UNDERCOUNTER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
42	OWNER PROVIDED BUNN COFFEE MAKER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
43	OWNER PROVIDED MICROWAVE UNDERCOUNTER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
44	OWNER PROVIDED UNDERCOUNTER DISHWASHER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
45	OWNER PROVIDED COOKTOP AND HOOD, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
46	OWNER PROVIDED ICE MAKER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
47	NEW WATER HEATER - SEE PLUMBING
48	WALL MOUNTED MOP & BROOM HOLDER
49	APPLY TRANSPARENT FILM TO INSIDE FACE OF GLAZING
50	IMPACT RESISTANT STEEL BOLLARD - GENERAL LOCATION SHOWN. COORDINATE LOCATION IN FIELD. REFER TO DETAIL 13AKS030.
51	NEW CONCRETE AREA - SEE SITE DETAILS AND STRUCTURAL DRAWINGS FOR INFO.
52	NEW SHOOTING RANGE. SEE SHOOTING RANGE PLANS A108 FOR INFO.
53	PROVIDE WHEEL STOPS AT ACCESSIBLE PARKING LOCATIONS
54	NEW FOLDING ARM. SEE ELECTRICAL PLAN FOR ADDITIONAL INFORMATION
55	NEW BADGE IN ACCESS READER. SEE SHEET AS120 AND ELECTRICAL FOR ADDITIONAL INFORMATION
56	RESTRIKE PARKING TO ACCOMMODATE FOR ACCESSIBLE PARKING SPACES SHOWN. REFER TO CIVIL FOR ADA SIGNAGE AND PARKING SYMBOLS
57	NEW TRENCH DRAIN - SEE PLUMBING
58	NEW HOSE BIB - SEE PLUMBING
59	EYE WASH - SEE PLUMBING
60	1" FLUSH FLOOR TO FLOOR 2 HR EXPANSION JOINT (TYPE 1) TO MATCH ADJACENT TILE - SEE STRUC AND DETAILS ON A111.2
61	1" FLUSH FLOOR TO FLOOR 2 HR EXPANSION JOINT (TYPE 2) TO MATCH ADJACENT CARPET - SEE STRUC AND DETAILS ON A111.2
62	1" FLUSH FLOOR TO WALL 2 HR EXPANSION JOINT (TYPE 3) TO MATCH ADJACENT CARPET - SEE STRUC AND DETAILS ON A111.2
63	1" FLUSH FLOOR TO WALL 2 HR EXPANSION JOINT (TYPE 4) TO MATCH ADJACENT TILE - SEE STRUC AND DETAILS ON A111.2
64	1" FLUSH WALL/CEILING TO WALL/CEILING EXPANSION JOINT (TYPE 5) TO MATCH ADJACENT PAINT COLOR - SEE STRUC AND DETAILS ON A111.2
65	1" EXPANSION JOINT (TYPE 6) TO MATCH ADJACENT BRICK - SEE STRUC AND DETAILS
66	ADA PUSH BUTTON
67	FLOOR BOX - VERIFY FINAL LOCATION PRIOR TO INSTALLATION W/ ARCHITECT. COORDINATE W/ SYSTEMS FURNITURE - SEE ELECTRICAL
68	OWNER PROVIDED VENDING MACHINE, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
69	CEILING MOUNTED TV. PROVIDE NECESSARY MOUNTING HARDWARE - SEE ELECTRICAL AND TELECOMMUNICATIONS
70	OWNER PROVIDED MICROWAVE, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
71	24" DEEP STAINLESS STEEL PASS THROUGH COUNTER INSTALLED 34" A.F.F. SEE ENLARGED PLANS FOR INFO.

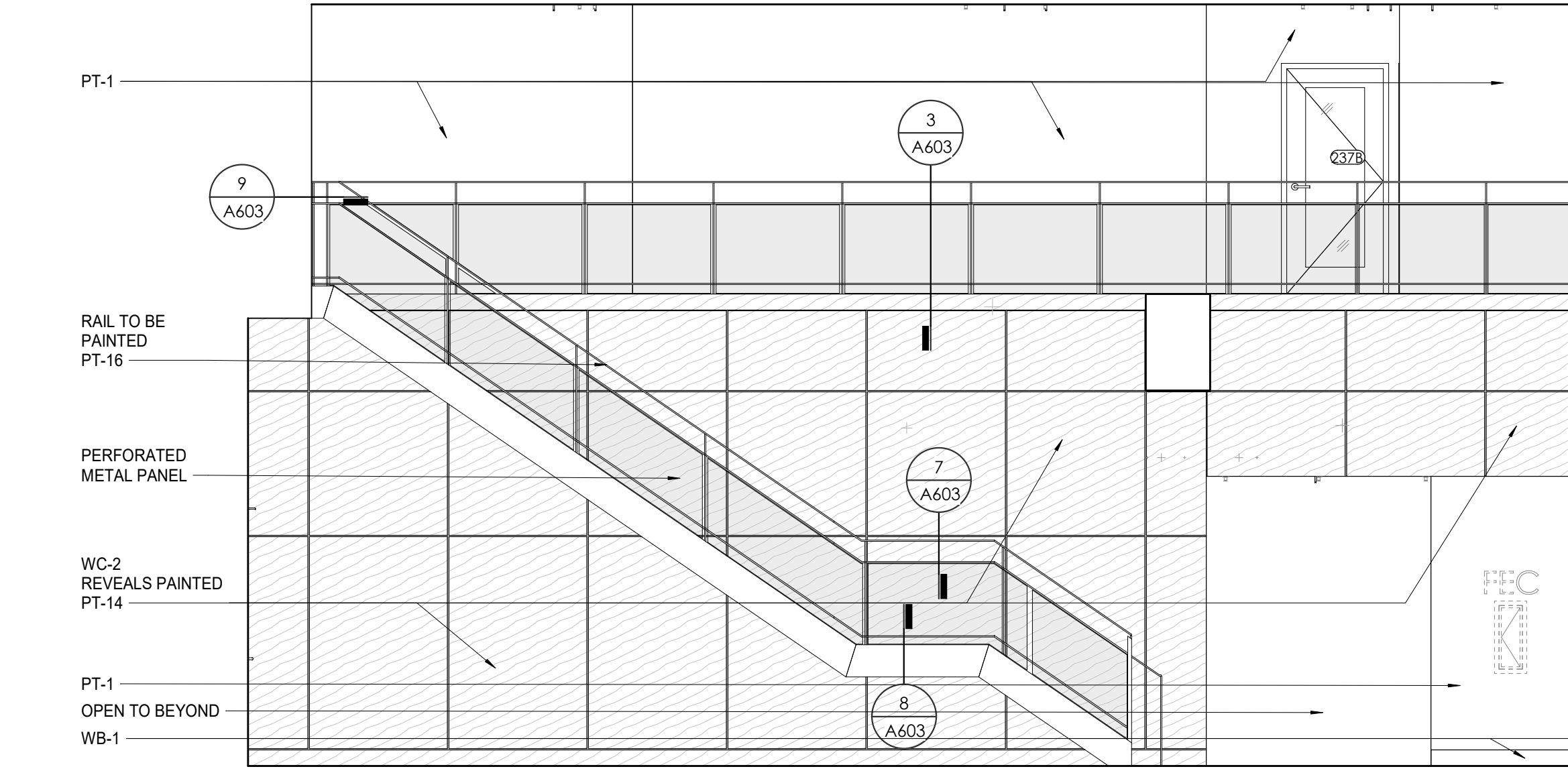
KEY PLAN



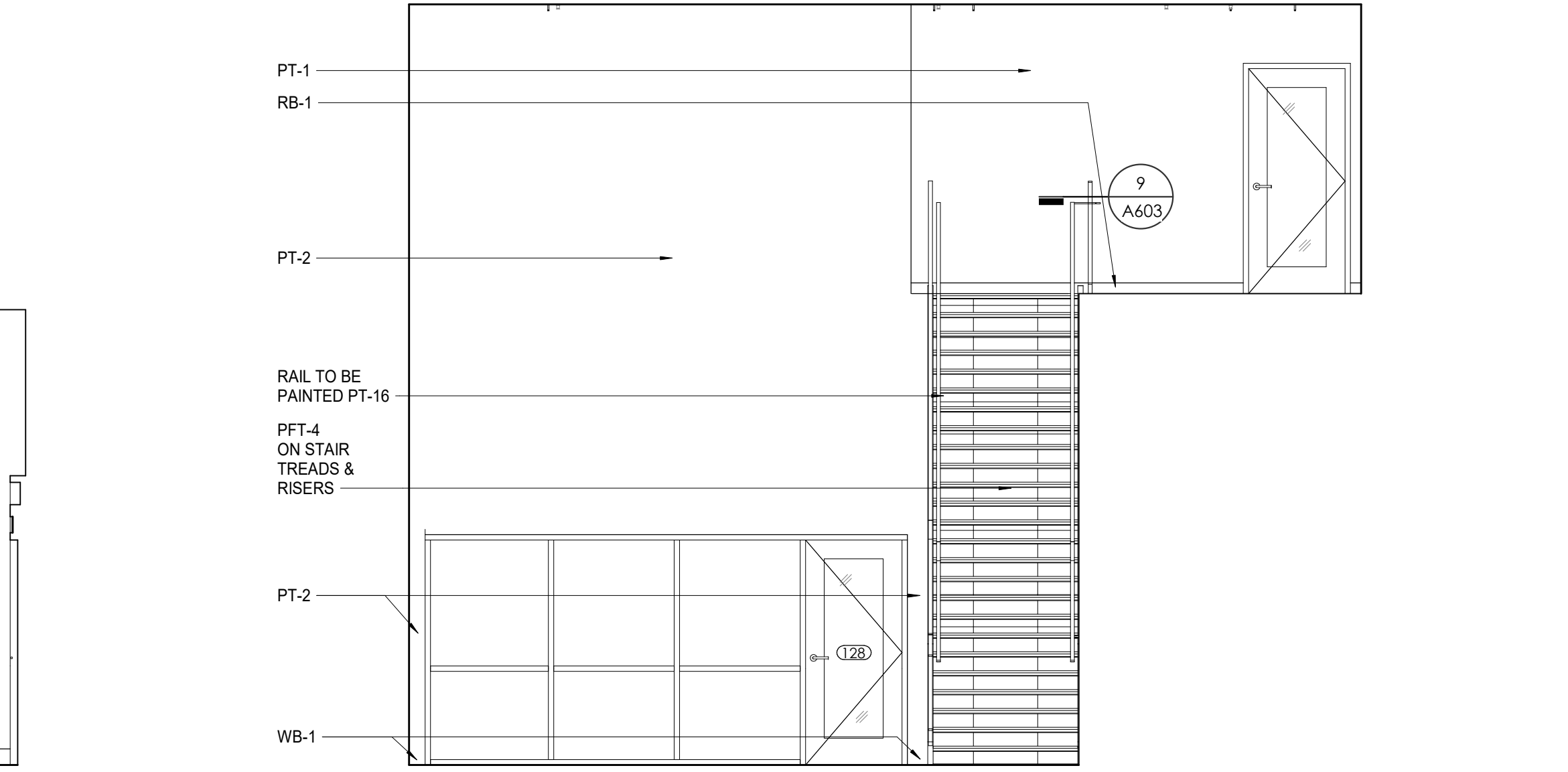
1 ENLARGED FLOOR PLAN - WP - FIRST LEVEL - LOBBY
1/4" = 1'-0"



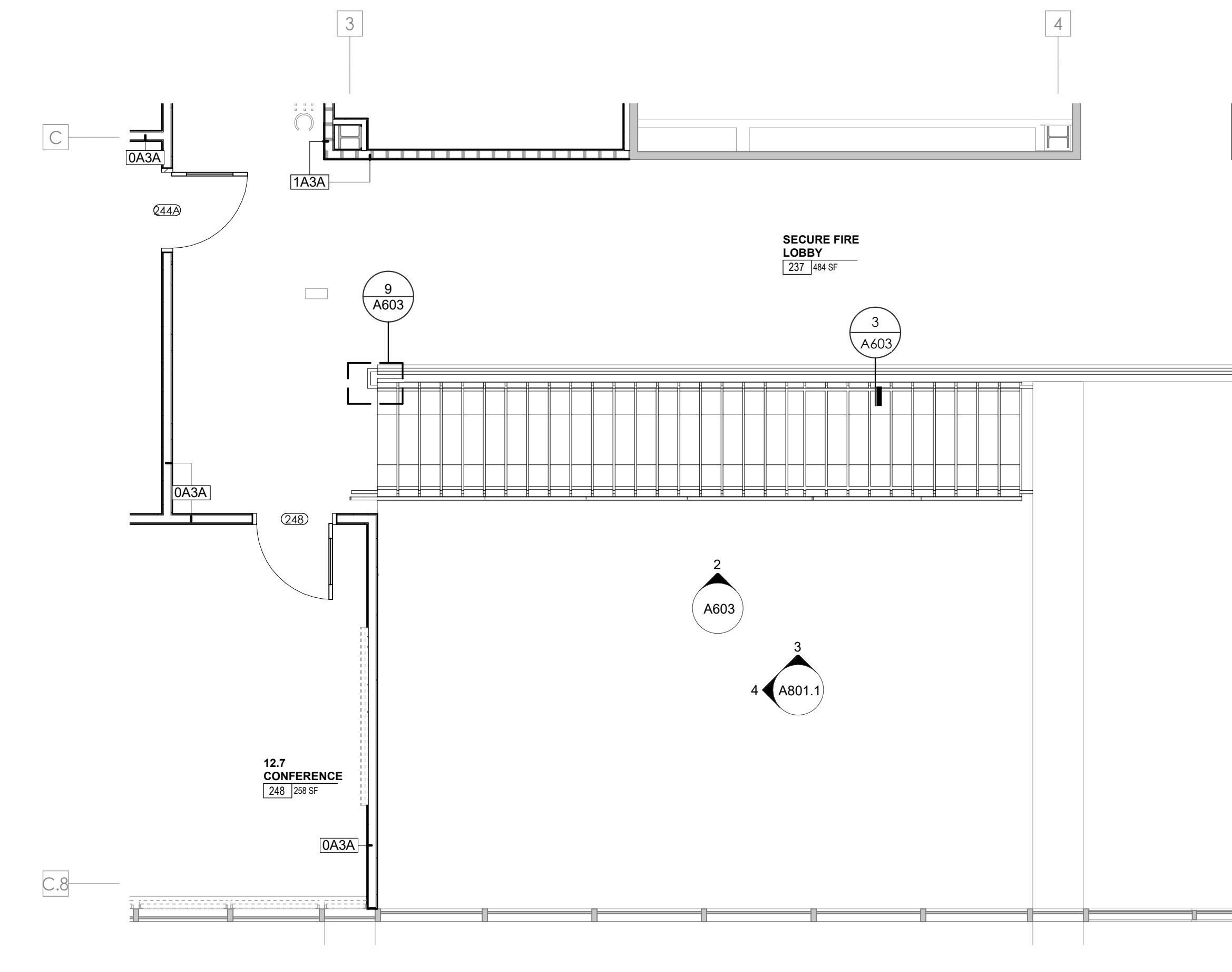
2 ENLARGED RCP - WP - SECOND LEVEL - LOBBY
1/4" = 1'-0"



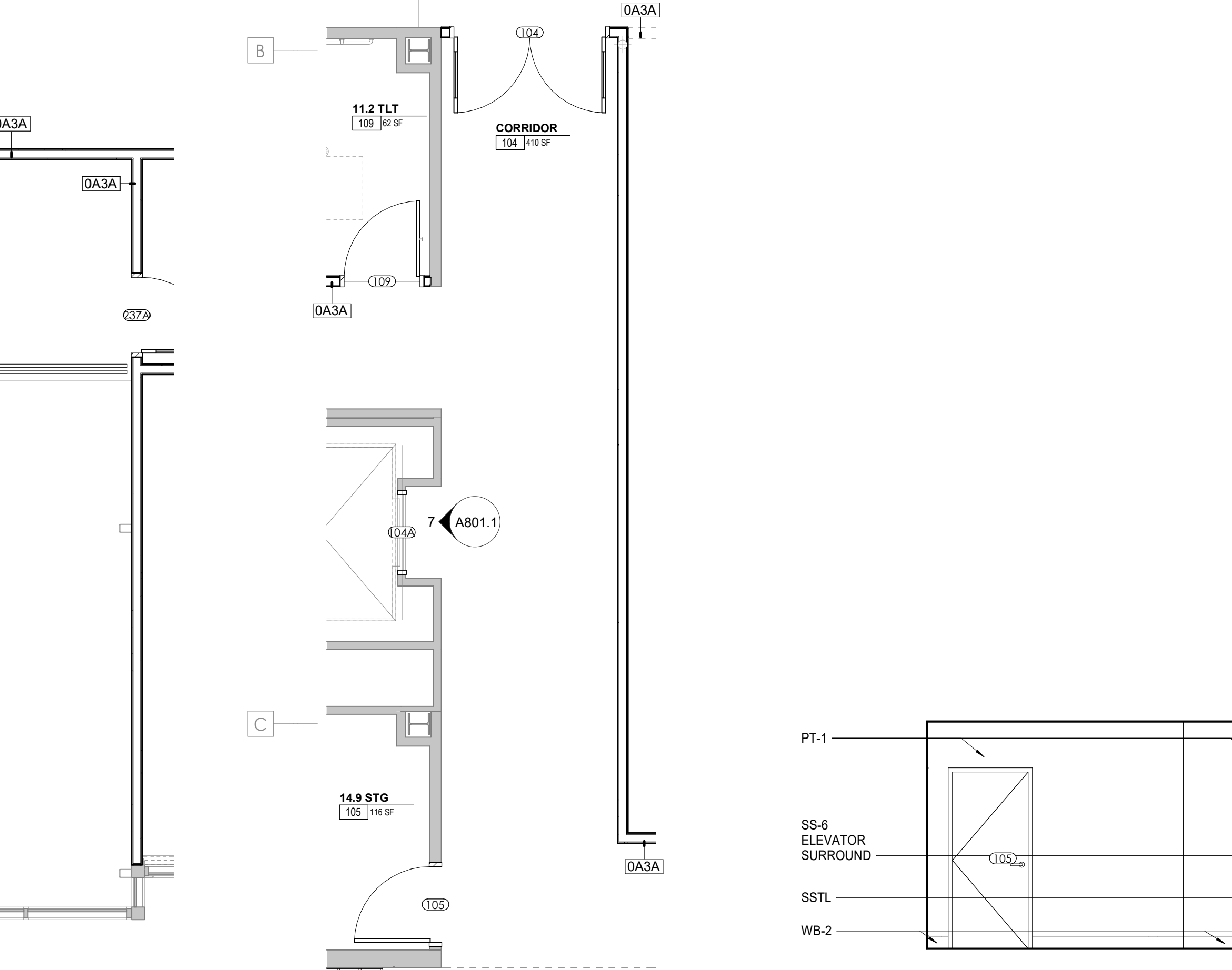
3 WP - FIRST + SECOND LEVEL LOBBY N. ELEVATION
1/4" = 1'-0"



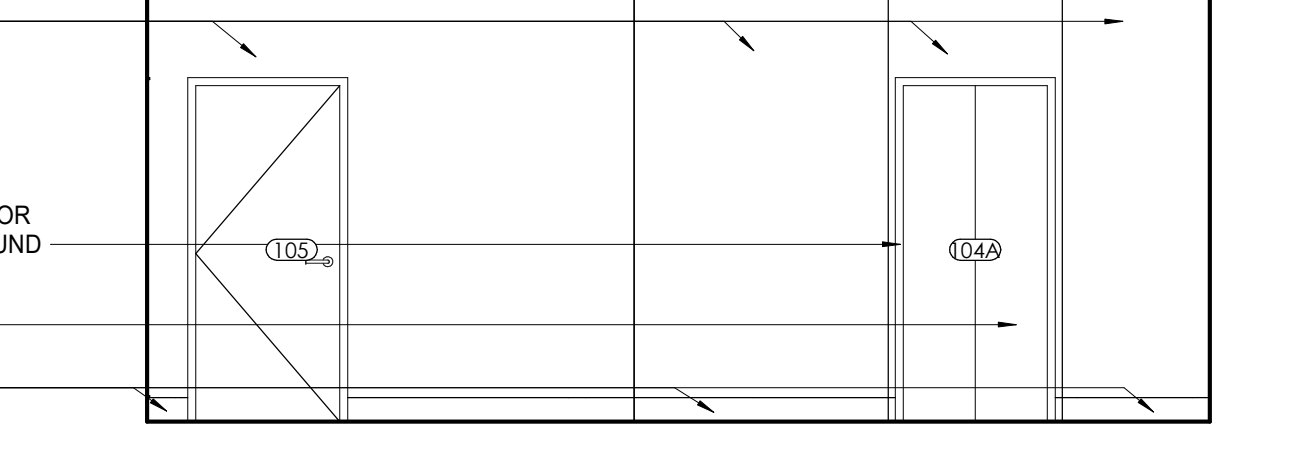
4 WP - FIRST + SECOND LEVEL LOBBY W. ELEVATION
1/4" = 1'-0"



5 ENLARGED FLOOR PLAN - WP - SECOND LEVEL - LOBBY
1/4" = 1'-0"



6 ENLARGED PLAN - WP FIRST LEVEL - ELEVATOR LOBBY
1/4" = 1'-0"



7 Elevation 8 - a
1/4" = 1'-0"

3/20/2021 6:29:30 PM



Project Information:

19018

COK SAFETY BUILDING

900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:
Architects Design Group

#	ISSUE	DATE
2	ADD #02.1	02/17/21
3	ADD #03.1	02/24/21
4	ADD #04.1	03/03/21

Issue Date: FEBRUARY 1, 2021

PKC	DAVID COLLINS
PM	JOHN THURMAN
PA	LAUREN BUSH /
Drawn By:	CORAL NOLAN
Checked By:	B. PIERCY

Drawing Info:

A801.2

WP - ENLARGED PLANS AND ELEVATIONS - FIRST LEVEL

REFLECTED CEILING PLAN LEGEND	
[Symbol]	24" x 24" ACOUSTICAL CEILING TILE GRID 44" x 48" ACOUSTICAL CEILING TILE GRID
[Symbol]	GYPSUM BOARD CEILING
[Symbol]	WOOD PANEL CEILING
[Symbol]	EIFS SOFFIT
**SUSPENDED CEILING AND GRID TO MEET SEISMIC DESIGN REQUIREMENTS AND ASTM C635 AND ASTM C636 - REFER TO SPECIFICATIONS	
[Symbol]	CEILING TYPE INDICATOR
[Symbol]	CEILING HEIGHT AFF
[Symbol]	CEILING TYPE INDICATOR
CEILING TYPES:	
[Symbol]	GYP - GYPSUM BOARD CEILING
[Symbol]	ACT - ACOUSTICAL TILE CEILING
[Symbol]	MTL - METAL PANEL SOFFIT
[Symbol]	EXP - EXPOSED TO STRUCTURE
[Symbol]	4" DIA. RECESSED CAN LIGHT
[Symbol]	AIMABLE DOWNLIGHT
[Symbol]	4" RECESSED WALL WASH DOWNLIGHT
[Symbol]	RAZOR WALL WASH DOWNLIGHT
[Symbol]	2 X 2 TROFFER
[Symbol]	LED STRIP
[Symbol]	SURFACE MOUNT STRIP LIGHT
[Symbol]	continuous LINEAR LED DOWNLIGHT
[Symbol]	DIRECT-INDIRECT LINEAR PENDANT
[Symbol]	EXIT SIGN, SHADED QUADRANTS INDICATE NUMBER OF FACES, PROVIDE DIRECTIONAL ARROWS AS SHOWN.
[Symbol]	EMERGENCY LIGHT
[Symbol]	ED - WET LOCATION EXIT DISCHARGE LIGHT
[Symbol]	CEILING MOUNTED SPEAKER
[Symbol]	SPRINKLER HEAD, CENTER IN CEILING TILE (UNO)
[Symbol]	HVAC CEILING SUPPLY
[Symbol]	HVAC CEILING RETURN
[Symbol]	HVAC LINEAR SUPPLY
[Symbol]	HVAC LINEAR RETURN
[Symbol]	ACCESS PANEL

WALL LEGEND	
[Symbol]	2 HR PARTITION (ASSEMBLY VARIES)
[Symbol]	1 HR PARTITION (ASSEMBLY VARIES)
[Symbol]	BALLISTIC LEVEL 3 PARTITION (ASSEMBLY VARIES)
[Symbol]	NEW PARTITION (ASSEMBLY VARIES)
[Symbol]	EXISTING PARTITION
[Symbol]	EXISTING PARTITION TO BE DEMOLISHED

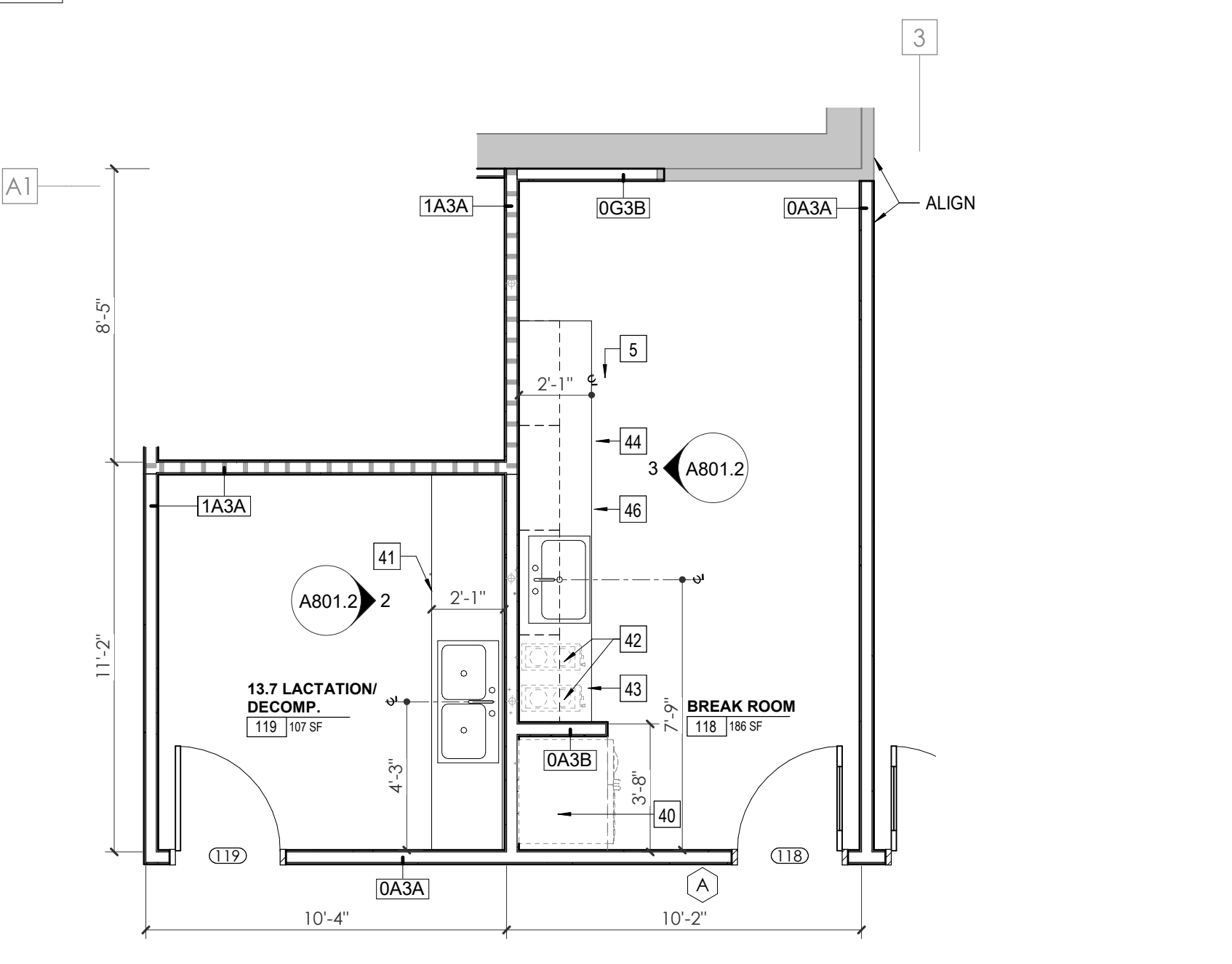
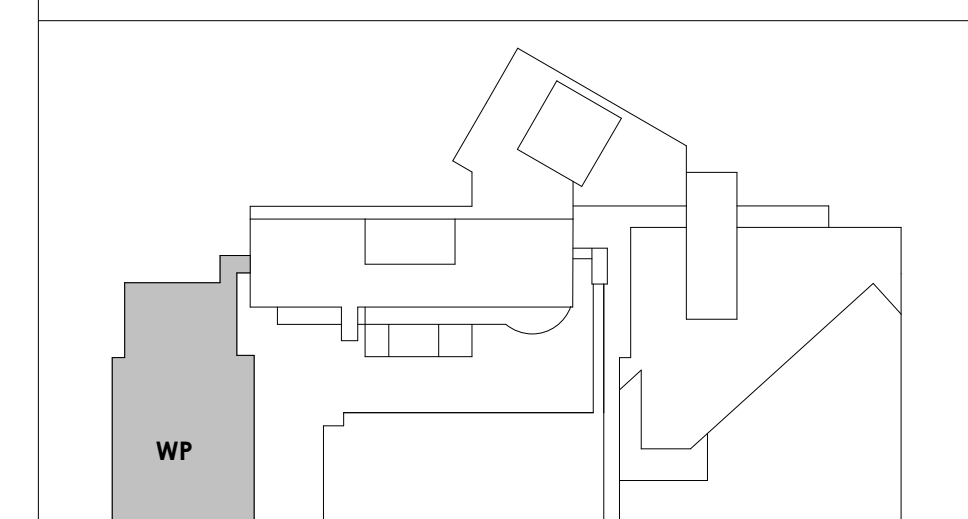
KEYNOTES - FLOOR PLANS	
Tag	Text

- SOFFIT ABOVE (DASHED)
- EXISTING EGRESS STAIR TO REMAIN - PREP & PAINT EXISTING HANDRAILS, STAIR, & WALLS TO REMAIN
- EXISTING ELEVATOR TO BE MODIFIED/REPLACED AS REQUIRED TO REACH ALL FOUR (4) FLOORS. SEE ELEVATOR PLANS & DETAILS SHEET FOR INFO.
- EXISTING ELEVATOR TO BE REFURBISHED AS REQUIRED - SEE ELEVATOR PLANS & DETAILS FOR INFO
- NEW FLOOR DRAIN - REFER TO PLUMBING
- SHADED AREA DENOTES NEW CONCRETE SLAB - REFER TO STRUCT.
- BALLISTIC LEVEL 3 RATING AND GLAZING - 8'-0" AFF MINIMUM
- MOBILE VEHICLE LIFT
- OVERHEAD COILING DOOR
- OWNER PROVIDED WOOD PEW SEATING - N.I.C.
- OWNER PROVIDED 36" DEEP OPEN SHELVING - N.I.C.
- 18" X 24" X 72" HEAVY DUTY LOCKER WITH DRAWER/BENCH (TYPE 1)
- 18" X 24" X 72" HEAVY DUTY THREE TIER LOCKERS (TYPE 2)
- NEW PASS THRU LOCKERS - TYPE 3
- RECESSED SIDE ARMS LOCKERS (ONE FOUR DOOR UNIT AT EACH DOOR)
- PUBLIC WEAPONS STG LOCKERS - TABLE PHONE WALL LOCKERS WITH 12 DOORS (TYPE 5)
- CANOPY ABOVE (DASHED)
- OWNER PROVIDED SYSTEMS FURNITURE - N.I.C.
- OWNER PROVIDED CORNER - N.I.C.
- PROVIDE REQ. BLOCKING FOR LOCATIONS WHERE WALL MOUNTED TV MONITORS ARE LOCATED. REFER TO EQUIPMENT PLANS FOR LOCATIONS
- PROVIDE REQUIRED BLOCKING FOR ALL MARKER BOARD LOCATIONS
- KNIX BOX (RECESSED)
- RECESSED CELL PHONE LOCKERS TO MATCH METAL WALL PANEL
- METAL DETECTOR ENTRY SECURITY
- MOP SINK - SEE PLUMBING
- 18" DEEP BOOKSHELVES
- 12" DEEP COUNTER ON L2X2X1/4" HEAVY DUTY WELDED ANGLE SUPPORT BRACKETS
- 24" DEEP COUNTER ON L2X2X1/4" HEAVY DUTY WELDED ANGLE SUPPORT BRACKETS
- 36" DEEP COUNTER ON L2X2X1/4" HEAVY DUTY WELDED ANGLE SUPPORT BRACKETS
- 18" DEEP COUNTER ON L2X2X1/4" HEAVY DUTY WELDED ANGLE SUPPORT BRACKETS
- PROVIDE NEW HANDRAILS, GUARDRAILS AND EGRESS STAIR ILLUMINATION. PREP AND PAINT EXISTING STAIR & WALLS TO REMAIN
- OPERABLE FOLDING PARTITION
- NEW DROP BOX
- HIGH LOW WATER COOLER
- OWNER PROVIDED HIGH DENSITY MOBILE STORAGE SYSTEM AND OVERSLAB RAILS
- 6" DEEP COUNTER
- ABANDON EXISTING ELEVATOR
- EXISTING FULL HEIGHT SPANDREL PANEL
- TWO-WAY COMMUNICATOR (BLACK FINISH). PROVIDE CUTSHEET AND VERIFY COLOR SELECTION WITH MFR PRIOR TO PURCHASE - BASIS OF DESIGN AUTUS BY C.R. LAURENCE
- OWNER PROVIDED REFRIGERATOR, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
- OWNER PROVIDED REFRIGERATION UNDERCOUNTER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
- OWNER PROVIDED BUNN COFFEE MAKER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
- OWNER PROVIDED MICROWAVE UNDERCOUNTER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
- OWNER PROVIDED UNDERCOUNTER DISHWASHER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
- OWNER PROVIDED COOKTOP AND HOOD, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
- OWNER PROVIDED ICE MAKER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
- NEW WATER HEATER - SEE PLUMBING
- WALL MOUNTED MOP & BROOM HOLDER
- APPLY TRANSPARENT FILM TO INSIDE FACE OF GLAZING
- IMPACT RESISTANT STEEL BOLLARD, GENERAL LOCATION SHOWN. COORDINATE LOCATION IN FIELD. REFER TO DETAIL 13(A)800.
- NEW CONCRETE AND SEE SITE DETAILS AND STRUCTURAL DRAWINGS FOR INFO.
- NEW SHOOTING RANGE. SEE SHOOTING RANGE PLANS A108 FOR INFO.
- PROVIDE WHEEL STOPS AT ACCESSIBLE PARKING LOCATIONS
- NEW FOLDING ARM. SEE ELECTRICAL PLAN FOR ADDITIONAL INFORMATION
- NEW BADGE IN ACCESS READER, SEE SHEET AS120 AND ELECTRICAL FOR ADDITIONAL INFORMATION
- RESTRIPE PARKING TO ACCOMMODATE FOR ACCESSIBLE PARKING SPACES SHOWN. REFER TO CIVIL FOR ADA SIGNAGE AND PARKING SYMBOLS
- NEW TRENCH DRAIN - SEE PLUMBING
- NEW HOSE BIB - SEE PLUMBING
- EYE WASH - SEE PLUMBING
- 1" FLUSH FLOOR TO FLOOR 2 HR EXPANSION JOINT (TYPE 1) TO MATCH ADJACENT TILE - SEE STRUC AND DETAILS ON A111.2
- 1" FLUSH FLOOR TO FLOOR 2 HR EXPANSION JOINT (TYPE 2) TO MATCH ADJACENT CARPET - SEE STRUC AND DETAILS ON A111.2
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- ADA PUSH BUTTON
- FLOOR BOX - VERIFY FINAL LOCATION PRIOR TO INSTALLATION W/ ARCHITECT. COORDINATE W/ SYSTEMS FURNITURE - SEE ELECTRICAL
- OWNER PROVIDED VENDING MACHINE, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
- CEILING MOUNTED TV. PROVIDE NECESSARY MOUNTING HARDWARE - SEE ELECTRICAL AND TELECOMMUNICATIONS
- OWNER PROVIDED MICROWAVE, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
- 24" DEEP STAINLESS STEEL PASS THROUGH COUNTER INSTALLED 34" A.F.F. SEE ENLARGED PLANS FOR INFO.

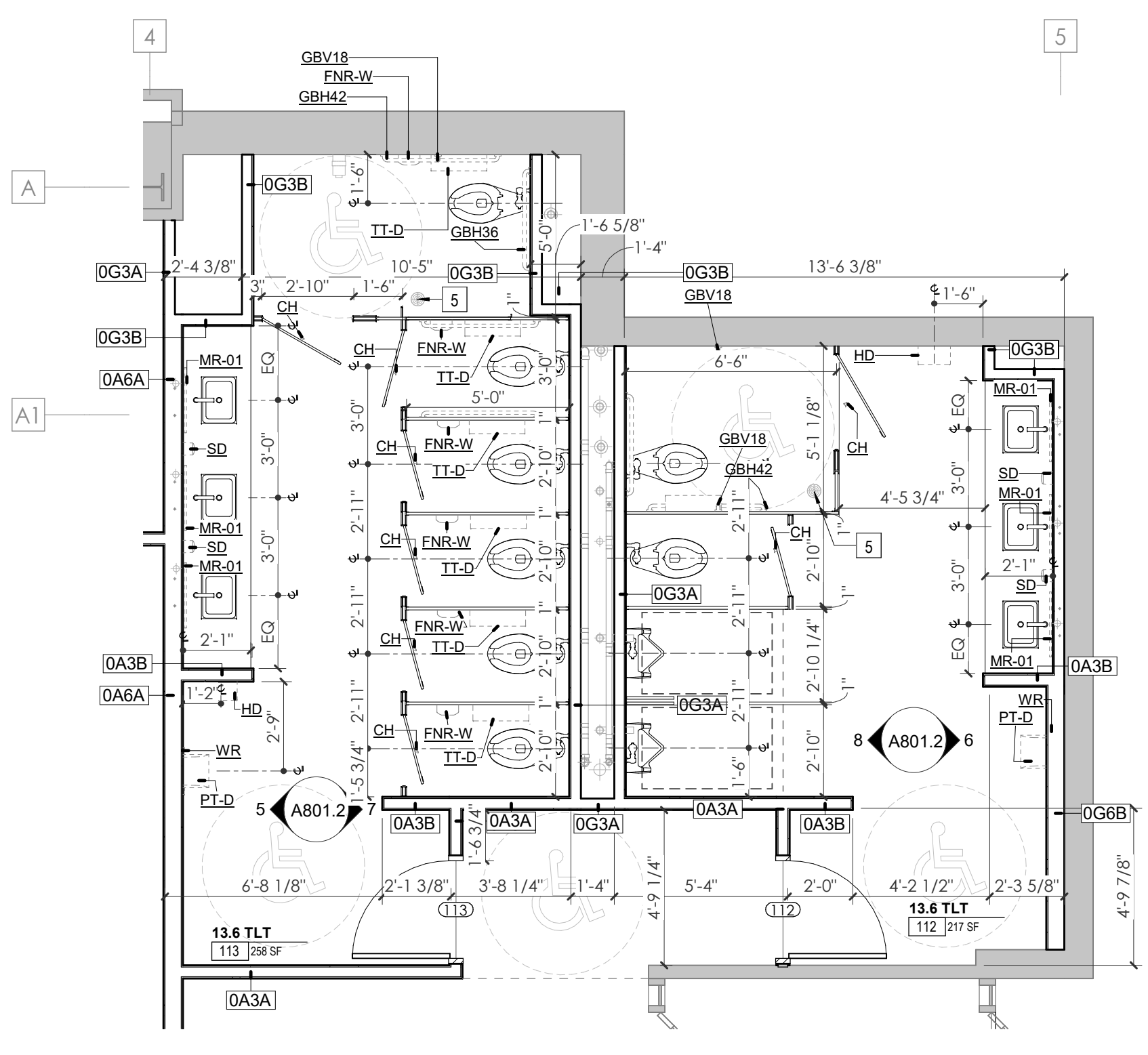
KEYNOTE - RCP	
Tag	Text

TOILET ACCESSORIES LEGEND	
MARK	DESCRIPTION
GBH42	42" HORIZONTAL GRAB BAR, ADA, COLOR: STAINLESS STEEL
GBH36	36" HORIZONTAL GRAB BAR, ADA, COLOR: STAINLESS STEEL
GBV18	18" VERTICAL GRAB BAR, ADA, COLOR: STAINLESS STEEL
MR-01	24" X 36" MIRROR, BLACK FRAME
MR-02	LOCKER ROOM FRAMELESS MIRROR
MR-03	20" X 59" MIRROR, DOOR MOUNTED, BLACK FRAME
FNR-S	FEMININE NAPKIN RECEPTACLE, SURFACE-MTD, FINISH: STAINLESS STEEL
TT-D	TOILET TISSUE, DOUBLE-ROLL DISPENSER, FINISH: BLACK
HD	HAND DRYER, WALL-MOUNTED, FINISH: BLACK
PT-D	AUTOMATIC PAPER TOWEL DISPENSER, WALL-MTD, FINISH BLACK
WR	WASTE RECEPTACLE, FINISH: BLACK
CS	CHANGING STATION, FINISH: STAINLESS STEEL
CH	COAT HOOK, FINISH: BLACK
SR-01	36" SHOWER ROD, FINISH: BLACK
SR-02	60" SHOWER ROD, FINISH: BLACK
SS	SHOWER SEAT, PER ADA, FINISH: PHENOLIC

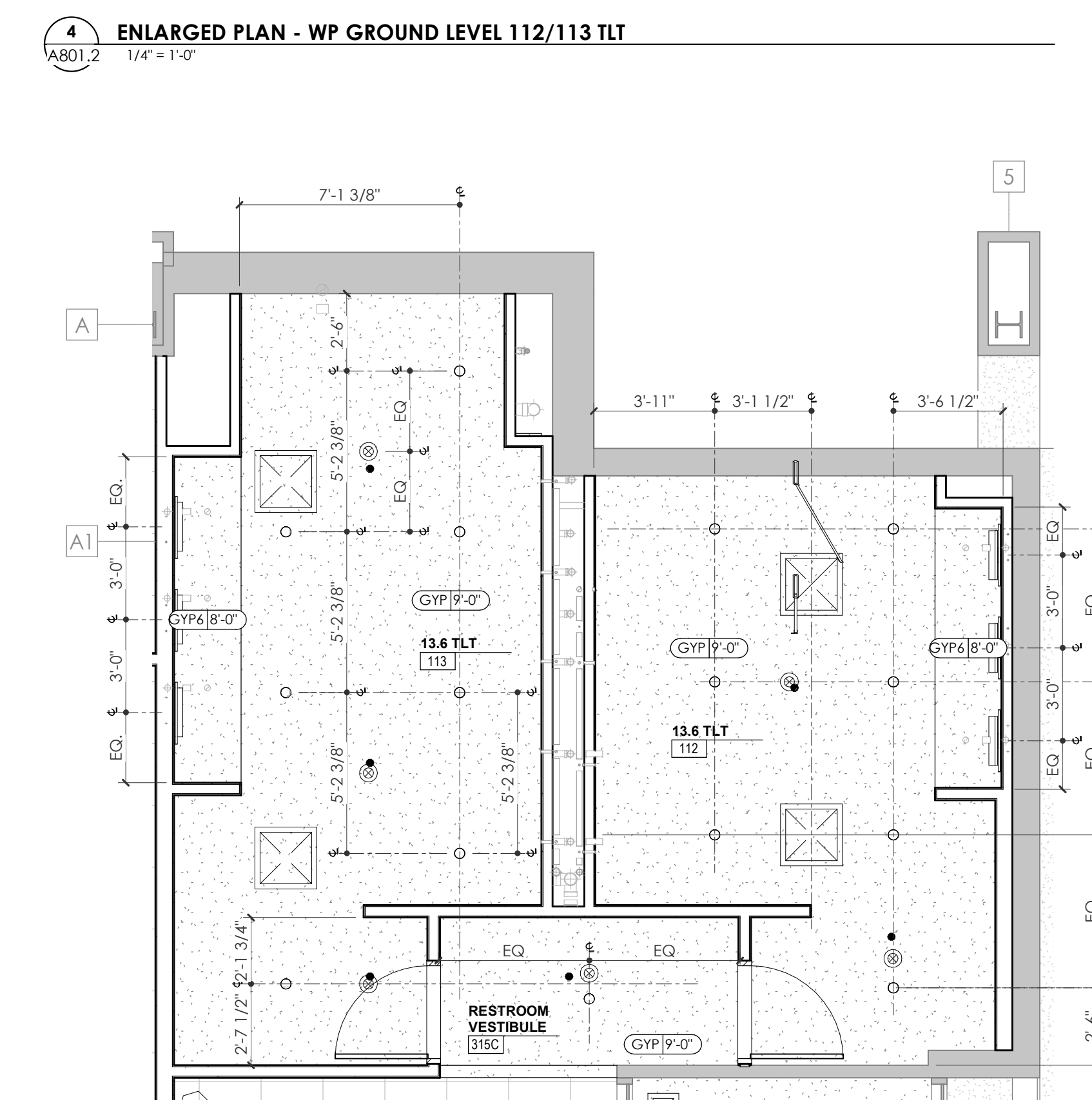
KEY PLAN



1 ENLARGED PLAN - WP - FIRST LEVEL - BREAK RM 118 & LAC RM 119
A801.2 1/4" = 1'-0"

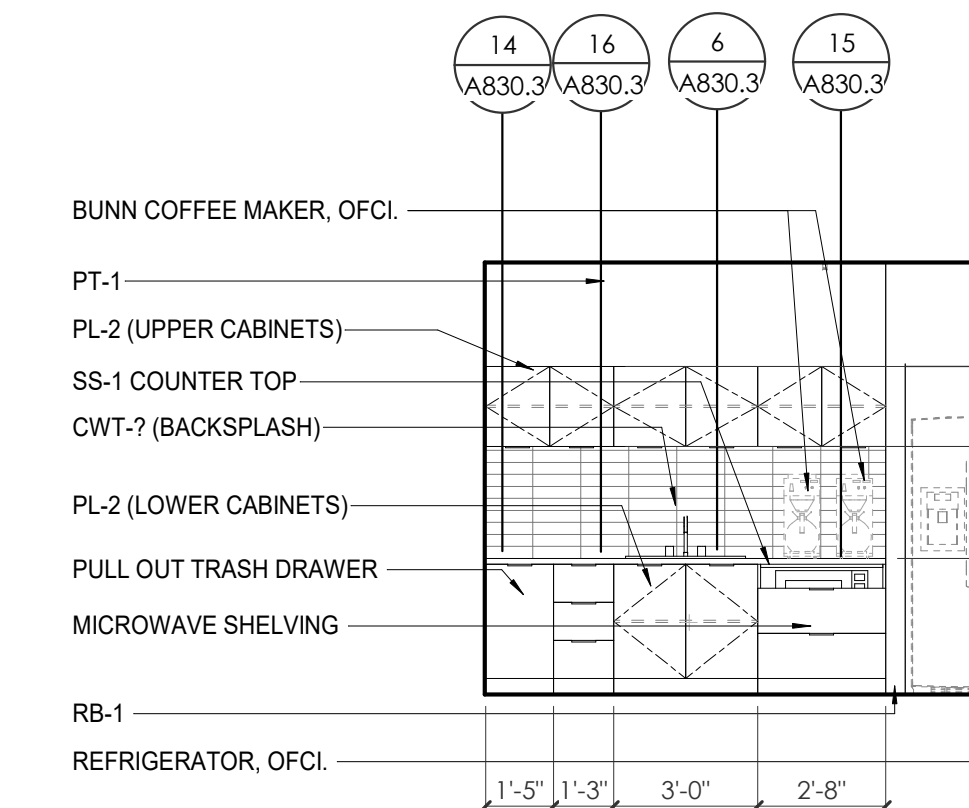


5 WP - GROUND LEVEL - TLT 113 W. ELEVATION
A801.2 1/4" = 1'-0"

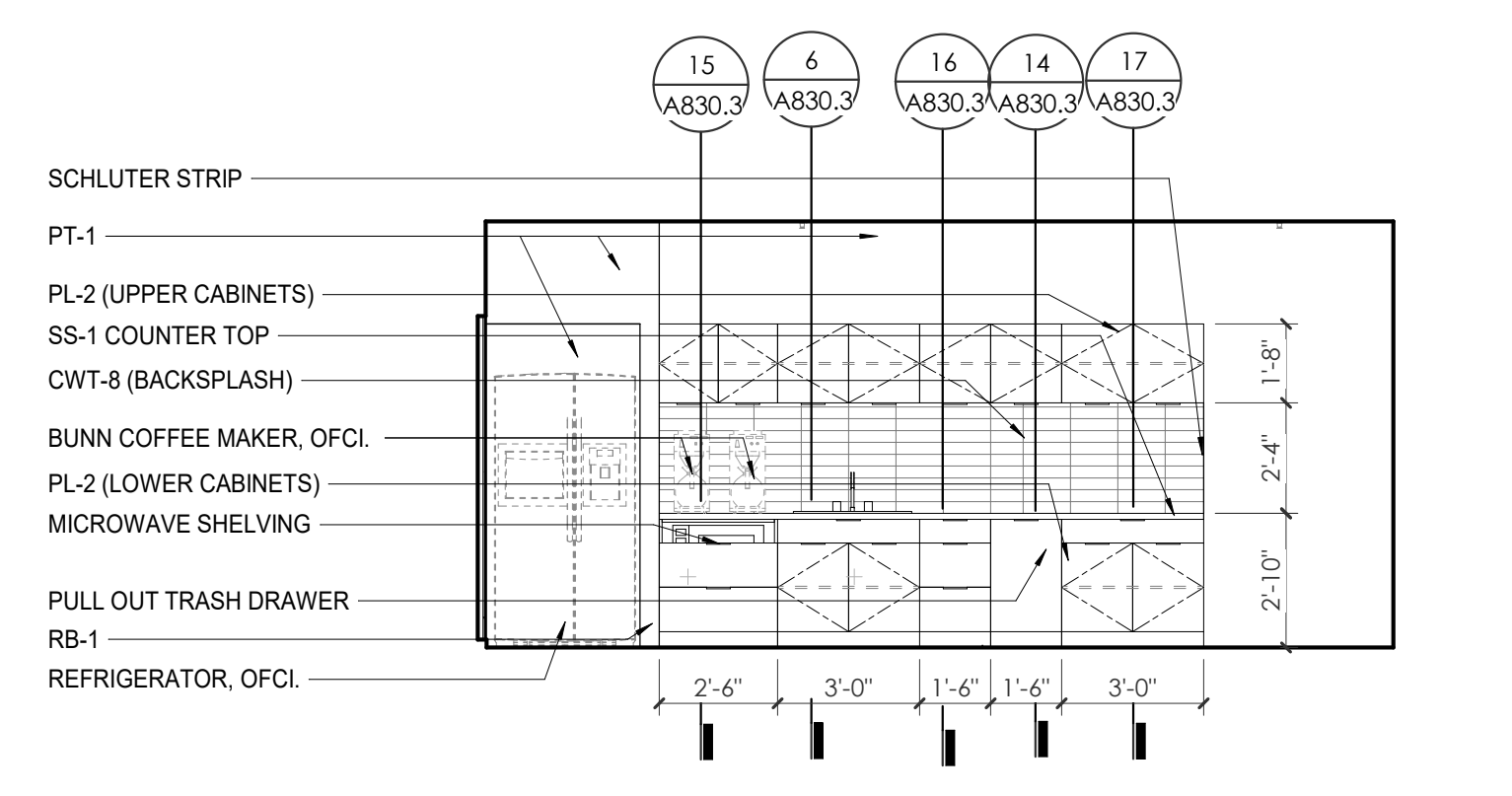


9 ENLARGED RCP - WP GROUND LEVEL 112/113 TLT
A801.2 1/4" = 1'-0"

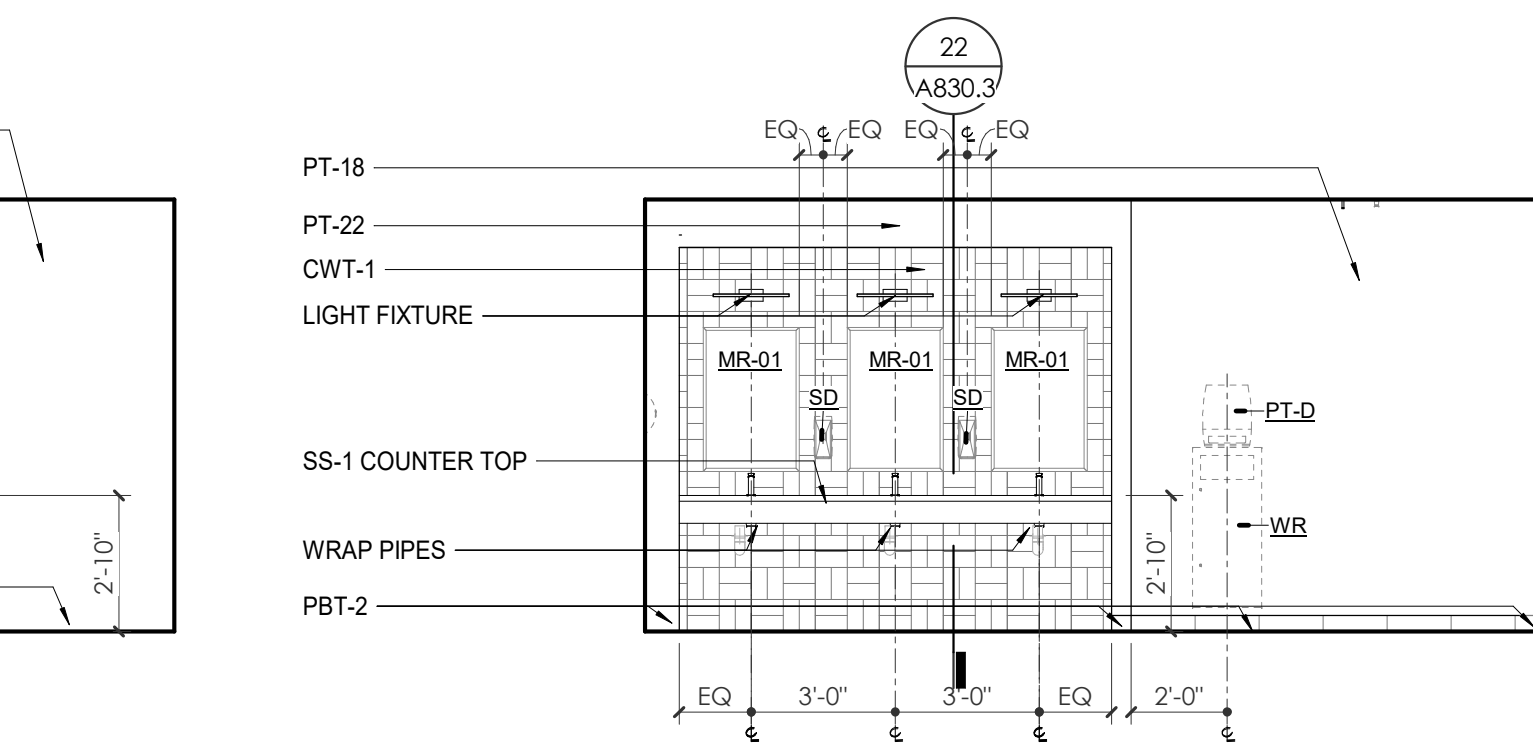
10 ENLARGED PLAN - WP - FIRST LEVEL - BREAK RM 122
A801.2 1/4" = 1'-0"



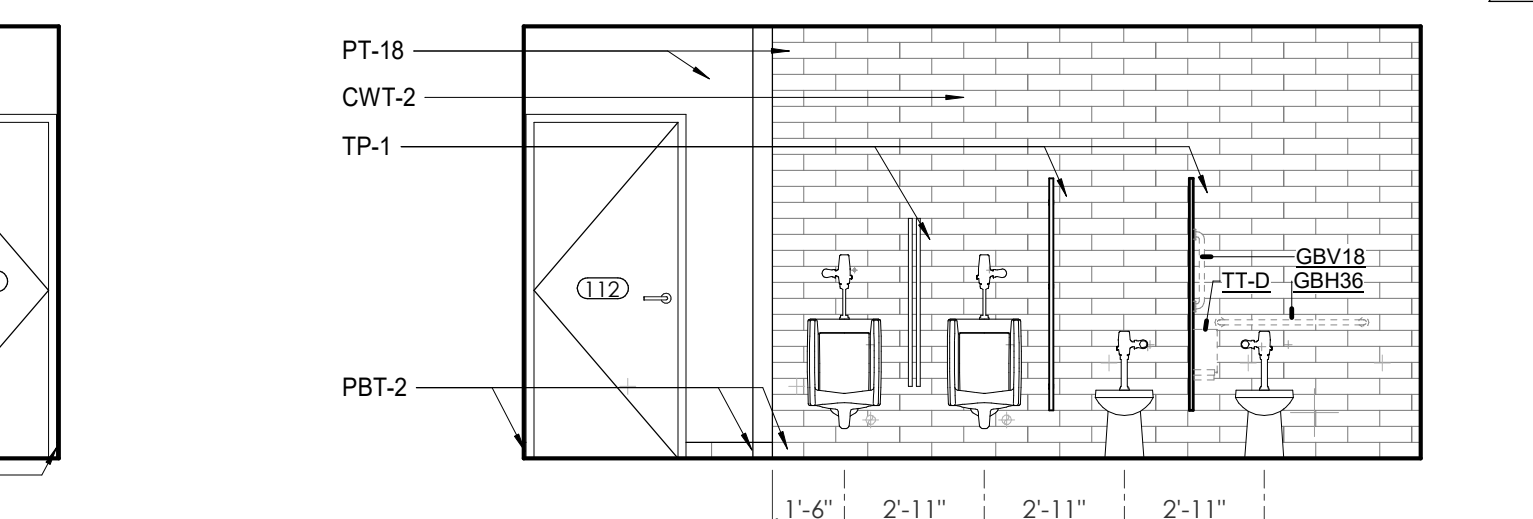
12 WP - GROUND LEVEL - BREAK 122 N. ELEVATION
A801.2 1/4" = 1'-0"



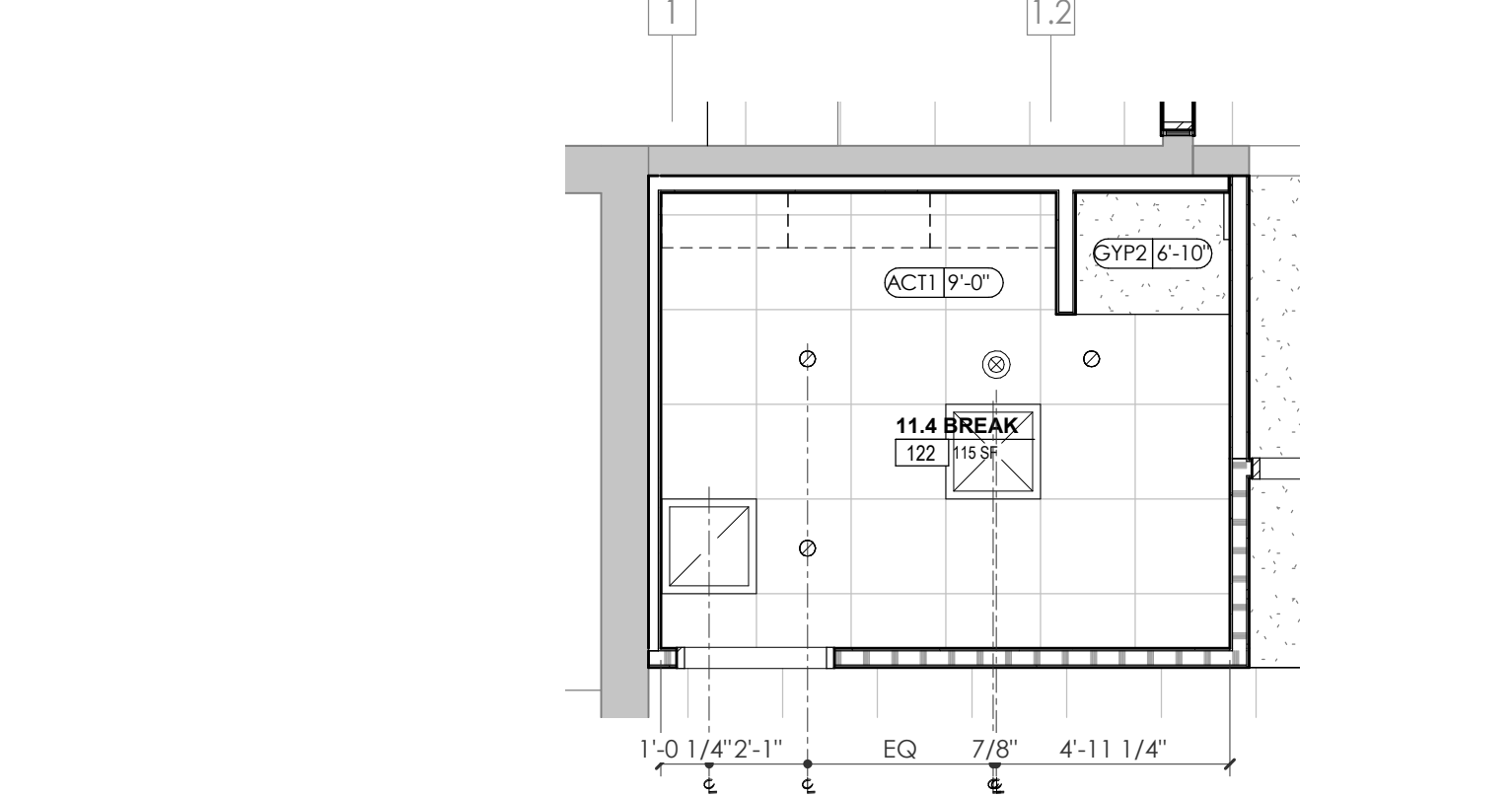
3 WP - FIRST LEVEL - BREAK ROOM 118 W. ELEVATION
A801.2 1/4" = 1'-0"



4 WP - GROUND LEVEL - 13.6 TLT 112 E. ELEVATION
A801.2 1/4" = 1'-0"



8 WP - GROUND LEVEL - TLT 112 W. ELEVATION
A801.2 1/4" = 1'-0"



11 ENLARGED RCP - WP - FIRST LEVEL BREAK RM 122
A801.2 1/4" = 1'-0"



Project Information:

19018

COK SAFETY BUILDING
900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:
Architects Design Group

#	ISSUE	DATE
2	ADD #02.1	02/17/21
3	ADD #03.1	02/24/21
4	ADD #04.1	03/03/21

Issue Date: FEBRUARY 1, 2021

PKC: DAVID COLLINS

PM: JOHN THURMAN

PA: LAUREN BUSH /

Drawn By: Author

Checked By: B. PIERCY

Drawing Info:

A802

WP - ENLARGED PLANS AND ELEVATIONS - SECOND LEVEL

WALL LEGEND

	2 HR PARTITION (ASSEMBLY VARIES)
	1 HR PARTITION (ASSEMBLY VARIES)
	BALLISTIC LEVEL 3 PARTITION (ASSEMBLY VARIES)
	NEW PARTITION (ASSEMBLY VARIES)
	EXISTING PARTITION
	EXISTING PARTITION TO BE DEMOLISHED

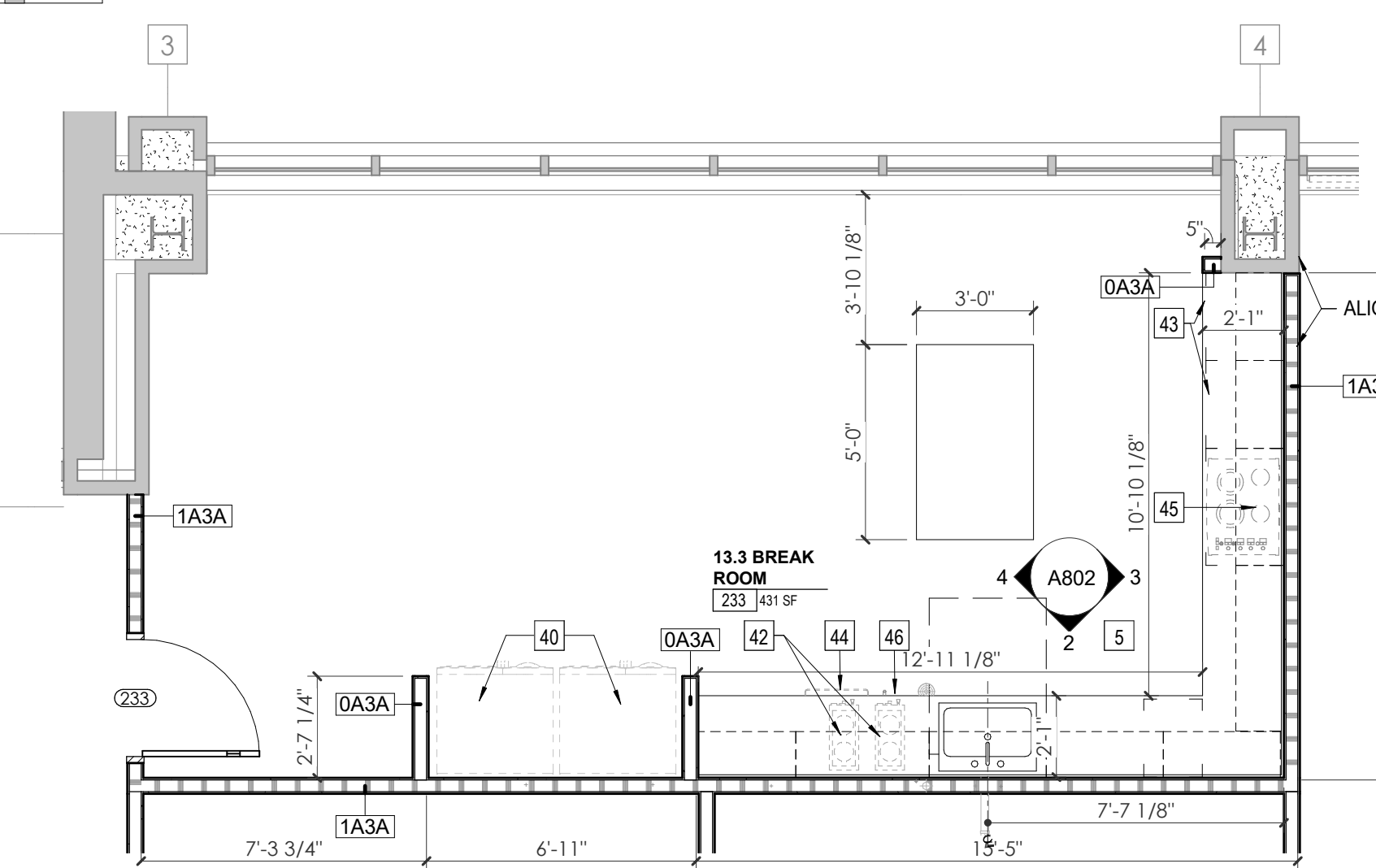
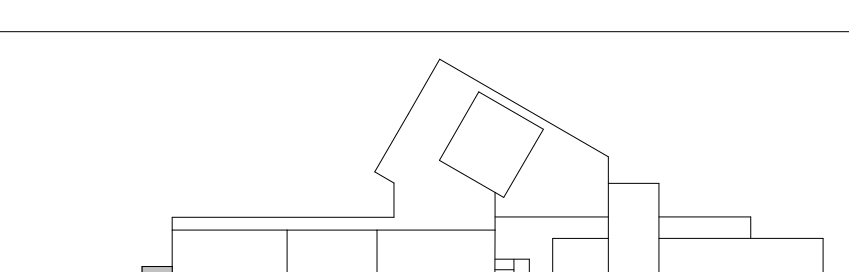
KEYNOTES - FLOOR PLANS

- | Tag | Text |
|-----|---|
| 1 | SOFFIT ABOVE (DASHED) |
| 2 | EXISTING EGRESS STAR TO REMAIN - PREP & PAINT EXISTING HANDRAILS, STAIR, & WALLS TO REMAIN |
| 3 | EXISTING ELEVATOR TO BE MODIFIED/REPLACED AS REQUIRED TO REACH ALL FOUR (4) FLOORS. SEE ELEVATOR PLANS & DETAILS SHEET FOR INFO. |
| 4 | EXISTING ELEVATOR TO BE REFURBISHED AS REQUIRED - SEE ELEVATOR PLANS & DETAILS FOR INFO. |
| 5 | NEW FLOOR DRAIN - REFER TO PLUMBING |
| 6 | SHADED AREA DENOTES NEW CONCRETE SLAB - REFER TO STRUC. |
| 7 | BALLISTIC LEVEL 3 RATING AND GLAZING - 8'-0" AFF. MINIMUM |
| 8 | MOBILE VEHICLE LIFT |
| 9 | OVERHEAD COILING DOOR |
| 10 | OWNER PROVIDED WOOD PEW SEATING - N.I.C. |
| 11 | OWNER PROVIDED 36" DEEP OPEN SHELVING - N.I.C. |
| 12 | 18" X 24" X 72" HEAVY DUTY LOCKER WITH DRAWER BENCH (TYPE 1) |
| 13 | 18" X 24" X 72" HEAVY DUTY THREE TIER LOCKERS (TYPE 2) |
| 14 | NEW PASS THRU LOCKERS - TYPE 3 |
| 15 | RECESSED SIDE ARMS LOCKERS (ONE FOUR DOOR UNIT AT EACH DOOR) |
| 16 | PUBLIC WEAPONS STG LOCKERS - TABLE PHONE WALL LOCKERS WITH 12 DOORS (TYPE 5) |
| 17 | CANOPY ABOVE (DASHED) |
| 18 | OWNER PROVIDED SYSTEMS FURNITURE - N.I.C. |
| 19 | OWNER PROVIDED CORNER - N.I.C. |
| 20 | PROVIDE REQ. BLOCKING FOR LOCATIONS WHERE WALL MOUNTED TV MONITORS ARE LOCATED. REFER TO EQUIPMENT PLANS FOR LOCATIONS |
| 21 | PROVIDE REQUIRED BLOCKING FOR ALL MARKER BOARD LOCATIONS |
| 22 | KNOX BOX (RECESSED) |
| 23 | RECESSED CELL PHONE LOCKERS TO MATCH METAL WALL PANEL |
| 24 | METAL DETECTOR ENTRY SECURITY |
| 25 | MOP SINK - SEE PLUMBING |
| 26 | 18" DEEP BOOKSHELVES |
| 27 | 12" DEEP COUNTER ON L2X2X1/4" HEAVY DUTY WELDED ANGLE SUPPORT BRACKETS |
| 28 | 24" DEEP COUNTER ON L2X2X1/4" HEAVY DUTY WELDED ANGLE SUPPORT BRACKETS |
| 29 | 36" DEEP COUNTER ON L2X2X1/4" HEAVY DUTY WELDED ANGLE SUPPORT BRACKETS |
| 30 | 18" DEEP COUNTER ON L2X2X1/4" HEAVY DUTY WELDED ANGLE SUPPORT BRACKETS |
| 31 | PROVIDE NEW HANDRAILS, GUARDRAILS AND EGRESS STAIR ILLUMINATION. PREP AND PAINT EXISTING STAIR & WALLS TO REMAIN |
| 32 | OPERABLE FOLDING PARTITION |
| 33 | NEW DROP BOX |
| 34 | HIGH LOW WATER COOLER |
| 35 | OWNER PROVIDED HIGH DENSITY MOBILE STORAGE SYSTEM AND OVERSLAB RAILS |
| 36 | 18" DEEP COUNTER |
| 37 | ABANDON EXISTING ELEVATOR |
| 38 | EXISTING FULL HEIGHT SPANDREL PANEL |
| 39 | TWO-WAY COMMUNICATOR (BLACK FINISH). PROVIDE CUTSHEET AND VERIFY COLOR SELECTION WITH MFR PRIOR TO PURCHASE - BASIS OF DESIGN AUTHUS BY C.R. LAURENCE |
| 40 | OWNER PROVIDED REFRIGERATOR, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS |
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| 46 | OWNER PROVIDED ICE MAKER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS |
| 47 | NEW WATER HEATER - SEE PLUMBING |
| 48 | WALL MOUNTED MOP & BROOM HOLDER |
| 49 | APPLY TRANSPARENT FILM TO INSIDE FACE OF GLAZING |
| 50 | IMPACT RESISTANT STEEL BOLLARD - GENERAL LOCATION SHOWN. COORDINATE LOCATION IN FIELD. REFER TO DETAIL 13(A802). |
| 51 | NEW CONCRETE FLOOR. SEE SITE DETAILS AND STRUCTURAL DRAWINGS FOR INFO. |
| 52 | NEW SHOOTING RANGE. SEE SHOOTING RANGE PLANS A108 FOR INFO. |
| 53 | PROVIDE WHEEL STOPS AT ACCESSIBLE PARKING LOCATIONS |
| 54 | NEW FOLDING ARM. SEE ELECTRICAL PLAN FOR ADDITIONAL INFORMATION |
| 55 | NEW BADGE IN ACCESS READER. SEE SHEET AS120 AND ELECTRICAL FOR ADDITIONAL INFORMATION |
| 56 | RESTRIPE PARKING TO ACCOMMODATE FOR ACCESSIBLE PARKING SPACES SHOWN. REFER TO CIVIL FOR ADA SIGNAGE AND PARKING SYMBOLS |
| 57 | NEW TRENCH DRAIN - SEE PLUMBING |
| 58 | NEW HOSE BIB - SEE PLUMBING |
| 59 | EYE WASH - SEE PLUMBING |
| 60 | 1" FLUSH FLOOR TO FLOOR 2 HR EXPANSION JOINT (TYPE 2) TO MATCH ADJACENT TILE - SEE STRUC AND DETAILS ON A111.2 |
| 61 | 1" FLUSH FLOOR TO FLOOR 2 HR EXPANSION JOINT (TYPE 2) TO MATCH ADJACENT CARPET - SEE STRUC AND DETAILS ON A111.2 |
| 62 | 1" FLUSH FLOOR TO WALL 2 HR EXPANSION JOINT (TYPE 3) TO MATCH ADJACENT CARPET - SEE STRUC AND DETAILS ON A111.2 |
| 63 | 1" FLUSH FLOOR TO WALL 2 HR EXPANSION JOINT (TYPE 4) TO MATCH ADJACENT TILE - SEE STRUC AND DETAILS ON A111.2 |
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| 65 | 1" EXPANSION JOINT (TYPE 6) TO MATCH ADJACENT BRICK - SEE STRUC AND DETAILS |
| 66 | ADA PUSH BUTTON |
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| 70 | OWNER PROVIDED MICROWAVE, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS |
| 71 | 24" DEEP STAINLESS STEEL PASS THROUGH COUNTER INSTALLED 34" A.F.F. SEE ENLARGED PLANS FOR INFO. |

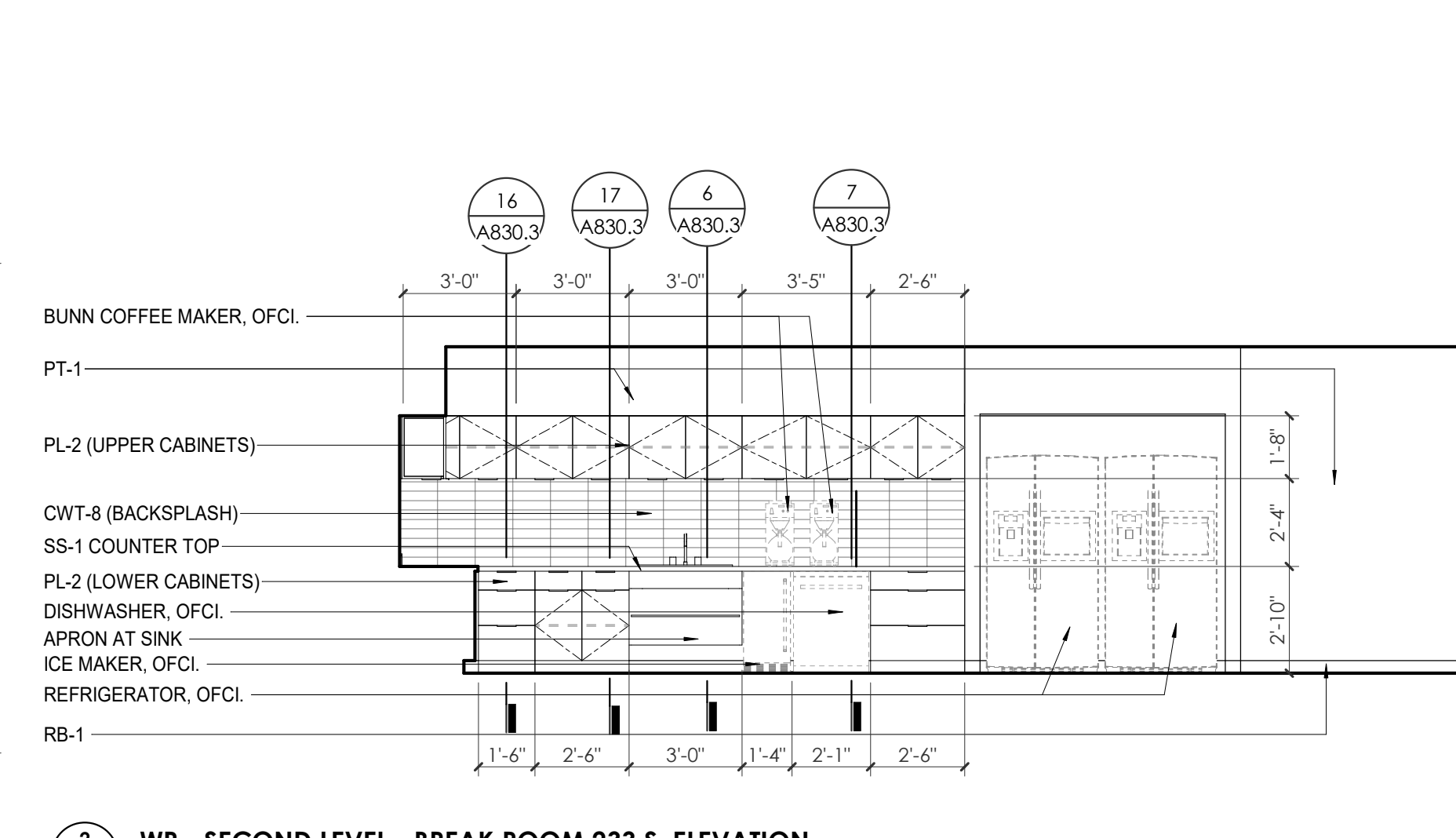
TOILET ACCESSORIES LEGEND

MARK	DESCRIPTION
GBH42	42" HORIZONTAL GRAB BAR, ADA, COLOR: STAINLESS STEEL
GBH36	36" HORIZONTAL GRAB BAR, ADA, COLOR: STAINLESS STEEL
GBV18	18" VERTICAL GRAB BAR, ADA, COLOR: STAINLESS STEEL
MIR-01	24" X 36" MIRROR, BLACK FRAME
MIR-02	LOCKER ROOM FRAMELESS MIRROR
MIR-03	20" X 59" MIRROR, DOOR MOUNTED, BLACK FRAME
FNR-S	FEMININE NAPKIN RECEPTACLE, SURFACE-MTD, FINISH: STAINLESS STEEL
TLT-D	TOILET TISSUE, DOUBLE-KOLL DISPENSER, FINISH: BLACK
HD	HAND DRYER, WALL-MOUNTED, FINISH: BLACK
PT-D	AUTOMATIC PAPER TOWEL DISPENSER, WALL-MTD, FINISH BLACK
WR	WASTE RECEPTACLE, FINISH: BLACK
CS	CHANGING STATION, FINISH: STAINLESS STEEL
CH	COAT HOOK, FINISH: BLACK
SR-01	36" SHOWER ROD, FINISH: BLACK
SR-02	40" SHOWER ROD, FINISH: BLACK
SS	SHOWER SEAT, PER ADA, FINISH: PHENOLIC

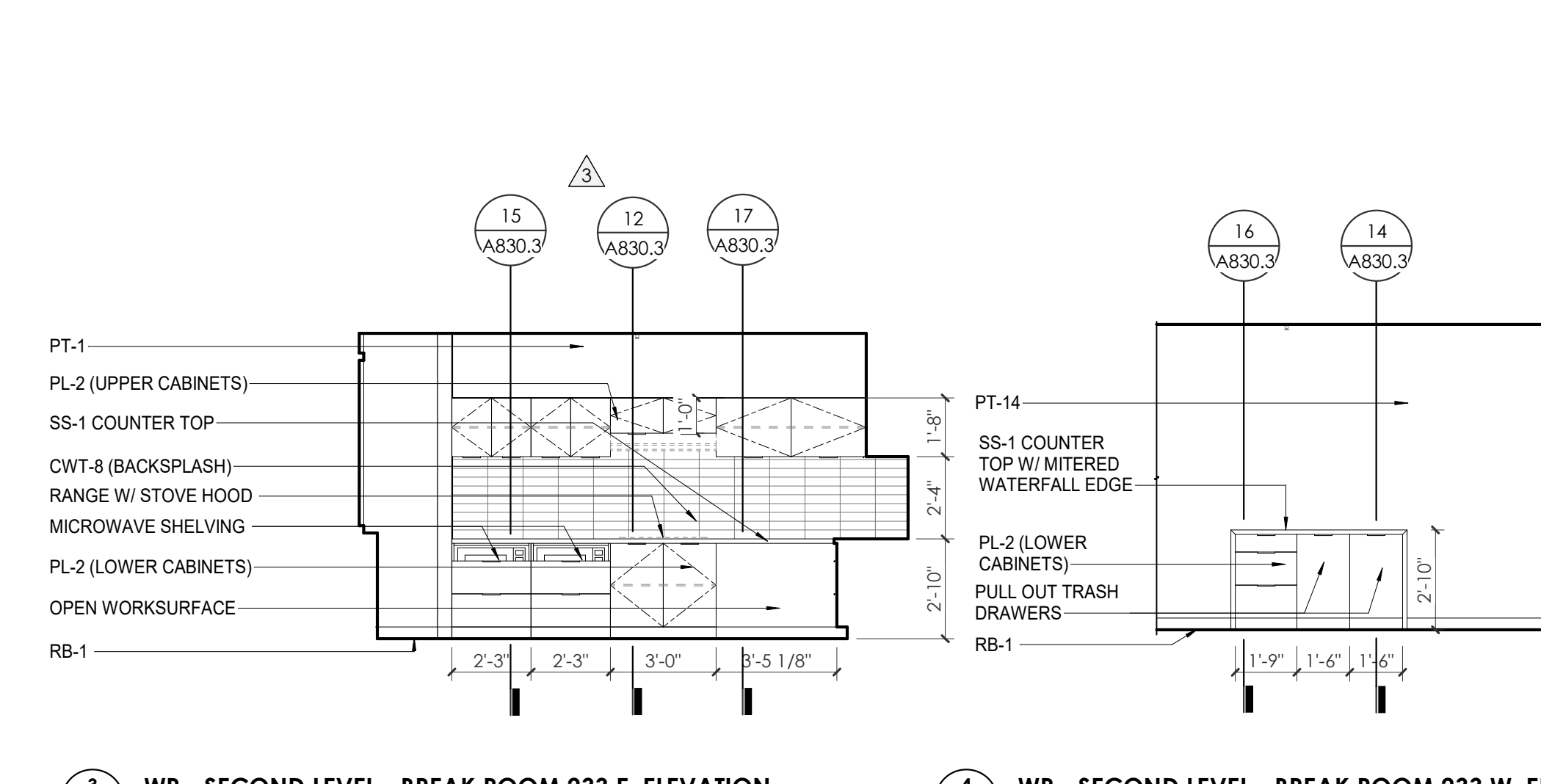
KEY PLAN



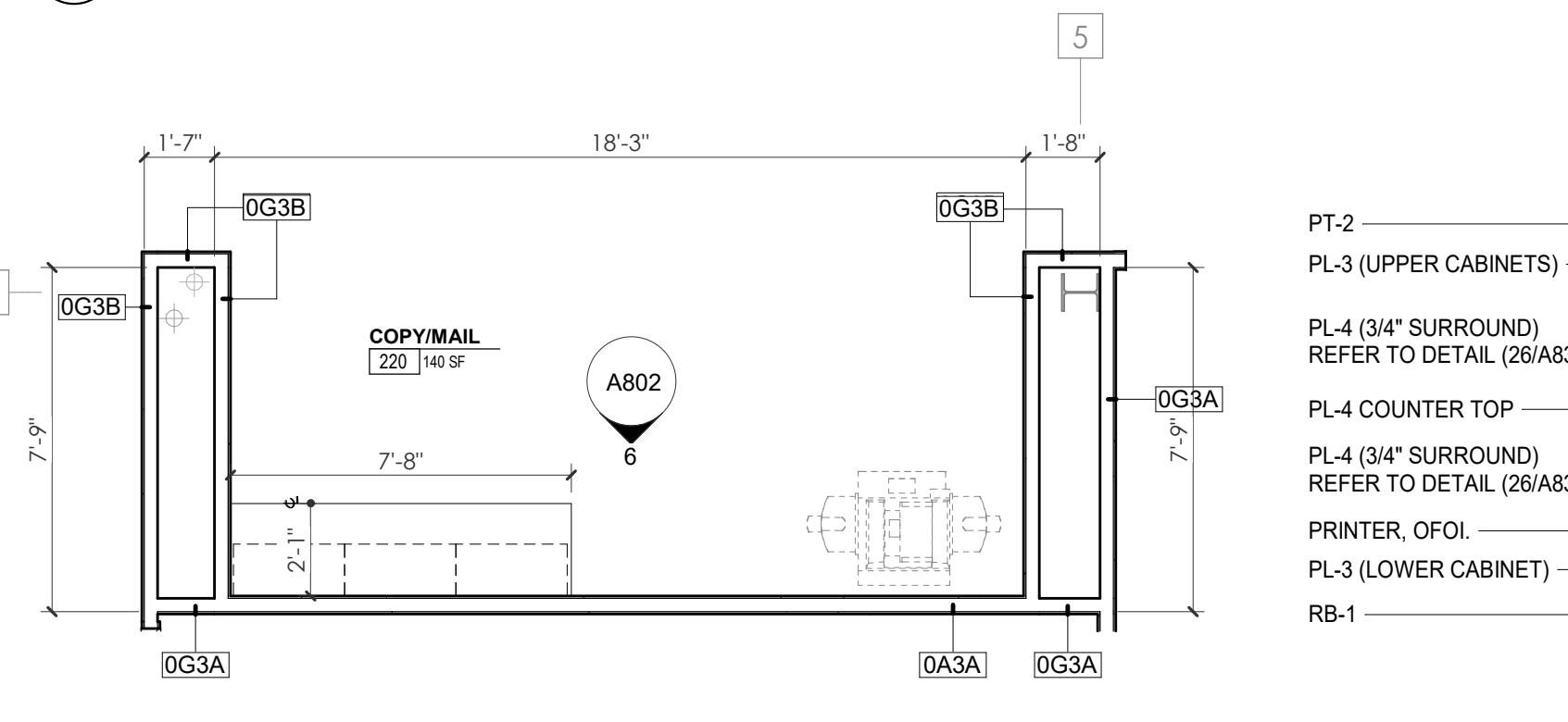
1 ENLARGED PLAN - WP - SECOND LEVEL - BREAK ROOM 233 1/4" = 1'-0"



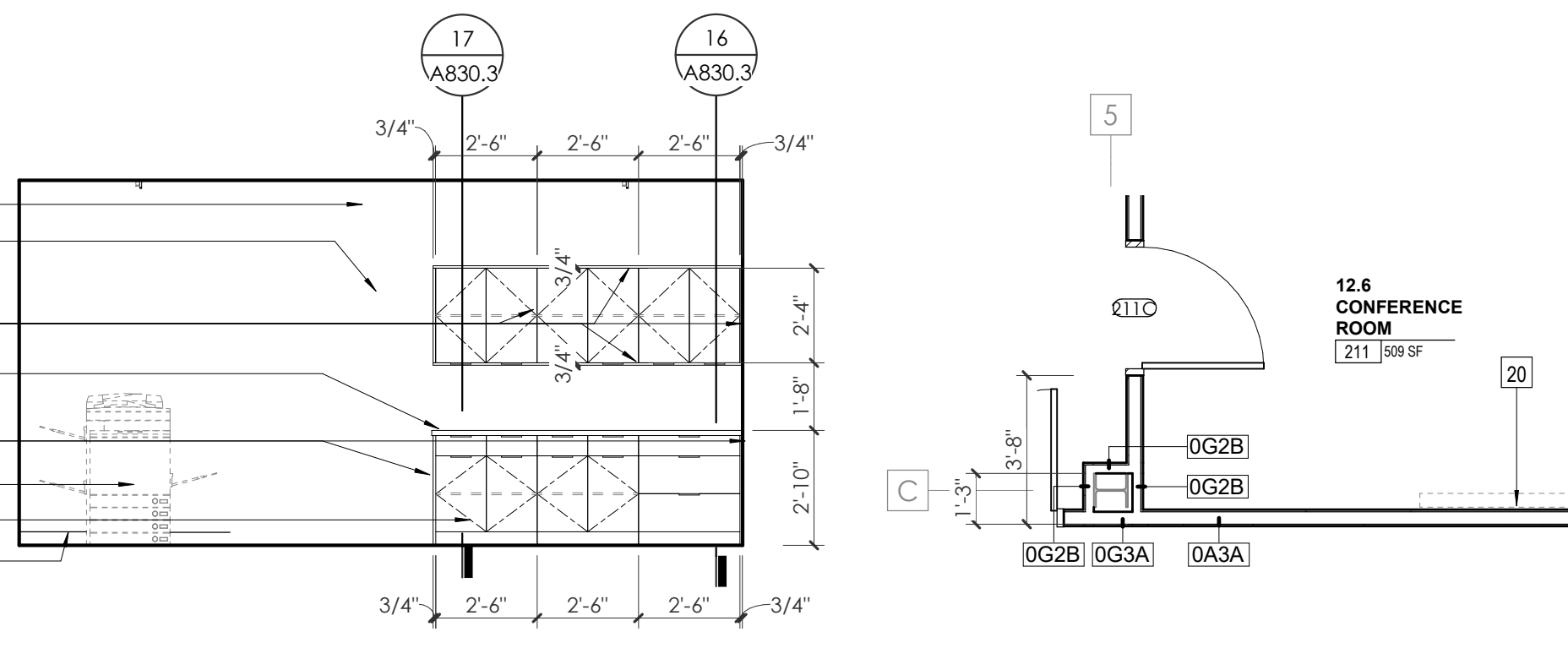
2 WP - SECOND LEVEL - BREAK ROOM 233 S. ELEVATION 1/4" = 1'-0"



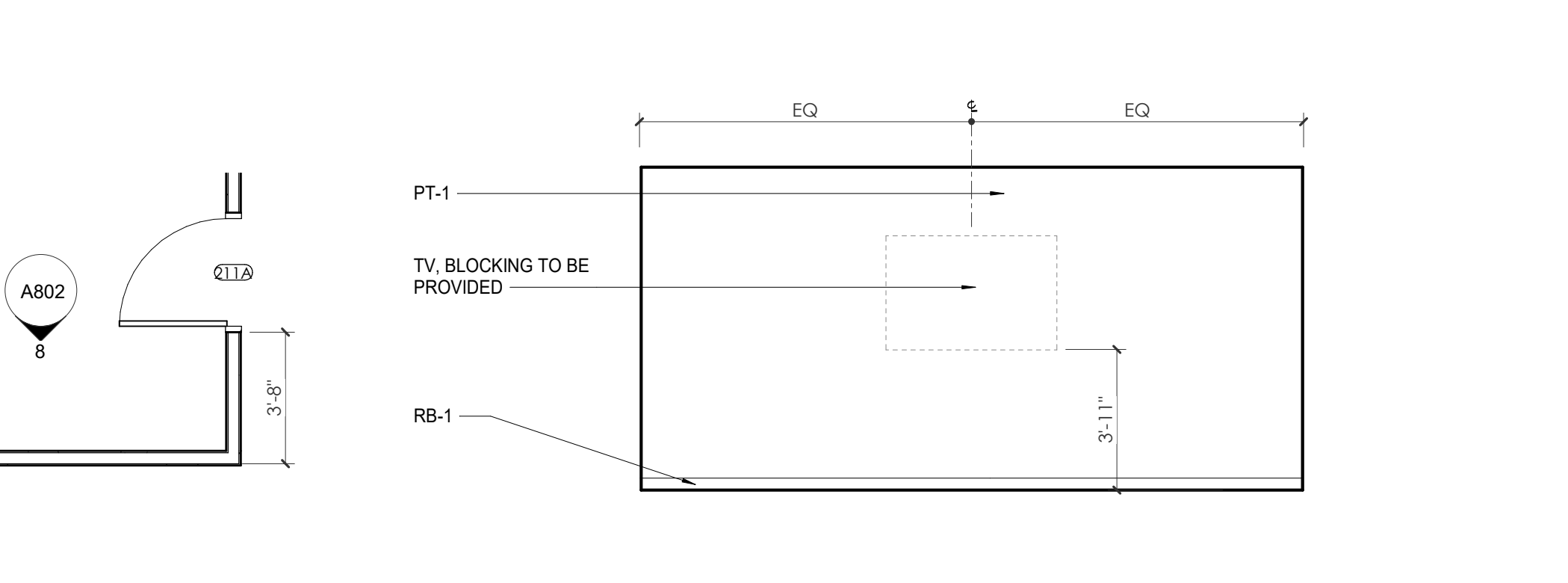
3 WP - SECOND LEVEL - BREAK ROOM 233 E. ELEVATION 1/4" = 1'-0"
4 WP - SECOND LEVEL - BREAK ROOM 233 W. ELEV 1/4" = 1'-0"



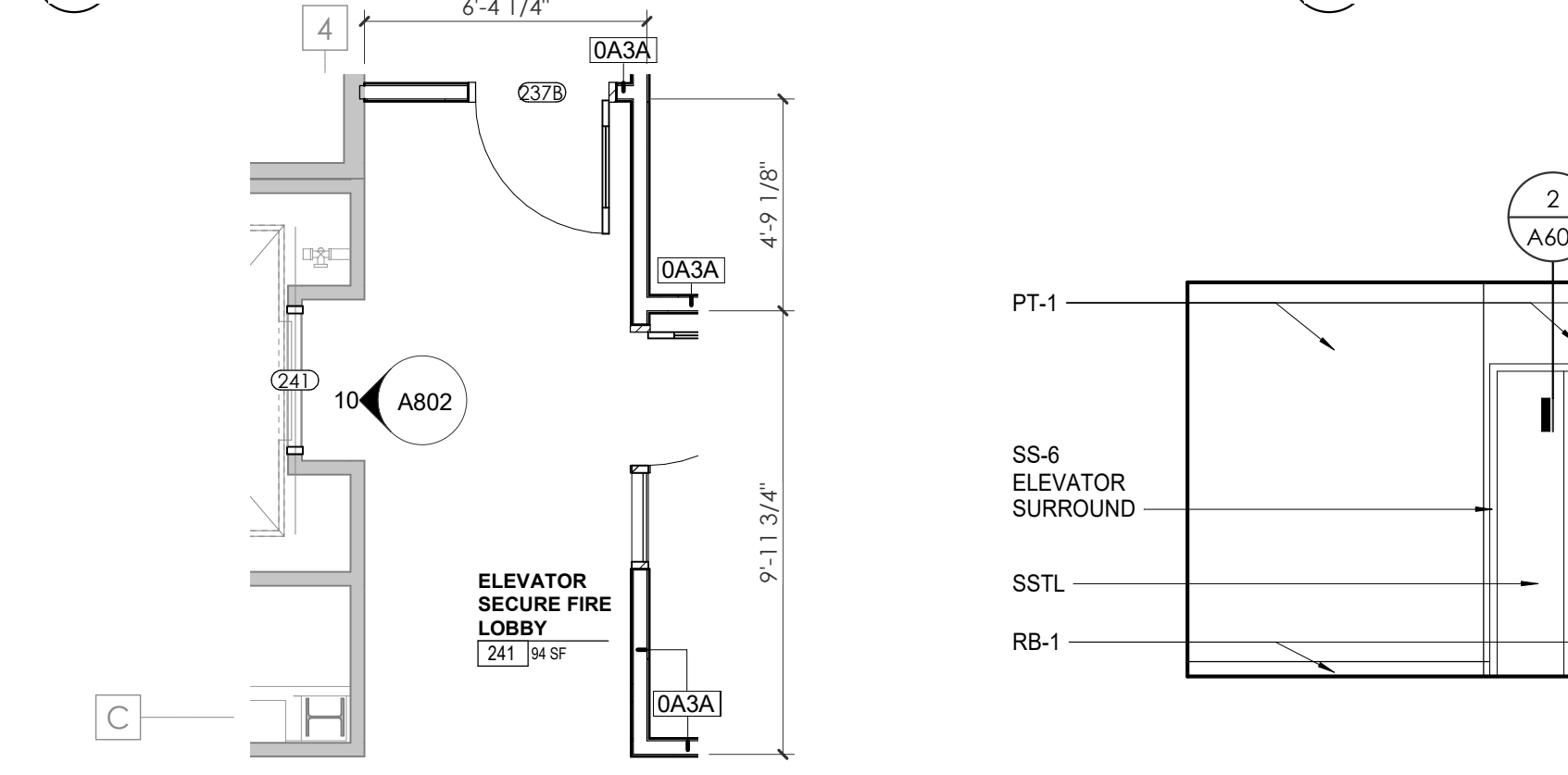
5 ENLARGED PLAN - WP - SECOND LEVEL - COPY/MAIL RM 220 1/4" = 1'-0"



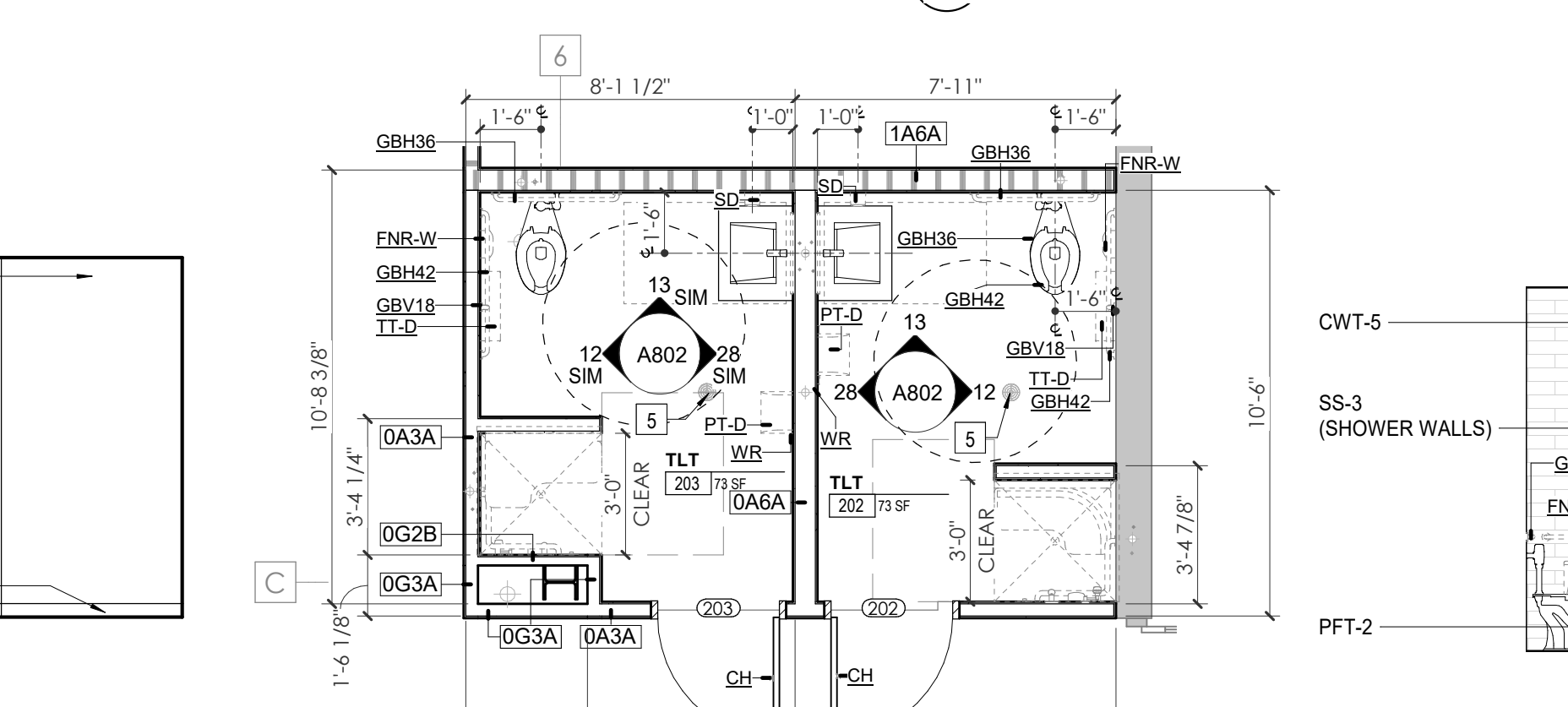
6 WP - SECOND LEVEL - COPY/MAIL 220 S. ELEVATION 1/4" = 1'-0"



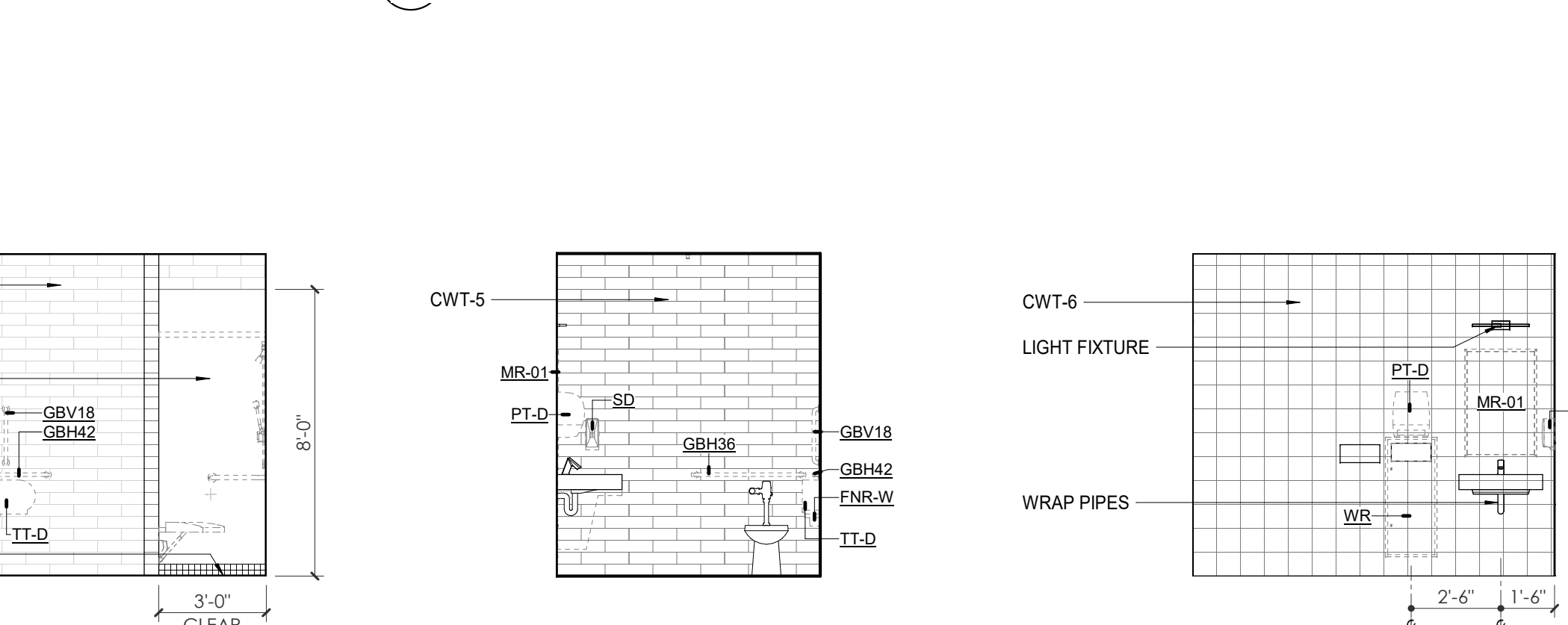
7 ENLARGED PLAN - WP - SECOND LEVEL - CONFERENCE ROOM 211 1/4" = 1'-0"
8 WP - SECOND LEVEL - CONFERENCE ROOM 211 S. ELEVATION 1/4" = 1'-0"



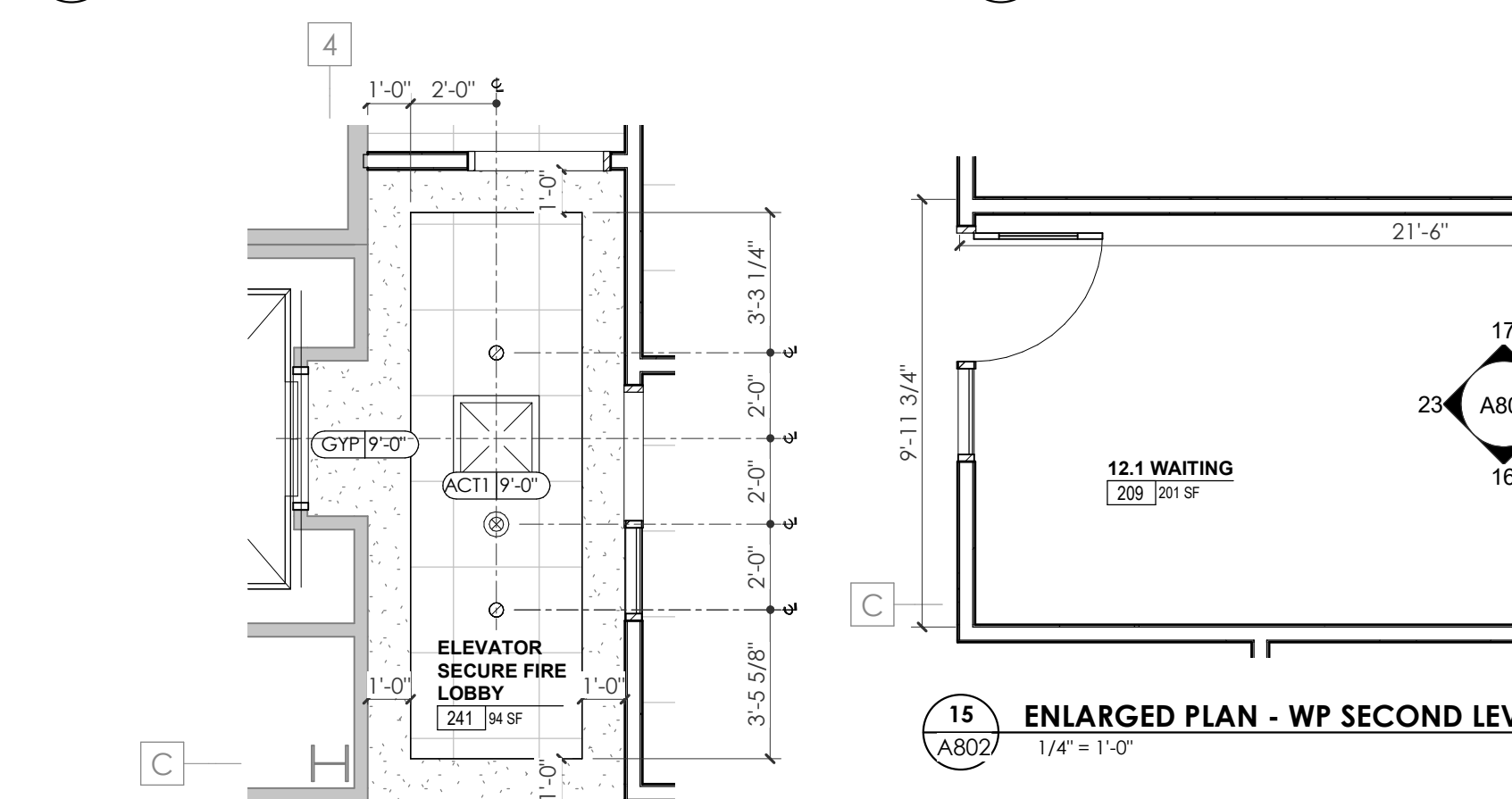
9 ENLARGED PLAN - WP SECOND LEVEL - ELEVATOR LOBBY 1/4" = 1'-0"



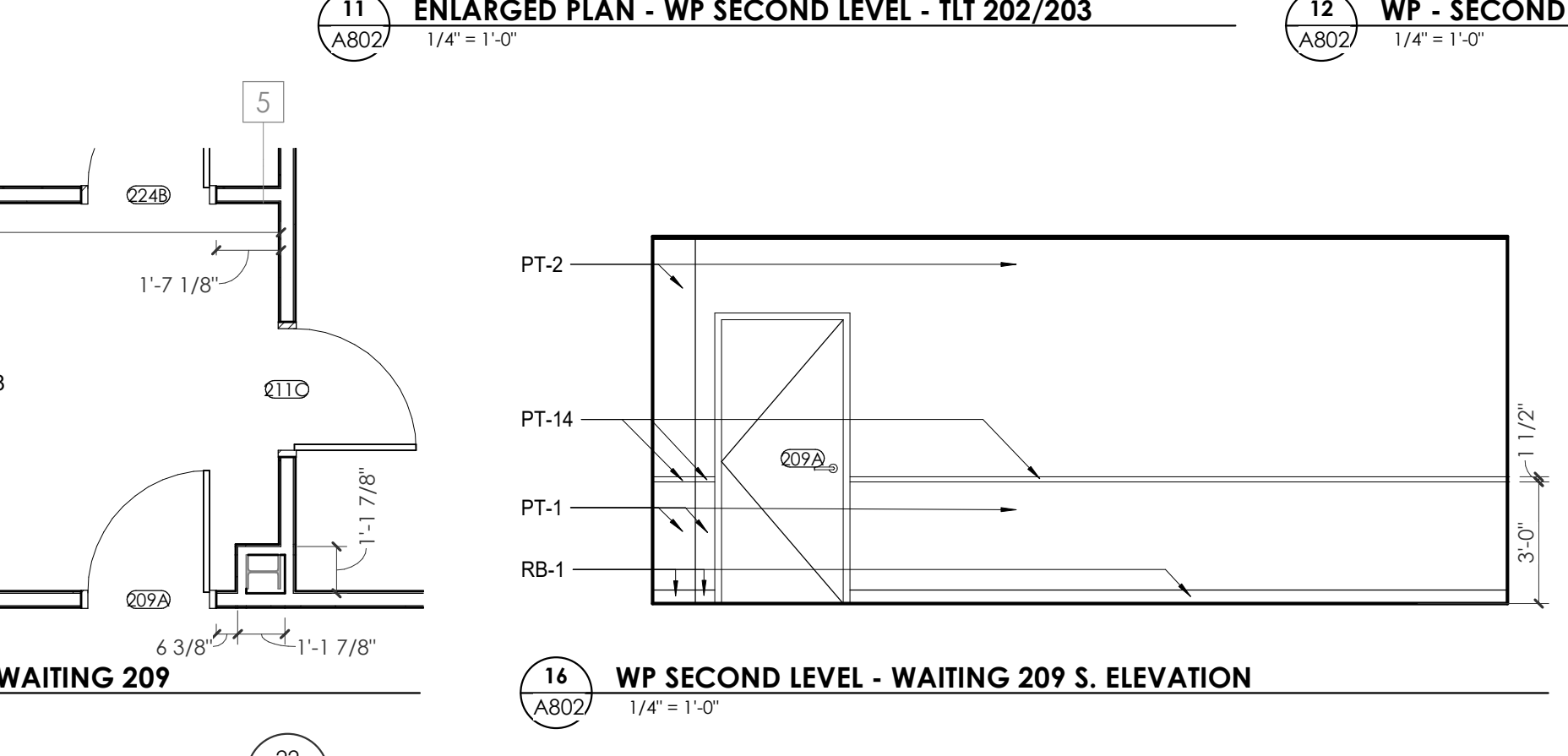
11 ENLARGED PLAN - WP SECOND LEVEL - TLT 202/203 1/4" = 1'-0"
12 WP - SECOND LEVEL - TLT 202 E. ELEVATION 1/4" = 1'-0"



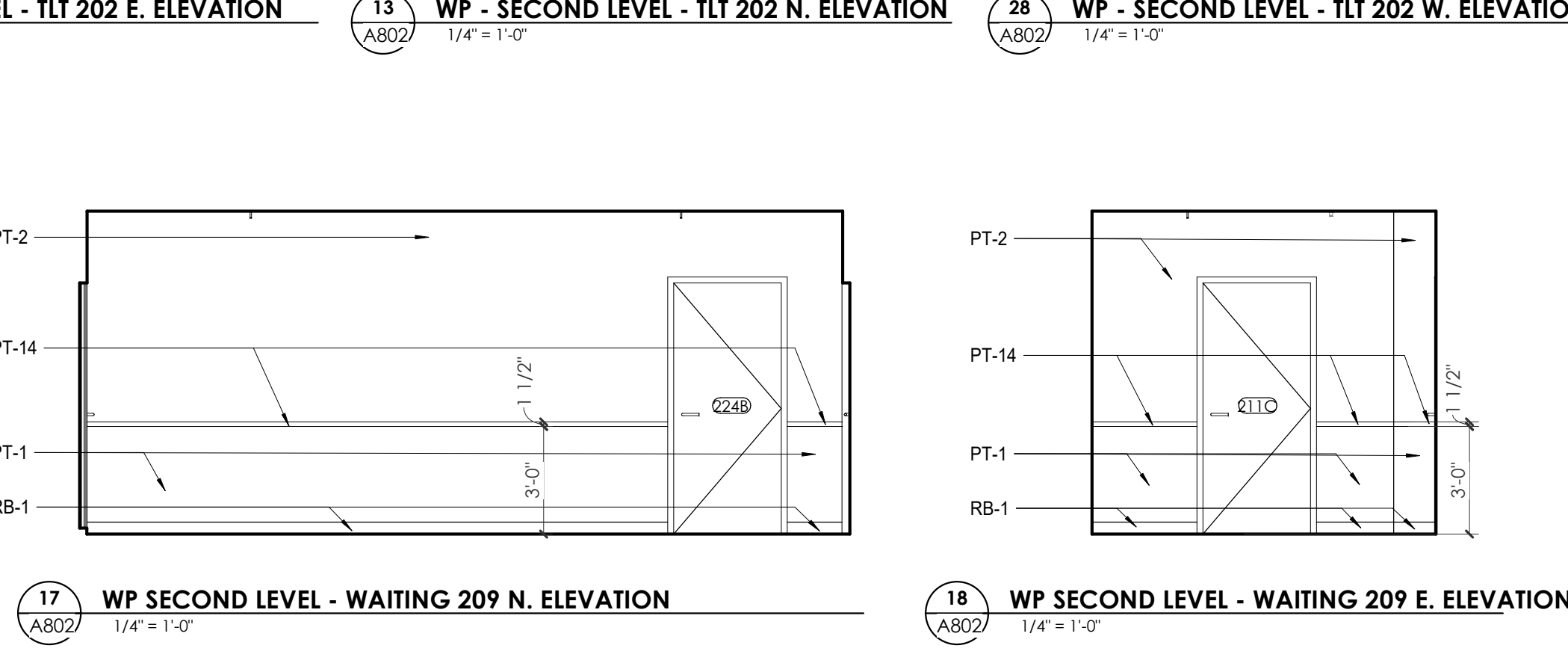
13 WP - SECOND LEVEL - TLT 202 N. ELEVATION 1/4" = 1'-0"
14 WP - SECOND LEVEL - TLT 202 W. ELEVATION 1/4" = 1'-0"



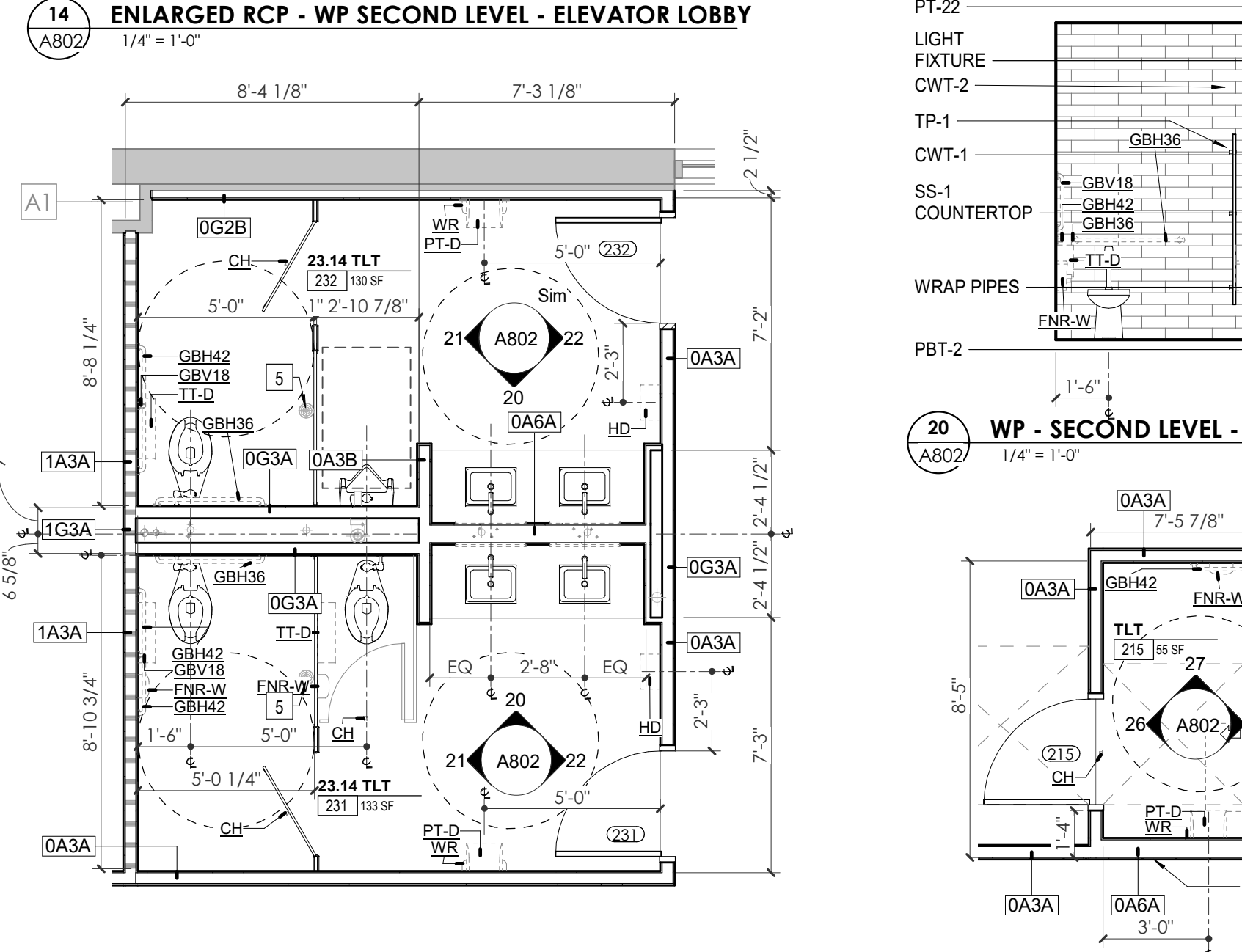
15 ENLARGED PLAN - WP SECOND LEVEL - WAITING 209 1/4" = 1'-0"



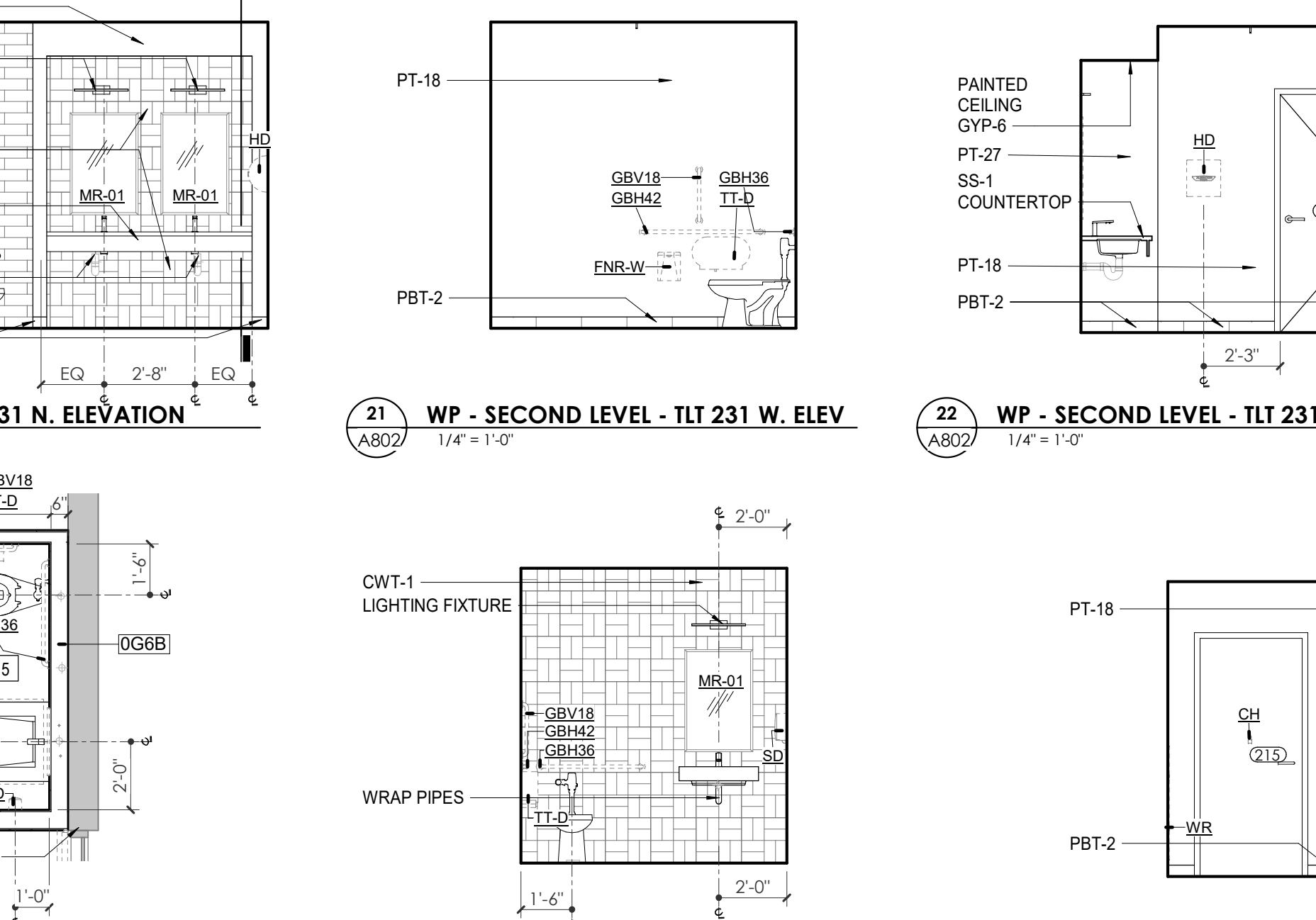
16 WP SECOND LEVEL - WAITING 209 S. ELEVATION 1/4" = 1'-0"
17 WP SECOND LEVEL - WAITING 209 N. ELEVATION 1/4" = 1'-0"



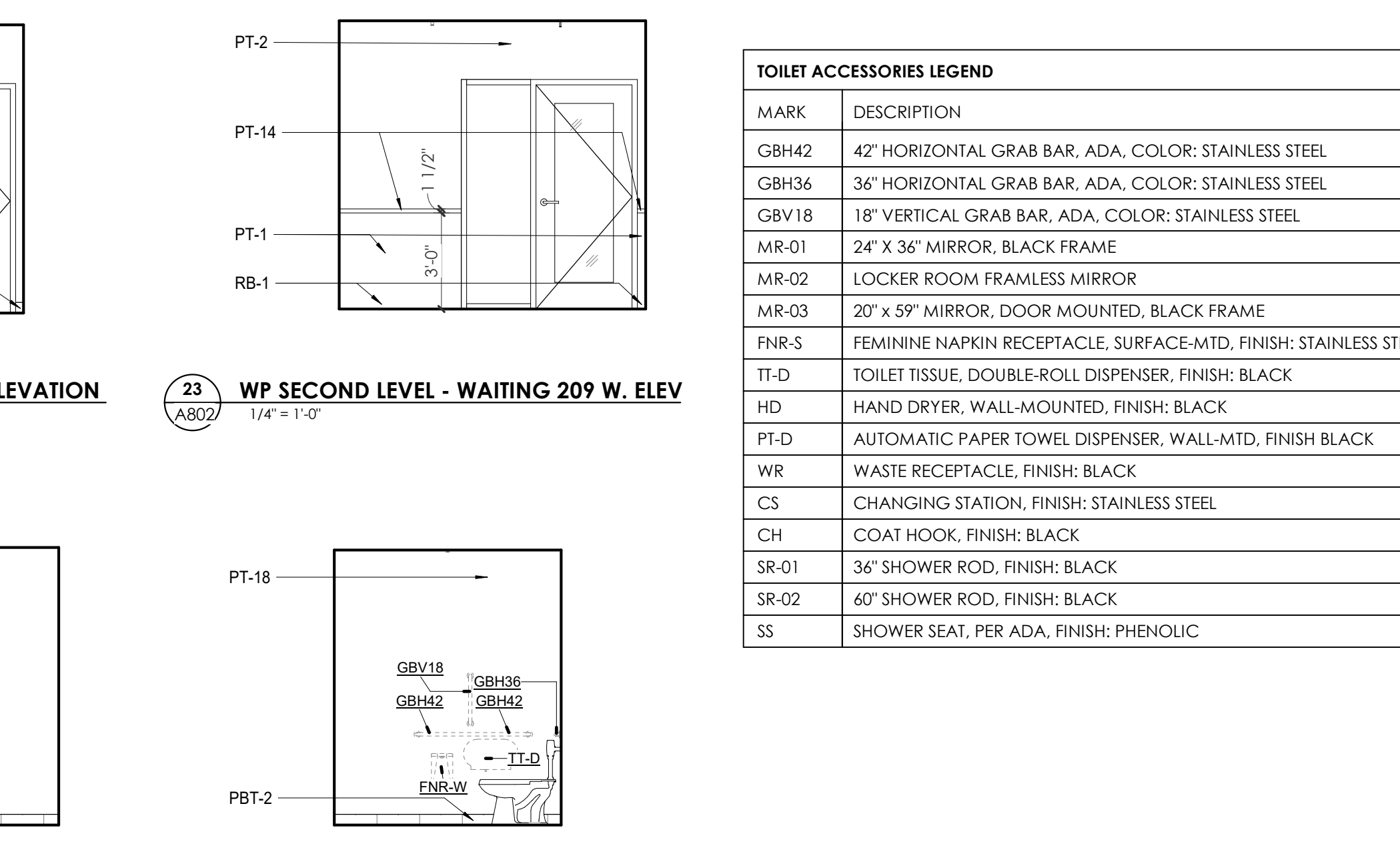
18 WP SECOND LEVEL - WAITING 209 E. ELEVATION 1/4" = 1'-0"



19 ENLARGED PLAN - WP SECOND LEVEL - TLT 231/232 1/4" = 1'-0"



20 WP - SECOND LEVEL - TLT 231 N. ELEVATION 1/4" = 1'-0"
21 WP - SECOND LEVEL - TLT 231 W. ELEV 1/4" = 1'-0"
22 WP - SECOND LEVEL - TLT 231 E. ELEVATION 1/4" = 1'-0"



23 WP SECOND LEVEL - WAITING 209 W. ELEV 1/4" = 1'-0"
24 ENLARGED PLAN - WP SECOND LEVEL - TLT 215 1/4" = 1'-0"
25 WP - SECOND LEVEL - TLT 215 E. ELEVATION 1/4" = 1'-0"
26 WP - SECOND LEVEL - TLT 215 W. ELEVATION 1/4" = 1'-0"
27 WP - SECOND LEVEL - TLT 215 N. ELEVATION 1/4" = 1'-0"



Project Information:

19018

COK SAFETY BUILDING

900 East Oak Hill Ave, Knoxville, TN

Scale:



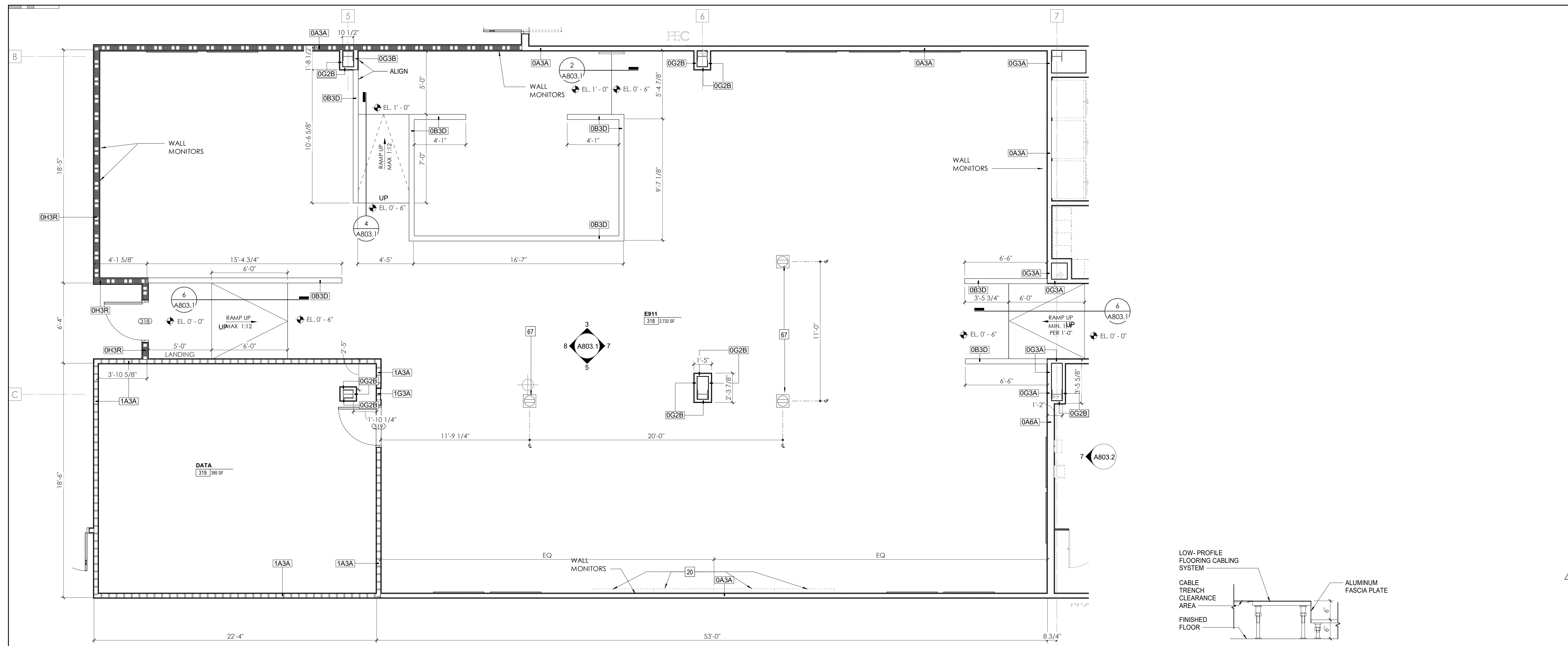
Consultant: Architects Design Group

Table with columns: #, ISSUE, DATE. Contains entries for issue #2, #3, and #4.

Table with columns: Issue Date, PIC, PM, PA, Drawn By, Checked By. Lists project team members.

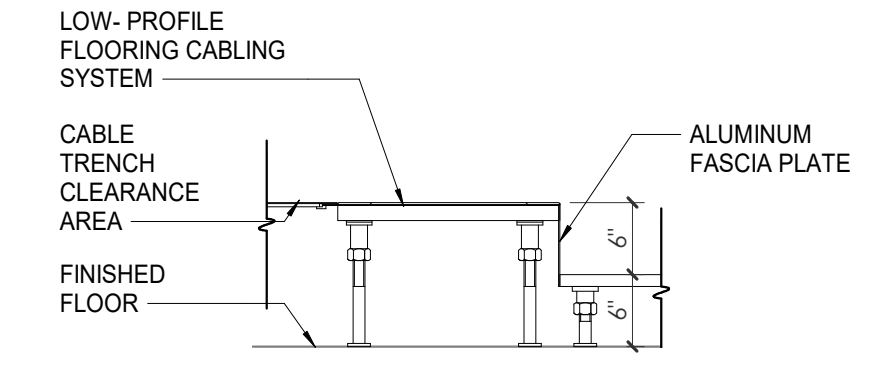
A803.1

WP - ENLARGED PLANS AND ELEVATIONS - THIRD LEVEL

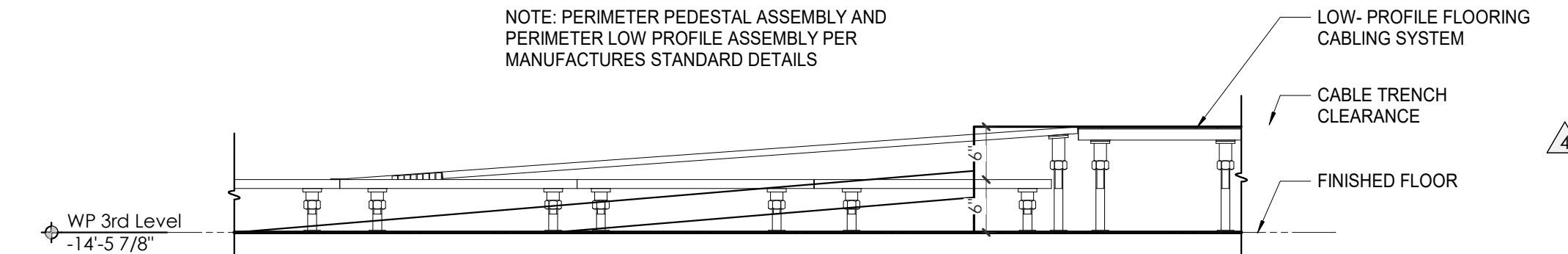


WALL LEGEND table defining line styles for 2 HR PARTITION, 1 HR PARTITION, BALLISTIC LEVEL 3 PARTITION, NEW PARTITION, EXISTING PARTITION, and EXISTING PARTITION TO BE DEMOLISHED.

KEYNOTES - FLOOR PLANS table listing 71 items such as SOFFIT ABOVE, EXISTING EGRESS STAIR, and various equipment and material specifications.



2 RAISED FLOOR STAIR DETAIL

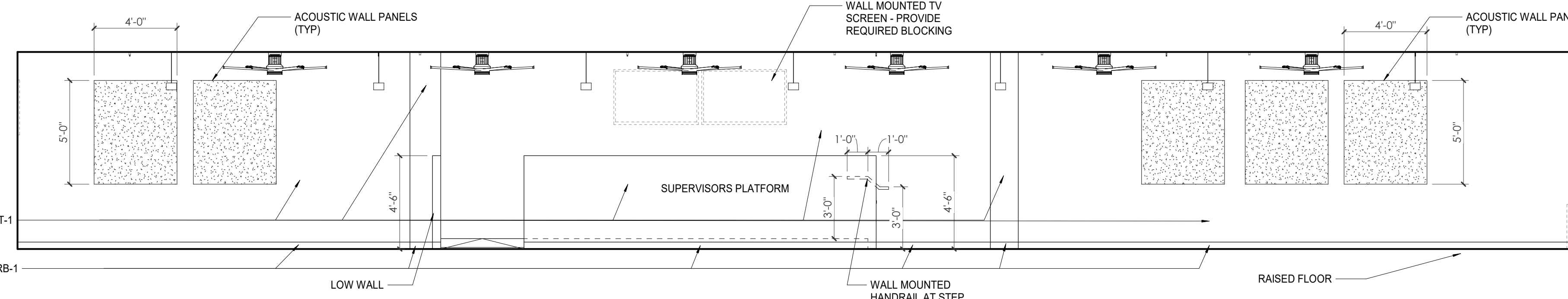


4 RAISED FLOOR PLATFORM RAMP DETAIL

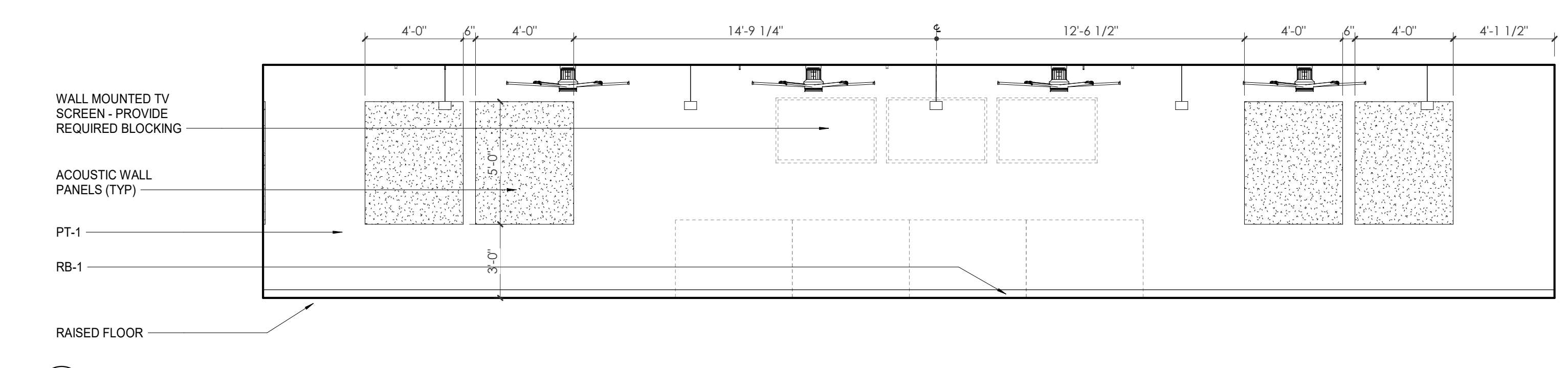


8 RAISED FLOOR RAMP DETAIL

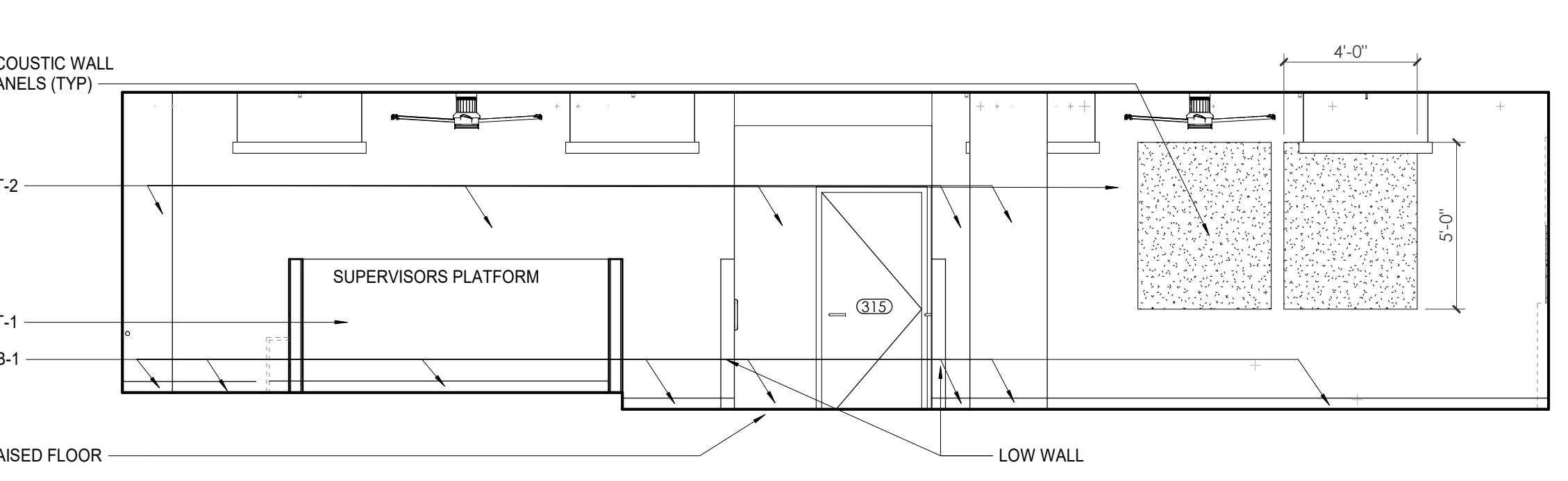
1 ENLARGED PLAN E911 DISPATCH 318



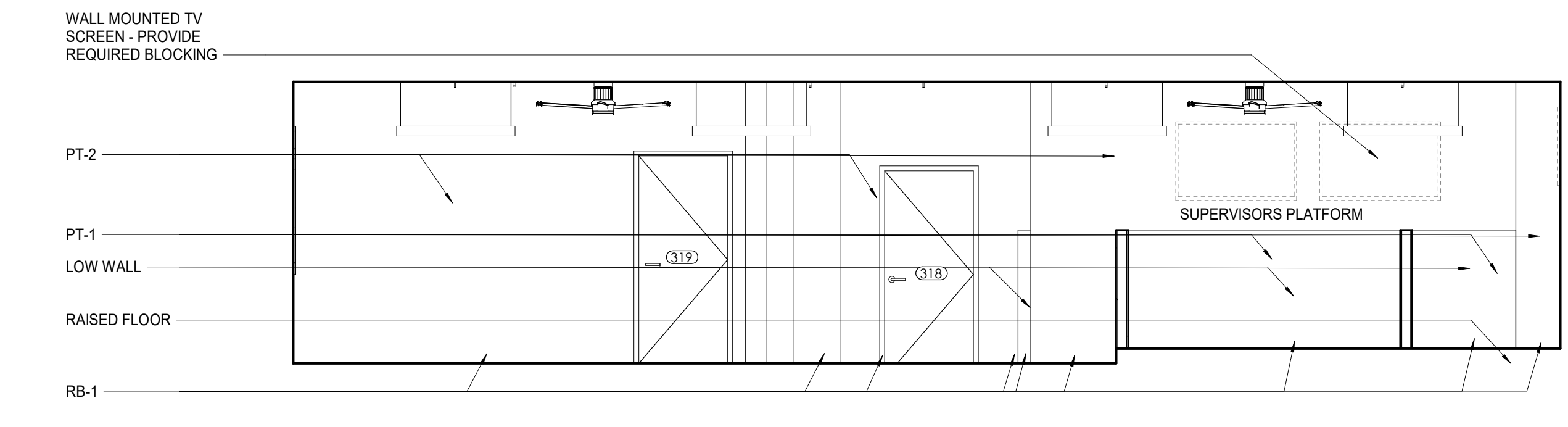
3 WP LEVEL 3 - E911 DISPATCH 318 - N. ELEVATION



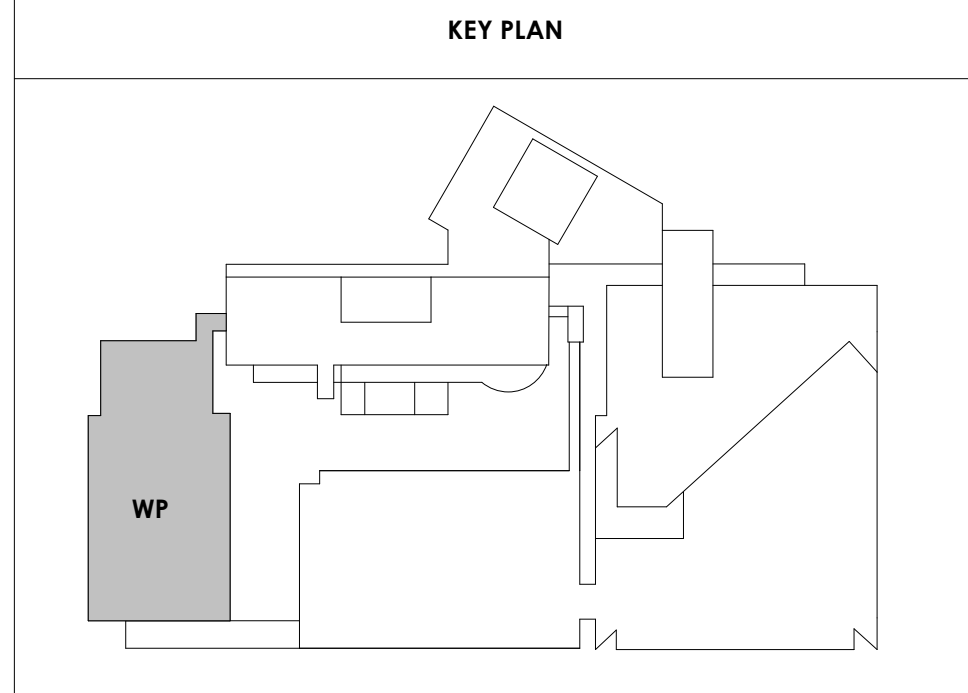
5 WP LEVEL 3 - E911 DISPATCH 318 - S. ELEVATION



7 WP LEVEL 3 - E911 DISPATCH 318 - E. ELEVATION



8 WP LEVEL 3 - E911 DISPATCH 318 - W. ELEVATION





Project Information:

19018

COK SAFETY BUILDING

900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:

Architects Design Group

#	ISSUE	DATE
2	ADD #02.1	02/17/21
3	ADD #03.1	02/24/21
4	ADD #04.1	03/03/21

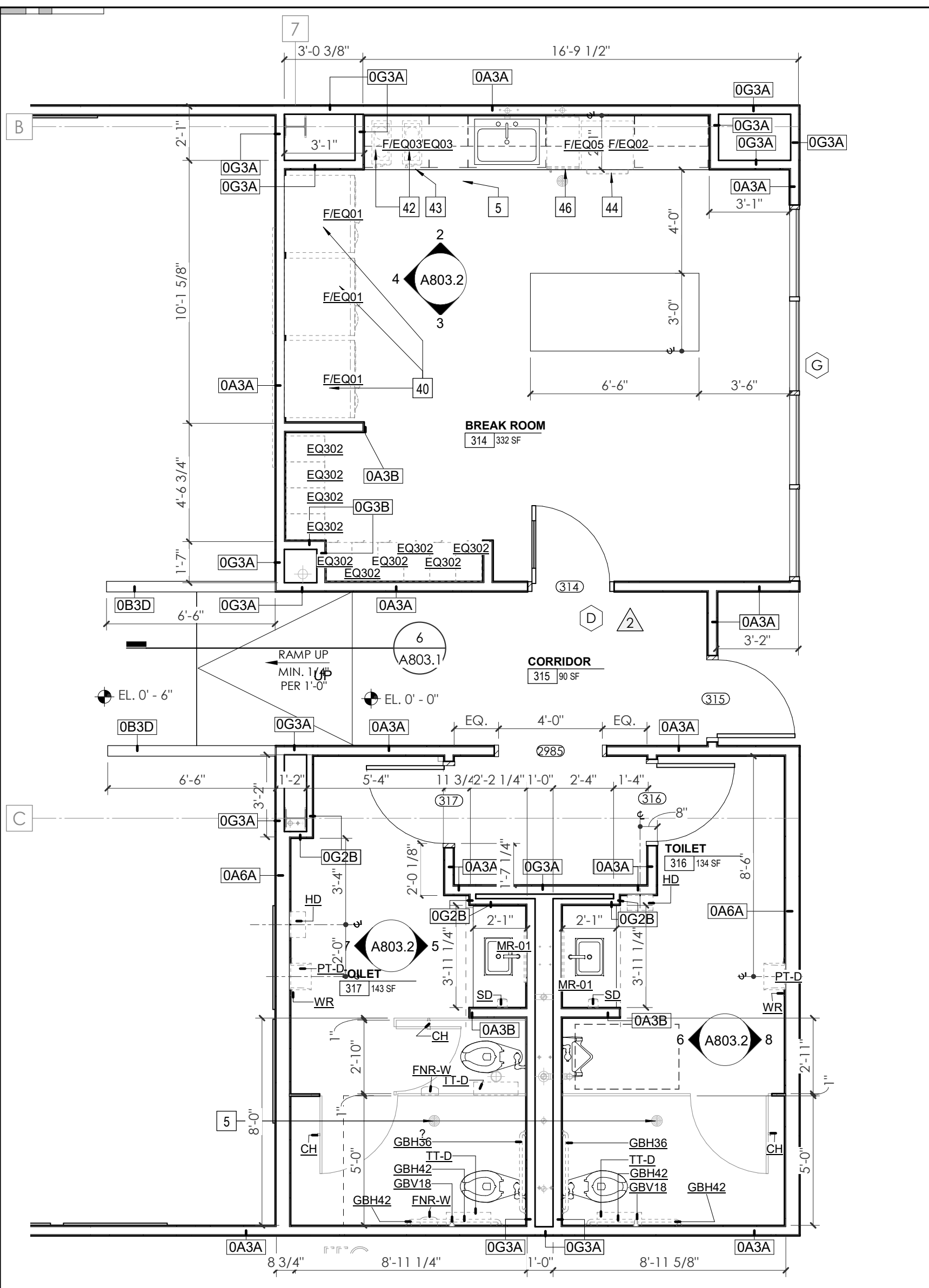
Issue Date: FEBRUARY 1, 2021
PIC: DAVID COLLINS
PM: JOHN THURMAN

PA: LAUREN BUSH /
Drawn By: Author
Checked By: B. PIERCY

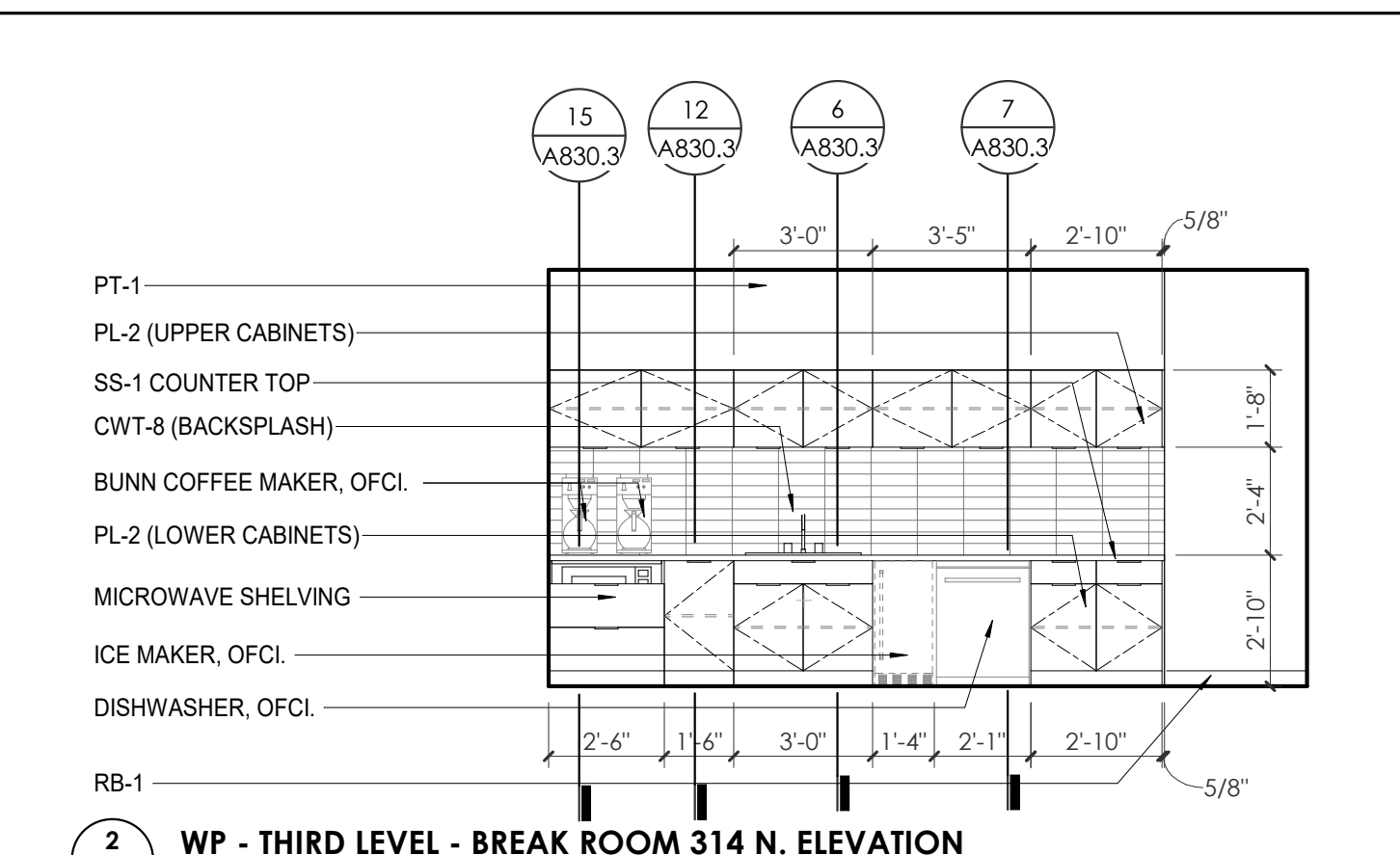
Drawing Info:

A803.2

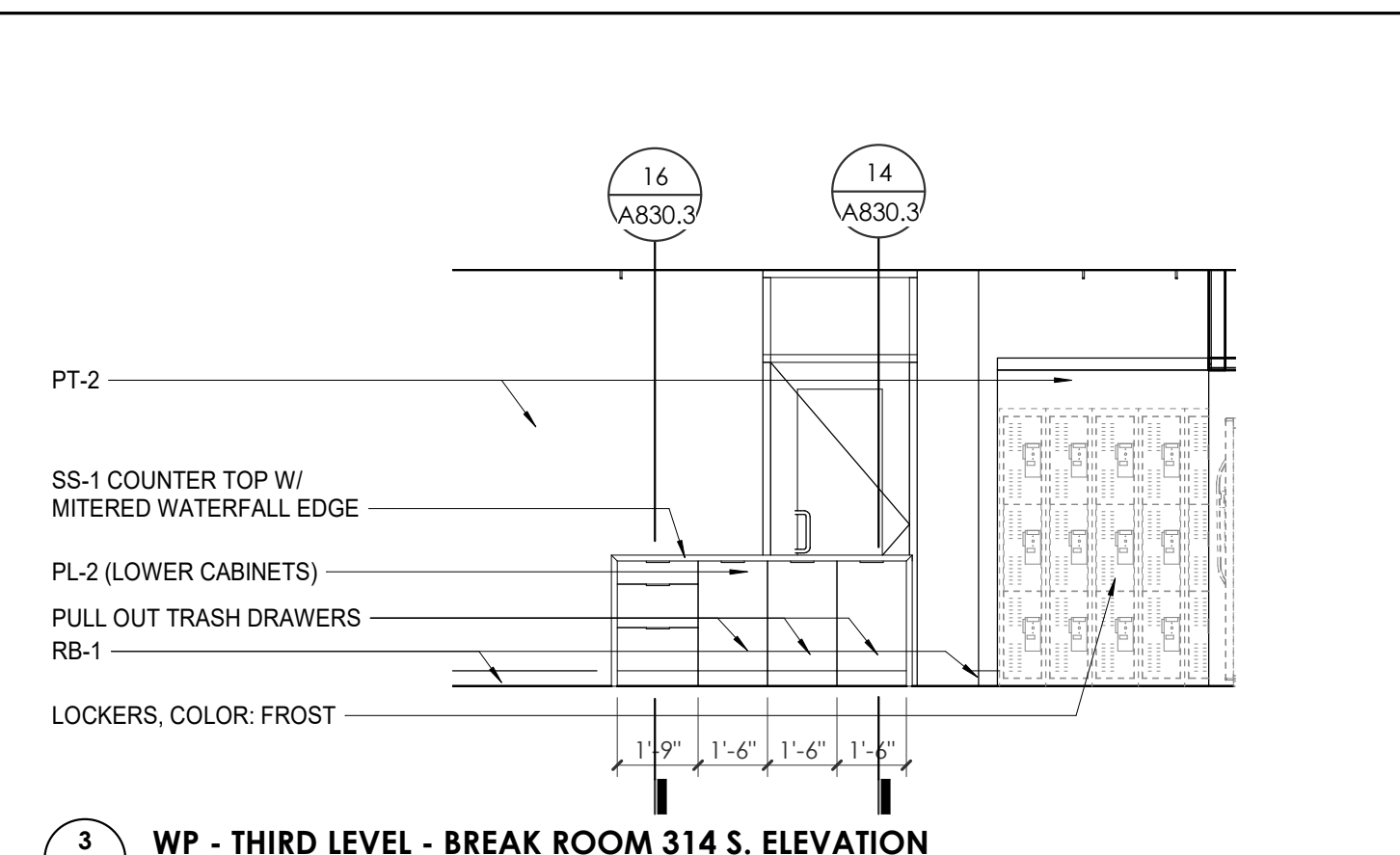
WP - ENLARGED PLANS AND ELEVATIONS - THIRD LEVEL



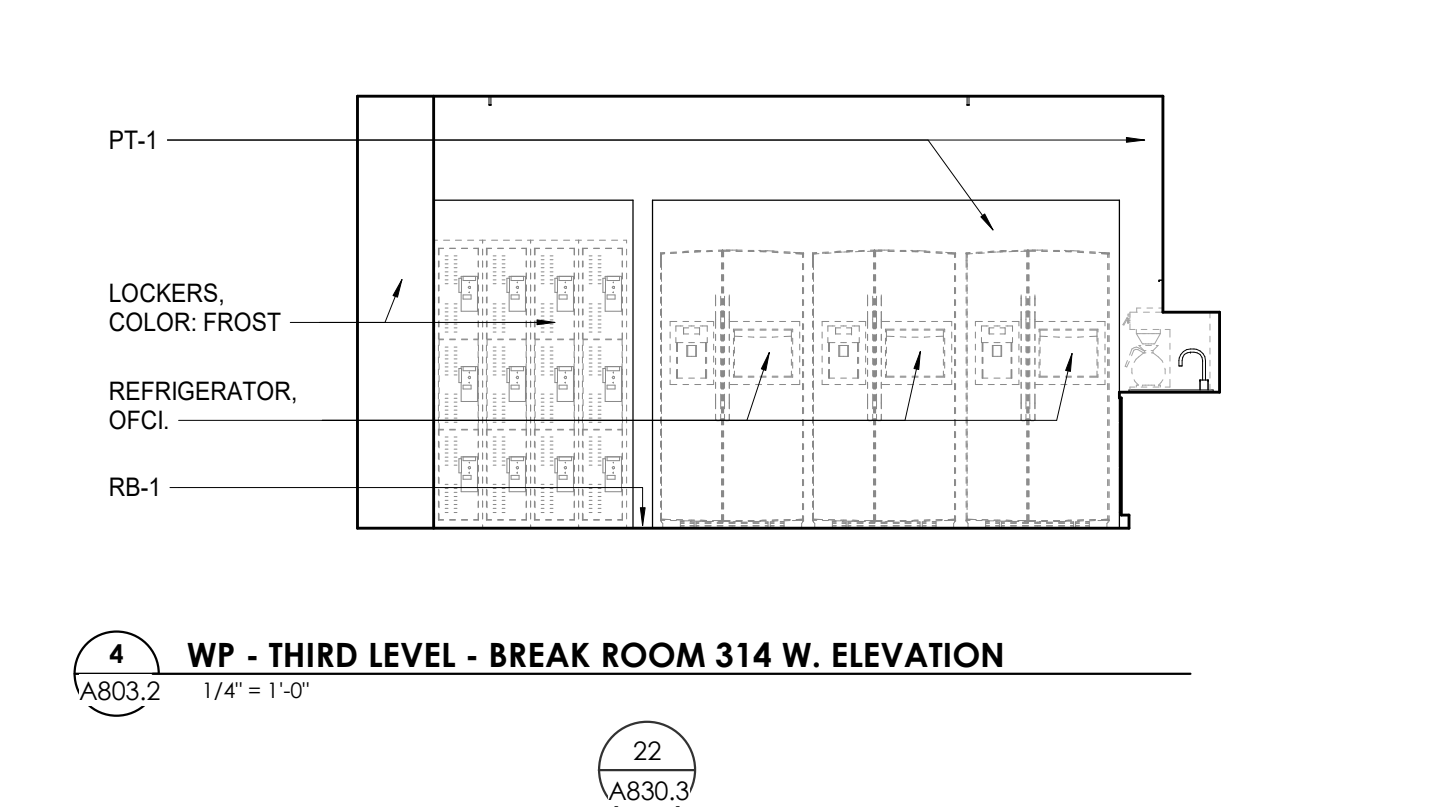
1 ENLARGED PLAN - WP - THIRD LEVEL - BREAK ROOM/RR 1/4" = 1'-0"



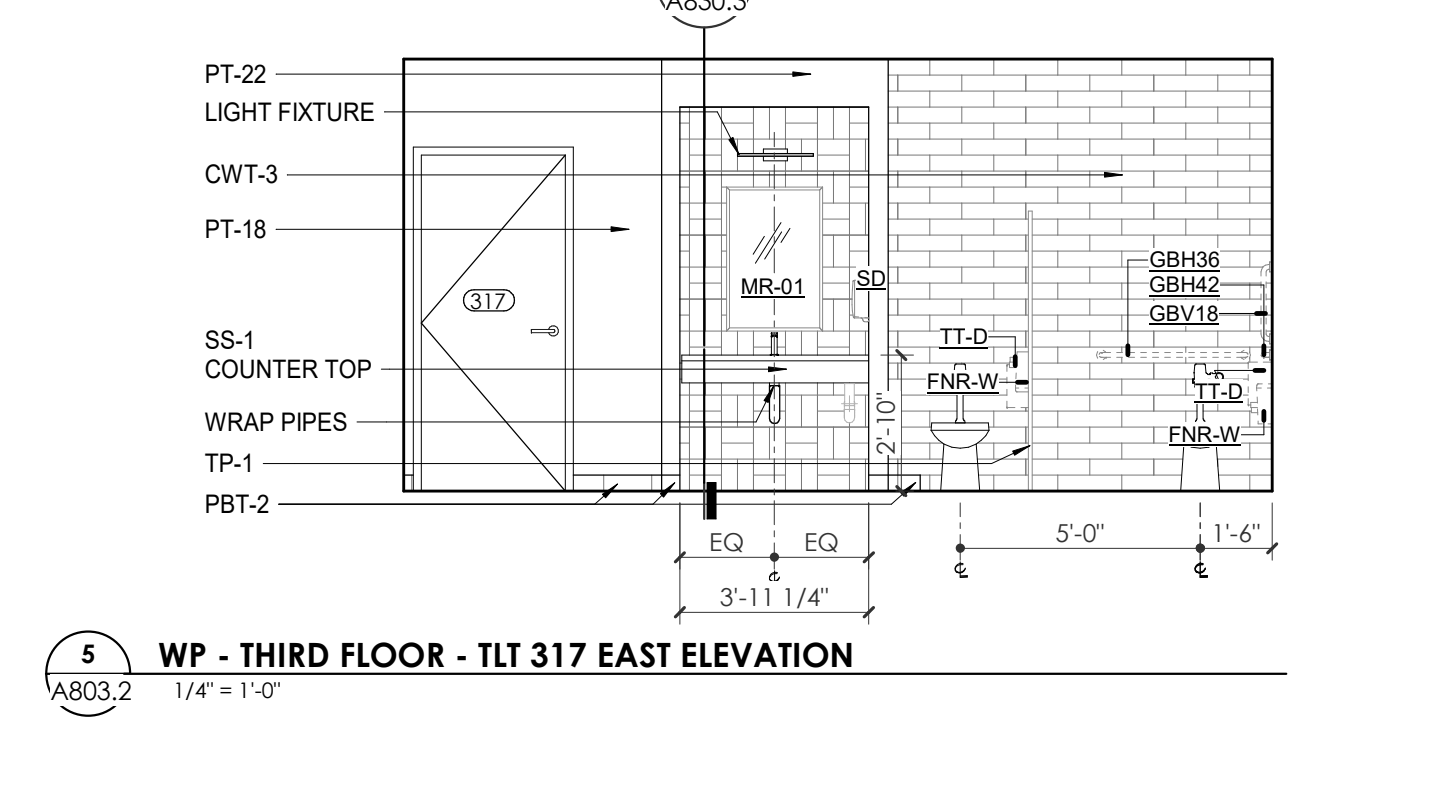
2 WP - THIRD LEVEL - BREAK ROOM 314 N. ELEVATION 1/4" = 1'-0"



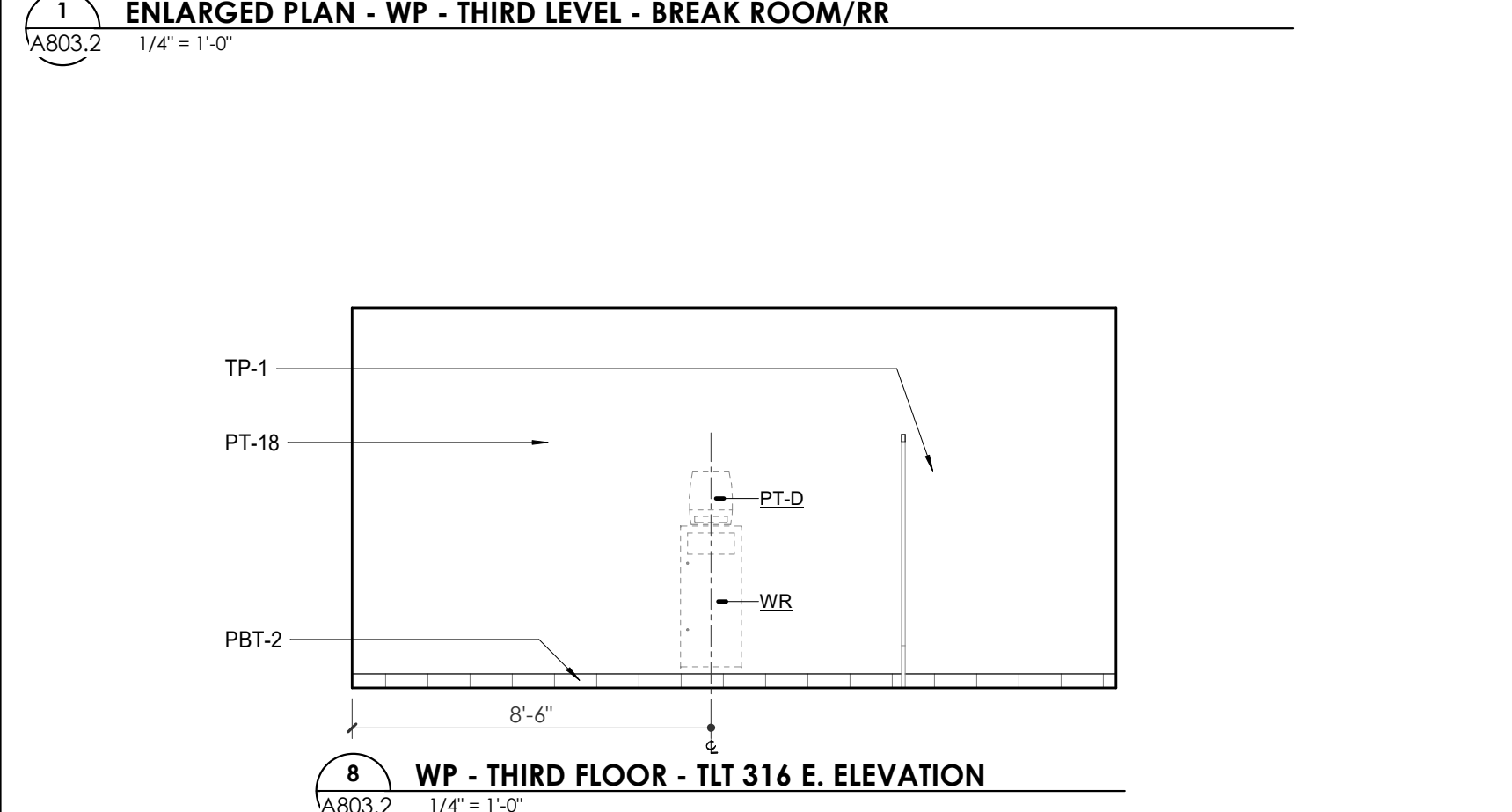
3 WP - THIRD LEVEL - BREAK ROOM 314 S. ELEVATION 1/4" = 1'-0"



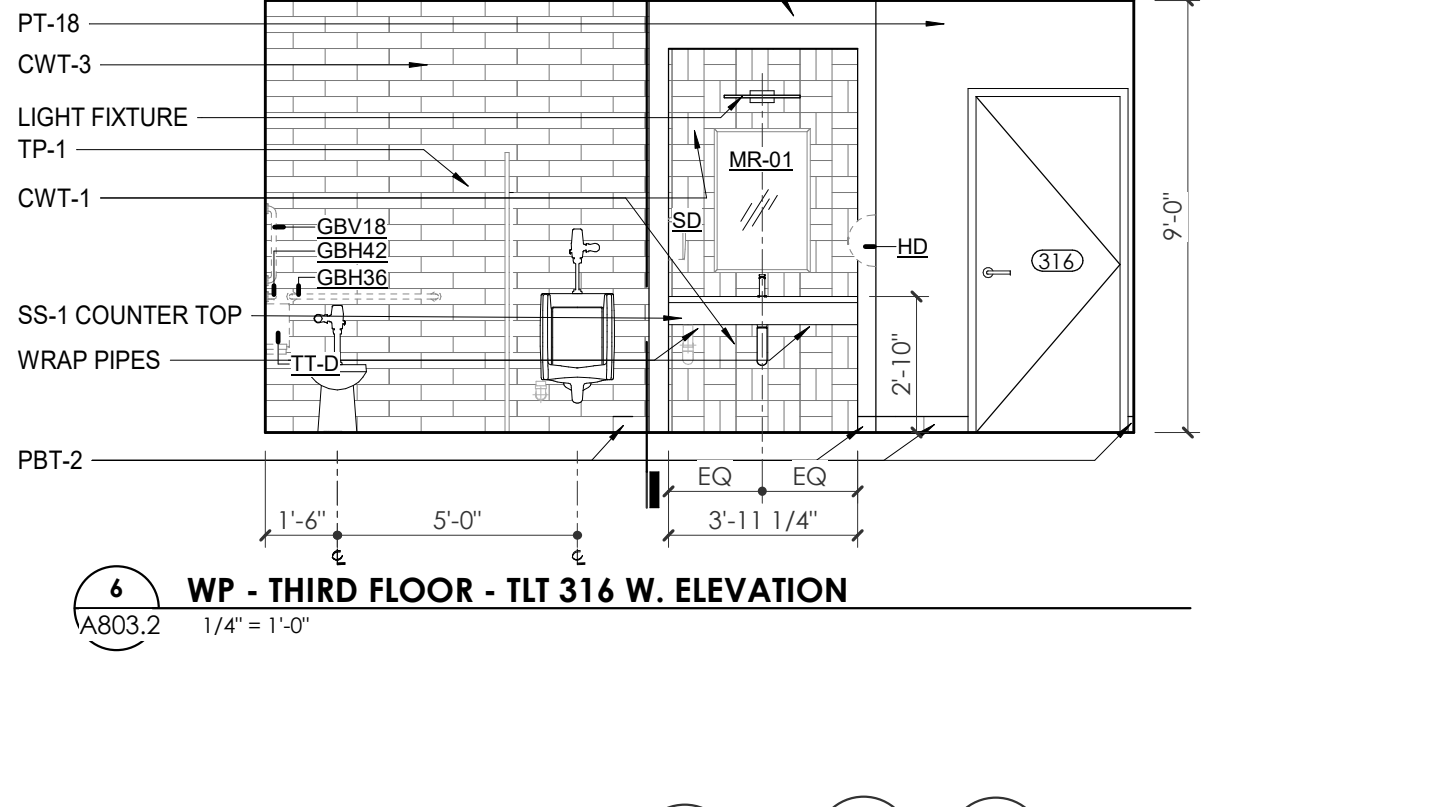
4 WP - THIRD LEVEL - BREAK ROOM 314 W. ELEVATION 1/4" = 1'-0"



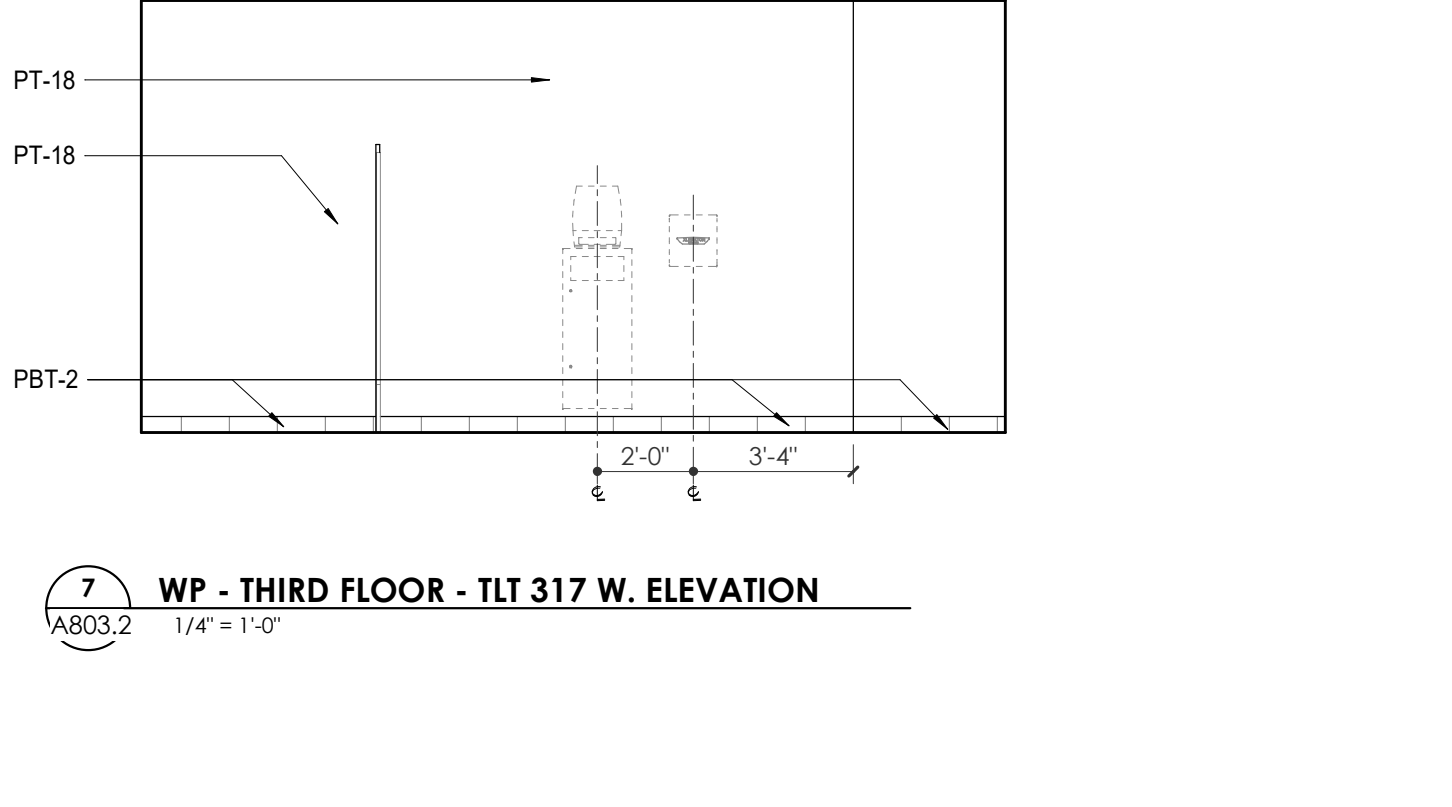
5 WP - THIRD FLOOR - TLT 317 EAST ELEVATION 1/4" = 1'-0"



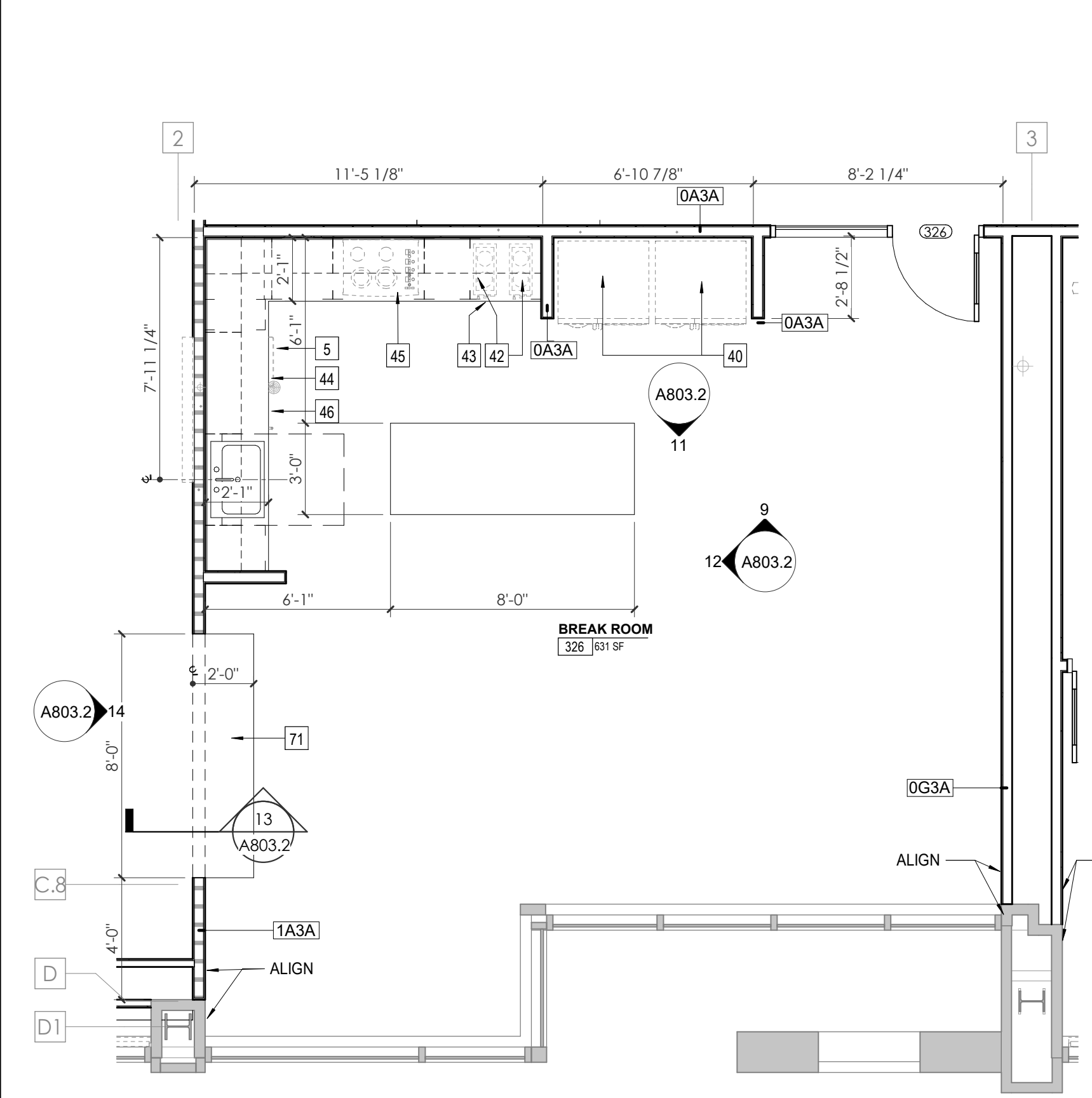
6 WP - THIRD FLOOR - TLT 316 E. ELEVATION 1/4" = 1'-0"



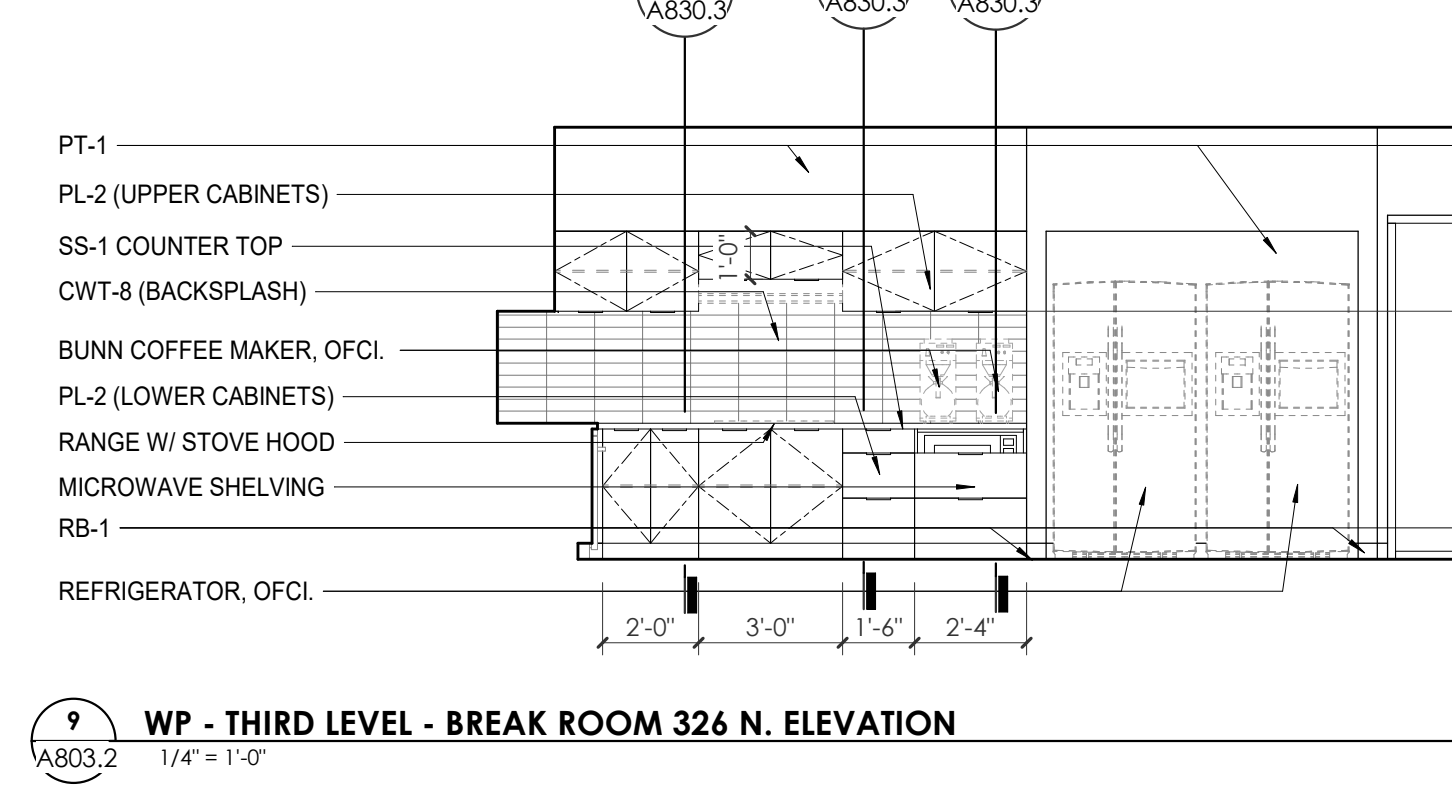
7 WP - THIRD FLOOR - TLT 316 W. ELEVATION 1/4" = 1'-0"



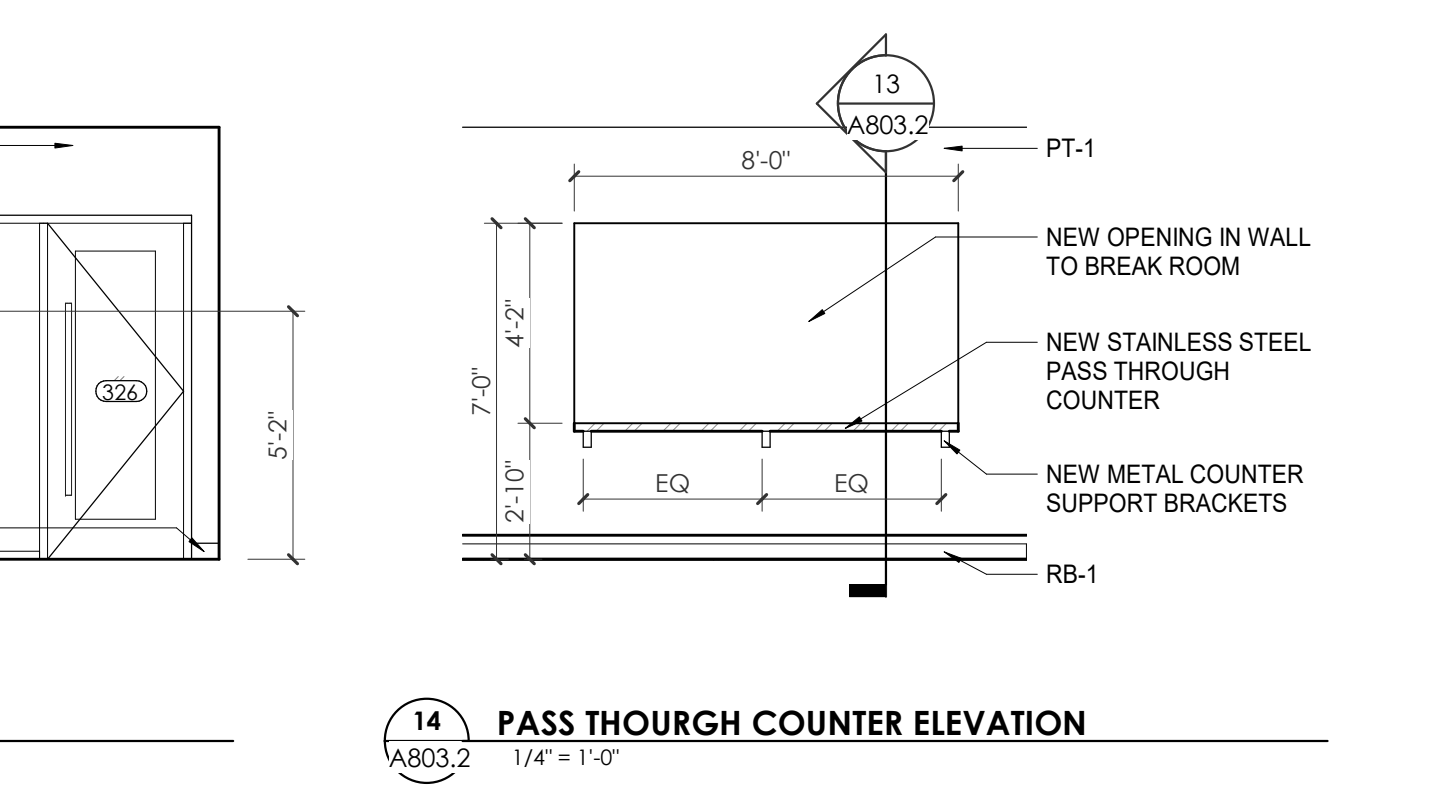
8 WP - THIRD LEVEL - BREAK ROOM 316 S. ELEVATION 1/4" = 1'-0"



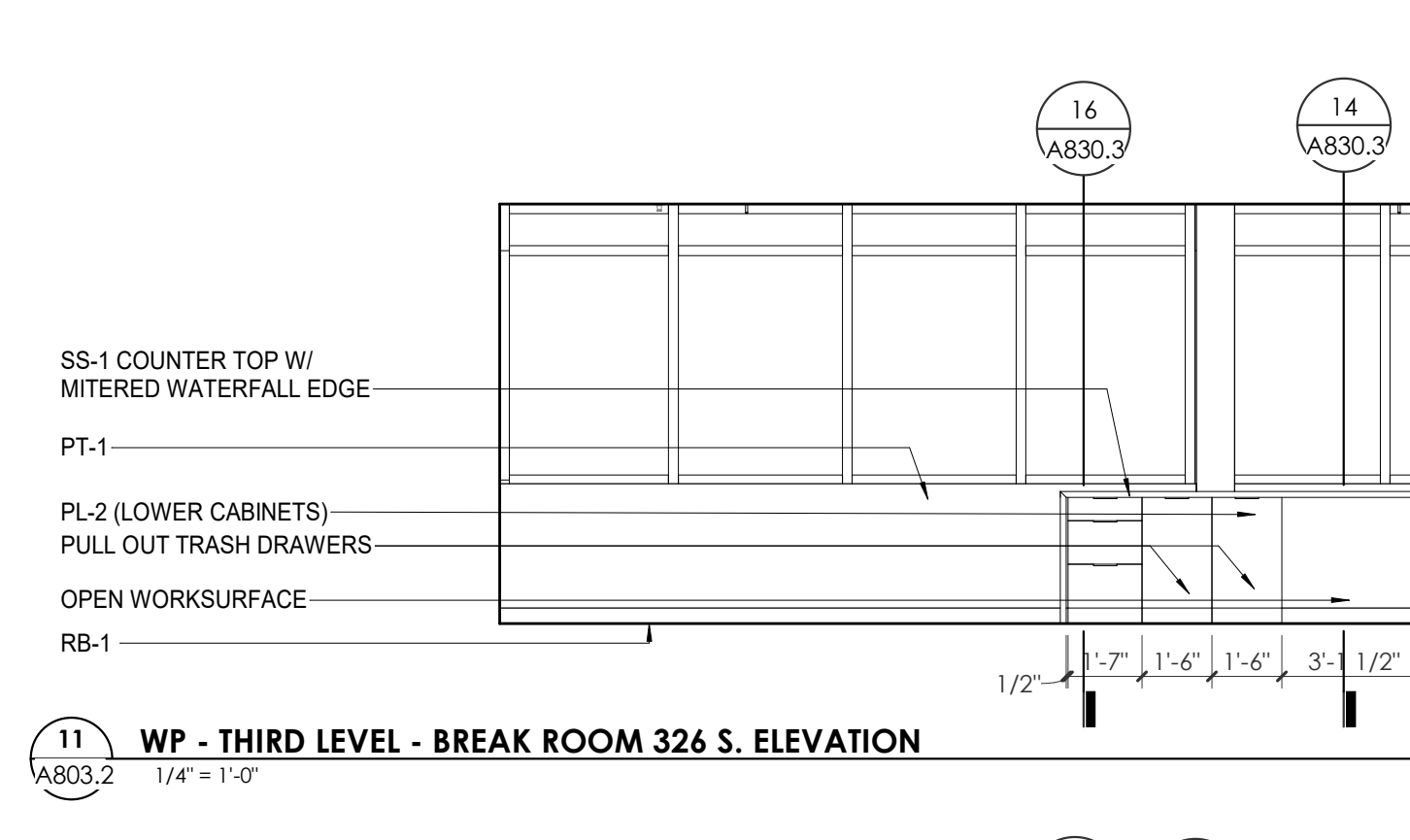
10 ENLARGED PLAN - WP - THIRD LEVEL - BREAK ROOM 326 1/4" = 1'-0"



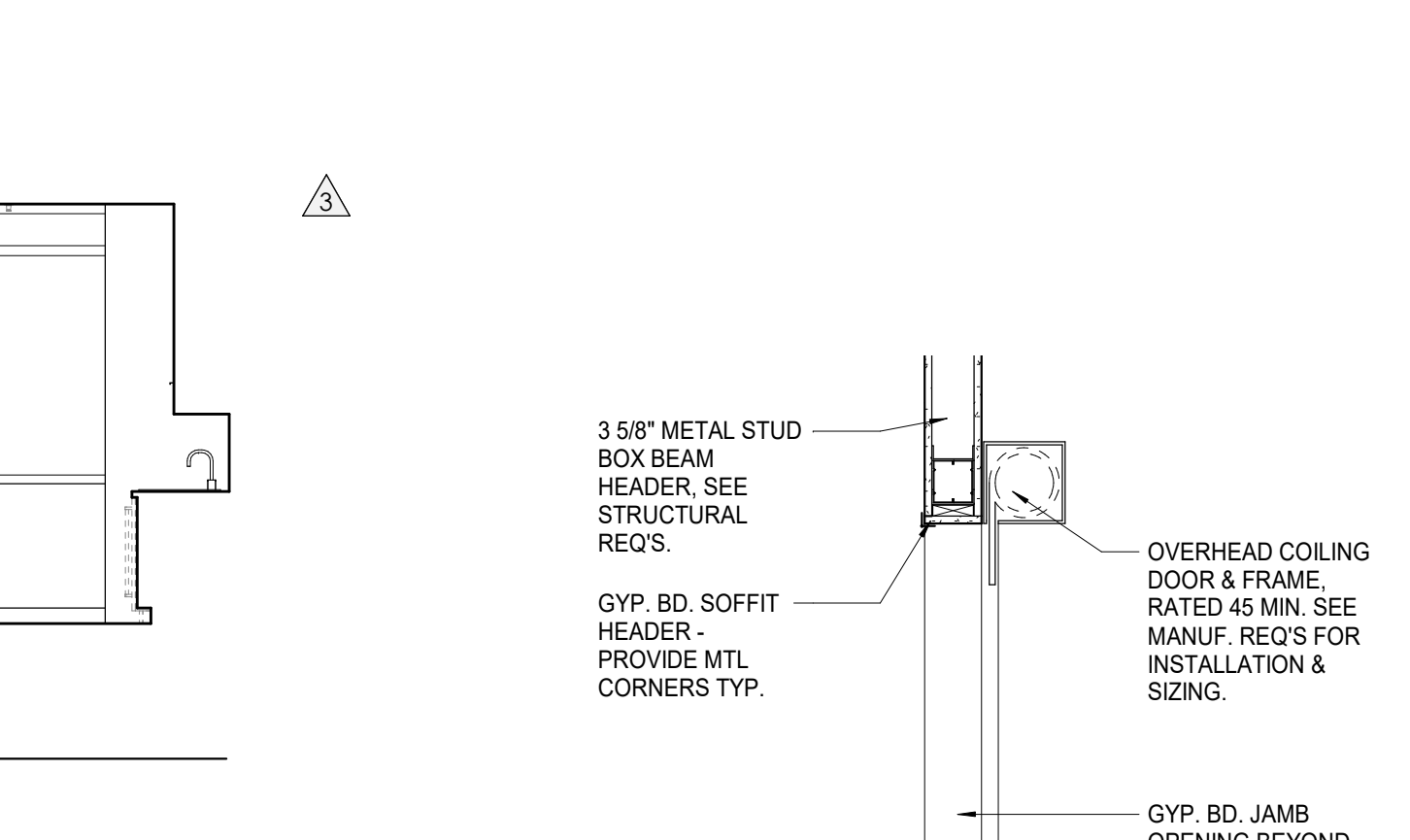
9 WP - THIRD LEVEL - BREAK ROOM 326 N. ELEVATION 1/4" = 1'-0"



11 WP - THIRD LEVEL - BREAK ROOM 326 S. ELEVATION 1/4" = 1'-0"



12 WP - THIRD LEVEL - BREAK ROOM 326 W. ELEVATION 1/4" = 1'-0"



13 WP - PASS THROUGH COUNTER DETAIL 3/4" = 1'-0"

REFLECTED CEILING PLAN LEGEND

- 24" x 24" ACOUSTICAL CEILING TILE GRID
- 44" x 48" ACOUSTICAL CEILING TILE GRID
- GYP. BOARD CEILING
- WOOD PANEL CEILING
- EIFS SOFFIT
- CEILING TYPE INDICATOR
- CEILING HEIGHT AFF
- CEILING TYPE INDICATOR

CEILING TYPES:

- GYP.: GYPSUM BOARD CEILING
- ACT.: ACOUSTICAL TILE CEILING
- MTL.: METAL PANEL SOFFIT
- EXP.: EXPANDED TO STRUCTURE
- 4" DIA. RECESSED CAN LIGHT
- AIMABLE DOWNLIGHT
- 4" RECESSED WALL WASH DOWNLIGHT
- RAZOR WALL WASH DOWNLIGHT
- 2 X 2 TROFFER
- LED STRIP
- SURFACE MOUNT STRIP LIGHT
- continuous LINEAR LED DOWNLIGHT
- DIRECT-INDIRECT LINEAR PENDANT
- EXIT SIGN, SHADED QUADRANTS INDICATE NUMBER OF FACES. PROVIDE DIRECTIONAL ARROWS AS SHOWN.
- EMERGENCY LIGHT
- ED - WET LOCATION EXIT DISCHARGE LIGHT
- CEILING MOUNTED SPEAKER
- SPRINKLER HEAD, CENTER IN CEILING TILE (UNO)
- HVAC CEILING SUPPLY
- HVAC CEILING RETURN
- HVAC LINEAR SUPPLY
- HVAC LINEAR RETURN
- ACCESS PANEL

WALL LEGEND

- 2 HR PARTITION (ASSEMBLY VARIES)
- 1 HR PARTITION (ASSEMBLY VARIES)
- BALLISTIC LEVEL 3 PARTITION (ASSEMBLY VARIES)
- NEW PARTITION (ASSEMBLY VARIES)
- EXISTING PARTITION
- EXISTING PARTITION TO BE DEMOLISHED

KEYNOTES - FLOOR PLANS

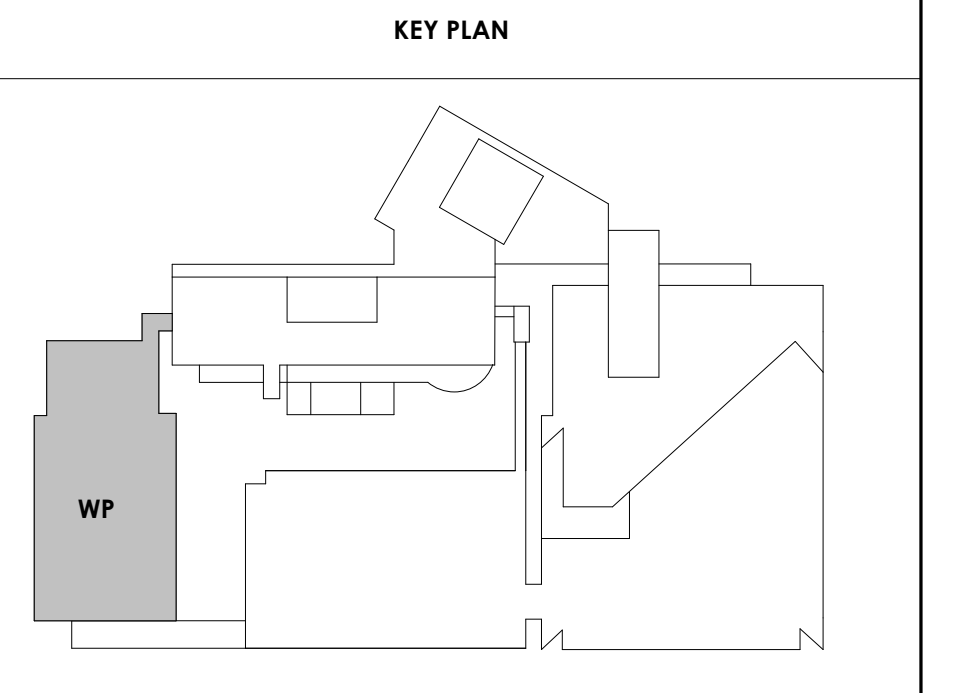
Tag	Text
1	SOFFIT ABOVE (DASHED)
2	EXISTING EGRESS STAIR TO REMAIN - PREP & PAINT EXISTING HANDRAILS, STAIR, & WALLS TO REMAIN
3	EXISTING ELEVATOR TO BE MODIFIED/REPLACED AS REQUIRED TO REACH ALL FOUR (4) FLOORS. SEE ELEVATOR PLANS & DETAILS SHEET FOR INFO.
4	EXISTING ELEVATOR TO BE REFURBISHED AS REQUIRED - SEE ELEVATOR PLANS & DETAILS FOR INFO.
5	NEW FLOOR DRAIN - REFER TO PLUMBING
6	SHADED AREA DENOTES NEW CONCRETE SLAB - REFER TO STRUC.
7	BALLISTIC LEVEL 3 RATING AND GLAZING - 8'-0" AFF MINIMUM
8	MOBILE VEHICLE LIFT
9	OVERHEAD COILING DOOR
10	OWNER PROVIDED WOOD PEW SEATING - N.I.C.
11	OWNER PROVIDED 36" DEEP OPEN SHELVING - N.I.C.
12	18" X 24" X 72" HEAVY DUTY LOCKER WITH DRAWER BENCH (TYPE 1)
13	18" X 24" X 72" HEAVY DUTY THREE TIER LOCKERS (TYPE 2)
14	NEW PASS THRU LOCKERS - TYPE 3
15	RECESSED SIDE ARMS LOCKERS (ONE FOUR DOOR UNIT AT EACH DOOR)
16	PUBLIC WEAPONS STG LOCKERS - TABLE PHONE WALL LOCKERS WITH 12 DOORS (TYPE 5)
17	CANOPY ABOVE (DASHED)
18	OWNER PROVIDED SYSTEMS FURNITURE - N.I.C.
19	OWNER PROVIDED CORNER, N.I.C.
20	PROVIDE REQ. BLOCKING FOR LOCATIONS WHERE WALL MOUNTED TV MONITORS ARE LOCATED. REFER TO EQUIPMENT PLANS FOR LOCATIONS
21	PROVIDE REQUIRED BLOCKING FOR ALL MARKER BOARD LOCATIONS
22	KNOX BOX (RECESSED)
23	RECESSED CELL PHONE LOCKERS TO MATCH METAL WALL PANEL
24	METAL DETECTOR ENTRY SECURITY
25	MOP SINK - SEE PLUMBING
26	18" DEEP BOOKSHELVES
27	12" DEEP COUNTER ON L2X2X1/4" HEAVY DUTY WELDED ANGLE SUPPORT BRACKETS
28	24" DEEP COUNTER ON L2X2X1/4" HEAVY DUTY WELDED ANGLE SUPPORT BRACKETS
29	18" DEEP COUNTER ON L2X2X1/4" HEAVY DUTY WELDED ANGLE SUPPORT BRACKETS
30	18" DEEP COUNTER ON L2X2X1/4" HEAVY DUTY WELDED ANGLE SUPPORT BRACKETS
31	PROVIDE NEW HANDRAILS, GUARDRAILS AND EGRESS STAIR ILLUMINATION. PREP AND PAINT EXISTING STAIR & WALLS TO REMAIN
32	OPERABLE FOLDING PARTITION
33	NEW DROP BOX
34	HIGH LOW WATER COOLER
35	OWNER PROVIDED HIGH DENSITY MOBILE STORAGE SYSTEM AND OVERSLAB RAILS
36	6" DEEP COUNTER
37	ABANDON EXISTING ELEVATOR
38	EXISTING FULL HEIGHT SPANDREL PANEL
39	TWO-WAY COMMUNICATOR (BLACK FINISH). PROVIDE CUTSHEET AND VERIFY COLOR SELECTION WITH MFR PRIOR TO PURCHASE - BASIS OF DESIGN AUTH'D BY C.R. LAURENCE
40	OWNER PROVIDED REFRIGERATOR, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
41	OWNER PROVIDED REFRIGERATION UNDERCOUNTER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
42	OWNER PROVIDED BUNN COFFEE MAKER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
43	OWNER PROVIDED MICROWAVE UNDERCOUNTER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
44	OWNER PROVIDED UNDERCOUNTER DISHWASHER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
45	OWNER PROVIDED COOKTOP AND HOOD, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
46	OWNER PROVIDED ICE MAKER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
47	NEW WATER HEATER - SEE PLUMBING
48	WALL MOUNTED MOP & BROOM HOLDER
49	APPLY TRANSPARENT FILM TO INSIDE FACE OF GLAZING
50	IMPACT RESISTANT STEEL BOLLARD. GENERAL LOCATION SHOWN. COORDINATE LOCATION IN FIELD. REFER TO DETAIL 13(A803.2)
51	NEW CONCRETE SLAB - SEE SITE DETAILS AND STRUCTURAL DRAWINGS FOR INFO.
52	NEW SHOOTING RANGE. SEE SHOOTING RANGE PLANS A108 FOR INFO.
53	PROVIDE WHEEL STOPS AT ACCESSIBLE PARKING LOCATIONS
54	NEW FOLDING ARM. SEE ELECTRICAL PLAN FOR ADDITIONAL INFORMATION
55	NEW BADGE IN ACCESS READER. SEE SHEET AS120 AND ELECTRICAL FOR ADDITIONAL INFORMATION
56	RESTRIKE PARKING TO ACCOMMODATE FOR ACCESSIBLE PARKING SPACES SHOWN. REFER TO CIVIL FOR ADA SIGNAGE AND PARKING SYMBOLS
57	NEW TRENCH DRAIN - SEE PLUMBING
58	NEW HOSE BIB - SEE PLUMBING
59	EYE WASH - SEE PLUMBING
60	1" FLUSH FLOOR TO FLOOR 2 HR EXPANSION JOINT (TYPE 1) TO MATCH ADJACENT TILE - SEE STRUC AND DETAILS ON A111.2
61	1" FLUSH FLOOR TO FLOOR 2 HR EXPANSION JOINT (TYPE 2) TO MATCH ADJACENT CARPET - SEE STRUC AND DETAILS ON A111.2
62	1" FLUSH FLOOR TO WALL 2 HR EXPANSION JOINT (TYPE 3) TO MATCH ADJACENT CARPET - SEE STRUC AND DETAILS ON A111.2
63	1" FLUSH FLOOR TO WALL 2 HR EXPANSION JOINT (TYPE 4) TO MATCH ADJACENT TILE - SEE STRUC AND DETAILS ON A111.2
64	1" FLUSH WALL/CEILING TO WALL/CEILING EXPANSION JOINT (TYPE 5) TO MATCH ADJACENT PAINT COLOR - SEE STRUC AND DETAILS ON A111.2
65	1" EXPANSION JOINT (TYPE 6) TO MATCH ADJACENT BRICK - SEE STRUC AND DETAILS
66	ADA PUSH BUTTON
67	FLOOR BOX - VERIFY FINAL LOCATION PRIOR TO INSTALLATION W/ ARCHITECT. COORDINATE W/ SYSTEMS FURNITURE - SEE ELECTRICAL
68	OWNER PROVIDED VENDING MACHINE, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
69	CEILING MOUNTED TV. PROVIDE NECESSARY MOUNTING HARDWARE - SEE ELECTRICAL AND TELECOMMUNICATIONS
70	OWNER PROVIDED MICROWAVE, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
71	24" DEEP STAINLESS STEEL PASS THROUGH COUNTER INSTALLED 34" A.F.F. SEE ENLARGED PLANS FOR INFO.

KEYNOTE - RCP

Tag	Text
1	6" PREFINISHED ALUMINUM TRIM AT PERIMETER
2	6" INTEGRATED ALUMINUM TECHZONE CHANNEL - LIGHTING AND MECHANICAL SUPPLY/RETURN
3	OPERABLE WALL PARTITION
4	ROLLER WINDOW SHADDES AT ALL EXTERIOR WORKSPACE WINDOWS - TYP
5	GYP. BD. SOFFIT AT PERIMETER
6	6" PREFORMED ALUMINUM COVE REVEAL
7	1" PREFORMED ALUMINUM REVEAL
8	EXISTING LIGHT FIXTURES IN GARAGES TO REMAIN
9	LOCATION OF CLERESTORY WINDOWS ABOVE 9'-0" GYP. BD. SOFFIT.
10	EXISTING LIGHT FIXTURES TO BE REINSTALLED IN NEW CEILING TILE AND GRID - VERIFY EXISTING FIXTURE LOCATION IN FIELD
11	NEW 3/8" METAL STUD & 5/8" WATER RESISTANT GYP. BD. CEILING, WITH 1" MIN. RIGID INSULATION & WATERPROOF MEMBRANE IN PLENUM. CONTRACTOR TO VERIFY WATER/TIGHT CONDITION UNDER PLUMBING.
12	LOCKERS BELOW (DASHED)
13	TO PROVIDE NEW GYP. BD. SOFFIT ON EXISTING METAL STUD SOFFIT FRAMING TO REMAIN - VERIFY IN FIELD
14	BLACK OUT ROLLER WINDOW SHADDES AT ALL EXTERIOR CLASSROOM WINDOWS - TYP
15	PATCH AND REPLACE EXISTING EIFS SOFFIT AS REQUIRED TO COMPLETE THE WORK
16	NEW MANUAL OVERHEAD COILING DOOR & FRAME. 45 MIN RATED.
17	REMOVE EXISTING EIFS SOFFIT AND PROVIDE NEW SUSPENDED EIFS SOFFIT WITH R-30 BATT INSULATION IN OVERHANG CAVITY

TOILET ACCESSORIES LEGEND

MARK	DESCRIPTION
GBH42	42" HORIZONTAL GRAB BAR. ADA. COLOR: STAINLESS STEEL
GBH36	36" HORIZONTAL GRAB BAR. ADA. COLOR: STAINLESS STEEL
GBV18	18" VERTICAL GRAB BAR. ADA. COLOR: STAINLESS STEEL
MR-01	24" X 36" MIRROR, BLACK FRAME
MR-02	LOCKER ROOM FRAMLESS MIRROR
MR-03	20" X 59" MIRROR, DOOR MOUNTED, BLACK FRAME
FNR-S	FEMININE NAPKIN RECEPTACLE, SURFACE-MTD, FINISH: STAINLESS STEEL
TT-D	TOILET TISSUE, DOUBLE-ROLL DISPENSER, FINISH: BLACK
HD	HAND DRYER, WALL-MOUNTED, FINISH: BLACK
PT-D	AUTOMATIC PAPER TOWEL DISPENSER, WALL-MTD, FINISH: BLACK
WR	WASTE RECEPTACLE, FINISH: BLACK
CS	CHANGING STATION, FINISH: STAINLESS STEEL
CH	COAT HOOK, FINISH: BLACK
SR-01	36" SHOWER ROD, FINISH: BLACK
SR-02	60" SHOWER ROD, FINISH: BLACK
SS	SHOWER SEAT, PER ADA, FINISH: PHENOLIC





Project Information:

19018

COK SAFETY BUILDING

900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:

Architects Design Group

#	ISSUE	DATE
1	ADD #02.1	02/17/21
2	ADD #03.1	02/24/21
3	ADD #04.1	03/03/21

Issue Date: FEBRUARY 1, 2021

PIC: DAVID COLLINS

PM: JOHN THURMAN

PA: LAUREN BUSH /

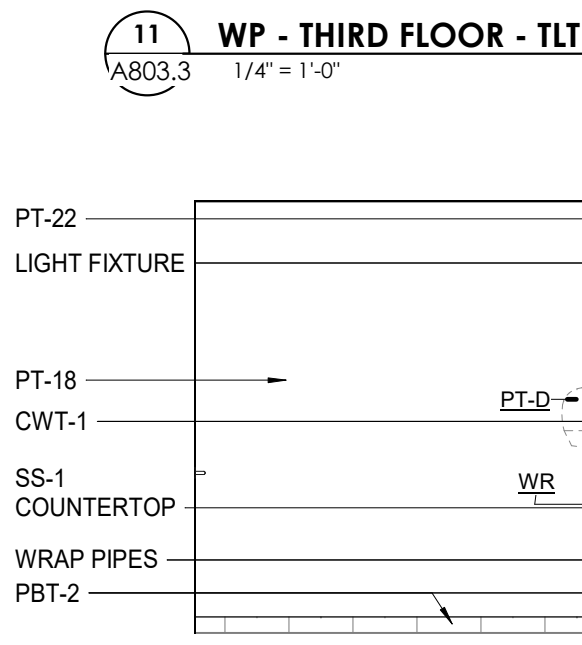
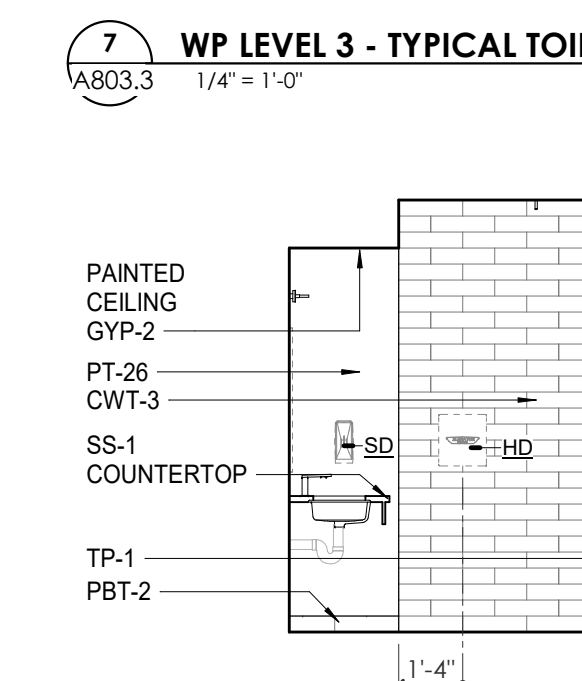
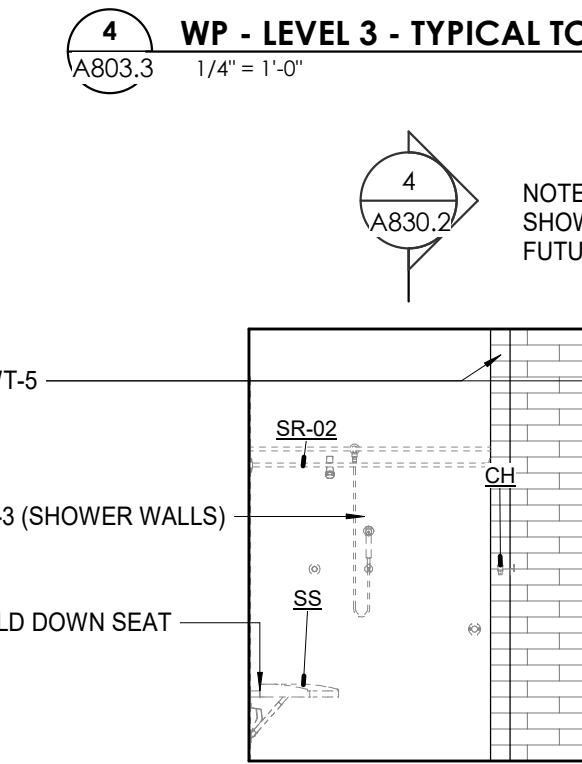
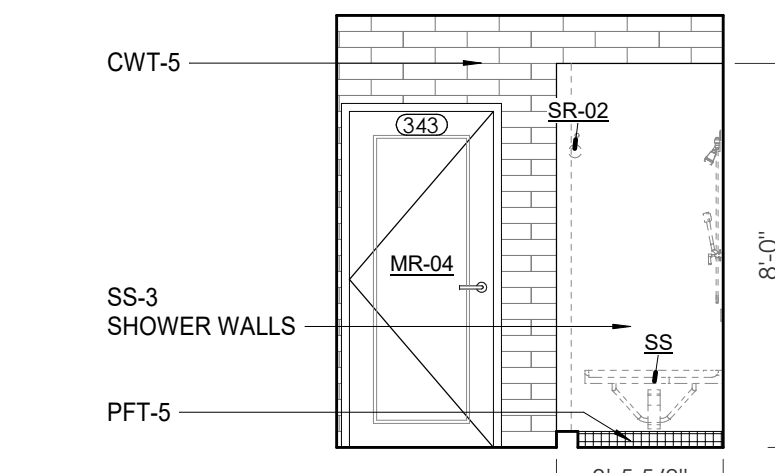
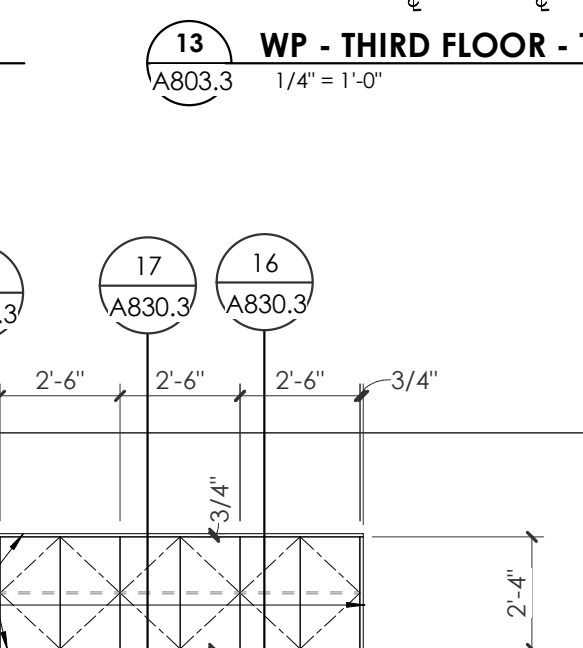
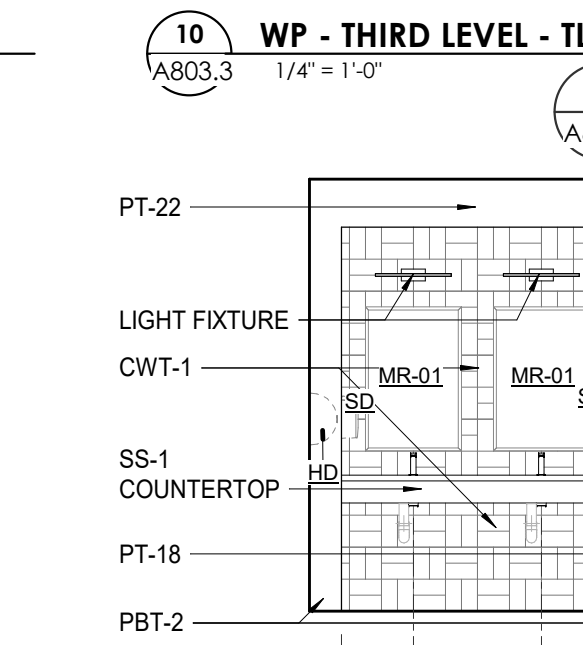
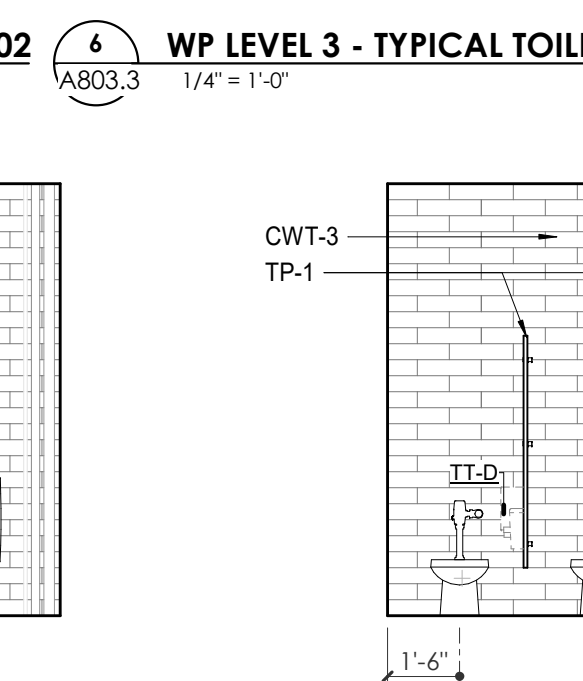
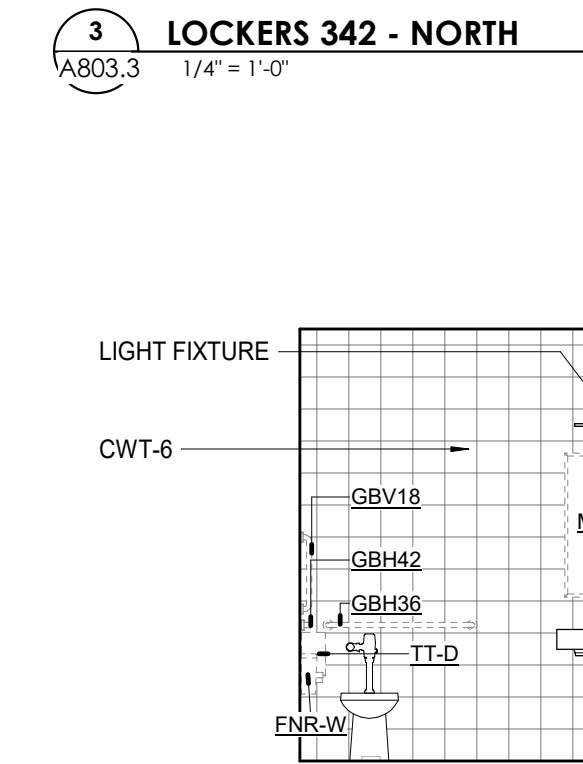
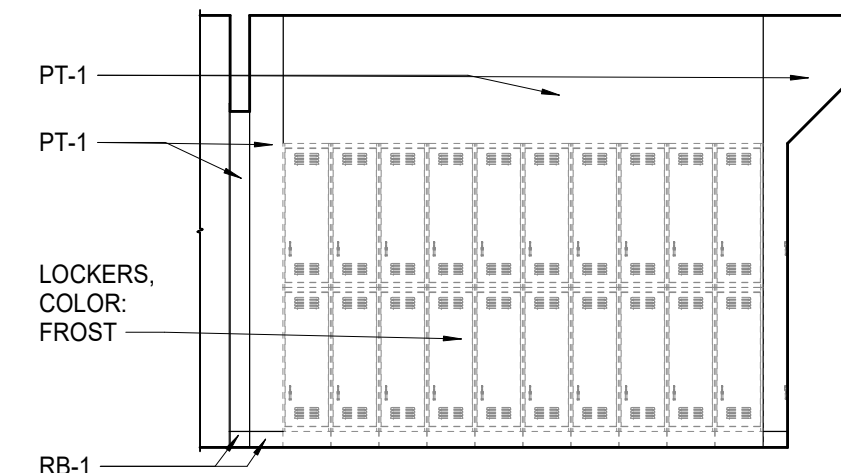
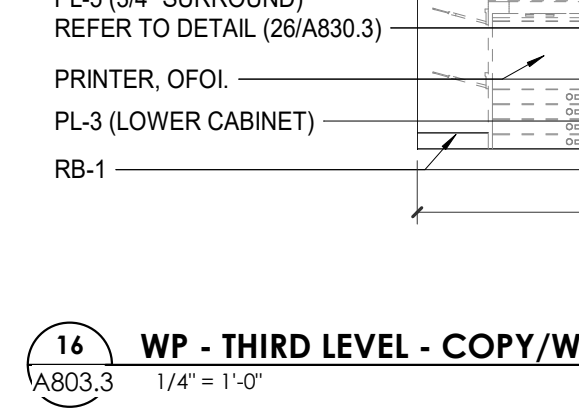
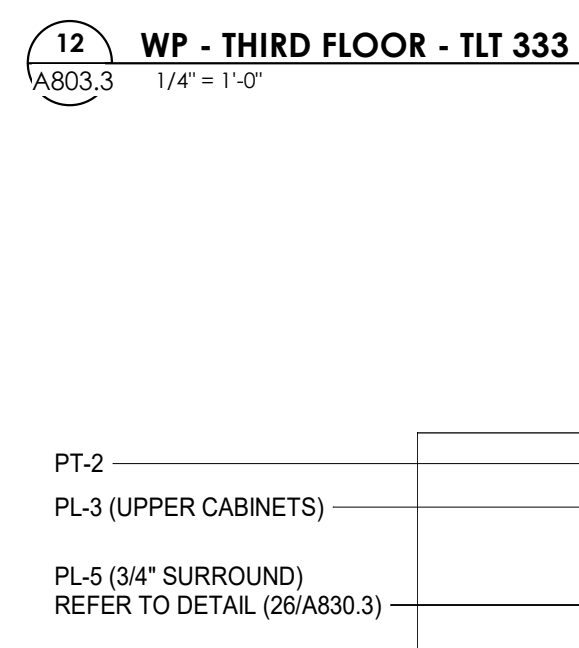
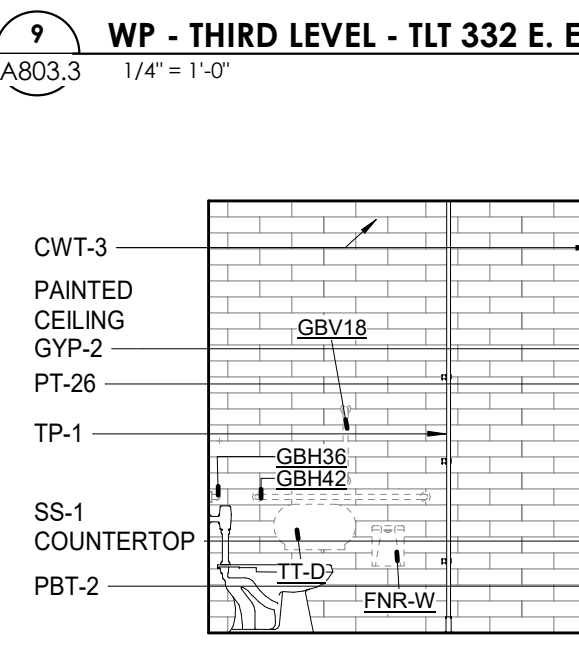
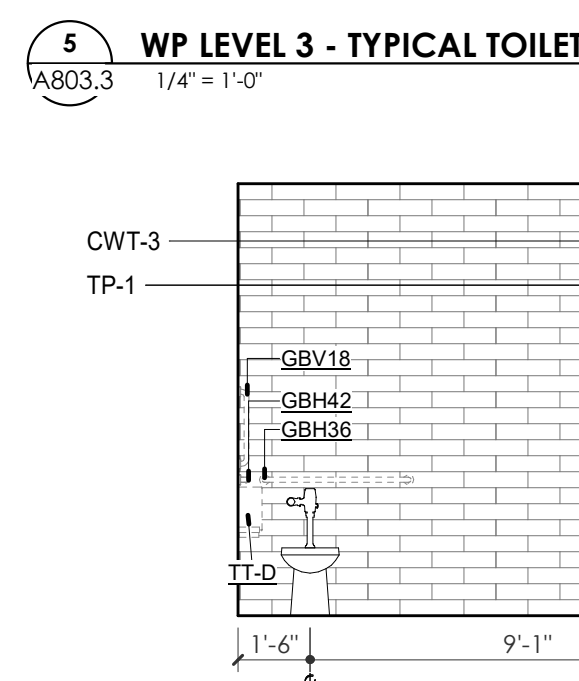
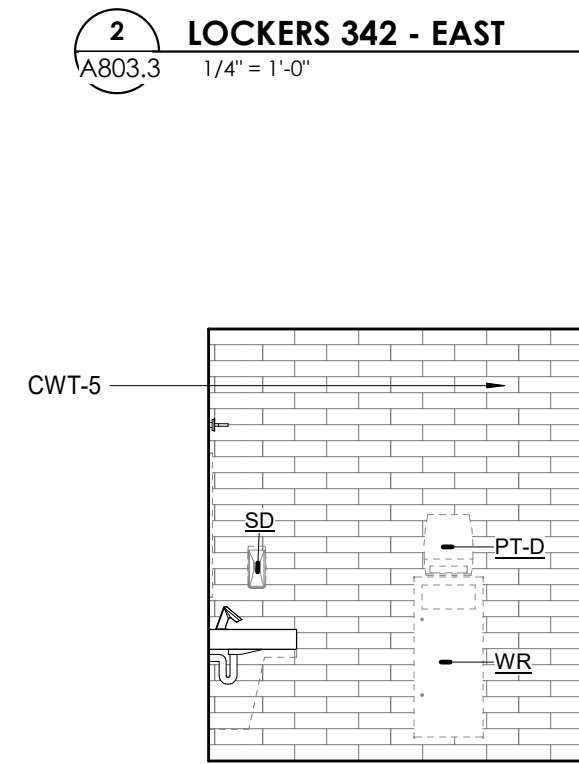
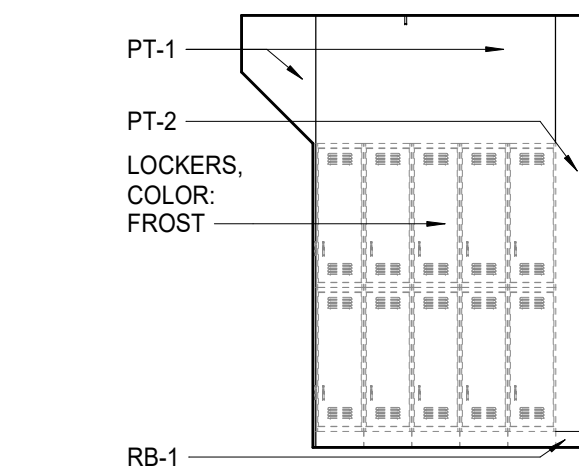
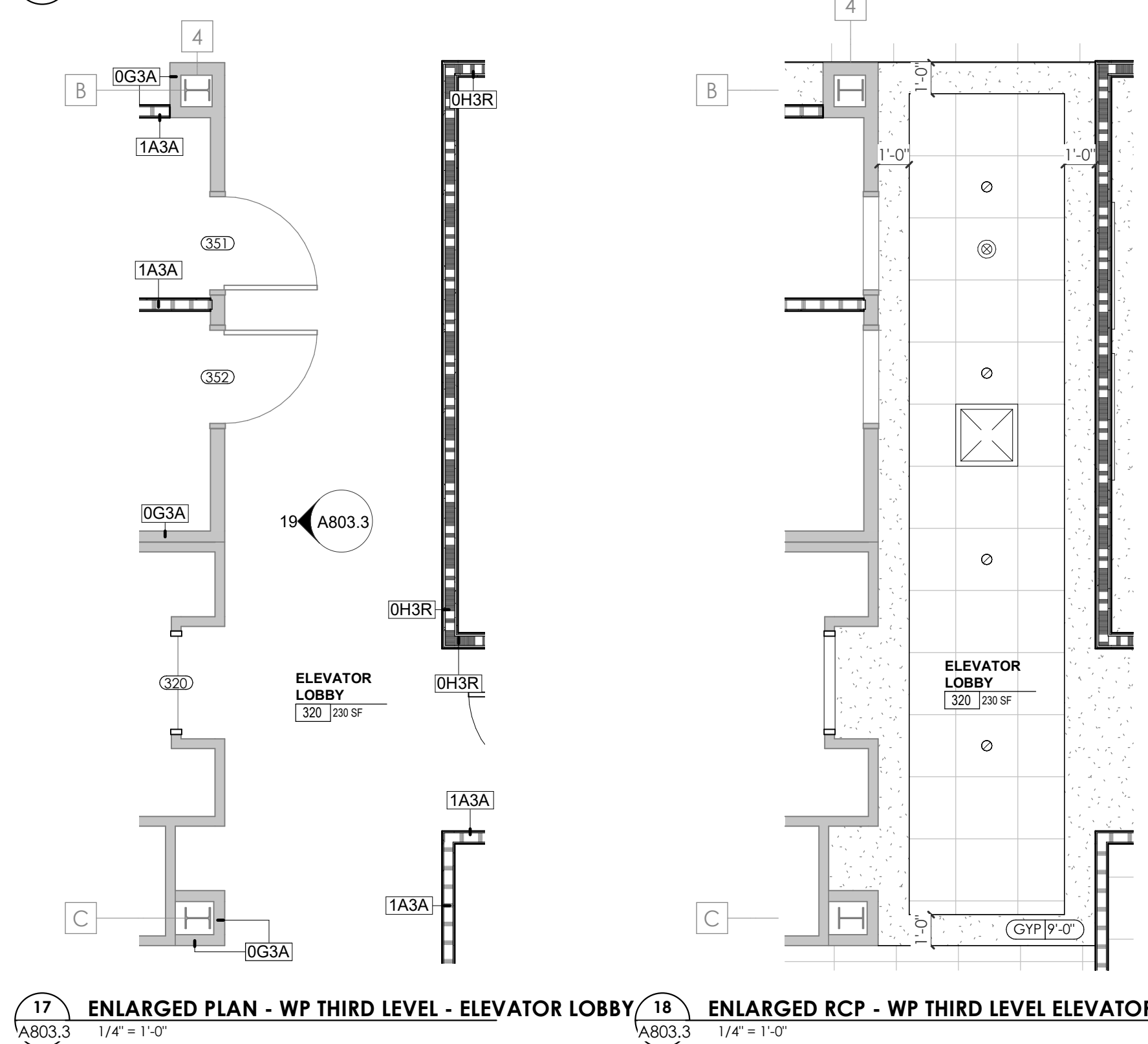
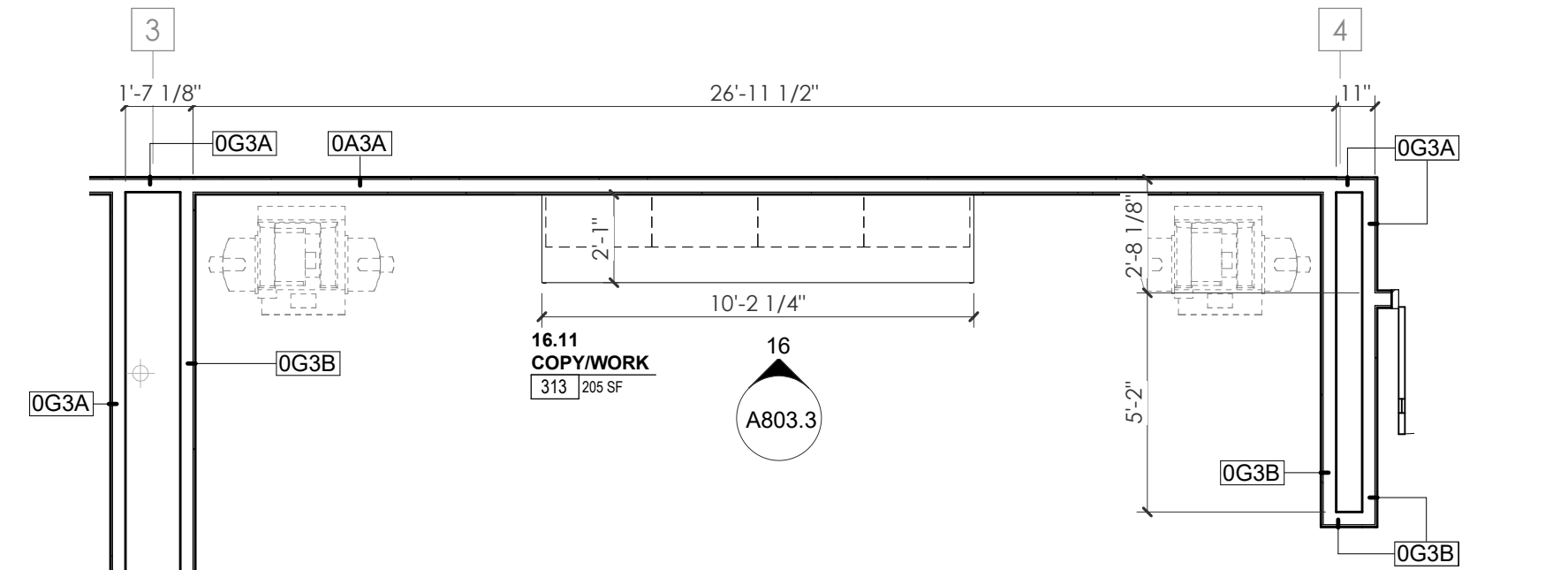
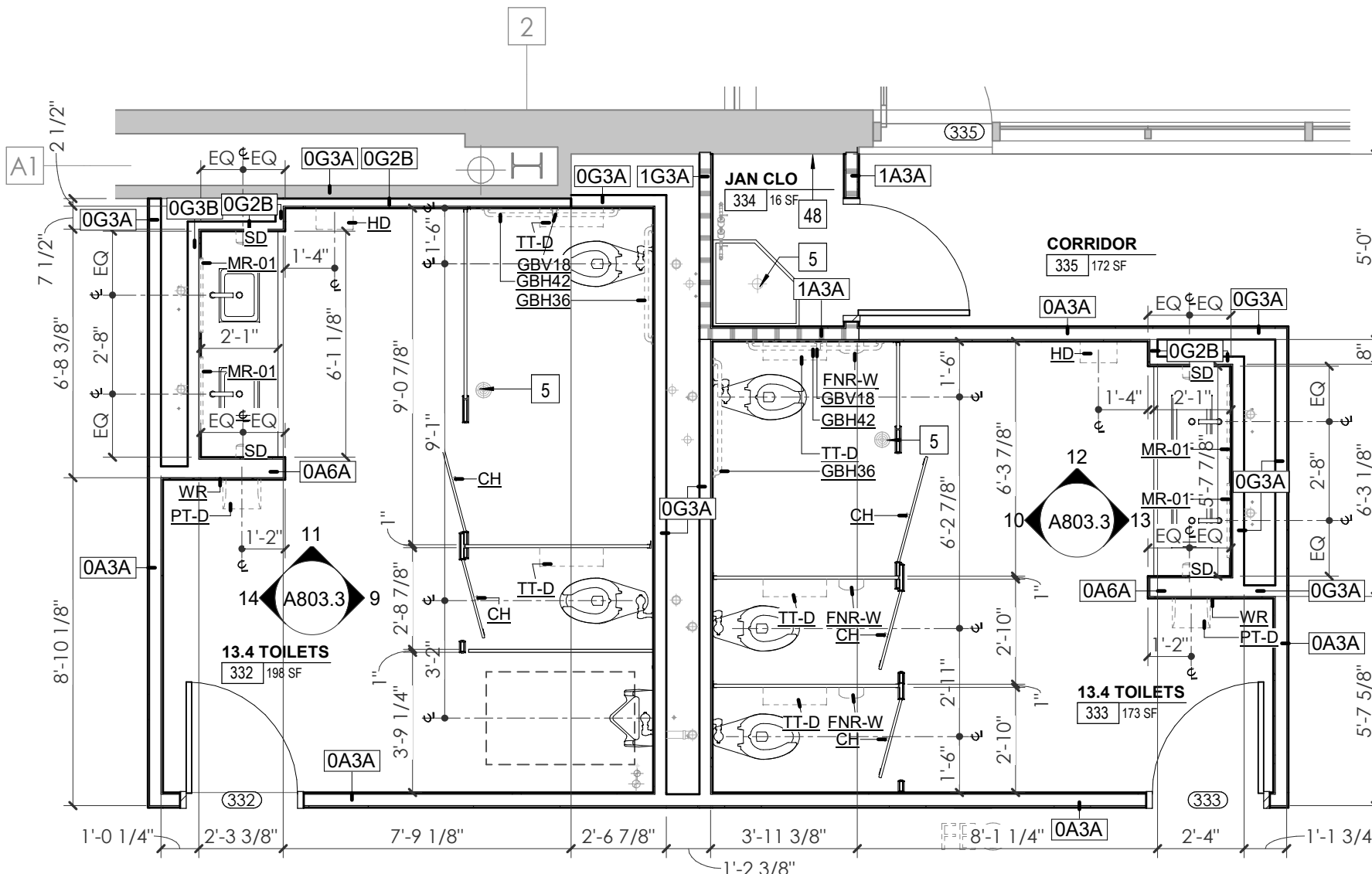
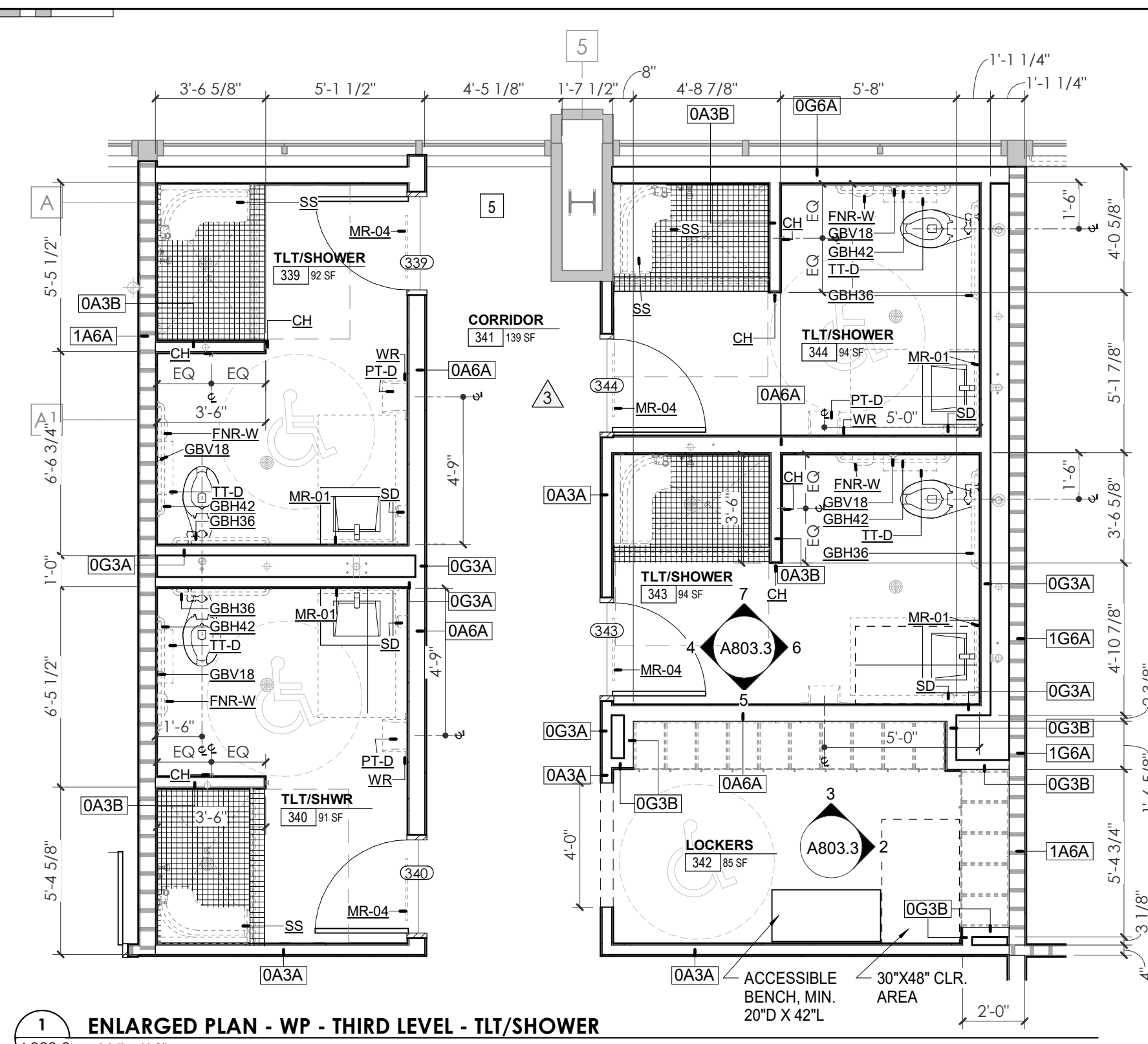
Drawn By: Author

Checked By: B. PIERCY

Drawing Info:

A803.3

WP - ENLARGED PLANS AND ELEVATIONS - THIRD LEVEL



REFLECTED CEILING PLAN LEGEND

(Grid symbol)	24" x 24" ACOUSTICAL CEILING TILE GRID
(Grid symbol)	44" x 48" ACOUSTICAL CEILING TILE GRID
(Hatched box)	GYP-SOFT
(Hatched box)	GYP-DB CEILING
(Hatched box)	WOOD PANEL CEILING
(Hatched box)	EIFS SOFFIT
(Dashed line)	CEILING TYPE INDICATOR
(Symbol)	CEILING HEIGHT AFF
(Symbol)	CEILING TYPE INDICATOR
CEILING TYPES:	
(Symbol)	GYP - GYPSUM BOARD CEILING
(Symbol)	ACT - ACOUSTICAL TILE CEILING
(Symbol)	MTL - METAL PANEL SOFFIT
(Symbol)	EXP - EXPOSED TO STRUCTURE
(Symbol)	4" DIA. RECESSED CAN LIGHT
(Symbol)	AIMABLE DOWNLIGHT
(Symbol)	4" RECESSED WALL WASH DOWNLIGHT
(Symbol)	RAZOR WALL WASH DOWNLIGHT
(Symbol)	2 x 2 TROFFER
(Symbol)	LED STRIP
(Symbol)	SURFACE MOUNT STRIP LIGHT
(Symbol)	continuous LINEAR LED DOWNLIGHT
(Symbol)	DIRECT-INDIRECT LINEAR PENDANT
(Symbol)	EXIT SIGN, SHADED QUADRANTS INDICATE NUMBER OF FACES, PROVIDE DIRECTIONAL ARROWS AS SHOWN.
(Symbol)	EMERGENCY LIGHT
(Symbol)	ED - WET LOCATION EXIT DISCHARGE LIGHT
(Symbol)	CEILING MOUNTED SPEAKER
(Symbol)	SPRINKLER HEAD, CENTER IN CEILING TILE (UNO)
(Symbol)	HVAC CEILING SUPPLY
(Symbol)	HVAC CEILING RETURN
(Symbol)	HVAC LINEAR SUPPLY
(Symbol)	HVAC LINEAR RETURN
(Symbol)	ACCESS PANEL

WALL LEGEND

(Hatched box)	2 HR PARTITION (ASSEMBLY VARIES)
(Hatched box)	1 HR PARTITION (ASSEMBLY VARIES)
(Hatched box)	BALLISTIC LEVEL 3 PARTITION (ASSEMBLY VARIES)
(Hatched box)	NEW PARTITION (ASSEMBLY VARIES)
(Hatched box)	EXISTING PARTITION
(Dashed line)	EXISTING PARTITION TO BE DEMOLISHED

KEYNOTES - FLOOR PLANS

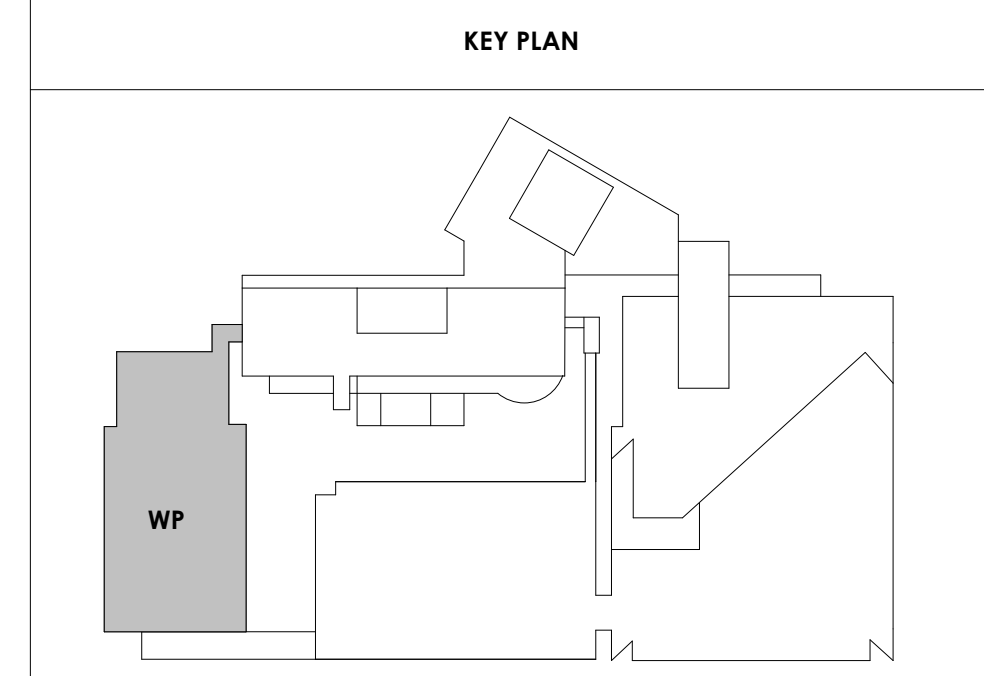
Tag	Text
1	SOFFIT ABOVE (DASHED)
2	EXISTING EGRESS STAIR TO REMAIN - PREP & PAINT EXISTING HANDRAILS, STAIR, & WALLS TO REMAIN
3	EXISTING ELEVATOR TO BE MODIFIED/REPLACED AS REQUIRED TO REACH ALL FOUR (4) FLOORS. SEE ELEVATOR PLANS & DETAILS SHEET FOR INFO.
4	EXISTING ELEVATOR TO BE REFURBISHED AS REQUIRED - SEE ELEVATOR PLANS & DETAILS FOR INFO
5	NEW FLOOR DRAIN - REFER TO PLUMBING
6	SHADED AREA DENOTES NEW CONCRETE SLAB - REFER TO STRUC.
7	BALLISTIC LEVEL 3 RATING AND GLAZING - 8'-0" AFF MINIMUM
8	MOBILE VEHICLE LIFT
9	OVERHEAD COILING DOOR
10	OWNER PROVIDED WOOD PEW SEATING - N.I.C.
11	OWNER PROVIDED 36" DEEP OPEN SHELVING - N.I.C.
12	18" x 24" x 72" HEAVY DUTY LOCKER WITH DRAWER BENCH (TYPE 1)
13	18" x 24" x 72" HEAVY DUTY THREE TIER LOCKERS (TYPE 2)
14	NEW PASS THRU LOCKERS - TYPE 3
15	RECESSED SIDE ARMS LOCKERS (ONE FOUR DOOR UNIT AT EACH DOOR)
16	PUBLIC WEAPONS STG LOCKERS - TABLE PHONE WALL LOCKERS WITH 12 DOORS (TYPE 5)
17	CANOPY ABOVE (DASHED)
18	OWNER PROVIDED SYSTEMS FURNITURE - N.I.C.
19	OWNER PROVIDED CORKER - N.I.C.
20	PROVIDE REQ. BLOCKING FOR LOCATIONS WHERE WALL MOUNTED TV MONITORS ARE LOCATED. REFER TO EQUIPMENT PLANS FOR LOCATIONS
21	PROVIDE REQUIRED BLOCKING FOR ALL MARKER BOARD LOCATIONS
22	KNIX BOX (RECESSED)
23	RECESSED CELL PHONE LOCKERS TO MATCH METAL WALL PANEL
24	METAL DETECTOR ENTRY SECURITY
25	MOP SINK - SEE PLUMBING
26	18" DEEP BOOKSHELVES
27	12" DEEP COUNTER ON L2X2X1/4" HEAVY DUTY WELDED ANGLE SUPPORT BRACKETS
28	24" DEEP COUNTER ON L2X2X1/4" HEAVY DUTY WELDED ANGLE SUPPORT BRACKETS
29	36" DEEP COUNTER ON L2X2X1/4" HEAVY DUTY WELDED ANGLE SUPPORT BRACKETS
30	18" DEEP COUNTER ON L2X2X1/4" HEAVY DUTY WELDED ANGLE SUPPORT BRACKETS
31	PROVIDE NEW HANDRAILS, GUARDRAILS & EGRESS STAIR ILLUMINATION. PREP AND PAINT EXISTING STAIR & WALLS TO REMAIN
32	OPERABLE FOLDING PARTITION
33	NEW DROP BOX
34	HIGH LOW WATER COOLER
35	OWNER PROVIDED HIGH DENSITY MOBILE STORAGE SYSTEM AND OVERSLAB RAILS
36	6" DEEP COUNTER
37	ABANDON EXISTING ELEVATOR
38	EXISTING FULL HEIGHT SPANDREL PANEL
39	TWO-WAY COMMUNICATOR (BLACK FINISH), PROVIDE CUTSHEET AND VERIFY COLOR SELECTION WITH MFR PRIOR TO PURCHASE - BASIS OF DESIGN AUTUBS BY C.R. LAURENCE
40	OWNER PROVIDED REFRIGERATOR, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
41	OWNER PROVIDED REFRIGERATION UNDERCOUNTER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
42	OWNER PROVIDED BUNN COFFEE MAKER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
43	OWNER PROVIDED MICROWAVE UNDERCOUNTER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
44	OWNER PROVIDED UNDERCOUNTER DISHWASHER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
45	OWNER PROVIDED COUNTERTOP AND HOOD, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
46	OWNER PROVIDED ICE MAKER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
47	NEW WATER HEATER - SEE PLUMBING
48	WALL MOUNTED MOP & BROOM HOLDER
49	APPLY TRANSPARENT FILM TO INSIDE FACE OF GLAZING
50	IMPACT RESISTANT STEEL BOLLARD, GENERAL LOCATION SHOWN. COORDINATE LOCATION IN FIELD. REFER TO DETAIL 15(A803.0)
51	NEW CONCRETE SLAB - SEE SITE DETAILS AND STRUCTURAL DRAWINGS FOR INFO.
52	NEW SHOOTING RANGE. SEE SHOOTING RANGE PLANS A108 FOR INFO.
53	PROVIDE WHEEL STOPS AT ACCESSIBLE PARKING LOCATIONS
54	NEW FOLDING ARM. SEE ELECTRICAL PLAN FOR ADDITIONAL INFORMATION
55	NEW BADGE IN ACCESS READER, SEE SHEET AS120 AND ELECTRICAL FOR ADDITIONAL INFORMATION
56	RESTRIPE PARKING TO ACCOMMODATE FOR ACCESSIBLE PARKING SPACES SHOWN. REFER TO CIVIL FOR ADA SIGNAGE AND PARKING SYMBOLS
57	NEW TRENCH DRAIN - SEE PLUMBING
58	NEW HOSE BIB - SEE PLUMBING
59	EYE WASH - SEE PLUMBING
60	1" FLUSH FLOOR TO FLOOR 2 HR EXPANSION JOINT (TYPE 1) TO MATCH ADJACENT TILE - SEE STRUC AND DETAILS ON A111.2
61	1" FLUSH FLOOR TO FLOOR 2 HR EXPANSION JOINT (TYPE 2) TO MATCH ADJACENT CARPET - SEE STRUC AND DETAILS ON A111.2
62	1" FLUSH FLOOR TO WALL 2 HR EXPANSION JOINT (TYPE 3) TO MATCH ADJACENT CARPET - SEE STRUC AND DETAILS ON A111.2
63	1" FLUSH FLOOR TO WALL 2 HR EXPANSION JOINT (TYPE 4) TO MATCH ADJACENT TILE - SEE STRUC AND DETAILS ON A111.2
64	1" FLUSH WALL/CILING TO WALL/CILING EXPANSION JOINT (TYPE 5) TO MATCH ADJACENT PAINT COLOR - SEE STRUC AND DETAILS ON A111.2
65	1" EXPANSION JOINT (TYPE 6) TO MATCH ADJACENT BRICK - SEE STRUC AND DETAILS
66	ADA PUSH BUTTON
67	FLOOR BOX - VERIFY FINAL LOCATION PRIOR TO INSTALLATION W/ ARCHITECT. COORDINATE W/ SYSTEMS FURNITURE - SEE ELECTRICAL
68	OWNER PROVIDED VENDING MACHINE, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
69	CEILING MOUNTED TV, PROVIDE NECESSARY MOUNTING HARDWARE - SEE ELECTRICAL AND TELECOMMUNICATIONS
70	OWNER PROVIDED MICROWAVE, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
71	24" DEEP STAINLESS STEEL PASS THROUGH COUNTER INSTALLED 34" A.F.F. SEE ENLARGED PLANS FOR INFO.

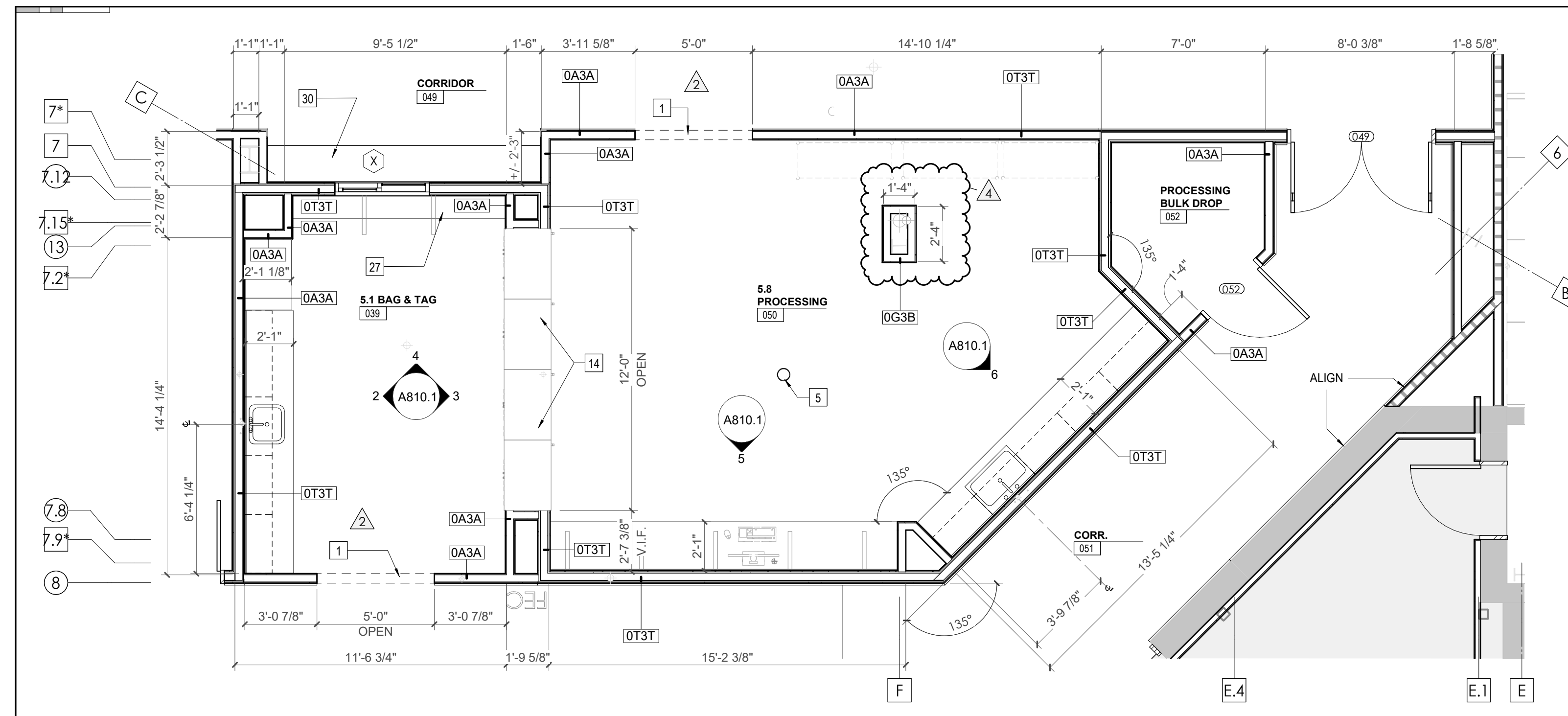
KEYNOTE - RCP

Tag	Text
1	6" PREFINISHED ALUMINUM TRIM AT PERIMETER
2	6" INTEGRATED ALUMINUM TECHZONE CHANNEL - LIGHTING AND MECHANICAL SUPPLY/RETURN
3	OPERABLE WALL PARTITION
4	ROLLER WINDOW SHADES AT ALL EXTERIOR WORKSPACE WINDOWS - TYP
5	GYP. BD. SOFFIT AT PERIMETER
6	6" PREFORMED ALUMINUM COVE REVEAL
7	1" PREFORMED ALUMINUM REVEAL
8	EXISTING LIGHT FIXTURES IN GARAGES TO REMAIN
9	LOCATION OF CLERESTORY WINDOWS ABOVE 9'-0" GYP. BD. SOFFIT.
10	EXISTING LIGHT FIXTURES TO BE REINSTALLED IN NEW CEILING TILE AND GRID - VERIFY EXISTING FIXTURE LOCATION IN FIELD
11	LOCKERS BELOW (DASHED)
12	NEW 3.5" METAL STUD & 5/8" WATER RESISTANT GYP. BD. CEILING, WITH 1" MIN. RIGID INSULATION & WATERPROOF MEMBRANE IN PLENUM. CONTRACTOR TO VERIFY WATER TIGHT CONDITION UNDER PLUMBING.
13	PROVIDE NEW GYP. BD. SOFFIT ON EXISTING METAL STUD SOFFIT FRAMING TO REMAIN - VERIFY IN FIELD
14	BLACK OUT ROLLER WINDOW SHADES AT ALL EXTERIOR CLASSROOM WINDOWS - TYP
15	PATCH AND REPLACE EXISTING EIFS SOFFIT AS REQUIRED TO COMPLETE THE WORK
16	NEW MANUAL OVERHEAD COILING DOOR & FRAME. 45 MIN RATED.
17	REMOVE EXISTING EIFS SOFFIT AND PROVIDE NEW SUSPENDED EIFS SOFFIT WITH R-30 BATT INSULATION IN OVERHANG CAVITY

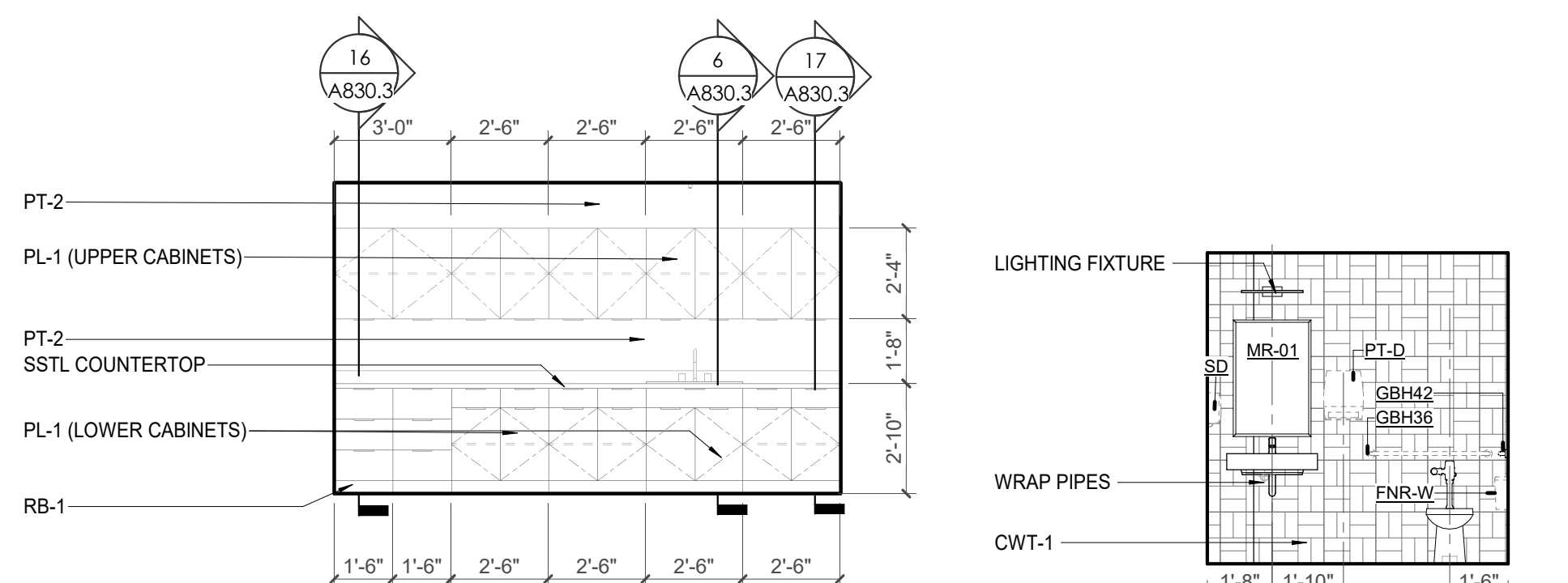
TOILET ACCESSORIES LEGEND

MARK	DESCRIPTION
GBH42	42" HORIZONTAL GRAB BAR, ADA, COLOR: STAINLESS STEEL
GBH36	36" HORIZONTAL GRAB BAR, ADA, COLOR: STAINLESS STEEL
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HD	HAND DRYER, WALL-MOUNTED, FINISH: BLACK
PT-D	AUTOMATIC PAPER TOWEL DISPENSER, WALL-MTD, FINISH BLACK
WR	WASTE RECEPTACLE, FINISH: BLACK
CS	CHANGING STATION, FINISH: STAINLESS STEEL
CH	COAT HOOK, FINISH: BLACK
SR-01	36" SHOWER ROD, FINISH: BLACK
SR-02	60" SHOWER ROD, FINISH: BLACK
SS	SHOWER SEAT, PER ADA, FINISH: PHENOLIC

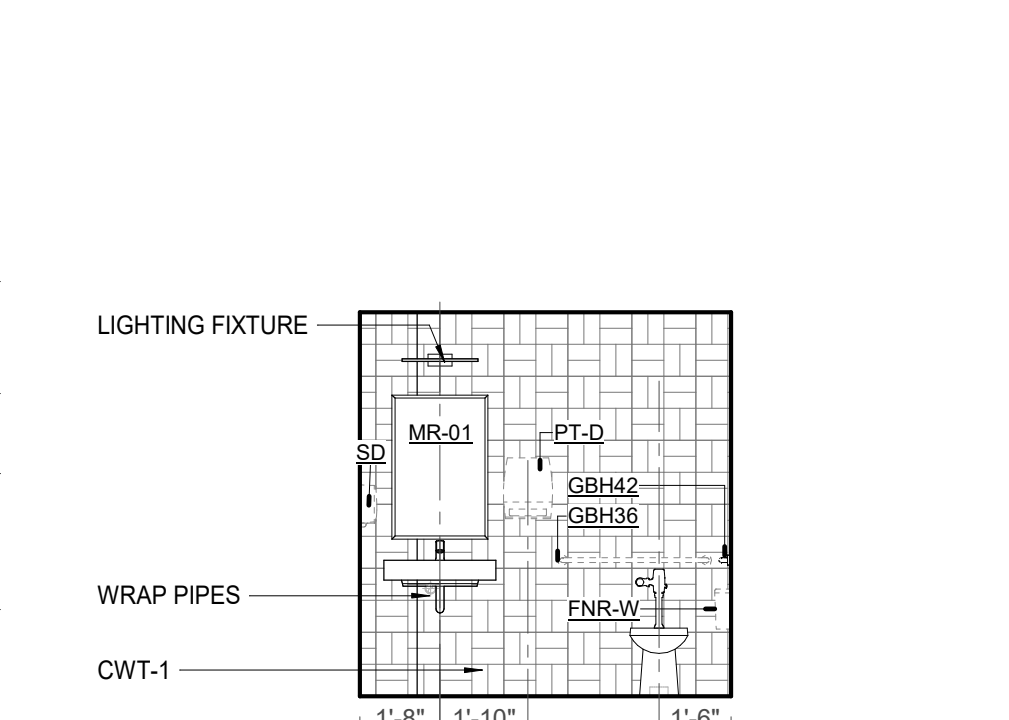




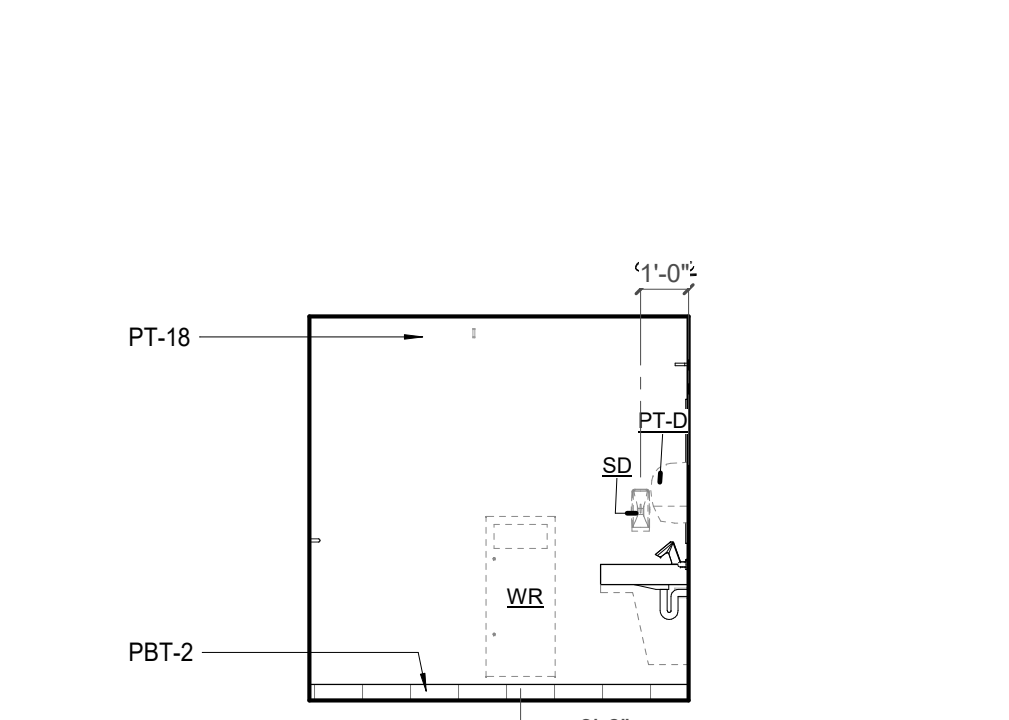
1 ENLARGED PLAN - CA - LL3 - BAG & TAG AND PROCESSING 039-050
A810.1 1/4" = 1'-0"



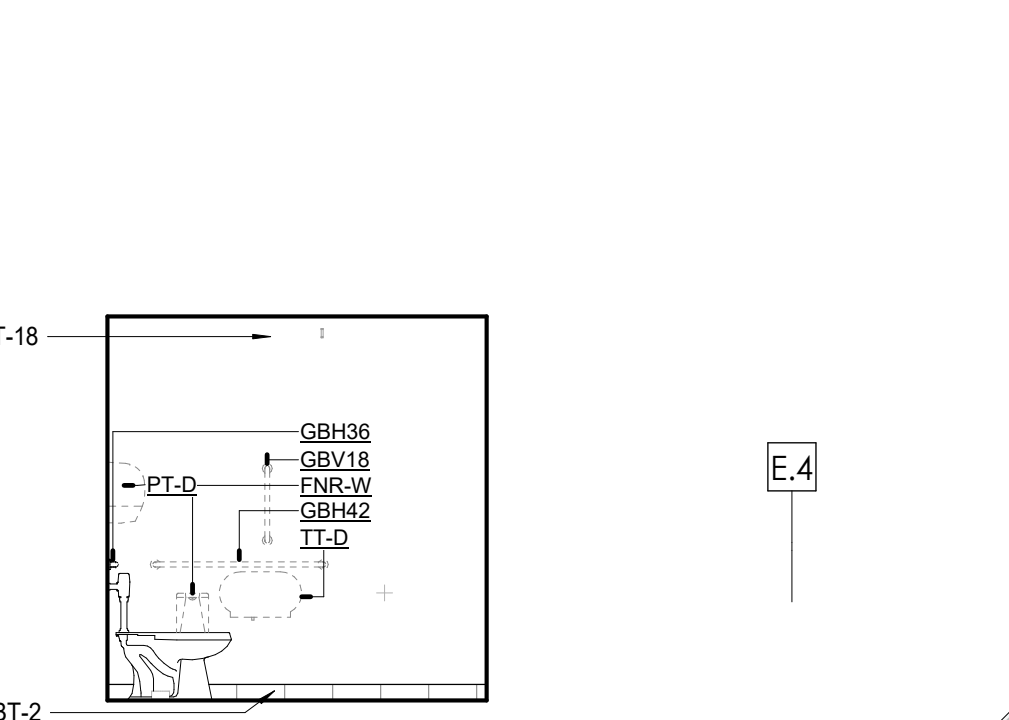
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A810.1 1/4" = 1'-0"



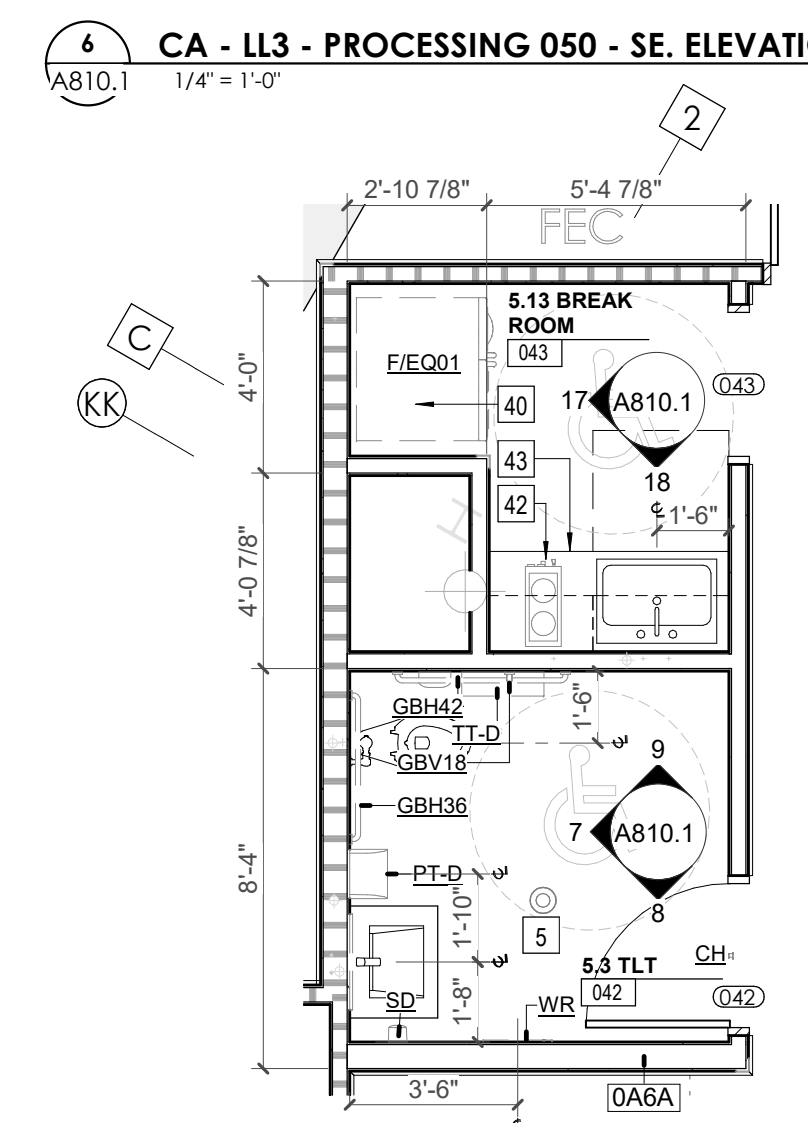
7 CA - TYP - TLTS 042 & 117 W. ELEVATION
A810.1 1/4" = 1'-0"



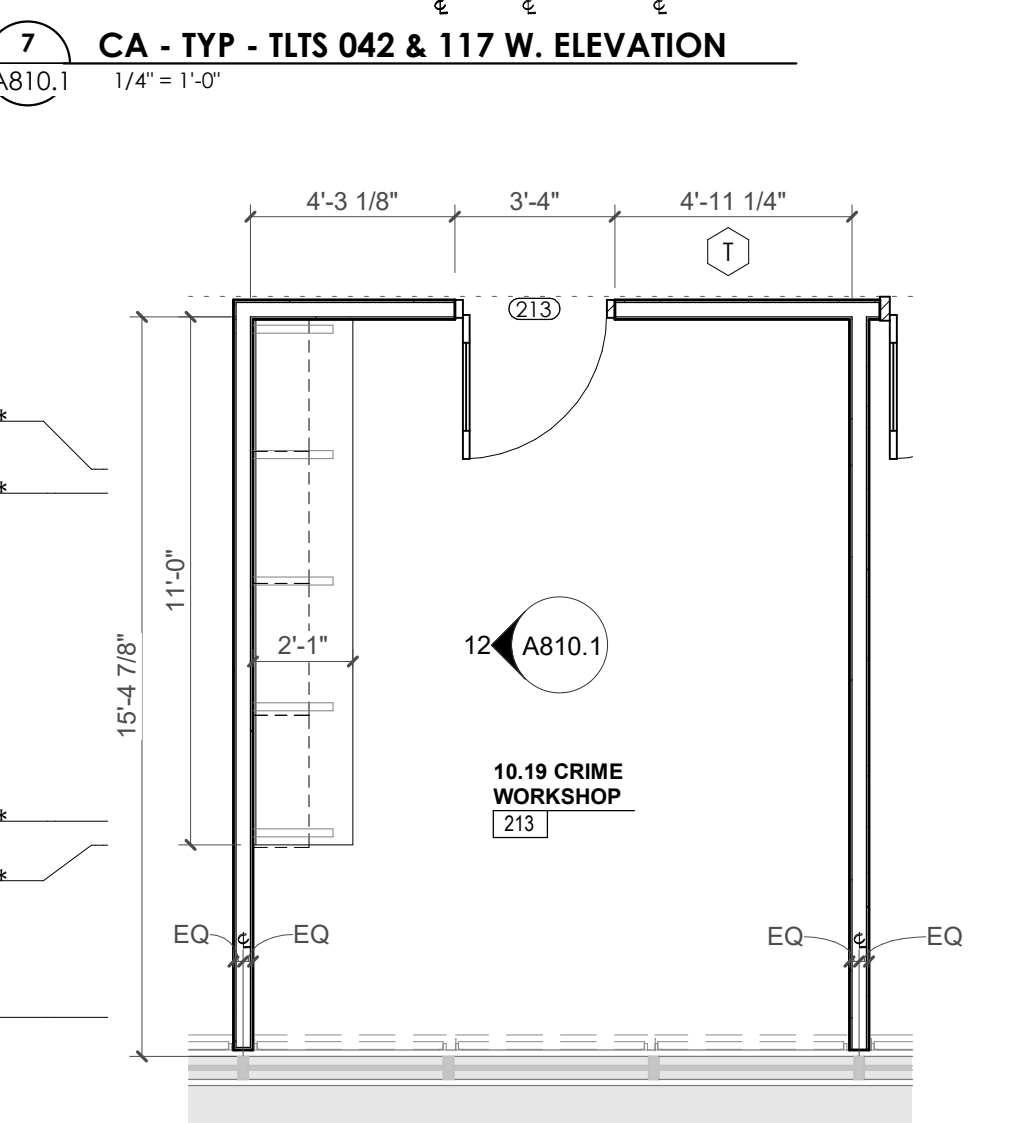
8 CA - TYP - TLTS 042 & 117 S. ELEVATION
A810.1 1/4" = 1'-0"



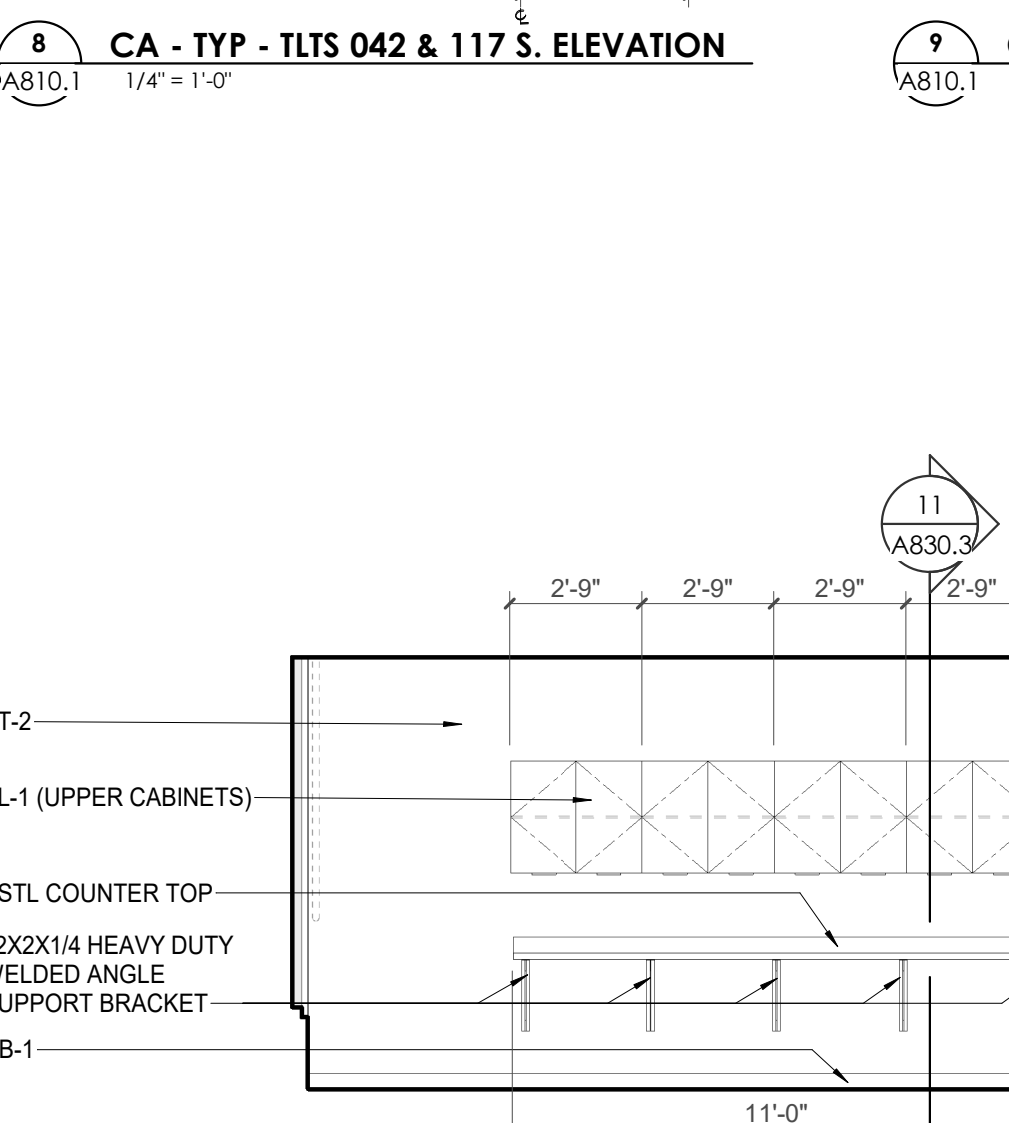
9 CA - TYP - TLTS 042 & 117 N. ELEVATION
A810.1 1/4" = 1'-0"



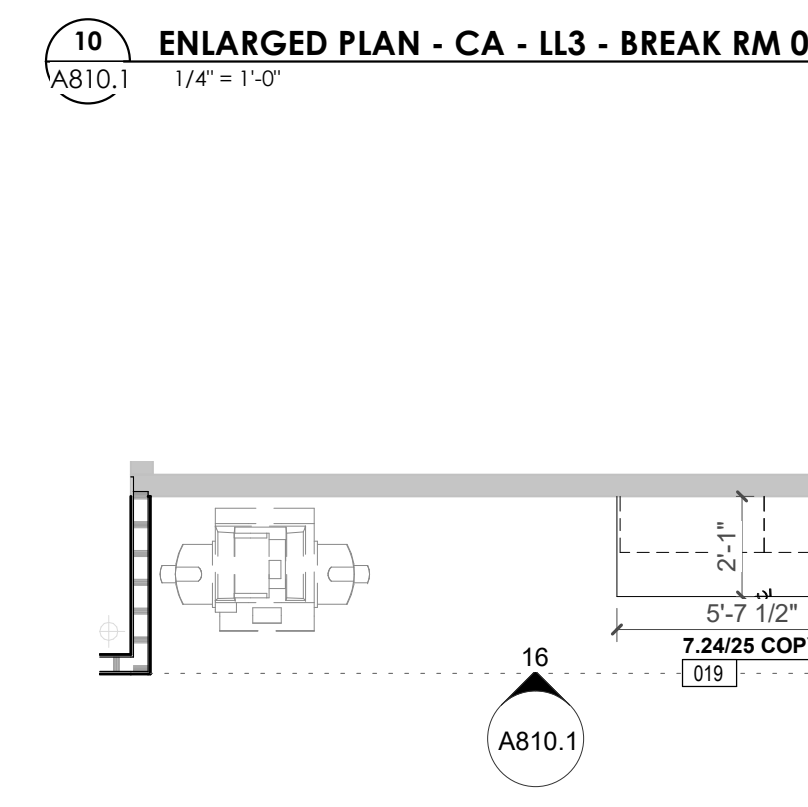
10 ENLARGED PLAN - CA - LL3 - BREAK RM 043
A810.1 1/4" = 1'-0"



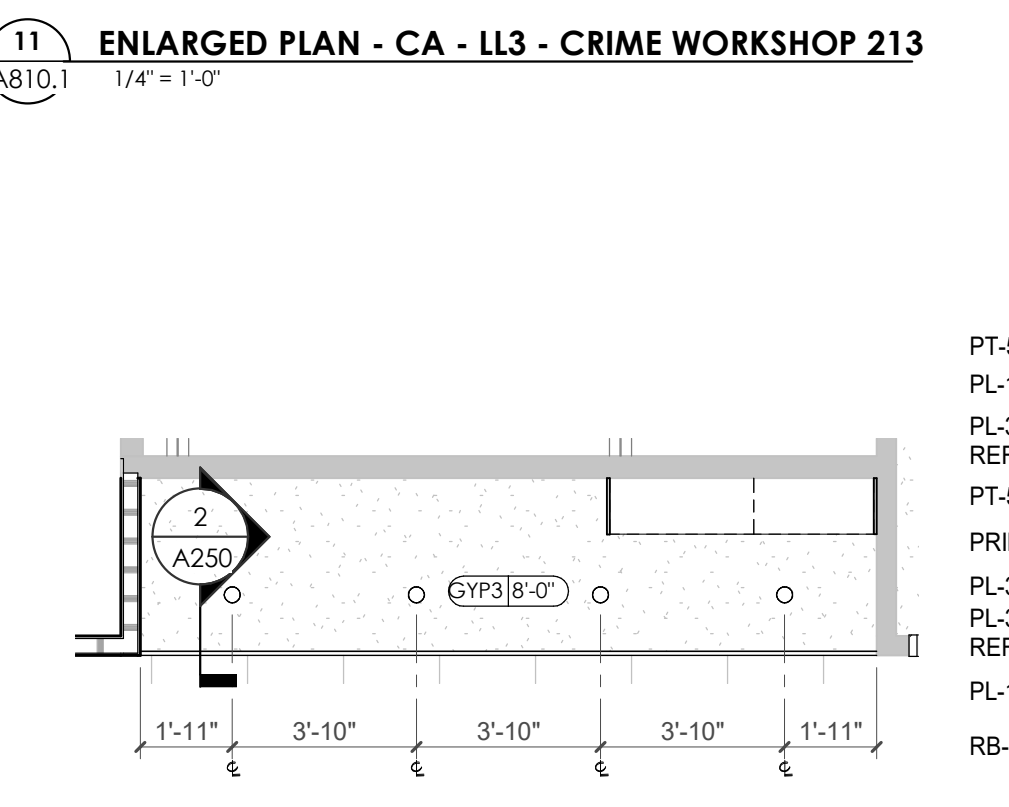
11 ENLARGED PLAN - CA - LL3 - CRIME WORKSHOP 213
A810.1 1/4" = 1'-0"



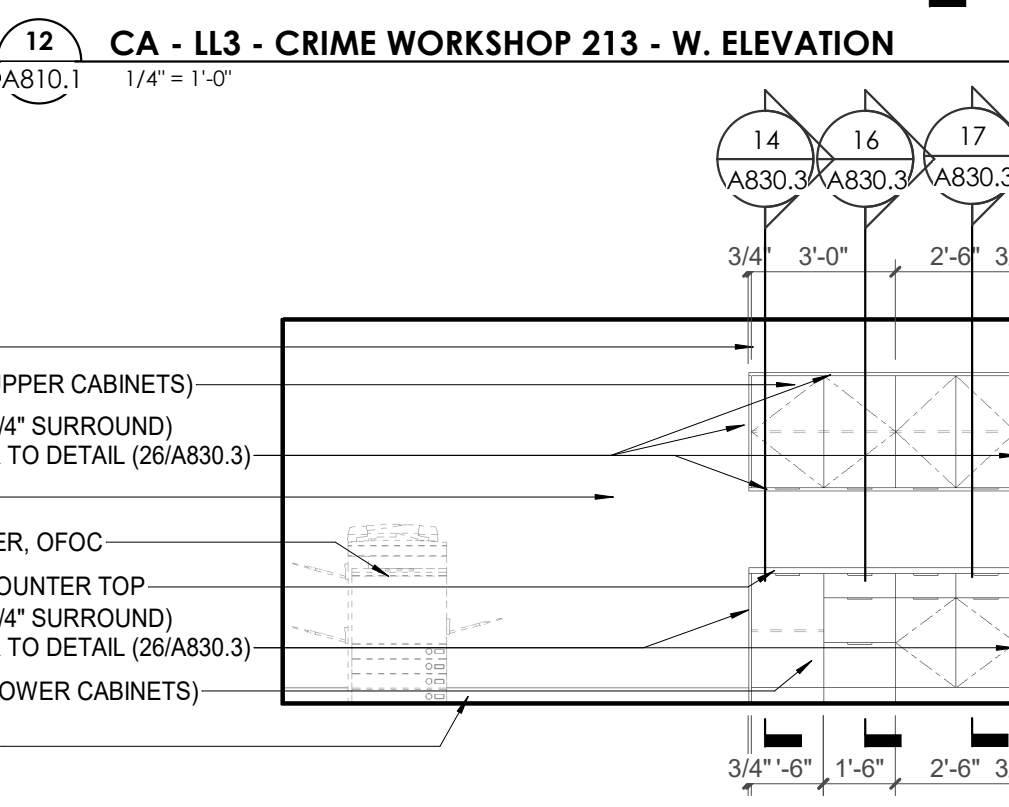
12 CA - LL3 - CRIME WORKSHOP 213 - W. ELEVATION
A810.1 1/4" = 1'-0"



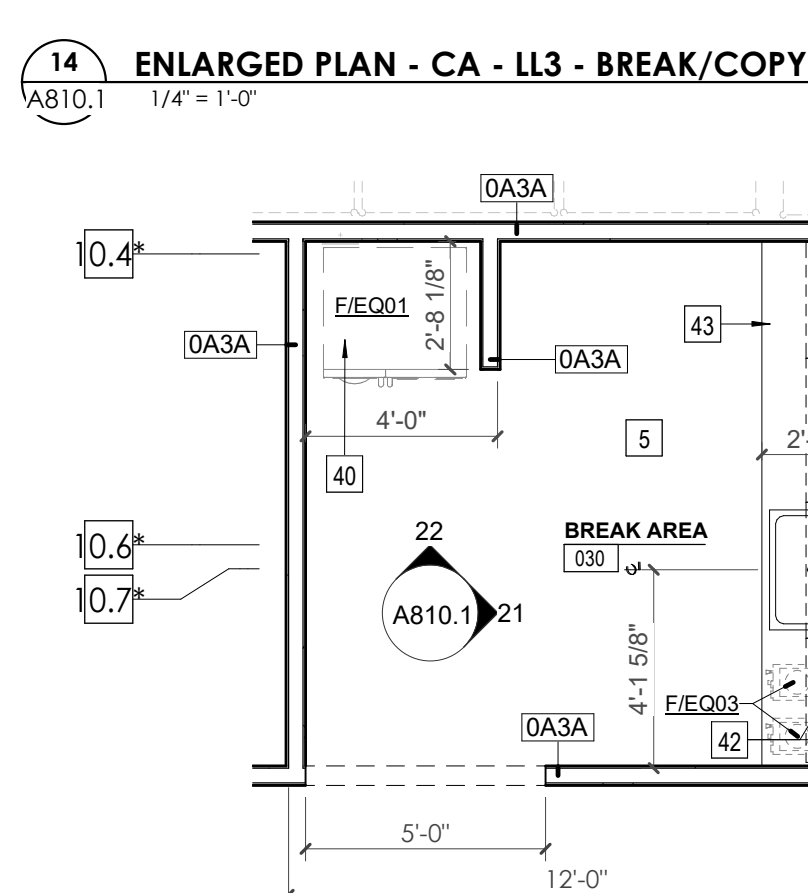
14 ENLARGED PLAN - CA - LL3 - BREAK/COPY 019
A810.1 1/4" = 1'-0"



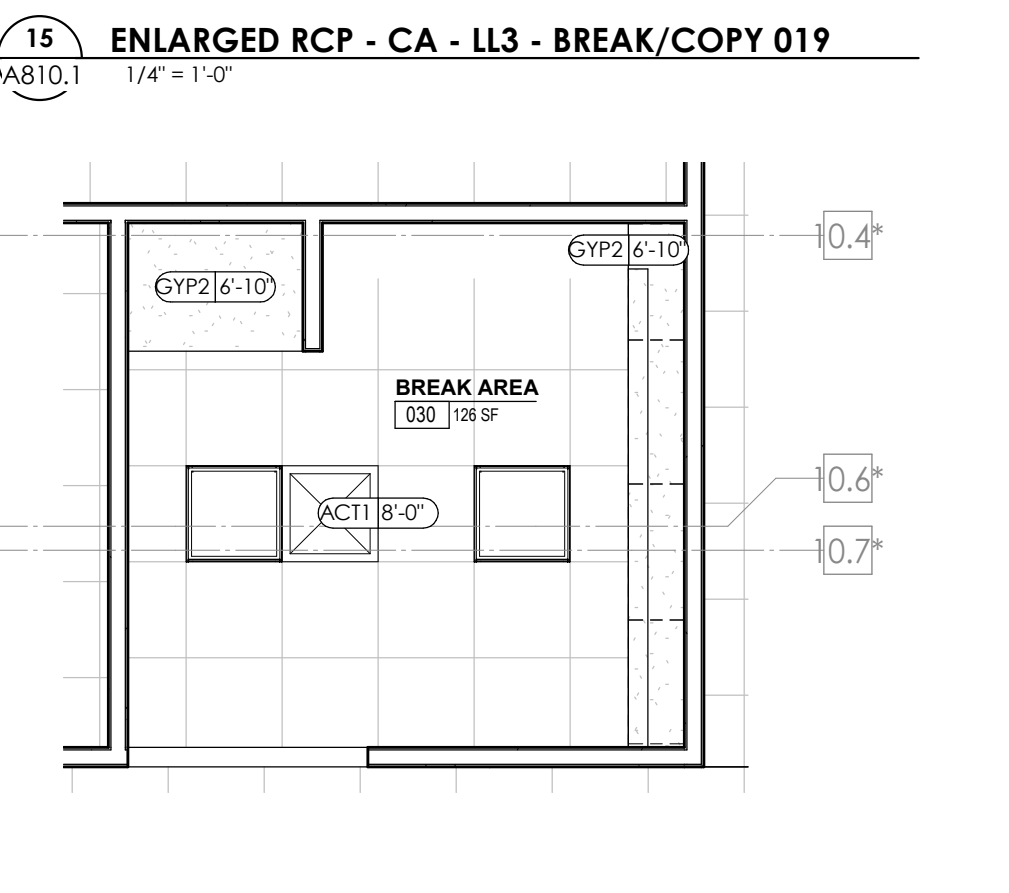
15 ENLARGED RCP - CA - LL3 - BREAK/COPY 019
A810.1 1/4" = 1'-0"



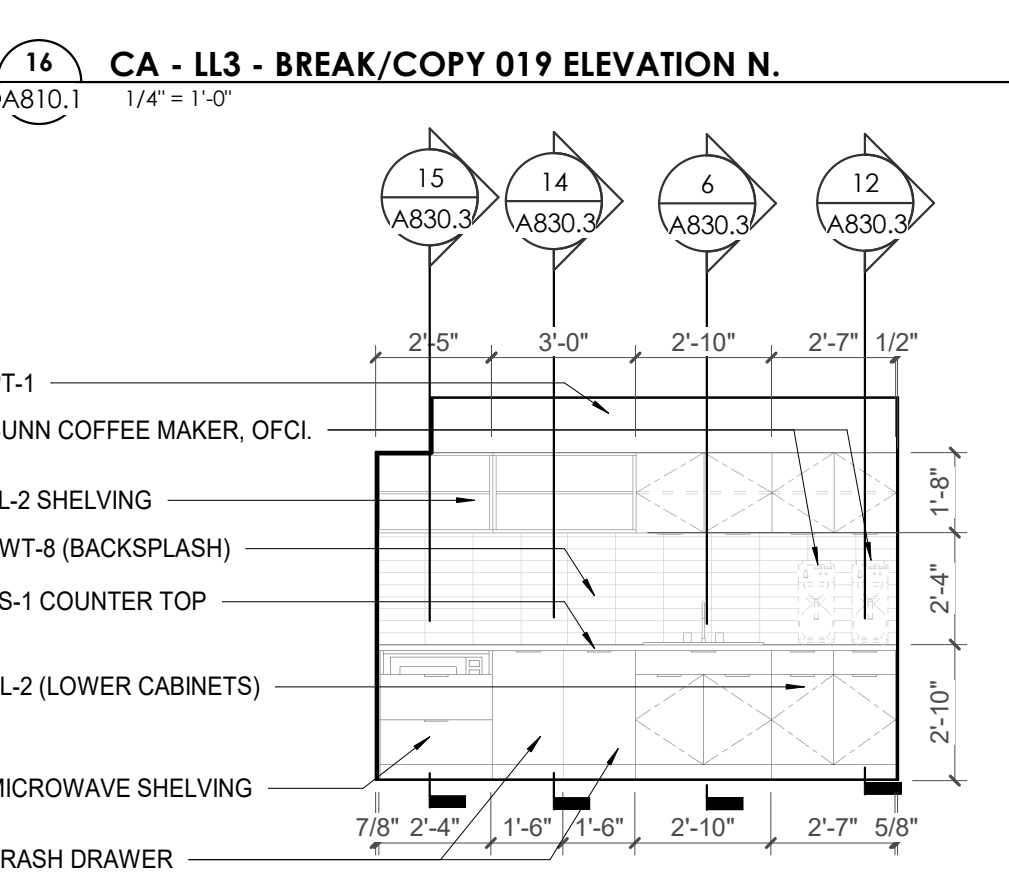
16 CA - LL3 - BREAK/COPY 019 ELEVATION
A810.1 1/4" = 1'-0"



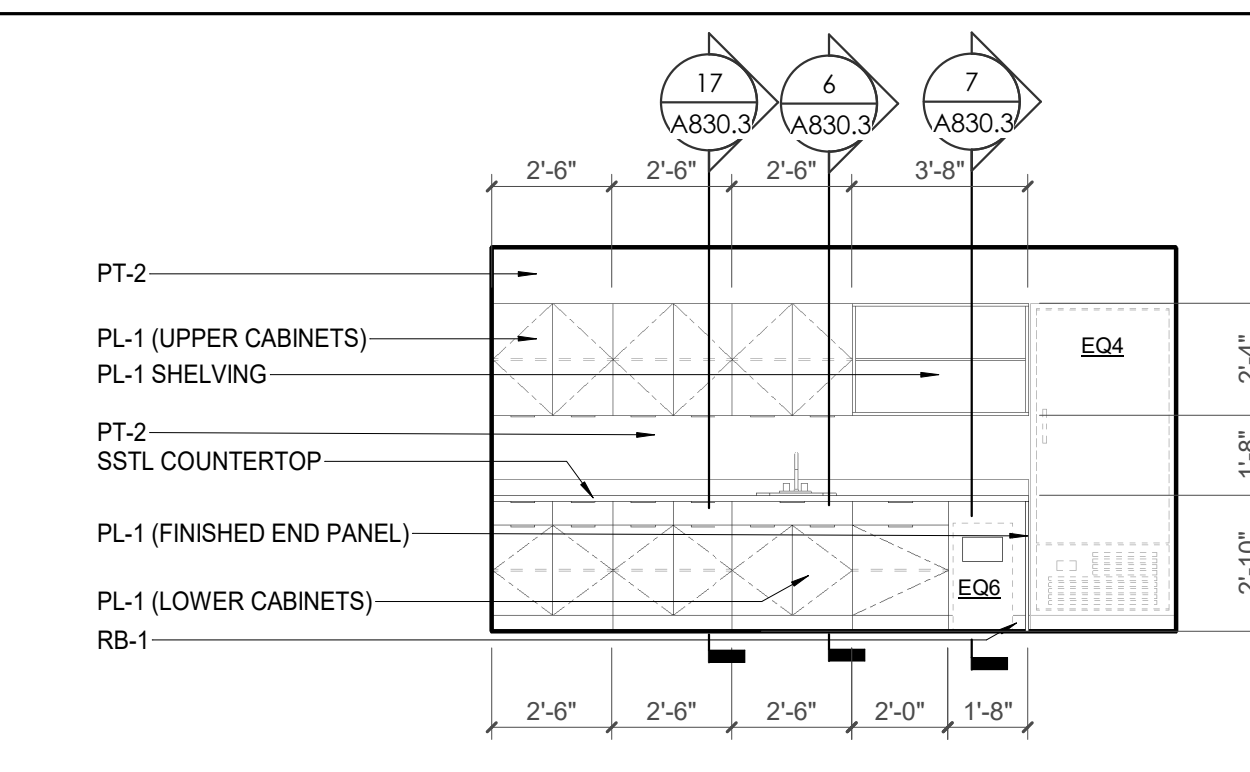
19 ENLARGED PLAN - CA - LL3 - BREAK AREA 030
A810.1 1/4" = 1'-0"



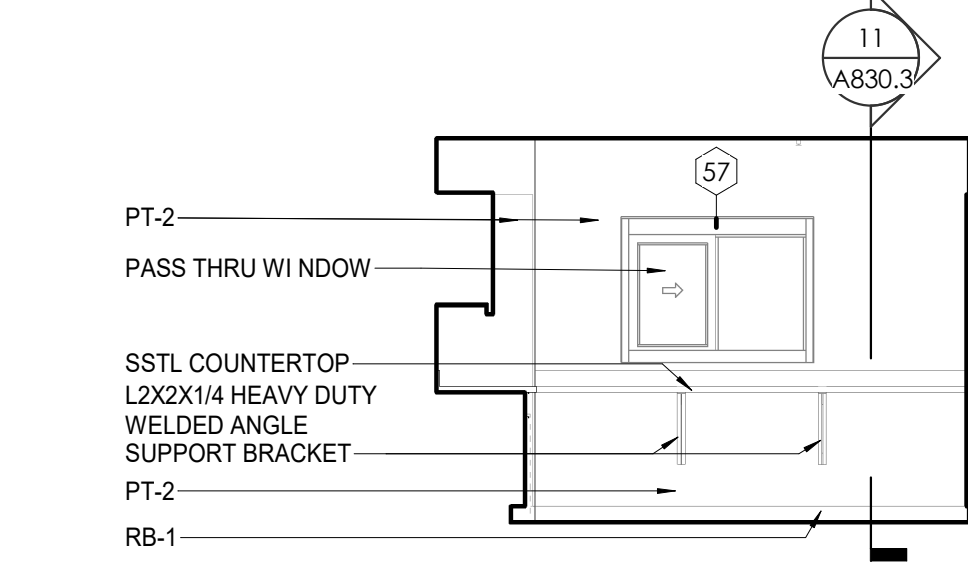
20 ENLARGED RCP - CA - LL3 - BREAK AREA 030
A810.1 1/4" = 1'-0"



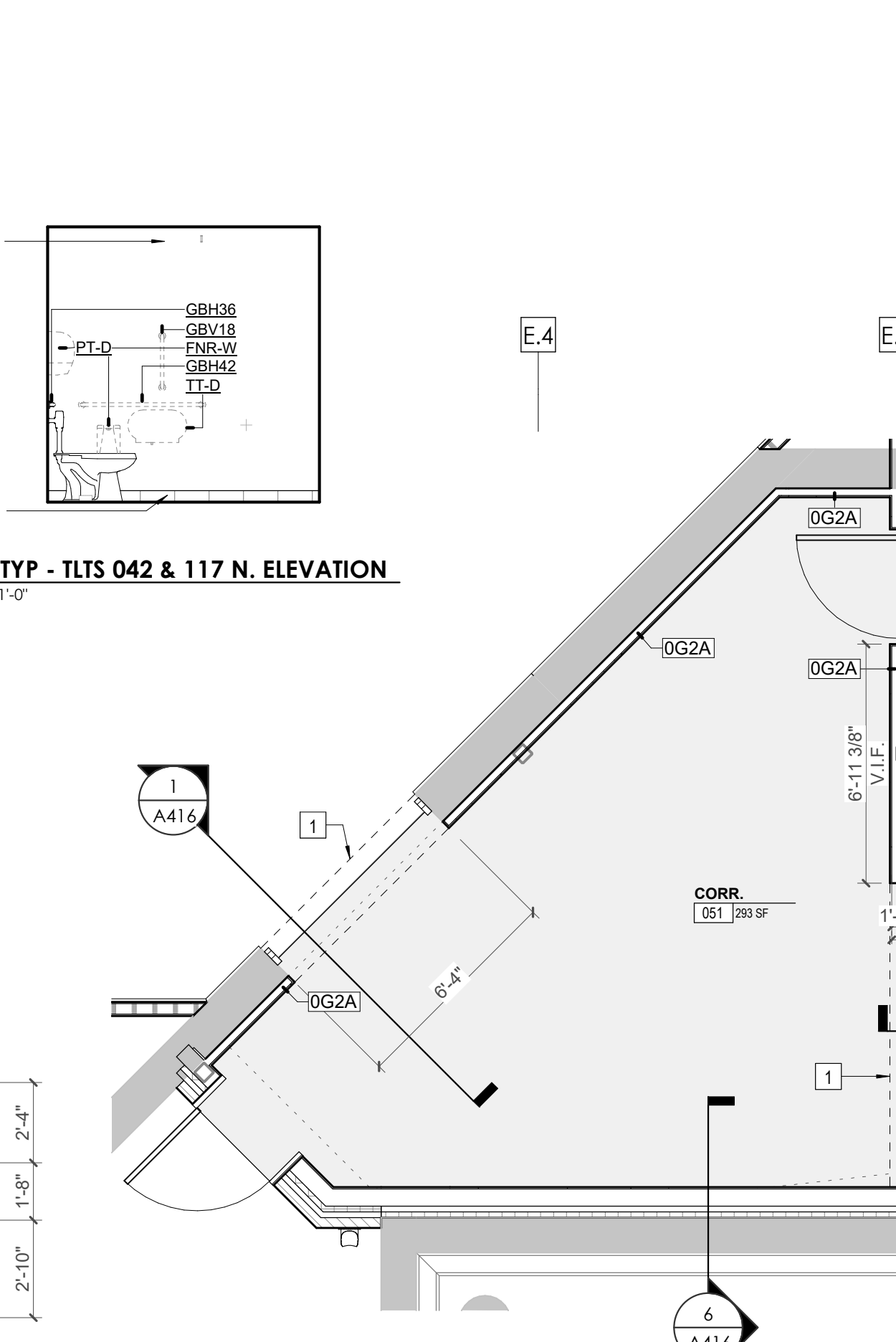
21 CA - LL3 - BREAK AREA 030 - E. ELEVATION
A810.1 1/4" = 1'-0"



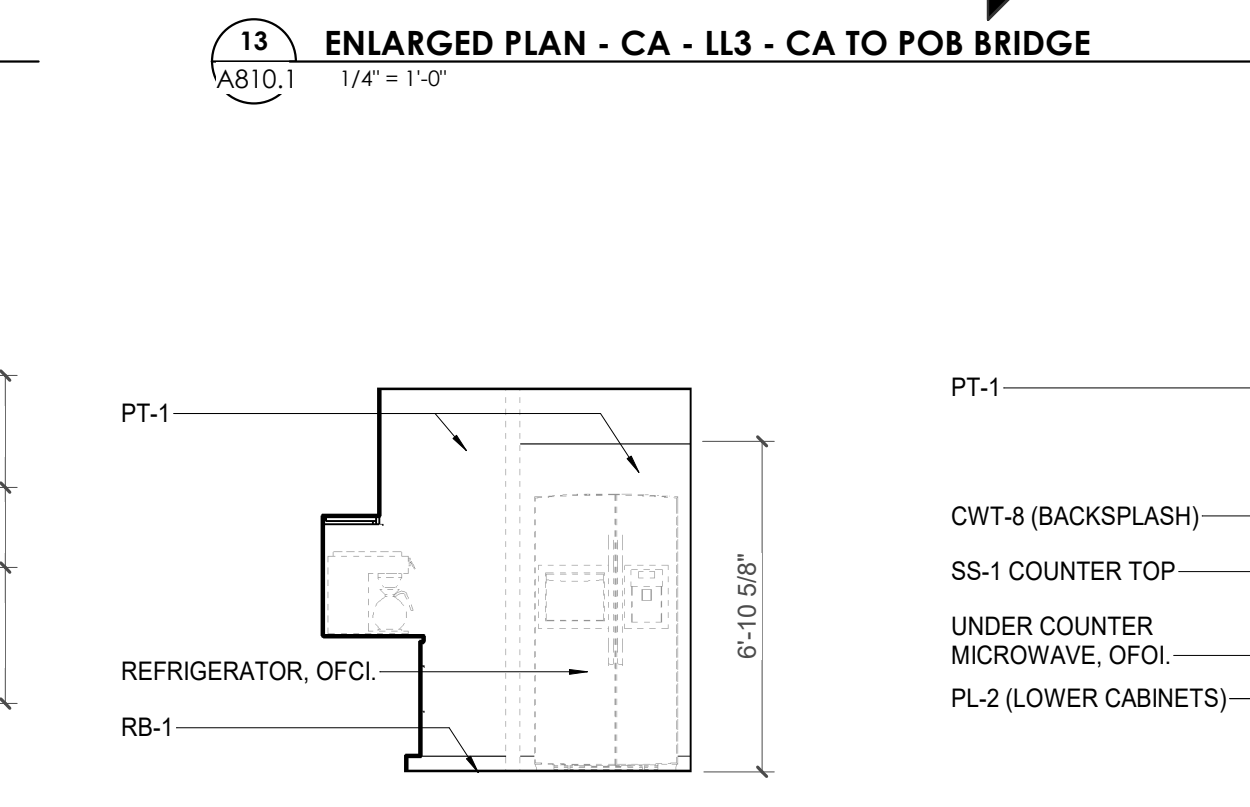
2 CA - LL3 - BAG & TAG 039 - W. ELEVATION
A810.1 1/4" = 1'-0"



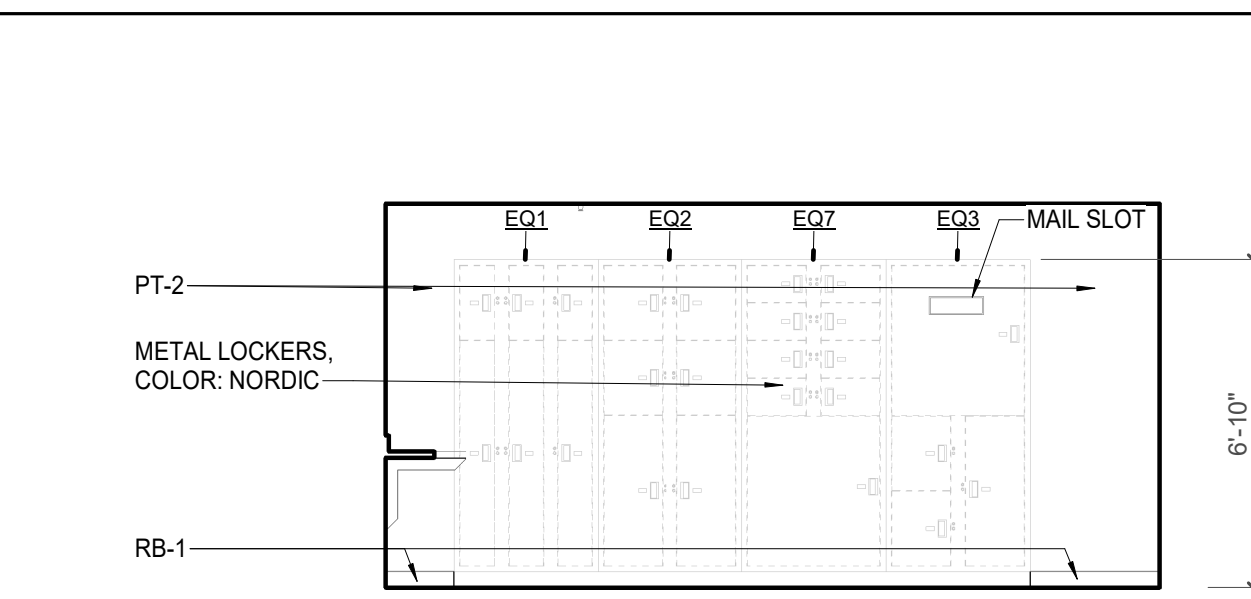
4 CA - LL3 - BAG & TAG 039 - N. ELEVATION
A810.1 1/4" = 1'-0"



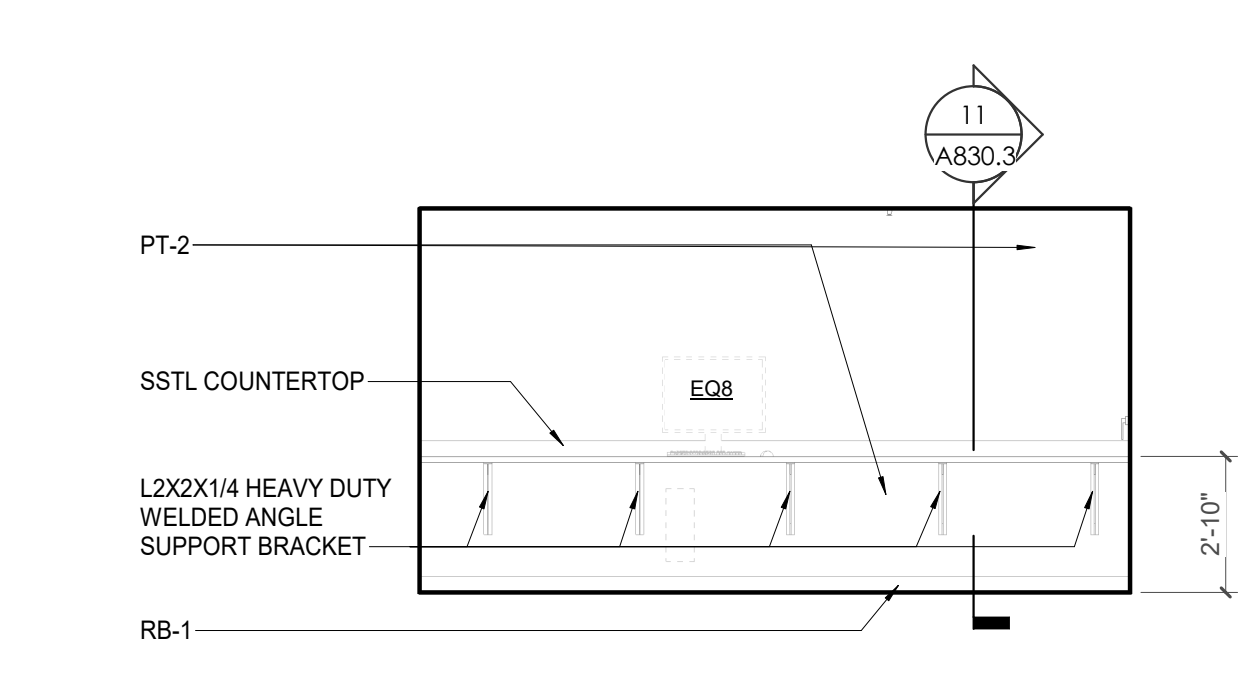
13 ENLARGED PLAN - CA - LL3 - CA TO POB BRIDGE
A810.1 1/4" = 1'-0"



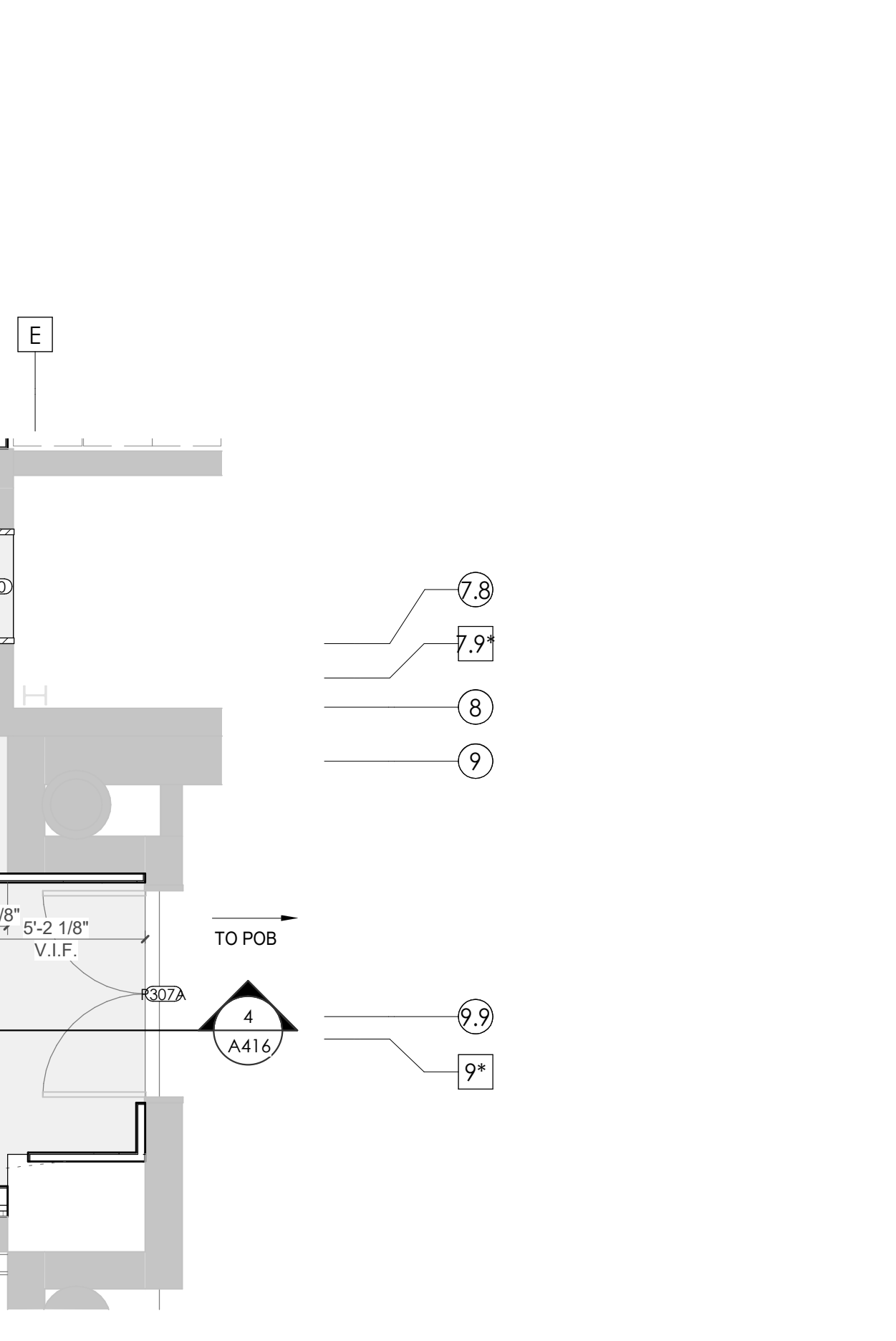
17 CA - LL3 - BREAK RM 043 W. ELEVATION
A810.1 1/4" = 1'-0"



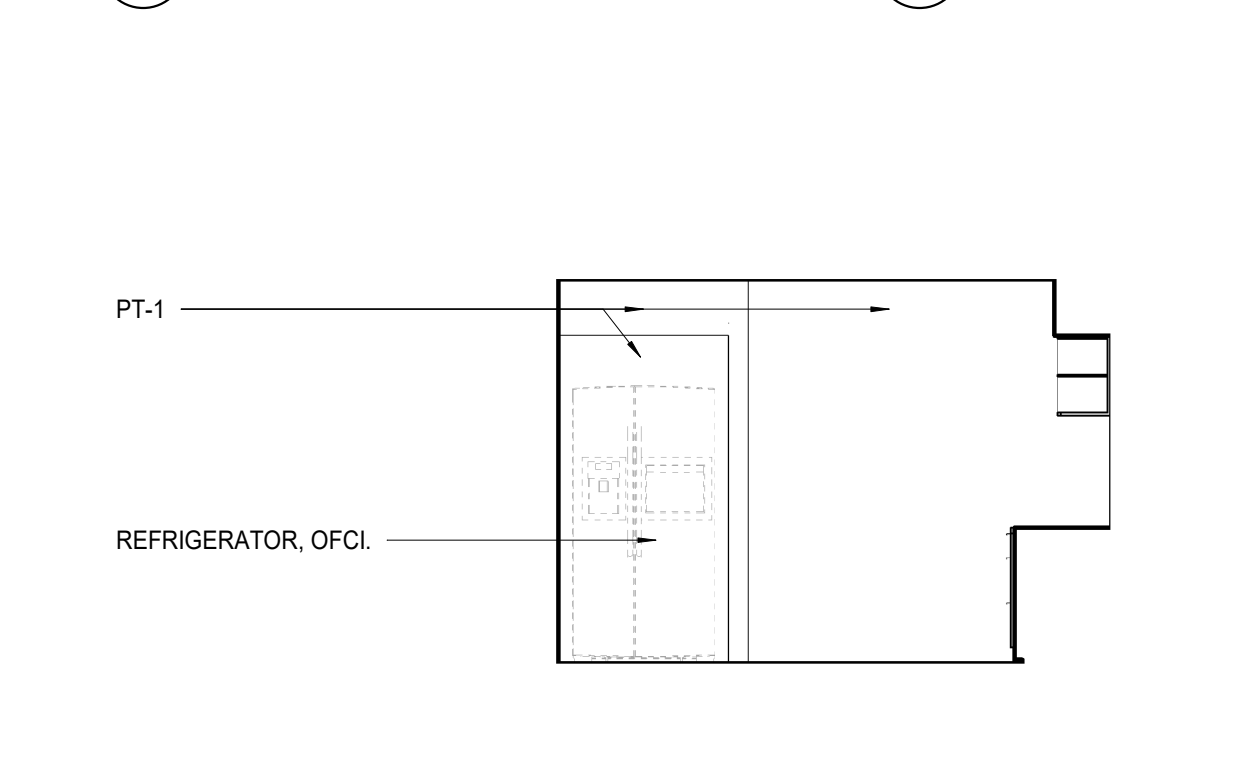
3 CA - LL3 - BAG & TAG 039 - E. ELEVATION
A810.1 1/4" = 1'-0"



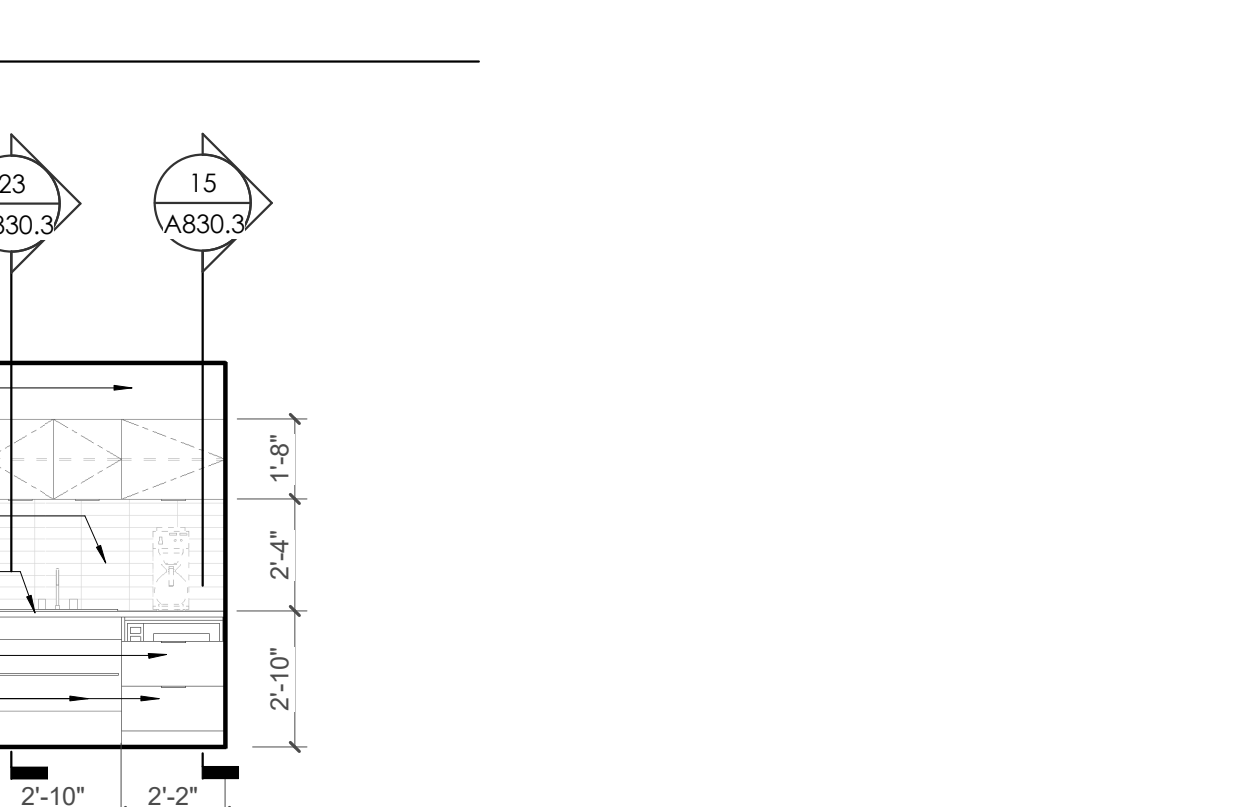
5 CA - LL3 - PROCESSING 050 - S. ELEVATION
A810.1 1/4" = 1'-0"



18 CA - LL3 - BREAK RM 043 S. ELEVATION
A810.1 1/4" = 1'-0"



22 CA - LL3 - BREAK AREA 030 - N. ELEVATION
A810.1 1/4" = 1'-0"

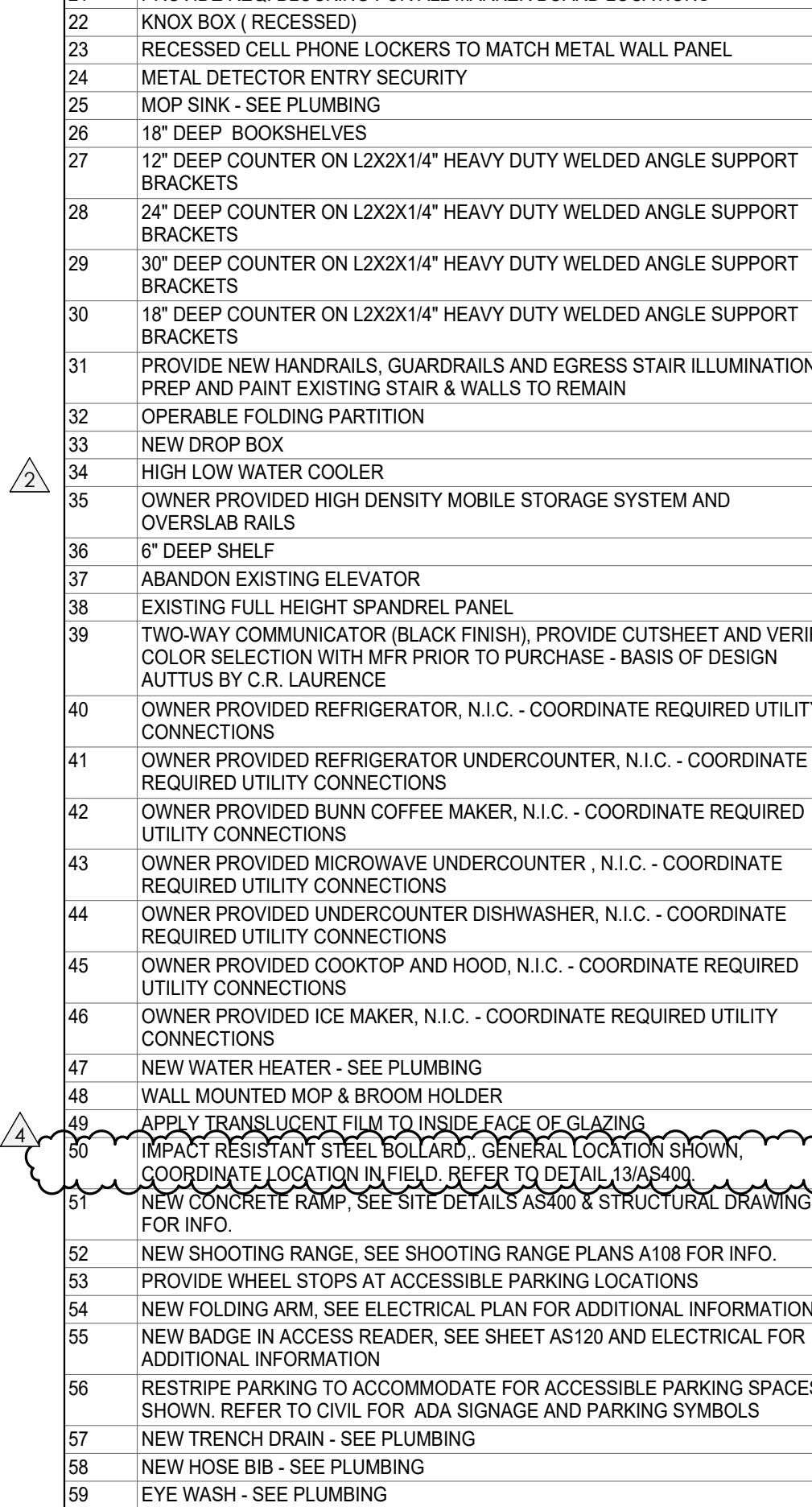


23 CA - LL3 - BREAK/COPY 019 S. ELEVATION
A810.1 1/4" = 1'-0"

TOILET ACCESSORIES LEGEND	
MARK	DESCRIPTION
GBH42	42" HORIZONTAL GRAB BAR, ADA, COLOR: STAINLESS STEEL
GBH36	36" HORIZONTAL GRAB BAR, ADA, COLOR: STAINLESS STEEL
GBV18	18" VERTICAL GRAB BAR, ADA, COLOR: STAINLESS STEEL
MR-01	24" X 36" MIRROR, BLACK FRAME
MR-02	LOCKER ROOM FRAMELESS MIRROR
MR-03	20" X 50" MIRROR, DOOR MOUNTED, BLACK FRAME
FNH-S	FEMININE NAPKIN RECEPTACLE, SURFACE-MTD, FINISH: STAINLESS STEEL
TT-D	TOILET TISSUE, DOUBLE-ROLL DISPENSER, FINISH: BLACK
HD	HAND DRYER, WALL-MOUNTED, FINISH: BLACK
PT-D	AUTOMATIC PAPER TOWEL DISPENSER, WALL-MTD, FINISH: BLACK
WR	WASTE RECEPTACLE, FINISH: BLACK
CS	CHANGING STATION, FINISH: STAINLESS STEEL
CH	COAT HOOK, FINISH: BLACK
SR-01	36" SHOWER ROD, FINISH: BLACK
SR-02	60" SHOWER ROD, FINISH: BLACK
SS	SHOWER SEAT, PER ADA, FINISH: PHENOLIC

WALL LEGEND	
[Symbol]	2 HR PARTITION (ASSEMBLY VARIES)
[Symbol]	1 HR PARTITION (ASSEMBLY VARIES)
[Symbol]	BALLISTIC LEVEL 3 PARTITION (ASSEMBLY VARIES)
[Symbol]	NEW PARTITION (ASSEMBLY VARIES)
[Symbol]	EXISTING PARTITION
[Symbol]	EXISTING PARTITION TO BE DEMOLISHED

KEYNOTES - FLOOR PLANS	
TAG	TEXT
1	SOFFIT ABOVE (DASHED)
2	EXISTING EGRESS STAIR TO REMAIN - PREP & PAINT EXISTING HANDRAILS, STAIR, & WALLS TO REMAIN
3	EXISTING ELEVATOR TO BE MODIFIED/REPLACED AS REQUIRED TO REACH ALL FOUR (4) FLOORS. SEE ELEVATOR PLANS & DETAILS SHEET FOR INFO.
4	EXISTING ELEVATOR - REFURBISH EQUIPMENT & CONTROLS, NEW FINISHES TO INTERIOR OF CAR AS REQ'D. SEE ELEVATOR PLANS & DETAILS SHEET FOR INFO.
5	NEW FLOOR DRAIN - REFER TO PLUMBING
6	SHADED AREA DENOTES NEW CONCRETE FLOOR SLAB - REFER TO STRUCT.
7	BALLISTIC LEVEL 3 RATING AND GLAZING - CONT. TO 8'-0" AFF MIN.
8	MOBILE VEHICLE LIFT
9	OVERHEAD COILING DOOR SEE MANUF. REQ'S
10	OWNER PROVIDED WOOD PEW SEATING - N.I.C.
11	OWNER PROVIDED 36" DEEP OPEN SHELVING - N.I.C.
12	18" X 24" X 72" HEAVY DUTY LOCKER WITH DRAWER/BENCH (TYPE 1)
13	18" X 24" X 72" HEAVY DUTY THREE-TIER LOCKERS (TYPE 2)
14	NEW PASS THRU LOCKERS - TYPE 3
15	RECESSED SIDE ARMS LOCKERS (ONE FOUR DOOR UNIT AT EACH DOOR)
16	PUBLIC WEAPONS STG LOCKERS - TABLE PHONE WALL LOCKERS WITH 12 DOORS (TYPE 5)
17	CANOPY ABOVE (DASHED)
18	OWNER PROVIDED DRYING CABINETS - N.I.C.
19	OWNER PROVIDED COPIER - N.I.C.
20	PROVIDE REQ. BLOCKING FOR LOCATIONS WHERE WALL MOUNTED TV MONITORS ARE LOCATED REFER TO EQUIPMENT PLANS FOR LOCATIONS
21	PROVIDE REQ. BLOCKING FOR ALL MARKER BOARD LOCATIONS
22	KNOX BOX (RECESSED)
23	RECESSED CELL PHONE LOCKERS TO MATCH METAL WALL PANEL
24	METAL DETECTOR ENTRY SECURITY
25	MOP SINK - SEE PLUMBING
26	18" DEEP BOOKSHELVES
27	12" DEEP COUNTER ON L2X2X1/4" HEAVY DUTY WELDED ANGLE SUPPORT BRACKETS
28	24" DEEP COUNTER ON L2X2X1/4" HEAVY DUTY WELDED ANGLE SUPPORT BRACKETS
29	30" DEEP COUNTER ON L2X2X1/4" HEAVY DUTY WELDED ANGLE SUPPORT BRACKETS
30	18" DEEP COUNTER ON L2X2X1/4" HEAVY DUTY WELDED ANGLE SUPPORT BRACKETS
31	PROVIDE NEW HANDRAILS, GUARDRAILS AND EGRESS STAIR ILLUMINATION. PREP AND PAINT EXISTING STAIR & WALLS TO REMAIN
32	OPERABLE FOLDING PARTITION
33	NEW DROP BOX
34	HIGH LOW WATER COOLER
35	OWNER PROVIDED HIGH DENSITY MOBILE STORAGE SYSTEM AND OVERHEAD RAILS
36	6" DEEP SHELF
37	ABANDON EXISTING ELEVATOR
38	EXISTING FULL HEIGHT SPANDREL PANEL
39	TWO-WAY COMMINGATOR (BLACK FINISH), PROVIDE CUTSHEET AND VERIFY COLOR SELECTION WITH MFR PRIOR TO PURCHASE - BASIS OF DESIGN
40	OWNER PROVIDED REFRIGERATOR, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
41	OWNER PROVIDED REFRIGERATOR UNDERCOUNTER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
42	OWNER PROVIDED BUUN COFFEE MAKER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
43	OWNER PROVIDED MICROWAVE UNDERCOUNTER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
44	OWNER PROVIDED UNDERCOUNTER DISHWASHER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
45	OWNER PROVIDED COOKTOP AND HOOD, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
46	OWNER PROVIDED ICE MAKER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
47	NEW WATER HEATER - SEE PLUMBING
48	WALL MOUNTED MOP & BROOM HOLDER
49	APPLY TRANSLUCENT FILM TO INSIDE FACE OF GLAZING
50	IMPACT RESISTANT STEEL BOLLARD, GENERAL LOCATION SHOWN. COORDINATE LOCATION IN FIELD REFER TO DETAIL 13A830.3
51	NEW CONCRETE RAMP, SEE SITE DETAILS A8400 & STRUCTURAL DRAWINGS FOR INFO.
52	NEW SHOOTING RANGE, SEE SHOOTING RANGE PLANS A108 FOR INFO.
53	PROVIDE WHEEL STOPS AT ACCESSIBLE PARKING LOCATIONS
54	NEW FOLDING ARM, SEE ELECTRICAL PLAN FOR ADDITIONAL INFORMATION
55	NEW BARGE IN ACCESS READER, SEE SHEET A5120 AND ELECTRICAL FOR ADDITIONAL INFORMATION
56	RESTRIPED PARKING TO ACCOMMODATE FOR ACCESSIBLE PARKING SPACES SHOWN. REFER TO CIVIL FOR ADA SIGNAGE AND PARKING SYMBOLS
57	NEW TRENCH DRAIN - SEE PLUMBING
58	NEW HOSE BIB - SEE PLUMBING
59	EYE WASH - SEE PLUMBING
60	1" FLUSH FLOOR TO FLOOR 2 HR EXPANSION JOINT (TYPE 1) TO MATCH ADJACENT TILE - SEE STRUC AND DETAILS ON A111.2
61	1" FLUSH FLOOR TO FLOOR 2 HR EXPANSION JOINT (TYPE 2) TO MATCH ADJACENT CARPET - SEE STRUC AND DETAILS ON A111.2
62	1" FLUSH FLOOR TO WALL 2 HR EXPANSION JOINT (TYPE 3) TO MATCH ADJACENT CARPET - SEE STRUC AND DETAILS ON A111.2
63	1" FLUSH FLOOR TO WALL 2 HR EXPANSION JOINT (TYPE 4) TO MATCH ADJACENT TILE - SEE STRUC AND DETAILS ON A111.2
64	1" FLUSH WALL-CEILING TO WALL-CILING EXPANSION JOINT (TYPE 5) TO MATCH ADJACENT PAINT COLOR - SEE STRUC AND DETAILS ON A111.2
65	1" EXPANSION JOINT (TYPE 6) TO MATCH ADJACENT BRICK - SEE STRUC AND DETAILS
66	ADA PUSH BUTTON
67	FLOOR BOX - VERIFY FINAL LOCATION PRIOR TO INSTALLATION W/ ARCHITECT, COORDINATE W/ SYSTEMS FURNITURE - SEE ELECTRICAL
68	OWNER PROVIDED VENDING MACHINE, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
69	CEILING MOUNTED TV, PROVIDE NECESSARY MOUNTING HARDWARE - SEE ELECTRICAL AND TELECOMMUNICATIONS
70	OWNER PROVIDED MICROWAVE, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
71	24" DEEP STAINLESS PASS THROUGH COUNTER INSTALLED 34" A.F.F. SEE ENLARGED PLANS FOR INFO.



KEY PLAN

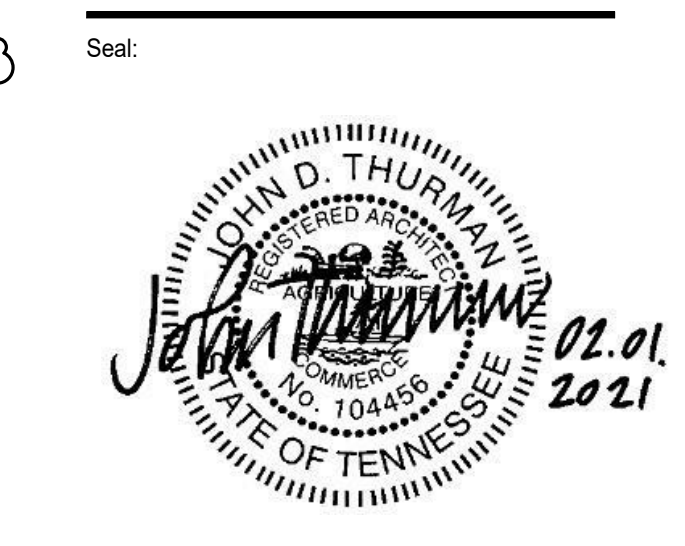
MHM

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Knoxville, TN 37902
1-865-544-2000
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Project Information:
19018

COK PUBLIC SAFETY COMPLEX
900 East Oak Hill Ave, Knoxville, TN



Consultant:
Architects Design Group

#	ISSUE	DATE
2	ADD #02.1	02/17/21
4	ADD #04.1	03/03/21

Issue Date:	FEBRUARY 01, 2021
PKC:	DAVID COLLINS
PM:	JOHN THURMAN
PA:	LAUREN BUSH /
Drawn By:	Author
Checked By:	BP
Drawing Info:	

A810.1
CA - ENLARGED PLANS AND ELEVATIONS LL3 - EVIDENCE/FORENSICS



Project Information:

19018

COK PUBLIC SAFETY COMPLEX

900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:
Architects Design Group

#	ISSUE	DATE
2	ADD #02.1	02/17/21
4	ADD #04.1	03/03/21

Issue Date: FEBRUARY 01, 2021
 PIC: DAVID COLLINS
 PM: JOHN THURMAN
 PA: LAUREN BUSH /
 Drawn By: ADG
 Checked By: BP

Drawing Info:

A810.2

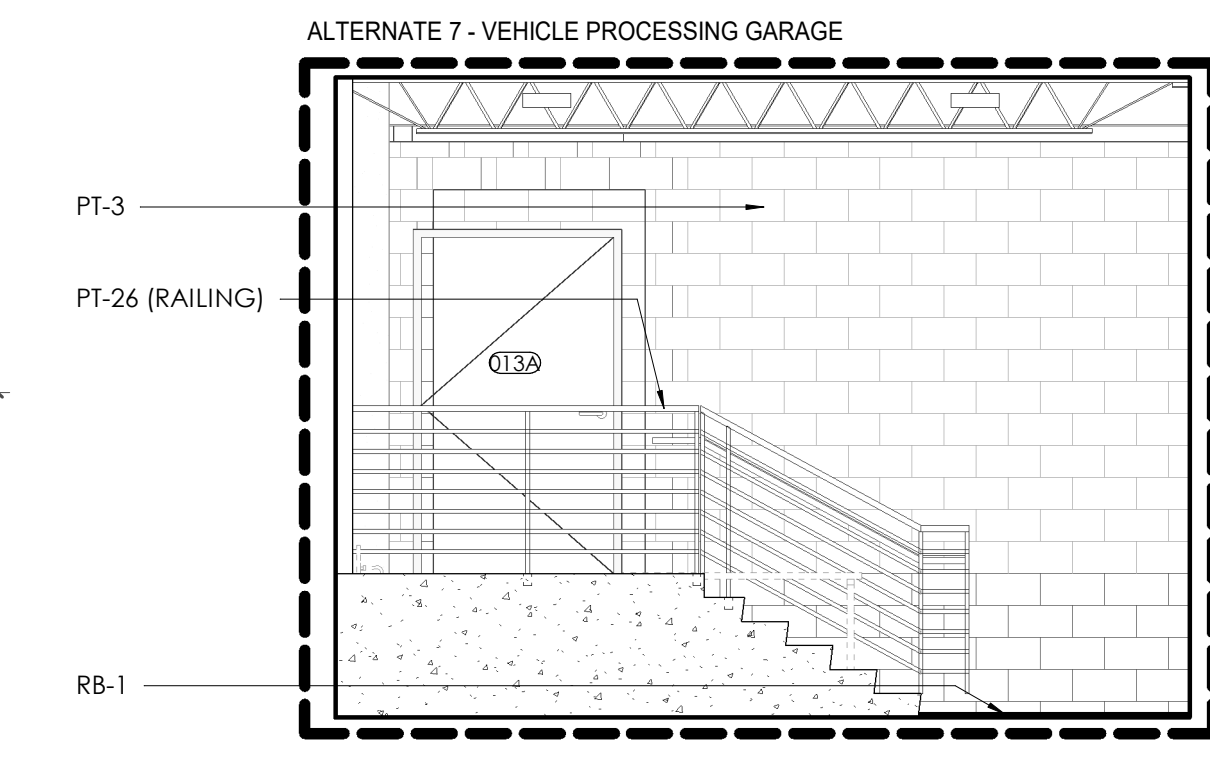
CA - ENLARGED PLANS AND ELEVATIONS LL3 - VPG

WALL LEGEND

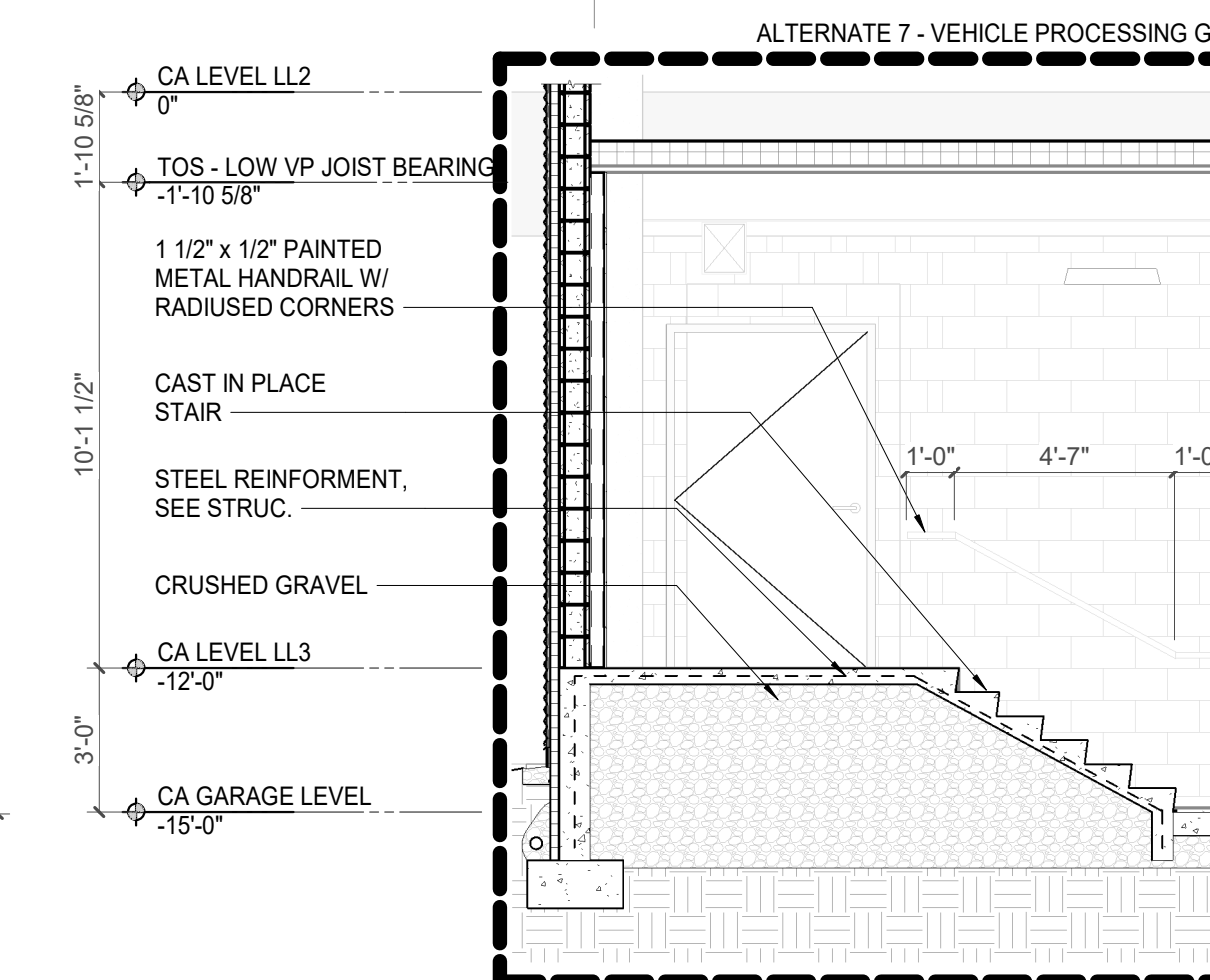
	2 HR PARTITION (ASSEMBLY VARIES)
	1 HR PARTITION (ASSEMBLY VARIES)
	BALLISTIC LEVEL 3 PARTITION (ASSEMBLY VARIES)
	NEW PARTITION (ASSEMBLY VARIES)
	EXISTING PARTITION
	EXISTING PARTITION TO BE DEMOLISHED

KEYNOTES - FLOOR PLANS

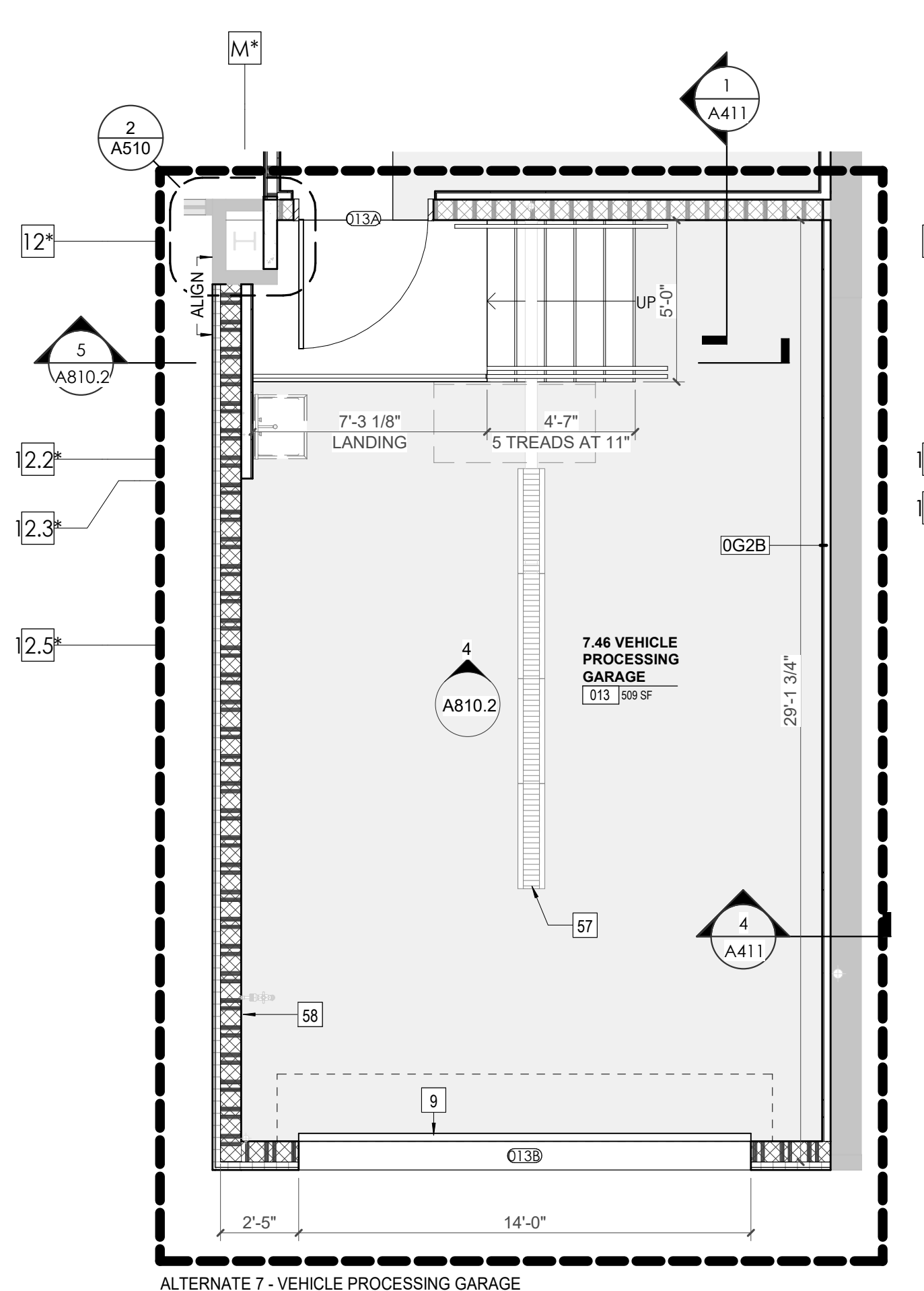
TAG	TEXT
1	SOFFIT ABOVE (DASHED)
2	EXISTING EGRESS STAIR TO REMAIN - PREP & PAINT EXISTING HANDRAILS, STAIR, & WALLS TO REMAIN
3	EXISTING ELEVATOR TO BE MODIFIED/REPLACED AS REQUIRED TO REACH ALL FOUR (4) FLOORS. SEE ELEVATOR PLANS & DETAILS SHEET FOR INFO.
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6	SHADED AREA DENOTES NEW CONCRETE FLOOR SLAB - REFER TO STRUC.
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8	MOBILE VEHICLE LIFT
9	OVERHEAD COILING DOOR SEE MANUF. REQ'S
10	OWNER PROVIDED WOOD PEW SEATING - N.I.C.
11	OWNER PROVIDED 36" DEEP OPEN SHELVING - N.I.C.
12	18" X 24" X 72" HEAVY DUTY LOCKER WITH DRAWER/BENCH (TYPE 1)
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15	RECESSED SIDE ARMS LOCKERS (ONE FOUR DOOR UNIT AT EACH DOOR)
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17	CANOPY ABOVE (DASHED)
18	OWNER PROVIDED DRYING CABINETS - N.I.C.
19	OWNER PROVIDED COPIER - N.I.C.
20	PROVIDE REQ. BLOCKING FOR LOCATIONS WHERE WALL MOUNTED TV MONITORS ARE LOCATED. REFER TO EQUIPMENT PLANS FOR LOCATIONS
21	PROVIDE REQ. BLOCKING FOR ALL MARKER BOARD LOCATIONS
22	KNOX BOX (RECESSED)
23	RECESSED CELL PHONE LOCKERS TO MATCH METAL WALL PANEL
24	METAL DETECTOR ENTRY SECURITY
25	MOP SINK - SEE PLUMBING
26	18" DEEP BOOKSHELVES
27	12" DEEP COUNTER ON L2X2X1/4" HEAVY DUTY WELDED ANGLE SUPPORT BRACKETS
28	24" DEEP COUNTER ON L2X2X1/4" HEAVY DUTY WELDED ANGLE SUPPORT BRACKETS
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32	OPERABLE FOLDING PARTITION
33	NEW DROP BOX
34	HIGH LOW WATER COOLER
35	OWNER PROVIDED HIGH DENSITY MOBILE STORAGE SYSTEM AND OVERSIZING RAILS
36	6" DEEP SHELF
37	ABANDON EXISTING ELEVATOR
38	EXISTING FULL HEIGHT SPANDREL PANEL
39	TWO-WAY COMMUNICATOR (BLACK FINISH). PROVIDE CUTSHEET AND VERIFY COLOR SELECTION WITH MFR PRIOR TO PURCHASE - BASIS OF DESIGN
40	AUTBUS BY C.R. LAURENCE
41	OWNER PROVIDED REFRIGERATOR, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
42	OWNER PROVIDED REFRIGERATOR UNDERCOUNTER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
43	OWNER PROVIDED BLIND COFFEE MAKER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
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48	WALL MOUNTED MOP & BROOM HOLDER
49	APPLY TRANSLUCENT FILM TO INSIDE FACE OF GLAZING
50	IMPACT RESISTANT STEEL BOLLARD, GENERAL LOCATION SHOWN. COORDINATE LOCATION IN FIELD. REFER TO DETAIL 13A300.
51	NEW CONCRETE RAMP, SEE SITE DETAILS A5400 & STRUCTURAL DRAWINGS FOR INFO.
52	NEW SHOOTING RANGE, SEE SHOOTING RANGE PLANS A108 FOR INFO.
53	PROVIDE WHEEL STOPS AT ACCESSIBLE PARKING LOCATIONS
54	NEW FOLDING ARM, SEE ELECTRICAL PLAN FOR ADDITIONAL INFORMATION
55	NEW BARGE IN ACCESS READER, SEE SHEET A5120 AND ELECTRICAL FOR ADDITIONAL INFORMATION
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57	NEW TRENCH DRAIN - SEE PLUMBING
58	NEW HOSE BIB - SEE PLUMBING
59	EYE WASH - SEE PLUMBING
60	1" FLUSH FLOOR TO FLOOR 2 HR EXPANSION JOINT (TYPE 1) TO MATCH ADJACENT TILE - SEE STRUC AND DETAILS ON A111.2
61	1" FLUSH FLOOR TO FLOOR 2 HR EXPANSION JOINT (TYPE 2) TO MATCH ADJACENT CARPET - SEE STRUC AND DETAILS ON A111.2
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66	ADA PUSH BUTTON
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71	24" DEEP STAINLESS PASS THROUGH COUNTER INSTALLED 34" A.F.F. SEE ENLARGED PLANS FOR INFO.



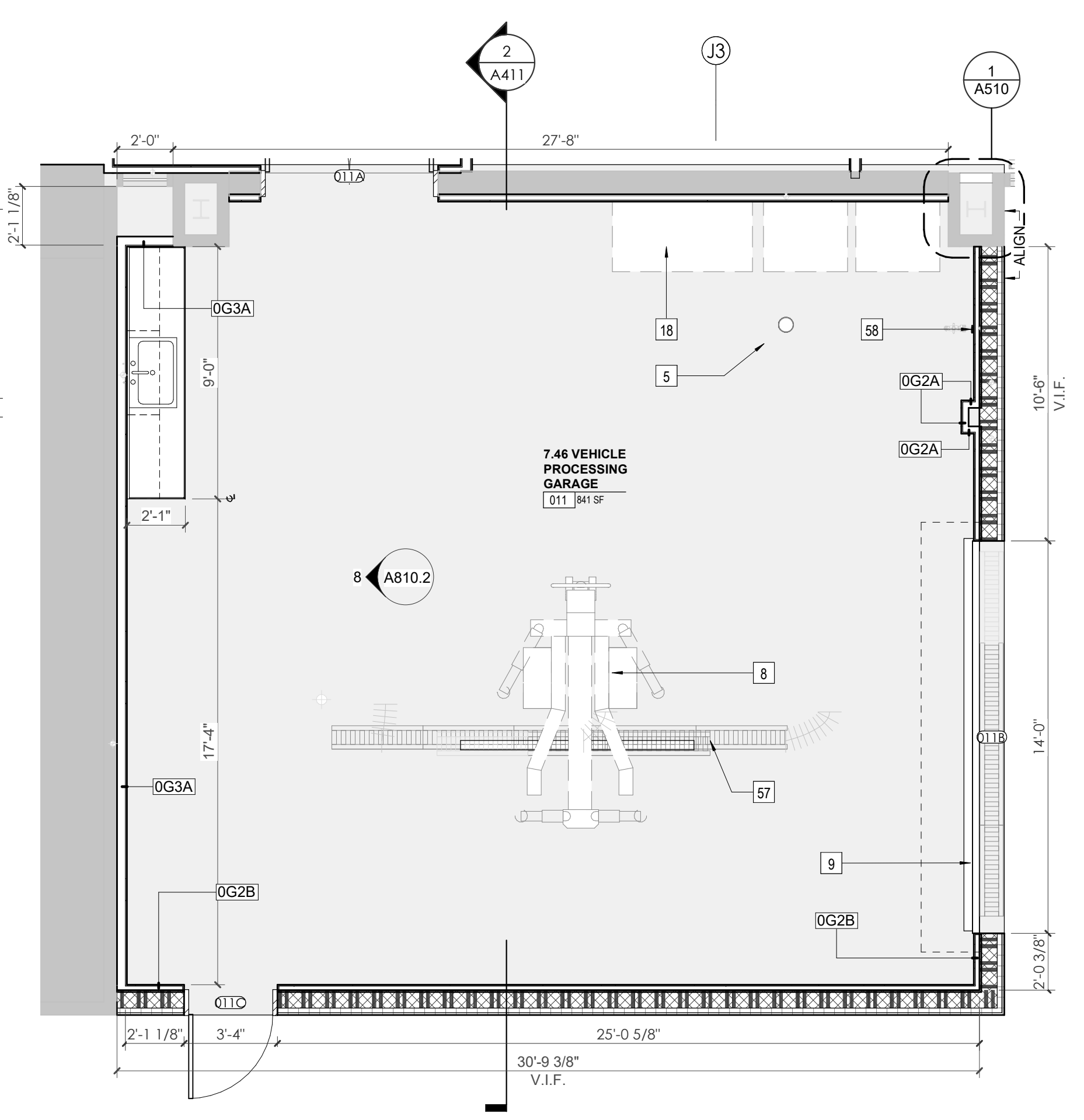
4 ALTERNATE 7 - CA - LL3 - VEHICLE PROCESSING GARAGE N. ELEVATION
A810.2 1/4" = 1'-0"



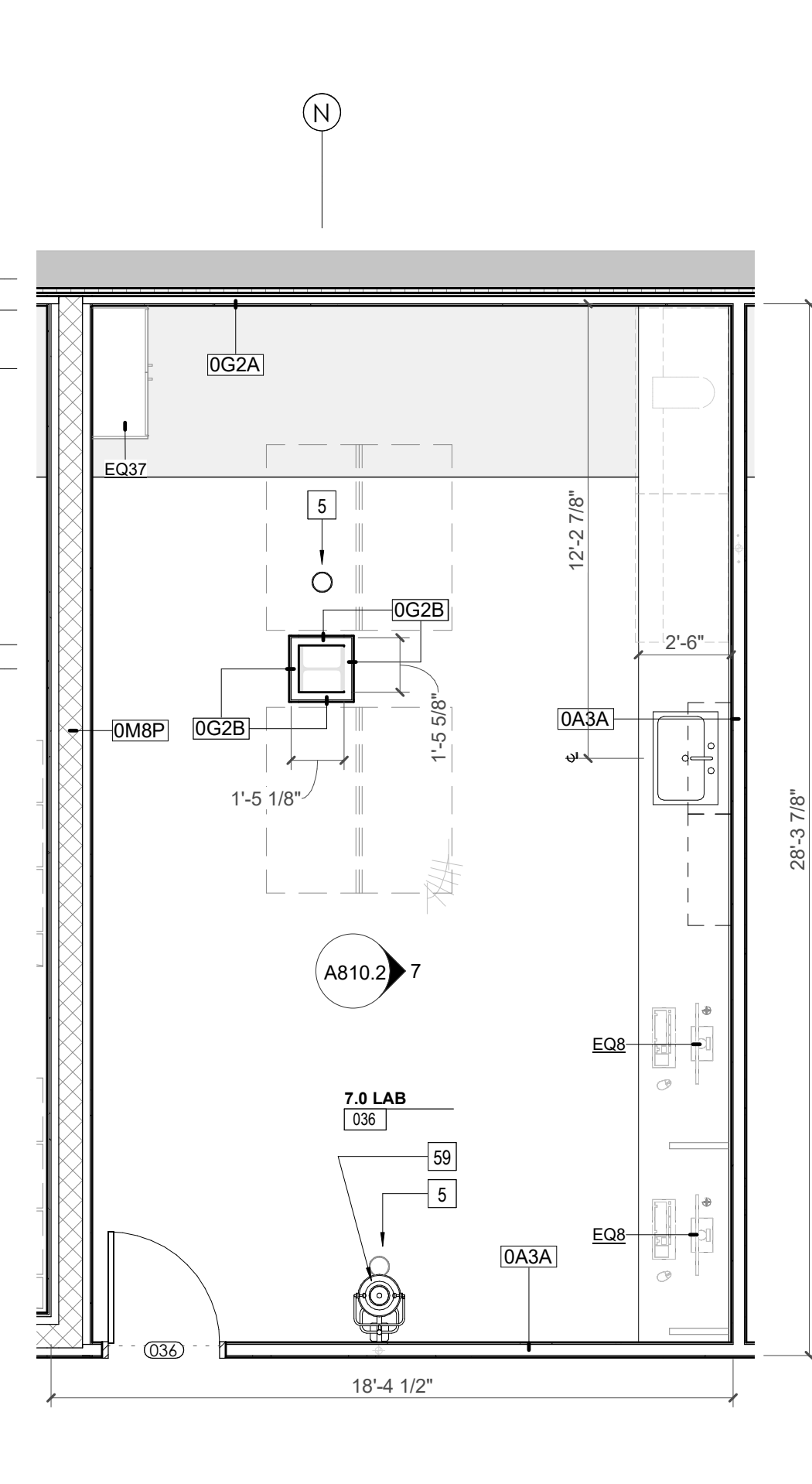
5 ALTERNATE 7 - SECTION - CA - LL3 - VEHICLE PROCESSING GARAGE
A810.2 1/4" = 1'-0"



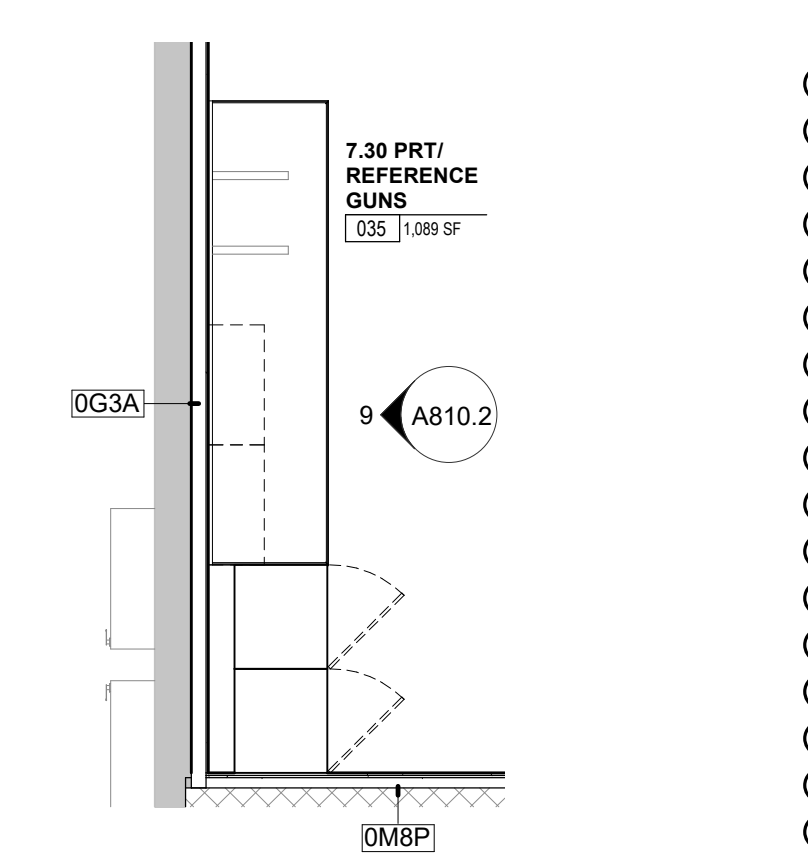
1 ALTERNATE 7 - ENLARGED PLAN - CA - LL3 - VEHICLE PROCESSING GARAGE 013
A810.2 1/4" = 1'-0"



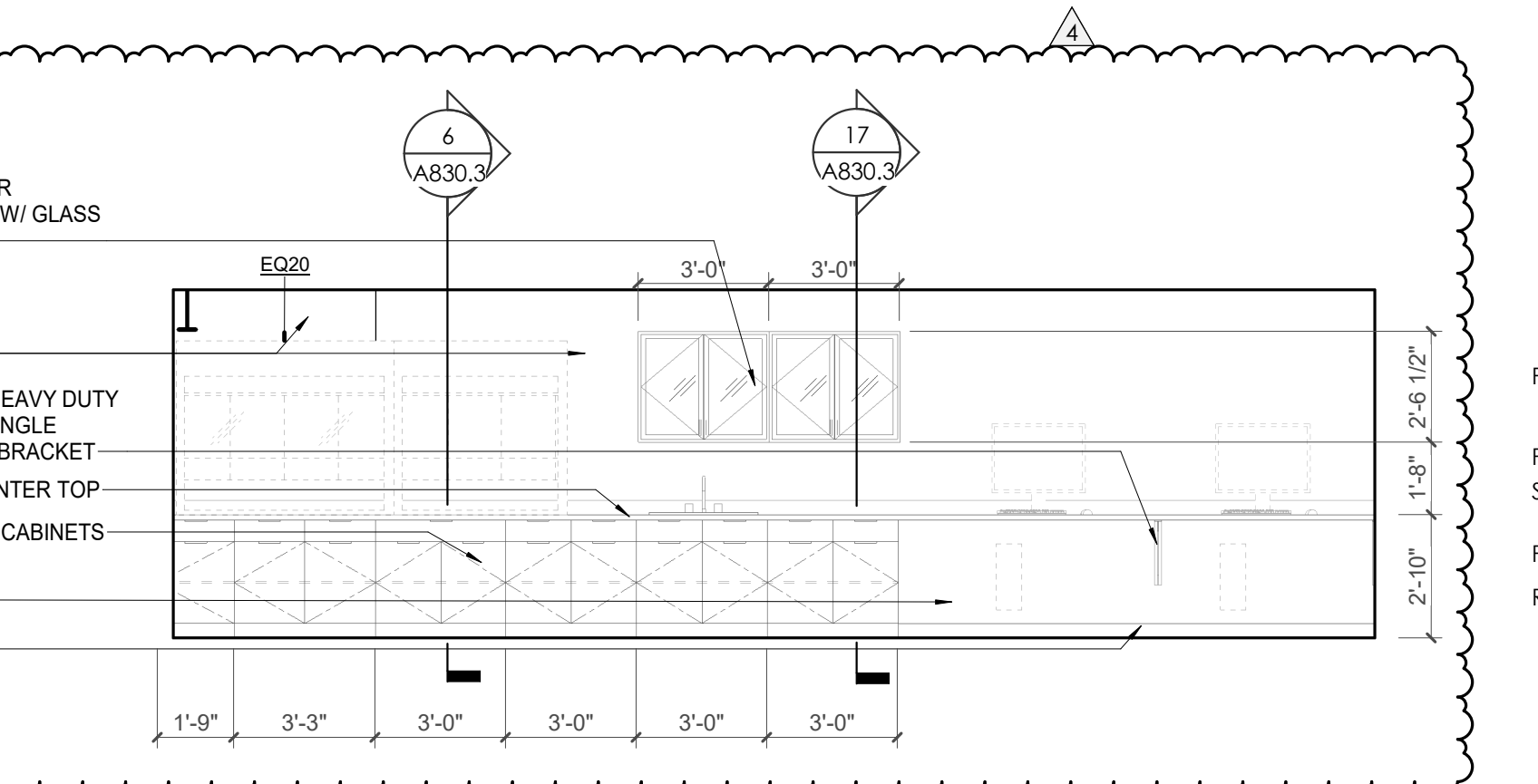
2 ENLARGED PLAN - CA - LL3 - VEHICLE PROCESSING GARAGE W/ LIFT 011
A810.2 1/4" = 1'-0"



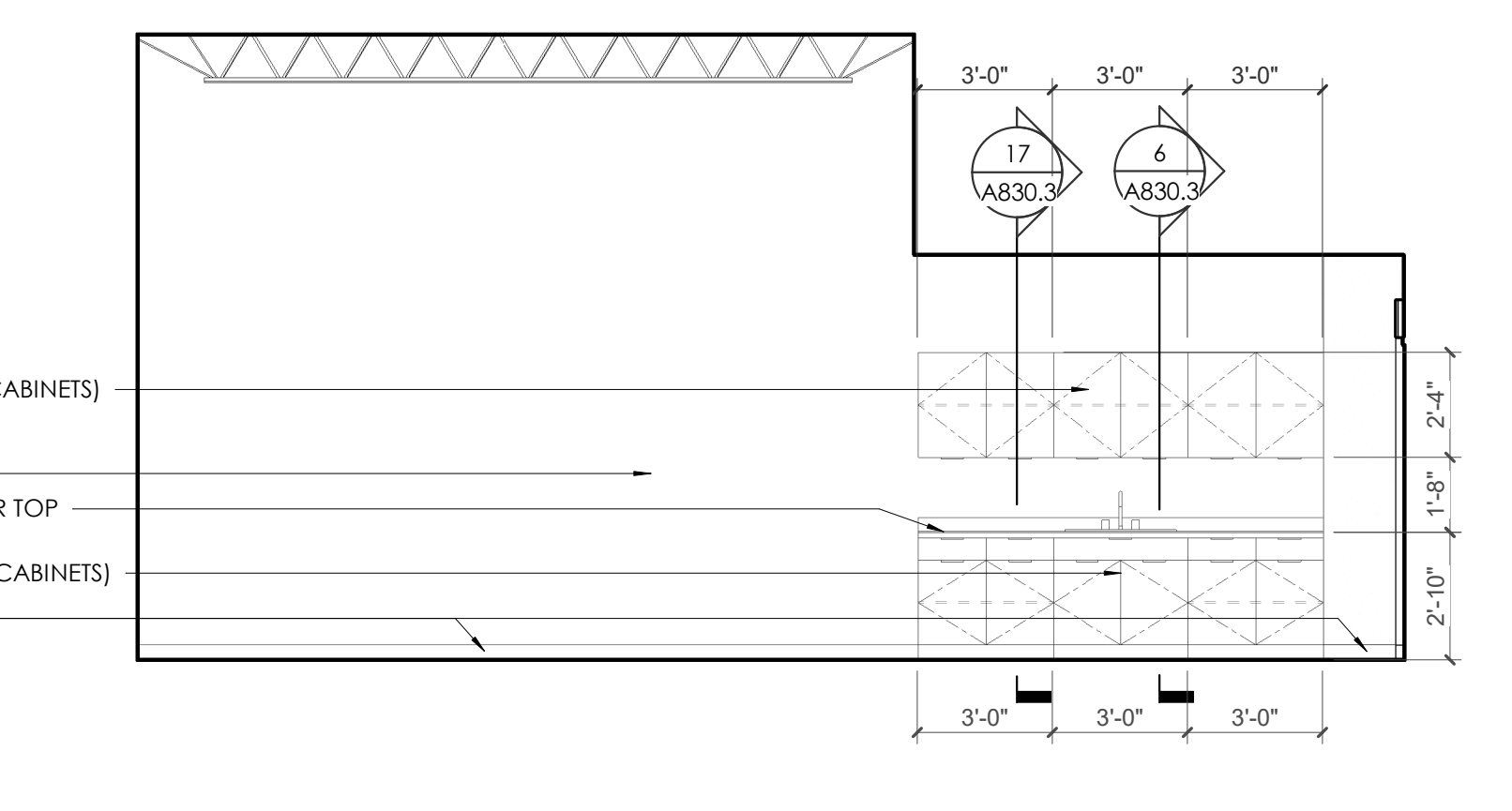
3 ENLARGED PLAN - CA - LL3 - LAB 036
A810.2 1/4" = 1'-0"



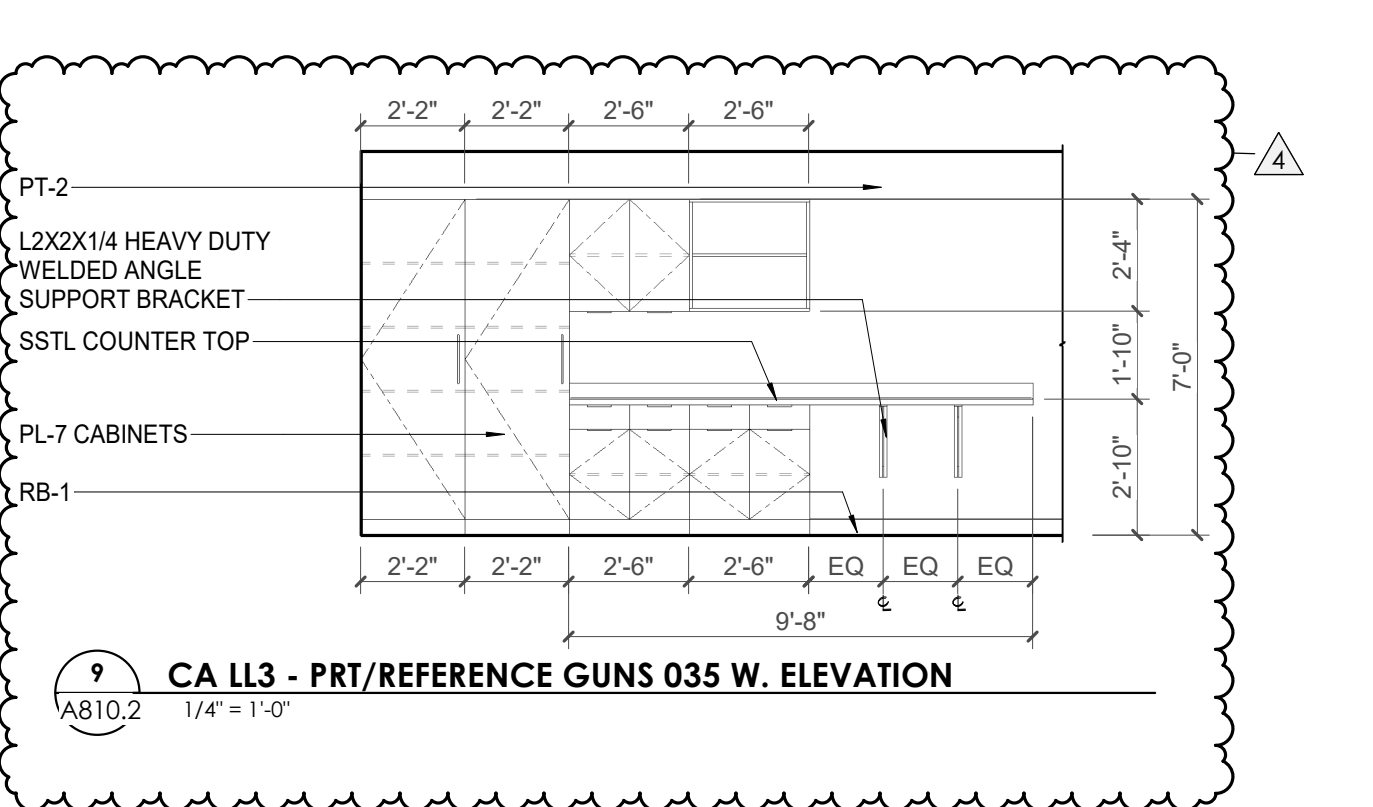
6 ENLARGED PLAN - CA LL3 - PRT/REFERENCE GUNS 035
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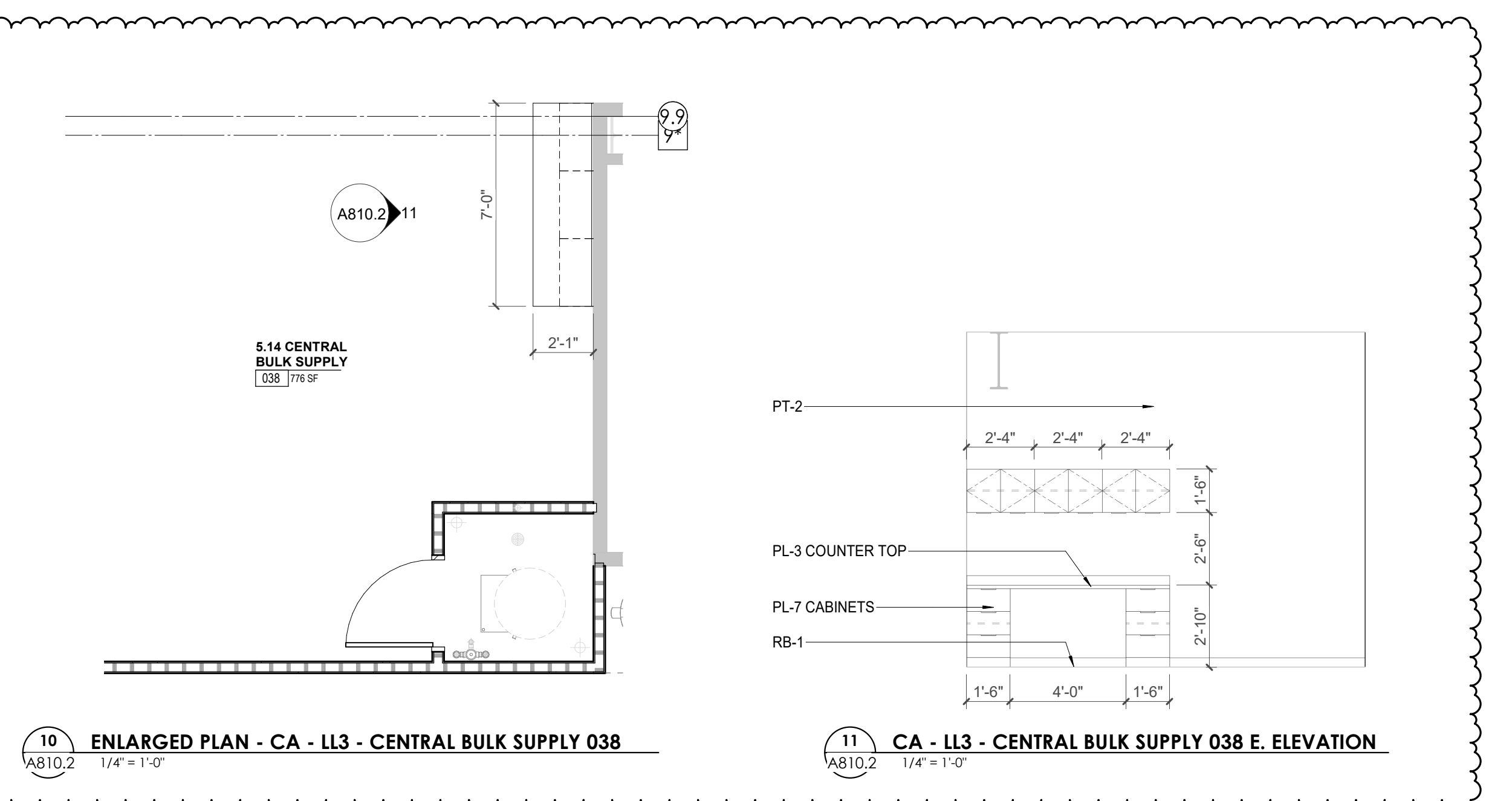
7 CA - LL3 - LAB 036 - ELEVATION EAST
A810.2 1/4" = 1'-0"



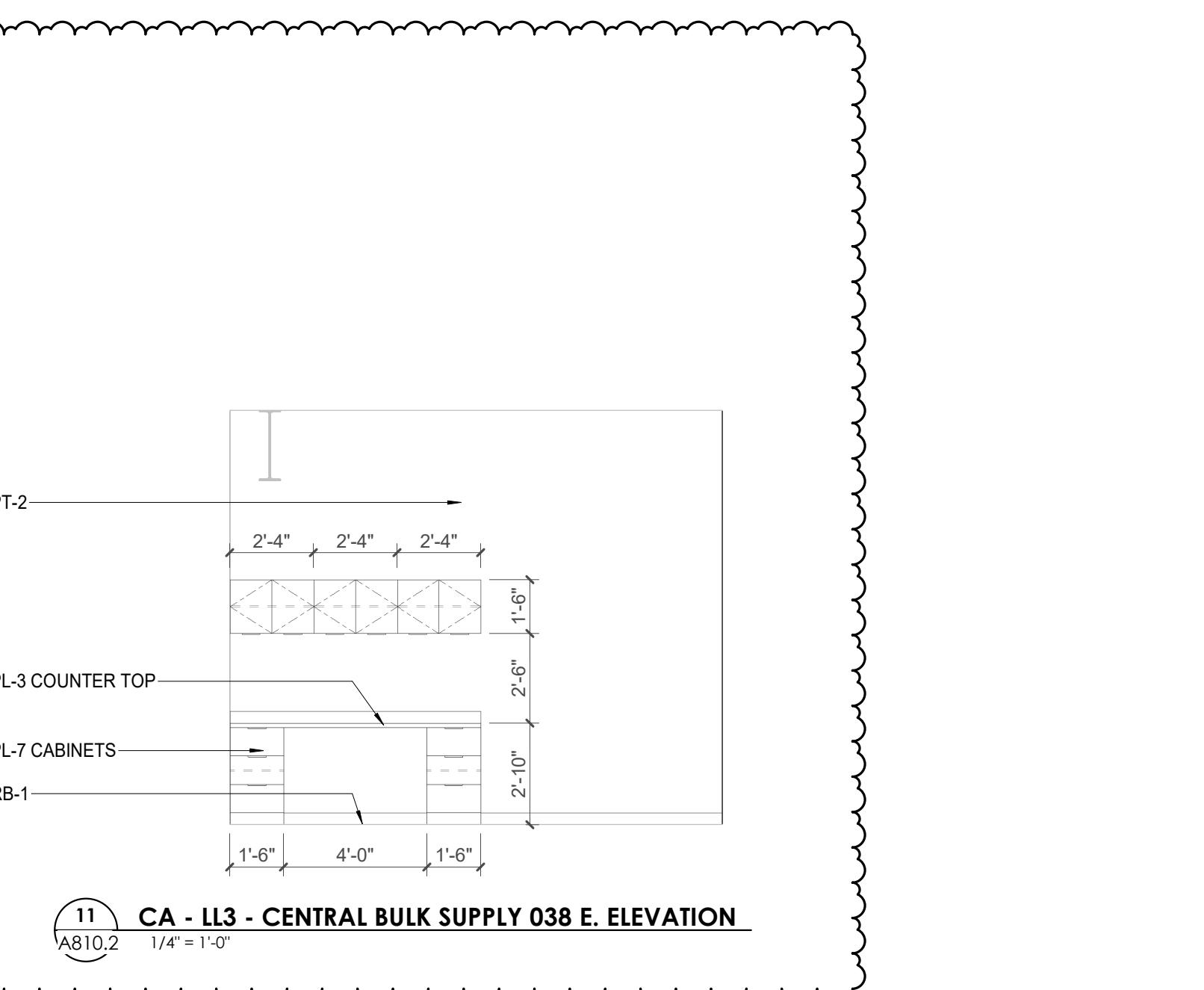
8 CA - LL3 - VEHICLE PROCESSING GARAGE 011 W. ELEVATION
A810.2 1/4" = 1'-0"



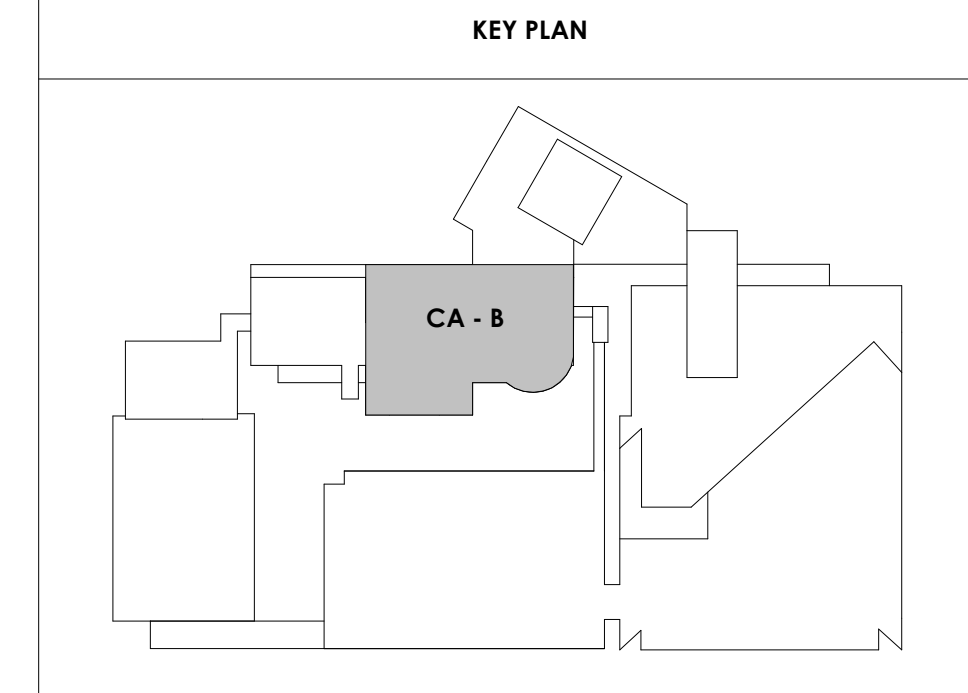
9 CA LL3 - PRT/REFERENCE GUNS 035 W. ELEVATION
A810.2 1/4" = 1'-0"



10 ENLARGED PLAN - CA - LL3 - CENTRAL BULK SUPPLY 038
A810.2 1/4" = 1'-0"



11 CA - LL3 - CENTRAL BULK SUPPLY 038 E. ELEVATION
A810.2 1/4" = 1'-0"





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Issue Date: FEBRUARY 01, 2021
PIC: DAVID COLLINS
PM: JOHN THURMAN
PA: LAUREN BUSH /
Drawn By: JW
Checked By: BP

Drawing Info:

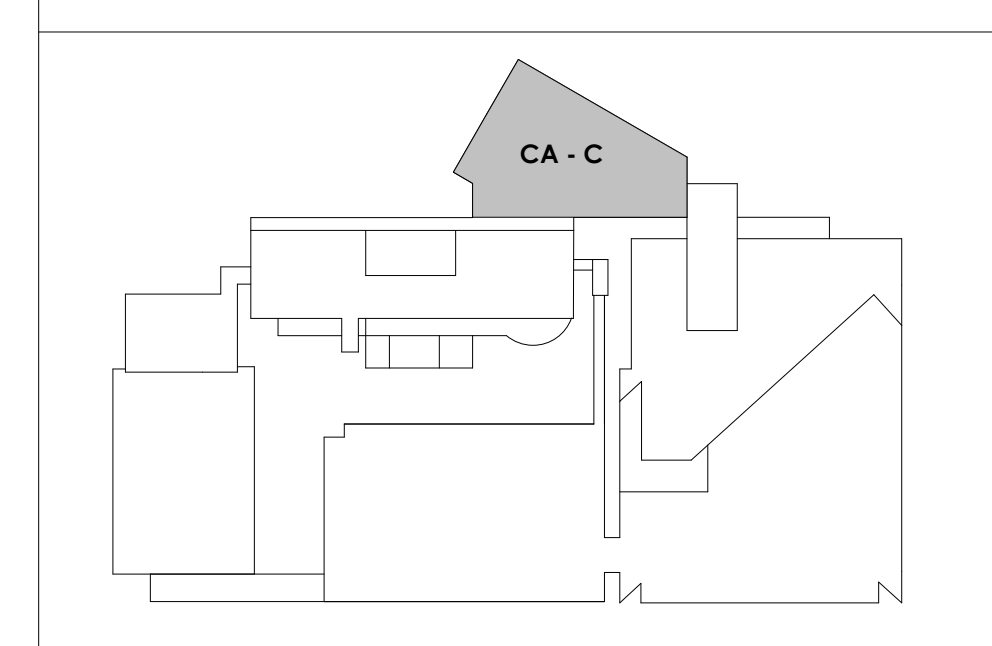
A811.1

CA - ENLARGED PLANS AND ELEVATIONS LL2 - COURTS

WALL LEGEND	
	2 HR PARTITION (ASSEMBLY VARIES)
	1 HR PARTITION (ASSEMBLY VARIES)
	BALLISTIC LEVEL 3 PARTITION (ASSEMBLY VARIES)
	NEW PARTITION (ASSEMBLY VARIES)
	EXISTING PARTITION
	EXISTING PARTITION TO BE DEMOLISHED

KEYNOTES - FLOOR PLANS	
TAG	TEXT
1	SOFFIT ABOVE (DASHED)
2	EXISTING EGRESS STAIR TO REMAIN - PREP & PAINT EXISTING HANDRAILS, STAIR, & WALLS TO REMAIN
3	EXISTING ELEVATOR TO BE MODIFIED/REPLACED AS REQUIRED TO REACH ALL FOUR (4) FLOORS. SEE ELEVATOR PLANS & DETAILS SHEET FOR INFO.
4	EXISTING ELEVATOR - REFURBISH EQUIPMENT & CONTROLS, NEW FINISHES TO INTERIOR OF CAR AS REQ'D. SEE ELEVATOR PLANS & DETAILS SHEET FOR INFO.
5	NEW FLOOR DRAIN - REFER TO PLUMBING
6	SHADED AREA DENOTES NEW CONCRETE FLOOR SLAB - REFER TO STRUC.
7	BALLISTIC LEVEL 3 RATING AND GLAZING - CONT. TO 8'-0" AFF MIN.
8	MOBILE VEHICLE LIFT
9	OVERHEAD COILING DOOR. SEE MANUF. REQ'S
10	OWNER PROVIDED WOOD PEW SEATING - N.I.C.
11	OWNER PROVIDED 36" DEEP OPEN SHELVING - N.I.C.
12	18" X 24" X 72" HEAVY DUTY LOCKER WITH DRAWER/BENCH (TYPE 1)
13	18" X 24" X 72" HEAVY DUTY THREE TIER LOCKERS (TYPE 2)
14	NEW PASS THRU LOCKERS - TYPE 3
15	RECESSED SIDE ARMS LOCKERS (ONE FOUR DOOR UNIT AT EACH DOOR)
16	PUBLIC WEAPONS STG LOCKERS - TABLET PHONE WALL LOCKERS WITH 12 DOORS (TYPE 5)
17	OWNER PROVIDED DASHED (DASHED)
18	OWNER PROVIDED DRYING CABINETS - N.I.C.
19	OWNER PROVIDED COPIER - N.I.C.
20	PROVIDE REQ. BLOCKING FOR LOCATIONS WHERE WALL MOUNTED TV MONITORS ARE LOCATED. REFER TO EQUIPMENT PLANS FOR LOCATIONS
21	PROVIDE REQ. BLOCKING FOR ALL MARKER BOARD LOCATIONS
22	KNOX BOX (RECESSED)
23	RECESSED CELL PHONE LOCKERS TO MATCH METAL WALL PANEL
24	METAL DETECTOR ENTRY SECURITY
25	MCP SINK - SEE PLUMBING
26	18" DEEP BOOKSHELVES
27	12" DEEP COUNTER ON L2X2X1/4" HEAVY DUTY WELDED ANGLE SUPPORT BRACKETS
28	24" DEEP COUNTER ON L2X2X1/4" HEAVY DUTY WELDED ANGLE SUPPORT BRACKETS
29	30" DEEP COUNTER ON L2X2X1/4" HEAVY DUTY WELDED ANGLE SUPPORT BRACKETS
30	18" DEEP COUNTER ON L2X2X1/4" HEAVY DUTY WELDED ANGLE SUPPORT BRACKETS
31	PROVIDE NEW HANDRAILS, GUARDRAILS AND EGRESS STAIR ILLUMINATION. PREP AND PAINT EXISTING STAIR & WALLS TO REMAIN
32	OPERABLE FOLDING PARTITION
33	NEW DROP BOX
34	HIGH LOW WATER COOLER
35	OWNER PROVIDED HIGH DENSITY MOBILE STORAGE SYSTEM AND OVERHEAD RAILS
36	6" DEEP SHELF
37	ABANDON EXISTING ELEVATOR
38	EXISTING FULL HEIGHT SPANDREL PANEL
39	TWO-WAY COMMUNICATOR (BLACK FINISH). PROVIDE CUTSHEET AND VERIFY COLOR SELECTION WITH MFR PRIOR TO PURCHASE - BASIS OF DESIGN AULTUS BY C.R. LAURENCE
40	OWNER PROVIDED REFRIGERATOR, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
41	OWNER PROVIDED REFRIGERATOR UNDERCOUNTER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
42	OWNER PROVIDED BUNN COFFEE MAKER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
43	OWNER PROVIDED MICROWAVE UNDERCOUNTER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
44	OWNER PROVIDED UNDERCOUNTER DISHWASHER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
45	OWNER PROVIDED COOKTOP AND HOOD, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
46	OWNER PROVIDED ICE MAKER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
47	NEW WATER HEATER - SEE PLUMBING
48	WALL MOUNTED MOP & BROOM HOLDER
49	APPLY TRANSLUCENT FILM TO INSIDE FACE OF GLAZING
50	IMPACT RESISTANT STEEL BOLLARD. GENERAL LOCATION SHOWN. COORDINATE LOCATION IN FIELD. REFER TO DETAIL 13AS400
51	NEW CONCRETE RAMP. SEE SITE DETAILS AS400 & STRUCTURAL DRAWINGS FOR INFO.
52	NEW SHOOTING RANGE. SEE SHOOTING RANGE PLANS A108 FOR INFO.
53	PROVIDE WHEEL STOPS AT ACCESSIBLE PARKING LOCATIONS
54	NEW FOLDING ARM. SEE ELECTRICAL PLAN FOR ADDITIONAL INFORMATION
55	NEW BADGE IN ACCESS READER. SEE SHEET AS120 AND ELECTRICAL FOR ADDITIONAL INFORMATION
56	RESTRIP PARKING TO ACCOMMODATE FOR ACCESSIBLE PARKING SPACES SHOWN. REFER TO CIVIL FOR ADA SIGNAGE AND PARKING SYMBOLS
57	NEW TRENCH DRAIN - SEE PLUMBING
58	NEW HOSE BIB - SEE PLUMBING
59	EYE WASH - SEE PLUMBING
60	1" FLUSH FLOOR TO FLOOR 2 HR EXPANSION JOINT (TYPE 1) TO MATCH ADJACENT TILE - SEE STRUC AND DETAILS ON A111.2
61	1" FLUSH FLOOR TO FLOOR 2 HR EXPANSION JOINT (TYPE 2) TO MATCH ADJACENT CARPET - SEE STRUC AND DETAILS ON A111.2
62	1" FLUSH FLOOR TO WALL 2 HR EXPANSION JOINT (TYPE 3) TO MATCH ADJACENT CARPET - SEE STRUC AND DETAILS ON A111.2
63	1" FLUSH FLOOR TO WALL 2 HR EXPANSION JOINT (TYPE 4) TO MATCH ADJACENT TILE - SEE STRUC AND DETAILS ON A111.2
64	1" FLUSH WALL CEILING TO WALL/CILING EXPANSION JOINT (TYPE 5) TO MATCH ADJACENT PAINT COLOR - SEE STRUC AND DETAILS ON A111.2
65	1" EXPANSION JOINT (TYPE 6) TO MATCH ADJACENT BRICK - SEE STRUC AND DETAILS
66	ADA PUSH BUTTON
67	FLOOR BOX - VERIFY FINAL LOCATION PRIOR TO INSTALLATION W/ ARCHITECT. COORDINATE W/ SYSTEMS FURNITURE - SEE ELECTRICAL
68	OWNER PROVIDED VENDING MACHINE, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
69	CEILING MOUNTED TV. PROVIDE NECESSARY MOUNTING HARDWARE - SEE ELECTRICAL AND TELECOMMUNICATIONS
70	OWNER PROVIDED MICROWAVE, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
71	24" DEEP STAINLESS PASS THROUGH COUNTER INSTALLED 34" A.F.F. SEE ENLARGED PLANS FOR INFO.

KEY PLAN



3/30/2021 5:13:56 PM

1 CA - LL2 C ENLARGED COURT FLOOR PLAN
A811.1 1/4" = 1'-0"



Project Information:

19018

COK PUBLIC SAFETY COMPLEX

900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:
Architects Design Group

#	ISSUE	DATE
2	ADD #02.1	02/17/21
4	ADD #04.1	03/03/21

Issue Date:	FEBRUARY 01, 2021
PIC:	DAVID COLLINS
PM:	JOHN THURMAN
PA:	LAUREN BUSH /
Drawn By:	Author
Checked By:	BP

Drawing Info:

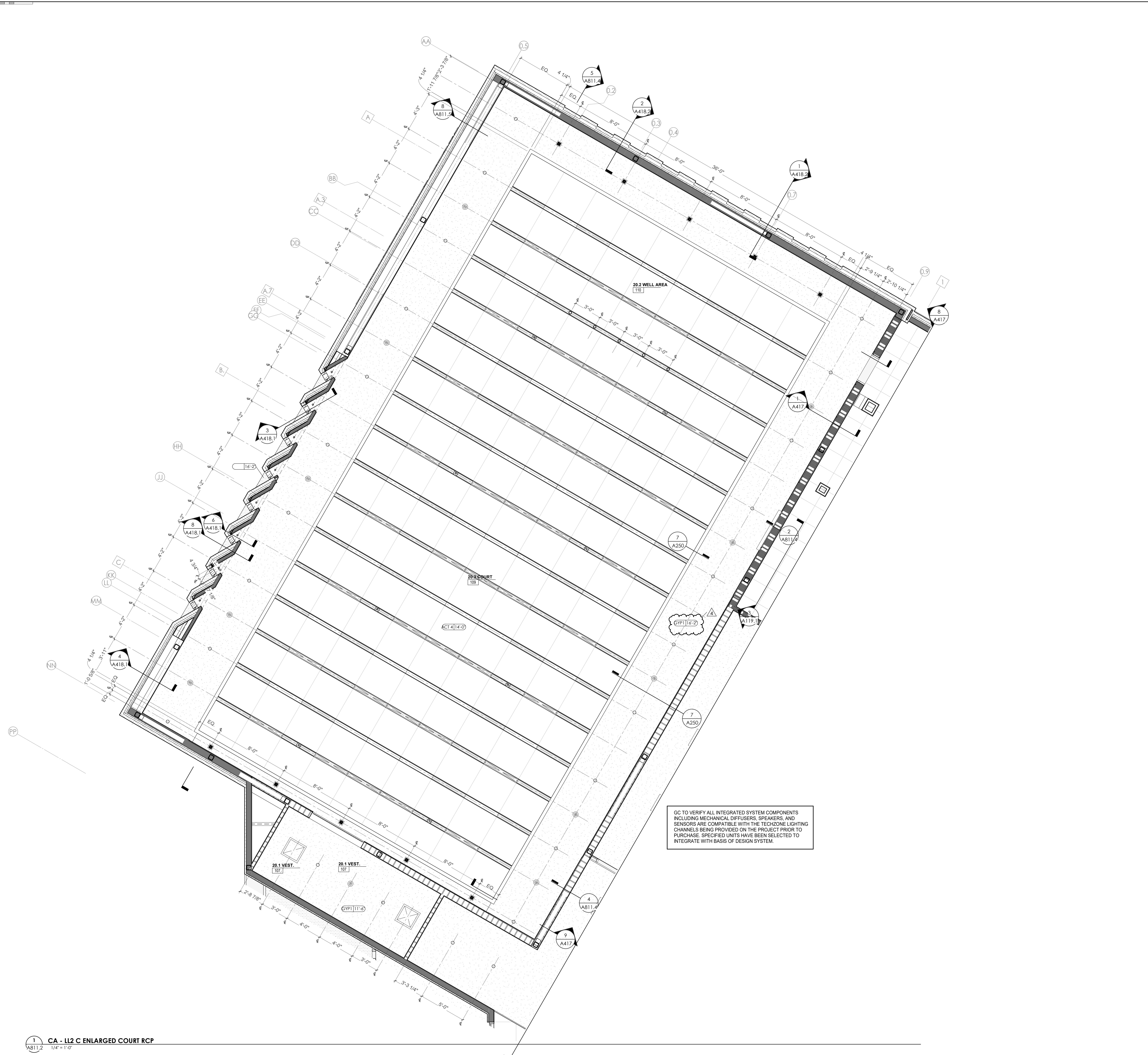
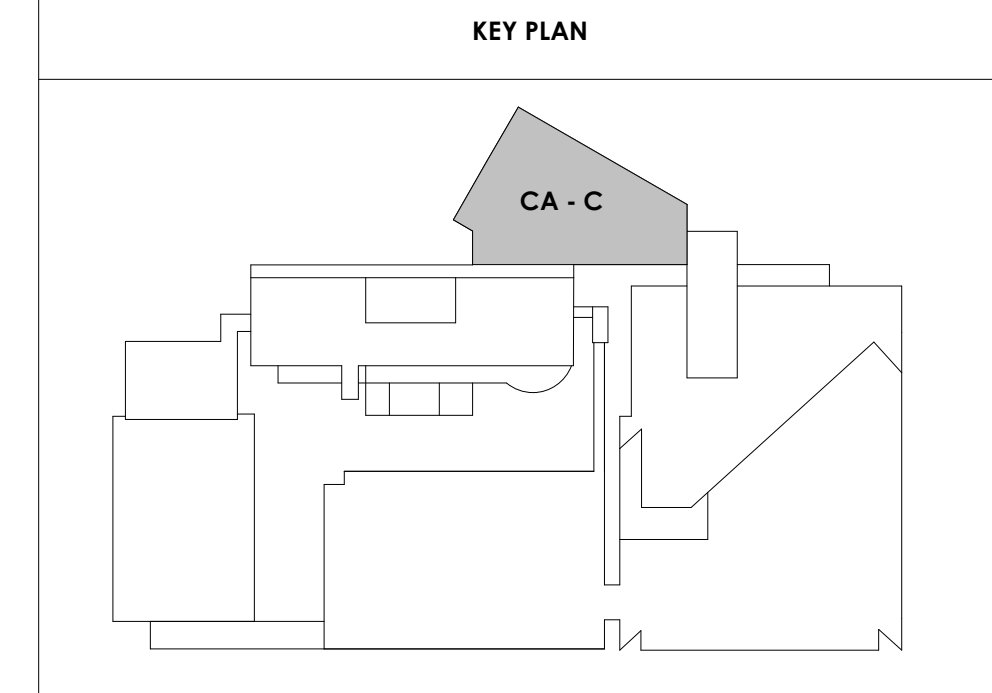
A811.2

CA - ENLARGED PLANS AND ELEVATIONS LL2 - COURTS

WALL LEGEND	
	2 HR PARTITION (ASSEMBLY VARIES)
	1 HR PARTITION (ASSEMBLY VARIES)
	BALLISTIC LEVEL 3 PARTITION (ASSEMBLY VARIES)
	NEW PARTITION (ASSEMBLY VARIES)
	EXISTING PARTITION
	EXISTING PARTITION TO BE DEMOLISHED

REFLECTED CEILING PLAN LEGEND	
	24" x 24" ACOUSTICAL CEILING TILE GRID
	44" x 48" ACOUSTICAL CEILING TILE GRID
	GYPSUM BOARD CEILING
	WOOD PANEL CEILING
	EIFS SOFFIT
**SUSPENDED CEILINGS AND GRID TO MEET SEISMIC DESIGN REQUIREMENTS AND ASTM C635 AND ASTM C636 - REFER TO SPECIFICATIONS	
	CEILING TYPE INDICATOR
	CEILING HEIGHT AFF
	CEILING TYPE INDICATION
CEILING TYPES:	
GYP	GYPSUM BOARD CEILING
ACT	ACOUSTICAL TILE CEILING
MTL	METAL PANEL SOFFIT
EXP	EXPOSED TO STRUCTURE
	4" DIA. RECESSED CAN LIGHT
	AIMABLE DOWNLIGHT
	4" RECESSED WALL WASH DOWNLIGHT
	RAZOR WALL WASH DOWNLIGHT
	2 x 2" TROFFER
	LED STRIP
	SURFACE MOUNT STRIP LIGHT
	CONTINUOUS LINEAR LED DOWNLIGHT
	DIRECT-INDIRECT LINEAR PENDANT
	EXIT SIGN, SHADED QUADRANTS INDICATE NUMBER OF FACES, PROVIDE DIRECTIONAL ARROWS AS SHOWN.
	EMERGENCY LIGHT
	ED - WET LOCATION EXIT DISCHARGE LIGHT
	CEILING MOUNTED SPEAKER
	SPRINKLER HEAD, CENTER IN CEILING TILE (UNO)
	HVAC CEILING SUPPLY
	HVAC CEILING RETURN
	HVAC LINEAR SUPPLY
	HVAC LINEAR RETURN
	ACCESS PANEL

KEYNOTES - REFLECTED CEILING PLAN	
Tag	Text
1	6" PREFINISHED ALUMINUM TRIM AT PERIMETER
2	6" INTEGRATED ALUMINUM TECHZONE CHANNEL - LIGHTING AND MECHANICAL SUPPLY/RETURN
3	OPERABLE WALL PARTITION
4	ROLLER WINDOW SHADES AT ALL EXTERIOR WORKSPACE WINDOWS - TYP
5	GYP. BD. SOFFIT AT PERIMETER
6	6" PREFORMED ALUMINUM COVE REVEAL
7	1" PREFORMED ALUMINUM REVEAL
8	EXISTING LIGHT FIXTURES IN GARAGES TO REMAIN
9	LOCATION OF CLERESTORY WINDOWS ABOVE 9'-0" GYP. BD. SOFFIT.
10	EXISTING LIGHT FIXTURES TO BE REINSTALLED IN NEW CEILING TILE AND GRID - VERIFY EXISTING FIXTURE LOCATIONS IN FIELD
11	LOCKERS BELOW (DASHED)
12	NEW FABRICATED STAINLESS STEEL PAN WITH RUBBERIZED COATING, SLOPED TOWARD DRAIN UNDER WATER HEATER IN ADJACENT ROOM. SEE SECTION FOR INFO.
13	PROVIDE NEW GYP. BD. SOFFIT ON EXISTING MTL STUD SOFFIT FRAMING TO REMAIN - VERIFY IN FIELD
14	BLACK OUT ROLLER WINDOW SHADES AT ALL EXTERIOR CLASSROOM WINDOWS - TYP
15	PATCH AND REPLACE EXISTING EIFS SOFFIT AS REQUIRED TO COMPLETE THE WORK
16	NEW MANUAL OVERHEAD COILING DOOR & FRAME, AS MIN RATED.
17	REMOVE EXISTING EIFS SOFFIT AND PROVIDE NEW SUSPENDED EIFS SOFFIT WITH R-30 BATT INSULATION IN OVERHANG CAVITY



GC TO VERIFY ALL INTEGRATED SYSTEM COMPONENTS INCLUDING MECHANICAL DIFFUSERS, SPEAKERS, AND SENSORS ARE COMPATIBLE WITH THE TECHZONE LIGHTING CHANNELS BEING PROVIDED ON THE PROJECT PRIOR TO PURCHASE. SPECIFIED UNITS HAVE BEEN SELECTED TO INTEGRATE WITH BASIS OF DESIGN SYSTEM.



Project Information:
19018

COK PUBLIC SAFETY COMPLEX
900 East Oak Hill Ave, Knoxville, TN

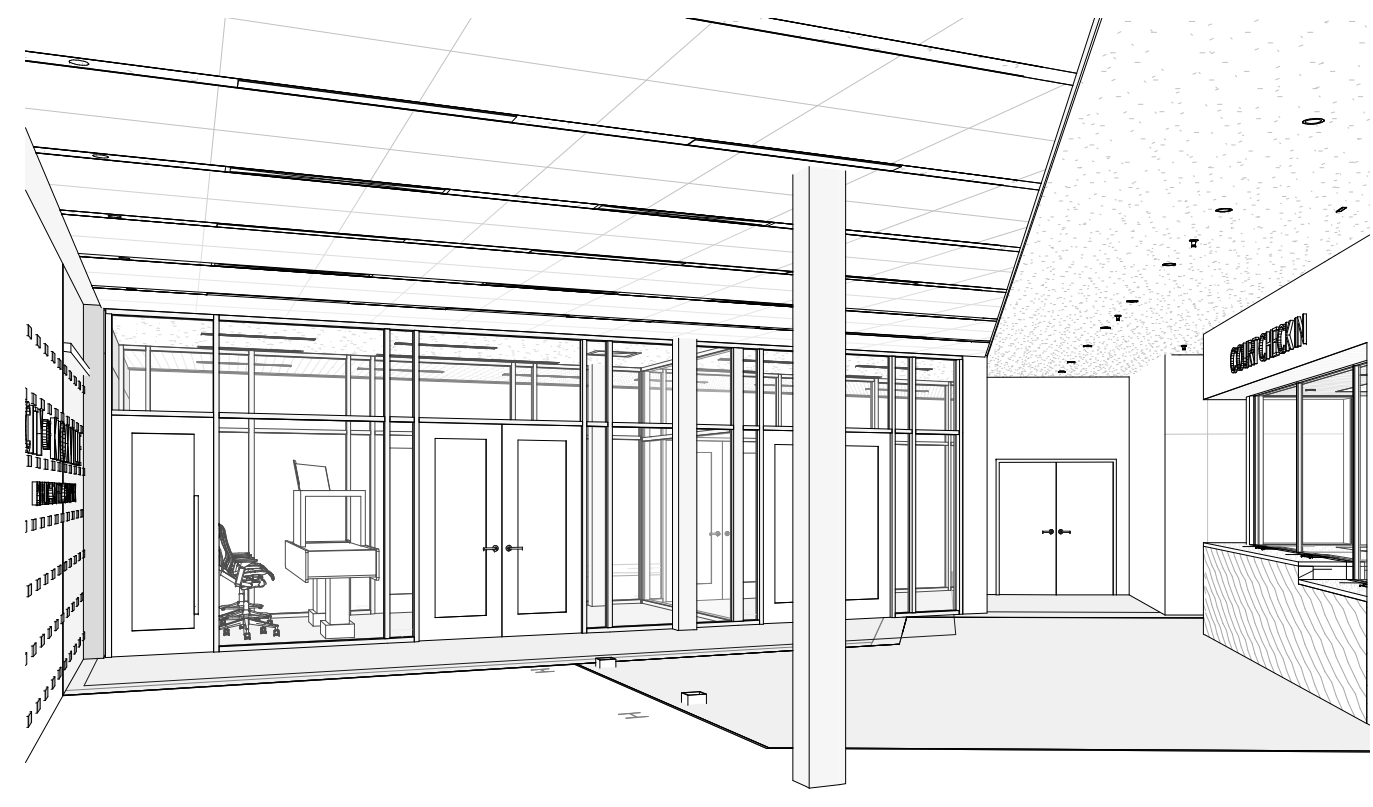


Consultant:
Architects Design Group

#	ISSUE	DATE
2	ADD #02.1	02/17/21
3	ADD #03.1	02/24/21
4	ADD #04.1	03/03/21

Issue Date: FEBRUARY 01, 2021
PKC: DAVID COLLINS
PM: JOHN THURMAN
PA: LAUREN BUSH /
Drawn By: JW
Checked By: BP

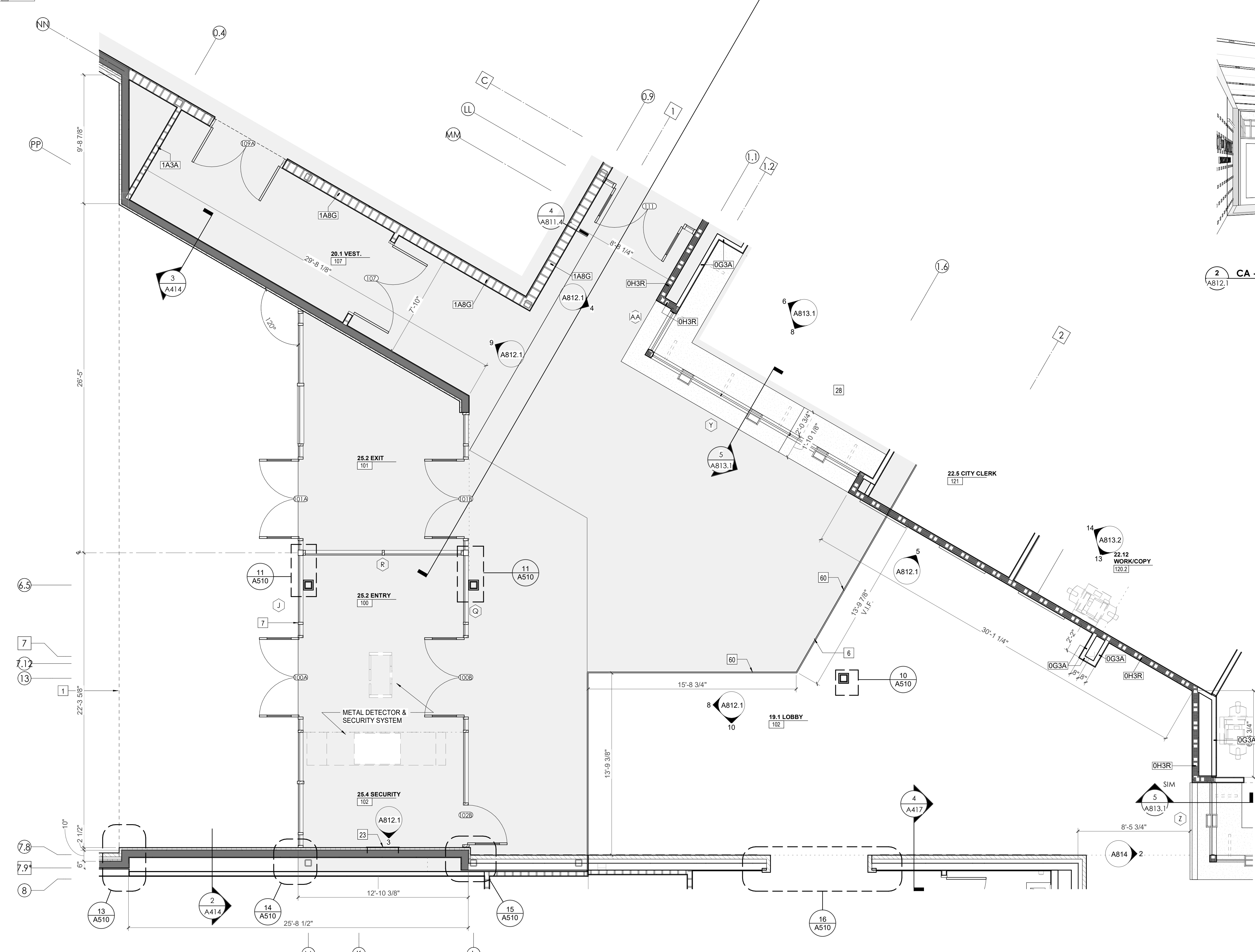
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CA - ENLARGED PLANS AND ELEVATIONS LL2 - LOBBY



2 CA - LEVEL LL2 LOBBY VIEW 01

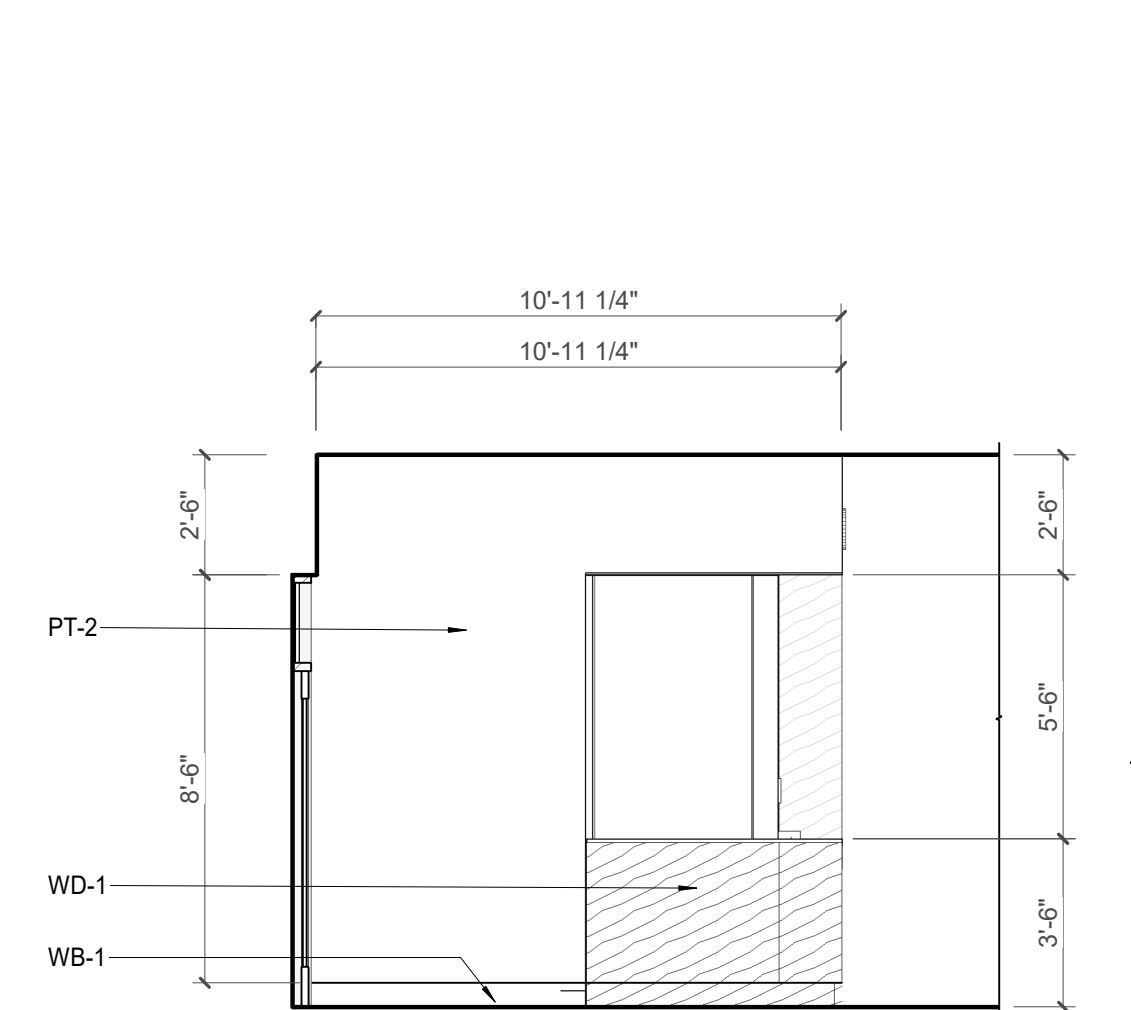
WALL LEGEND	
--- ---	2 HR PARTITION (ASSEMBLY VARIES)
--- ---	1 HR PARTITION (ASSEMBLY VARIES)
--- ---	BALLISTIC LEVEL 3 PARTITION (ASSEMBLY VARIES)
---	NEW PARTITION (ASSEMBLY VARIES)
---	EXISTING PARTITION
- - - -	EXISTING PARTITION TO BE DEMOLISHED

KEYNOTES - FLOOR PLANS	
TAG	TEXT
1	SOFFIT ABOVE (DASHED)
2	EXISTING EGRESS STAIR TO REMAIN - PREP & PAINT EXISTING HANDRAILS, STAIR, & WALLS TO REMAIN
3	EXISTING ELEVATOR TO BE MODIFIED/REPLACED AS REQUIRED TO REACH ALL FOUR (4) FLOORS. SEE ELEVATOR PLANS & DETAILS SHEET FOR INFO.
4	EXISTING ELEVATOR - REFURBISH EQUIPMENT & CONTROLS, NEW FINISHES TO INTERIOR OF CAR AS REQ'D. SEE ELEVATOR PLANS & DETAILS SHEET FOR INFO.
5	NEW FLOOR DRAIN - REFER TO PLUMBING
6	SHADED AREA DENOTES NEW CONCRETE FLOOR SLAB - REFER TO STRUC.
7	BALLISTIC LEVEL 3 RATING AND GLAZING - CONT. TO 8'-0" AFF MIN.
8	MOBILE VEHICLE LIFT
9	OVERHEAD COILING DOOR - SEE MANUF. REQ'S
10	OWNER PROVIDED WOOD PEW SEATING - N.I.C.
11	OWNER PROVIDED 36" DEEP OPEN SHELVING - N.I.C.
12	18" X 24" X 72" HEAVY DUTY LOCKER WITH DRAWER/BENCH (TYPE 1)
13	18" X 24" X 72" HEAVY DUTY THREE TIER LOCKERS (TYPE 2)
14	NEW PASS THRU LOCKERS - TYPE 3
15	RECESSED SIDE ARMS LOCKERS (ONE FOUR DOOR UNIT AT EACH DOOR)
16	PUBLIC WEAPONS STG LOCKERS - TABLET PHONE WALL LOCKERS WITH 12 DOORS (TYPE 5)
17	CANOPY ABOVE (DASHED)
18	OWNER PROVIDED DRYING CABINETS - N.I.C.
19	OWNER PROVIDED COPIER - N.I.C.
20	PROVIDE REQ. BLOCKING FOR LOCATIONS WHERE WALL MOUNTED TV MONITORS ARE LOCATED. REFER TO EQUIPMENT PLANS FOR LOCATIONS
21	PROVIDE REQ. BLOCKING FOR ALL MARKER BOARD LOCATIONS
22	KNOX BOX (RECESSED)
23	RECESSED CELL PHONE LOCKERS TO MATCH METAL WALL PANEL
24	METAL DETECTOR ENTRY SECURITY
25	MOP SINK - SEE PLUMBING
26	18" DEEP BOOKSHELVES
27	12" DEEP COUNTER ON L2X2X1/4" HEAVY DUTY WELDED ANGLE SUPPORT BRACKETS
28	24" DEEP COUNTER ON L2X2X1/4" HEAVY DUTY WELDED ANGLE SUPPORT BRACKETS
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34	HIGH LOW WATER COOLER
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36	6" DEEP SHELF
37	ABANDON EXISTING ELEVATOR
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40	OWNER PROVIDED REFRIGERATOR, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
41	OWNER PROVIDED REFRIGERATOR UNDERCOUNTER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
42	OWNER PROVIDED BLIND COFFEE MAKER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
43	OWNER PROVIDED MICROWAVE UNDERCOUNTER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
44	OWNER PROVIDED UNDERCOUNTER DISHWASHER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
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46	OWNER PROVIDED ICE MAKER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
47	NEW WATER HEATER - SEE PLUMBING
48	WALL MOUNTED MOP & BROOM HOLDER
49	APPLY TRANSLUCENT FILM TO INSIDE FACE OF GLAZING
50	IMPACT RESISTANT STEEL BOLLARD, GENERAL LOCATION SHOWN. COORDINATE LOCATION IN FIELD. REFER TO DETAIL 13AS400.
51	NEW CONCRETE RAMP, SEE SITE DETAILS AS400 & STRUCTURAL DRAWINGS FOR INFO.
52	NEW SHOOTING RANGE, SEE SHOOTING RANGE PLANS A108 FOR INFO.
53	PROVIDE WHEEL STOPS AT ACCESSIBLE PARKING LOCATIONS
54	NEW FOLDING ARM, SEE ELECTRICAL PLAN FOR ADDITIONAL INFORMATION
55	NEW BADGE IN ACCESS READER, SEE SHEET AS120 AND ELECTRICAL FOR ADDITIONAL INFORMATION
56	RESTRIPED PARKING TO ACCOMMODATE FOR ACCESSIBLE PARKING SPACES SHOWN. REFER TO CIVIL FOR ADA SIGNAGE AND PARKING SYMBOLS
57	NEW TRENCH DRAIN - SEE PLUMBING
58	NEW HOSE BIB - SEE PLUMBING
59	EYE WASH - SEE PLUMBING
60	1" FLUSH FLOOR TO FLOOR 2 HR EXPANSION JOINT (TYPE 1) TO MATCH ADJACENT TILE - SEE STRUC AND DETAILS ON A111.2
61	1" FLUSH FLOOR TO FLOOR 2 HR EXPANSION JOINT (TYPE 2) TO MATCH ADJACENT CARPET - SEE STRUC AND DETAILS ON A111.2
62	1" FLUSH FLOOR TO WALL 2 HR EXPANSION JOINT (TYPE 3) TO MATCH ADJACENT CARPET - SEE STRUC AND DETAILS ON A111.2
63	1" FLUSH FLOOR TO WALL 2 HR EXPANSION JOINT (TYPE 4) TO MATCH ADJACENT TILE - SEE STRUC AND DETAILS ON A111.2
64	1" FLUSH WALL CEILING TO WALL/CILING EXPANSION JOINT (TYPE 5) TO MATCH ADJACENT PAINT COLOR - SEE STRUC AND DETAILS ON A111.2
65	1" EXPANSION JOINT (TYPE 6) TO MATCH ADJACENT BRICK - SEE STRUC AND DETAILS
66	ADA PUSH BUTTON
67	FLOOR BOX - VERIFY FINAL LOCATION PRIOR TO INSTALLATION W/ ARCHITECT, COORDINATE W/ SYSTEMS FURNITURE - SEE ELECTRICAL
68	OWNER PROVIDED VENDING MACHINE, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
69	CEILING MOUNTED TV, PROVIDE NECESSARY MOUNTING HARDWARE - SEE ELECTRICAL AND TELECOMMUNICATIONS
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71	24" DEEP STAINLESS PASS THROUGH COUNTER INSTALLED 34" A.F.F. SEE ENLARGED PLANS FOR INFO.

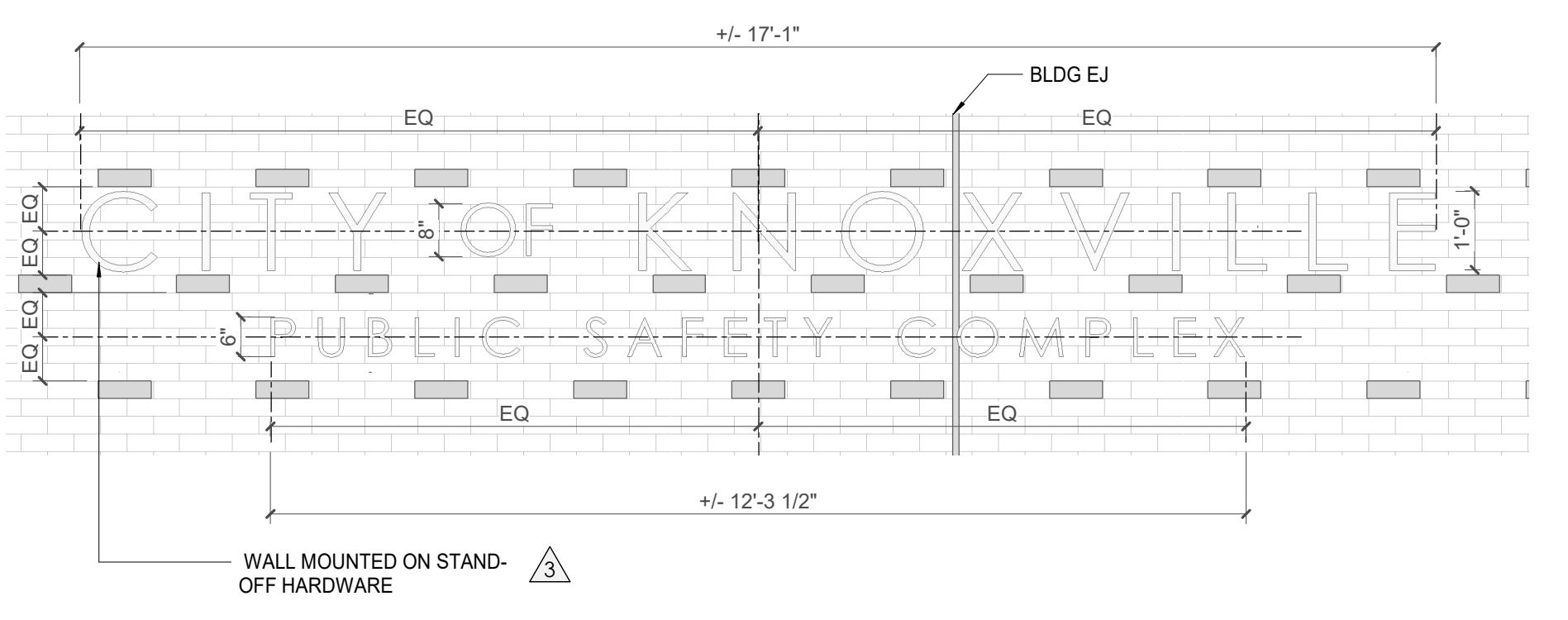


1 LEVEL LL2 ENLARGED LOBBY FLOOR PLAN
1/4" = 1'-0"

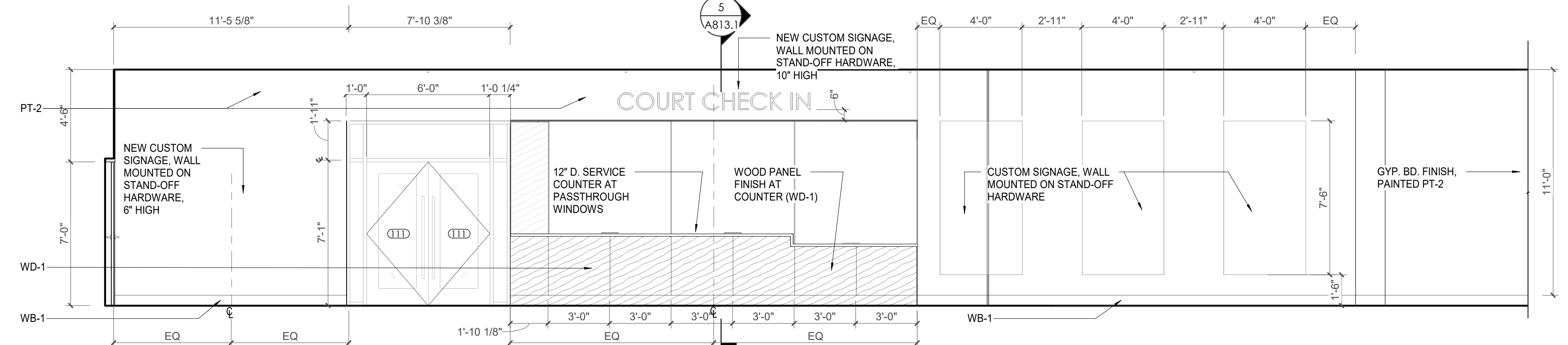
3 VESTIBULE METAL PANEL - CELL PHONE LOCKERS
1/4" = 1'-0"



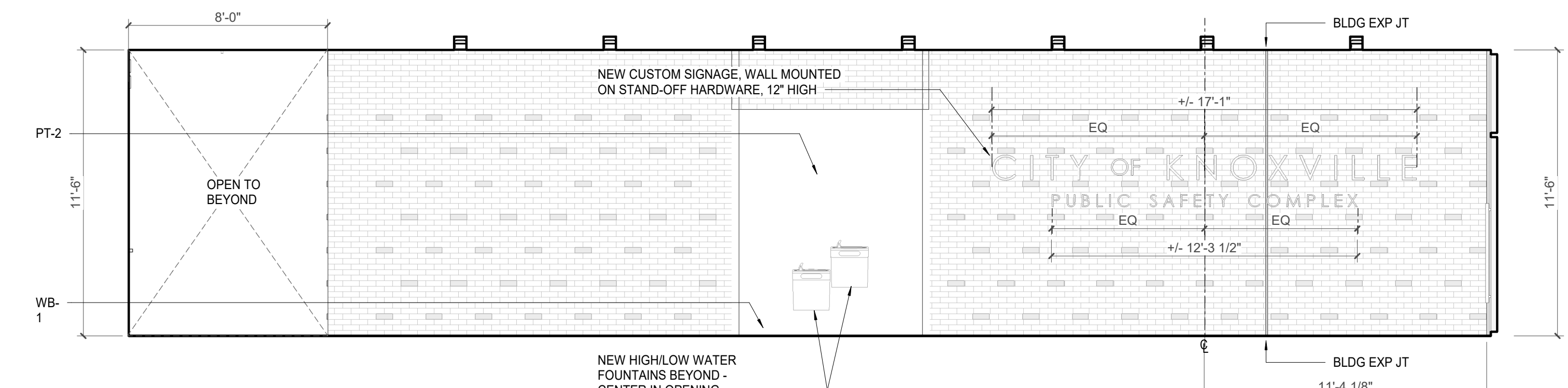
4 CA - LL2 - COURT OFFICE E. ELEVATION
1/4" = 1'-0"



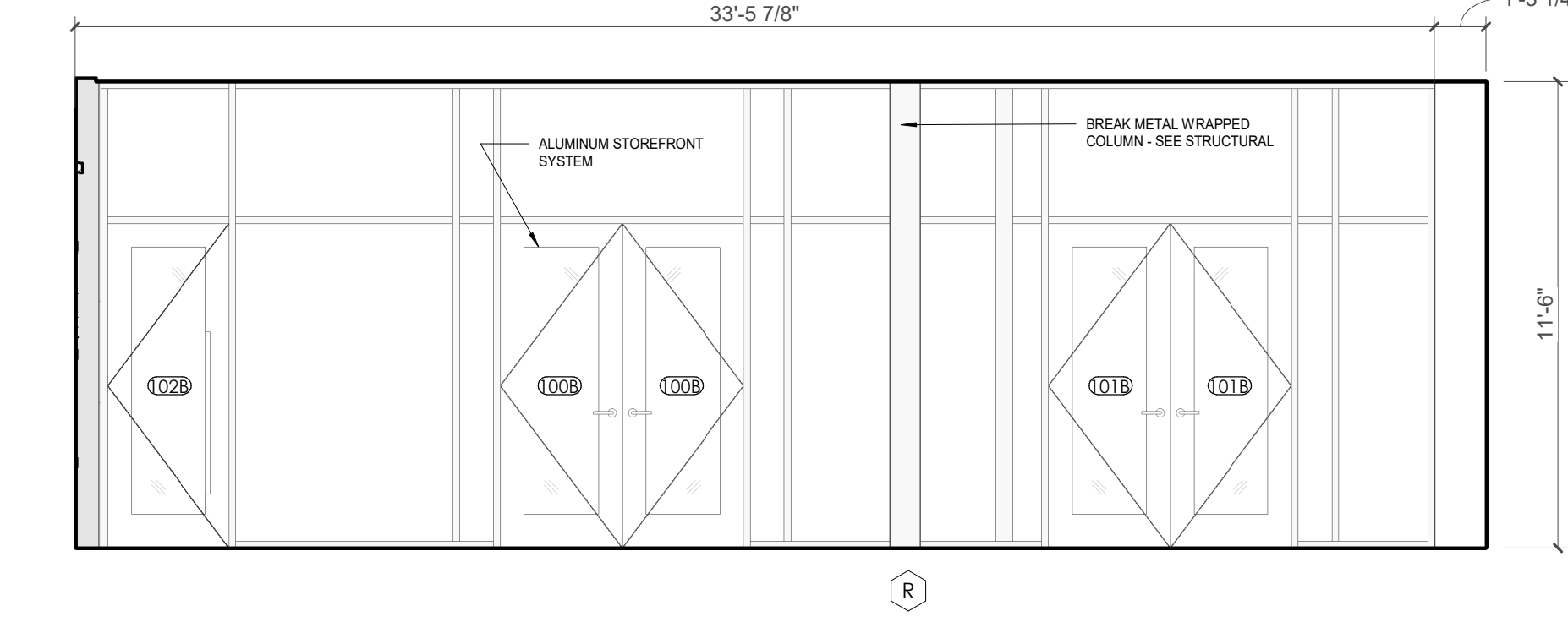
6 CA - LL2 - S. LOBBY SIGNAGE ELEVATION
1/2" = 1'-0"



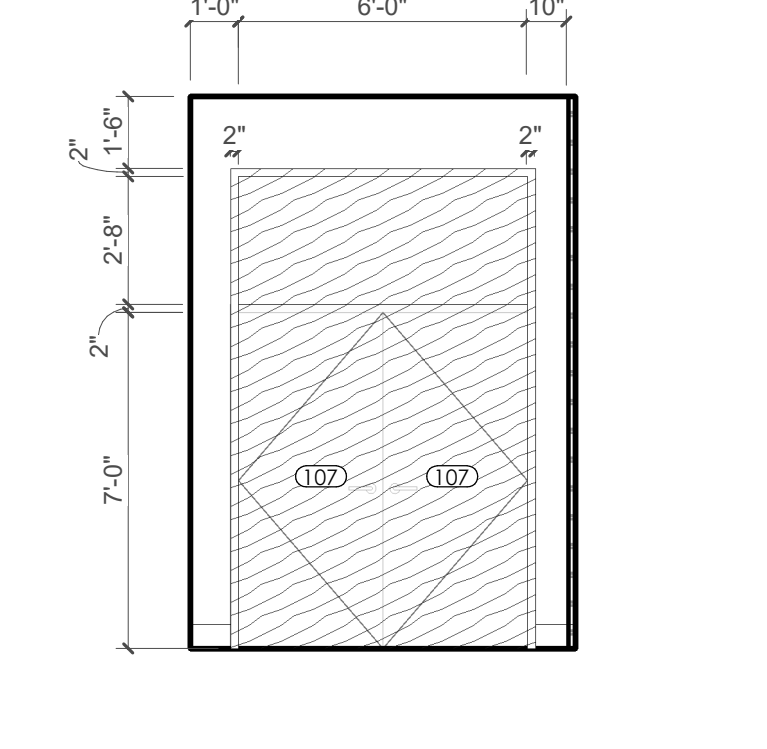
5 CA - LL2 - COURT OFFICE N. ELEVATION
1/4" = 1'-0"



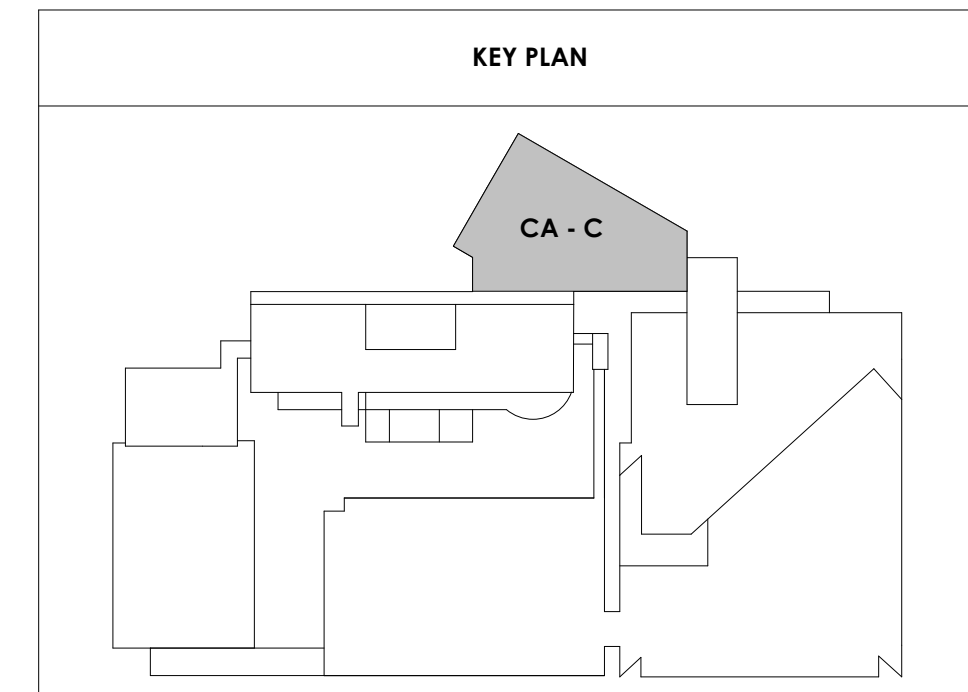
10 CA - LL2 - S. LOBBY ELEVATION
1/4" = 1'-0"



8 CA - LL2 - W. LOBBY ELEVATION
1/4" = 1'-0"



9 CA - LL2 - COURT ENTRY W. ELEVATION
1/4" = 1'-0"





Project Information:

19018

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Scale:



Consultant:

Architects Design Group

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2	ADD #02.1	02/17/21
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Issue Date: FEBRUARY 01, 2021

PKC: DAVID COLLINS

PM: JOHN THURMAN

PA: LAUREN BUSH /

Drawn By: Author

Checked By: BP

Drawing Info:

A812.2

CA - ENLARGED PLANS AND ELEVATIONS LL2 - LOBBY

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REFLECTED CEILING PLAN LEGEND

- 24" x 24" ACOUSTICAL CEILING TILE GRID
- 44" x 48" ACOUSTICAL CEILING TILE GRID
- GYPSUM BOARD CEILING
- WOOD PANEL CEILING
- EIFS SOFFIT
- **SUSPENDED CEILING AND GRID TO MEET SEISMIC DESIGN REQUIREMENTS AND ASTM C636 AND ASTM C636 - REFER TO SPECIFICATIONS
- CEILING TYPE INDICATOR
- CEILING HEIGHT AFF
- CEILING TYPE INDICATOR
- CEILING TYPES:
 - GYP: GYPSUM BOARD CEILING
 - ACT: ACOUSTICAL TILE CEILING
 - MTL: METAL PANEL SOFFIT
 - EXP: EXPOSED TO STRUCTURE
 - 4" DIA. RECESSED CAN LIGHT
 - 4" RECESSED WALL WASH DOWNLIGHT
 - RAZOR WALL WASH DOWNLIGHT
 - 2 x 2 TROFFER
 - LED STRIP
 - SURFACE MOUNT STRIP LIGHT
 - CONTINUOUS LINEAR LED DOWNLIGHT
 - DIRECT-INDIRECT LINEAR PENDANT
 - EXIT SIGN, SHADED QUADRANTS INDICATE NUMBER OF FACES. PROVIDE DIRECTIONAL ARROWS AS SHOWN.
 - EMERGENCY LIGHT
 - ED - WET LOCATION EXIT DISCHARGE LIGHT
 - CEILING MOUNTED SPEAKER
 - SPRINKLER HEAD, CENTER IN CEILING TILE (UNO)
 - HVAC CEILING SUPPLY
 - HVAC CEILING RETURN
 - HVAC LINEAR SUPPLY
 - HVAC LINEAR RETURN
 - ACCESS PANEL

KEYNOTES - REFLECTED CEILING PLAN

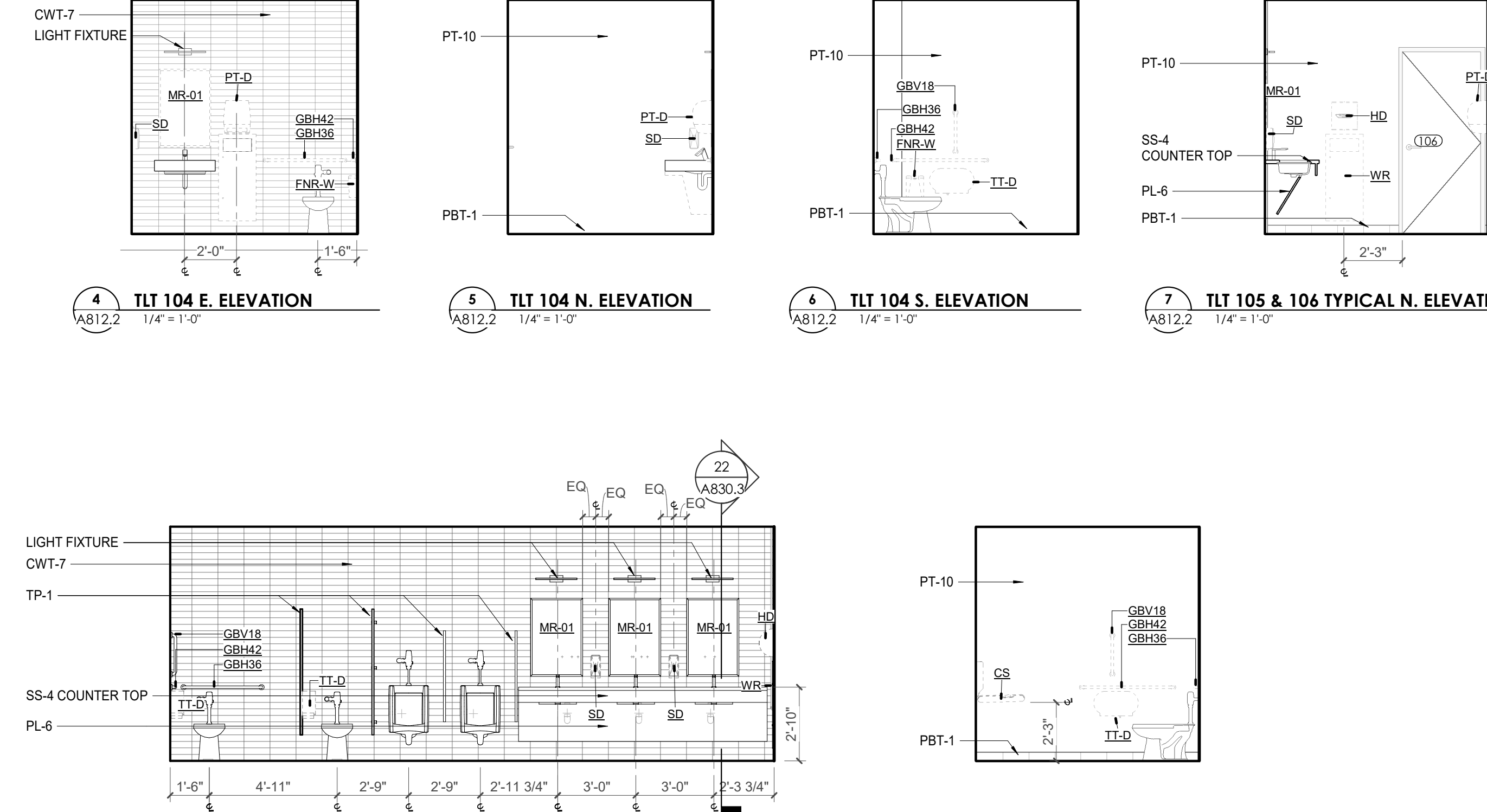
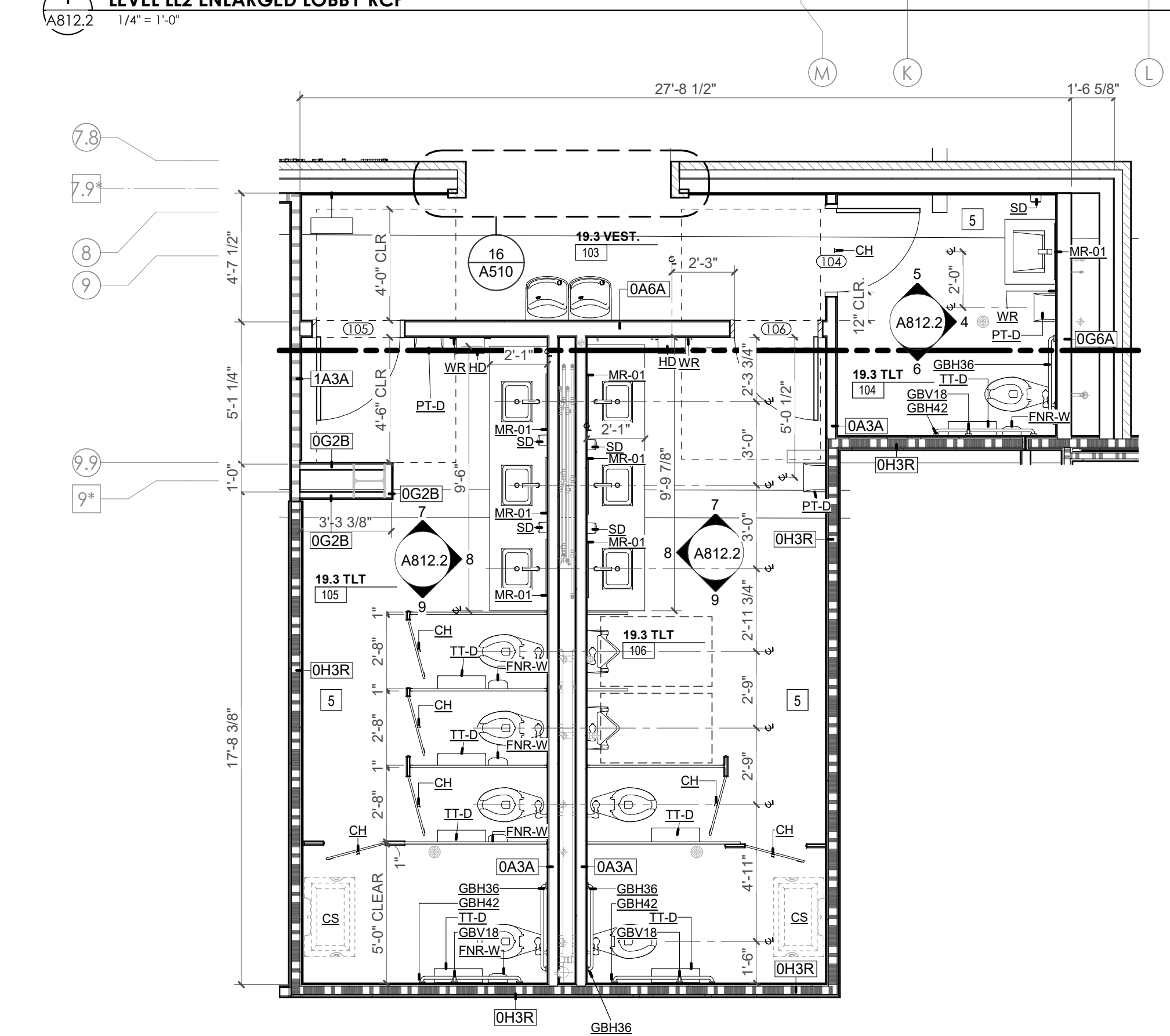
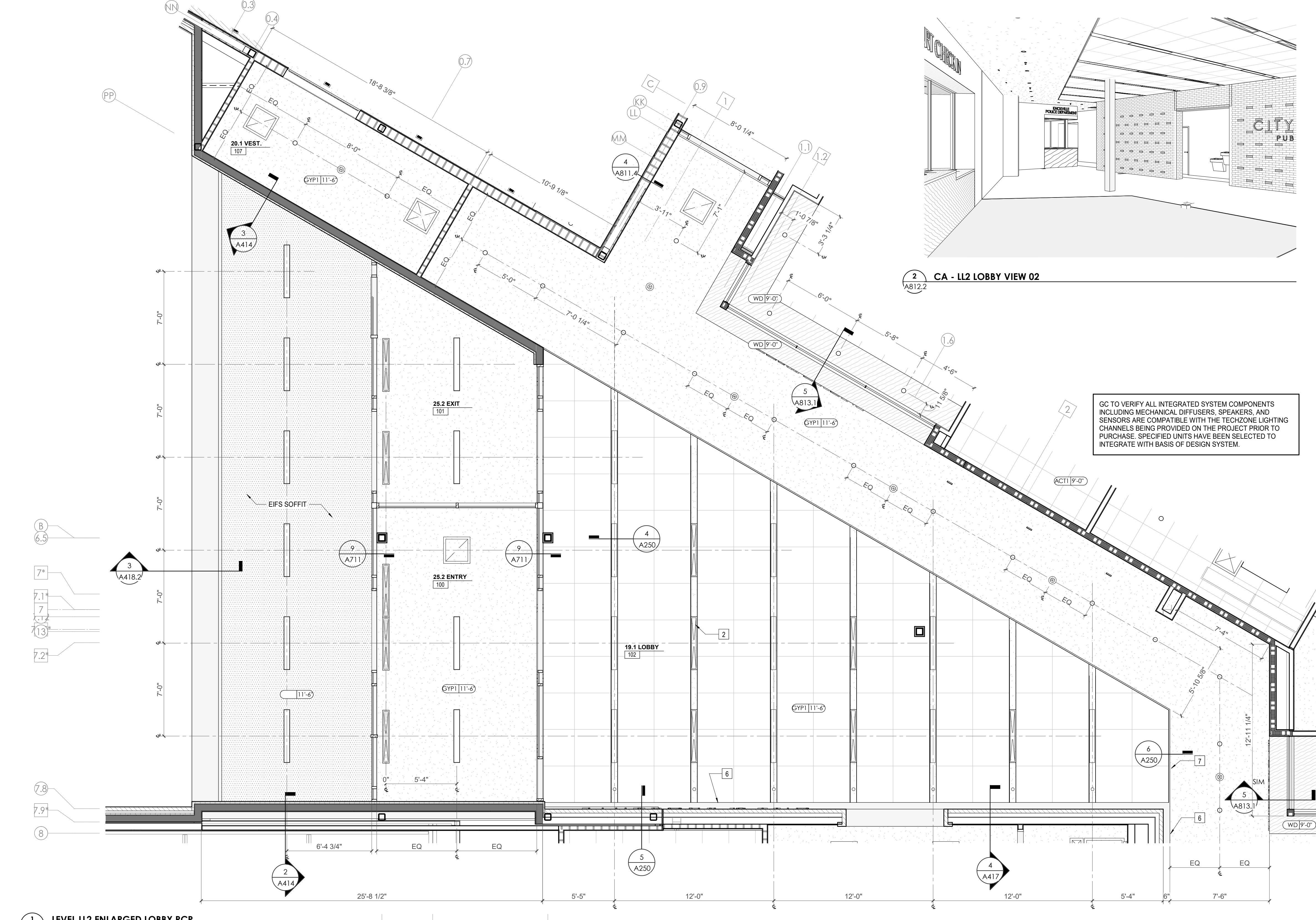
Tag	Text
1	6" PREFINISHED ALUMINUM TRIM AT PERIMETER
2	6" INTEGRATED ALUMINUM TECHZONE CHANNEL - LIGHTING AND MECHANICAL SUPPLY/RETURN
3	OPERABLE WALL PARTITION
4	ROLLER WINDOW SHADES AT ALL EXTERIOR WORKSPACE WINDOWS - TYP
5	GYP. BD. SOFFIT AT PERIMETER
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7	1" PREFORMED ALUMINUM REVEAL
8	EXISTING LIGHT FIXTURES IN GARAGES TO REMAIN
9	LOCATION OF CLOSETORY WINDOWS ABOVE 9'-0" GYP. BD. SOFFIT.
10	EXISTING LIGHT FIXTURES TO BE REINSTALLED IN NEW CEILING TILE AND GRID - VERIFY EXISTING FIXTURE LOCATIONS IN FIELD
11	LOCKERS BELOW (DASHED)
12	NEW FABRICATED STAINLESS STEEL PAN WITH RUBBERIZED COATING, SLOPED TOWARD DRAIN UNDER WATER HEATER IN ADJACENT ROOM. SEE SECTION FOR INFO.
13	PROVIDE NEW GYP. BD. SOFFIT ON EXISTING MTL STUD SOFFIT FRAMING TO REMAIN - VERIFY IN FIELD
14	BLACK OUT ROLLER WINDOW SHADES AT ALL EXTERIOR CLASSROOM WINDOWS - TYP
15	PATCH AND REPLACE EXISTING EIFS SOFFIT AS REQUIRED TO COMPLETE THE WORK
16	NEW MANUAL OVERHEAD COILING DOOR & FRAME, 45 MIN RATED. REMOVE EXISTING EIFS SOFFIT AND PROVIDE NEW SUSPENDED EIFS SOFFIT WITH R-30 BATT INSULATION IN OVERHANG CAVITY

WALL LEGEND

- 2 HR PARTITION (ASSEMBLY VARIES)
- 1 HR PARTITION (ASSEMBLY VARIES)
- BALLISTIC LEVEL 3 PARTITION (ASSEMBLY VARIES)
- NEW PARTITION (ASSEMBLY VARIES)
- EXISTING PARTITION
- EXISTING PARTITION TO BE DEMOLISHED

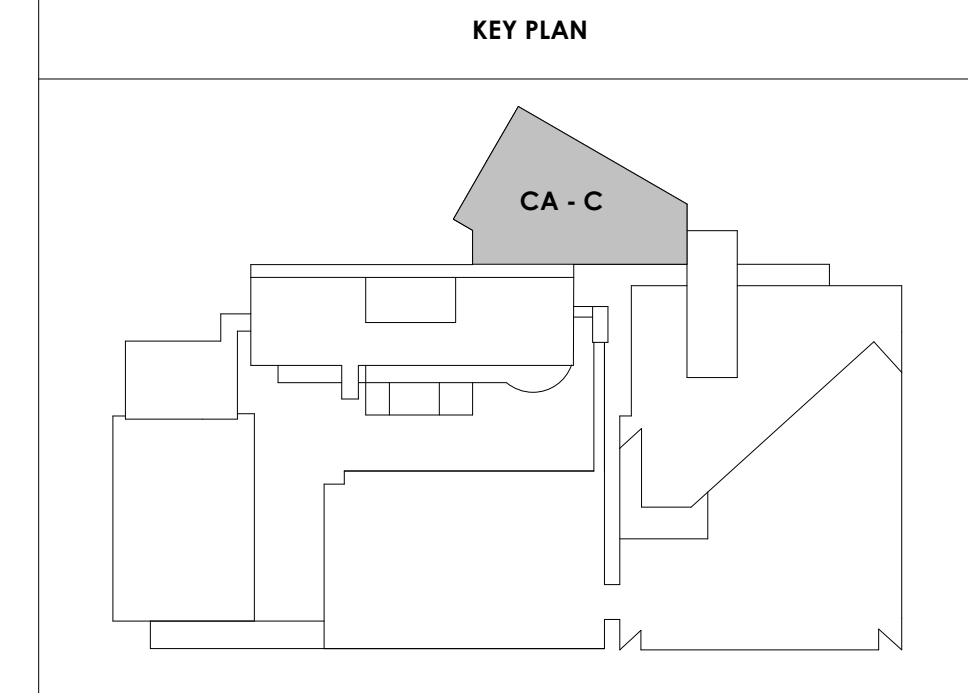
KEYNOTES - FLOOR PLANS

TAG	TEXT
1	SOFFIT ABOVE (DASHED)
2	EXISTING EGRESS STAIR TO REMAIN - PREP & PAINT EXISTING HANDRAILS, STAIR, & WALLS TO REMAIN
3	EXISTING ELEVATOR TO BE MODIFIED/REPLACED AS REQUIRED TO REACH ALL FOUR (4) FLOORS. SEE ELEVATOR PLANS & DETAILS SHEET FOR INFO.
4	EXISTING ELEVATOR - REFURBISH EQUIPMENT & CONTROLS, NEW FINISHES TO INTERIOR OF CAR AS REQ'D. SEE ELEVATOR PLANS & DETAILS SHEET FOR INFO.
5	NEW FLOOR DRAIN - REFER TO PLUMBING
6	SHADED AREA DENOTES NEW CONCRETE FLOOR SLAB - REFER TO STRUC.
7	BALLISTIC LEVEL 3 RATING AND GLAZING - CONT. TO 8'-0" AFF MIN.
8	MOBILE VEHICLE LIFT
9	OVERHEAD COILING DOOR. SEE MANUF. REQ'S
10	OWNER PROVIDED WOOD PEW SEATING - N.I.C.
11	OWNER PROVIDED 36" DEEP OPEN SHELVING - N.I.C.
12	18" X 24" X 72" HEAVY DUTY LOCKER WITH DRAWER/BENCH (TYPE 1)
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71	24" DEEP STAINLESS PASS THROUGH COUNTER INSTALLED 34" A.F.F. SEE ENLARGED PLANS FOR INFO.



TOILET ACCESSORIES LEGEND

MARK	DESCRIPTION
GBH42	42" HORIZONTAL GRAB BAR, ADA, COLOR: STAINLESS STEEL
GBH36	36" HORIZONTAL GRAB BAR, ADA, COLOR: STAINLESS STEEL
GBV18	18" VERTICAL GRAB BAR, ADA, COLOR: STAINLESS STEEL
MR-01	24" X 36" MIRROR, BLACK FRAME
MR-02	LOCKER ROOM FLOOR MIRROR
MR-03	20" X 59" MIRROR, DOOR MOUNTED, BLACK FRAME
PNR-S	FEMININE NAPKIN RECEPTACLE, SURFACE-MTD, FINISH: STAINLESS STEEL
TT-D	TOILET TISSUE, DOUBLE-ROLL DISPENSER, FINISH: BLACK
HD	HAND DRYER, WALL-MOUNTED, FINISH: BLACK
PT-D	AUTOMATIC PAPER TOWEL DISPENSER, WALL-MTD, FINISH BLACK
WR	WASTE RECEPTACLE, FINISH: BLACK
CS	CHANGING STATION, FINISH: STAINLESS STEEL
CH	COAT HOOK, FINISH: BLACK
SR-01	36" SHOWER ROD, FINISH: BLACK
SR-02	40" SHOWER ROD, FINISH: BLACK
SS	SHOWER SEAT, PER ADA, FINISH: PHENOLIC



3 ENLARGED PLAN - TL104, 105, & 106
A812.2 1/4" = 1'-0"

3/30/2021 15:14:47 PM



Project Information:

19018

COK PUBLIC SAFETY COMPLEX

900 East Oak Hill Ave, Knoxville, TN

Scale:



Consultant:
Architects Design Group

#	ISSUE	DATE
2	ADD #02.1	02/17/21
4	ADD #04.1	03/03/21

Issue Date: FEBRUARY 01, 2021
 PIC: DAVID COLLINS
 PM: JOHN THURMAN
 PA: LAUREN BUSH /
 Drawn By: Author
 Checked By: BP

Drawing Info:

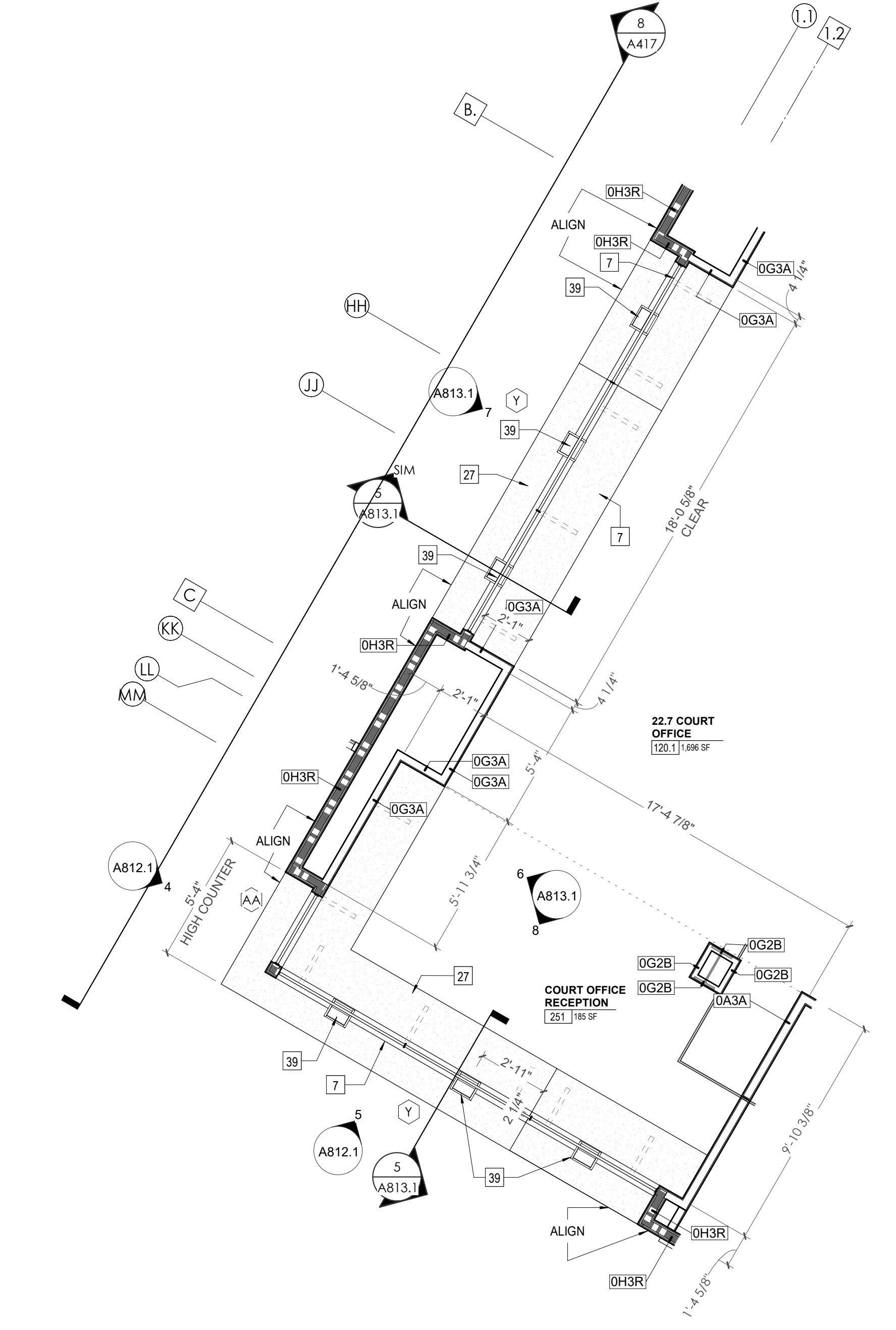
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CA - ENLARGED PLANS AND ELEVATIONS LL2 - COURT OFFICES

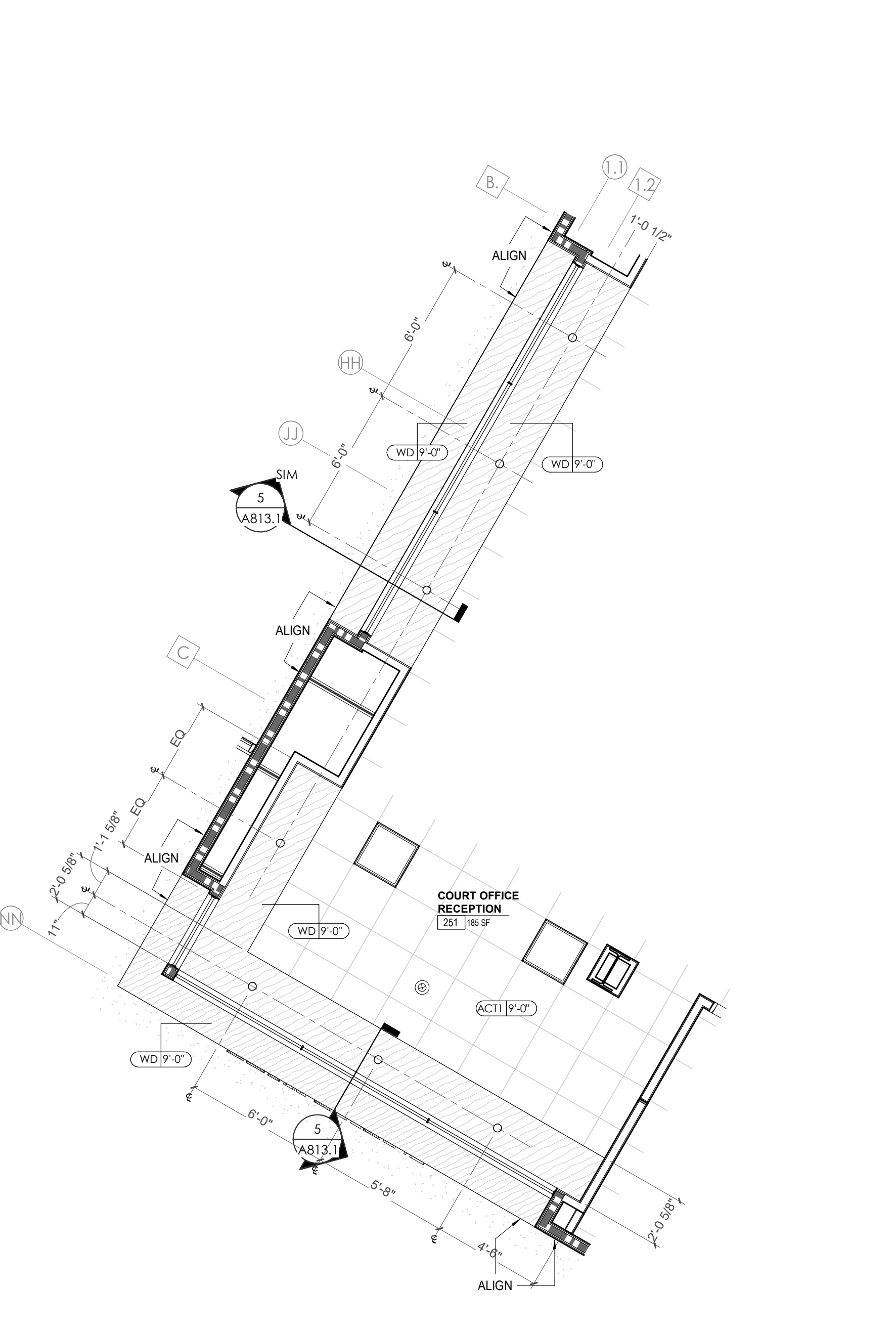
REFLECTED CEILING PLAN LEGEND	
	24" x 24" ACOUSTICAL CEILING TILE GRID 44" x 48" ACOUSTICAL CEILING TILE GRID
	GYPSUM BOARD CEILING
	WOOD PANEL CEILING
	EIFS SOFFIT
	CEILING TYPE INDICATOR
	CEILING HEIGHT AFF
	CEILING TYPE INDICATOR
CEILING TYPES:	
	GYP - GYPSUM BOARD CEILING
	ACT - ACOUSTICAL TILE CEILING
	MTL - METAL PANEL SOFFIT
	EXP - EXPOSED TO STRUCTURE
	4" DIA. RECESSED CAN LIGHT
	AIMABLE DOWNLIGHT
	4" RECESSED WALL WASH DOWNLIGHT
	RAZOR WALL WASH DOWNLIGHT
	2 x 2 TROFFER
	LED STRIP
	SURFACE MOUNT STRIP LIGHT
	CONTINUOUS LINEAR LED DOWNLIGHT
	DIRECT-INDIRECT LINEAR PENDANT
	EXIT SIGN, SHADED QUADRANTS INDICATE NUMBER OF FACES. PROVIDE DIRECTIONAL ARROWS AS SHOWN.
	EMERGENCY LIGHT
	ED - WET LOCATION EXIT DISCHARGE LIGHT
	CEILING MOUNTED SPEAKER
	SPRINKLER HEAD, CENTER IN CEILING TILE (UNO)
	HVAC CEILING SUPPLY
	HVAC CEILING RETURN
	HVAC LINEAR SUPPLY
	HVAC LINEAR RETURN
	ACCESS PANEL

WALL LEGEND	
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	1 HR PARTITION (ASSEMBLY VARIES)
	BALLISTIC LEVEL 3 PARTITION (ASSEMBLY VARIES)
	NEW PARTITION (ASSEMBLY VARIES)
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	EXISTING PARTITION TO BE DEMOLISHED

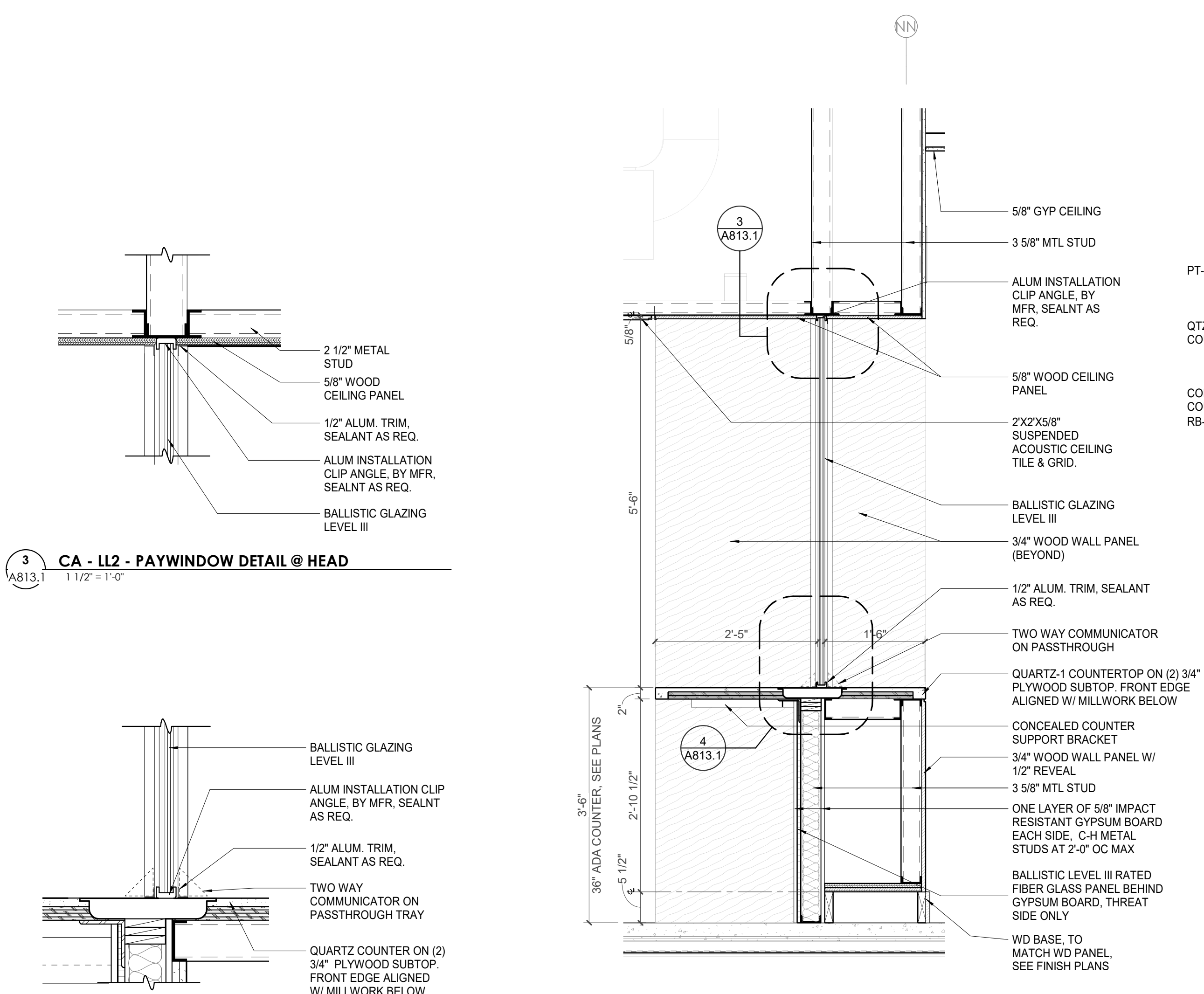
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1/4" = 1'-0"

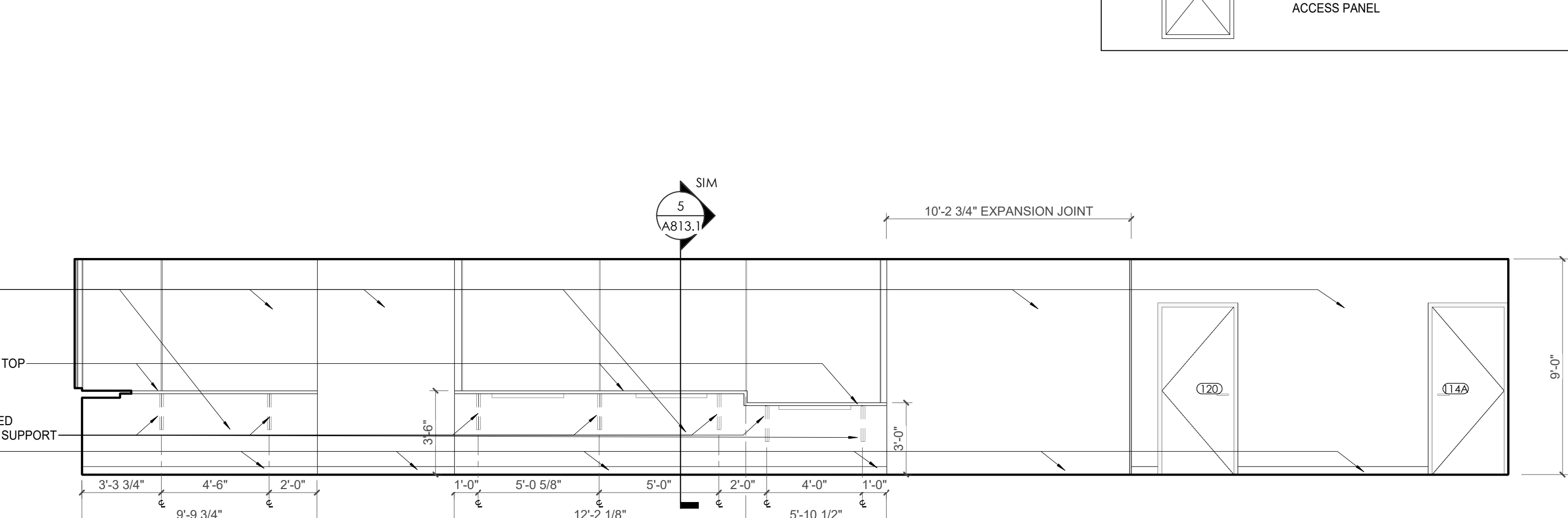


2 CA - LL2 - COURT OFFICE ENLARGED RCP
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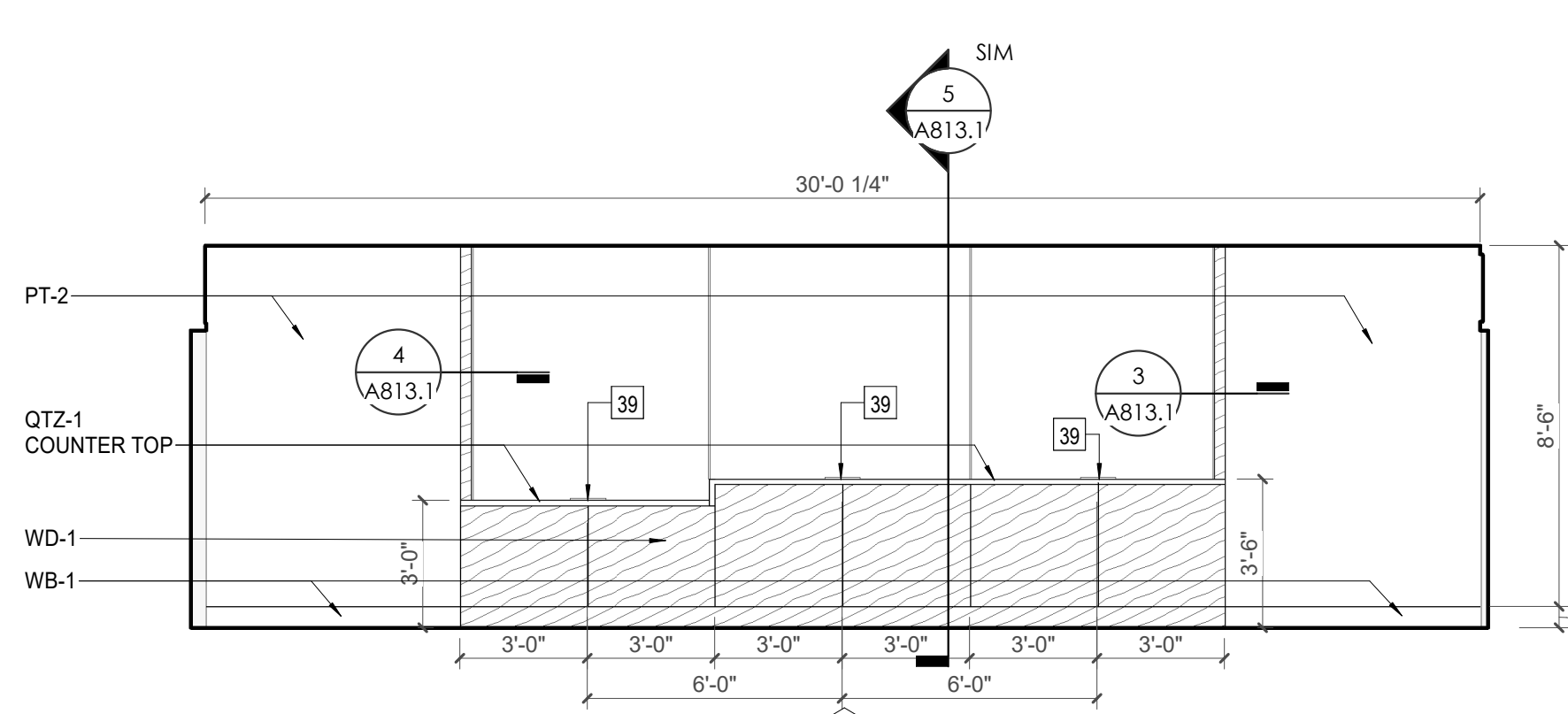


3 CA - LL2 - PAYWINDOW DETAIL @ HEAD
1 1/2" = 1'-0"

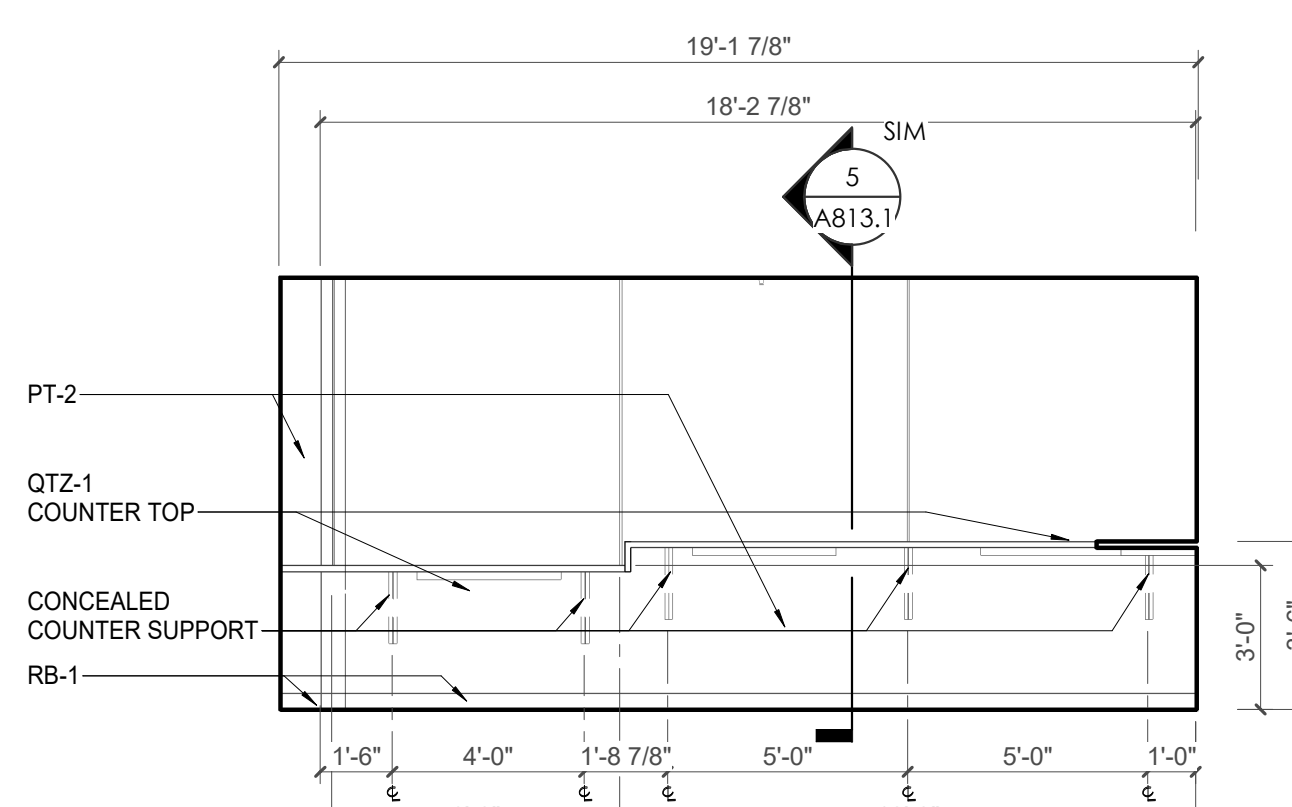
4 CA - LL2 - PAYWINDOW DETAIL @ SILL
1 1/2" = 1'-0"



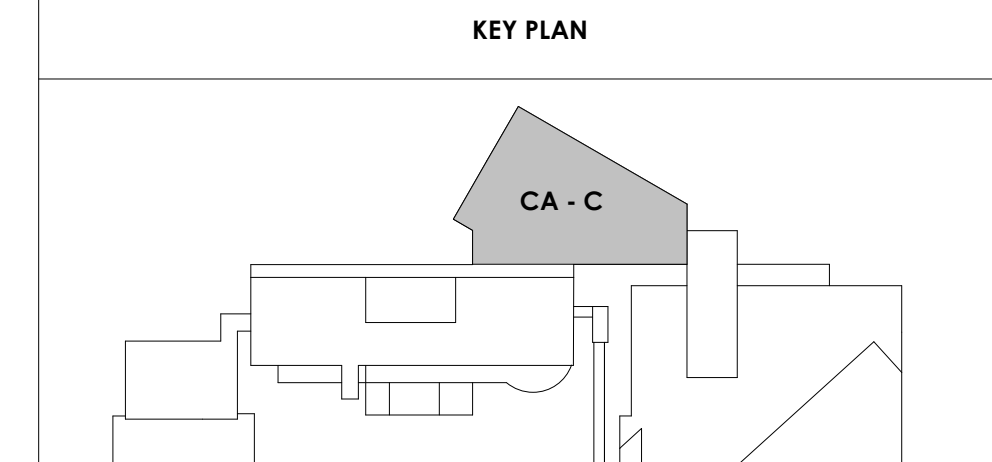
6 CA - LL2 - COURT OFFICE PAY WINDOW N. ELEVATION
1/4" = 1'-0"



7 CA - LL2 - COURT OFFICE PAY WINDOW E. ELEVATION
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8 CA - LL2 - COURT OFFICE PAY WINDOW W. ELEVATION
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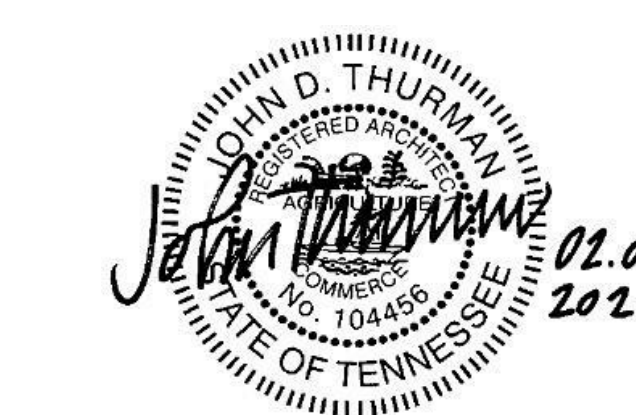
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Consultant:
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#	ISSUE	DATE
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Issue Date: FEBRUARY 01, 2021
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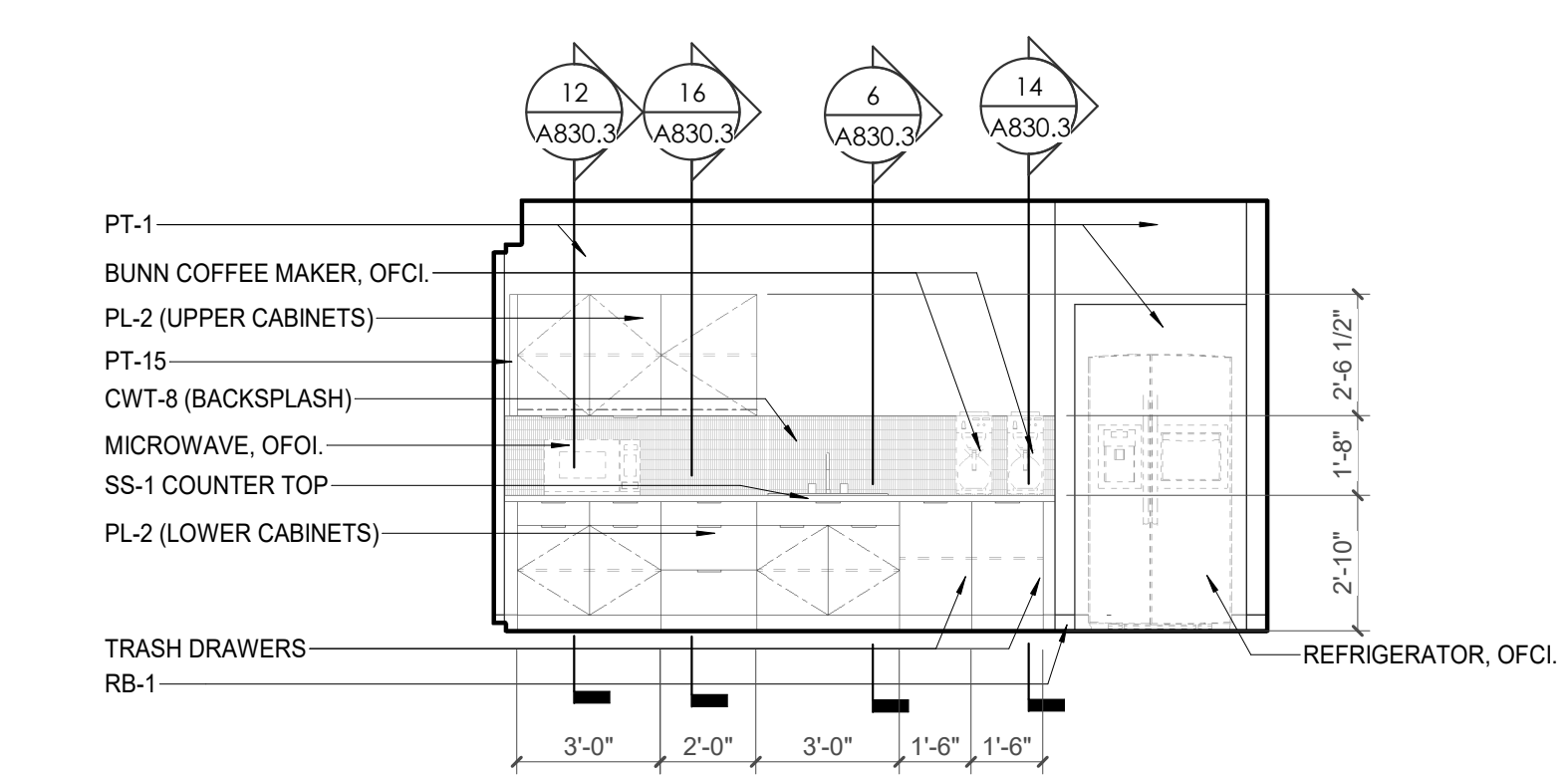
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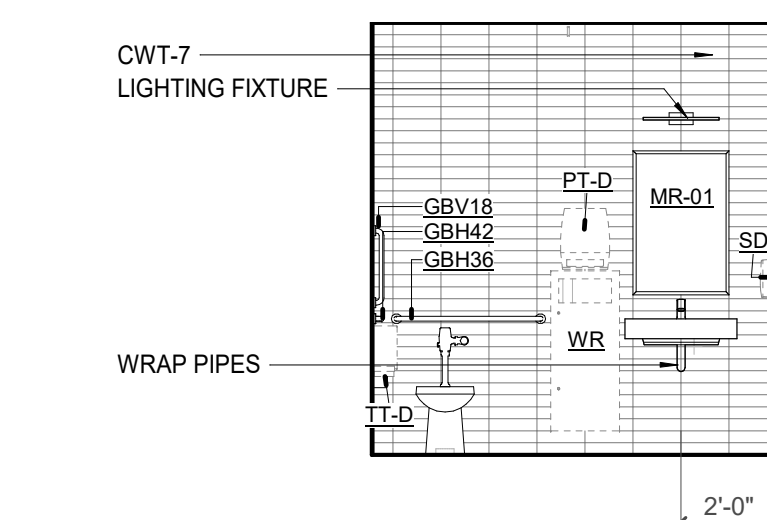
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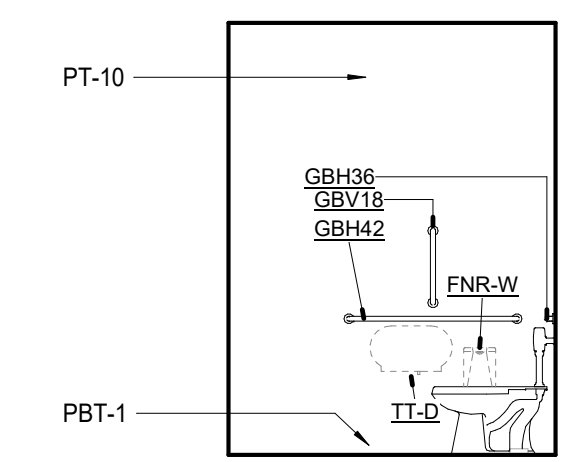
TOILET ACCESSORIES LEGEND	
MARK	DESCRIPTION
GH42	42" HORIZONTAL GRAB BAR, ADA, COLOR: STAINLESS STEEL
GH36	36" HORIZONTAL GRAB BAR, ADA, COLOR: STAINLESS STEEL
GBV18	18" VERTICAL GRAB BAR, ADA, COLOR: STAINLESS STEEL
MR-01	24" X 36" MIRROR, BLACK FRAME
MR-02	LOCKER ROOM FRAMLESS MIRROR
MR-03	20" X 59" MIRROR, DOOR MOUNTED, BLACK FRAME
FNR-S	FEMININE NAPKIN RECEPTACLE, SURFACE-MTD, FINISH: STAINLESS STEEL
TT-D	TOILET TISSUE, DOUBLE-ROLL DISPENSER, FINISH: BLACK
HD	HAND DRYER, WALL-MOUNTED, FINISH: BLACK
PT-D	AUTOMATIC PAPER TOWEL DISPENSER, WALL-MTD, FINISH BLACK
WR	WASTE RECEPTACLE, FINISH: BLACK
CS	CHANGING STATION, FINISH: STAINLESS STEEL
CH	COAT HOOK, FINISH: BLACK
SR-01	36" SHOWER ROD, FINISH: BLACK
SR-02	60" SHOWER ROD, FINISH: BLACK
SS	SHOWER SEAT, PER ADA, FINISH: PHENOLIC



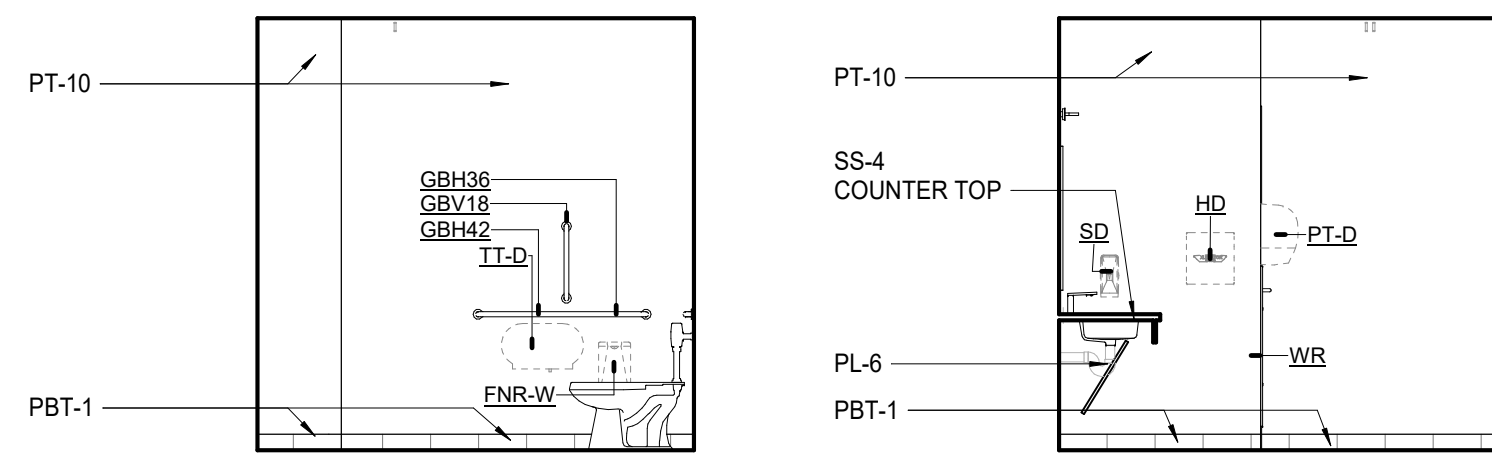
4 CA - LL2 - BREAK ROOM 124 E. ELEVATION
A813.2 1/4" = 1'-0"



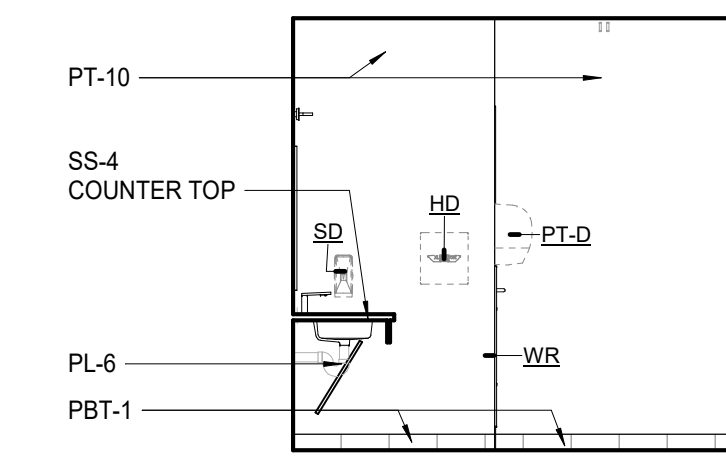
6 TLT 117 S. ELEVATION
A813.2 1/4" = 1'-0"



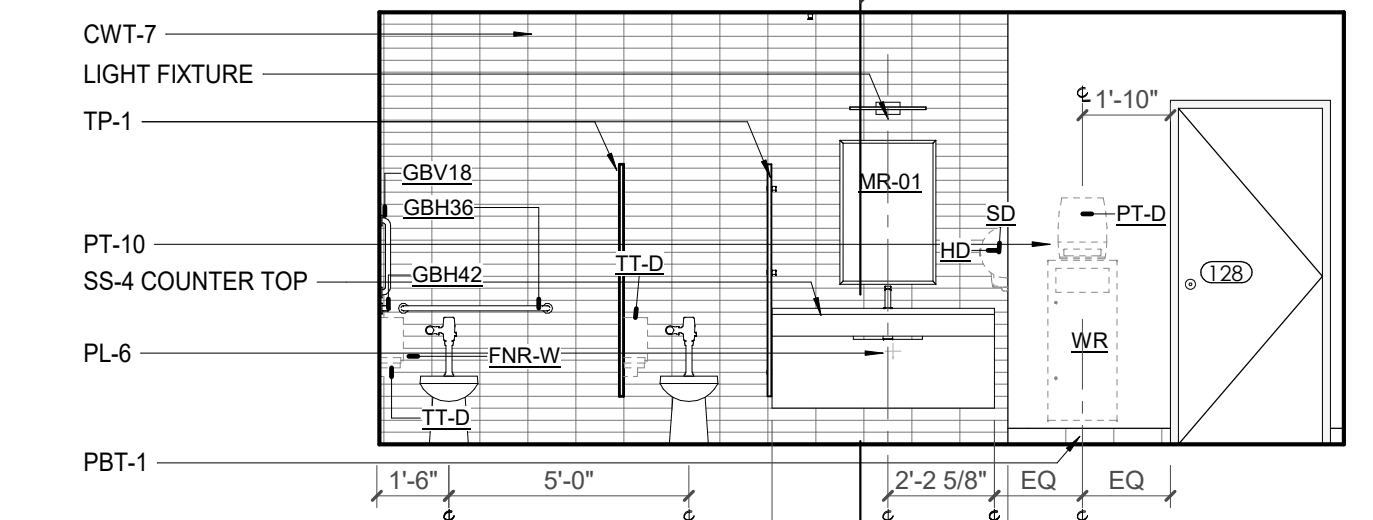
7 TLT 117 E. ELEVATION
A813.2 1/4" = 1'-0"



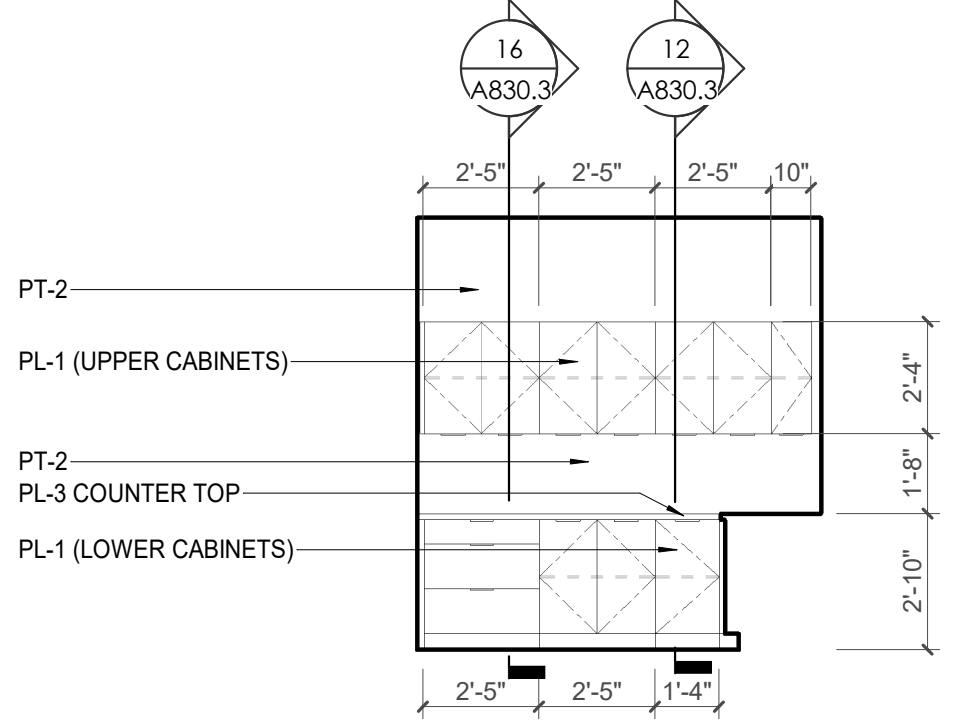
2 TLT 127 & 128 TYPICAL S. ELEVATION
A813.2 1/4" = 1'-0"



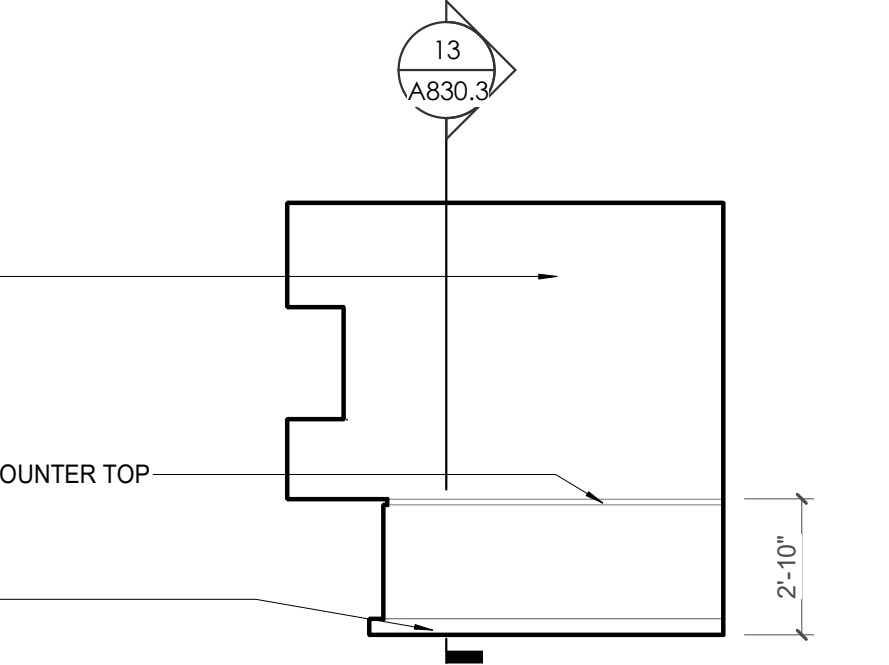
3 TLT 127 & 128 TYPICAL N. ELEVATION
A813.2 1/4" = 1'-0"



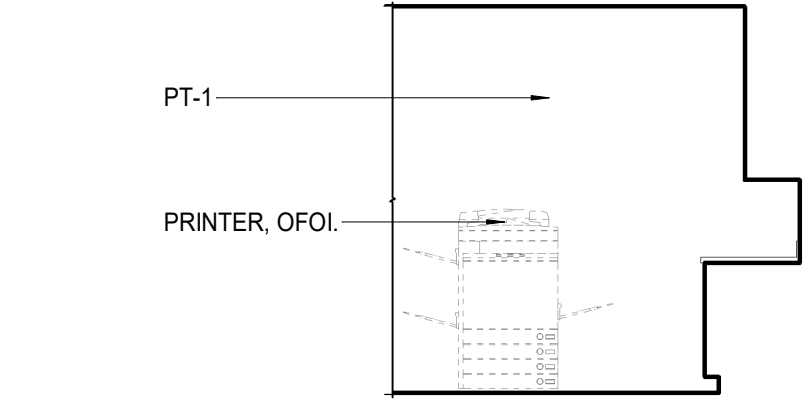
5 TLT 127 & 128 TYPICAL WET WALL ELEVATION
A813.2 1/4" = 1'-0"



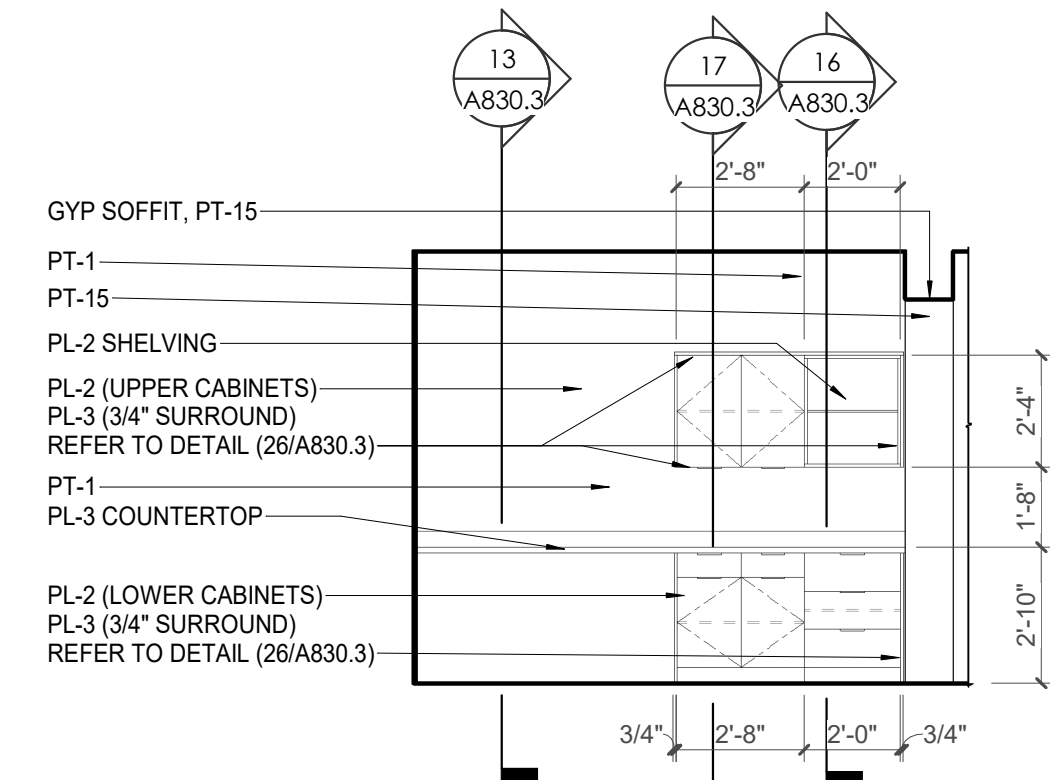
9 CA - LL2 - CASH COUNT 122 E. ELEVATION
A813.2 1/4" = 1'-0"



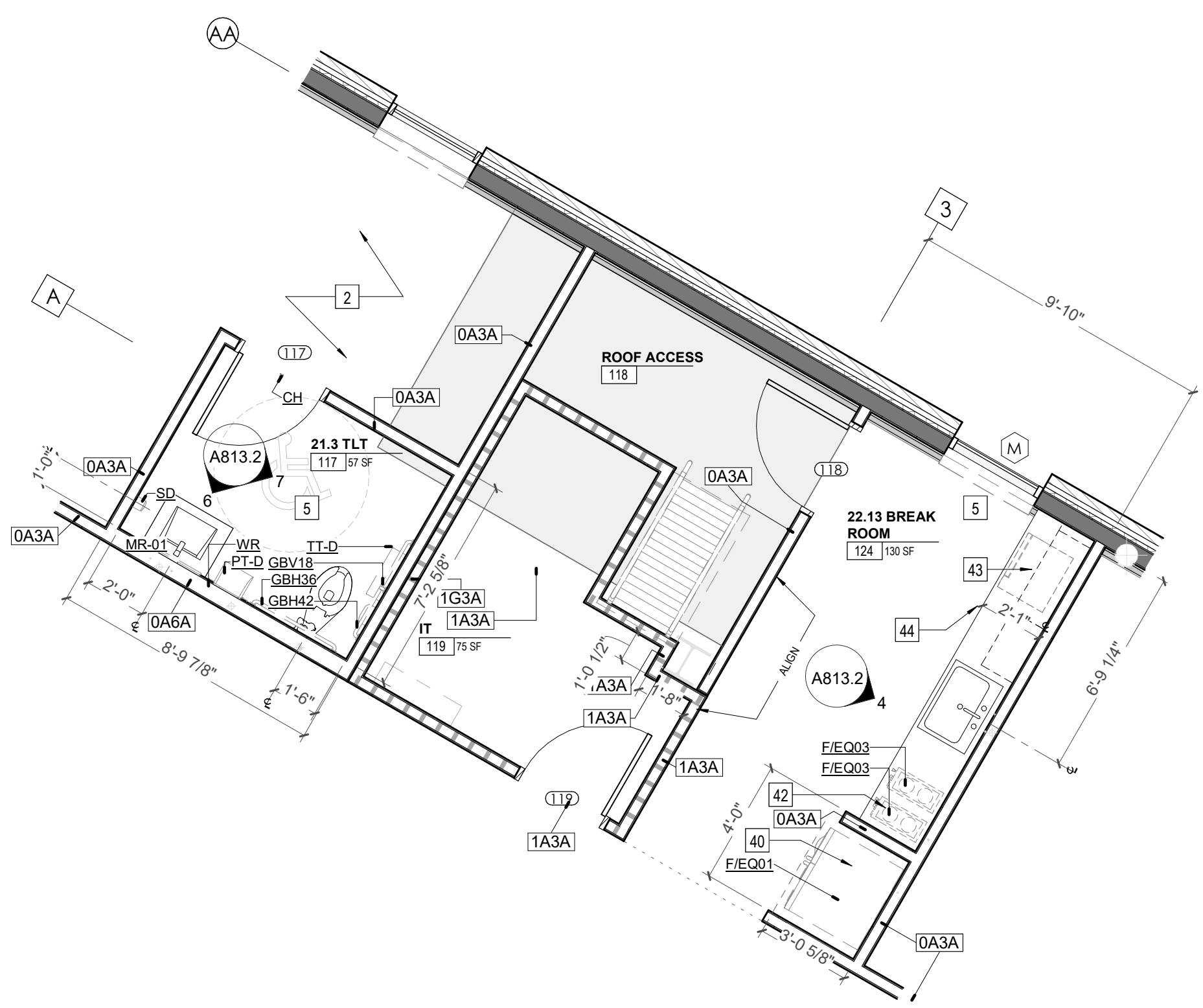
10 CA - LL2 - CASH COUNT 122 W. ELEVATION
A813.2 1/4" = 1'-0"



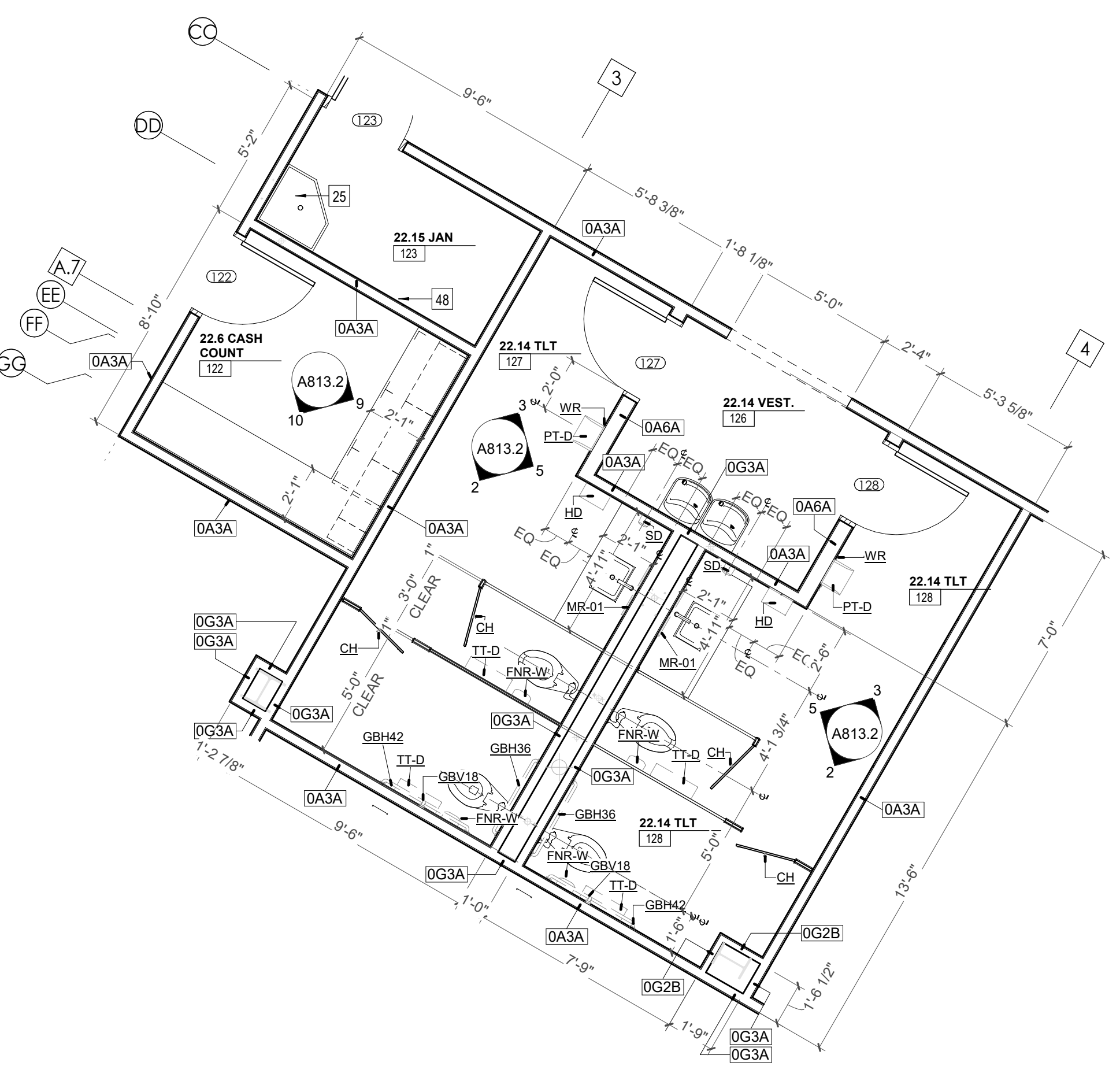
13 CA - LL2 - WORK/COPY 120.2 W ELEVATION
A813.2 1/4" = 1'-0"



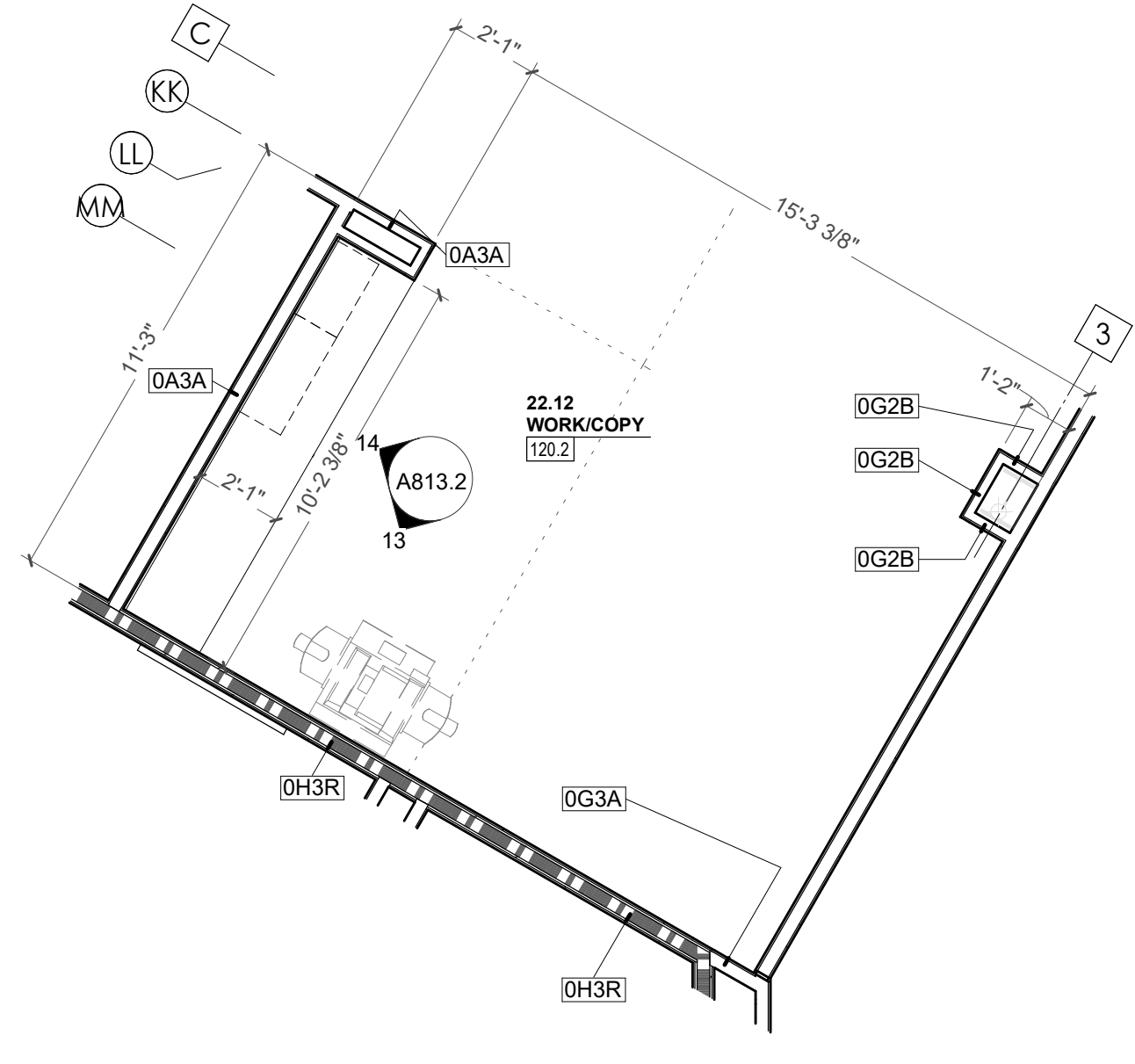
14 CA - LL2 - WORK/COPY 120.2 S. ELEVATION
A813.2 1/4" = 1'-0"



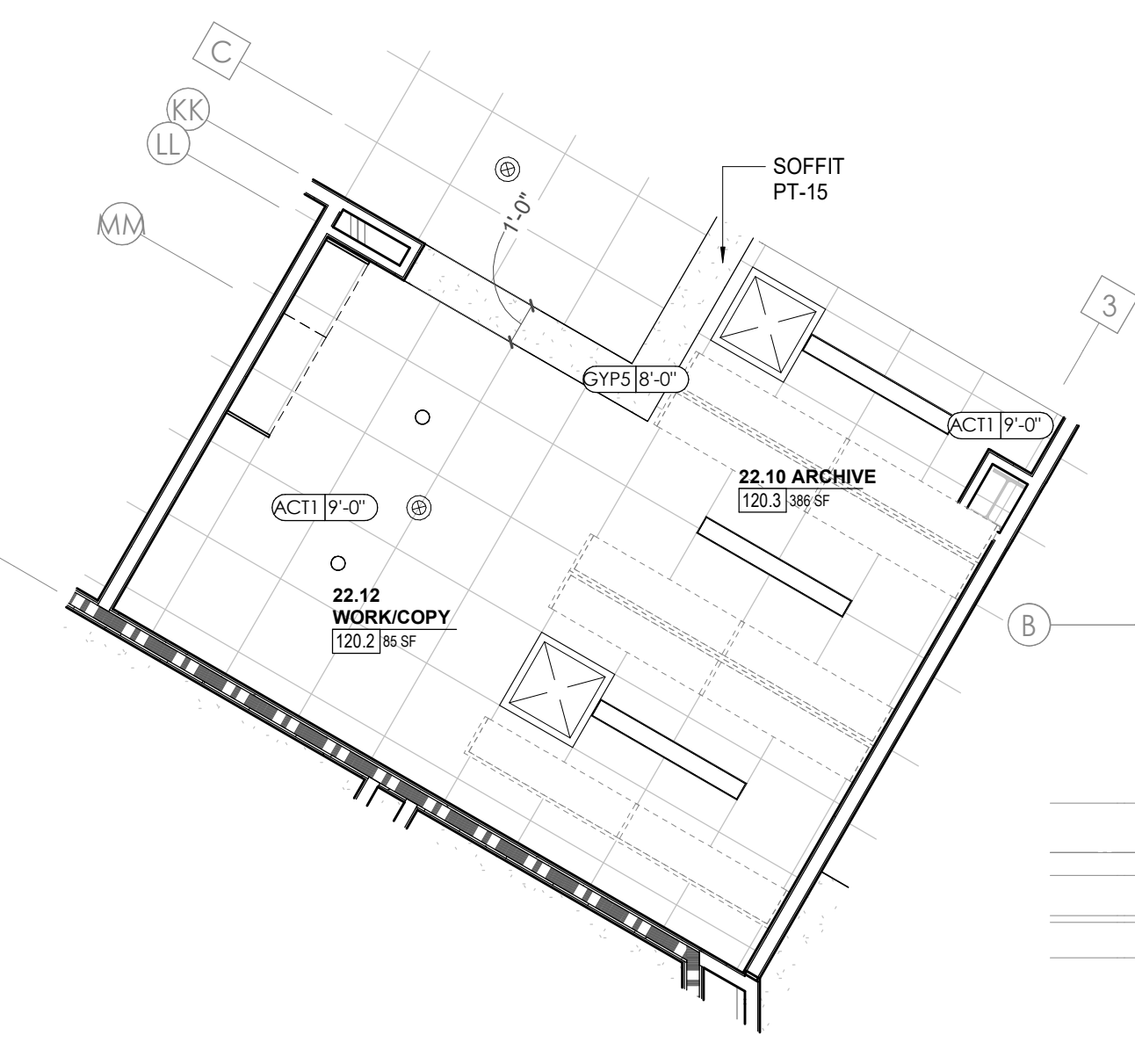
1 ENLARGED PLAN - CA LL2 - TLT 117 & BREAK ROOM 124
A813.2 1/4" = 1'-0"



8 ENLARGED PLAN - CA - LL2 - CASH COUNT 122 & TLT 127 & 128
A813.2 1/4" = 1'-0"



11 ENLARGED PLAN - CA - LL2 - WORK/COPY 120.2 & ARCHIVE 120.3
A813.2 1/4" = 1'-0"



12 ENLARGED RCP - CA - LL2 - WORK/COPY 120.2 & ARCHIVE 120.3
A813.2 1/4" = 1'-0"



Project Information:

19018

COK PUBLIC SAFETY COMPLEX

900 East Oak Hill Ave, Knoxville, TN

Scale:



Consultant:
Architects Design Group

#	ISSUE	DATE
2	ADD #02.1	02/17/21
4	ADD #04.1	03/03/21

Issue Date: FEBRUARY 01, 2021
 PIC: DAVID COLLINS
 PM: JOHN THURMAN
 PA: LAUREN BUSH /
 Drawn By: Author
 Checked By: BP

Drawing Info:

A814

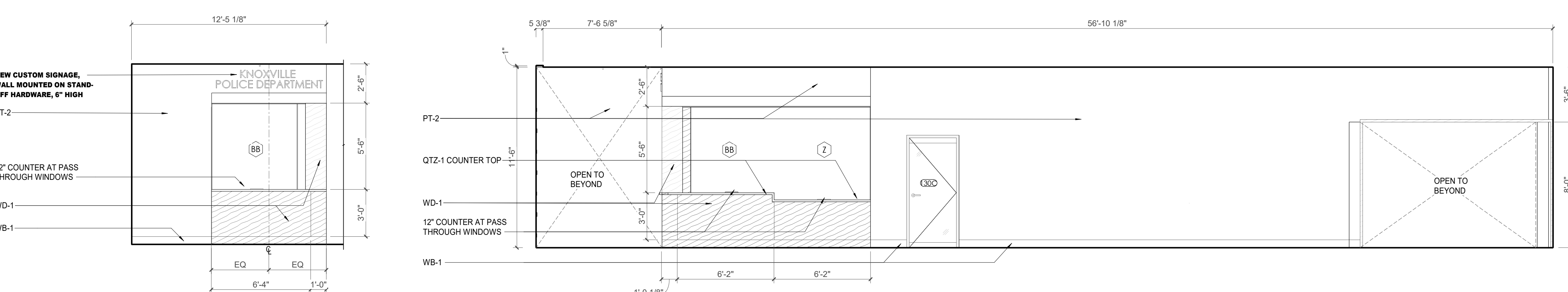
CA - ENLARGED PLANS AND ELEVATIONS LL2 - TELESERVE

WALL LEGEND	
	2 HR PARTITION (ASSEMBLY VARIES)
	1 HR PARTITION (ASSEMBLY VARIES)
	BALLISTIC LEVEL 3 PARTITION (ASSEMBLY VARIES)
	NEW PARTITION (ASSEMBLY VARIES)
	EXISTING PARTITION
	EXISTING PARTITION TO BE DEMOLISHED

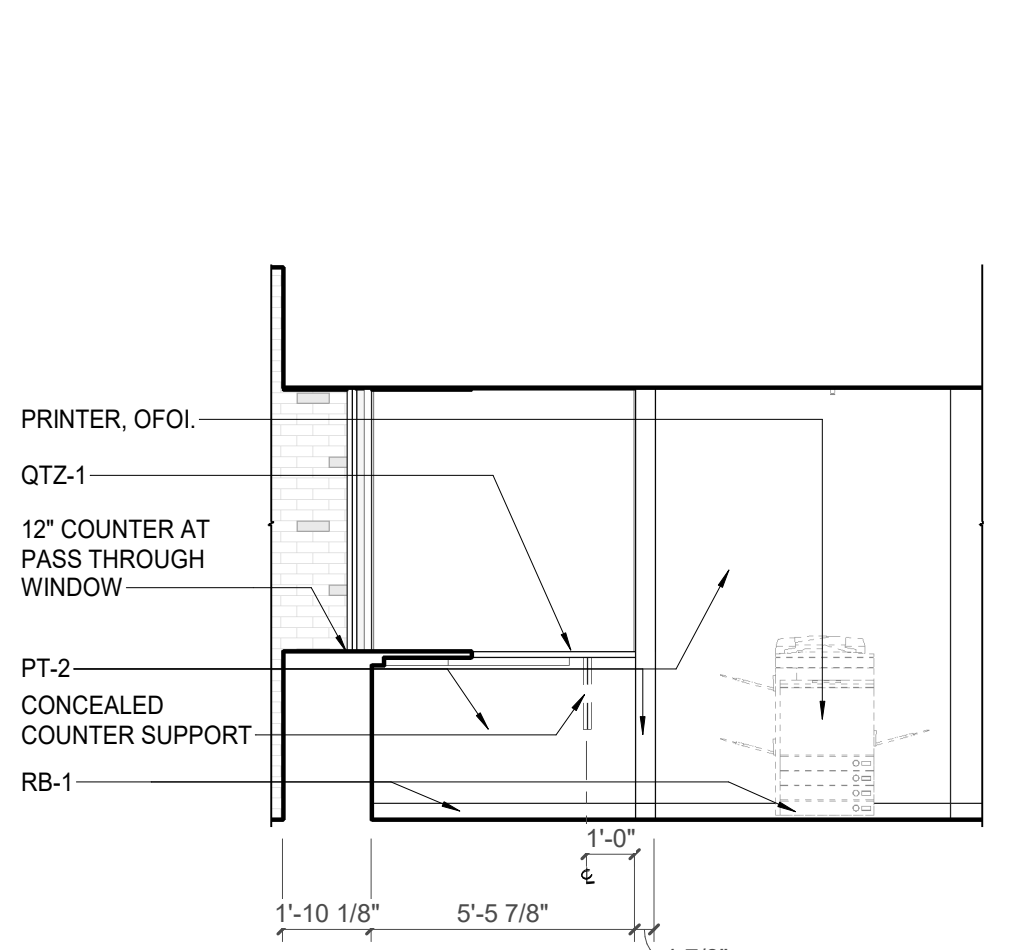
KEYNOTES - FLOOR PLANS

TAG	TEXT
1	SOFFIT ABOVE (DASHED)
2	EXISTING EGRESS STAIR TO REMAIN - PREP & PAINT EXISTING HANDRAILS, STAIR, & WALLS TO REMAIN
3	EXISTING ELEVATOR TO BE MODIFIED/REPLACED AS REQUIRED TO REACH ALL FOUR (4) FLOORS. SEE ELEVATOR PLANS & DETAILS SHEET FOR INFO.
4	EXISTING ELEVATOR - REFURBISH EQUIPMENT & CONTROLS, NEW FINISHES TO INTERIOR OF CAR AS REQ'D. SEE ELEVATOR PLANS & DETAILS SHEET FOR INFO.
5	NEW FLOOR DRAIN - REFER TO PLUMBING
6	SHADED AREA DENOTES NEW CONCRETE FLOOR SLAB - REFER TO STRUC.
7	BALLISTIC LEVEL 3 RATING AND GLAZING - CONT. TO 8'-0" AFF MIN.
8	MOBILE VEHICLE LIFT
9	OVERHEAD COILING DOOR. SEE MANUF. REQ'S
10	OWNER PROVIDED WOOD PEW SEATING - N.I.C.
11	OWNER PROVIDED 36" DEEP OPEN SHELVING - N.I.C.
12	18" X 24" X 72" HEAVY DUTY LOCKER WITH DRAWER/BENCH (TYPE 1)
13	18" X 24" X 72" HEAVY DUTY THREE TIER LOCKERS (TYPE 2)
14	NEW PASS THRU LOCKERS - TYPE 3
15	RECESSED SIDE ARMS LOCKERS (ONE FOUR DOOR UNIT AT EACH DOOR)
16	PUBLIC WEAPONS STG LOCKERS - TABLE PHONE WALL LOCKERS WITH 12 DOORS (TYPE 5)
17	CANOPY ABOVE (DASHED)
18	OWNER PROVIDED DRYING CABINETS - N.I.C.
19	OWNER PROVIDED COPIER - N.I.C.
20	PROVIDE REQ. BLOCKING FOR LOCATIONS WHERE WALL MOUNTED TV MONITORS ARE LOCATED. REFER TO EQUIPMENT PLANS FOR LOCATIONS
21	PROVIDE REQ. BLOCKING FOR ALL MARKER BOARD LOCATIONS
22	KNOX BOX (RECESSED)
23	RECESSED CELL PHONE LOCKERS TO MATCH METAL WALL PANEL
24	METAL DETECTOR ENTRY SECURITY
25	MOP SINK - SEE PLUMBING
26	18" DEEP BOOKSHELVES
27	12" DEEP COUNTER ON L2X2X1/4" HEAVY DUTY WELDED ANGLE SUPPORT BRACKETS
28	24" DEEP COUNTER ON L2X2X1/4" HEAVY DUTY WELDED ANGLE SUPPORT BRACKETS
29	30" DEEP COUNTER ON L2X2X1/4" HEAVY DUTY WELDED ANGLE SUPPORT BRACKETS
30	18" DEEP COUNTER ON L2X2X1/4" HEAVY DUTY WELDED ANGLE SUPPORT BRACKETS
31	PROVIDE NEW HANDRAILS, GUARDRAILS AND EGRESS STAIR ILLUMINATION. PREP AND PAINT EXISTING STAIR & WALLS TO REMAIN
32	OPERABLE FOLDING PARTITION
33	NEW DROP BOX
34	HIGH LOW WATER COOLER
35	OWNER PROVIDED HIGH DENSITY MOBILE STORAGE SYSTEM AND OVERSIZED LABELS
36	6" DEEP SHELF
37	ABANDON EXISTING ELEVATOR
38	EXISTING FULL HEIGHT SPANDREL PANEL
39	TWO-WAY COMMIGATOR (BLACK FINISH). PROVIDE CUTSHEET AND VERIFY COLOR SELECTION WITH MFR PRIOR TO PURCHASE - BASIS OF DESIGN
40	AUTTUS BY C.R. LAURENCE
41	OWNER PROVIDED REFRIGERATOR, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
42	OWNER PROVIDED REFRIGERATOR UNDERCOUNTER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
43	OWNER PROVIDED BUUN COFFEE MAKER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
44	OWNER PROVIDED UNDERCOUNTER DISHWASHER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
45	OWNER PROVIDED COOKTOP AND HOOD, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
46	OWNER PROVIDED ICE MAKER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
47	NEW WATER HEATER - SEE PLUMBING
48	WALL MOUNTED MOP & BROOM HOLDER
49	APPLY TRANSLUCENT FILM TO INSIDE FACE OF GLAZING
50	IMPACT RESISTANT STEEL BOLLARD. GENERAL LOCATION SHOWN. COORDINATE LOCATION IN FIELD. REFER TO DETAIL 13A500A
51	NEW CONCRETE RAMP. SEE SITE DETAILS AS400 & STRUCTURAL DRAWINGS FOR INFO.
52	NEW SHOOTING RANGE. SEE SHOOTING RANGE PLANS A108 FOR INFO.
53	PROVIDE WHEEL STOPS AT ACCESSIBLE PARKING LOCATIONS
54	NEW FOLDING ARM. SEE ELECTRICAL PLAN FOR ADDITIONAL INFORMATION
55	NEW BADGE IN ACCESS READER. SEE SHEET AS120 AND ELECTRICAL FOR ADDITIONAL INFORMATION
56	RESTRIPE PARKING TO ACCOMMODATE FOR ACCESSIBLE PARKING SPACES SHOWN. REFER TO CIVIL FOR ADA SIGNAGE AND PARKING SYMBOLS
57	NEW TRENCH DRAIN - SEE PLUMBING
58	NEW HOSE BIB - SEE PLUMBING
59	EYE WASH - SEE PLUMBING
60	1" FLUSH FLOOR TO FLOOR 2 HR EXPANSION JOINT (TYPE 1) TO MATCH ADJACENT TILE - SEE STRUC AND DETAILS ON A111.2
61	1" FLUSH FLOOR TO FLOOR 2 HR EXPANSION JOINT (TYPE 2) TO MATCH ADJACENT CARPET - SEE STRUC AND DETAILS ON A111.2
62	1" FLUSH FLOOR TO WALL 2 HR EXPANSION JOINT (TYPE 3) TO MATCH ADJACENT CARPET - SEE STRUC AND DETAILS ON A111.2
63	1" FLUSH FLOOR TO WALL 2 HR EXPANSION JOINT (TYPE 4) TO MATCH ADJACENT TILE - SEE STRUC AND DETAILS ON A111.2
64	1" FLUSH WALL/CEILING TO WALL/CILING EXPANSION JOINT (TYPE 5) TO MATCH ADJACENT PAINT COLOR - SEE STRUC AND DETAILS ON A111.2
65	1" EXPANSION JOINT (TYPE 6) TO MATCH ADJACENT BRICK - SEE STRUC AND DETAILS
66	ADA PUSH BUTTON
67	FLOOR BOX - VERIFY FINAL LOCATION PRIOR TO INSTALLATION W/ ARCHITECT, COORDINATE W/ SYSTEMS FURNITURE - SEE ELECTRICAL
68	OWNER PROVIDED VENDING MACHINE, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
69	CEILING MOUNTED TV, PROVIDE NECESSARY MOUNTING HARDWARE - SEE ELECTRICAL AND TELECOMMUNICATIONS
70	OWNER PROVIDED MICROWAVE, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
71	24" DEEP STAINLESS PASS THROUGH COUNTER INSTALLED 34" A.F.F. SEE ENLARGED PLANS FOR INFO.

1 ENLARGED PLAN - CA LL2 - TELESERVE AND CORRIDOR
1/4" = 1'-0"

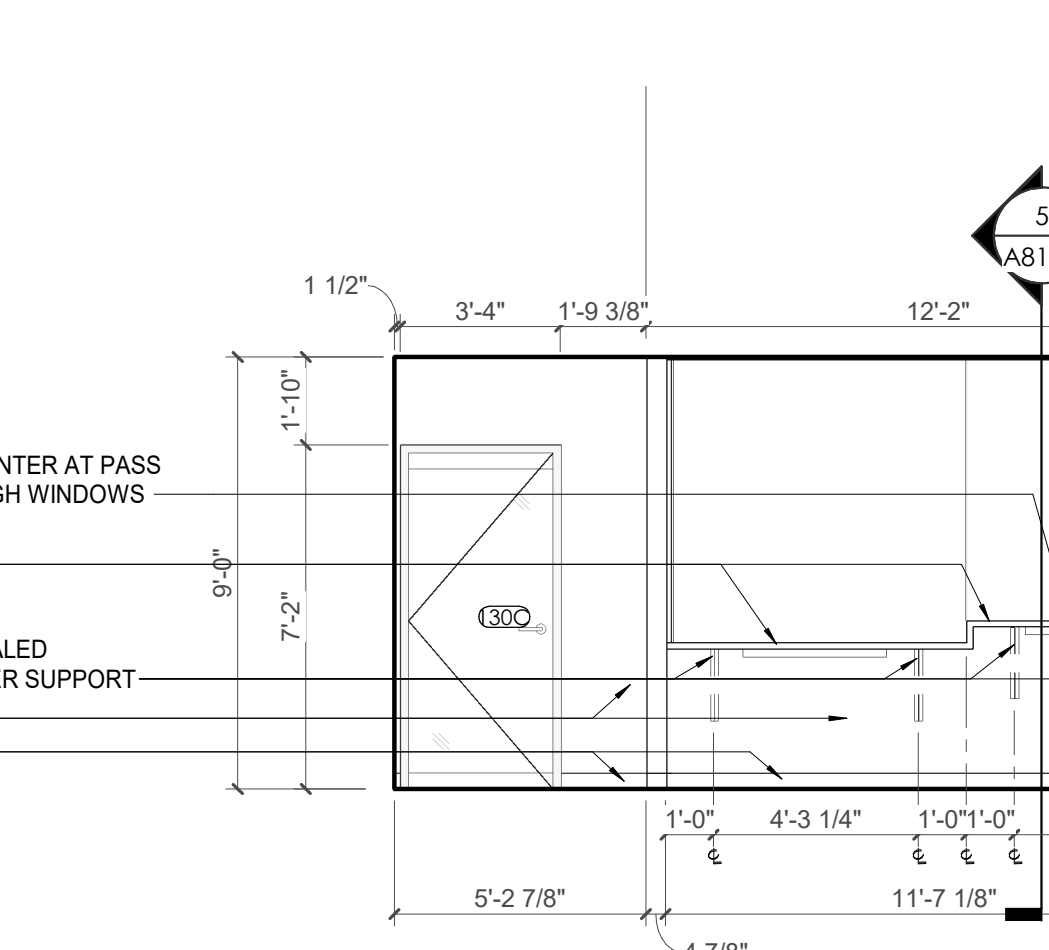


2 CA - LL2 - TELESERVE E. ELEVATION
1/4" = 1'-0"

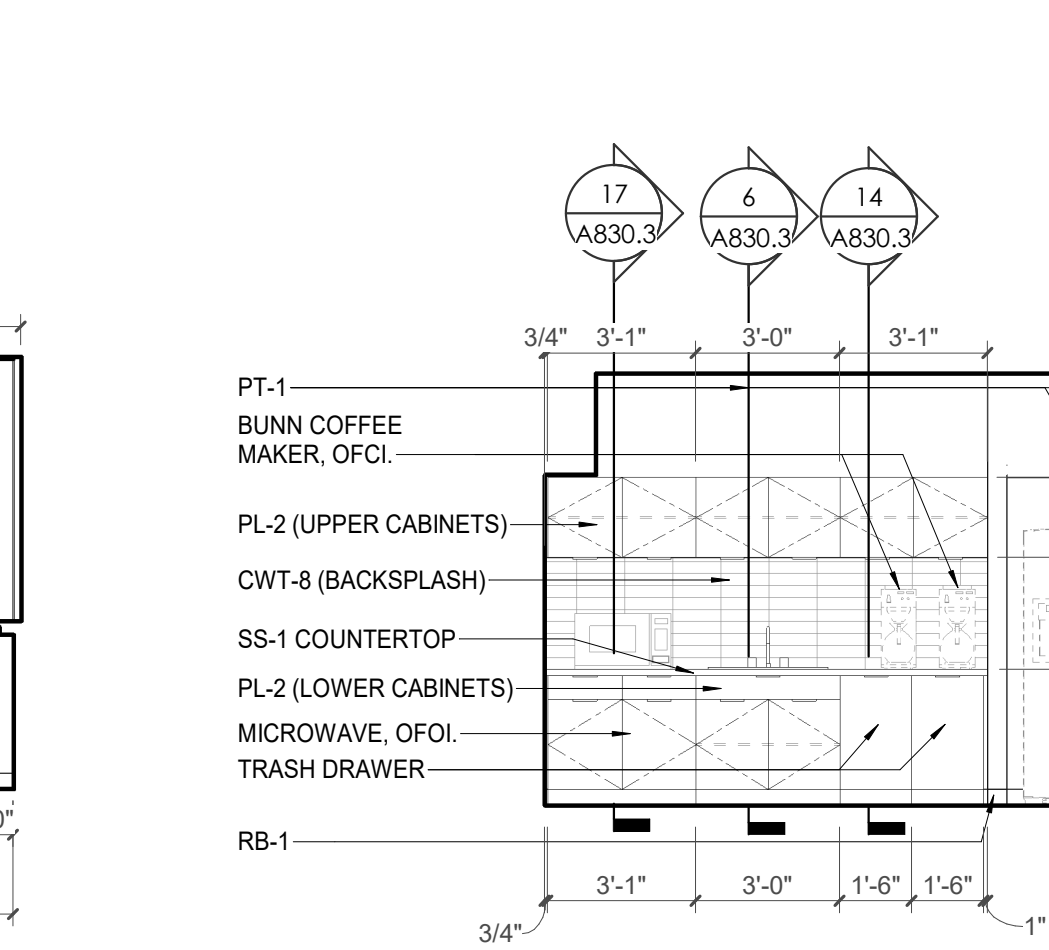


4 CA - LL2 - TELESERVE W. ELEVATION
1/4" = 1'-0"

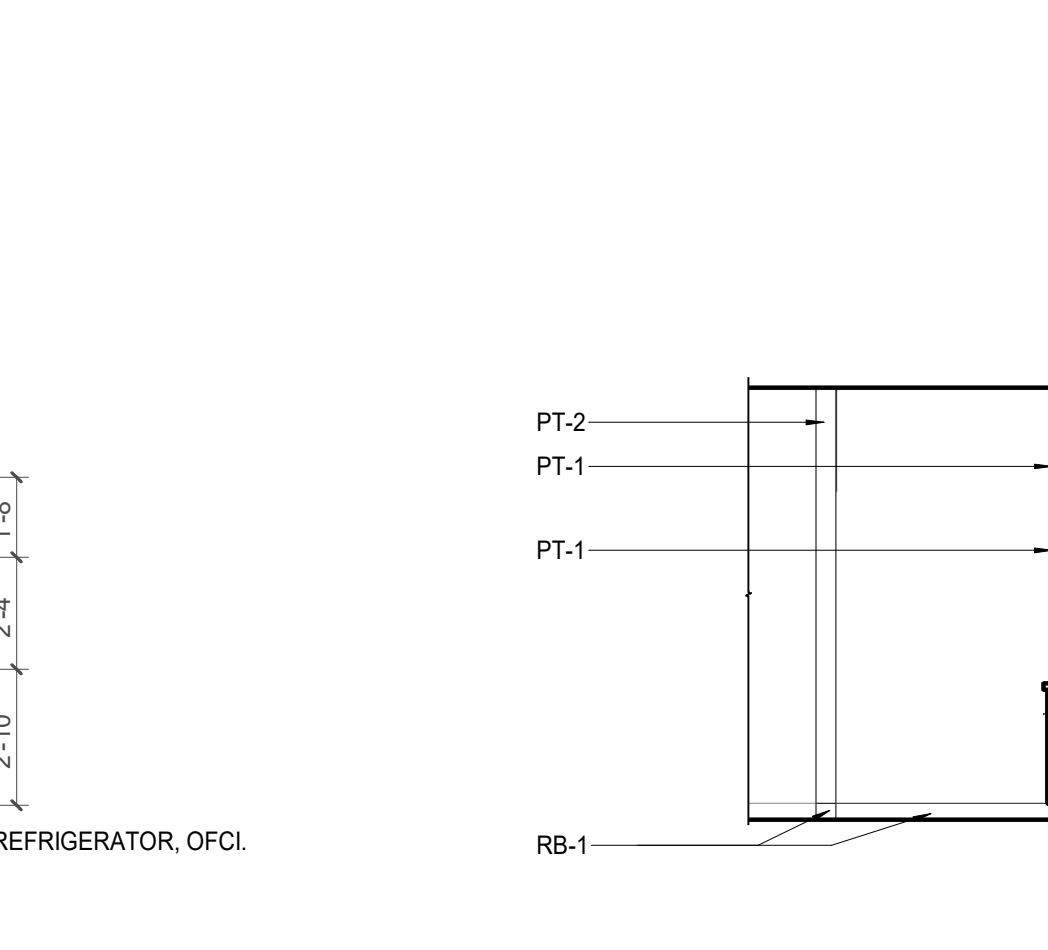
3 CA - LL2 - TELESERVE N. ELEVATION
1/4" = 1'-0"



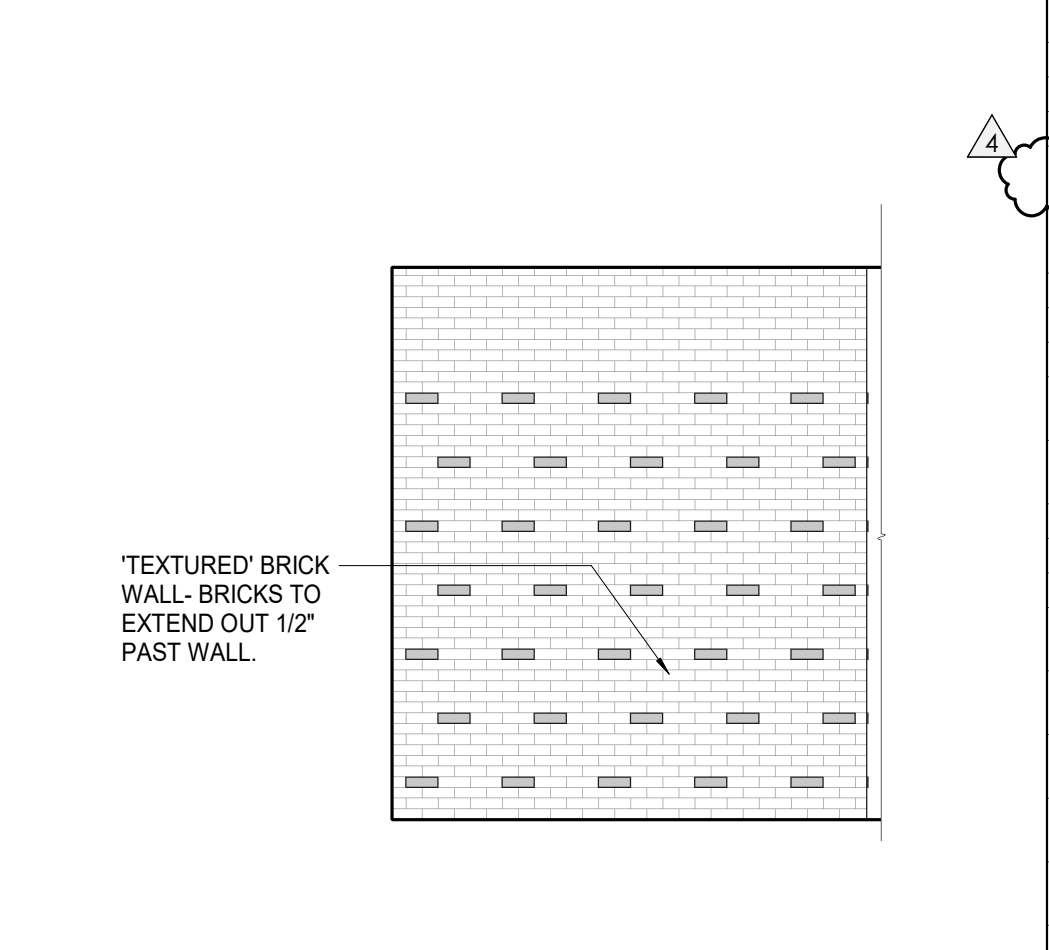
5 CA - LL2 - TELESERVE S. ELEVATION
1/4" = 1'-0"



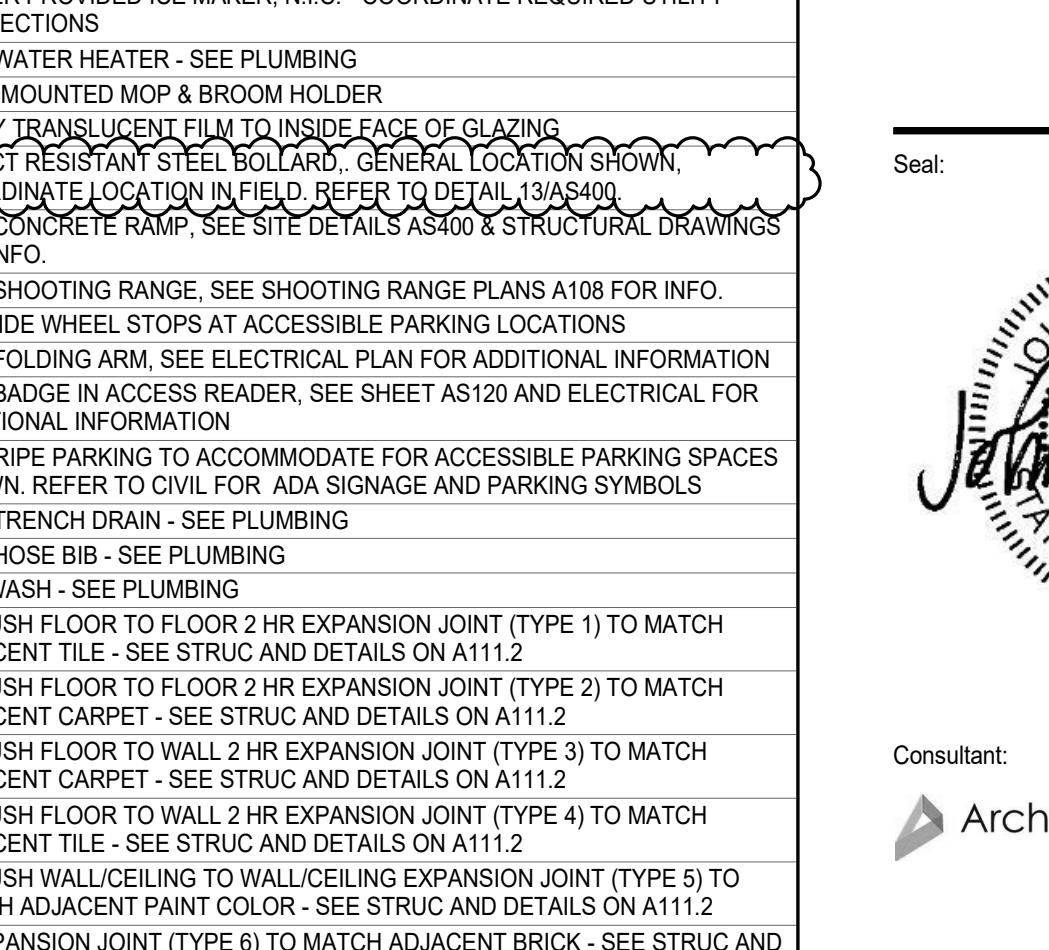
6 CA - LL2 - BREAK ROOM 130.2 S. ELEVATION
1/4" = 1'-0"



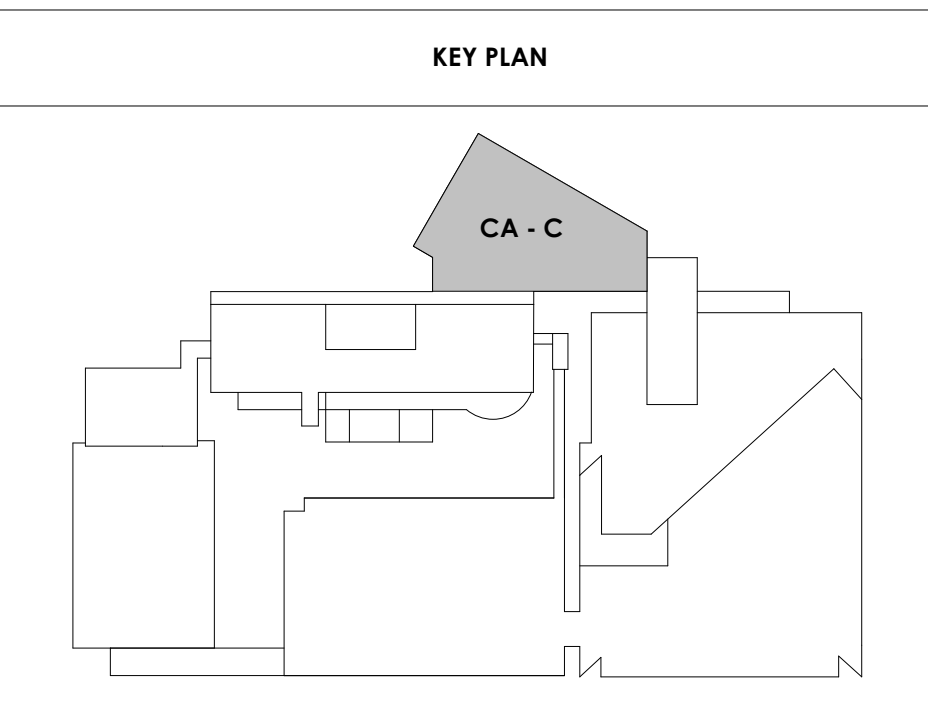
7 CA - LL2 - BREAK ROOM 130.2 E. ELEVATION
1/4" = 1'-0"



8 CA - LL2 - INTERIOR LOBBY ELEVATION
1/4" = 1'-0"



9 CA - LL2 - CORRIDOR S. ELEVATION
1/4" = 1'-0"





Project Information:

19018

COK PUBLIC SAFETY COMPLEX

900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:
Architects Design Group

Issue Date: FEBRUARY 01, 2021
PIC: DAVID COLLINS
PM: JOHN THURMAN
PA: LAUREN BUSH /
Drawn By: Author
Checked By: BP

Drawing Info:

A815.1

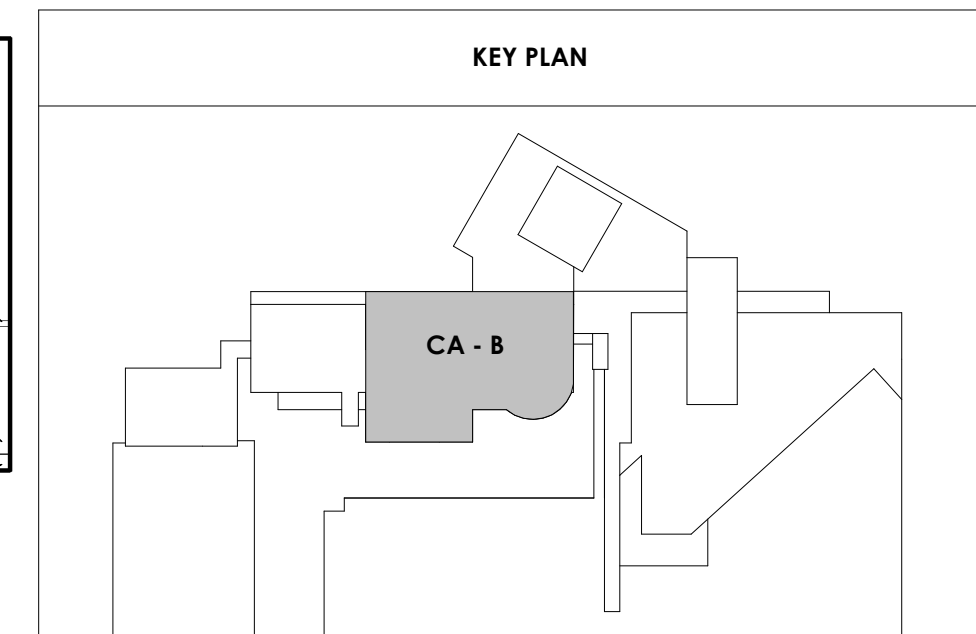
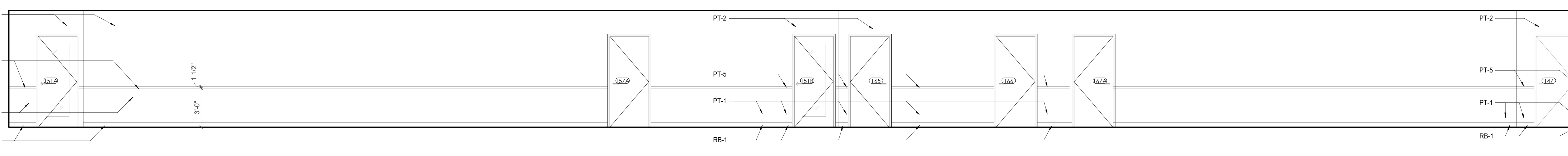
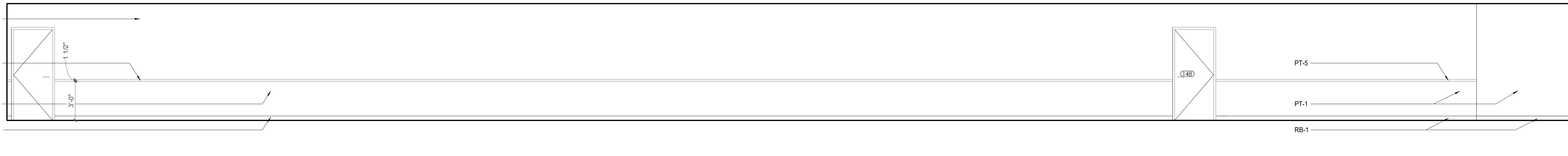
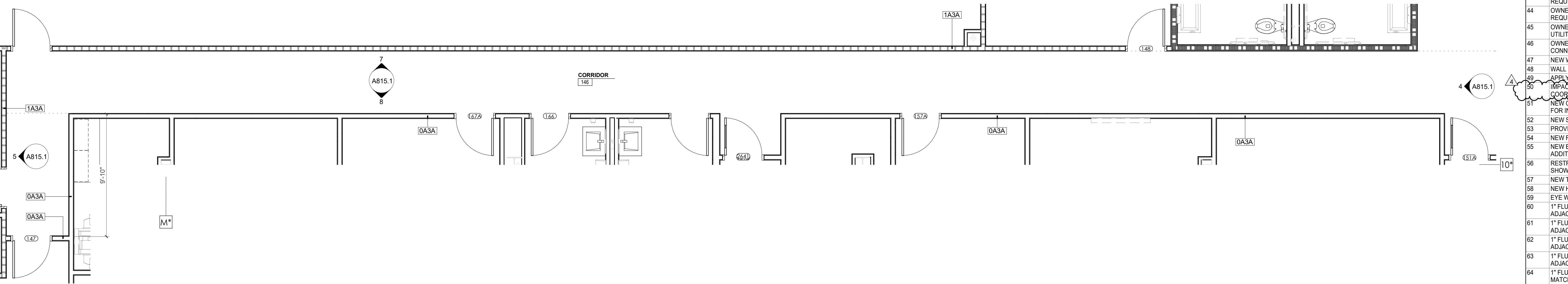
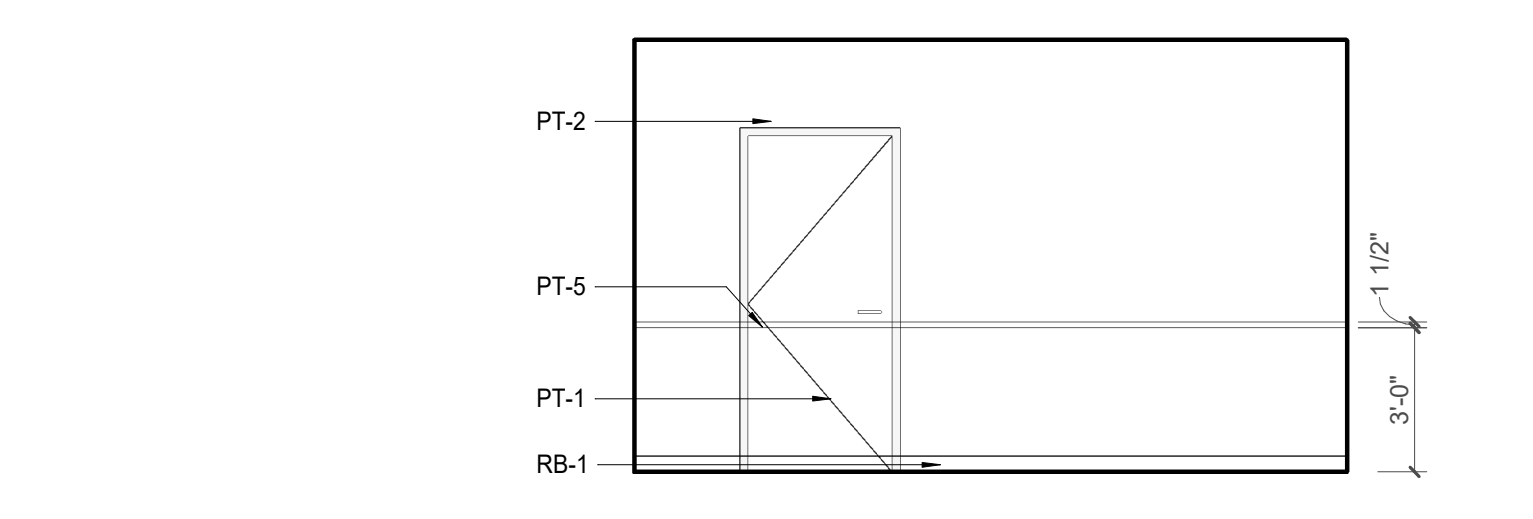
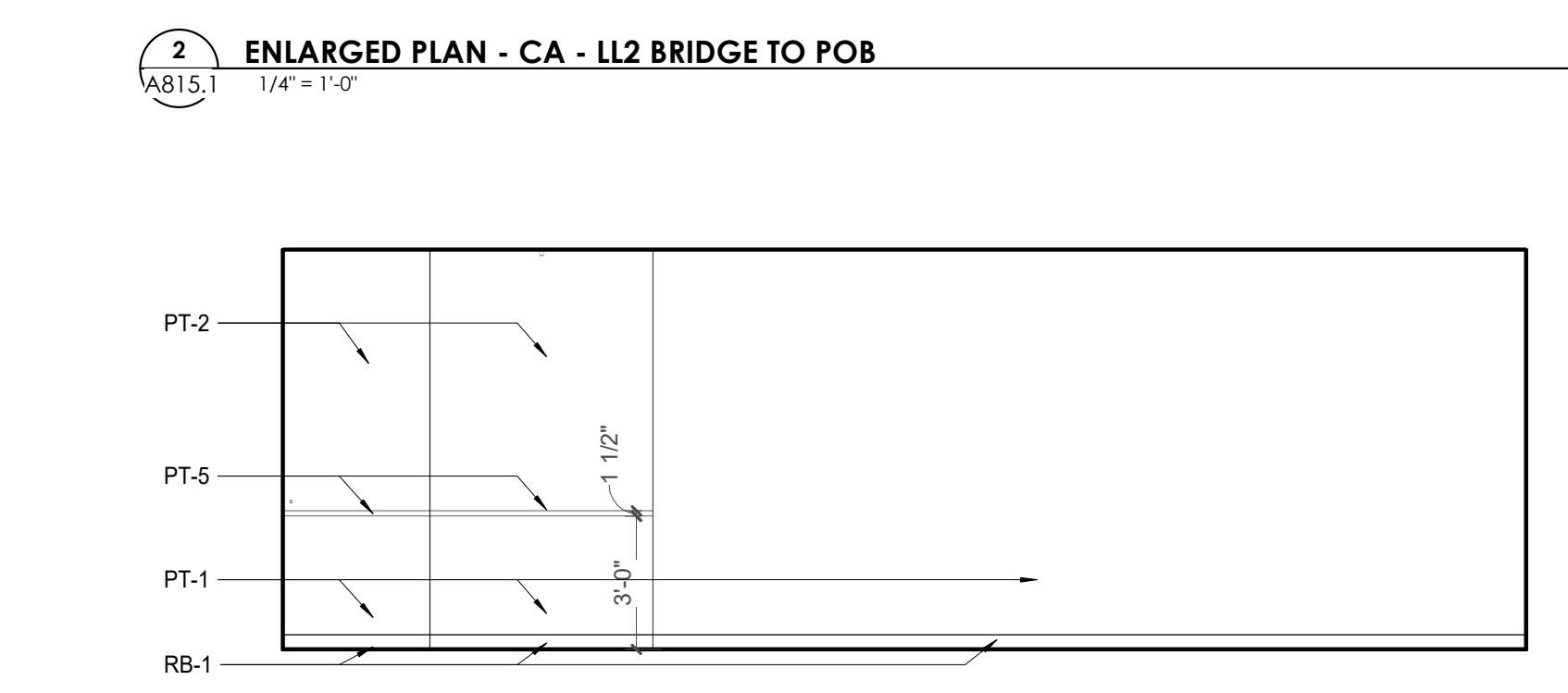
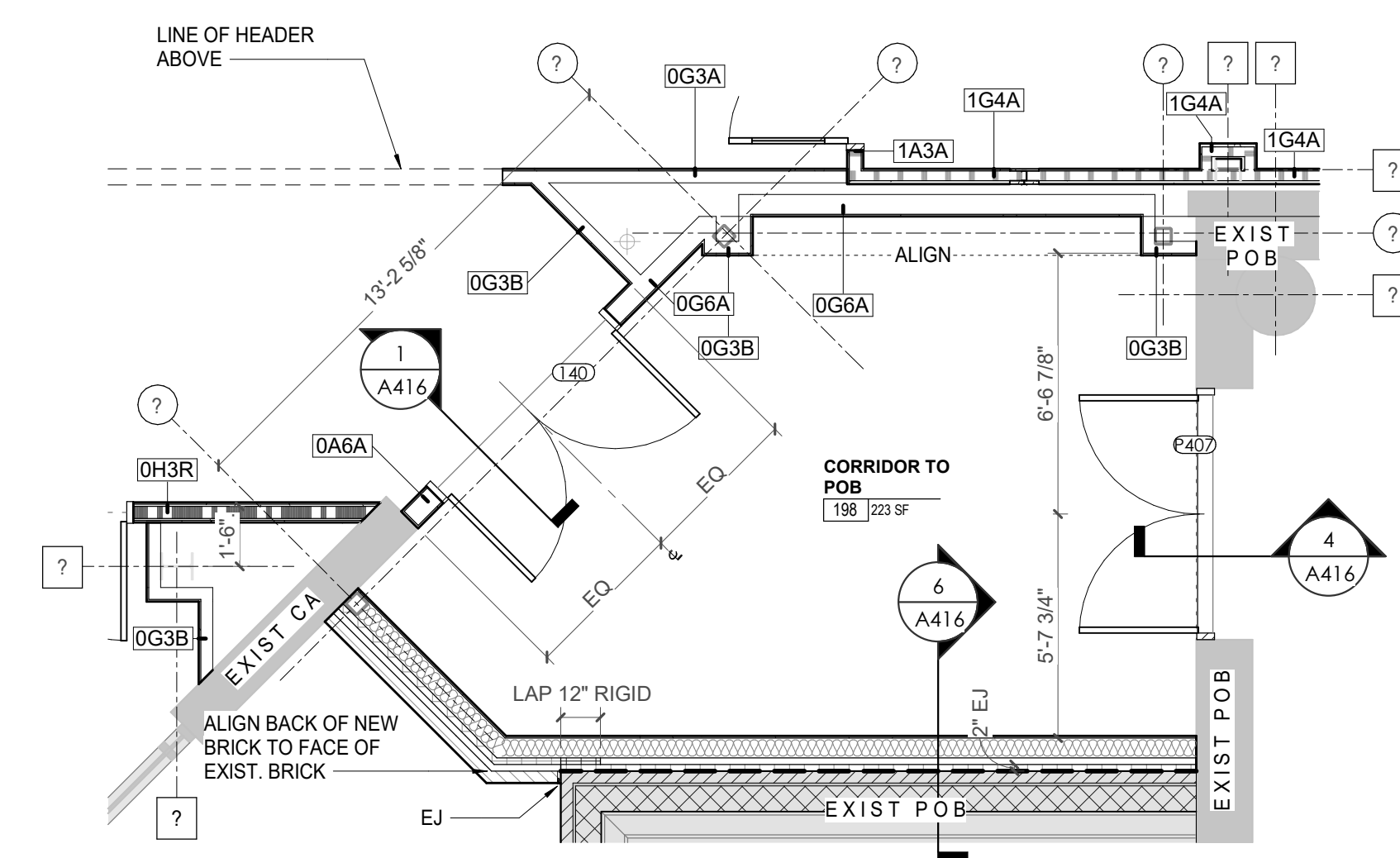
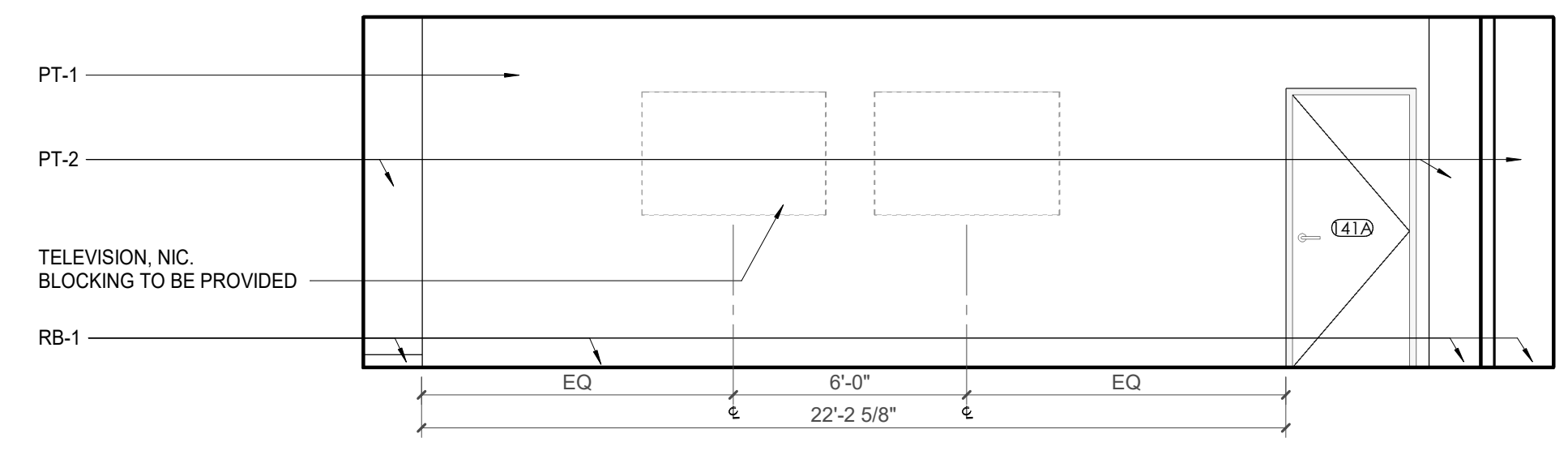
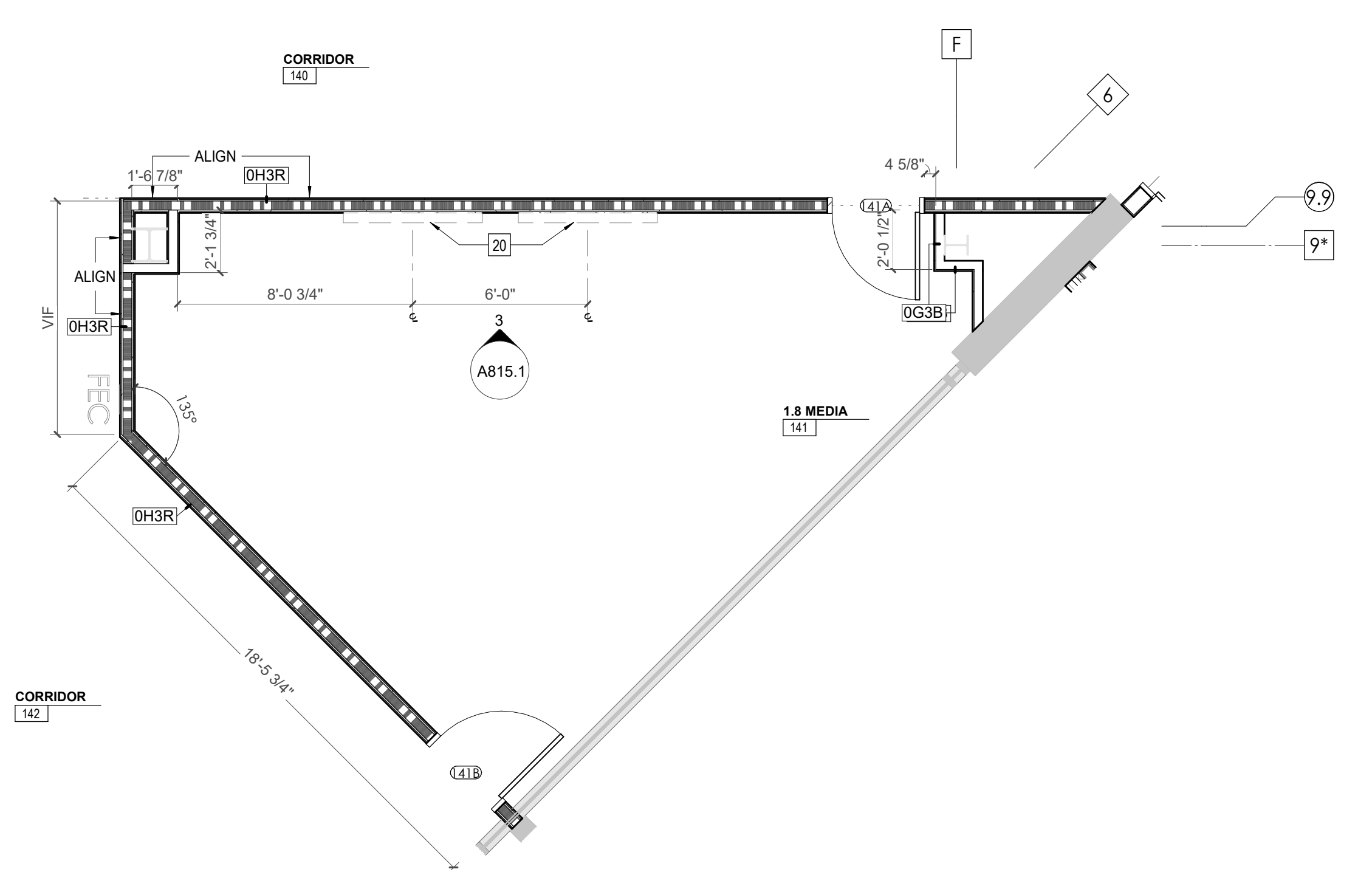
CA - ENLARGED PLANS AND ELEVATIONS LL2 - POLICE

WALL LEGEND

	2 HR PARTITION (ASSEMBLY VARIES)
	1 HR PARTITION (ASSEMBLY VARIES)
	BALLISTIC LEVEL 3 PARTITION (ASSEMBLY VARIES)
	NEW PARTITION (ASSEMBLY VARIES)
	EXISTING PARTITION
	EXISTING PARTITION TO BE DEMOLISHED

KEYNOTES - FLOOR PLANS

TAG	TEXT
1	SOFFIT ABOVE (DASHED)
2	EXISTING EGRESS STAIR TO REMAIN - PREP & PAINT EXISTING HANDRAILS, STAIR, & WALLS TO REMAIN
3	EXISTING ELEVATOR TO BE MODIFIED/REPLACED AS REQUIRED TO REACH ALL FOUR (4) FLOORS. SEE ELEVATOR PLANS & DETAILS SHEET FOR INFO.
4	EXISTING ELEVATOR - REFURBISH EQUIPMENT & CONTROLS, NEW FINISHES TO INTERIOR OF CAR AS REQ'D. SEE ELEVATOR PLANS & DETAILS SHEET FOR INFO.
5	NEW FLOOR DRAIN - REFER TO PLUMBING
6	SHADED AREA DENOTES NEW CONCRETE FLOOR SLAB - REFER TO STRUC.
7	BALLISTIC LEVEL 3 RATING AND GLAZING - CONT. TO 8'-0" AFF MIN.
8	MOBILE VEHICLE LIFT
9	OVERHEAD COILING DOOR. SEE MANUF. REQ'S
10	OWNER PROVIDED WOOD PEW SEATING - N.I.C.
11	OWNER PROVIDED 36" DEEP OPEN SHELVING - N.I.C.
12	18" X 24" X 72" HEAVY DUTY LOCKER WITH DRAWER/BENCH (TYPE 1)
13	18" X 24" X 72" HEAVY DUTY THREE-TIER LOCKERS (TYPE 2)
14	NEW PASS THRU LOCKERS - TYPE 3
15	RECESSED SIDE ARMS LOCKERS (ONE FOUR DOOR UNIT AT EACH DOOR)
16	PUBLIC WEAPONS STG LOCKERS - TABLE PHONE WALL LOCKERS WITH 12 DOORS (TYPE 5)
17	CANOPY ABOVE (DASHED)
18	OWNER PROVIDED DRYING CABINETS - N.I.C.
19	OWNER PROVIDED COPIER - N.I.C.
20	PROVIDE REQ. BLOCKING FOR LOCATIONS WHERE WALL MOUNTED TV MONITORS ARE LOCATED. REFER TO EQUIPMENT PLANS FOR LOCATIONS
21	PROVIDE REQ. BLOCKING FOR ALL MARKER BOARD LOCATIONS
22	KNOX BOX (RECESSED)
23	RECESSED CELL PHONE LOCKERS TO MATCH METAL WALL PANEL
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25	MOP SINK - SEE PLUMBING
26	18" DEEP BOOKSHELVES
27	12" DEEP COUNTER ON L2X2X1/4" HEAVY DUTY WELDED ANGLE SUPPORT BRACKETS
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31	PROVIDE NEW HANDRAILS, GUARDRAILS AND EGRESS STAIR ILLUMINATION. PREP AND PAINT EXISTING STAIR & WALLS TO REMAIN
32	OPERABLE FOLDING PARTITION
33	NEW DROP BOX
34	HIGH LOW WATER COOLER
35	OWNER PROVIDED HIGH DENSITY MOBILE STORAGE SYSTEM AND OVERHEAD RAILS
36	6" DEEP SHELF
37	ABANDON EXISTING ELEVATOR
38	EXISTING FULL HEIGHT SPANDREL PANEL
39	TWO-WAY COMMUNICATOR (BLACK FINISH). PROVIDE CUTSHEET AND VERIFY COLOR SELECTION WITH MFR PRIOR TO PURCHASE - BASIS OF DESIGN AITTUS BY C.R. LAURENCE
40	OWNER PROVIDED REFRIGERATOR, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
41	OWNER PROVIDED REFRIGERATOR UNDERCOUNTER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
42	OWNER PROVIDED BUNN COFFEE MAKER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
43	OWNER PROVIDED MICROWAVE UNDERCOUNTER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
44	OWNER PROVIDED UNDERCOUNTER DISHWASHER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
45	OWNER PROVIDED COOKTOP AND HOOD, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
46	OWNER PROVIDED ICE MAKER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
47	NEW WATER HEATER - SEE PLUMBING
48	WALL MOUNTED MOP & BROOM HOLDER
49	APPLY TRANSLUCENT FILM TO INSIDE FACE OF GLAZING
50	IMPACT RESISTANT STEEL BOLLARD. GENERAL LOCATION SHOWN. COORDINATE LOCATION IN FIELD. REFER TO DETAIL 13AS400
51	NEW CONCRETE RAMP. SEE SITE DETAILS AS400 & STRUCTURAL DRAWINGS FOR INFO.
52	NEW SHOOTING RANGE. SEE SHOOTING RANGE PLANS A108 FOR INFO.
53	PROVIDE WHEEL STOPS AT ACCESSIBLE PARKING LOCATIONS
54	NEW FOLDING ARM. SEE ELECTRICAL PLAN FOR ADDITIONAL INFORMATION
55	NEW BADGE IN ACCESS READER. SEE SHEET AS120 AND ELECTRICAL FOR ADDITIONAL INFORMATION
56	RESTRIPE PARKING TO ACCOMMODATE FOR ACCESSIBLE PARKING SPACES SHOWN. REFER TO CIVIL FOR ADA SIGNAGE AND PARKING SYMBOLS
57	NEW TRENCH DRAIN - SEE PLUMBING
58	NEW HOSE BIB - SEE PLUMBING
59	EYE WASH - SEE PLUMBING
60	1" FLUSH FLOOR TO FLOOR 2 HR EXPANSION JOINT (TYPE 1) TO MATCH ADJACENT TILE - SEE STRUC AND DETAILS ON A111.2
61	1" FLUSH FLOOR TO FLOOR 2 HR EXPANSION JOINT (TYPE 2) TO MATCH ADJACENT CARPET - SEE STRUC AND DETAILS ON A111.2
62	1" FLUSH FLOOR TO WALL 2 HR EXPANSION JOINT (TYPE 3) TO MATCH ADJACENT CARPET - SEE STRUC AND DETAILS ON A111.2
63	1" FLUSH FLOOR TO WALL 2 HR EXPANSION JOINT (TYPE 4) TO MATCH ADJACENT TILE - SEE STRUC AND DETAILS ON A111.2
64	1" FLUSH WALL/CEILING TO WALL/CEILING EXPANSION JOINT (TYPE 5) TO MATCH ADJACENT PAINT COLOR - SEE STRUC AND DETAILS ON A111.2
65	1" EXPANSION JOINT (TYPE 6) TO MATCH ADJACENT BRICK - SEE STRUC AND DETAILS
66	ADA PUSH BUTTON
67	FLOOR BOX - VERIFY FINAL LOCATION PRIOR TO INSTALLATION W/ ARCHITECT. COORDINATE W/ SYSTEMS FURNITURE - SEE ELECTRICAL
68	OWNER PROVIDED VENDING MACHINE, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
69	CEILING MOUNTED TV. PROVIDE NECESSARY MOUNTING HARDWARE - SEE ELECTRICAL AND TELECOMMUNICATIONS
70	OWNER PROVIDED MICROWAVE, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
71	24" DEEP STAINLESS PASS THROUGH COUNTER INSTALLED 34" A.F.F. SEE ENLARGED PLANS FOR INFO.





Project Information:

19018

COK PUBLIC SAFETY COMPLEX
900 East Oak Hill Ave, Knoxville, TN

Scale:



Consultant: Architects Design Group

Table with columns: #, ISSUE, DATE. Rows: 1 ADD #2.1 02/17/21, 2 ADD #4.1 03/03/21.

Issue Date: FEBRUARY 01, 2021

PKC: DAVID COLLINS

PM: JOHN THURMAN

PA: LAUREN BUSH /

Drawn By: Author

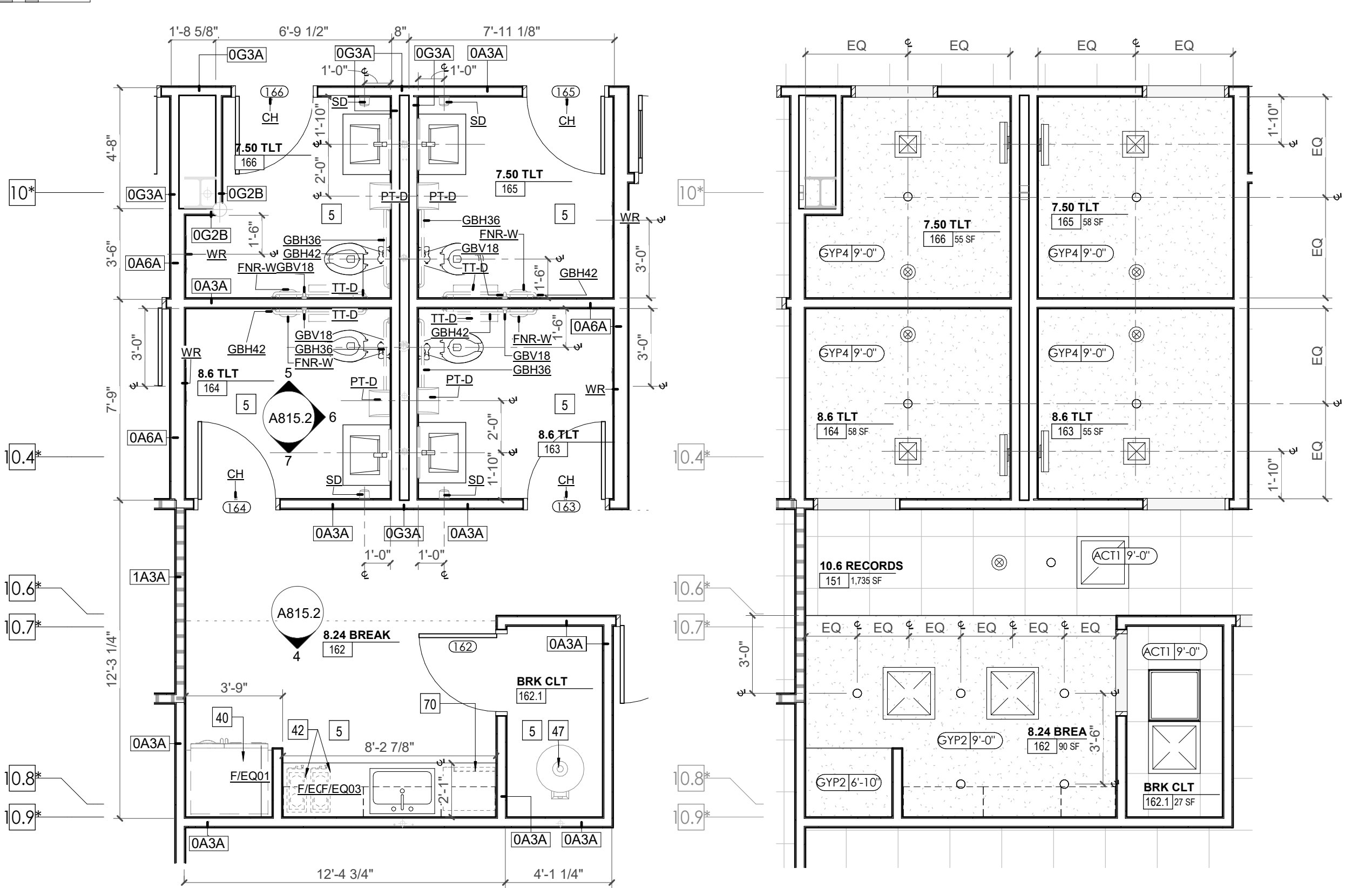
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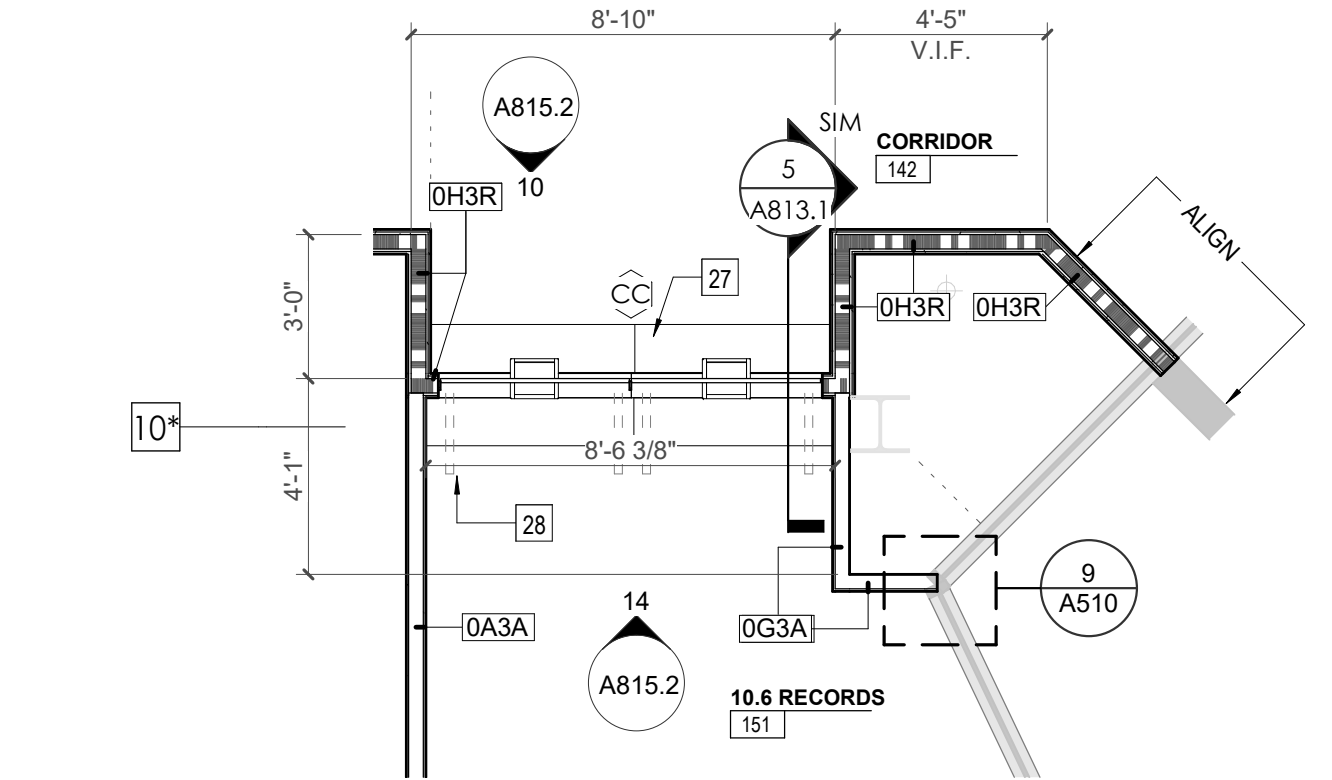
CA - ENLARGED PLANS AND ELEVATIONS LL2 - POLICE

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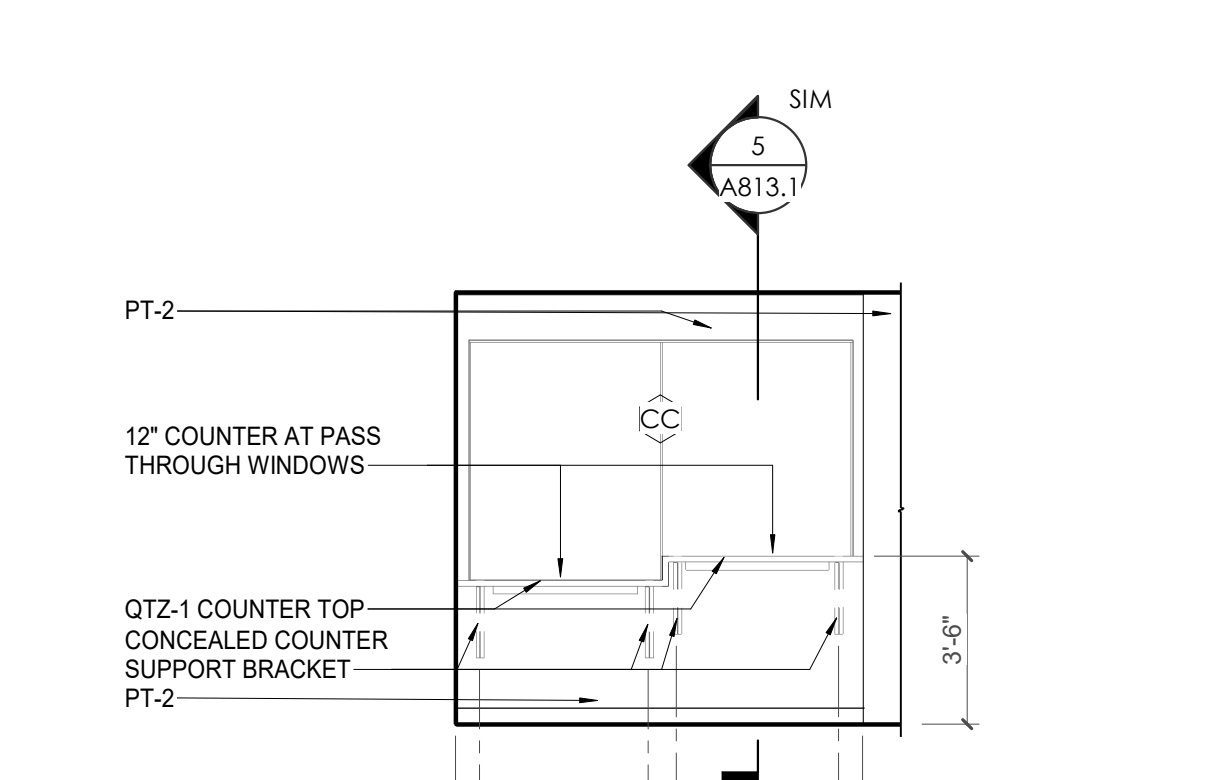


1 ENLARGED PLAN - CA LL2 - RECORDS, BREAK ROOM & TOILETS

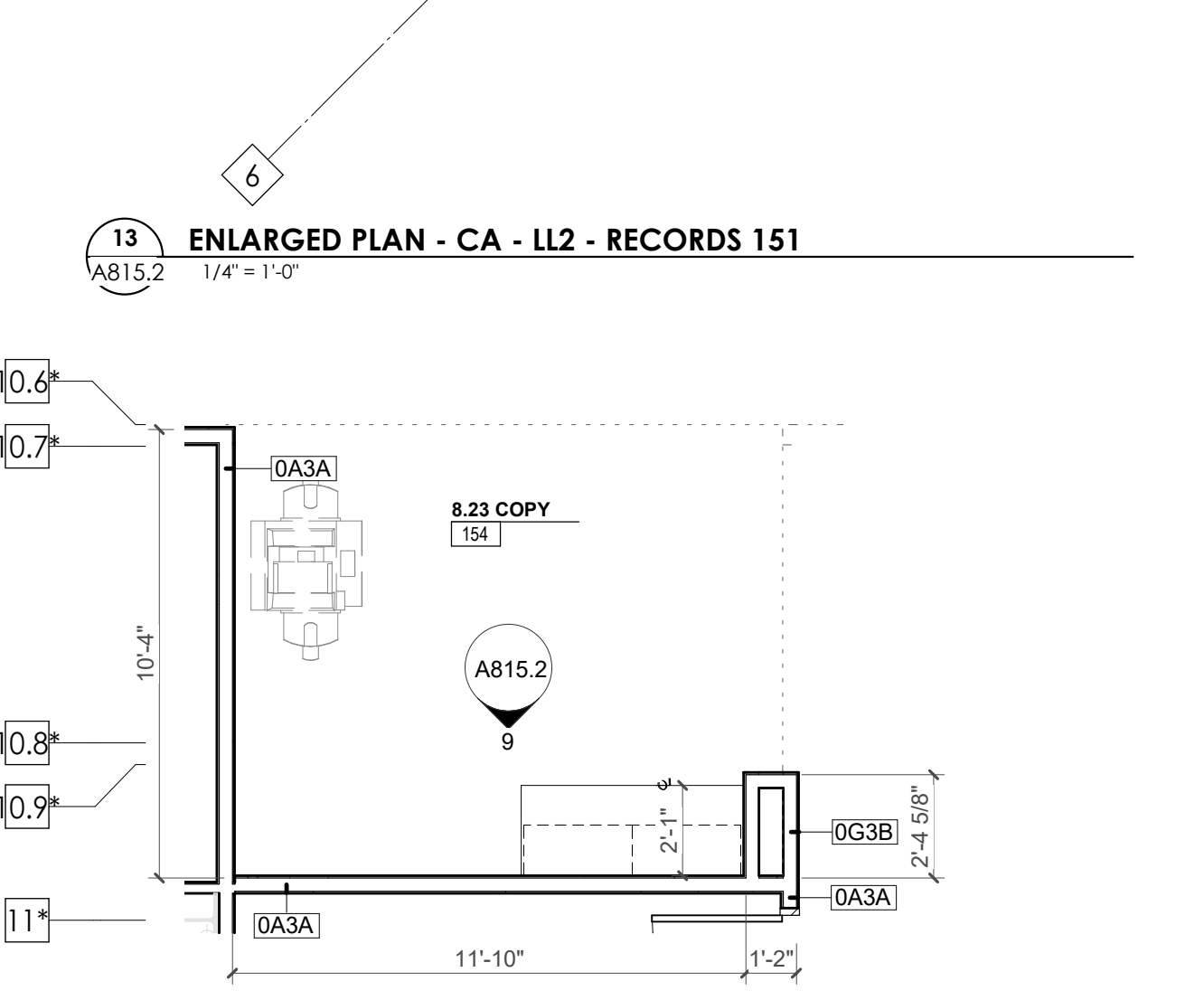
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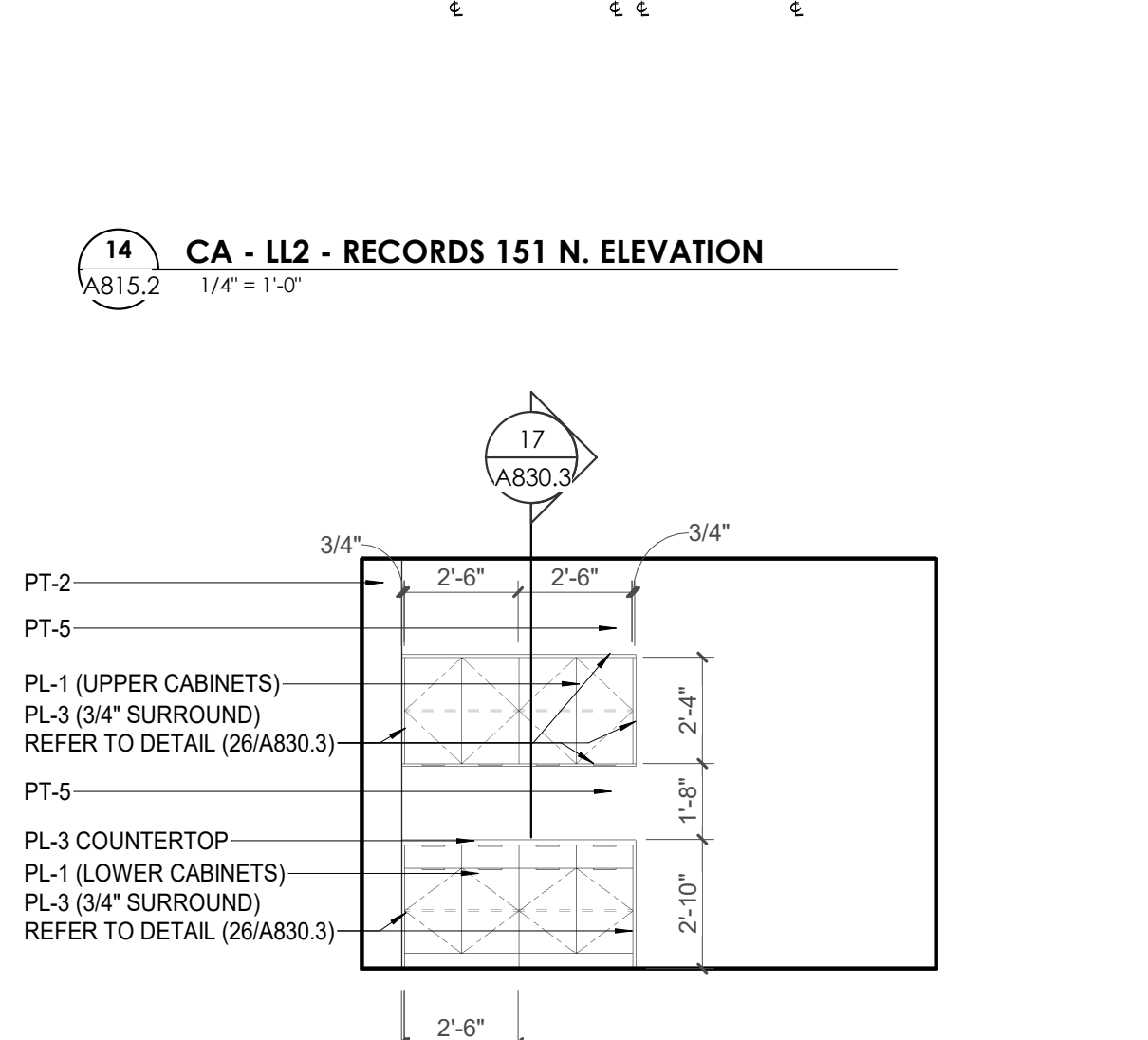
13 ENLARGED PLAN - CA - LL2 - RECORDS 151



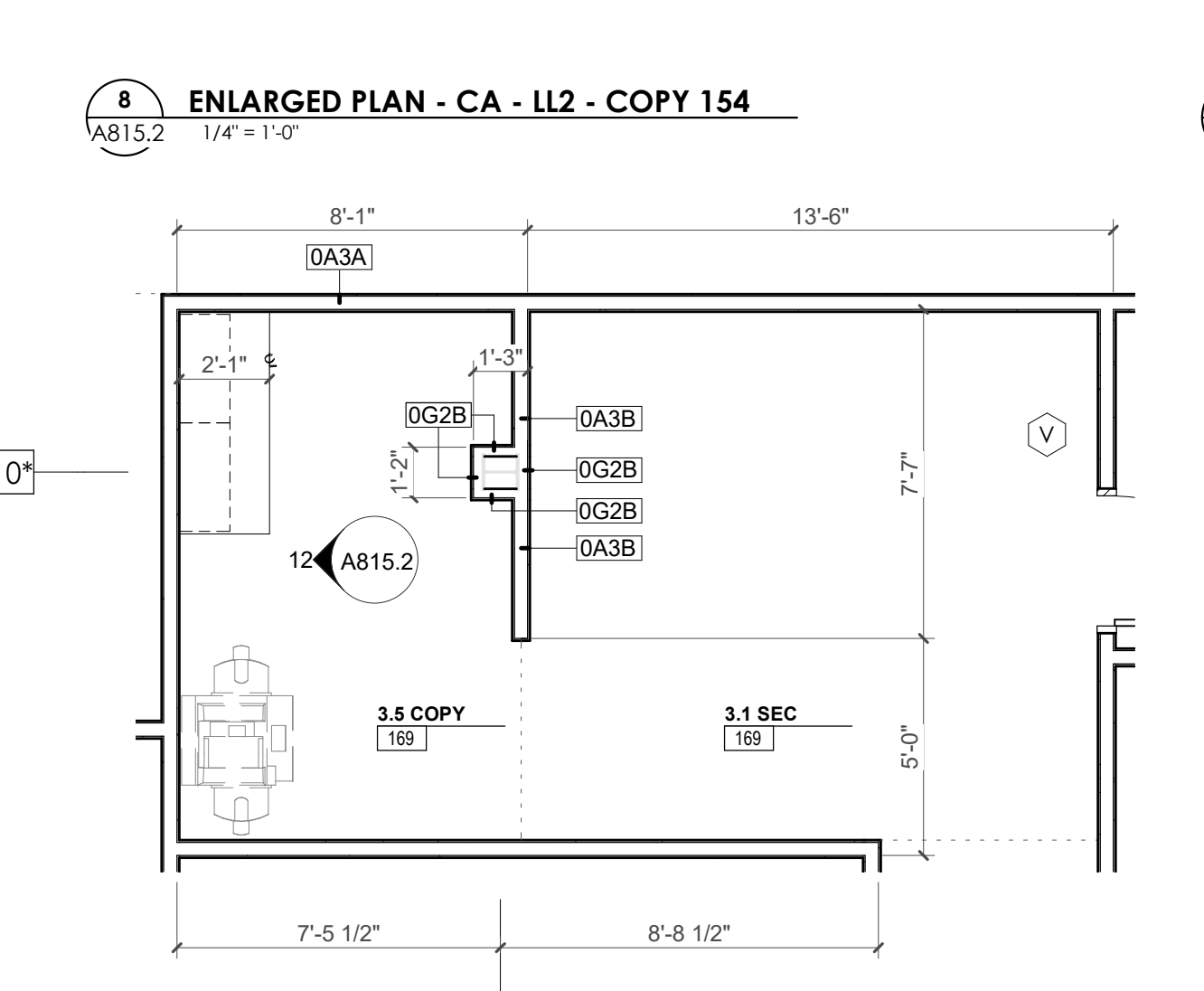
14 CA - LL2 - RECORDS 151 N. ELEVATION



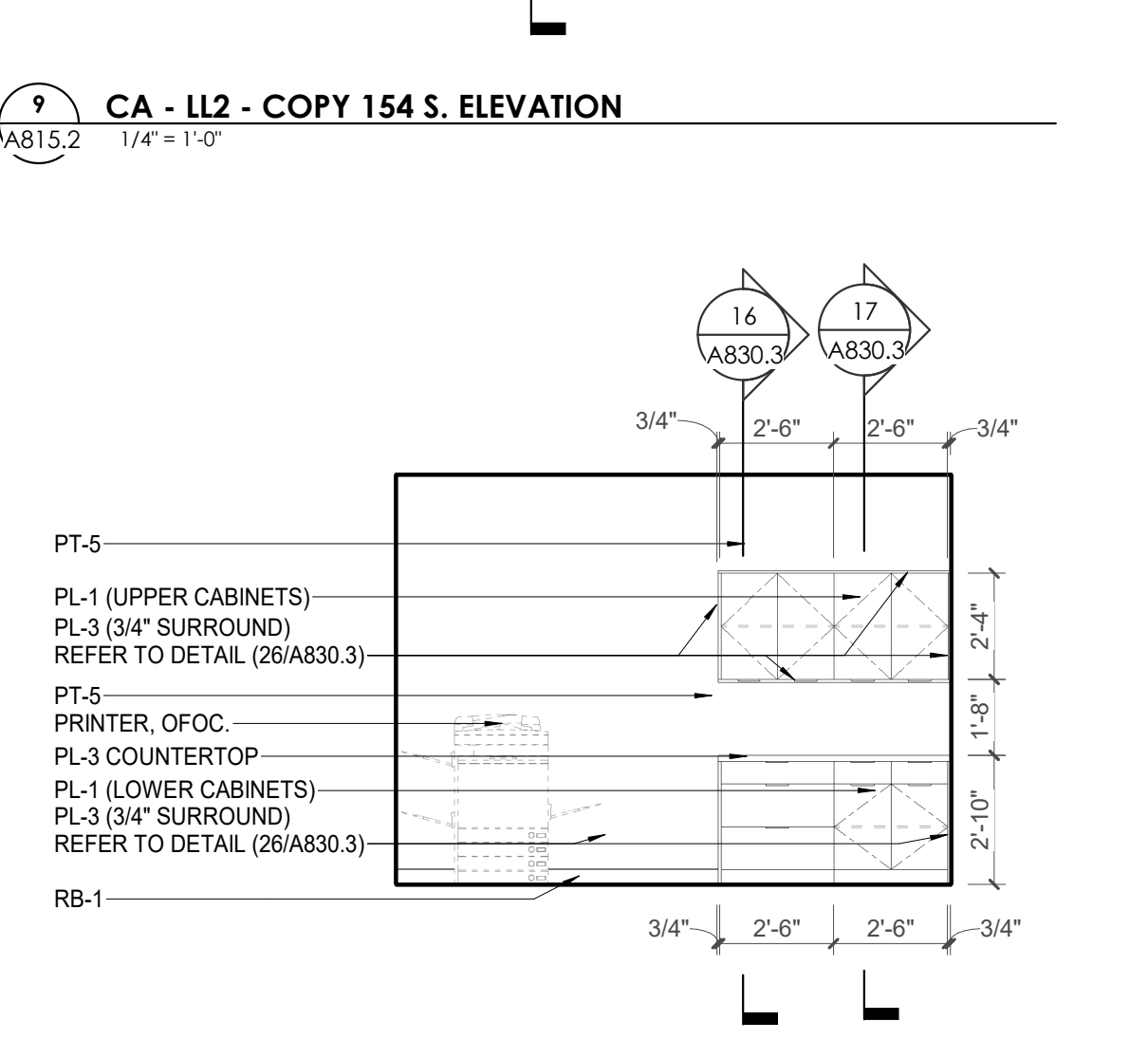
8 ENLARGED PLAN - CA - LL2 - COPY 154



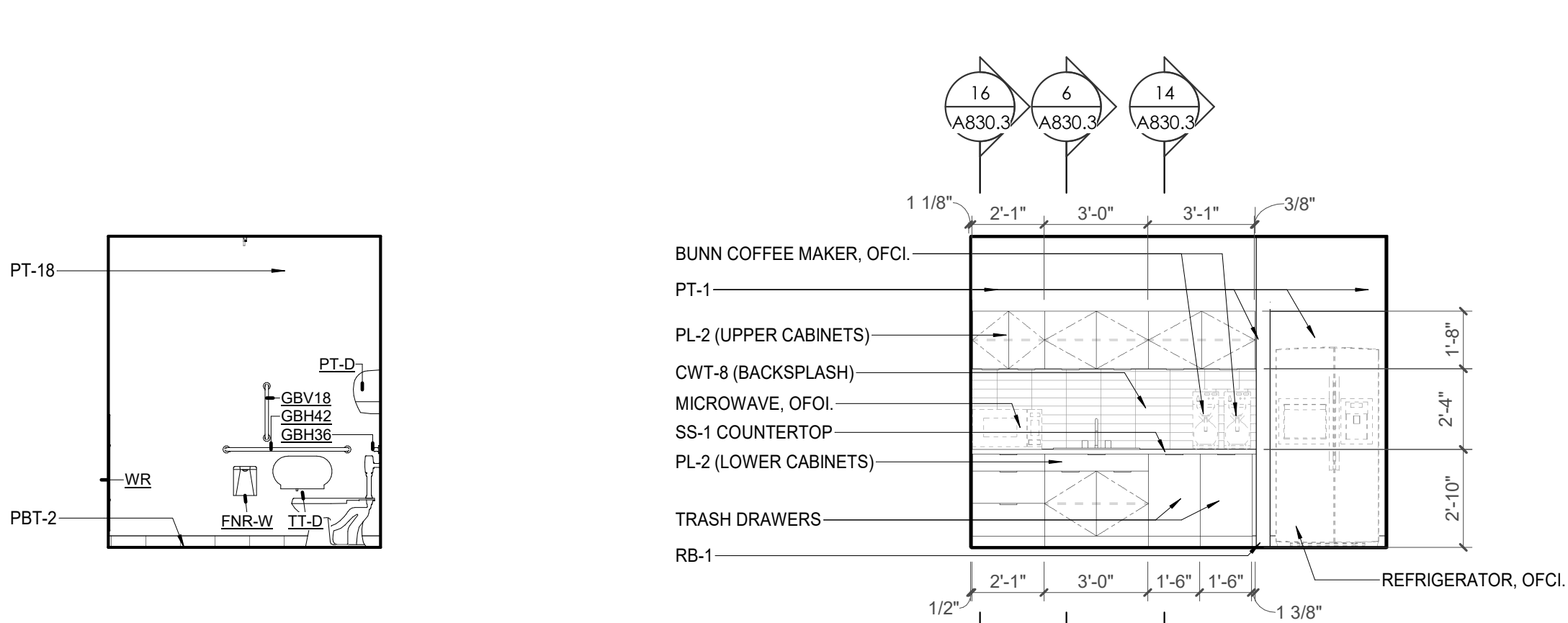
9 CA - LL2 - COPY 154 S. ELEVATION



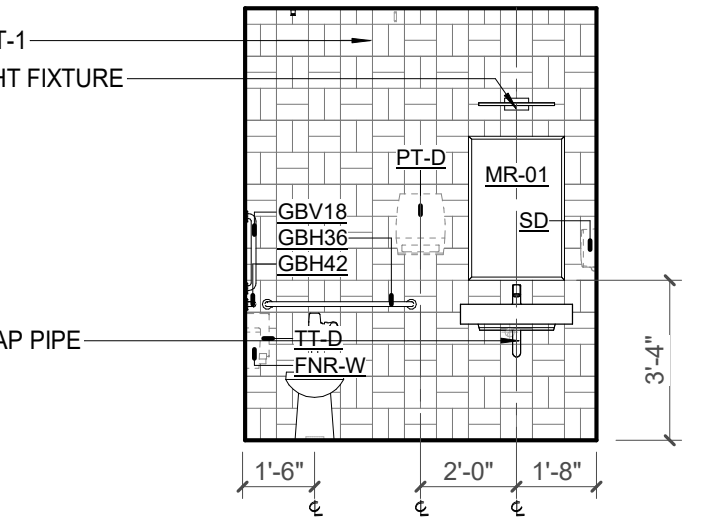
11 ENLARGED PLAN - CA LL2 - COPY 169 & SEC 169



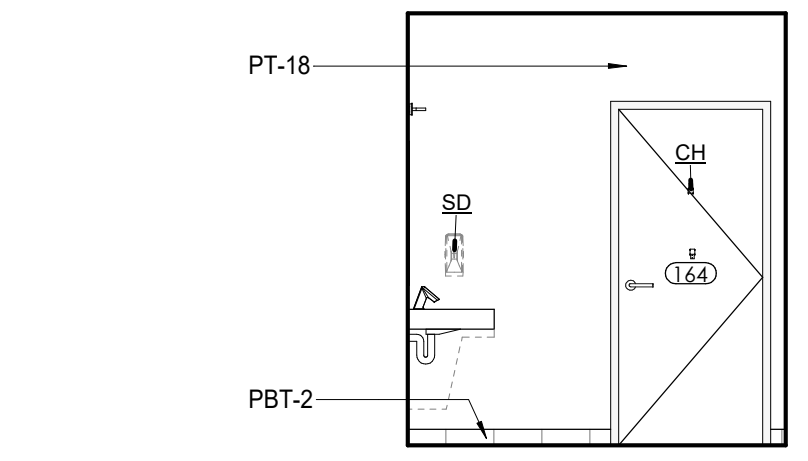
12 CA - LL2 - SEC/COPY 169 W. ELEVATION



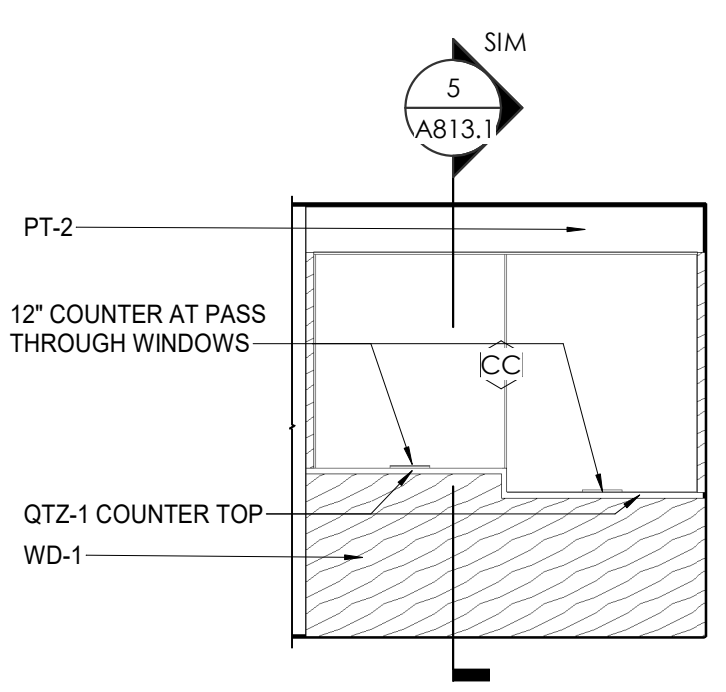
4 CA - LL2 - BREAK ROOM 162 S. ELEVATION



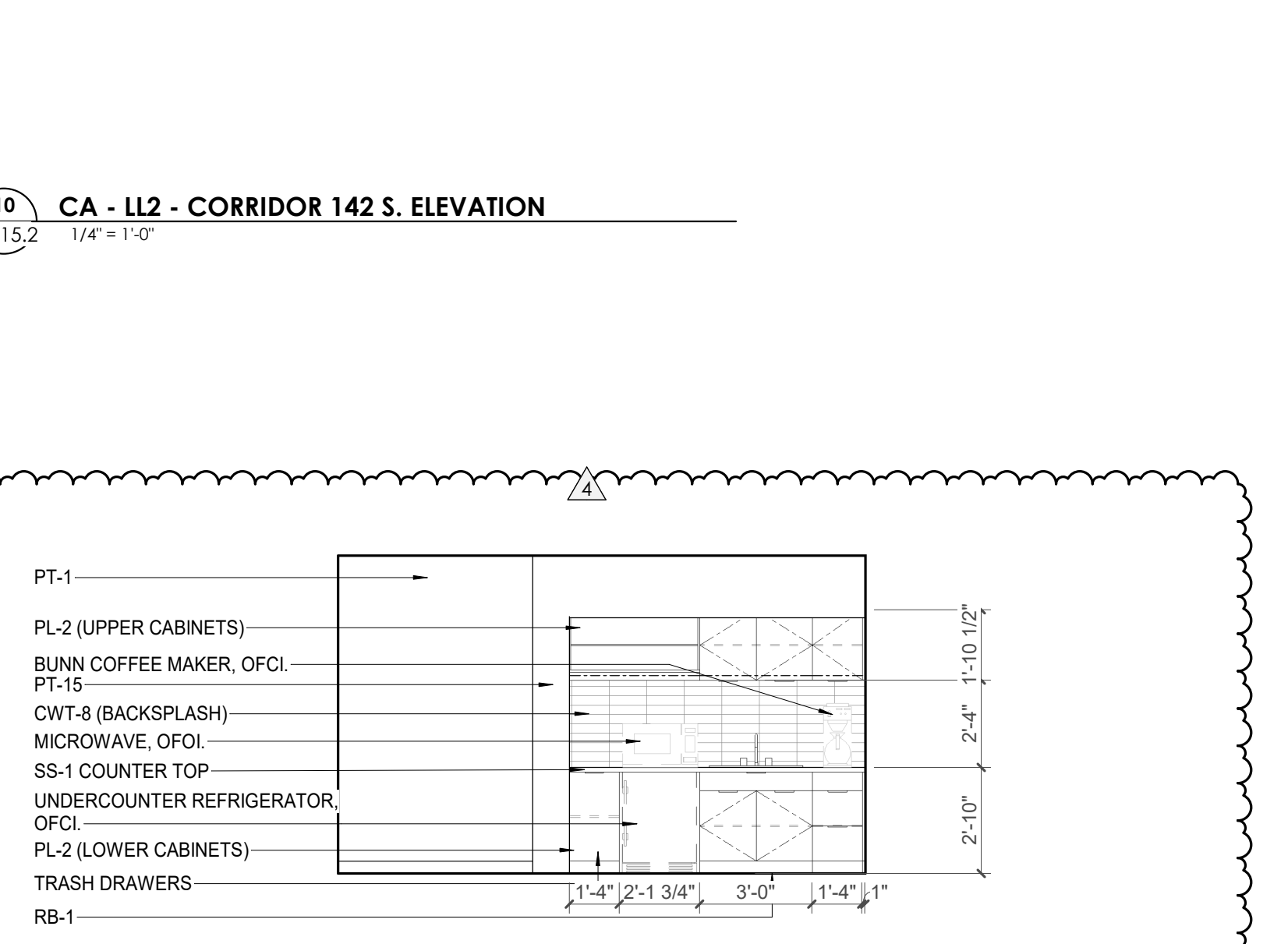
5 CA - LL2 - 8.6 TLT 163-164-165-166 WET WALL ELEVATION



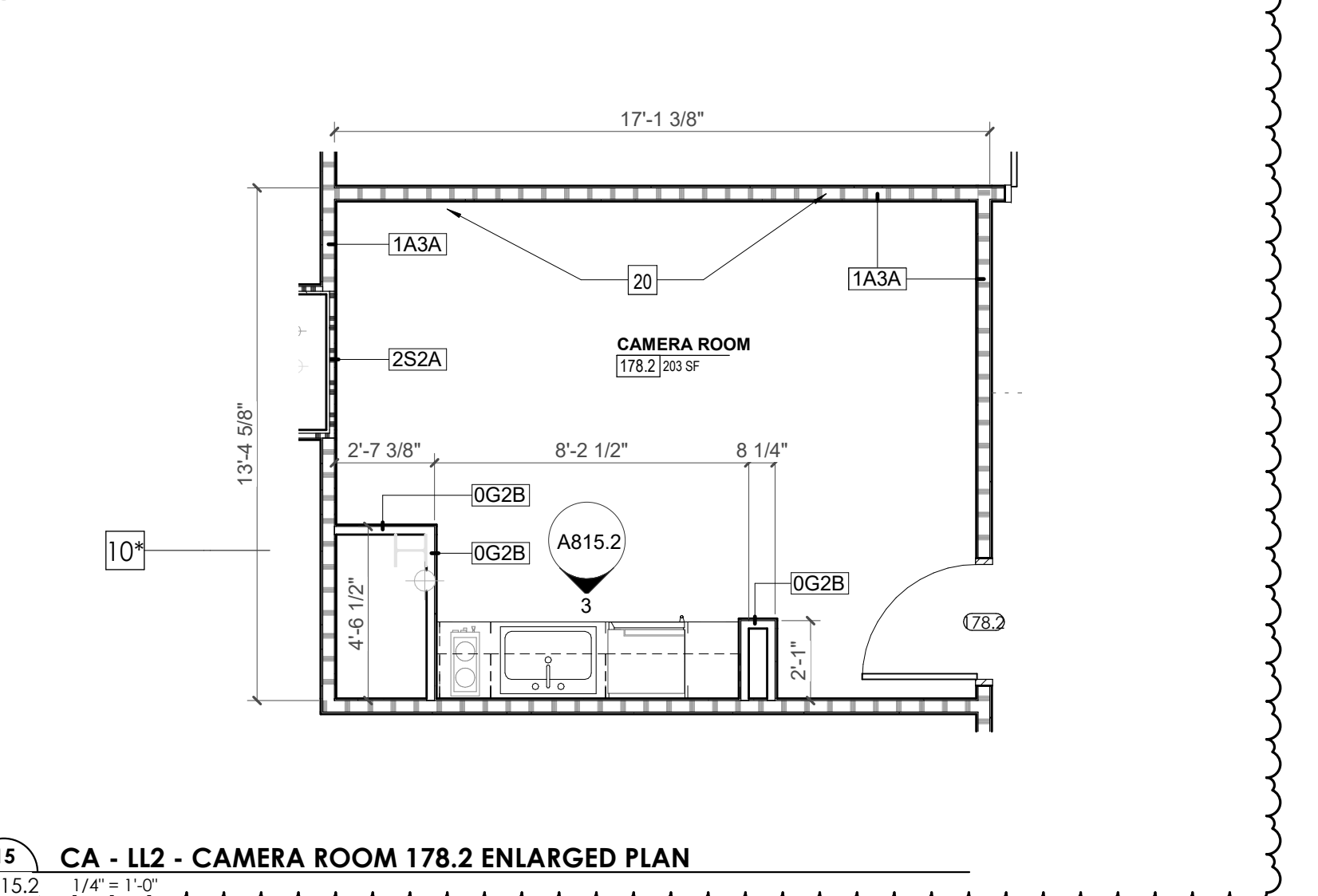
7 CA - LL2 - 8.6 TLT 163-164-165-166 ELEVATION TYP



10 CA - LL2 - CORRIDOR 142 S. ELEVATION



3 CA - LL2 - CAMERA ROOM ELEVATION 178.2



16 CA - LL2 - CAMERA ROOM 178.2 ENLARGED PLAN

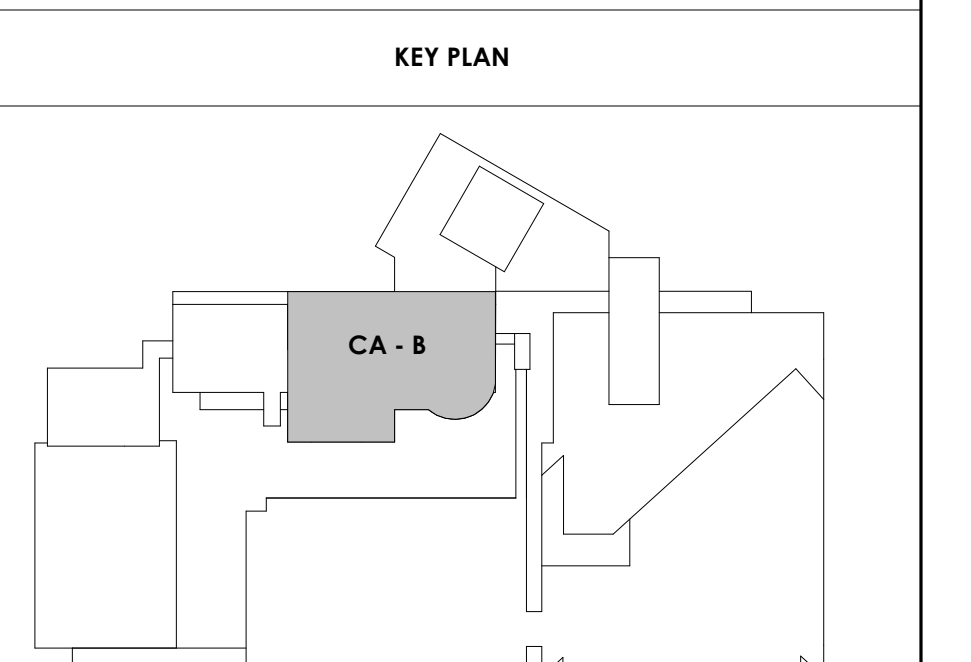
REFLECTED CEILING PLAN LEGEND table with columns: Tag, Text. Lists items like acoustic ceiling tile grid, gypsum board ceiling, wood panel ceiling, etc.

KEYNOTES - REFLECTED CEILING PLAN table with columns: Tag, Text. Lists items like prefinished aluminum trim, integrated aluminum channel, etc.

TOILET ACCESSORIES LEGEND table with columns: MARK, DESCRIPTION. Lists items like horizontal grab bar, vertical grab bar, mirror, etc.

WALL LEGEND table with columns: Tag, Text. Lists items like 2 HR partition, 1 HR partition, ballistic level 3, etc.

KEYNOTES - FLOOR PLANS table with columns: TAG, TEXT. Lists 71 items including soffits, egress stairs, elevators, and various fixtures.



3/30/2021 5:18:22 PM



Project Information:

19018

COK PUBLIC SAFETY COMPLEX

900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:
Architects Design Group

Issue Date: FEBRUARY 01, 2021

PKC: DAVID COLLINS

PM: JOHN THURMAN

PA: LAUREN BUSH /

Drawn By: Author

Checked By: BP

Drawing Info:

A816

CA - ENLARGED PLANS AND ELEVATION LL2 - PENSION

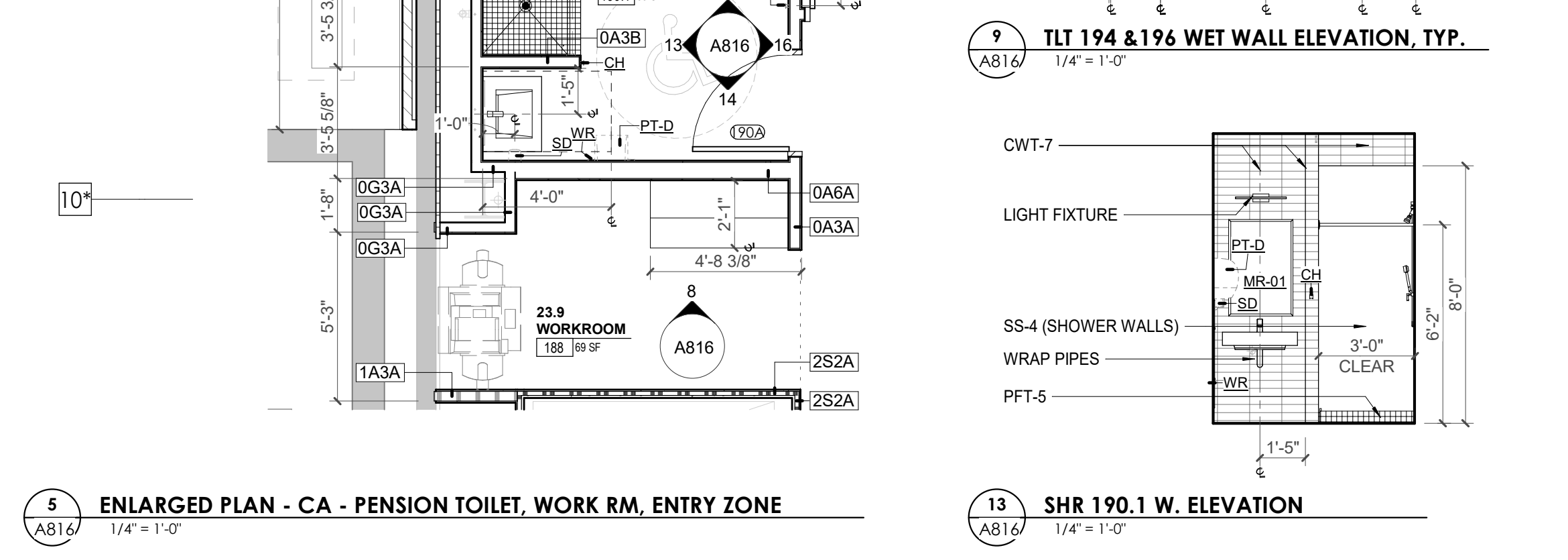
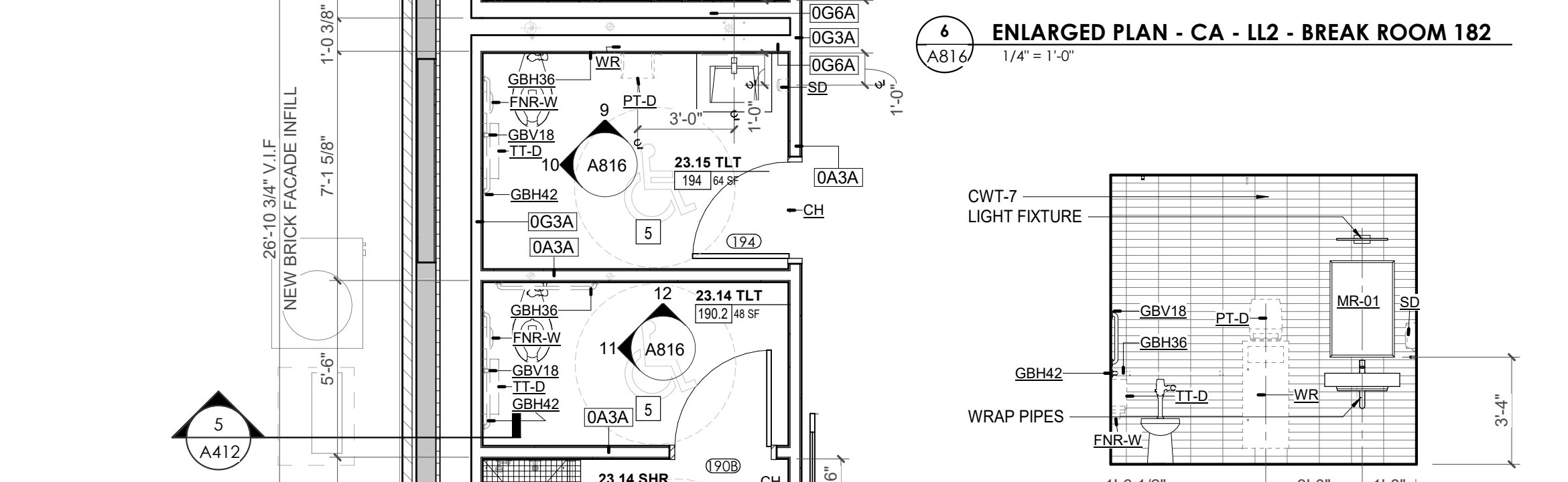
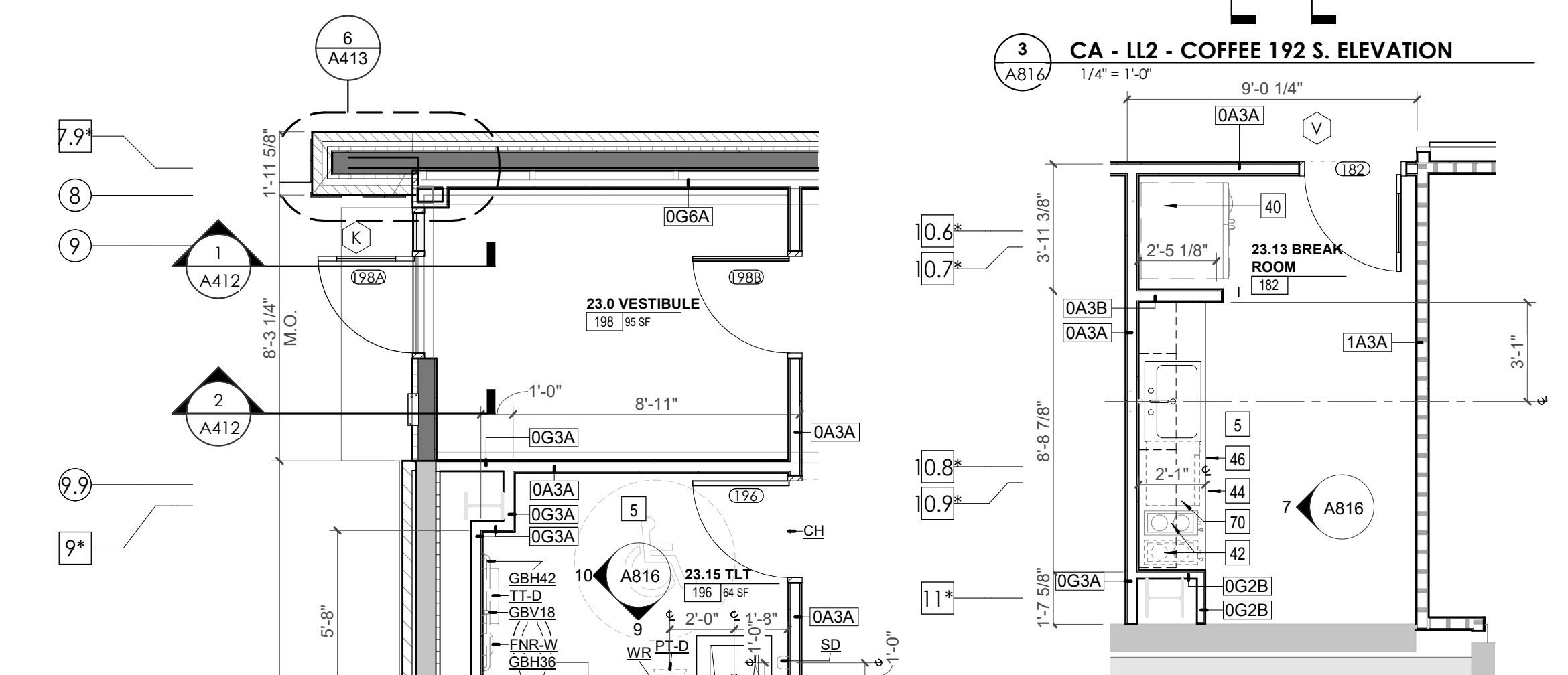
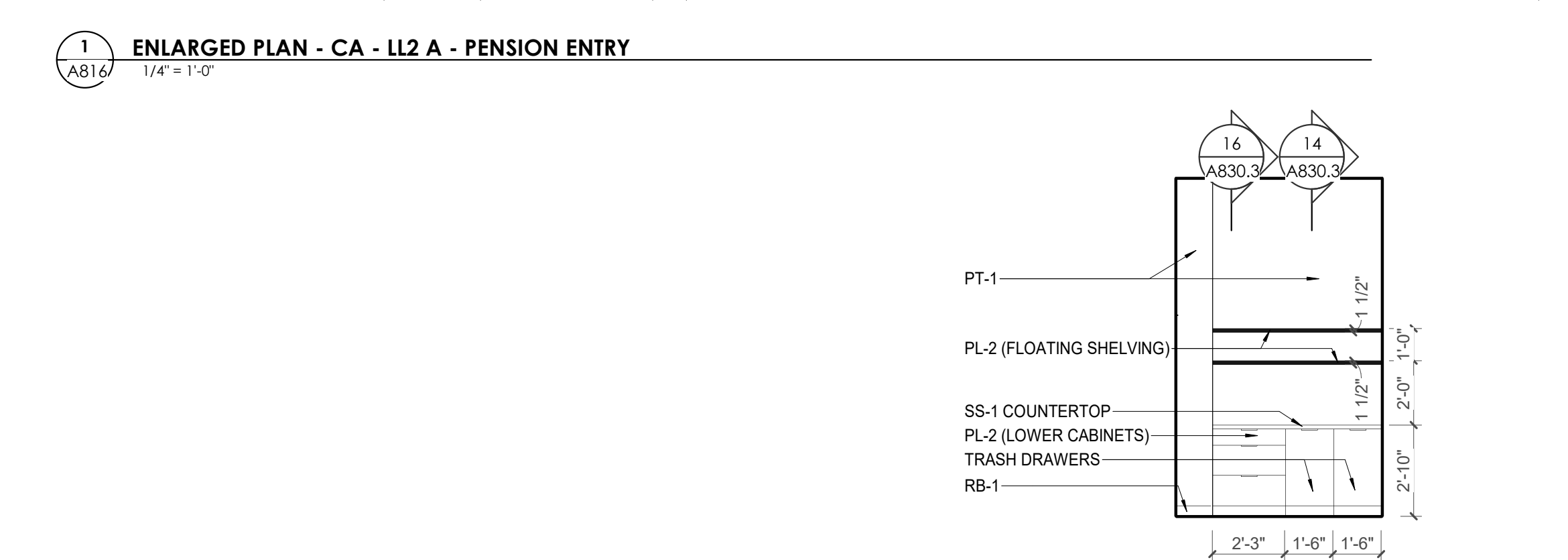
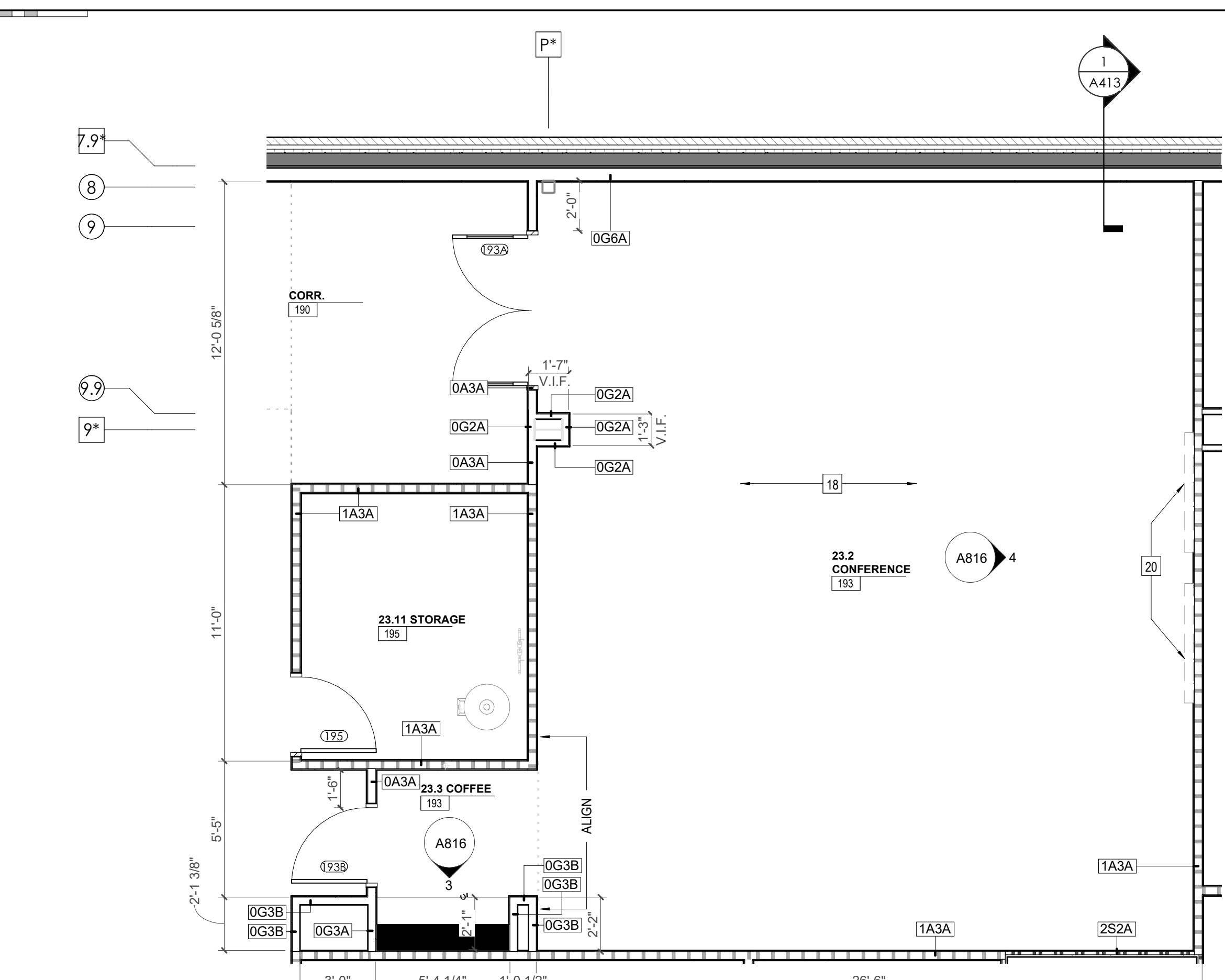
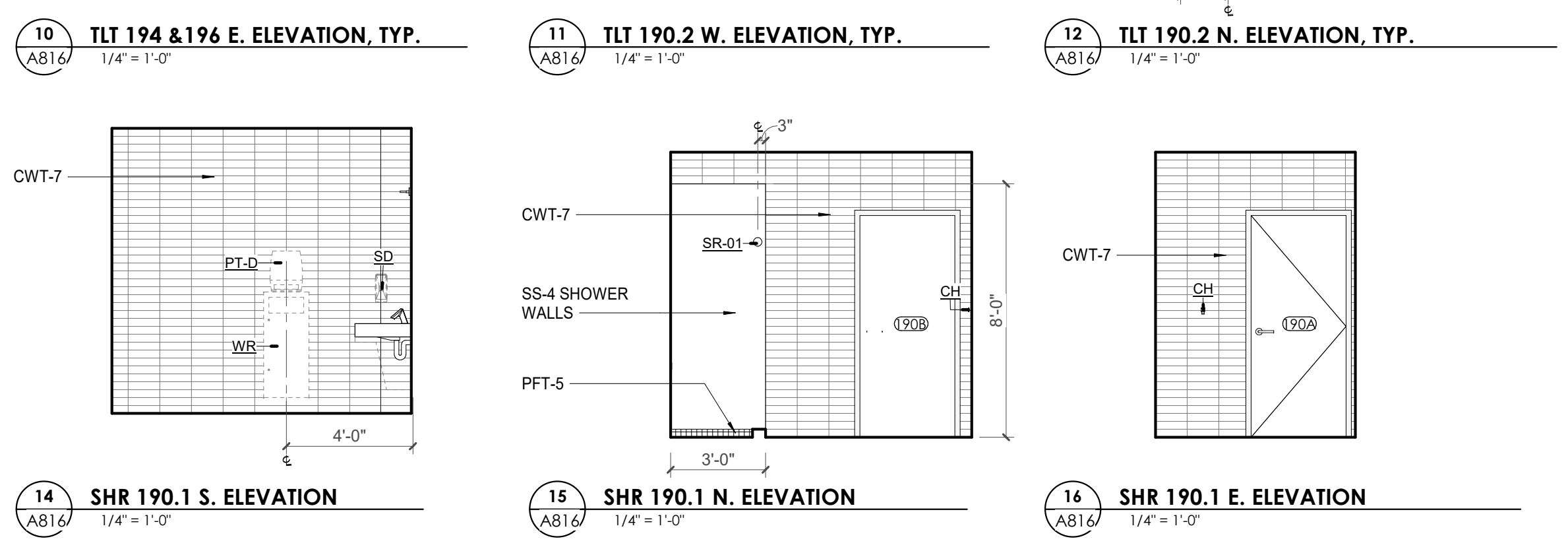
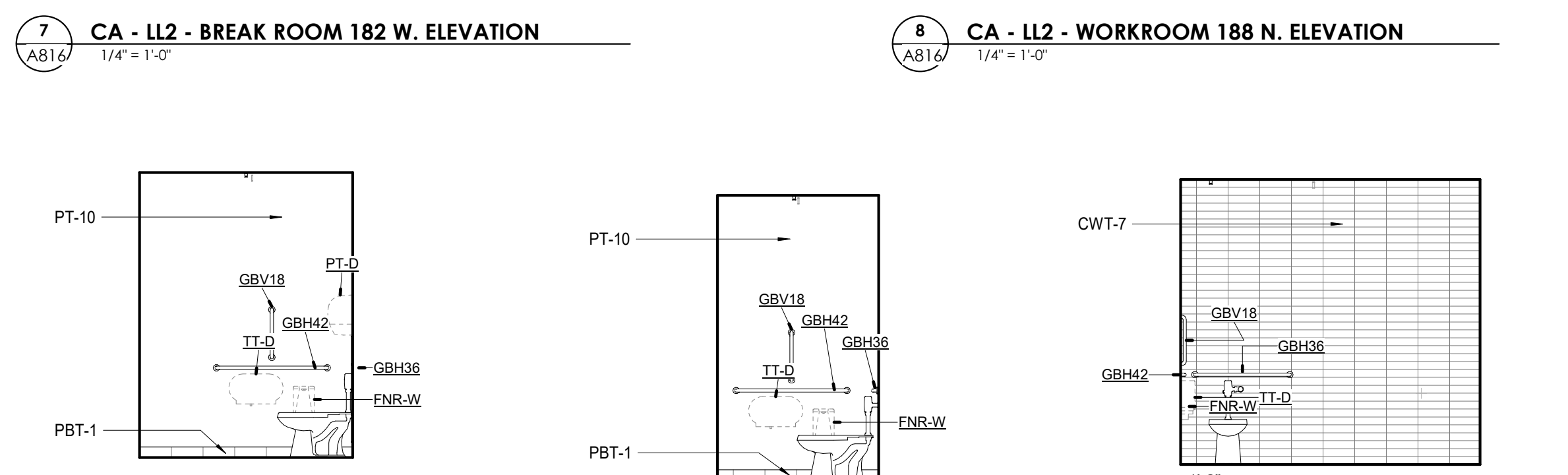
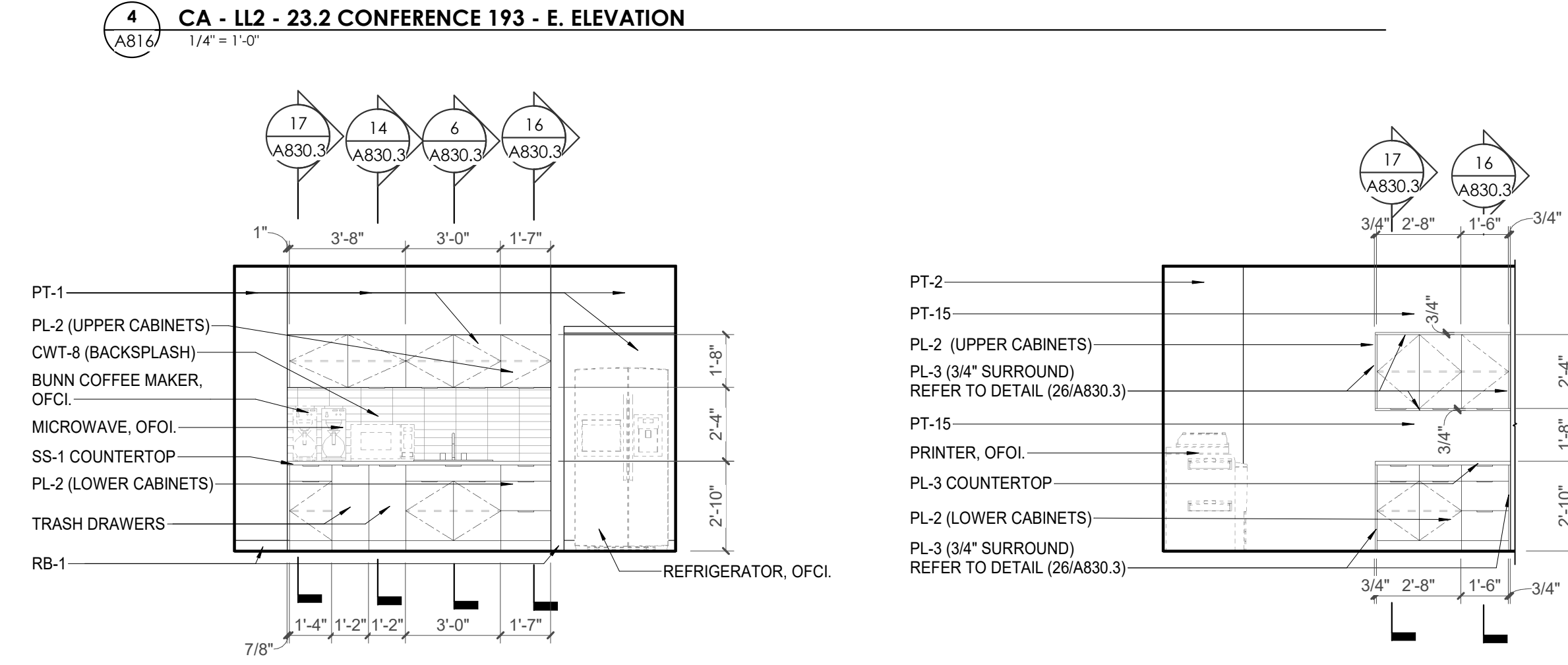
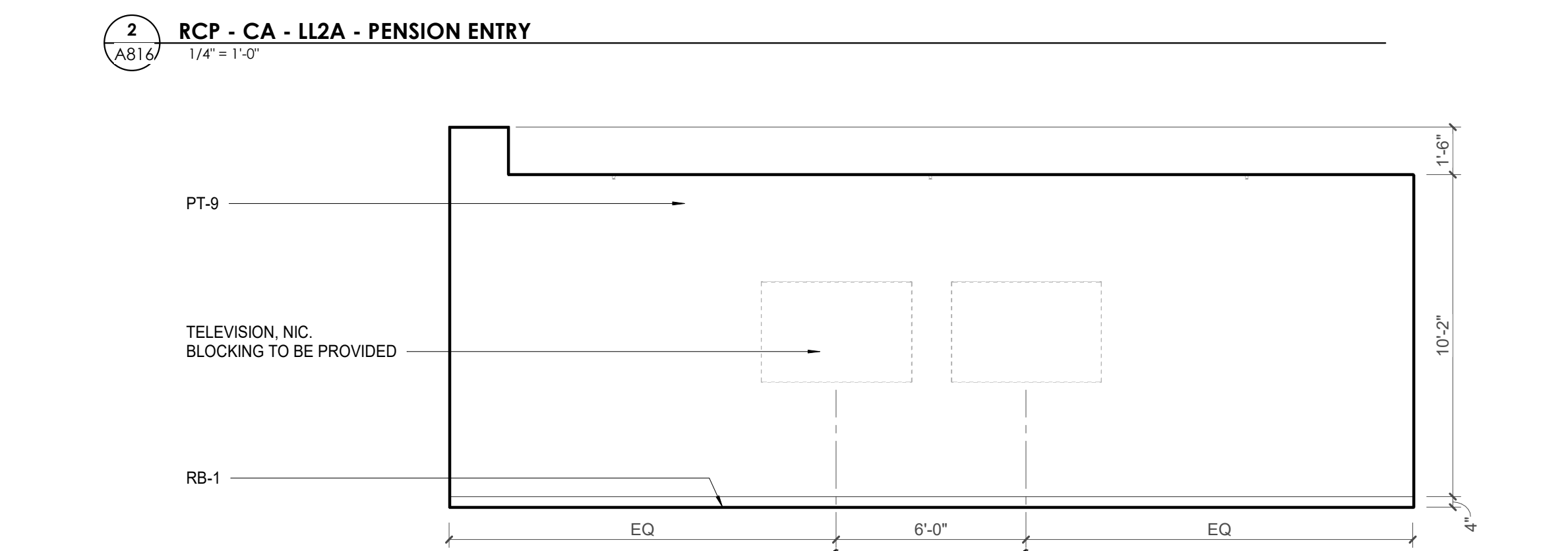
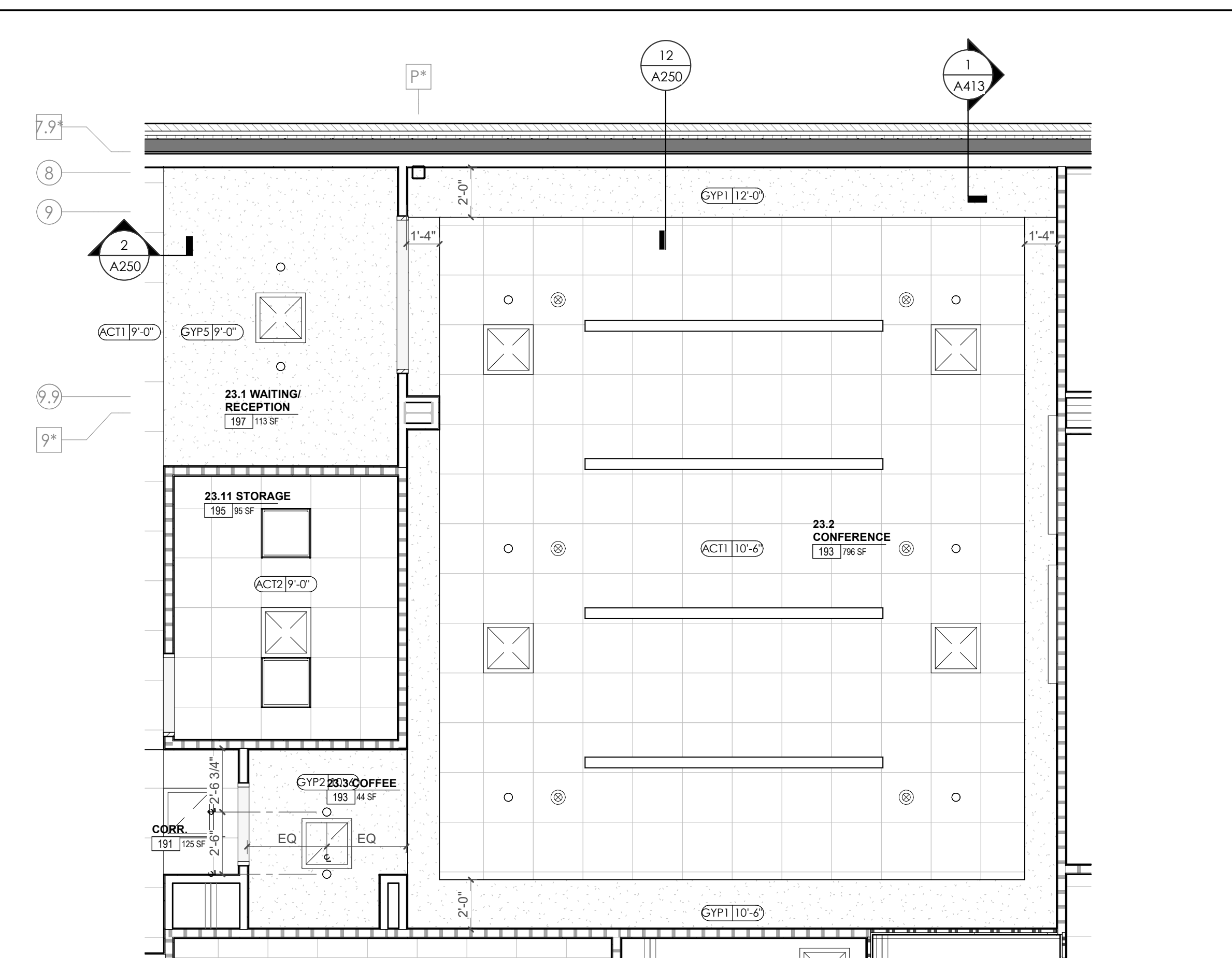
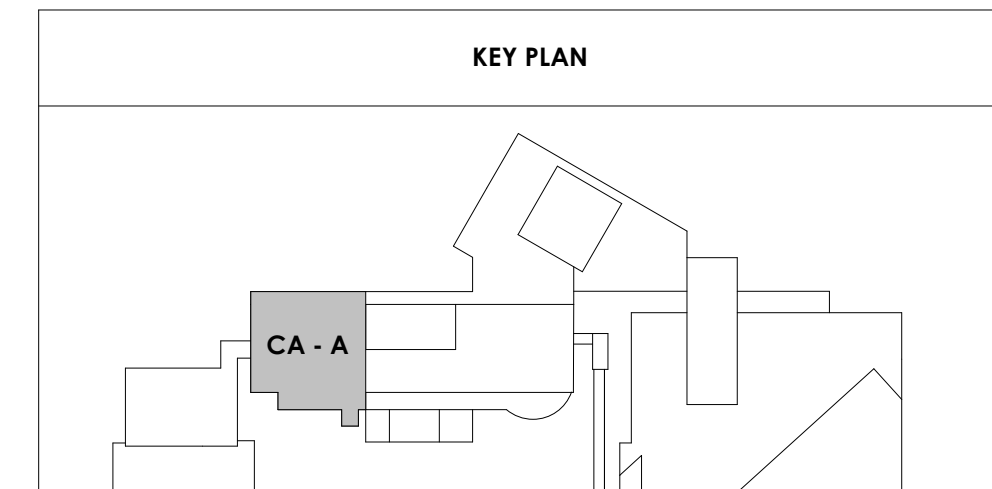
WALL LEGEND	
[Symbol]	2 HR PARTITION (ASSEMBLY VARIES)
[Symbol]	1 HR PARTITION (ASSEMBLY VARIES)
[Symbol]	BALLISTIC LEVEL 3 PARTITION (ASSEMBLY VARIES)
[Symbol]	NEW PARTITION (ASSEMBLY VARIES)
[Symbol]	EXISTING PARTITION
[Symbol]	EXISTING PARTITION TO BE DEMOLISHED

KEYNOTES - FLOOR PLANS	
TAG	TEXT
1	SOFFIT ABOVE (DASHED)
2	EXISTING EGRESS STAIR TO REMAIN - PREP & PAINT EXISTING HANDRAILS, STAIR, & WALLS TO REMAIN
3	EXISTING ELEVATOR TO BE MODIFIED/REPLACED AS REQUIRED TO REACH ALL FOUR (4) FLOORS. SEE ELEVATOR PLANS & DETAILS SHEET FOR INFO.
4	EXISTING ELEVATOR - REFURBISH EQUIPMENT & CONTROLS, NEW FINISHES TO INTERIOR OF CAR AS REQ'D. SEE ELEVATOR PLANS & DETAILS SHEET FOR INFO.
5	NEW FLOOR DRAIN - REFER TO PLUMBING
6	SHADED AREA DENOTES NEW CONCRETE FLOOR SLAB - REFER TO STRUC.
7	BALLISTIC LEVEL 3 RATING AND GLAZING - CONT. TO 8'-0" AFF MIN.
8	MOBILE VEHICLE LIFT
9	OVERHEAD COILING DOOR. SEE MANUF. REQ'S
10	OWNER PROVIDED WOOD PEW SEATING - N.I.C.
11	OWNER PROVIDED 36" DEEP OPEN SHELVING - N.I.C.
12	18" X 24" X 72" HEAVY DUTY LOCKER WITH DRAWER/BENCH (TYPE 1)
13	18" X 24" X 72" HEAVY DUTY THREE TIER LOCKERS (TYPE 2)
14	NEW PASS THRU LOCKERS - TYPE 3
15	RECESSED SIDE ARMS LOCKERS (ONE FOUR DOOR UNIT AT EACH DOOR)
16	PUBLIC WEAPONS STG LOCKERS - TABLET PHONE WALL LOCKERS WITH 12 DOORS (TYPE 5)
17	CANOPY ABOVE (DASHED)
18	OWNER PROVIDED DRYING CABINETS - N.I.C.
19	OWNER PROVIDED COPIER - N.I.C.
20	PROVIDE REQ. BLOCKING FOR LOCATIONS WHERE WALL MOUNTED TV MONITORS ARE LOCATED. REFER TO EQUIPMENT PLANS FOR LOCATIONS
21	PROVIDE REQ. BLOCKING FOR ALL MARKER BOARD LOCATIONS
22	KNOX BOX (RECESSED)
23	RECESSED CELL PHONE LOCKERS TO MATCH METAL WALL PANEL
24	METAL DETECTOR ENTRY SECURITY
25	MOP SINK - SEE PLUMBING
26	18" DEEP BOOKSHELVES
27	12" DEEP COUNTER ON L2X2X1/4" HEAVY DUTY WELDED ANGLE SUPPORT BRACKETS
28	24" DEEP COUNTER ON L2X2X1/4" HEAVY DUTY WELDED ANGLE SUPPORT BRACKETS
29	30" DEEP COUNTER ON L2X2X1/4" HEAVY DUTY WELDED ANGLE SUPPORT BRACKETS
30	18" DEEP COUNTER ON L2X2X1/4" HEAVY DUTY WELDED ANGLE SUPPORT BRACKETS
31	PROVIDE NEW HANDRAILS, GUARDRAILS AND EGRESS STAIR ILLUMINATION. PREP AND PAINT EXISTING STAIR & WALLS TO REMAIN
32	OPERABLE FOLDING PARTITION
33	NEW DROP BOX
34	HIGH LOW WATER COOLER
35	OWNER PROVIDED HIGH DENSITY MOBILE STORAGE SYSTEM AND OVERHEAD RAILS
36	6" DEEP SHELF
37	ABANDON EXISTING ELEVATOR
38	EXISTING FULL HEIGHT SHANDREL PANEL
39	TWO-WAY COMBINATOR (BLACK FINISH), PROVIDE CUTSHEET AND VERIFY COLOR SELECTION WITH MFR PRIOR TO PURCHASE - BASIS OF DESIGN AULTUS BY C.R. LAURENCE
40	OWNER PROVIDED REFRIGERATOR, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
41	OWNER PROVIDED REFRIGERATOR UNDERCOUNTER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
42	OWNER PROVIDED BUNN COFFEE MAKER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
43	OWNER PROVIDED MICROWAVE UNDERCOUNTER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
44	OWNER PROVIDED UNDERCOUNTER DISHWASHER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
45	OWNER PROVIDED COOKTOP AND HOOD, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
46	OWNER PROVIDED ICE MAKER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
47	NEW WATER HEATER - SEE PLUMBING
48	WALL MOUNTED MOP & BROOM HOLDER
49	APPLY TRANS LUCCENT FILM TO INSIDE FACE OF GLAZING
50	IMPACT RESISTANT STEEL BOLLARD, GENERAL LOCATION SHOWN. COORDINATE LOCATION IN FIELD. REFER TO DETAIL 13A300.
51	NEW CONCRETE RAMP, SEE SITE DETAILS A3400 & STRUCTURAL DRAWINGS FOR INFO.
52	NEW SHOOTING RANGE, SEE SHOOTING RANGE PLANS A108 FOR INFO.
53	PROVIDE WHEEL STOPS AT ACCESSIBLE PARKING LOCATIONS
54	NEW FOLDING ARM, SEE ELECTRICAL PLAN FOR ADDITIONAL INFORMATION
55	NEW BADGE IN ACCESS READER, SEE SHEET A5120 AND ELECTRICAL FOR ADDITIONAL INFORMATION
56	RESTRIP PARKING TO ACCOMMODATE FOR ACCESSIBLE PARKING SPACES SHOWN. REFER TO CIVIL FOR ADA SIGNAGE AND PARKING SYMBOLS
57	NEW TRENCH DRAIN - SEE PLUMBING
58	NEW HOSE BIB - SEE PLUMBING
59	EYE WASH - SEE PLUMBING
60	1" FLUSH FLOOR TO FLOOR 2 HR EXPANSION JOINT (TYPE 1) TO MATCH ADJACENT TILE - SEE STRUC AND DETAILS ON A111.2
61	1" FLUSH FLOOR TO FLOOR 2 HR EXPANSION JOINT (TYPE 2) TO MATCH ADJACENT CARPET - SEE STRUC AND DETAILS ON A111.2
62	1" FLUSH FLOOR TO WALL 2 HR EXPANSION JOINT (TYPE 3) TO MATCH ADJACENT CARPET - SEE STRUC AND DETAILS ON A111.2
63	1" FLUSH FLOOR TO WALL 2 HR EXPANSION JOINT (TYPE 4) TO MATCH ADJACENT TILE - SEE STRUC AND DETAILS ON A111.2
64	1" FLUSH WALL CEILING TO WALL CELLING EXPANSION JOINT (TYPE 5) TO MATCH ADJACENT PAINT COLOR - SEE STRUC AND DETAILS ON A111.2
65	1" EXPANSION JOINT (TYPE 6) TO MATCH ADJACENT BRICK - SEE STRUC AND DETAILS
66	ADA PUSH BUTTON
67	FLOOR BOX - VERIFY FINAL LOCATION PRIOR TO INSTALLATION W/ ARCHITECT, COORDINATE W/ SYSTEMS FURNITURE - SEE ELECTRICAL
68	OWNER PROVIDED VENDING MACHINE, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
69	CEILING MOUNTED TV, PROVIDE NECESSARY MOUNTING HARDWARE - SEE ELECTRICAL AND TELECOMMUNICATIONS
70	OWNER PROVIDED MICROWAVE, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
71	24" DEEP STAINLESS PASS THROUGH COUNTER INSTALLED 34" A.F.F. SEE ENLARGED PLANS FOR INFO.

REFLECTED CEILING PLAN LEGEND	
[Symbol]	24" x 24" ACOUSTICAL CEILING TILE GRID
[Symbol]	44" x 48" ACOUSTICAL CEILING TILE GRID
[Symbol]	GYPSUM BOARD CEILING
[Symbol]	WOOD PANEL CEILING
[Symbol]	EIFS SOFFIT
[Symbol]	CEILING TYPE INDICATOR
[Symbol]	CEILING HEIGHT AFF
[Symbol]	CEILING TYPE INDICATOR
CEILING TYPES:	
[Symbol]	GYP - GYPSUM BOARD CEILING
[Symbol]	ACT - ACOUSTICAL TILE CEILING
[Symbol]	MTL - METAL PANEL SOFFIT
[Symbol]	EXP - EXPOSED TO STRUCTURE
[Symbol]	4" DIA. RECESSED CAN LIGHT
[Symbol]	AIMABLE DOWNLIGHT
[Symbol]	4" RECESSED WALL WASH DOWNLIGHT
[Symbol]	RAZOR WALL WASH DOWNLIGHT
[Symbol]	2 x 2 TROFFER
[Symbol]	LED STRIP
[Symbol]	SURFACE MOUNT STRIP LIGHT
[Symbol]	CONTINUOUS LINEAR LED DOWNLIGHT
[Symbol]	DIRECT-INDIRECT LINEAR PENDANT
[Symbol]	EXIT SIGN, SHADED QUADRANTS INDICATE NUMBER OF FACES, PROVIDE DIRECTIONAL ARROWS AS SHOWN.
[Symbol]	EMERGENCY LIGHT
[Symbol]	ED - WET LOCATION EXIT DISCHARGE LIGHT
[Symbol]	CEILING MOUNTED SPEAKER
[Symbol]	SPRINKLER HEAD, CENTER IN CEILING TILE (UNO)
[Symbol]	HVAC CEILING SUPPLY
[Symbol]	HVAC CEILING RETURN
[Symbol]	HVAC LINEAR SUPPLY
[Symbol]	HVAC LINEAR RETURN
[Symbol]	ACCESS PANEL

KEYNOTES - REFLECTED CEILING PLAN	
Tag	Text
1	6" PREFINISHED ALUMINUM TRIM AT PERIMETER
2	6" INTEGRATED ALUMINUM TECHZONE CHANNEL - LIGHTING AND MECHANICAL SUPPLY/RETURN
3	OPERABLE WALL PARTITION
4	ROLLER WINDOW SHADES AT ALL EXTERIOR WORKSPACE WINDOWS - TYP
5	GYP. BD. SOFFIT AT PERIMETER
6	6" PREFORMED ALUMINUM COVE REVEAL
7	1" PREFORMED ALUMINUM REVEAL
8	EXISTING LIGHT FIXTURES IN GARAGES TO REMAIN
9	LOCATION OF CLEARESTORY WINDOWS ABOVE 9'-0" GYP. BD. SOFFIT. EXISTING LIGHT FIXTURES TO BE REINSTALLED IN NEW CEILING TILE AND GRID. VERIFY EXISTING FIXTURE LOCATIONS IN FIELD
10	LOCKERS BELOW (DASHED)
11	NEW FABRICATED STAINLESS STEEL PAN WITH RUBBERIZED COATING, SLOPED TOWARD DRAIN UNDER WATER HEATER IN ADJACENT ROOM. SEE SECTION FOR INFO.
12	PROVIDE NEW GYP. BD. SOFFIT ON EXISTING MTL STUD SOFFIT FRAMING TO REMAIN - VERIFY IN FIELD
13	BLACK OUT ROLLER WINDOW SHADES AT ALL EXTERIOR CLASSROOM WINDOWS - TYP
14	PATCH AND REPLACE EXISTING EIFS SOFFIT AS REQUIRED TO COMPLETE THE WORK
15	NEW MANUAL OVERHEAD COILING DOOR & FRAME, 45 MIN RATED.
16	REMOVE EXISTING EIFS SOFFIT AND PROVIDE NEW SUSPENDED EIFS SOFFIT WITH R-30 BATT INSULATION IN OVERHANG CAVITY

TOILET ACCESSORIES LEGEND	
MARK	DESCRIPTION
GBH42	42" HORIZONTAL GRAB BAR, ADA, COLOR: STAINLESS STEEL
GBH36	36" HORIZONTAL GRAB BAR, ADA, COLOR: STAINLESS STEEL
GBV18	18" VERTICAL GRAB BAR, ADA, COLOR: STAINLESS STEEL
MR-01	24" X 36" MIRROR, BLACK FRAME
MR-02	LOCKER ROOM FRAMLESS MIRROR
MR-03	20" X 59" MIRROR, DOOR MOUNTED, BLACK FRAME
FNR-S	FEMININE NAPKIN RECEPTACLE, SURFACE-MTD, FINISH: STAINLESS STEEL
TT-D	TOILET TISSUE, DOUBLE-ROLL DISPENSER, FINISH: BLACK
HD	HAND DRYER, WALL-MOUNTED, FINISH: BLACK
PT-D	AUTOMATIC PAPER TOWEL DISPENSER, WALL-MTD, FINISH: BLACK
WR	WASTE RECEPTACLE, FINISH: BLACK
CS	CHANGING STATION, FINISH: STAINLESS STEEL
CH	COAT HOOK, FINISH: BLACK
SR-01	36" SHOWER ROD, FINISH: BLACK
SR-02	60" SHOWER ROD, FINISH: BLACK
SS	SHOWER SEAT, PER ADA, FINISH: PHENOLIC



3/30/2021 5:16:48 PM



Project Information:

19018

COK PUBLIC SAFETY COMPLEX

900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:
Architects Design Group

#	ISSUE	DATE
2	ADD #02.1	02/17/21
4	ADD #04.1	03/03/21

Issue Date: FEBRUARY 01, 2021

PKC: DAVID COLLINS

PM: JOHN THURMAN

PA: LAUREN BUSH /

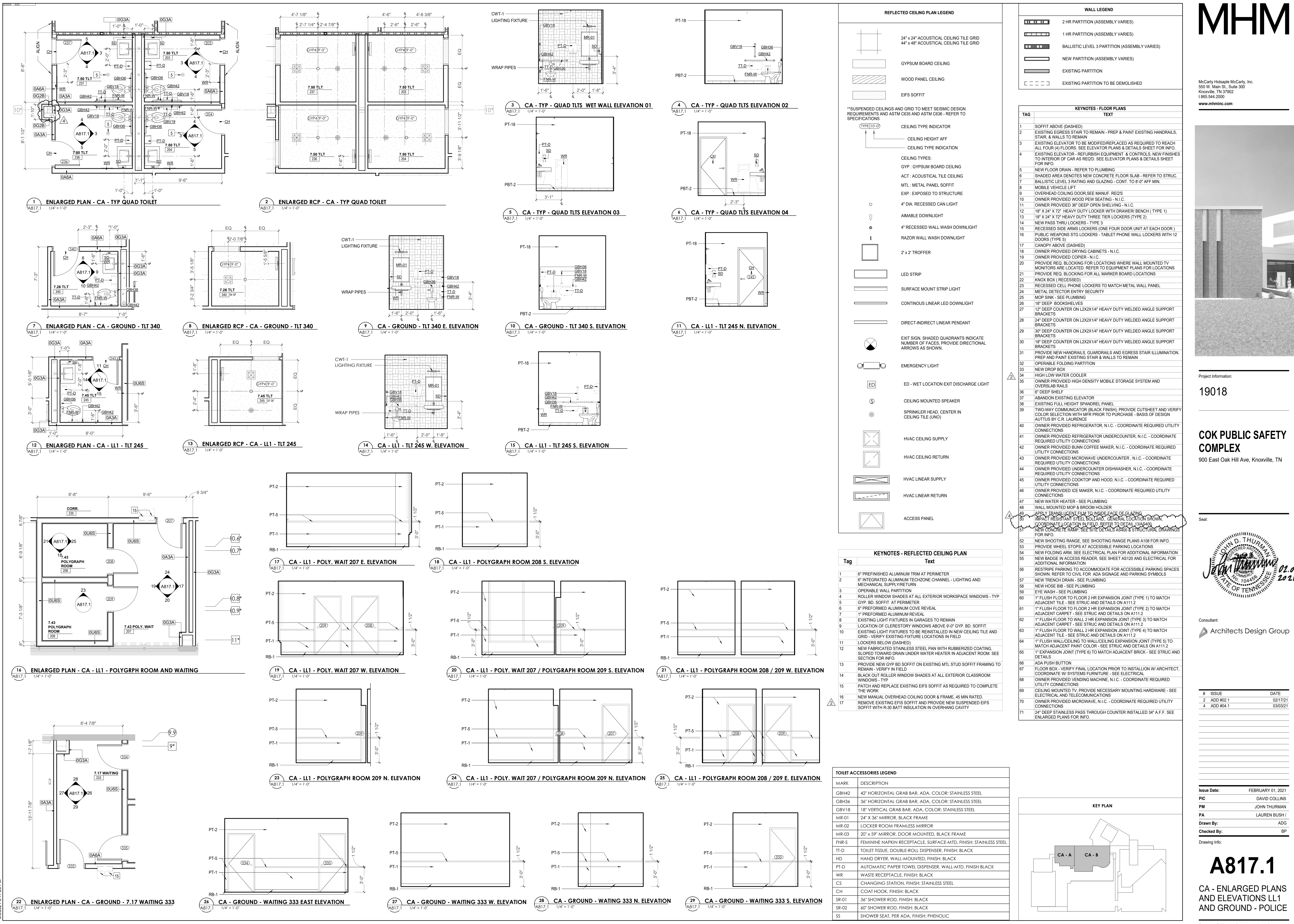
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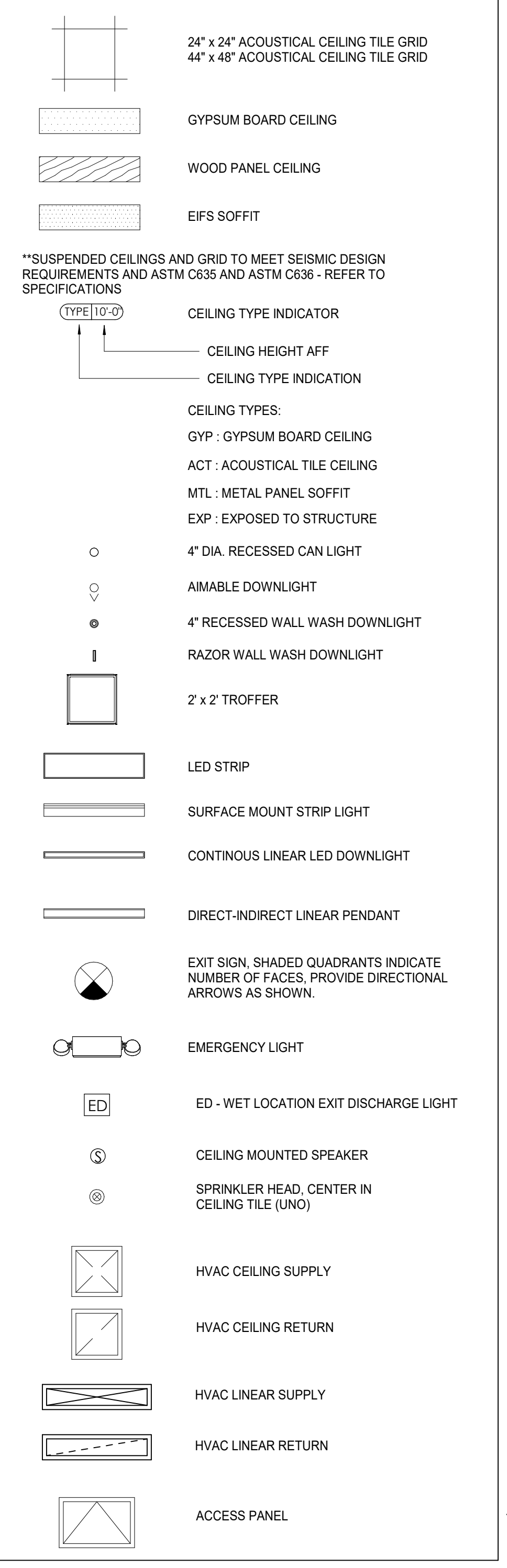
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CA - ENLARGED PLANS AND ELEVATIONS LL1 AND GROUND - POLICE



REFLECTED CEILING PLAN LEGEND



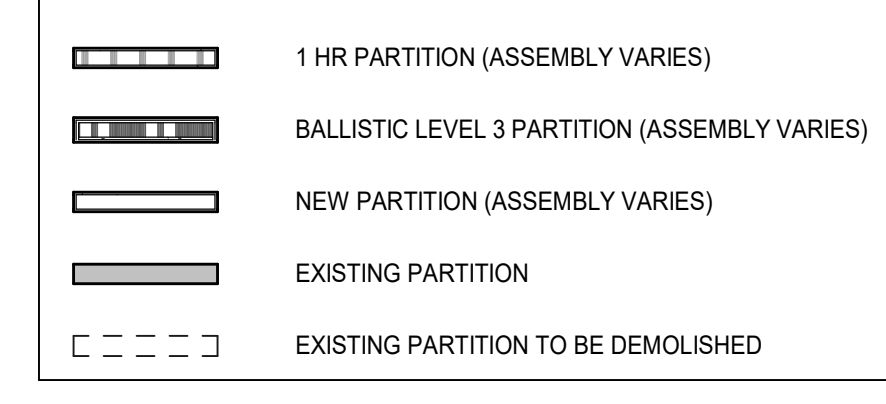
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1	6" PREFINISHED ALUMINUM TRIM AT PERIMETER
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3	OPERABLE WALL PARTITION
4	ROLLER WINDOW SHADES AT ALL EXTERIOR WORKSPACE WINDOWS - TYP
5	GYP. BD. SOFFIT AT PERIMETER
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7	1" PREFORMED ALUMINUM REVEAL
8	EXISTING LIGHT FIXTURES IN GARAGES TO REMAIN
9	LOCATION OF CELESTORY WINDOWS ABOVE 9'-0" GYP. BD. SOFFIT. EXISTING LIGHT FIXTURES TO BE REINSTALLED IN NEW CEILING TILE AND GRID - VERIFY LIGHTING FIXTURE LOCATIONS IN FIELD
10	LOCKERS BELOW (DASHED)
11	NEW FABRICATED STAINLESS STEEL PAN WITH RUBBERIZED COATING. SLOPED TOWARD DRAIN UNDER WATER HEATER IN ADJACENT ROOM. SEE SECTION FOR INFO.
12	PROVIDE NEW GYP. BD. SOFFIT ON EXISTING MTL STUD SOFFIT FRAMING TO REMAIN - VERIFY IN FIELD
13	BLACK OUT ROLLER WINDOW SHADES AT ALL EXTERIOR CLASSROOM WINDOWS - TYP
14	PATCH AND REPLACE EXISTING EIFS SOFFIT AS REQUIRED TO COMPLETE THE WORK
15	NEW MANUAL OVERHEAD COILING DOOR & FRAME, 45 MIN. RATED.
16	REMOVE EXISTING EIFS SOFFIT AND PROVIDE NEW SUSPENDED EIFS SOFFIT WITH R-30 BATT INSULATION IN OVERHANGS CAVITY
17	

TOILET ACCESSORIES LEGEND

MARK	DESCRIPTION
GBH42	42" HORIZONTAL GRAB BAR, ADA, COLOR: STAINLESS STEEL
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S	SHOWER SEAT, PER ADA, FINISH: PHENOLIC

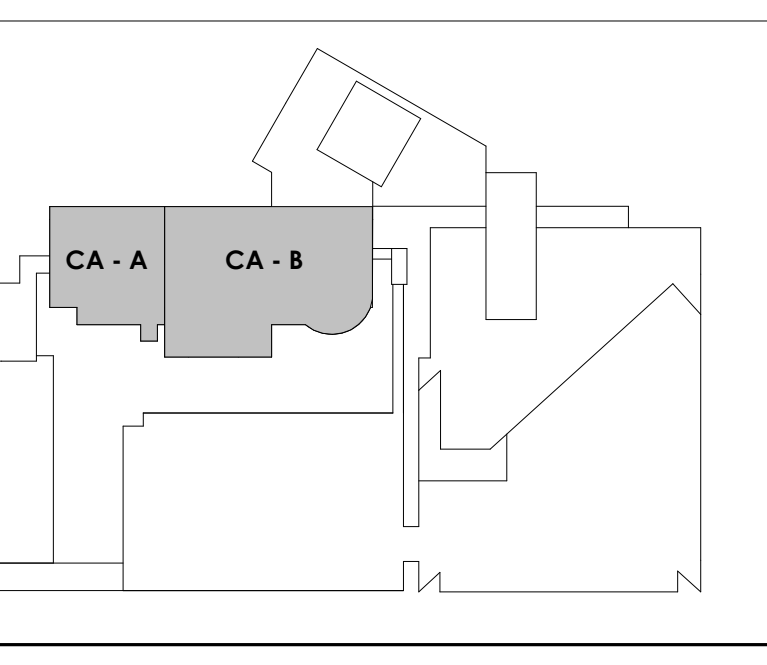
WALL LEGEND



KEYNOTES - FLOOR PLANS

TAG	TEXT
1	SOFFIT ABOVE (DASHED)
2	EXISTING EGRESS STAIR TO REMAIN - PREP & PAINT EXISTING HANDRAILS, STAIR, & WALLS TO REMAIN
3	EXISTING ELEVATOR TO BE MODIFIED/REPLACED AS REQUIRED TO REACH ALL FOUR (4) FLOORS. SEE ELEVATOR PLANS & DETAILS SHEET FOR INFO.
4	EXISTING ELEVATOR - REFURBISH EQUIPMENT & CONTROLS, NEW FINISHES TO INTERIOR OF CAR AS REQ'D. SEE ELEVATOR PLANS & DETAILS SHEET FOR INFO.
5	NEW FLOOR DRAIN - REFER TO PLUMBING
6	SHADED AREA DENOTES NEW CONCRETE FLOOR SLAB - REFER TO STRUCT.
7	BALLISTIC LEVEL 3 RATING AND GLAZING - CONT. TO 8'-0" AFF MIN.
8	MOBILE VEHICLE LIFT
9	OVERHEAD COILING DOOR SEE MANUF. REQ'S
10	OWNER PROVIDED WOOD PEW SEATING - N.I.C.
11	OWNER PROVIDED 36" DEEP OPEN SHELVING - N.I.C.
12	18" X 24" X 72" HEAVY DUTY LOCKER WITH DRAWER/BENCH (TYPE 1)
13	18" X 24" X 72" HEAVY DUTY THREE-TIER LOCKERS (TYPE 2)
14	NEW WASH THRU LOCKERS - TYPE 3
15	RECESSED SIDE ARMS LOCKERS (ONE FOUR DOOR UNIT AT EACH DOOR)
16	PUBLIC WEAPONS STG LOCKERS - TABLET PHONE WALL LOCKERS WITH 12 DOORS (TYPE 5)
17	CANOPY ABOVE (DASHED)
18	OWNER PROVIDED DRYING CABINETS - N.I.C.
19	OWNER PROVIDED COOPER - N.I.C.
20	PROVIDE REQ. BLOCKING FOR LOCATIONS WHERE WALL MOUNTED TV MONITORS ARE LOCATED. REFER TO EQUIPMENT PLANS FOR LOCATIONS
21	PROVIDE REQ. BLOCKING FOR ALL MARKER BOARD LOCATIONS
22	KNOX BOX (RECESSED)
23	RECESSED CELL PHONE LOCKERS TO MATCH METAL WALL PANEL
24	METAL DETECTOR ENTRY SECURITY
25	MCP BANK - SEE PLUMBING
26	18" DEEP BOOKSHELVES
27	12" DEEP COUNTER ON L2X2X1/4" HEAVY DUTY WELDED ANGLE SUPPORT BRACKETS
28	24" DEEP COUNTER ON L2X2X1/4" HEAVY DUTY WELDED ANGLE SUPPORT BRACKETS
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32	OPERABLE FOLDING PARTITION
33	NEW DROP BOX
34	HIGH LOW WATER COOLER
35	OWNER PROVIDED HIGH DENSITY MOBILE STORAGE SYSTEM AND OVERHANG RAILS
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37	ABANDON EXISTING ELEVATOR
38	EXISTING FULL HEIGHT SPANDREL PANEL
39	TWO-WAY COMMINGATOR (BLACK FINISH), PROVIDE CUTSHEET AND VERIFY COLOR SELECTION WITH MFR PRIOR TO PURCHASE - BASIS OF DESIGN AUITUS BY C.R. LAURENCE
40	OWNER PROVIDED REFRIGERATOR, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
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42	OWNER PROVIDED BUUN COFFEE MAKER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
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45	OWNER PROVIDED COOKTOP AND HOOD, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
46	OWNER PROVIDED ICE MAKER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
47	NEW WATER HEATER - SEE PLUMBING
48	WALL MOUNTED MOP & BROOM HOLDER
49	APPLY TRANS LUCCENT FILM TO INSIDE FACE OF GLAZING
50	IMPACT RESISTANT STEEL BOLLARD, GENERAL LOCATION SHOWN. COORDINATE LOCATION IN FIELD. REFER TO DETAIL 13AS904.
51	NEW CONCRETE RAMP, SEE SITE DETAILS AS400 & STRUCTURAL DRAWINGS FOR INFO.
52	NEW SHOOTING RANGE, SEE SHOOTING RANGE PLANS A108 FOR INFO.
53	PROVIDE WHEEL STOPS AT ACCESSIBLE PARKING LOCATIONS
54	NEW FOLDING ARM, SEE ELECTRICAL PLAN FOR ADDITIONAL INFORMATION
55	NEW BRACE IN ACCESS READER, SEE SHEET AS120 AND ELECTRICAL FOR ADDITIONAL INFORMATION
56	RESTRIPE PARKING TO ACCOMMODATE FOR ACCESSIBLE PARKING SPACES SHOWN. REFER TO CIVIL FOR ADA SIGNAGE AND PARKING SYMBOLS
57	NEW TRENCH DRAIN - SEE PLUMBING
58	NEW HOSE BIB - SEE PLUMBING
59	EYE WASH - SEE PLUMBING
60	1" FLUSH FLOOR TO FLOOR 2 HR EXPANSION JOINT (TYPE 1) TO MATCH ADJACENT TILE - SEE STRUC AND DETAILS ON A111.2
61	1" FLUSH FLOOR TO FLOOR 2 HR EXPANSION JOINT (TYPE 2) TO MATCH ADJACENT CARPET - SEE STRUC AND DETAILS ON A111.2
62	1" FLUSH FLOOR TO WALL 2 HR EXPANSION JOINT (TYPE 3) TO MATCH ADJACENT CARPET - SEE STRUC AND DETAILS ON A111.2
63	1" FLUSH FLOOR TO WALL 2 HR EXPANSION JOINT (TYPE 4) TO MATCH ADJACENT TILE - SEE STRUC AND DETAILS ON A111.2
64	1" FLUSH WALL/CES TO WALL/CEILING EXPANSION JOINT (TYPE 5) TO MATCH ADJACENT PAINT COLOR - SEE STRUC AND DETAILS ON A111.2
65	1" EXPANSION JOINT (TYPE 6) TO MATCH ADJACENT BRICK - SEE STRUC AND DETAILS
66	ADA PUSH BUTTON
67	FLOOR BOX - VERIFY FINAL LOCATION PRIOR TO INSTALLATION W/ ARCHITECT, COORDINATE W/ SYSTEMS FURNITURE - SEE ELECTRICAL
68	OWNER PROVIDED VENDING MACHINE, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
69	CEILING MOUNTED TV, PROVIDE NECESSARY MOUNTING HARDWARE - SEE ELECTRICAL AND TELECOMMUNICATIONS
70	OWNER PROVIDED MICROWAVE, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
71	24" DEEP STAINLESS PASS THROUGH COUNTER INSTALLED 34" A.F.F. SEE ENLARGED PLANS FOR INFO.

KEY PLAN





Project Information:

19018

COK PUBLIC SAFETY COMPLEX

900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:

Architects Design Group

Table with 3 columns: #, ISSUE, DATE. Includes entries for #2, #3, and #4.

Issue Date: FEBRUARY 01, 2021

PK: DAVID COLLINS

PM: JOHN THURMAN

PA: LAUREN BUSH /

Checked By: Author

Drawn By: BP

Drawing Info:

A817.2

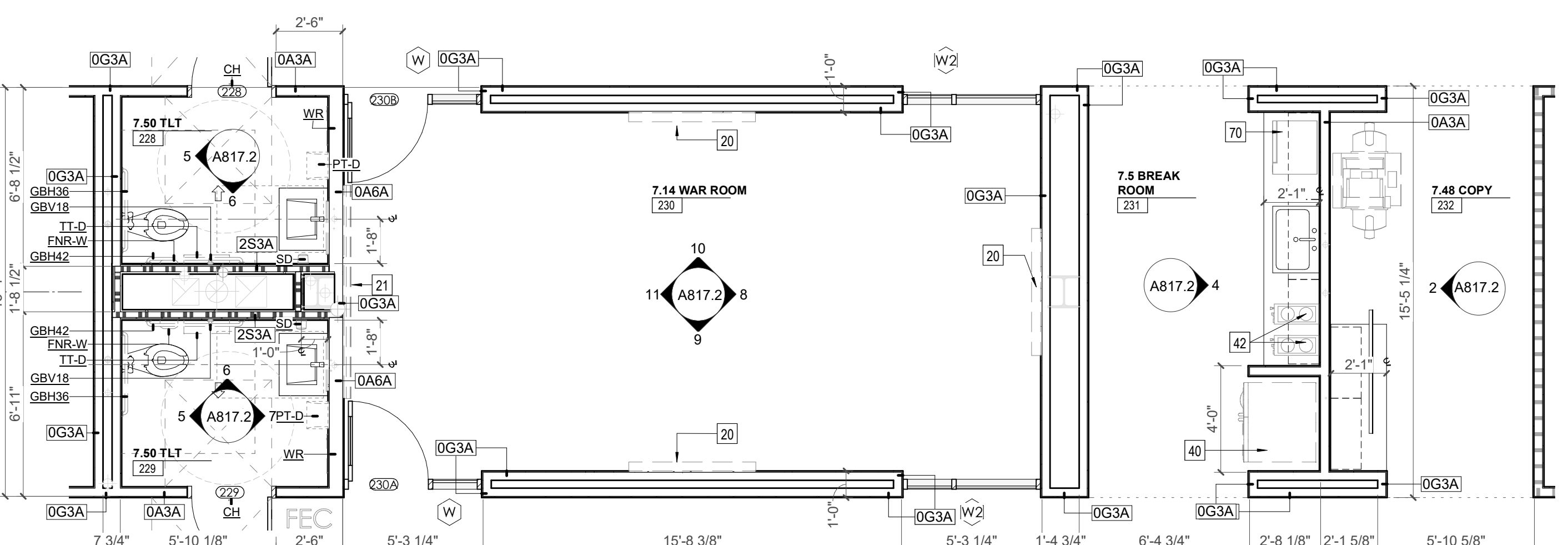
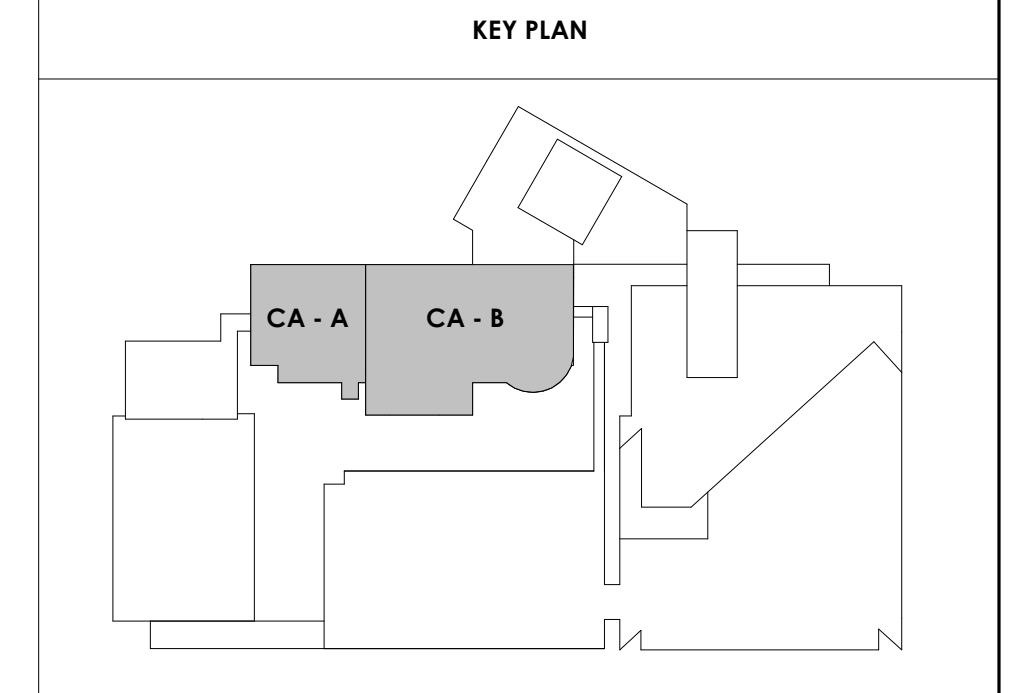
CA - ENLARGED PLANS AND ELEVATIONS LL1 AND GROUND - POLICE

REFLECTED CEILING PLAN LEGEND and WALL LEGEND. Includes symbols for acoustic tile grid, gypsum board ceiling, wood panel ceiling, EIFS soffit, and various ceiling types like GYP, ACT, MTL, EXP, 4" DIA, etc.

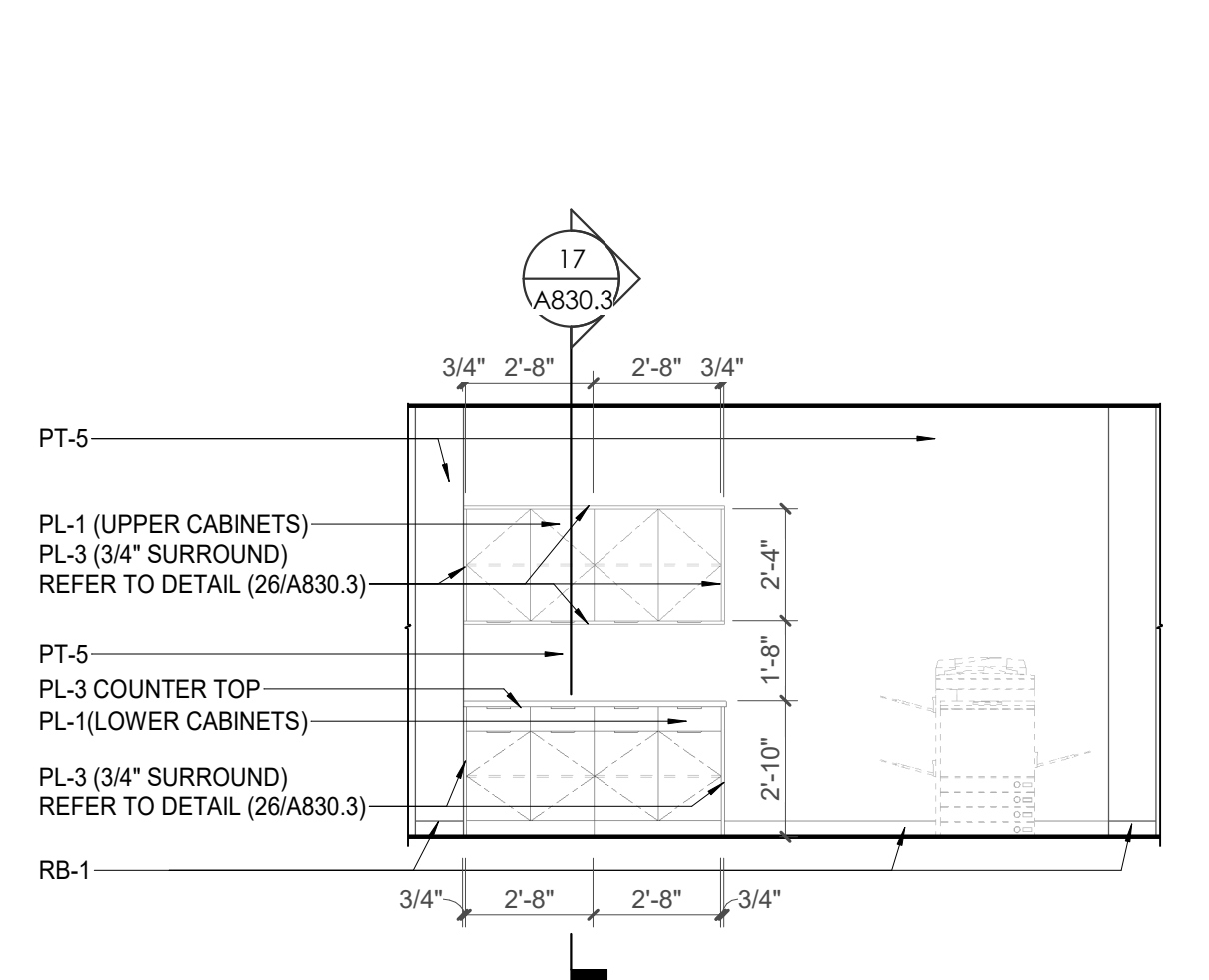
KEYNOTES - FLOOR PLANS. Table with TAG and TEXT columns. Includes notes 1-71 regarding soffits, elevators, plumbing, and structural details.

KEYNOTES - REFLECTED CEILING PLAN. Table with TAG and TEXT columns. Includes notes 1-17 regarding aluminum trim, partitions, and ceiling fixtures.

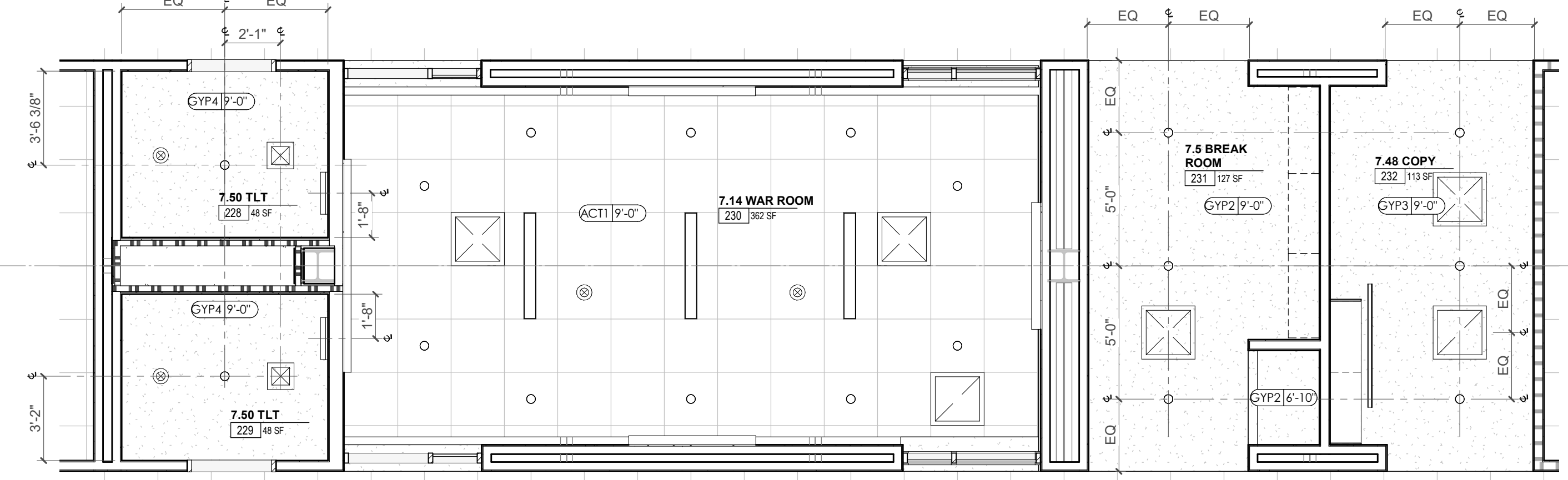
TOILET ACCESSORIES LEGEND. Table with MARK and DESCRIPTION columns. Lists items like GBH42, GBH36, GBV18, MR-01, etc.



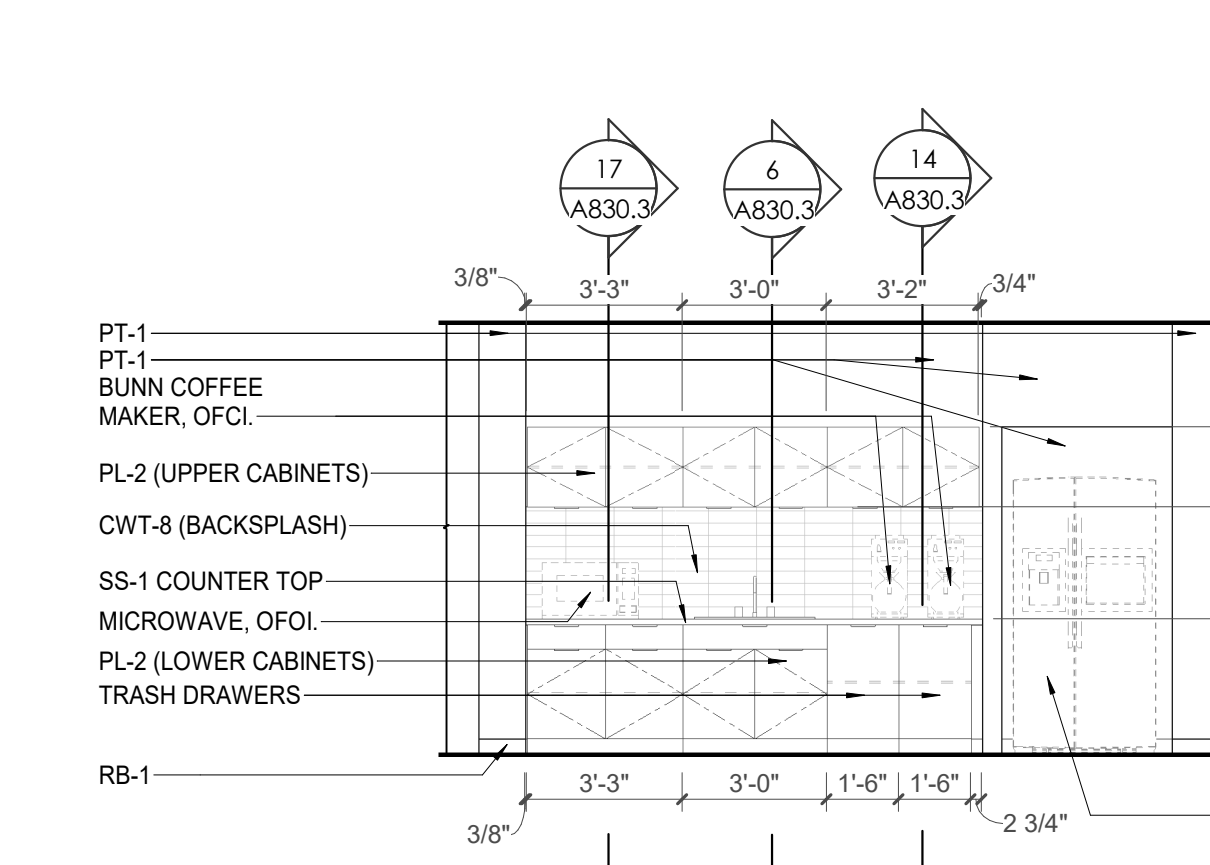
1 ENLARGED PLANS - CA - LL1 & GROUND TOILET, CONFERENCE, BREAK, COPY



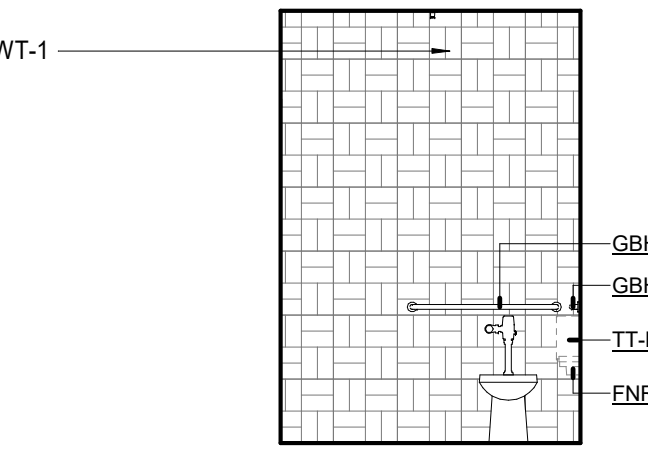
2 CA - LL1 - COPY 232 E. ELEVATION



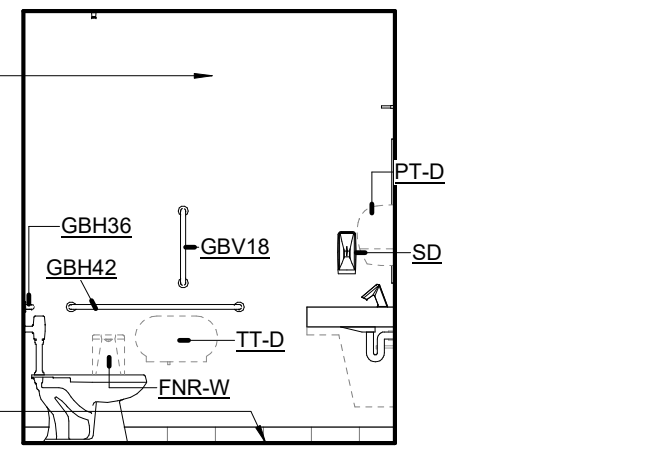
3 ENLARGED RCP - CA - LL1 & GROUND TOILET, CONFERENCE, BREAK, COPY



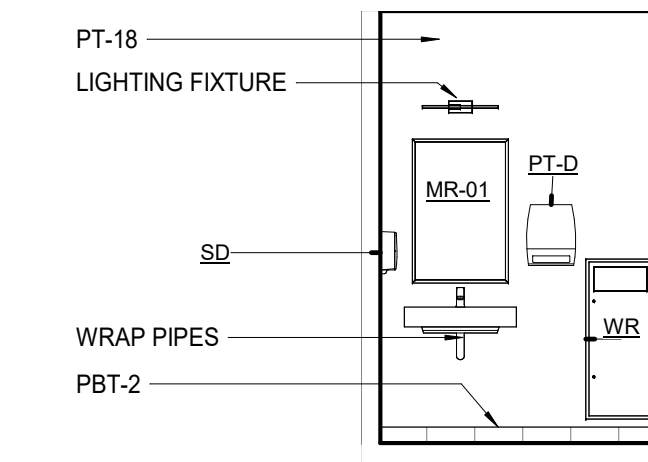
4 CA - LL1 - BREAK ROOM 231 E. ELEVATION



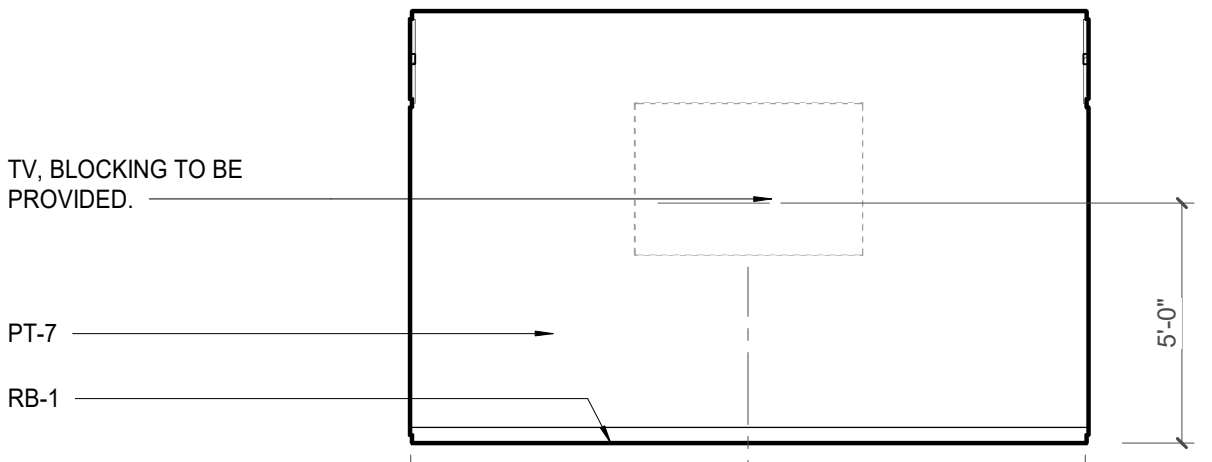
5 CA - TYP - TLTS 228, 229, 321 & 320 ELEVATION 01 WET WALL



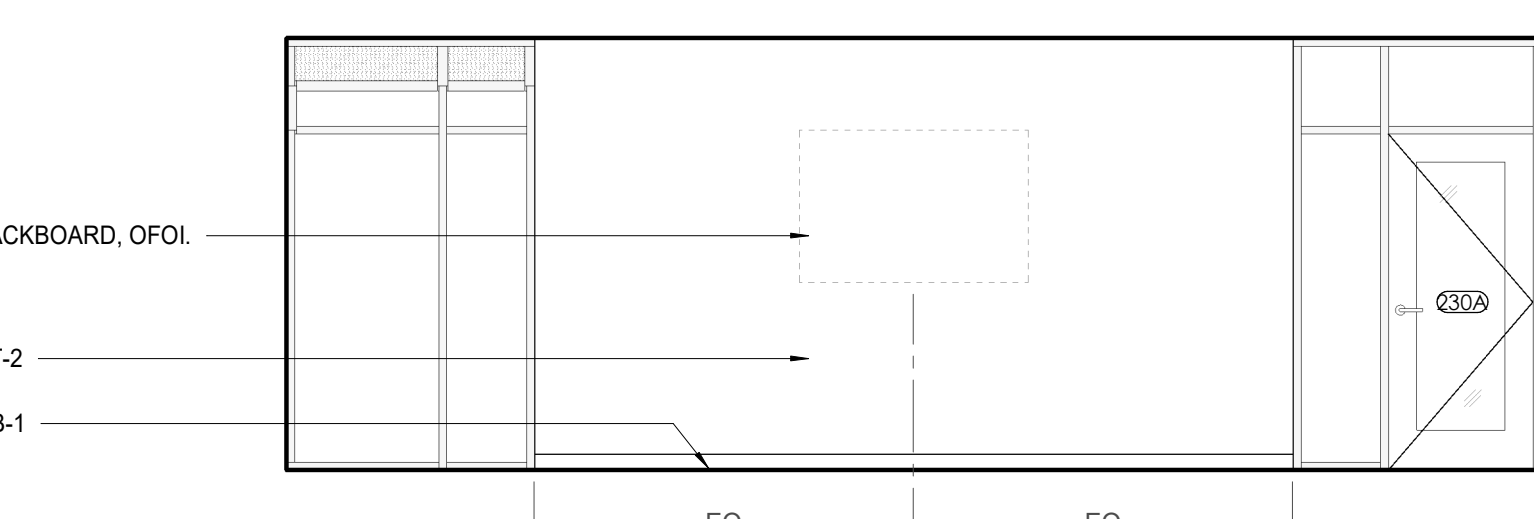
6 CA - TYP - TLTS 228, 229, 321 & 320 ELEVATION 02



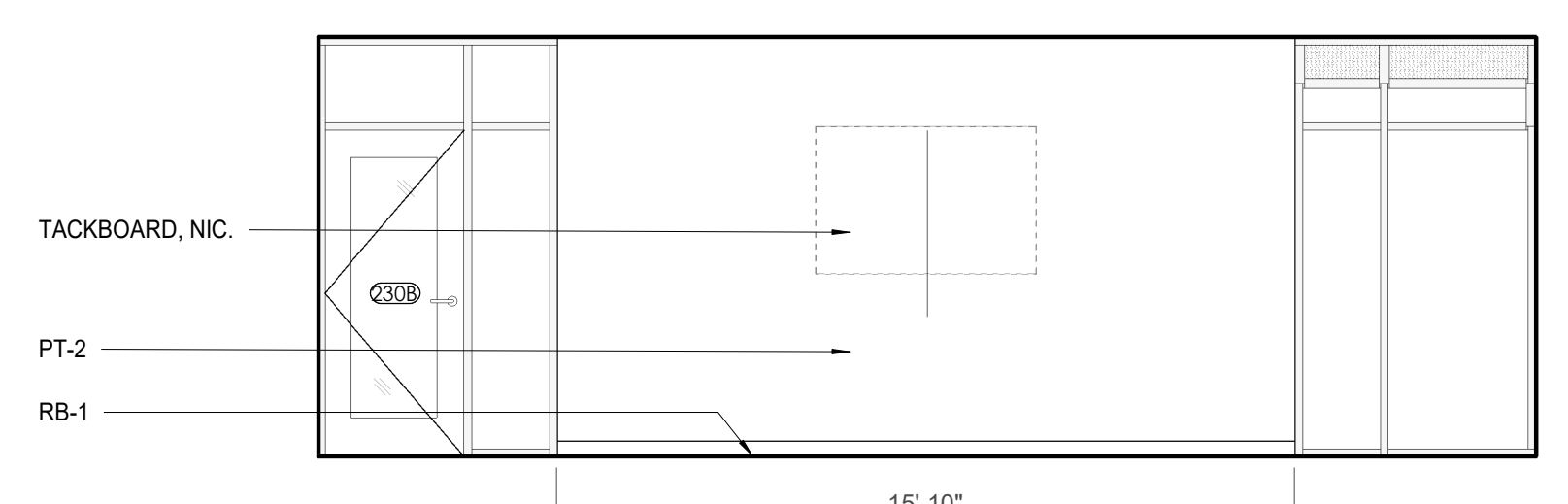
7 CA - TYP - TLTS 228, 229, 321 & 320 ELEVATION 03



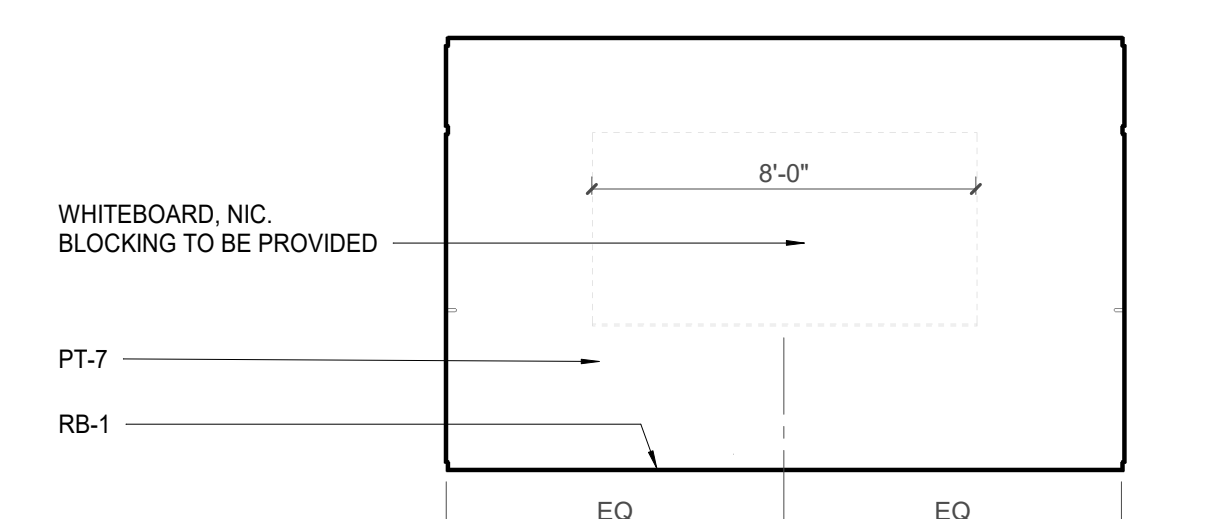
8 CA - TYP - LL1 & GROUND CONFERENCE ROOM E. ELEVATION



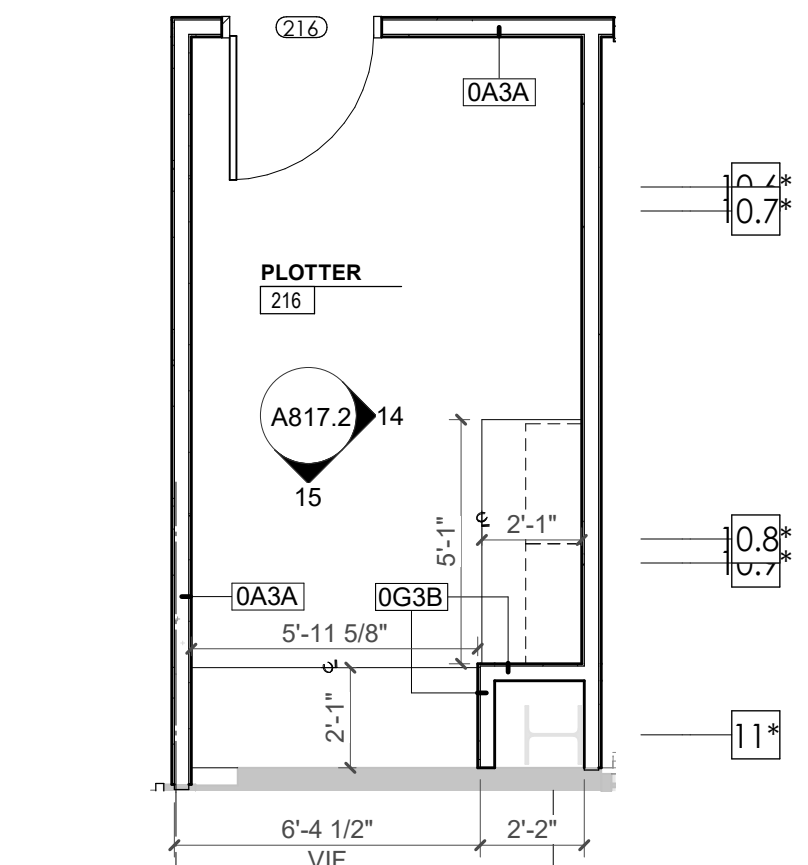
9 CA - TYP - LL1 & GROUND CONFERENCE ROOM S. ELEVATION



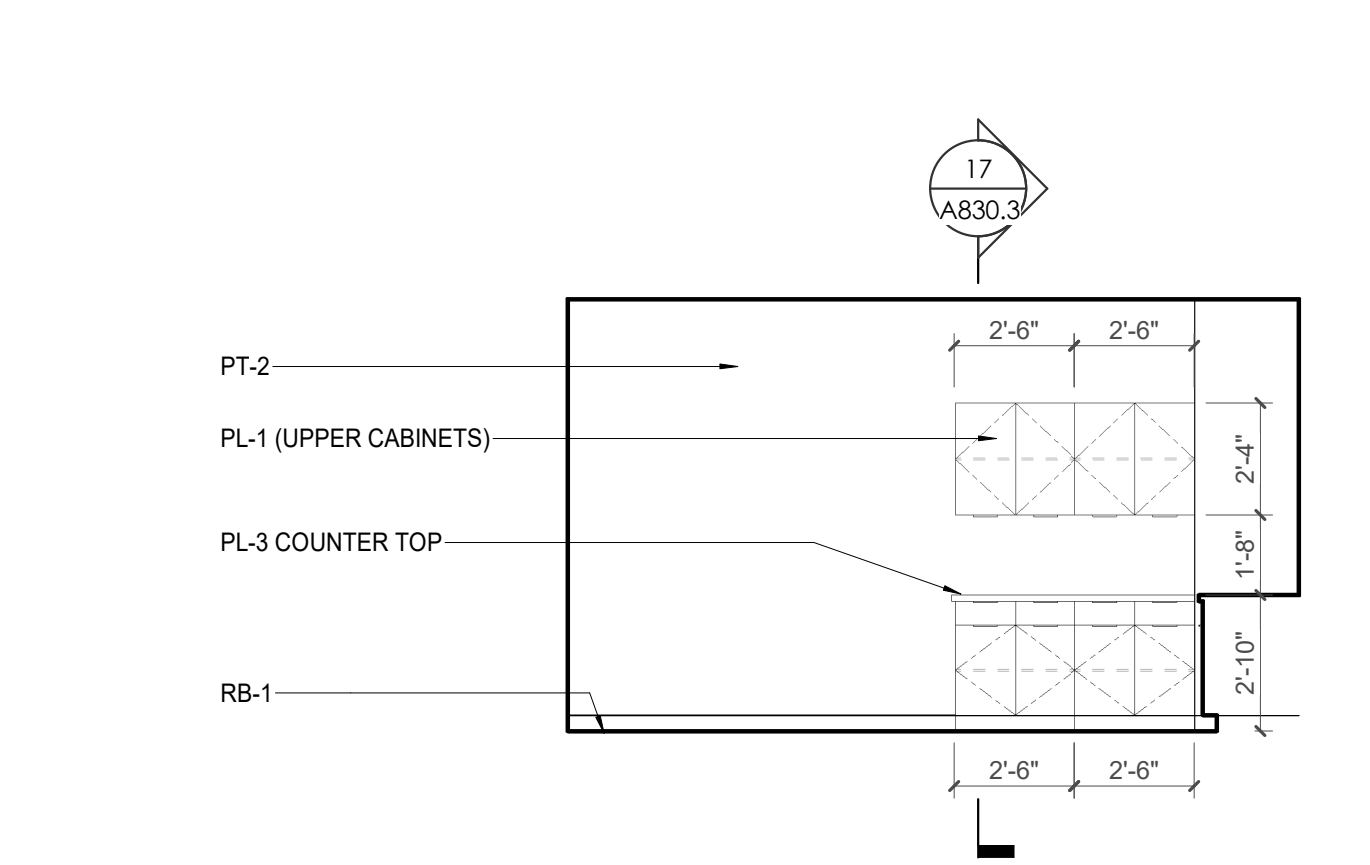
10 CA - TYP - LL1 & GROUND CONFERENCE ROOM N. ELEVATION



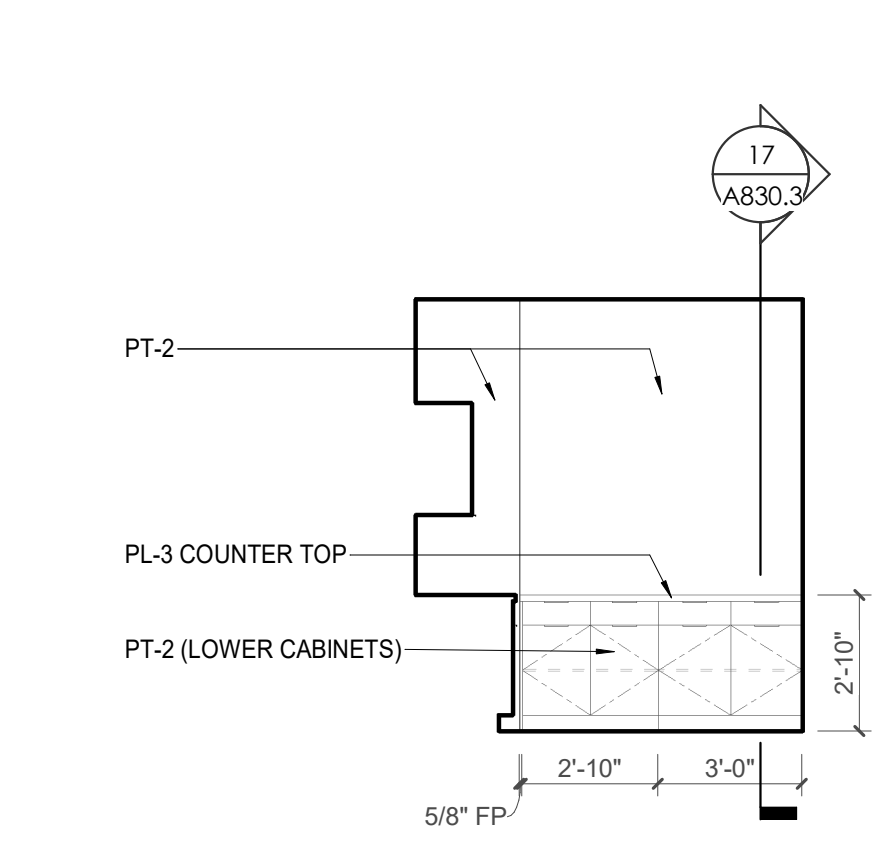
11 CA - TYP - LL1 & GROUND CONFERENCE ROOM W. ELEVATION



13 ENLARGED PLAN - CA - LL1 PLOTTER 216



14 CA - LL1 - PLOTTER 216 E. ELEVATION



15 CA - LL1 - PLOTTER 216 S. ELEVATION



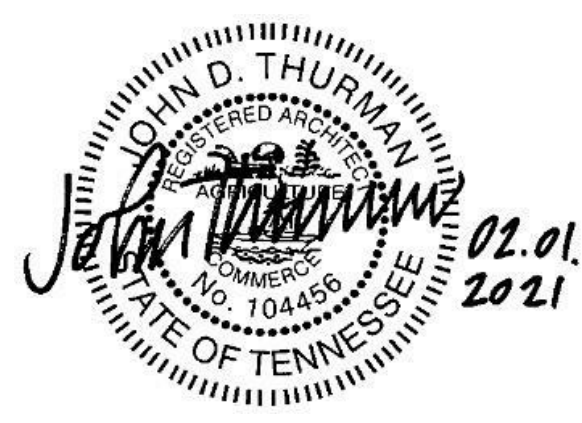
Project Information:

19018

COK PUBLIC SAFETY COMPLEX

900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:

Architects Design Group

#	ISSUE	DATE
2	ADD #02.1	02/17/21
3	ADD #03.1	02/24/21
4	ADD #04.1	03/03/21

Issue Date: FEBRUARY 01, 2021
PIC: DAVID COLLINS
PM: JOHN THURMAN
PA: LAUREN BUSH /
Drawn By: Author
Checked By: BP
Drawing Info:

A818.1

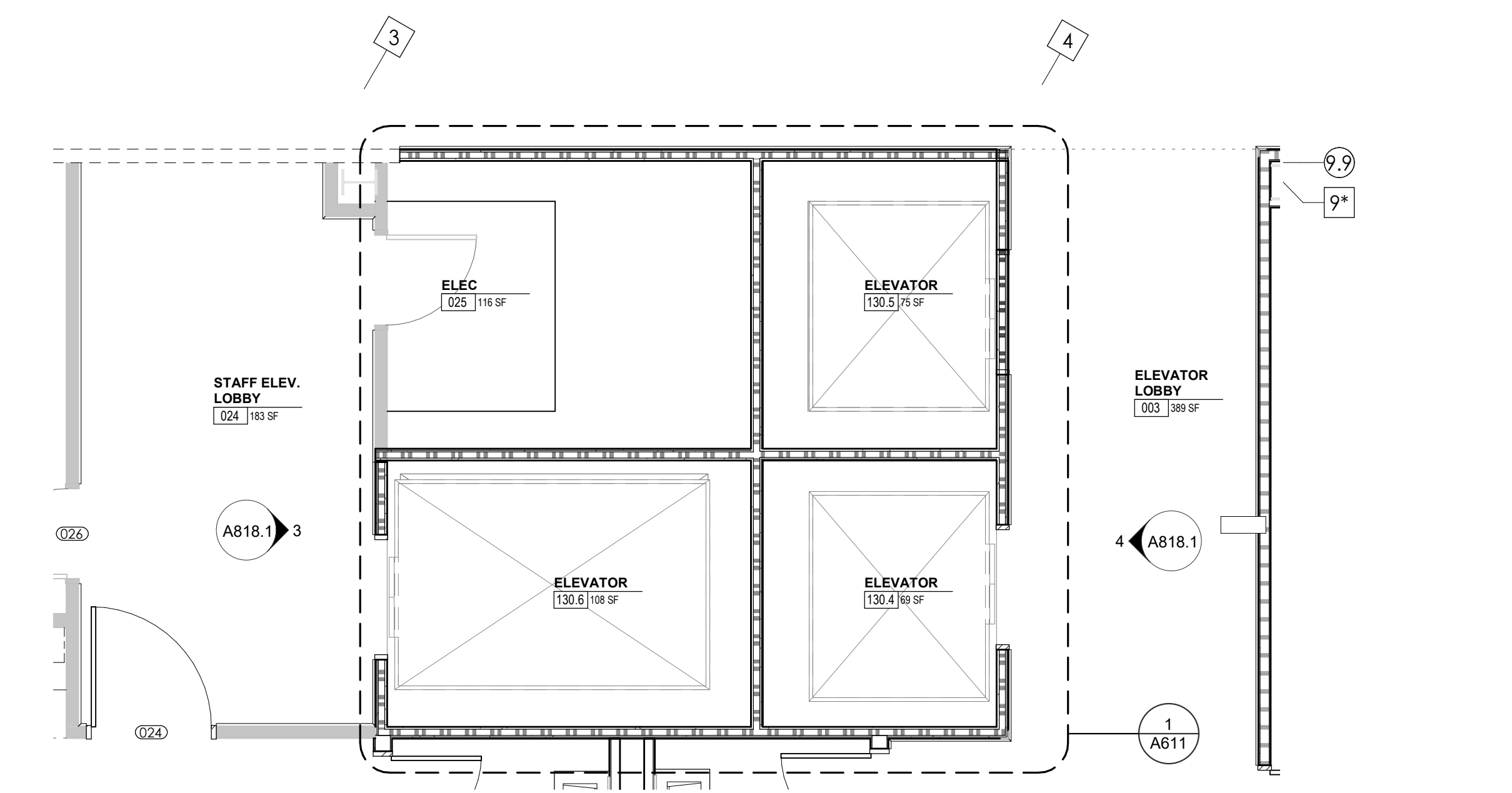
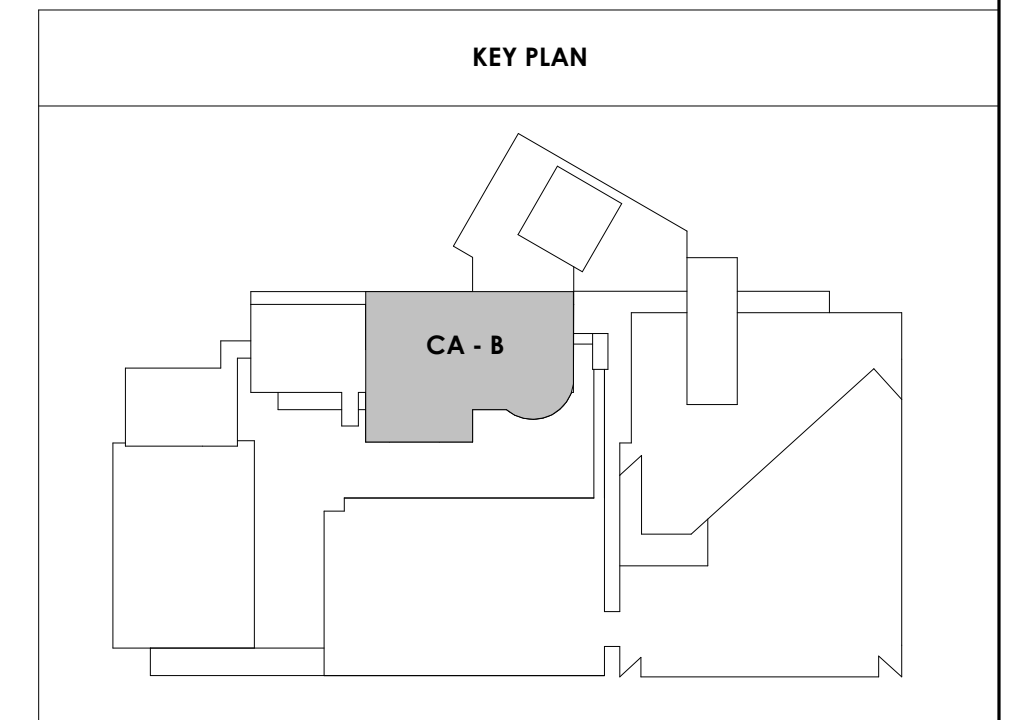
CA - ENLARGED PLANS AND ELEVATIONS ELEVATOR LOBBIES

REFLECTED CEILING PLAN LEGEND	
	24" x 24" ACOUSTICAL CEILING TILE GRID
	44" x 48" ACOUSTICAL CEILING TILE GRID
	GYPSUM BOARD CEILING
	WOOD PANEL CEILING
	EIFS SOFFIT
**SUSPENDED CEILING AND GRID TO MEET SEISMIC DESIGN REQUIREMENTS AND ASTM C635 AND ASTM C636 - REFER TO SPECIFICATIONS	
	CEILING TYPE INDICATOR
	CEILING HEIGHT AFF
	CEILING TYPE INDICATION
CEILING TYPES:	
	GYP - GYPSUM BOARD CEILING
	ACT - ACOUSTICAL TILE CEILING
	MTL - METAL PANEL SOFFIT
	EXP - EXPOSED TO STRUCTURE
	4" DIA. RECESSED CAN LIGHT
	AIMABLE DOWNLIGHT
	4" RECESSED WALL WASH DOWNLIGHT
	RAZOR WALL WASH DOWNLIGHT
	2 x 2 TROFFER
	LED STRIP
	SURFACE MOUNT STRIP LIGHT
	CONTINUOUS LINEAR LED DOWNLIGHT
	DIRECT-INDIRECT LINEAR PENDANT
	EXIT SIGN, SHADED QUADRANTS INDICATE NUMBER OF FACES, PROVIDE DIRECTIONAL ARROWS AS SHOWN.
	EMERGENCY LIGHT
	ED - WET LOCATION EXIT DISCHARGE LIGHT
	CEILING MOUNTED SPEAKER
	SPRINKLER HEAD, CENTER IN CEILING TILE (UNO)
	HVAC CEILING SUPPLY
	HVAC CEILING RETURN
	HVAC LINEAR SUPPLY
	HVAC LINEAR RETURN
	ACCESS PANEL

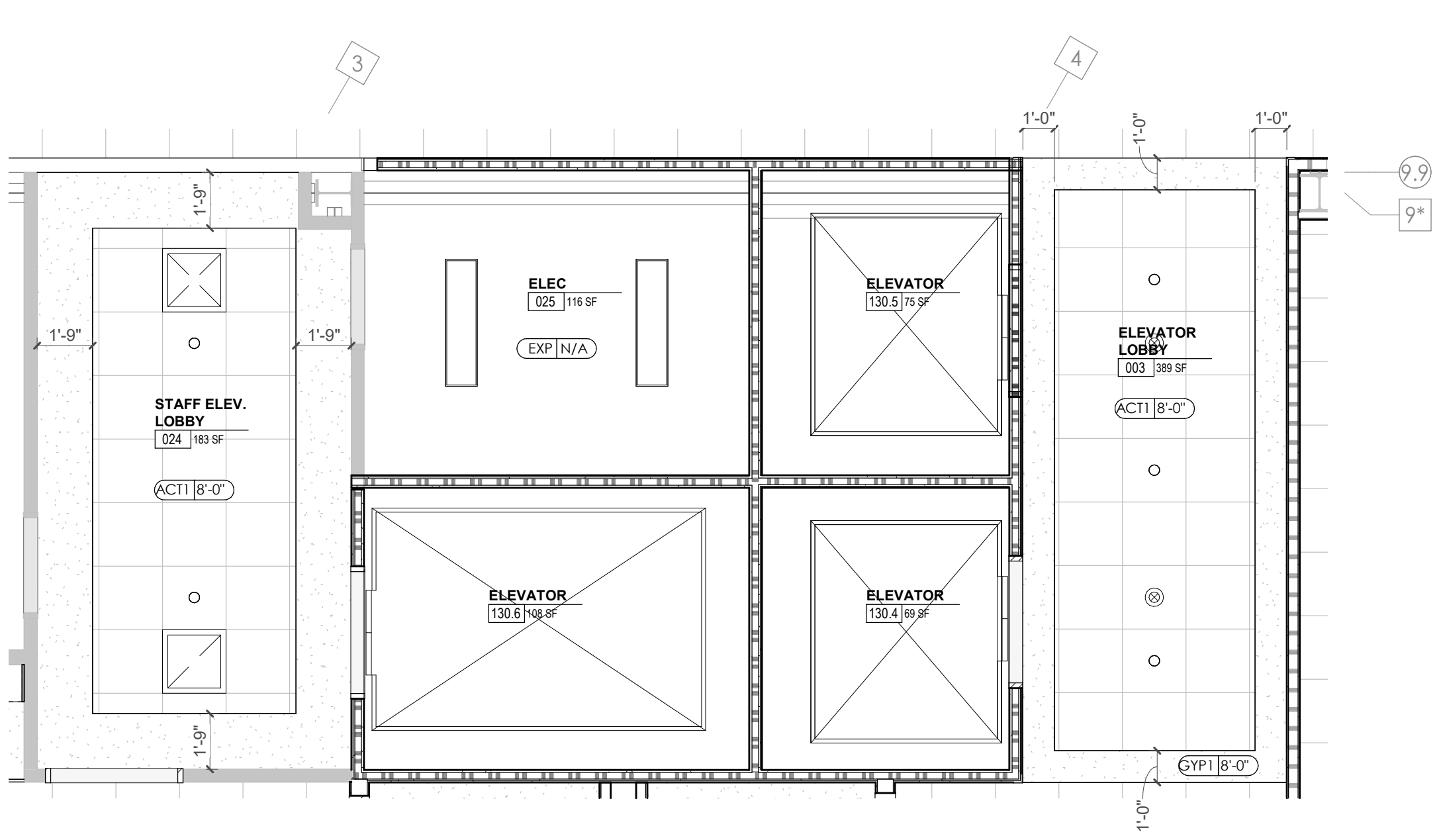
WALL LEGEND	
	2 HR PARTITION (ASSEMBLY VARIES)
	1 HR PARTITION (ASSEMBLY VARIES)
	BALLISTIC LEVEL 3 PARTITION (ASSEMBLY VARIES)
	NEW PARTITION (ASSEMBLY VARIES)
	EXISTING PARTITION
	EXISTING PARTITION TO BE DEMOLISHED

KEYNOTES - FLOOR PLANS	
1	SOFFIT ABOVE (DASHED)
2	EXISTING EGRESS STAIR TO REMAIN - PREP & PAINT EXISTING HANDRAILS, STAIR, & WALLS TO REMAIN
3	EXISTING ELEVATOR TO BE MODIFIED/REPLACED AS REQUIRED TO REACH ALL FOUR (4) FLOORS. SEE ELEVATOR PLANS & DETAILS SHEET FOR INFO.
4	EXISTING ELEVATOR - REFURBISH EQUIPMENT & CONTROLS, NEW FINISHES TO INTERIOR OF CAR AS REQ'D. SEE ELEVATOR PLANS & DETAILS SHEET FOR INFO.
5	NEW FLOOR DRAIN - REFER TO PLUMBING
6	SHADED AREA DENOTES NEW CONCRETE FLOOR SLAB - REFER TO STRUC.
7	BALLISTIC LEVEL 3 RATING AND GLAZING - CONT. TO 8'-0" AFF MIN.
8	MOBILE VEHICLE LIFT
9	OVERHEAD COILING DOOR. SEE MANUF. REQ'S
10	OWNER PROVIDED WOOD PEW SEATING - N.I.C.
11	OWNER PROVIDED 36" DEEP OPEN SHELVING - N.I.C.
12	18" x 24" x 72" HEAVY DUTY LOCKER WITH DRAWER/BENCH (TYPE 1)
13	18" x 24" x 72" HEAVY DUTY THREE-TIER LOCKERS (TYPE 2)
14	NEW PASS THRU LOCKERS - TYPE 3
15	RECESSED SIDE ARMS LOCKERS (ONE FOUR DOOR UNIT AT EACH DOOR)
16	PUBLIC WEAPONS STG LOCKERS - TABLET PHONE WALL LOCKERS WITH 12 DOORS (TYPE 5)
17	CANOPY ABOVE (DASHED)
18	OWNER PROVIDED DRYING CABINETS - N.I.C.
19	OWNER PROVIDED COPIER - N.I.C.
20	PROVIDE REQ. BLOCKING FOR LOCATIONS WHERE WALL MOUNTED TV MONITORS ARE LOCATED. REFER TO EQUIPMENT PLANS FOR LOCATIONS
21	PROVIDE REQ. BLOCKING FOR ALL MARKER BOARD LOCATIONS
22	KNOX BOX (RECESSED)
23	RECESSED CELL PHONE LOCKERS TO MATCH METAL WALL PANEL
24	METAL DETECTOR ENTRY SECURITY
25	MCP SINK - SEE PLUMBING
26	18" DEEP BOOKSHELVES
27	12" DEEP COUNTER ON L2X2X1/4" HEAVY DUTY WELDED ANGLE SUPPORT BRACKETS
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32	OPERABLE FOLDING PARTITION
33	NEW DROP BOX
34	HIGH LOW WATER COOLER
35	OWNER PROVIDED HIGH DENSITY MOBILE STORAGE SYSTEM AND OVERHANG LAB RAILS
36	6" DEEP SHELF
37	ABANDON EXISTING ELEVATOR
38	EXISTING FULL HEIGHT SPANDREL PANEL
39	TWO-WAY COMMINGATOR (BLACK FINISH), PROVIDE CUTSHEET AND VERIFY COLOR SELECTION WITH MFR PRIOR TO PURCHASE - BASIS OF DESIGN AUTHUS BY C.R. LAURENCE
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46	OWNER PROVIDED ICE MAKER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
47	NEW WATER HEATER - SEE PLUMBING
48	WALL MOUNTED MOP & BROOM HOLDER
49	APPLY TRANSlucent FILM TO INSIDE FACE OF GLAZING
50	IMPACT RESISTANT STEEL BOLLARD, GENERAL LOCATION SHOWN, COORDINATE LOCATION IN FIELD. REFER TO DETAIL 13AS400.
51	NEW CONCRETE RAMP. SEE SITE DETAILS AS400 & STRUCTURAL DRAWINGS FOR INFO.
52	NEW SHOOTING RANGE. SEE SHOOTING RANGE PLANS A108 FOR INFO.
53	PROVIDE WHEEL STOPS AT ACCESSIBLE PARKING LOCATIONS
54	NEW FOLDING ARM. SEE ELECTRICAL PLAN FOR ADDITIONAL INFORMATION
55	NEW BADGE IN ACCESS READER, SEE SHEET AS120 AND ELECTRICAL FOR ADDITIONAL INFORMATION
56	RESTRIP PARKING TO ACCOMMODATE FOR ACCESSIBLE PARKING SPACES SHOWN. REFER TO CIVIL FOR ADA SIGNAGE AND PARKING SYMBOLS
57	NEW TRENCH DRAIN - SEE PLUMBING
58	NEW HOSE BIB - SEE PLUMBING
59	EYE WASH - SEE PLUMBING
60	1" FLUSH FLOOR TO FLOOR 2 HR EXPANSION JOINT (TYPE 1) TO MATCH ADJACENT TILE - SEE STRUC AND DETAILS ON A111.2
61	1" FLUSH FLOOR TO FLOOR 2 HR EXPANSION JOINT (TYPE 2) TO MATCH ADJACENT CARPET - SEE STRUC AND DETAILS ON A111.2
62	1" FLUSH FLOOR TO WALL 2 HR EXPANSION JOINT (TYPE 3) TO MATCH ADJACENT CARPET - SEE STRUC AND DETAILS ON A111.2
63	1" FLUSH FLOOR TO WALL 2 HR EXPANSION JOINT (TYPE 4) TO MATCH ADJACENT TILE - SEE STRUC AND DETAILS ON A111.2
64	1" FLUSH WALL CEILING TO WALL CEILING EXPANSION JOINT (TYPE 5) TO MATCH ADJACENT PAINT COLOR - SEE STRUC AND DETAILS ON A111.2
65	1" EXPANSION JOINT (TYPE 6) TO MATCH ADJACENT BRICK - SEE STRUC AND DETAILS
66	ADA PUSH BUTTON
67	FLOOR BOX - VERIFY FINAL LOCATION PRIOR TO INSTALLATION W/ ARCHITECT, COORDINATE W/ SYSTEMS FURNITURE - SEE ELECTRICAL
68	OWNER PROVIDED VENDING MACHINE, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
69	CEILING MOUNTED TV, PROVIDE NECESSARY MOUNTING HARDWARE - SEE ELECTRICAL AND TELECOMMUNICATIONS
70	OWNER PROVIDED MICROWAVE, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
71	24" DEEP STAINLESS PASS THROUGH COUNTER INSTALLED 34" A.F.F. SEE ENLARGED PLANS FOR INFO.

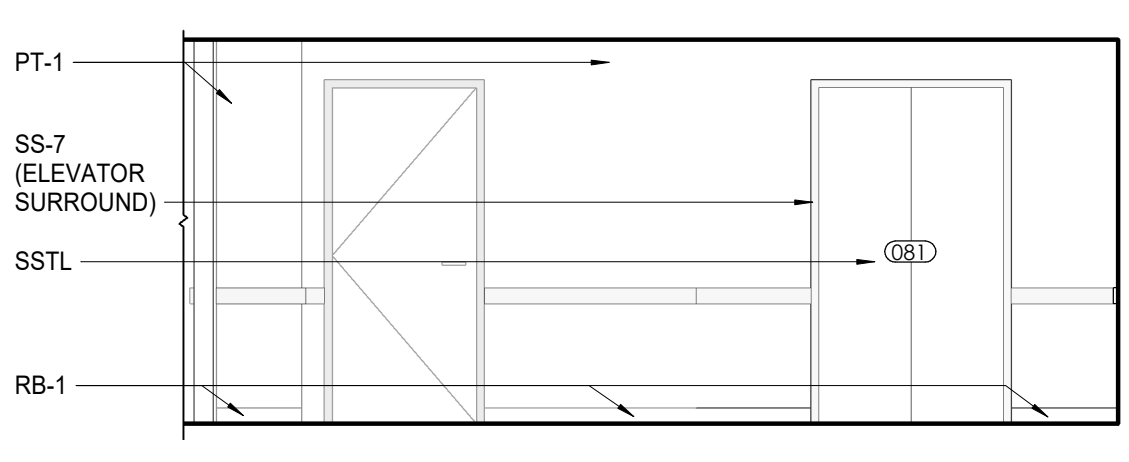
KEYNOTES - REFLECTED CEILING PLAN	
Tag	Text
1	6" PREFINISHED ALUMINUM TRIM AT PERIMETER
2	6" INTEGRATED ALUMINUM TECHZONE CHANNEL - LIGHTING AND MECHANICAL SUPPLY/RETURN
3	OPERABLE WALL PARTITION
4	ROLLER WINDOW SHADES AT ALL EXTERIOR WORKSPACE WINDOWS - TYP
5	GYP. BD. SOFFIT AT PERIMETER
6	6" PREFORMED ALUMINUM COVE REVEAL
7	1" PREFORMED ALUMINUM REVEAL
8	EXISTING LIGHT FIXTURES IN GARAGES TO REMAIN
9	LOCATION OF CLERESTORY WINDOWS ABOVE 9'-0" GYP. BD. SOFFIT
10	EXISTING LIGHT FIXTURES TO BE REINSTALLED IN NEW CEILING TILE AND GRID - VERIFY EXISTING FIXTURE LOCATIONS IN FIELD
11	LOCKERS BELOW (DASHED)
12	NEW FABRICATED STAINLESS STEEL PAN WITH RUBBERIZED COATING. SLOPED TOWARD DRAIN UNDER WATER HEATER IN ADJACENT ROOM. SEE SECTION FOR INFO.
13	PROVIDE NEW GYP. BD. SOFFIT ON EXISTING MTL. STUD SOFFIT FRAMING TO REMAIN - VERIFY IN FIELD
14	BLACK OUT ROLLER WINDOW SHADES AT ALL EXTERIOR CLASSROOM WINDOWS - TYP
15	PATCH AND REPLACE EXISTING EIFS SOFFIT AS REQUIRED TO COMPLETE THE WORK
16	NEW MANUAL OVERHEAD COILING DOOR & FRAME, 45 MIN RATED.
17	REMOVE EXISTING EIFS SOFFIT AND PROVIDE NEW SUSPENDED EIFS SOFFIT WITH R-30 BATT INSULATION IN OVERHANG CAVITY



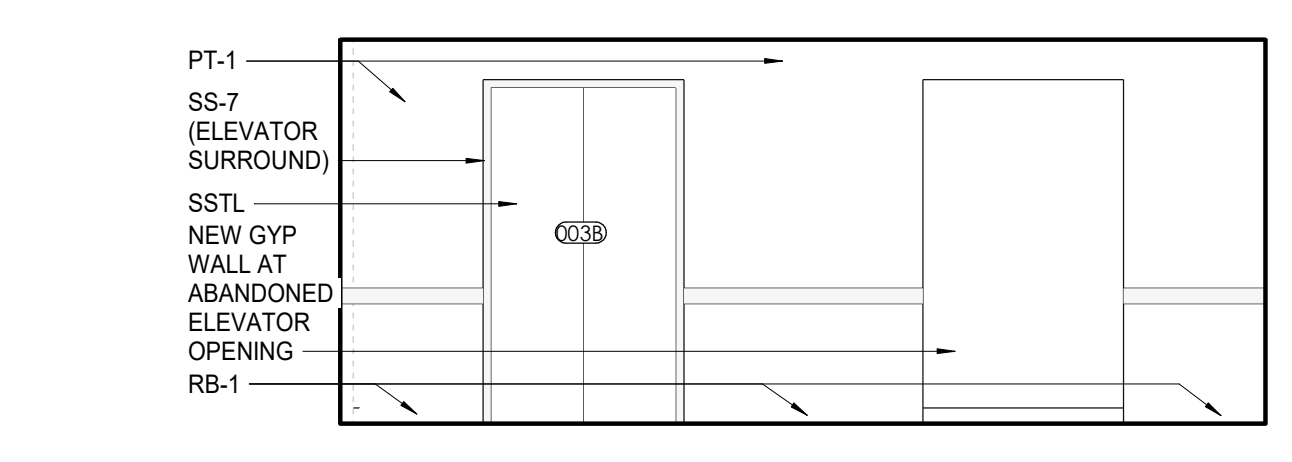
1 ENLARGED PLAN - CA LL3 - ELEVATOR LOBBIES
A818.1 1/4" = 1'-0"



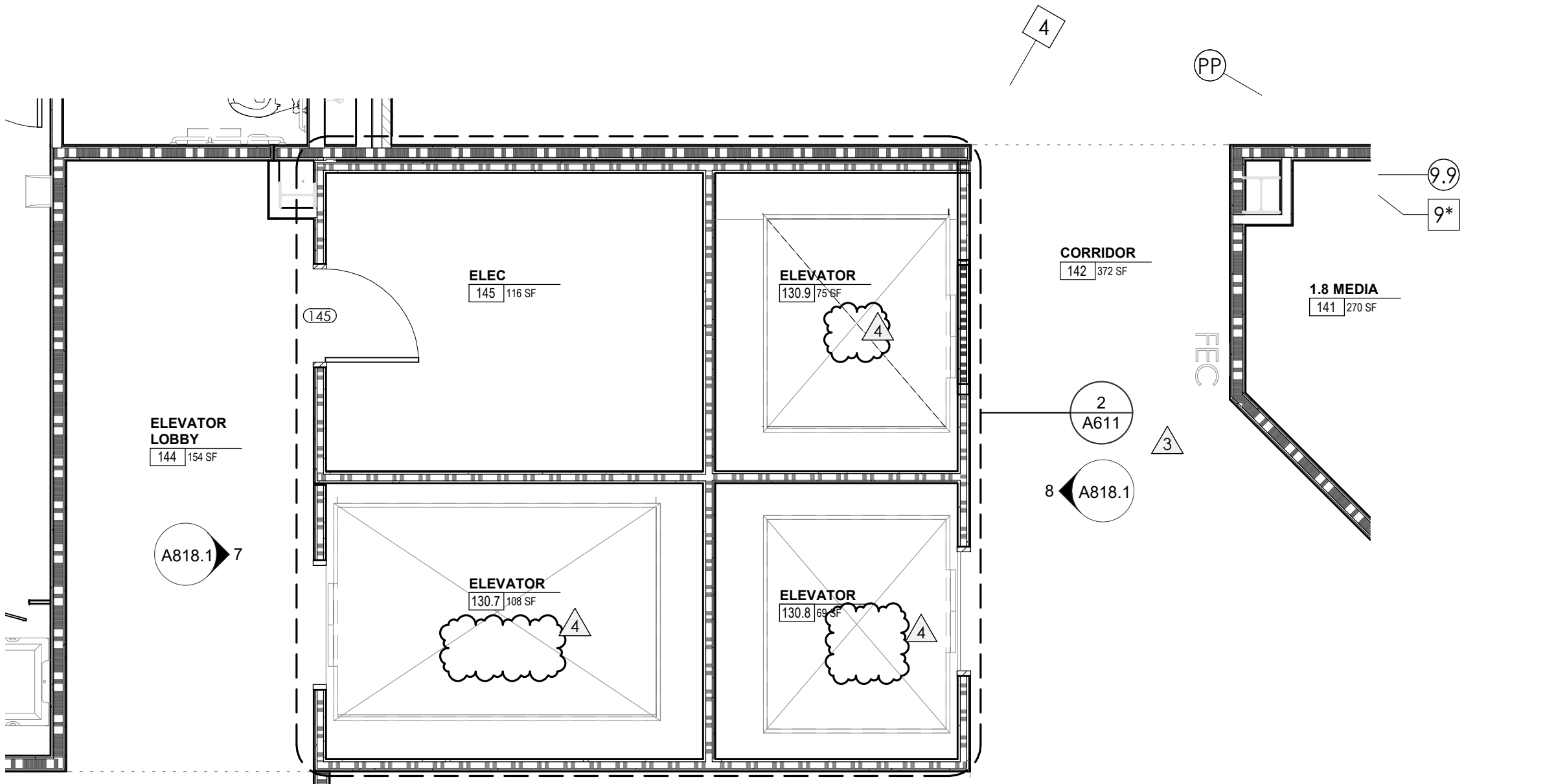
2 ENLARGED RCP - CA LL3 - ELEVATOR LOBBIES
A818.1 1/4" = 1'-0"



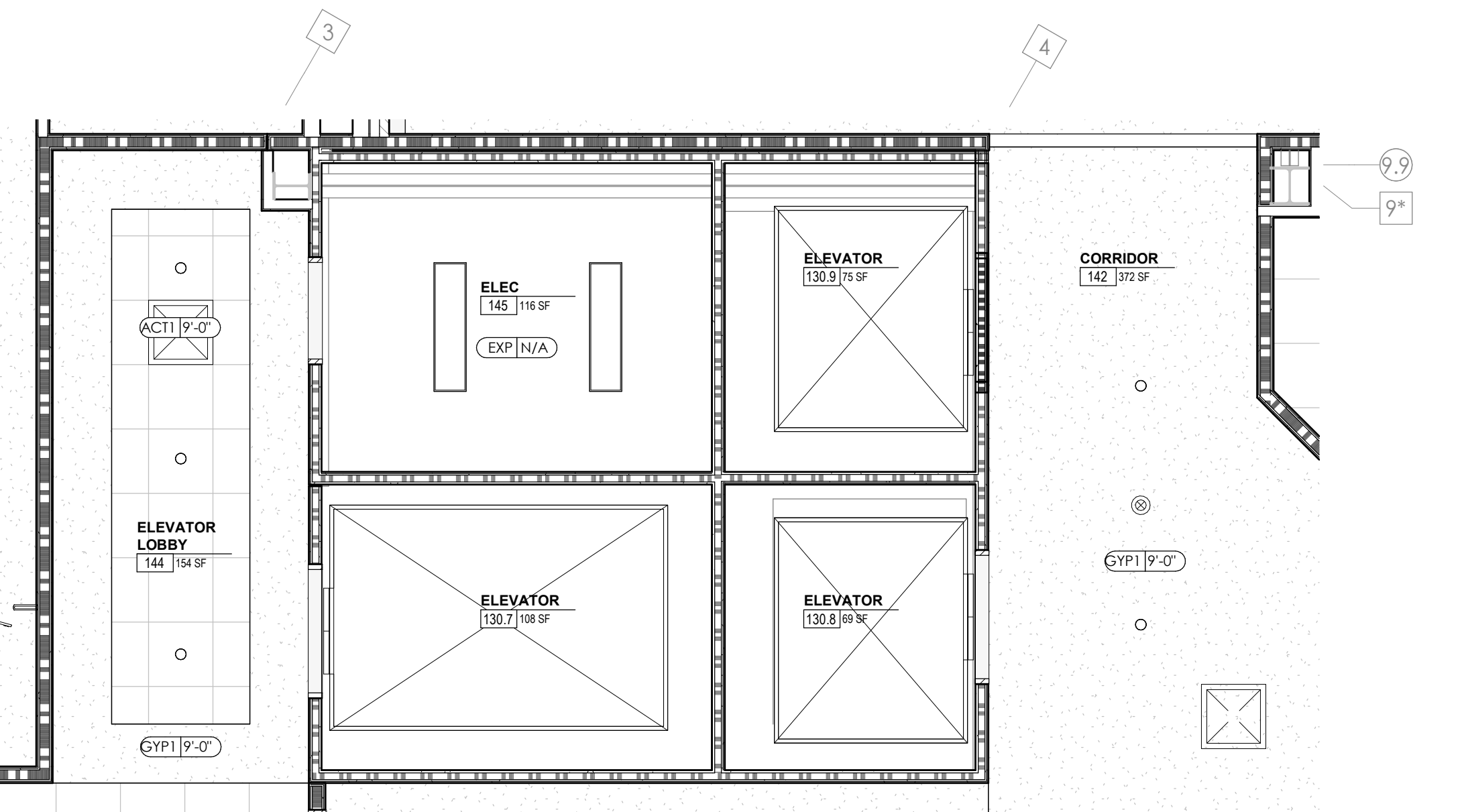
3 CA - LL3 - STAFF ELEVATOR LOBBY 024 E. ELEVATION
A818.1 1/4" = 1'-0"



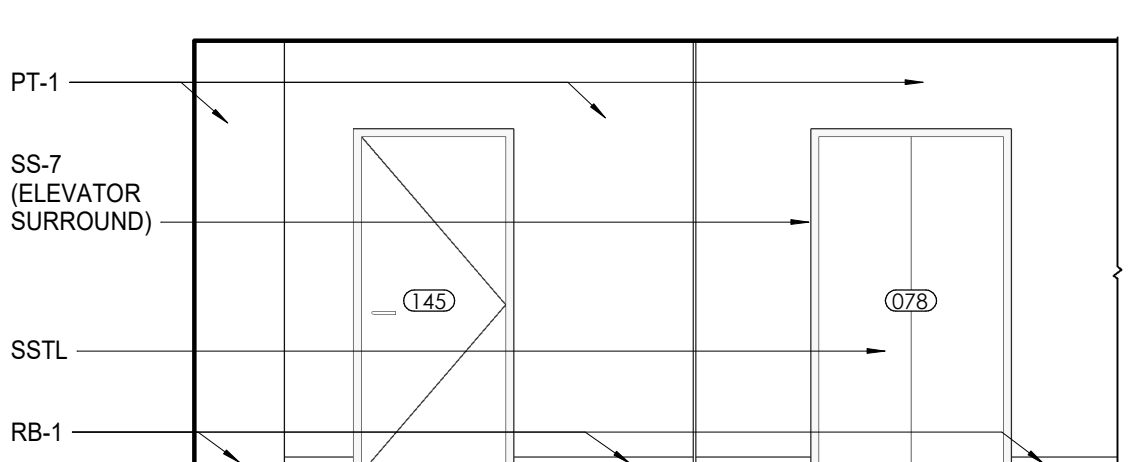
4 CA - LL3 - ELEVATOR LOBBY 003 W. ELEVATION
A818.1 1/4" = 1'-0"



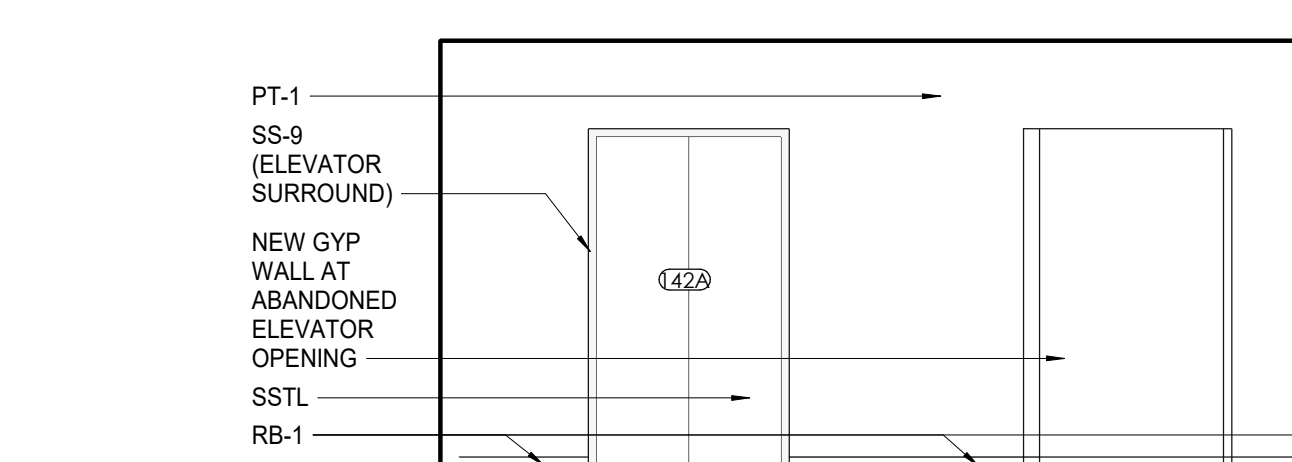
5 ENLARGED PLAN - CA LL2 - ELEVATOR LOBBIES
A818.1 1/4" = 1'-0"



6 ENLARGED RCP - CA LL2 - ELEVATOR LOBBIES
A818.1 1/4" = 1'-0"



7 CA - LL2 - ELEVATOR LOBBY 144 E. ELEVATION
A818.1 1/4" = 1'-0"



8 CA - LL2 - ELEVATOR LOBBY / CORRIDOR 142 W. ELEVATION
A818.1 1/4" = 1'-0"



Project Information:

19018

COK PUBLIC SAFETY COMPLEX

900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:

Architects Design Group

#	ISSUE	DATE
2	ADD #02.1	02/17/21
3	ADD #03.1	02/24/21
4	ADD #04.1	03/03/21

Issue Date: FEBRUARY 01, 2021

PK: DAVID COLLINS

PM: JOHN THURMAN

PA: LAUREN BUSH /

Drawn By: Author

Checked By: BP

Drawing Info:

A818.2

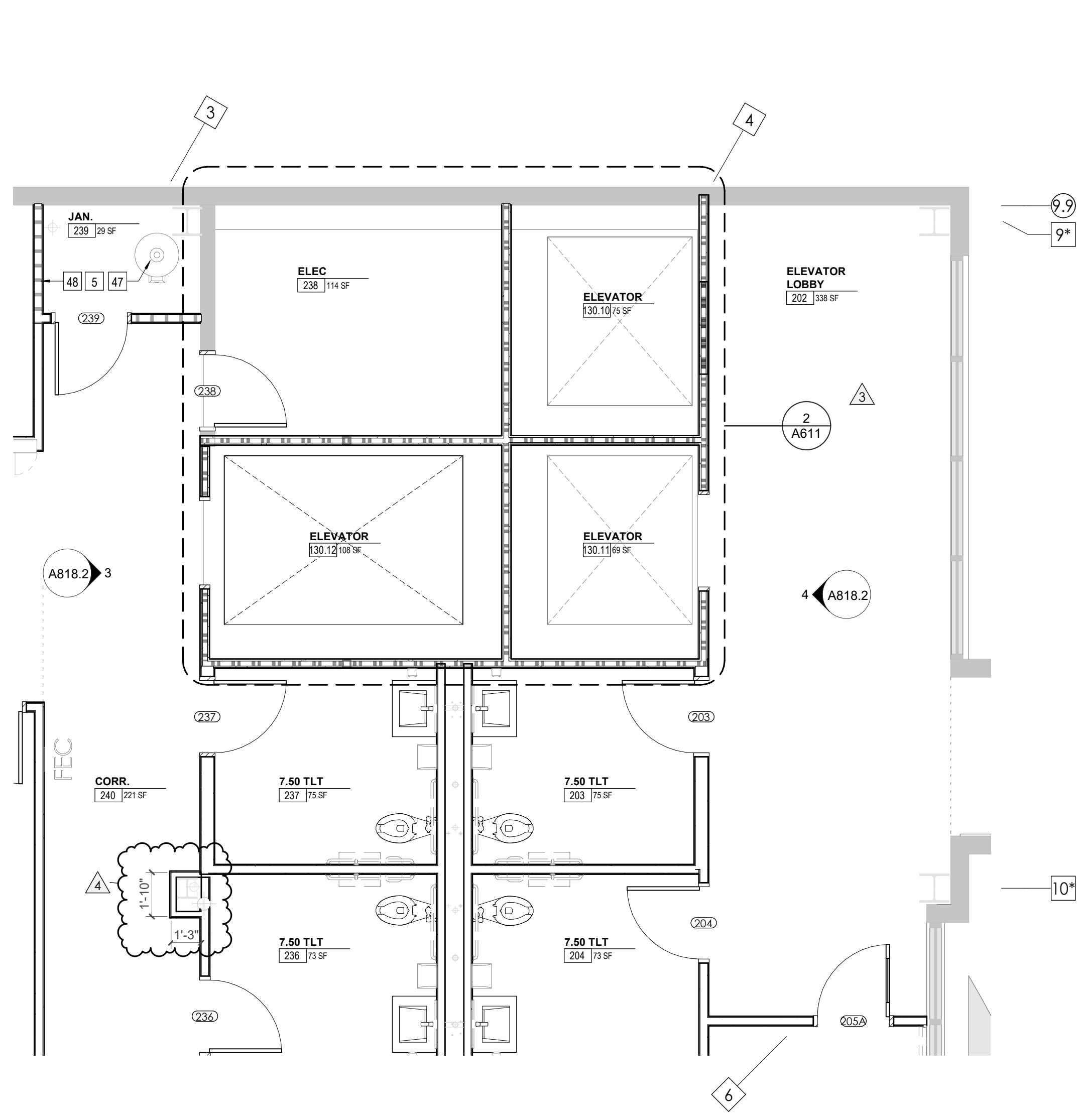
CA - ENLARGED PLANS AND ELEVATIONS
ELEVATOR LOBBIES

REFLECTED CEILING PLAN LEGEND	
	24' x 24' ACOUSTICAL CEILING TILE GRID
	44' x 48' ACOUSTICAL CEILING TILE GRID
	GYPSUM BOARD CEILING
	WOOD PANEL CEILING
	EIFS SOFFIT
	CEILING TYPE INDICATOR
	CEILING HEIGHT AFF
	CEILING TYPE INDICATION
CEILING TYPES:	
	GYP: GYPSUM BOARD CEILING
	ACT: ACOUSTICAL TILE CEILING
	MTL: METAL PANEL SOFFIT
	EXP: EXPOSED TO STRUCTURE
	4" DIA. RECESSED CAN LIGHT
	AIMABLE DOWNLIGHT
	4" RECESSED WALL WASH DOWNLIGHT
	RAZOR WALL WASH DOWNLIGHT
	2 x 2 TROFFER
	LED STRIP
	SURFACE MOUNT STRIP LIGHT
	CONTINUOUS LINEAR LED DOWNLIGHT
	DIRECT-INDIRECT LINEAR PENDANT
	EXIT SIGN, SHADED QUADRANTS INDICATE NUMBER OF FACES, PROVIDE DIRECTIONAL ARROWS AS SHOWN.
	EMERGENCY LIGHT
	ED - WET LOCATION EXIT DISCHARGE LIGHT
	CEILING MOUNTED SPEAKER
	SPRINKLER HEAD, CENTER IN CEILING TILE (UND)
	HVAC CEILING SUPPLY
	HVAC CEILING RETURN
	HVAC LINEAR SUPPLY
	HVAC LINEAR RETURN
	ACCESS PANEL

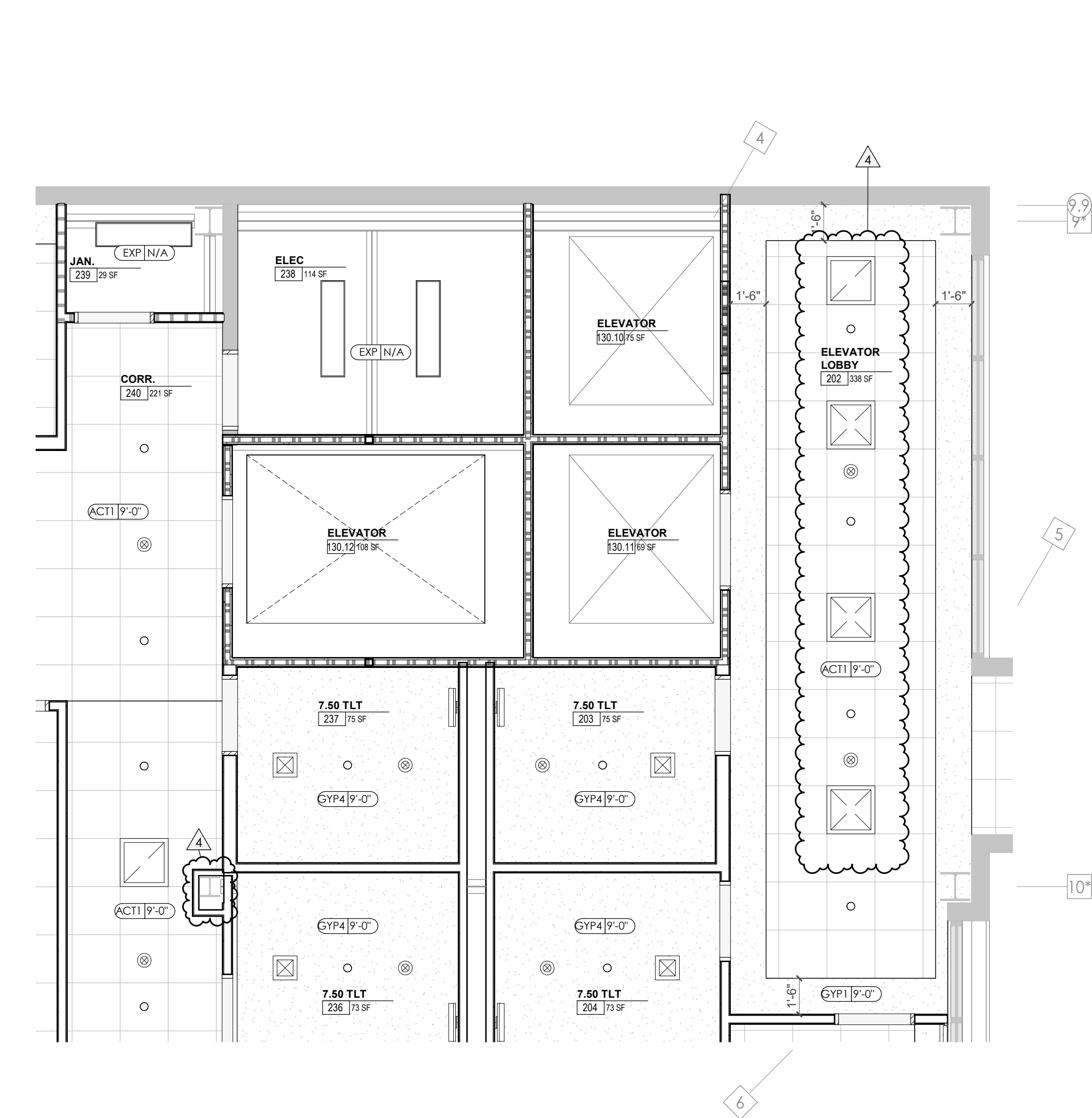
KEYNOTES - REFLECTED CEILING PLAN	
Tag	Text
1	6" PREFINISHED ALUMINUM TRIM AT PERIMETER
2	6" INTEGRATED ALUMINUM TECHZONE CHANNEL - LIGHTING AND MECHANICAL SUPPLY RETURN
3	OPERABLE WALL PARTITION
4	ROLLER WINDOW SHADES AT ALL EXTERIOR WORKSPACE WINDOWS - TYP
5	GYP. BD. SOFFIT AT PERIMETER
6	6" PREFORMED ALUMINUM COVE REVEAL
7	1" PREFORMED ALUMINUM REVEAL
8	EXISTING LIGHT FIXTURES IN GARAGES TO REMAIN
9	LOCATION OF CLOSETORY WINDOWS ABOVE 8'-0" GYP. BD. SOFFIT.
10	EXISTING LIGHT FIXTURES TO BE REINSTALLED IN NEW CEILING TILE AND GRID - VERIFY EXISTING FIXTURE LOCATIONS IN FIELD
11	LOCKERS BELOW (DASHED)
12	NEW FABRICATED STAINLESS STEEL PAN WITH RUBBERIZED COATING, SLOPED TOWARD DRAIN UNDER WATER HEATER IN ADJACENT ROOM. SEE SECTION FOR INFO.
13	PROVIDE NEW GYP. BD. SOFFIT ON EXISTING MTL. STUD SOFFIT FRAMING TO REMAIN - VERIFY IN FIELD
14	BLACK OUT ROLLER WINDOW SHADES AT ALL EXTERIOR CLASSROOM WINDOWS - TYP
15	PATCH AND REPLACE EXISTING EIFS SOFFIT AS REQUIRED TO COMPLETE THE WORK
16	NEW MANUAL OVERHEAD COILING DOOR & FRAME, 45 MIN RATED.
17	REMOVE EXISTING EIFS SOFFIT AND PROVIDE NEW SUSPENDED EIFS SOFFIT WITH R-30 BATT INSULATION IN OVERHANG CAVITY

WALL LEGEND	
	2 HR PARTITION (ASSEMBLY VARIES)
	1 HR PARTITION (ASSEMBLY VARIES)
	BALLISTIC LEVEL 3 PARTITION (ASSEMBLY VARIES)
	NEW PARTITION (ASSEMBLY VARIES)
	EXISTING PARTITION
	EXISTING PARTITION TO BE DEMOLISHED

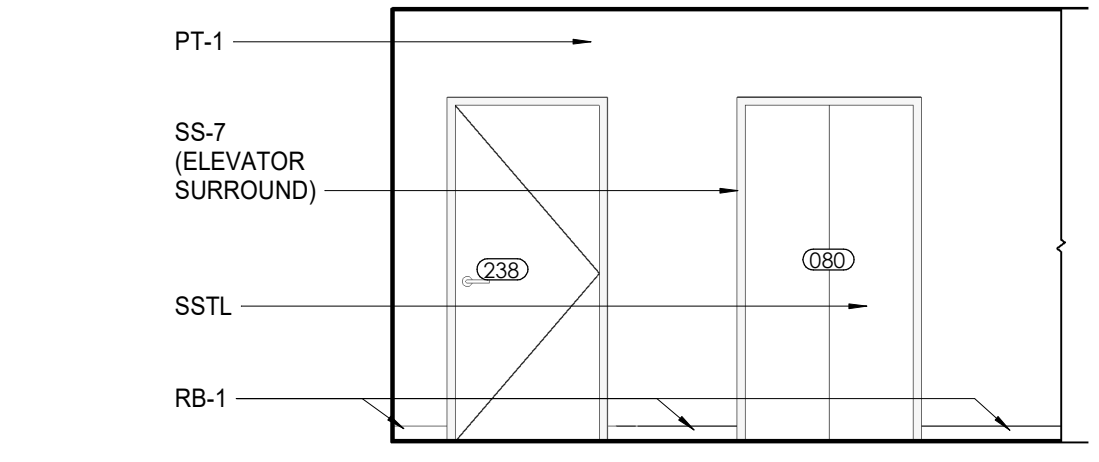
KEYNOTES - FLOOR PLANS	
TAG	TEXT
1	SOFFIT ABOVE (DASHED)
2	EXISTING EGRESS STAIR TO REMAIN - PREP & PAINT EXISTING HANDRAILS, STAIR, & WALLS TO REMAIN
3	EXISTING ELEVATOR TO BE MODIFIED/REPLACED AS REQUIRED TO REACH ALL FOUR (4) FLOORS. SEE ELEVATOR PLANS & DETAILS SHEET FOR INFO.
4	EXISTING ELEVATOR - REFURBISH EQUIPMENT & CONTROLS, NEW FINISHES TO INTERIOR OF CAR AS REQ'D. SEE ELEVATOR PLANS & DETAILS SHEET FOR INFO.
5	NEW FLOOR DRAIN - REFER TO PLUMBING
6	SHADED AREA DENOTES NEW CONCRETE FLOOR SLAB - REFER TO STRUC.
7	BALLISTIC LEVEL 3 RATING AND GLAZING - CONT. TO 8'-0" AFF MIN.
8	MOBILE VEHICLE LIFT
9	OVERHEAD COILING DOOR SEE MANUF. REQ'S
10	OWNER PROVIDED WOOD PEW SEATING - N.I.C.
11	OWNER PROVIDED 36" DEEP OPEN SHELVING - N.I.C.
12	18" X 24" X 72" HEAVY DUTY LOCKER WITH DRAWER/BENCH (TYPE 1)
13	18" X 24" X 72" HEAVY DUTY THREE-TIER LOCKERS (TYPE 2)
14	NEW PASS THRU LOCKERS - TYPE 3
15	RECESSED SIDE ARMS LOCKERS (ONE FOUR DOOR UNIT AT EACH DOOR)
16	PUBLIC WEAPONS STG LOCKERS - TABLET PHONE WALL LOCKERS WITH 12 DOORS (TYPE 5)
17	CANOPY ABOVE (DASHED)
18	OWNER PROVIDED DRYING CABINETS - N.I.C.
19	OWNER PROVIDED COPIER - N.I.C.
20	PROVIDE REQ. BLOCKING FOR LOCATIONS WHERE WALL MOUNTED TV MONITORS ARE LOCATED. REFER TO EQUIPMENT PLANS FOR LOCATIONS
21	PROVIDE REQ. BLOCKING FOR ALL MARKER BOARD LOCATIONS
22	KNOX BOX (RECESSED)
23	RECESSED CELL PHONE LOCKERS TO MATCH METAL WALL PANEL
24	METAL DETECTOR ENTRY SECURITY
25	MCP SINK - SEE PLUMBING
26	18" DEEP BOOKSHELVES
27	12" DEEP COUNTER ON L2X2X1/4" HEAVY DUTY WELDED ANGLE SUPPORT BRACKETS
28	24" DEEP COUNTER ON L2X2X1/4" HEAVY DUTY WELDED ANGLE SUPPORT BRACKETS
29	30" DEEP COUNTER ON L2X2X1/4" HEAVY DUTY WELDED ANGLE SUPPORT BRACKETS
30	18" DEEP COUNTER ON L2X2X1/4" HEAVY DUTY WELDED ANGLE SUPPORT BRACKETS
31	PROVIDE NEW HANDRAILS, GUARDRAILS AND EGRESS STAIR ILLUMINATION. PREP AND PAINT EXISTING STAIR & WALLS TO REMAIN
32	OPERABLE FOLDING PARTITION
33	NEW DROP BOX
34	HIGH LOW WATER COOLER
35	OWNER PROVIDED HIGH DENSITY MOBILE STORAGE SYSTEM AND OVERSH LAB RAILS
36	6" DEEP SHELF
37	ABANDON EXISTING ELEVATOR
38	EXISTING FULL HEIGHT SPANDREL PANEL
39	TWO-WAY COMMUNICATOR (BLACK FINISH), PROVIDE CUTSHEET AND VERIFY COLOR SELECTION WITH MFR PRIOR TO PURCHASE - BASIS OF DESIGN AUTHUS BY C. R. LAURENCE
40	OWNER PROVIDED REFRIGERATOR, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
41	OWNER PROVIDED REFRIGERATOR UNDERCOUNTER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
42	OWNER PROVIDED BUNN COFFEE MAKER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
43	OWNER PROVIDED MICROWAVE UNDERCOUNTER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
44	OWNER PROVIDED UNDERCOUNTER DISHWASHER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
45	OWNER PROVIDED COOKTOP AND HOOD, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
46	OWNER PROVIDED ICE MAKER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
47	NEW WATER HEATER - SEE PLUMBING
48	WALL MOUNTED MOP & BROOM HOLDER
49	APPLY TRANSLUCENT FILM TO INSIDE FACE OF GLAZING
50	IMPACT RESISTANT STEEL BOLLARD, GENERAL LOCATION SHOWN, COORDINATE LOCATION IN FIELD. REFER TO DETAIL 13A300.
51	NEW CONCRETE RAMP, SEE SITE DETAILS A8400 & STRUCTURAL DRAWINGS FOR INFO.
52	NEW SHOOTING RANGE, SEE SHOOTING RANGE PLANS A108 FOR INFO.
53	PROVIDE WHEEL STOPS AT ACCESSIBLE PARKING LOCATIONS
54	NEW FOLDING ARM, SEE ELECTRICAL PLAN FOR ADDITIONAL INFORMATION
55	NEW BADGE IN ACCESS READER, SEE SHEET A5100 AND ELECTRICAL FOR ADDITIONAL INFORMATION
56	RESTRIPED PARKING TO ACCOMMODATE FOR ACCESSIBLE PARKING SPACES SHOWN. REFER TO CIVIL FOR ADA SIGNAGE AND PARKING SYMBOLS
57	NEW TRENCH DRAIN - SEE PLUMBING
58	NEW HOSE BIB - SEE PLUMBING
59	EYE WASH - SEE PLUMBING
60	1" FLUSH FLOOR TO FLOOR 2 HR EXPANSION JOINT (TYPE 1) TO MATCH ADJACENT TILE - SEE STRUC AND DETAILS ON A111.2
61	1" FLUSH FLOOR TO FLOOR 2 HR EXPANSION JOINT (TYPE 2) TO MATCH ADJACENT CARPET - SEE STRUC AND DETAILS ON A111.2
62	1" FLUSH FLOOR TO WALL 2 HR EXPANSION JOINT (TYPE 3) TO MATCH ADJACENT CARPET - SEE STRUC AND DETAILS ON A111.2
63	1" FLUSH FLOOR TO WALL 2 HR EXPANSION JOINT (TYPE 4) TO MATCH ADJACENT TILE - SEE STRUC AND DETAILS ON A111.2
64	1" FLUSH WALL CEILING TO WALL CEILING EXPANSION JOINT (TYPE 5) TO MATCH ADJACENT PAINT COLOR - SEE STRUC AND DETAILS ON A111.2
65	1" EXPANSION JOINT (TYPE 6) TO MATCH ADJACENT BRICK - SEE STRUC AND DETAILS
66	ADA PUSH BUTTON
67	FLOOR BOX - VERIFY FINAL LOCATION PRIOR TO INSTALLATION W/ ARCHITECT, COORDINATE W/ SYSTEMS FURNITURE - SEE ELECTRICAL
68	OWNER PROVIDED VENDING MACHINE, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
69	CEILING MOUNTED TV, PROVIDE NECESSARY MOUNTING HARDWARE - SEE ELECTRICAL AND TELECOMMUNICATIONS
70	OWNER PROVIDED MICROWAVE, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
71	24" DEEP STAINLESS PASS THROUGH COUNTER INSTALLED 34" A.F.F. SEE ENLARGED PLANS FOR INFO.



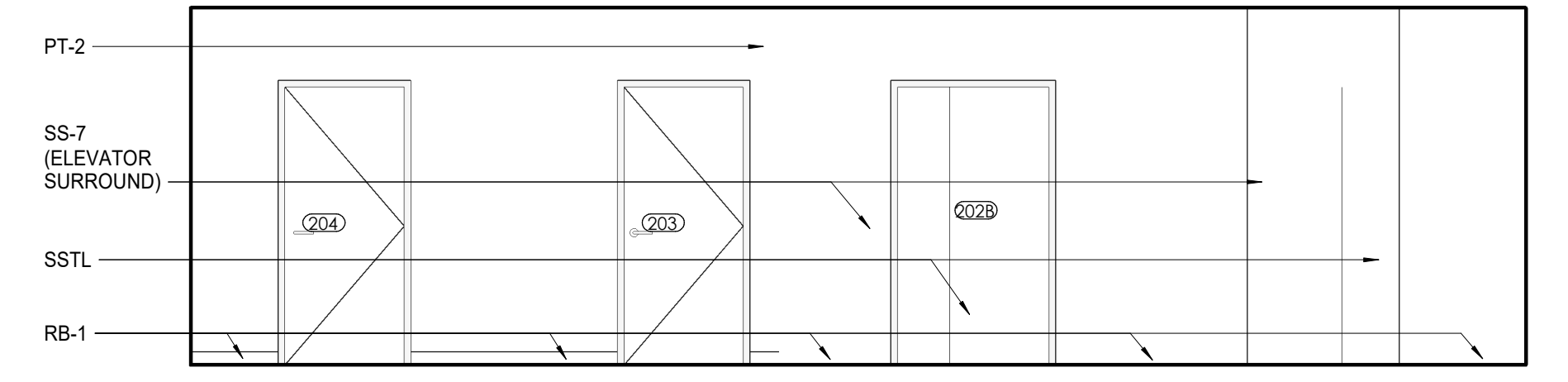
1 ENLARGED PLAN - CA - LL1 & GROUND TYP. ELEVATOR LOBBIES
A818.2 1/4" = 1'-0"



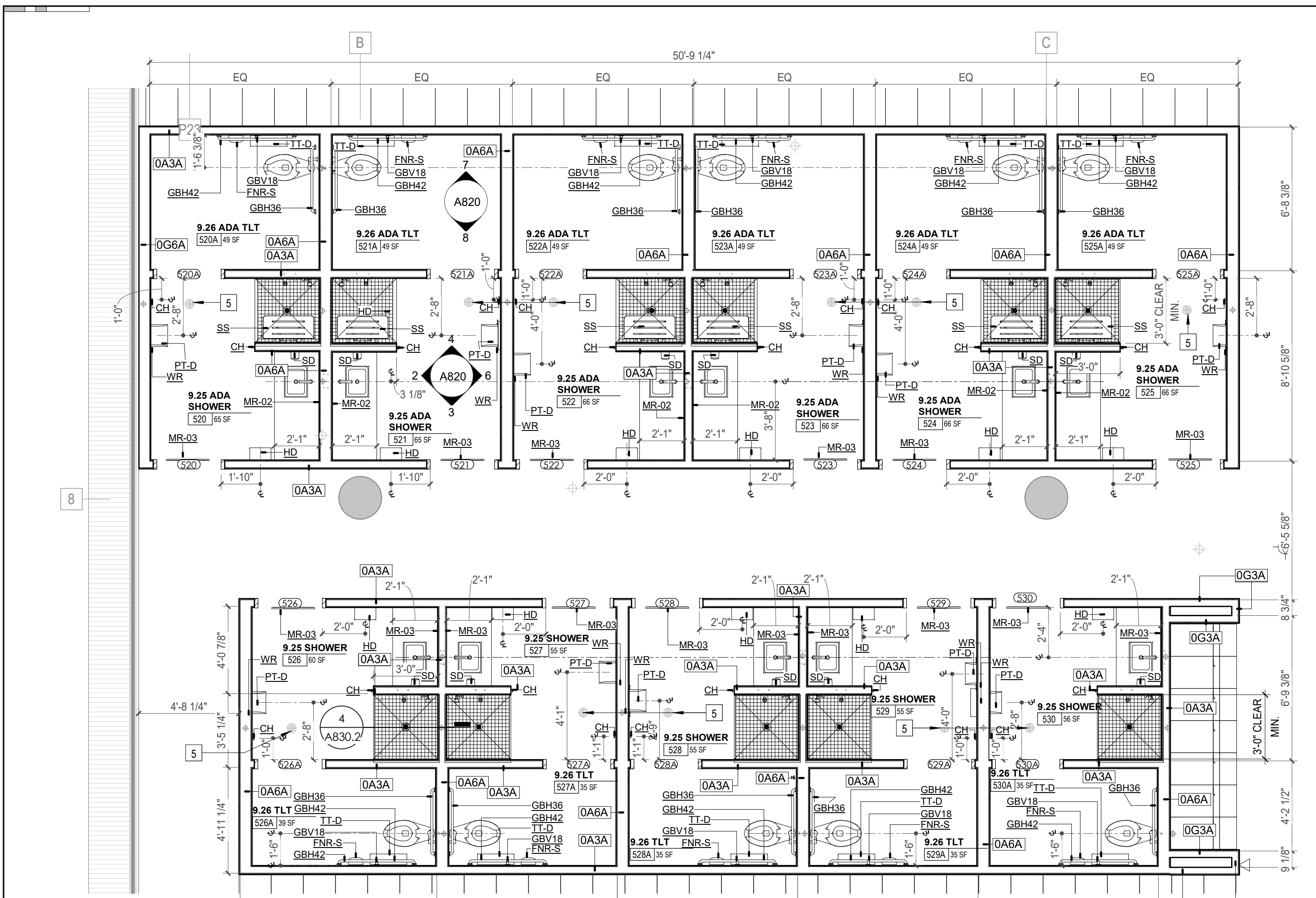
2 ENLARGED RCP - CA - LL1 & GROUND TYP. ELEVATOR LOBBIES
A818.2 1/4" = 1'-0"



3 CA - LL2 - STAFF ELEVATOR LOBBY E. ELEVATION
A818.2 1/4" = 1'-0"



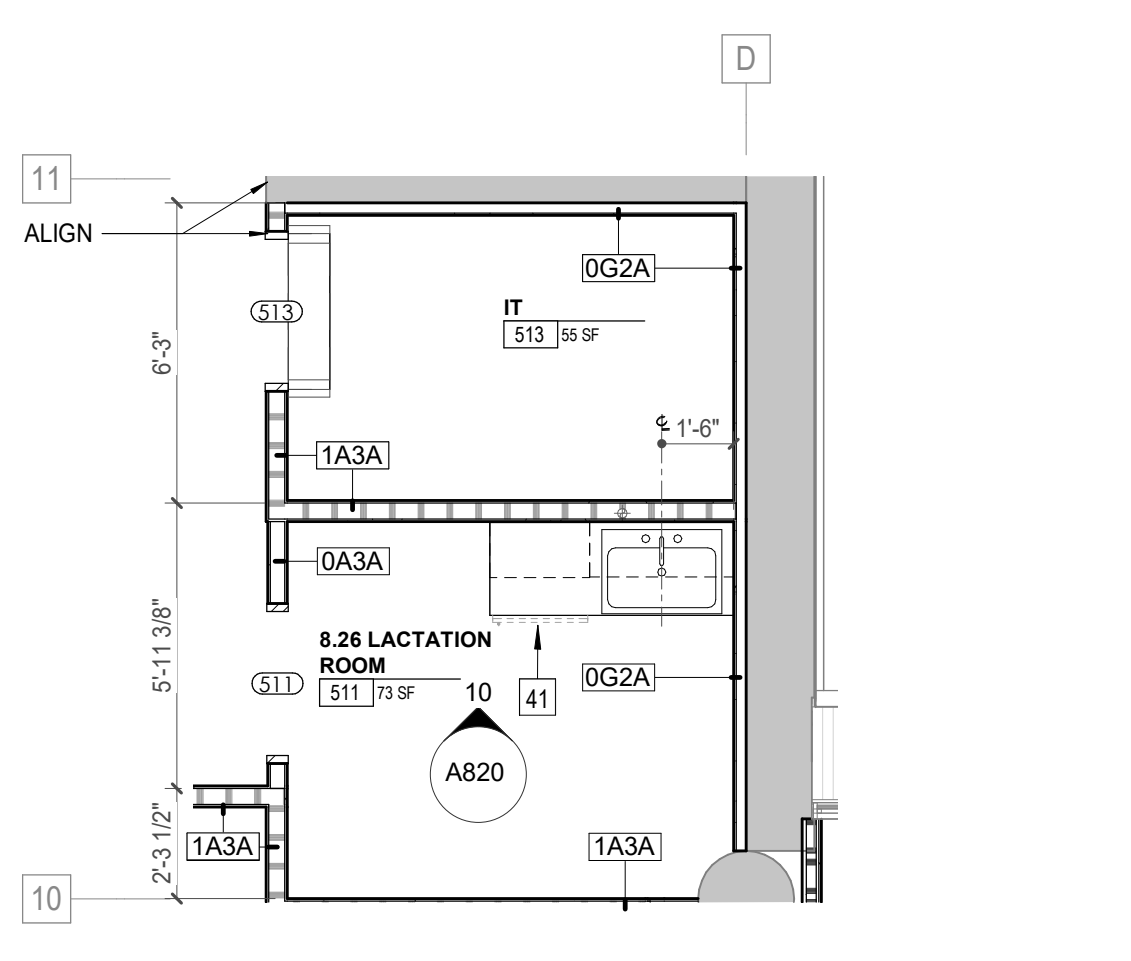
4 CA - LL2 - ELEVATOR LOBBY 202 W. ELEVATION
A818.2 1/4" = 1'-0"



1 ENLARGED PLAN - POB - LEVEL 5 - TOILET ROOMS & SHOWERS ENLARGED PLAN
1/4" = 1'-0"

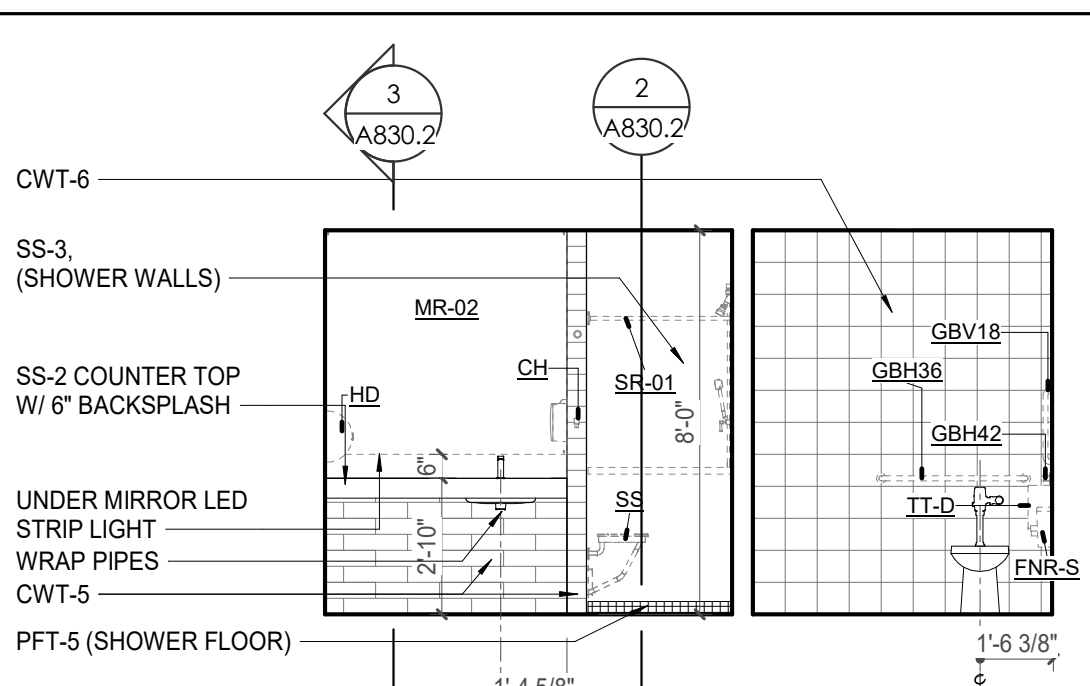


5 ENLARGED RCP - POB - LEVEL 5 - TOILET ROOMS & SHOWERS
1/4" = 1'-0"

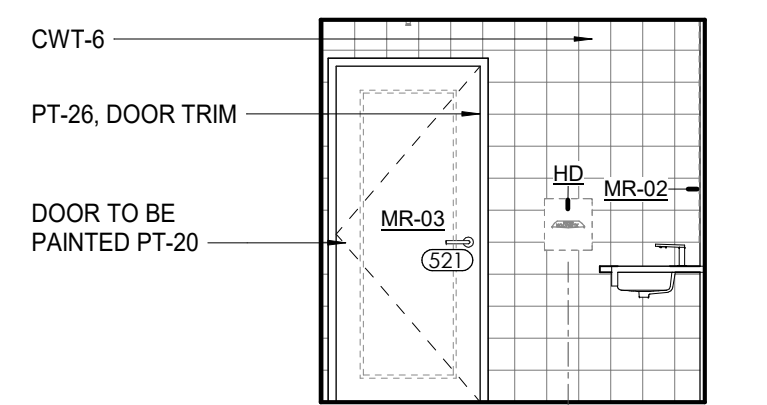


9 ENLARGED PLAN - POB - LEVEL 5 - LACTATION ROOM
1/4" = 1'-0"

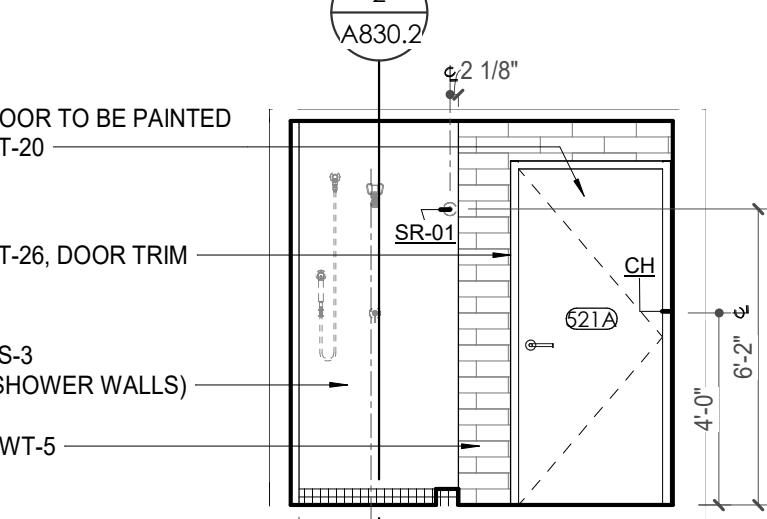
10 POB - LEVEL 5 - LACTATION ROOM S. ELEVATION
1/4" = 1'-0"



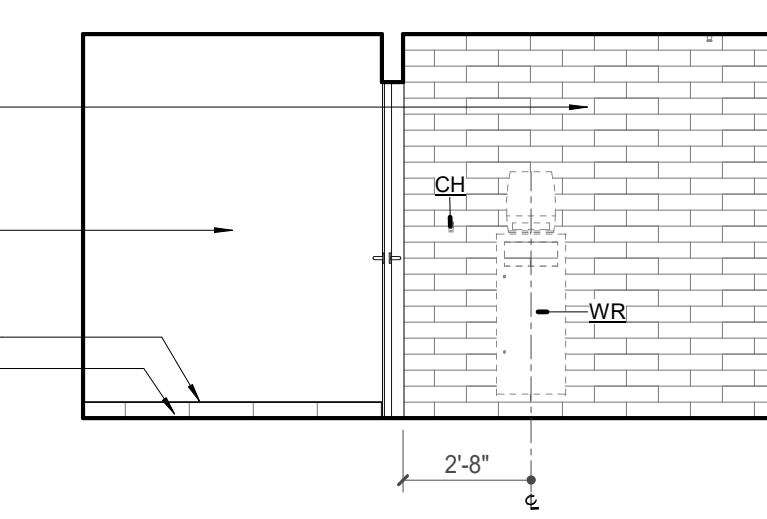
2 POB - LEVEL 5 - TYPICAL TLTL / SHOWER WEST ELEVATION
1/4" = 1'-0"



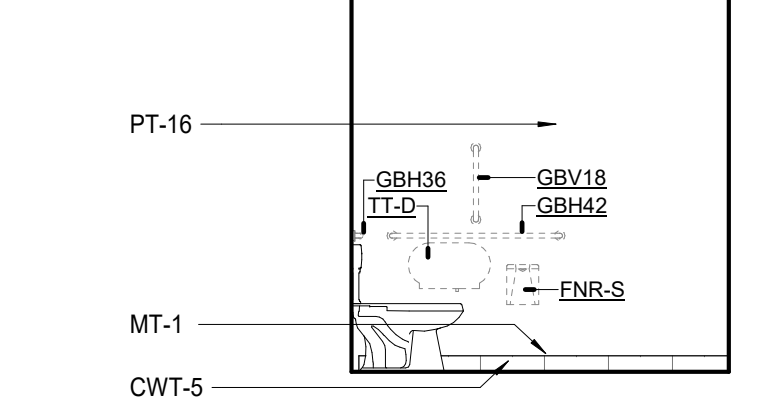
3 POB - LEVEL 5 - TYPICAL SHOWER SOUTH ELEVATION
1/4" = 1'-0"



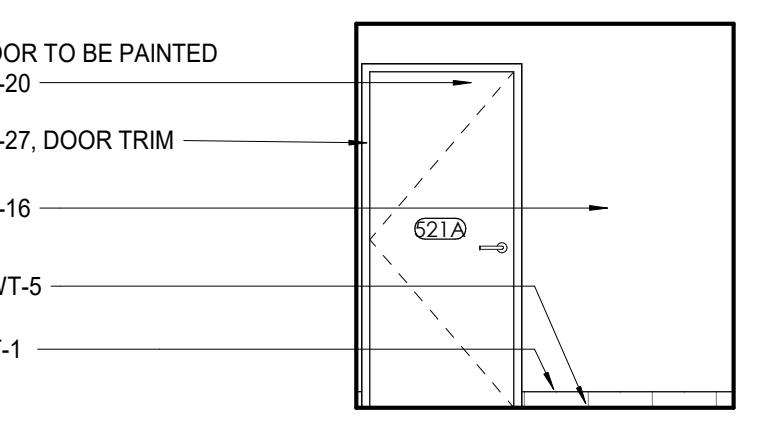
4 POB - LEVEL 5 - TYPICAL SHOWER NORTH ELEVATION
1/4" = 1'-0"



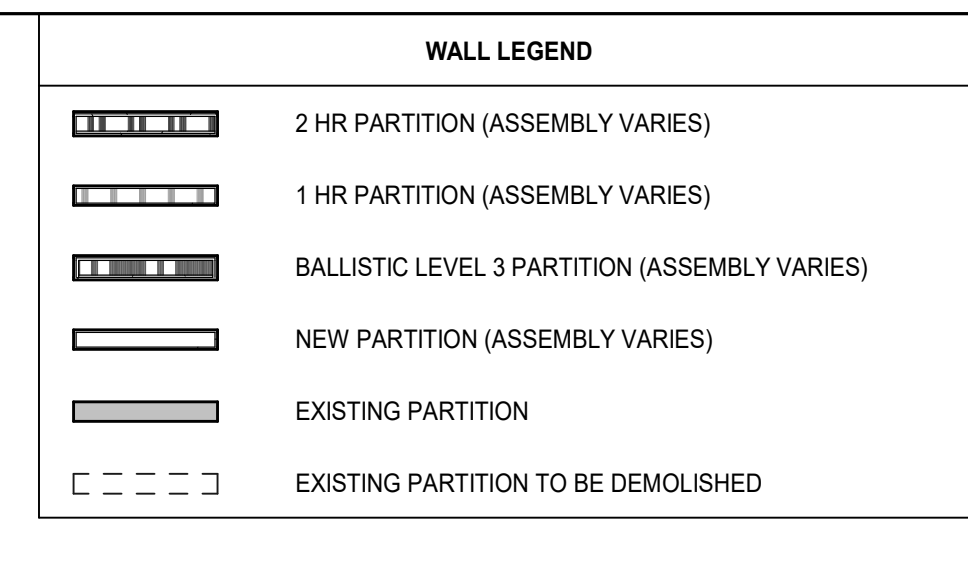
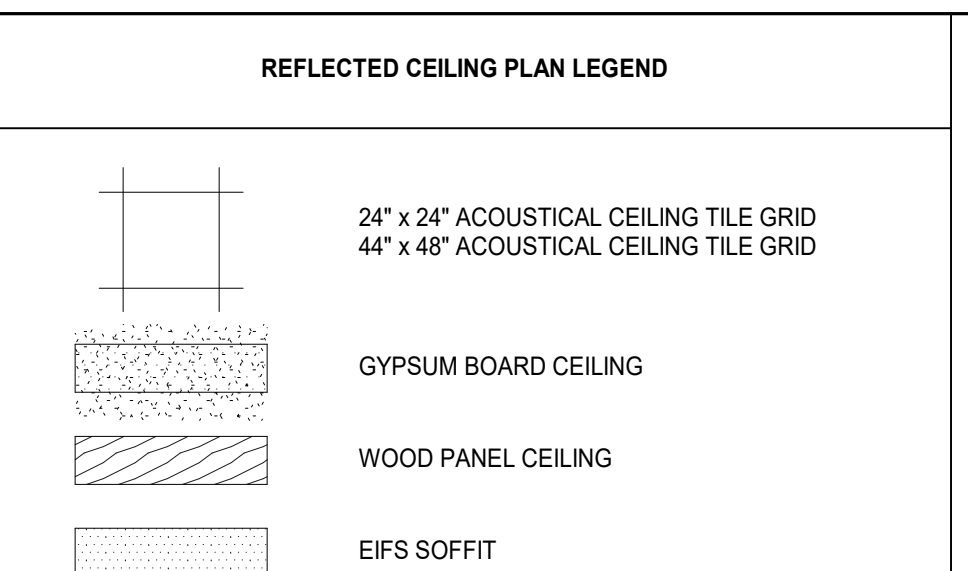
6 POB - LEVEL 5 - TYPICAL TLTL / SHOWER EAST ELEVATION
1/4" = 1'-0"



7 POB - LEVEL 5 - TYPICAL TLTL NORTH ELEVATION
1/4" = 1'-0"



8 POB - LEVEL 5 - TYPICAL TLTL SOUTH ELEVATION
1/4" = 1'-0"



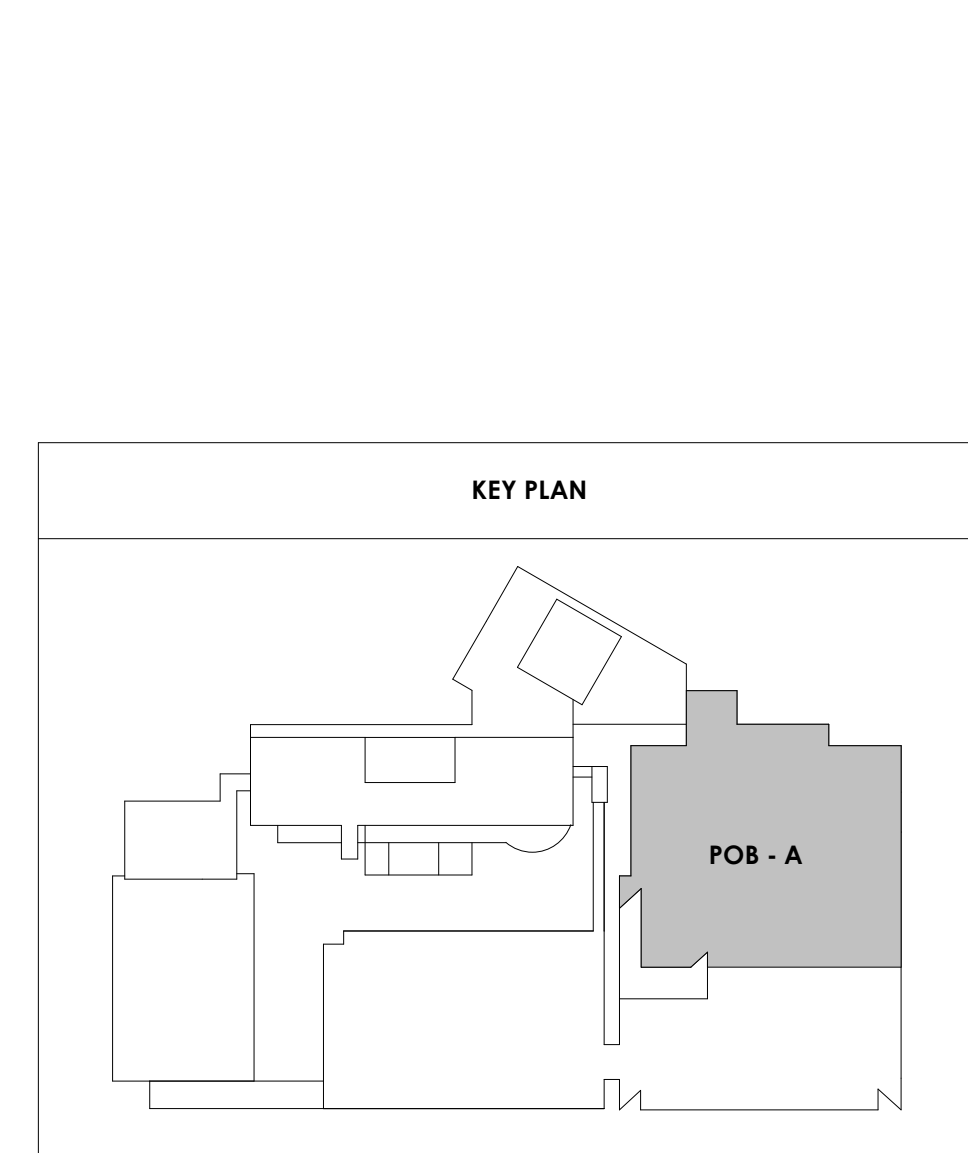
- **SUSPENDED CEILING AND GRID TO MEET SEISMIC DESIGN REQUIREMENTS AND ASTM C635 AND ASTM C636 - REFER TO SPECIFICATIONS
- CEILING TYPES:
 GYP : GYPSUM BOARD CEILING
 ACT : ACOUSTICAL TILE CEILING
 MTL : METAL PANEL SOFFIT
 EXP : EXPOSED TO STRUCTURE
 4" DIA. RECESSED CAN LIGHT
 AIMABLE DOWNLIGHT
 4" RECESSED WALL WASH DOWNLIGHT
 RAZOR WALL WASH DOWNLIGHT
 2 X 2 TROFFER
- LED STRIP
 SURFACE MOUNT STRIP LIGHT
 CONTINUOUS LINEAR LED DOWNLIGHT
 DIRECT-INDIRECT LINEAR PENDANT
- EXIT SIGN, SHADED QUADRANTS INDICATE NUMBER OF FACES, PROVIDE DIRECTIONAL ARROWS AS SHOWN.
- EMERGENCY LIGHT
 ED - WET LOCATION EXIT DISCHARGE LIGHT
- CEILING MOUNTED SPEAKER
 SPRINKLER HEAD, CENTER IN CEILING TILE (UNO)
- HVAC CEILING SUPPLY
 HVAC CEILING RETURN
 HVAC LINEAR SUPPLY
 HVAC LINEAR RETURN
- ACCESS PANEL

- KEYNOTES - REFLECTED CEILING PLAN
- | Tag | Text |
|-----|--|
| 1 | 6" PREFINISHED ALUMINUM TRIM AT PERIMETER |
| 2 | 6" INTEGRATED ALUMINUM TECHZONE CHANNEL - LIGHTING AND MECHANICAL SUPPLY RETURN |
| 3 | OPERABLE WALL PARTITION |
| 4 | ROLLER WINDOW SHADES AT ALL EXTERIOR WORKSPACE WINDOWS - TYP |
| 5 | GYP. BD. SOFFIT AT PERIMETER |
| 6 | 6" PREFORMED ALUMINUM COVE REVEAL |
| 7 | 6" PREFORMED ALUMINUM REVEAL |
| 8 | EXISTING LIGHT FIXTURES TO REMAIN |
| 9 | LOCATION OF CLEARESTORY WINDOWS ABOVE 9'-0" GYP. BD. SOFFIT. |
| 10 | EXISTING LIGHT FIXTURES TO BE REINSTALLED IN NEW CEILING TILE AND GRID - VERIFY EXISTING FIXTURE LOCATIONS IN FIELD |
| 11 | LOCKERS BELOW (DASHED) |
| 12 | NEW FABRICATED STAINLESS STEEL PAN WITH RUBBERIZED COATING, SLOPED TOWARD DRAIN UNDER WATER HEATER IN ADJACENT ROOM. SEE SECTION FOR INFO. |
| 13 | PROVIDE NEW GYP. BD. SOFFIT ON EXISTING MTL STUD SOFFIT FRAMING TO REMAIN - VERIFY IN FIELD |
| 14 | BLACK OUT ROLLER WINDOW SHADES AT ALL EXTERIOR CLASSROOM WINDOWS - TYP |
| 15 | PATCH AND REPLACE EXISTING EIFS SOFFIT AS REQUIRED TO COMPLETE THE WORK |
| 16 | NEW MANUAL OVERHEAD COILING DOOR & FRAME, 45 MIN RATED. REMOVE EXISTING EIFS SOFFIT AND PROVIDE NEW SUSPENDED EIFS SOFFIT WITH R-30 BATT INSULATION IN OVERHANG CAVITY |
| 17 | |

TOILET ACCESSORIES LEGEND

MARK	DESCRIPTION
GBH42	42" HORIZONTAL GRAB BAR, ADA, COLOR: STAINLESS STEEL
GBH36	36" HORIZONTAL GRAB BAR, ADA, COLOR: STAINLESS STEEL
GBV18	18" VERTICAL GRAB BAR, ADA, COLOR: STAINLESS STEEL
MR-01	24" X 36" MIRROR, BLACK FRAME
MR-02	LOCKER ROOM FRAMELESS MIRROR
MR-03	20" X 59" MIRROR, DOOR MOUNTED, BLACK FRAME
FNR-S	FEMININE NAPKIN RECEPTACLE, SURFACE-MTD, FINISH: STAINLESS STEEL
TT-D	TOILET TISSUE, DOUBLE-ROLL DISPENSER, FINISH: BLACK
HD	HAND DRYER, WALL-MOUNTED, FINISH: BLACK
PT-D	AUTOMATIC PAPER TOWEL DISPENSER, WALL-MTD, FINISH BLACK
WR	WASTE RECEPTACLE, FINISH: BLACK
CS	CHANGING STATION, FINISH: STAINLESS STEEL
CH	COAT HOOK, FINISH: BLACK
SR-01	36" SHOWER ROD, FINISH: BLACK
SR-02	60" SHOWER ROD, FINISH: BLACK
SS	SHOWER SEAT, PER ADA, FINISH: PHENOLIC

- KEYNOTE - FLOOR PLAN
- | TAG | TEXT |
|-----|---|
| 1 | SOFFIT ABOVE (DASHED) |
| 2 | EXISTING EGRESS STAIR TO REMAIN - PREP & PAINT EXISTING HANDRAILS, STAIR, & WALLS TO REMAIN |
| 3 | EXISTING ELEVATOR TO BE MODIFIED (REPLACED AS REQUIRED TO REACH ALL FOUR (4) FLOORS). SEE ELEVATOR PLANS & DETAILS SHEET FOR INFO. |
| 4 | EXISTING ELEVATOR - REBUBBISH EQUIPMENT & CONTROLS. NEW FINISHES TO INTERIOR OF CAR AS REQ'D. SEE ELEVATOR PLANS & DETAILS SHEET FOR INFO. |
| 5 | NEW FLOOR DRAIN - REFER TO PLUMBING |
| 6 | SHADED AREA DENOTES NEW CONCRETE SLAB - REFER TO STRUC. |
| 7 | BALLISTIC LEVEL 3 RATING AND GLAZING - 8" 0" AFF MIN. |
| 8 | MOBILE VEHICLE LIFT |
| 9 | OVERHEAD COILING DOOR |
| 10 | OWNER PROVIDED WOOD PEW SEATING - N.I.C. |
| 11 | OWNER PROVIDED 36" DEEP OPEN SHELVING - N.I.C. |
| 12 | 18" X 24" X 72" HEAVY DUTY LOCKER WITH DRAWER BENCH (TYPE 1) |
| 13 | 18" X 24" X 72" HEAVY DUTY THREE TIER LOCKERS (TYPE 2) |
| 14 | NEW PASS THRU LOCKERS - TYPE 3 |
| 15 | RECESSED SIDE ARMS LOCKERS (ONE FOUR DOOR UNIT AT EACH DOOR) |
| 16 | PUBLIC WEAPONS STG LOCKERS - TABLET PHONE WALL LOCKERS WITH 12 DOORS (TYPE 5) |
| 17 | CANOPY ABOVE (DASHED) |
| 18 | OWNER PROVIDED SYSTEMS FURNITURE - N.I.C. |
| 19 | OWNER PROVIDED COPIER - N.I.C. |
| 20 | PROVIDE REQ. BLOCKING FOR LOCATIONS WHERE WALL MOUNTED TV MONITORS ARE LOCATED. REFER TO EQUIPMENT PLANS & DETAILS SHEET FOR INFO. |
| 21 | PROVIDE REQ. BLOCKING FOR ALL MARKER BOARD LOCATIONS |
| 22 | KNOX BOX (RECESSED) |
| 23 | RECESSED CELL PHONE LOCKERS TO MATCH METAL WALL PANEL |
| 24 | METAL DETECTOR ENTRY SECURITY |
| 25 | MOP SINK - SEE PLUMBING |
| 26 | 18" DEEP BOOKSHELVES |
| 27 | 12" DEEP COUNTERS ON L2X2X1/4" HEAVY DUTY WELDED ANGLE SUPPORT BRACKETS |
| 28 | 24" DEEP COUNTERS ON L2X2X1/4" HEAVY DUTY WELDED ANGLE SUPPORT BRACKETS |
| 29 | 30" DEEP COUNTERS ON L2X2X1/4" HEAVY DUTY WELDED ANGLE SUPPORT BRACKETS |
| 30 | 18" DEEP COUNTERS ON L2X2X1/4" HEAVY DUTY WELDED ANGLE SUPPORT BRACKETS |
| 31 | PROVIDE NEW HANDRAILS, GUARDRAILS AND EGRESS STAIR ILLUMINATION. PREP AND PAINT EXISTING STAIR & WALLS TO REMAIN |
| 32 | OPERABLE FOLDING PARTITION WITH EGRESS DOORS |
| 33 | NEW DROP BOX |
| 34 | HIGH LOW WATER COOLER |
| 35 | OWNER PROVIDED HIGH DENSITY MOBILE STORAGE SYSTEM AND OVERSLAB RAILS |
| 36 | 6" DEEP SHELF |
| 37 | ABANDON EXISTING ELEVATOR |
| 38 | EXISTING FULL HEIGHT SPRINKLER PANEL |
| 39 | TWO-WAY COMMUNICATOR (BLACK FINISH), PROVIDE CUTSHEET AND VERIFY COLOR SELECTION WITH MFR PRIOR TO PURCHASE - BASIS OF DESIGN AUTH'D BY C.R. LAURENCE |
| 40 | OWNER PROVIDED REFRIGERATOR, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS |
| 41 | OWNER PROVIDED REFRIGERATOR UNDERCOUNTER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS |
| 42 | OWNER PROVIDED BUJN COFFEE MAKER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS |
| 43 | OWNER PROVIDED MICROWAVE UNDERCOUNTER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS |
| 44 | OWNER PROVIDED UNDERCOUNTER DISHWASHER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS |
| 45 | OWNER PROVIDED COOKTOP AND HOOD, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS |
| 46 | OWNER PROVIDED ICE MAKER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS |
| 47 | NEW WATER HEATER - SEE PLUMBING |
| 48 | WALL MOUNTED MOP & BROOM HOLDER |
| 49 | NEW TRANS LUPRE FILM TO UNDERFACE OF GLAZING |
| 50 | IMPACT RESISTANT STEEL BOLLARD. GENERAL LOCATION SHOWN, COORDINATE LOCATION IN FIELD. REFER TO DETAIL 13A3400 |
| 51 | NEW CONCRETE RAMP. SEE SITE DETAILS A8400 & STRUCTURAL DRAWINGS FOR INFO. |
| 52 | NEW SHOOTING RANGE. SEE SHOOTING RANGE PLANS A108 FOR INFO. |
| 53 | PROVIDE WHEEL STOPS AT ACCESSIBLE PARKING LOCATIONS |
| 54 | NEW FOLDING ARM. SEE ELECTRICAL PLAN FOR ADDITIONAL INFORMATION |
| 55 | NEW BADGE IN ACCESS READER. SEE SHEET AS 020 AND ELECTRICAL FOR ADDITIONAL INFORMATION |
| 56 | RETRIEVE PARKING TO ACCOMMODATE FOR ACCESSIBLE PARKING SPACES SHOWN. REFER TO CIVIL FOR ADA SIGNAGE AND PARKING SYMBOLS |
| 57 | NEW TRENCH DRAIN - SEE PLUMBING |
| 58 | NEW HOSE BIB - SEE PLUMBING |
| 59 | EYE WASH - SEE PLUMBING |
| 60 | 1" FLUSH FLOOR TO FLOOR 2 HR EXPANSION JOINT (TYPE 1) TO MATCH ADJACENT TILE - SEE STRUC AND DETAILS ON A111.2 |
| 61 | 1" FLUSH FLOOR TO FLOOR 2 HR EXPANSION JOINT (TYPE 2) TO MATCH ADJACENT CARPET - SEE STRUC AND DETAILS ON A111.2 |
| 62 | 1" FLUSH FLOOR TO WALL 2 HR EXPANSION JOINT (TYPE 3) TO MATCH ADJACENT CARPET - SEE STRUC AND DETAILS ON A111.2 |
| 63 | 1" FLUSH FLOOR TO WALL 2 HR EXPANSION JOINT (TYPE 4) TO MATCH ADJACENT TILE - SEE STRUC AND DETAILS ON A111.2 |
| 64 | 1" FLUSH WALL CEILING TO WALL CEILING EXPANSION JOINT (TYPE 5) TO MATCH ADJACENT PAINT COLOR - SEE STRUC AND DETAILS ON A111.2 |
| 65 | 1" EXPANSION JOINT (TYPE 6) TO MATCH ADJACENT BRICK - SEE STRUC AND DETAILS |
| 66 | ADA PUSH BUTTON |
| 67 | FLOOR BOX - VERIFY FINAL LOCATION PRIOR TO INSTALLATION W/ ARCHITECT, COORDINATE W/ SYSTEMS FURNITURE - SEE ELECTRICAL |
| 68 | OWNER PROVIDED VENDING MACHINE, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS |
| 69 | CEILING MOUNTED TV, PROVIDE NECESSARY MOUNTING HARDWARE - SEE ELECTRICAL AND TELECOMMUNICATIONS |
| 70 | OWNER PROVIDED MICROWAVE, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS |
| 71 | 24" DEEP STAINLESS PASS THROUGH COUNTER INSTALLED 34" AFF. SEE ENLARGED PLANS FOR INFO. |



McCarthy Holtsapple McCarly, Inc.
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Project Information:

19018

COK SAFETY BUILDING
 900 East Oak Hill Ave, Knoxville, TN



Consultant:
 Architects Design Group

#	ISSUE	DATE
2	ADD #02.1	02/17/21
4	ADD #04.1	03/03/21

Issue Date: FEBRUARY 1, 2021
 PIC: DAVID COLLINS
 PM: JOHN THURMAN
 PA: LAUREN BUSH /
 Drawn By: Author
 Checked By: BP

Drawing Info:

A820

POB - ENLARGED PLANS & ELEVATIONS - LEVEL 5



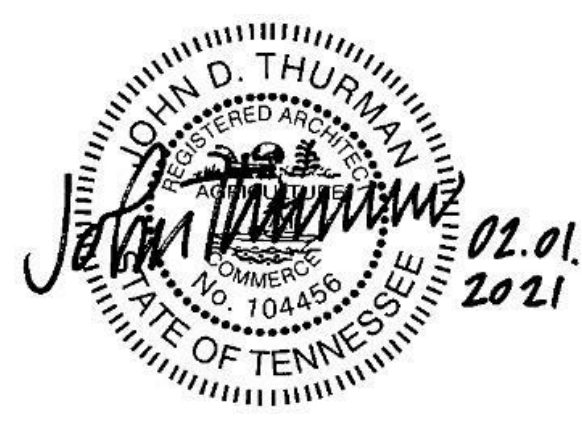
Project Information:

19018

COK SAFETY BUILDING

900 East Oak Hill Ave, Knoxville, TN

Scale:



Consultant:
Architects Design Group

Table with columns: #, ISSUE, DATE. Includes rows for issue #2, #4, and issue dates 02/17/21 and 03/03/21.

A821.1

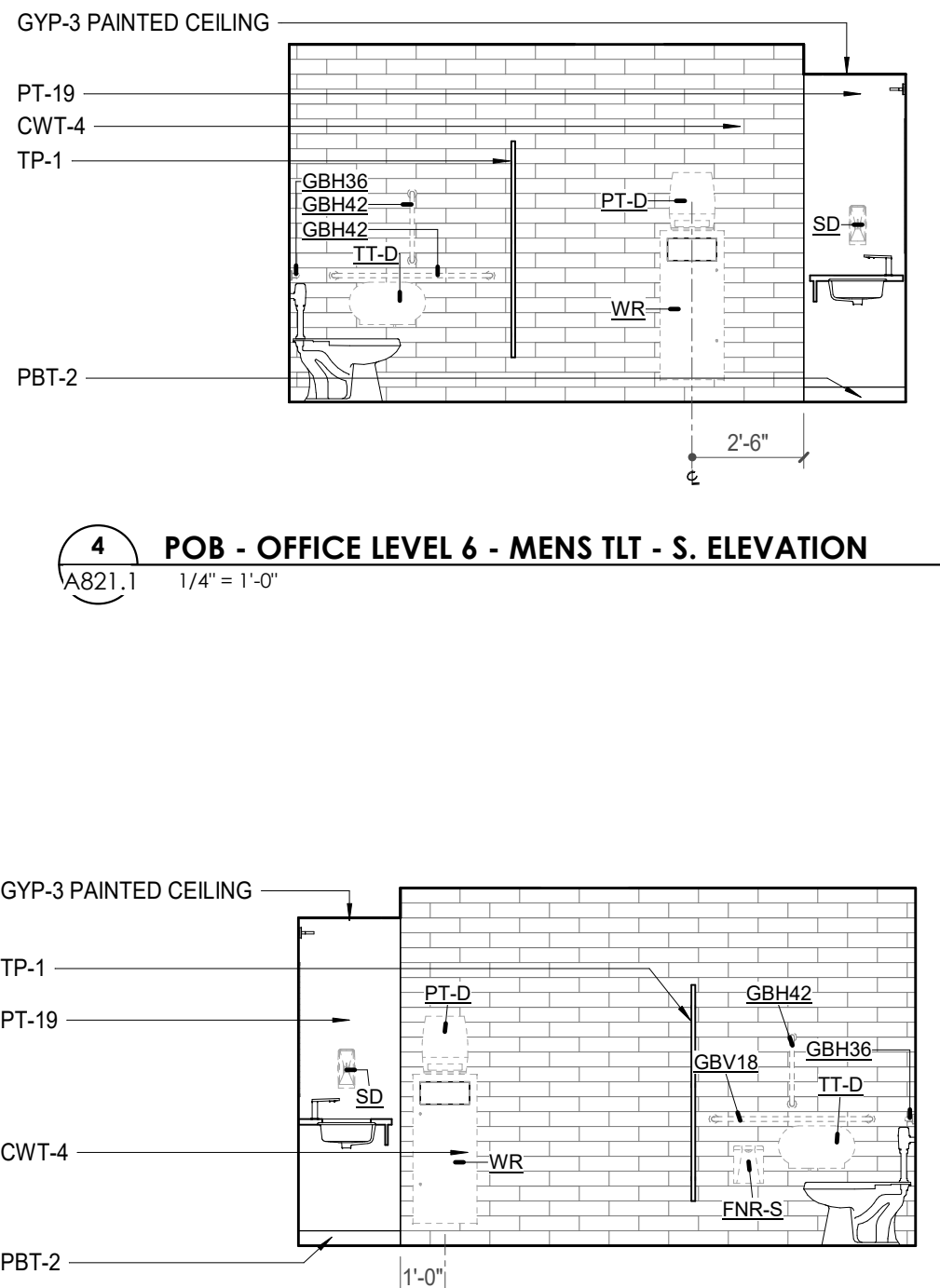
POB - ENLARGED PLANS & ELEVATIONS - LEVEL 6

REFLECTED CEILING PLAN LEGEND. Includes symbols for acoustic ceiling tile grid, gypsum board ceiling, wood panel ceiling, EIFS soffit, and various ceiling types like recessed can light and troffer.

WALL LEGEND. Includes symbols for 2 HR partition, 1 HR partition, ballistic level 3 partition, and existing/demolished partitions.

KEYNOTES - REFLECTED CEILING PLAN. Table with 2 columns: Tag, Text. Lists 17 keynotes regarding ceiling details, soffits, and expansion joints.

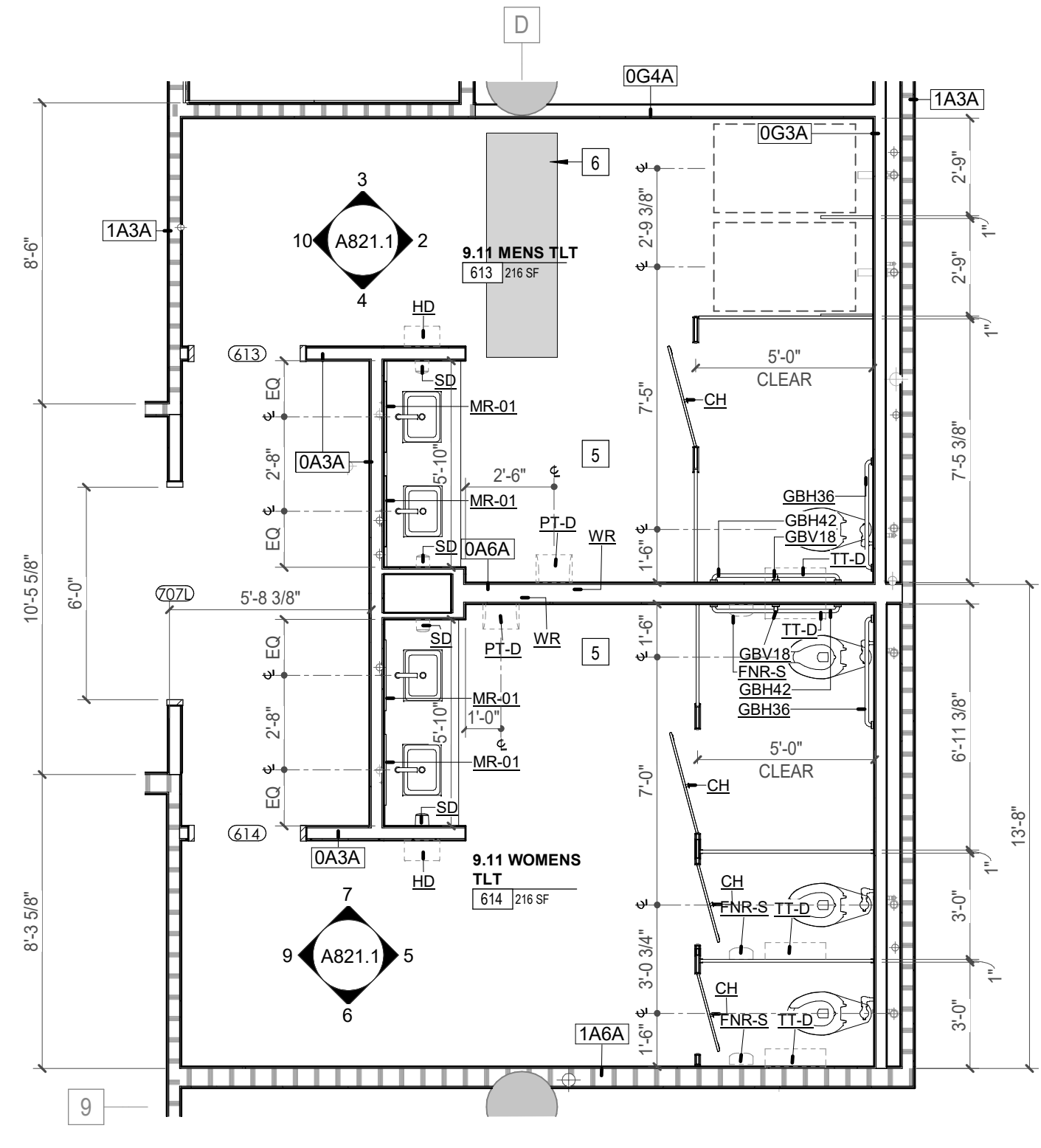
TOILET ACCESSORIES LEGEND. Table with 2 columns: MARK, DESCRIPTION. Lists items like grab bars (GBH42, GBH36, GBV18), mirrors (MR-01), lockers (MR-02), and dispensers (TT-D).



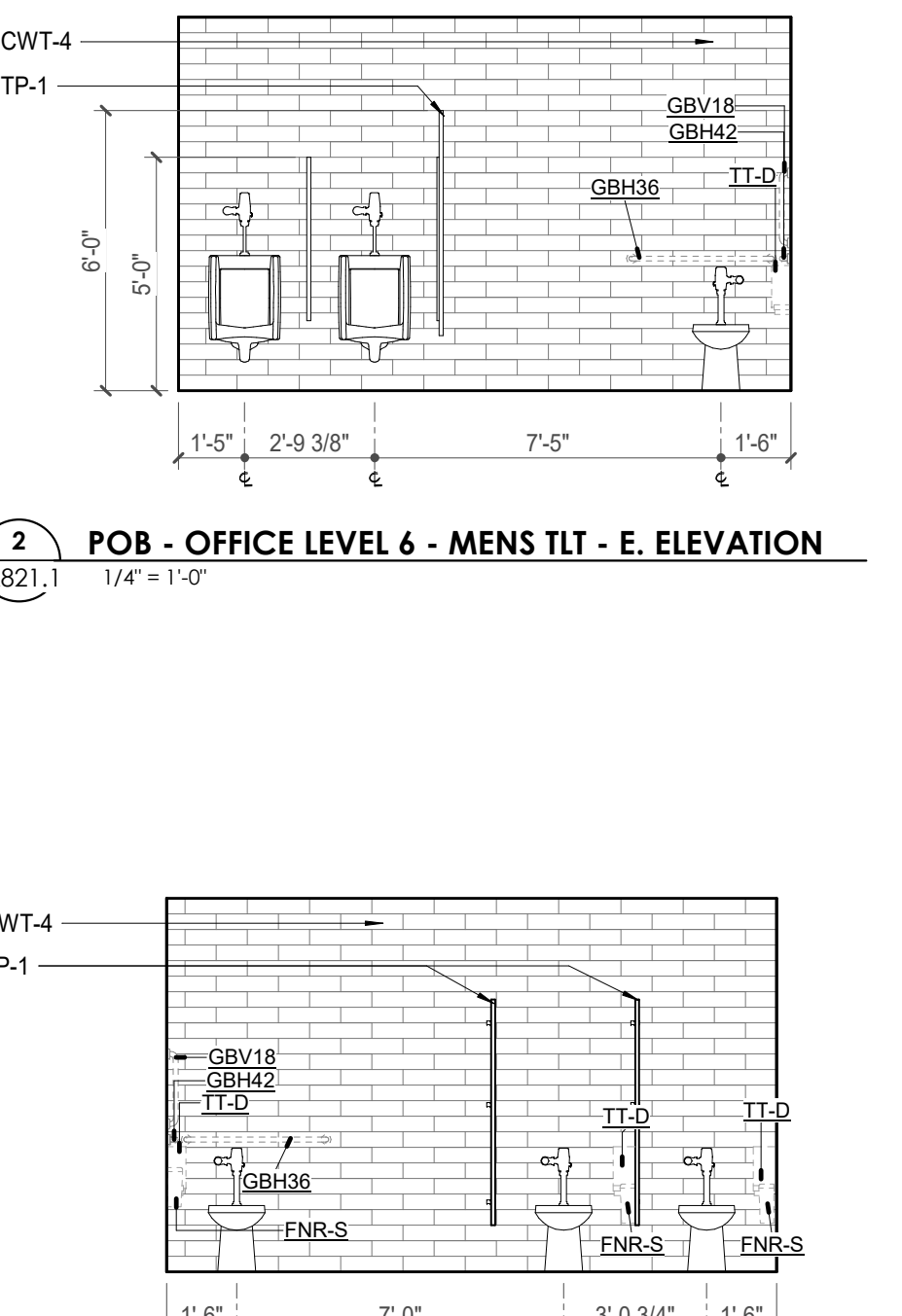
4 POB - OFFICE LEVEL 6 - MENS TLT - S. ELEVATION
A821.1 1/4" = 1'-0"



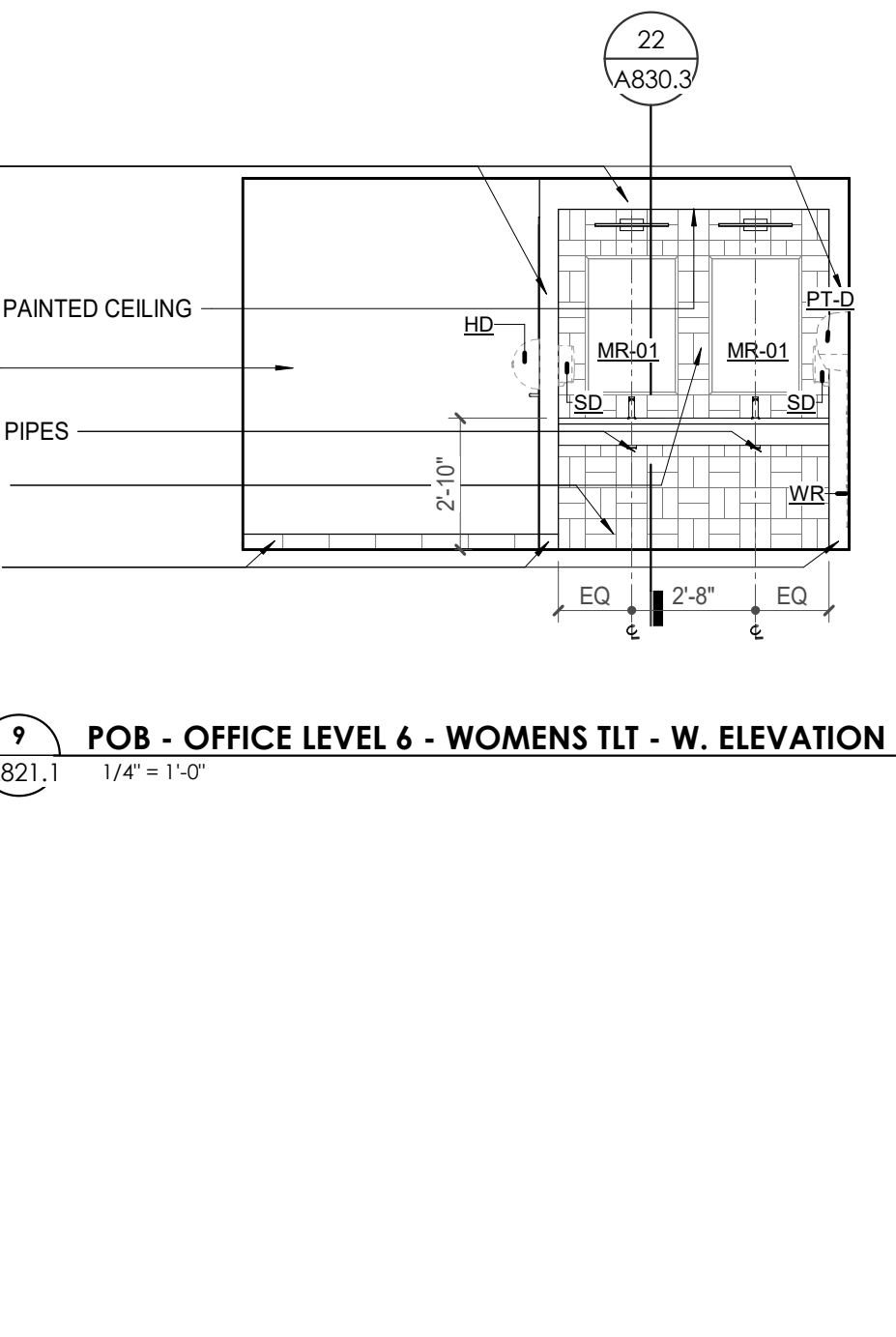
7 POB - OFFICE LEVEL 6 - WOMENS TLT - N. ELEVATION
A821.1 1/4" = 1'-0"



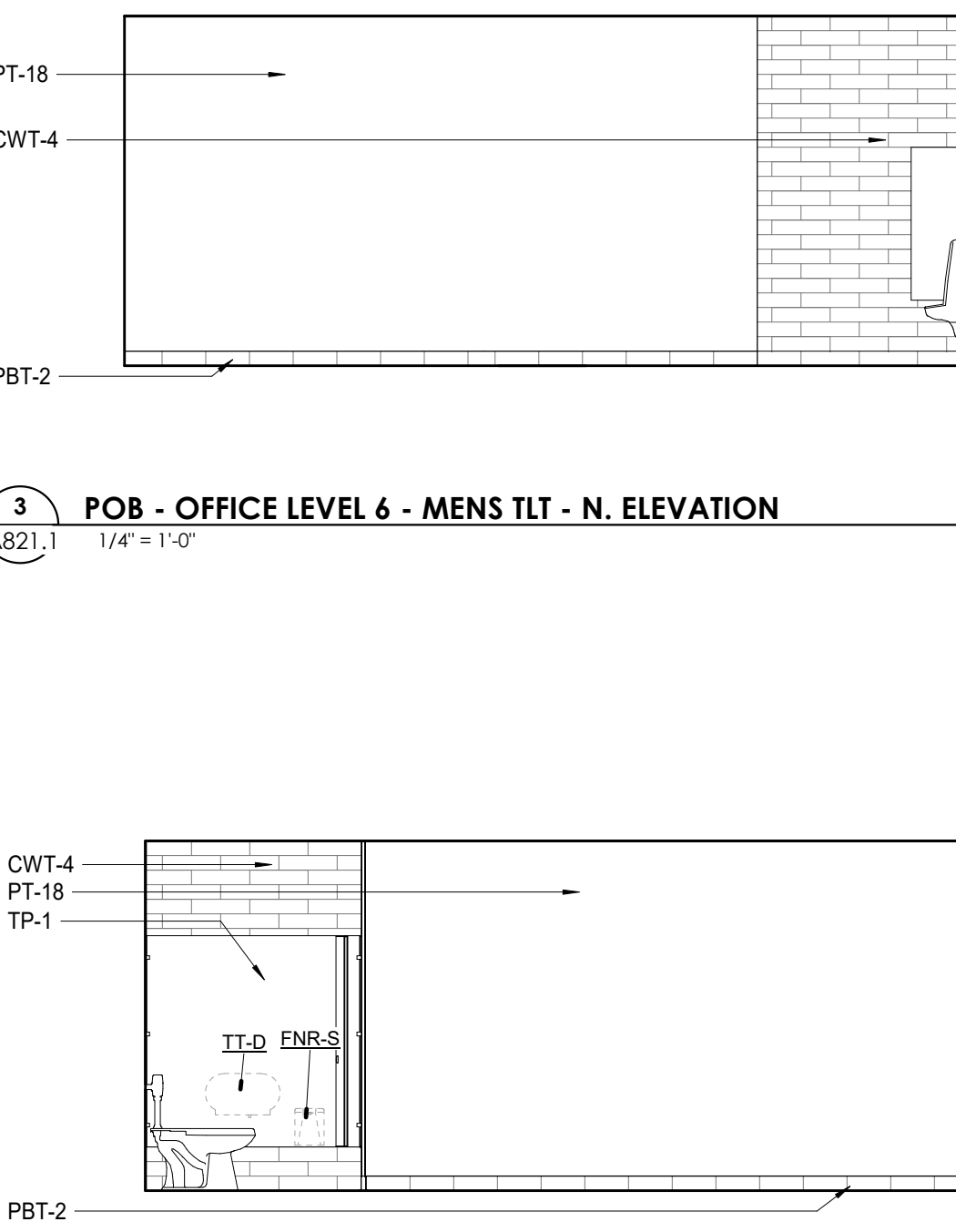
1 ENLARGED PLAN - POB - OFFICE LEVEL 6 - MEN'S & WOMEN'S TOILET ROOMS
A821.1 1/4" = 1'-0"



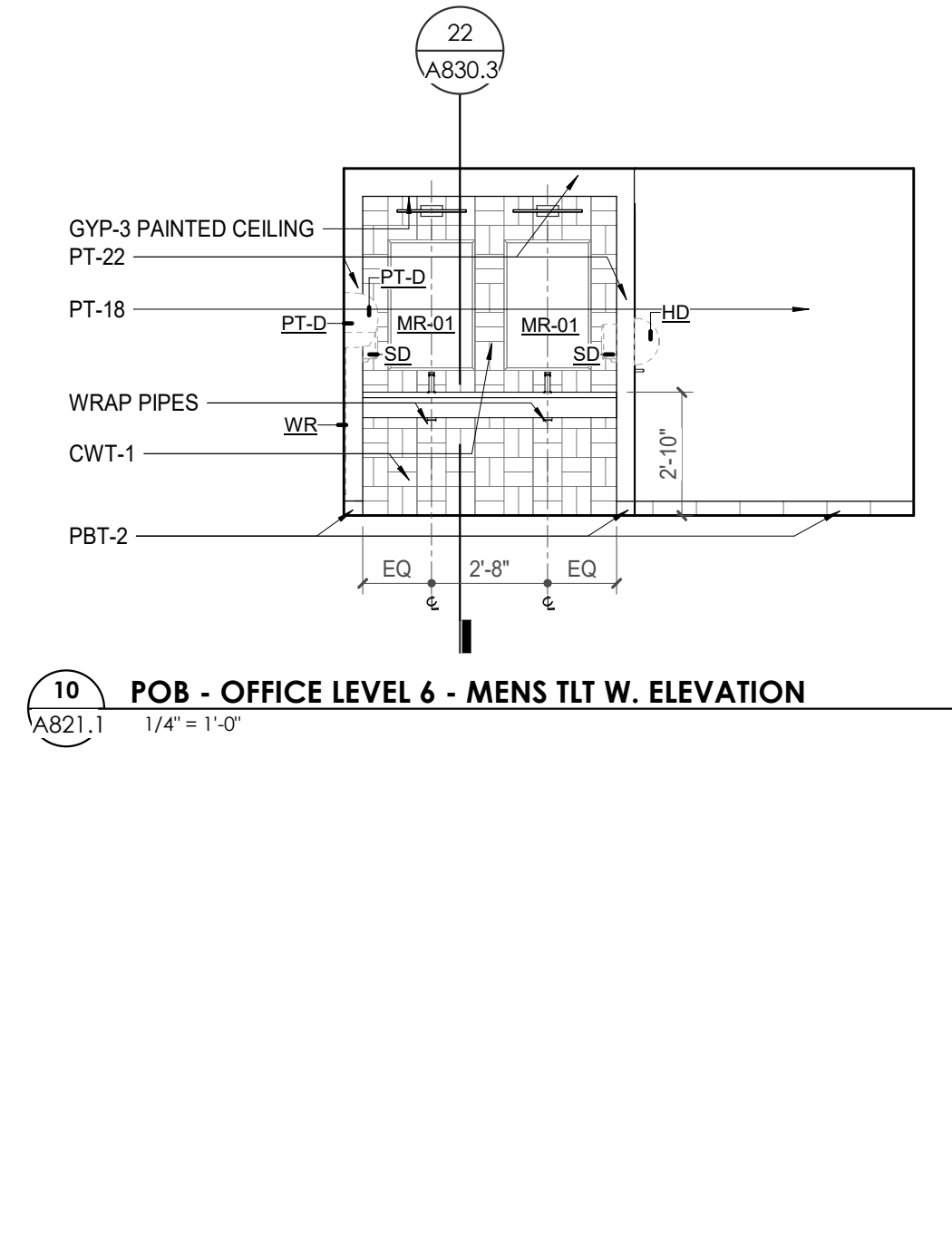
2 POB - OFFICE LEVEL 6 - MENS TLT - E. ELEVATION
A821.1 1/4" = 1'-0"



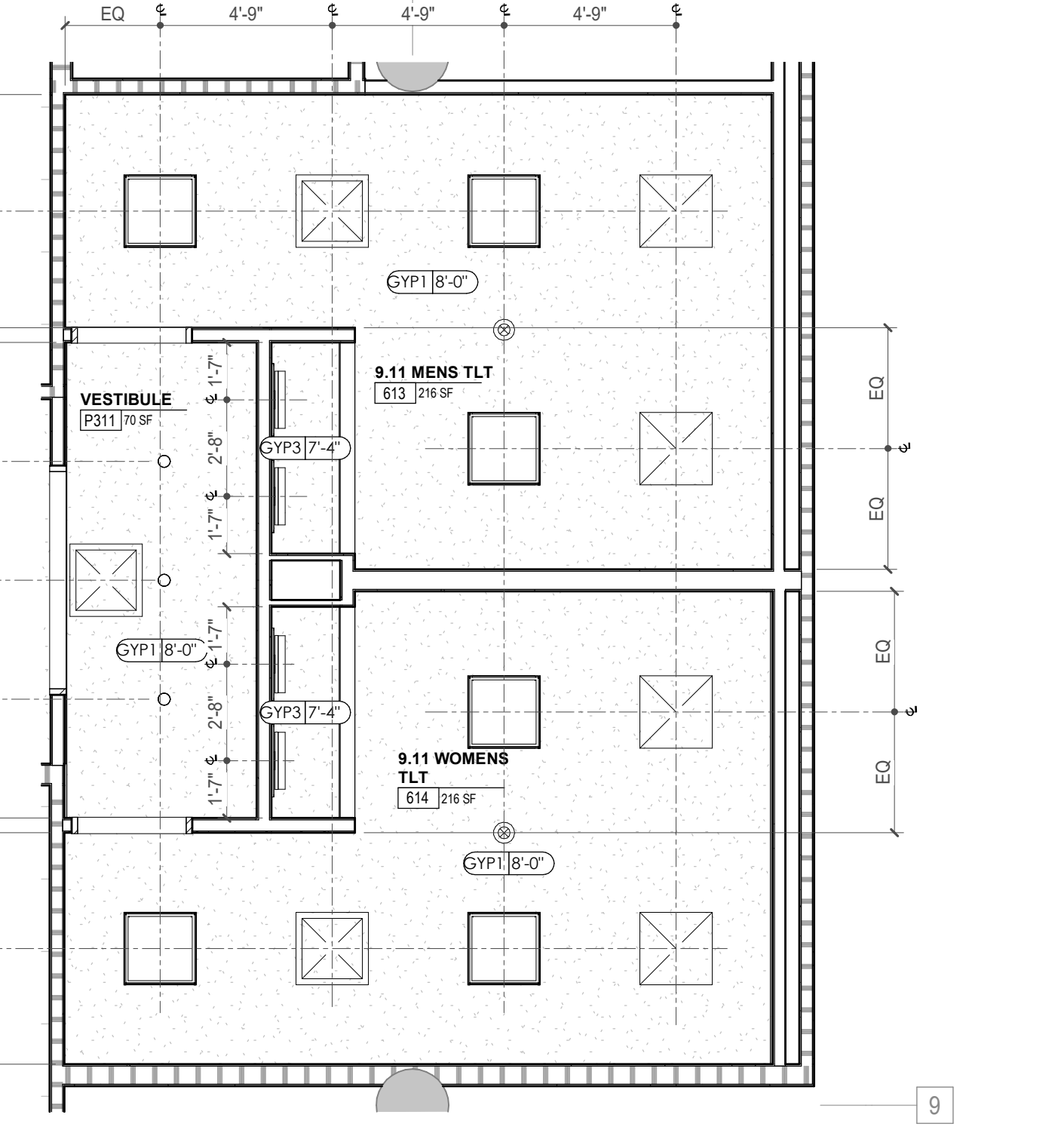
5 POB - OFFICE LEVEL 6 - WOMENS TLT - E. ELEVATION
A821.1 1/4" = 1'-0"



3 POB - OFFICE LEVEL 6 - MENS TLT - N. ELEVATION
A821.1 1/4" = 1'-0"

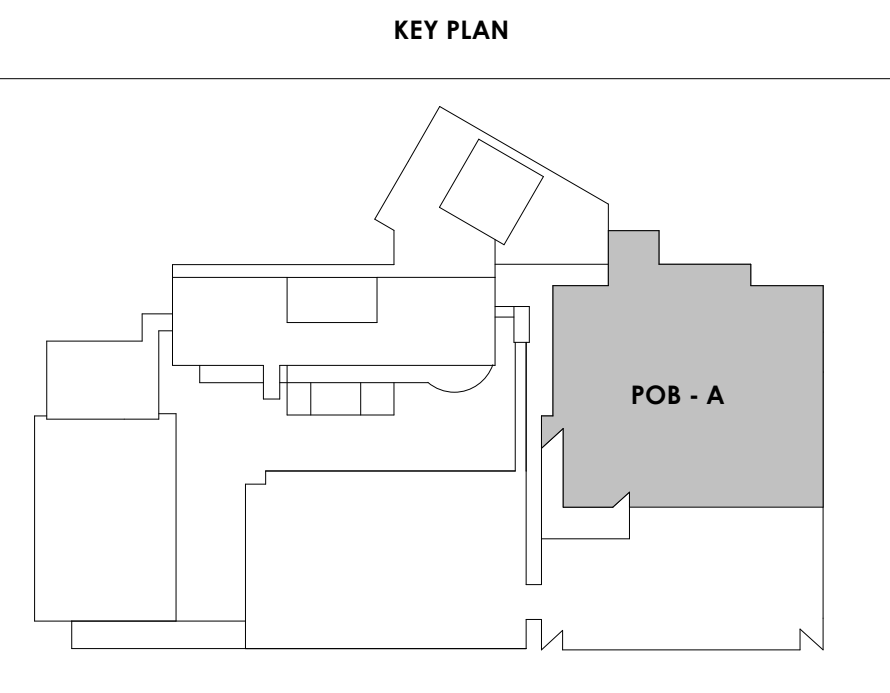


6 POB - OFFICE LEVEL 6 - WOMENS TLT - S. ELEVATION
A821.1 1/4" = 1'-0"



8 ENLARGED RCP - POB - OFFICE LEVEL 6 - MEN'S & WOMEN'S TLT ROOM
A821.1 1/4" = 1'-0"

KEYNOTE - FLOOR PLAN. Table with 2 columns: TAG, TEXT. Lists 58 keynotes detailing floor construction, finishes, and structural requirements.





Project Information:

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Consultant:

Architects Design Group

Table with columns: #, ISSUE, DATE. Rows: 2 ADD #02.1 02/17/21, 3 ADD #03.1 02/24/21, 4 ADD #04.1 03/03/21

Table with columns: Issue Date, DATE. Rows: FEBRUARY 1, 2021; DAVID COLLINS; JOHN THURMAN; LAUREN BUSH /

Drawing Info:

A821.2
POB - ENLARGED PLANS & ELEVATIONS - LEVEL 6

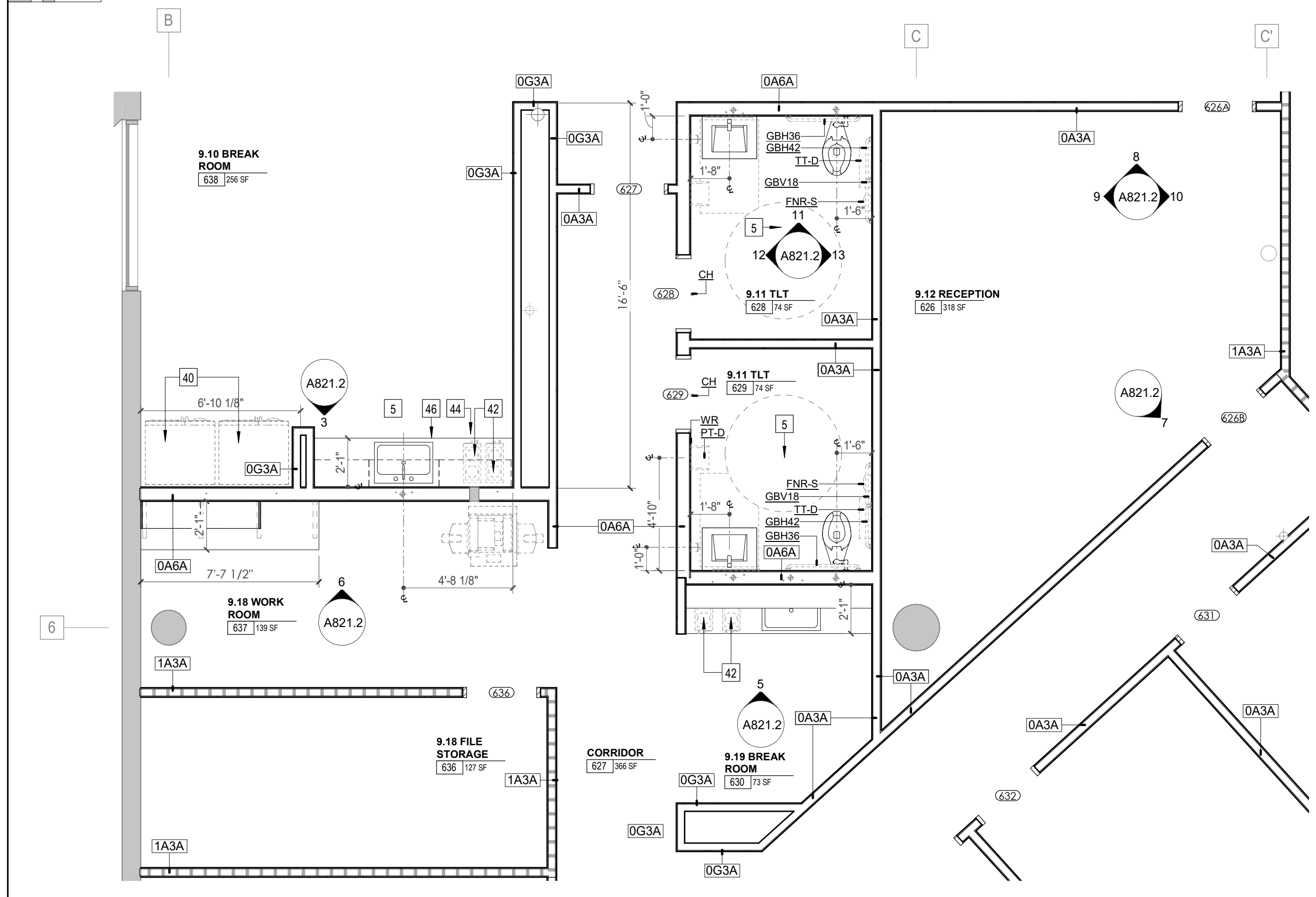
REFLECTED CEILING PLAN LEGEND. Includes symbols for ceiling types like acoustic tile grid, gypsum board, wood panel, and EFS soffit. Also includes symbols for ceiling indicators, height aff, and various lighting fixtures like recessed can lights, downlights, and troffers.

KEYNOTES - REFLECTED CEILING PLAN. Table with columns: Tag, Text. Lists 17 notes regarding ceiling materials, lighting, and expansion joints.

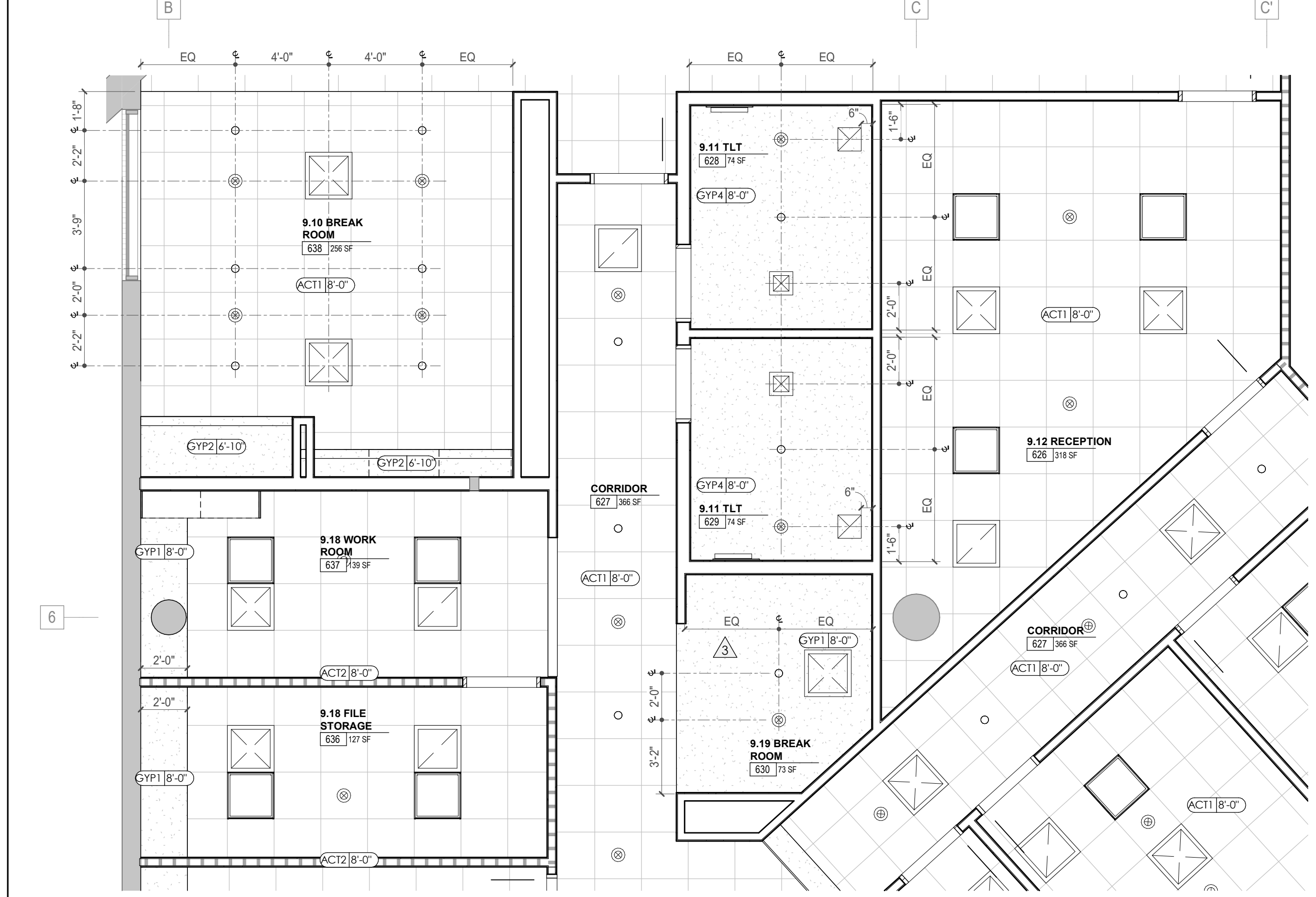
TOILET ACCESSORIES LEGEND. Table with columns: MARK, DESCRIPTION. Lists various items like grab bars, mirrors, lockers, and paper towel dispensers.

WALL LEGEND. Includes symbols for different partition types: 2 HR, 1 HR, ballistic level 3, new partition, and existing partition to be demolished.

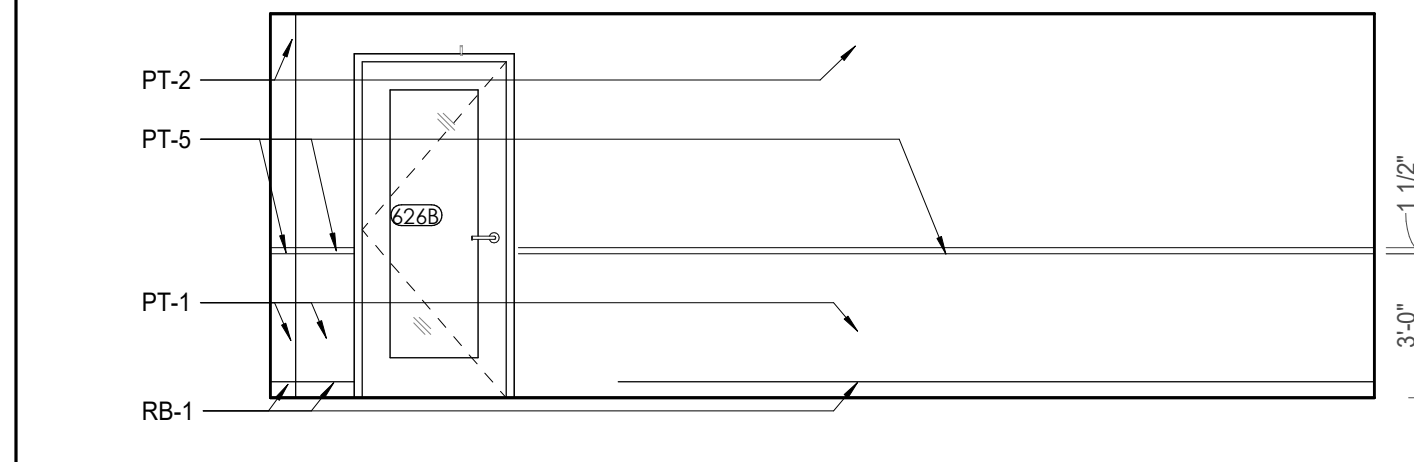
KEYNOTE - FLOOR PLAN. Table with columns: TAG, TEXT. Lists 51 notes regarding floor finishes, elevators, stairs, and various equipment.



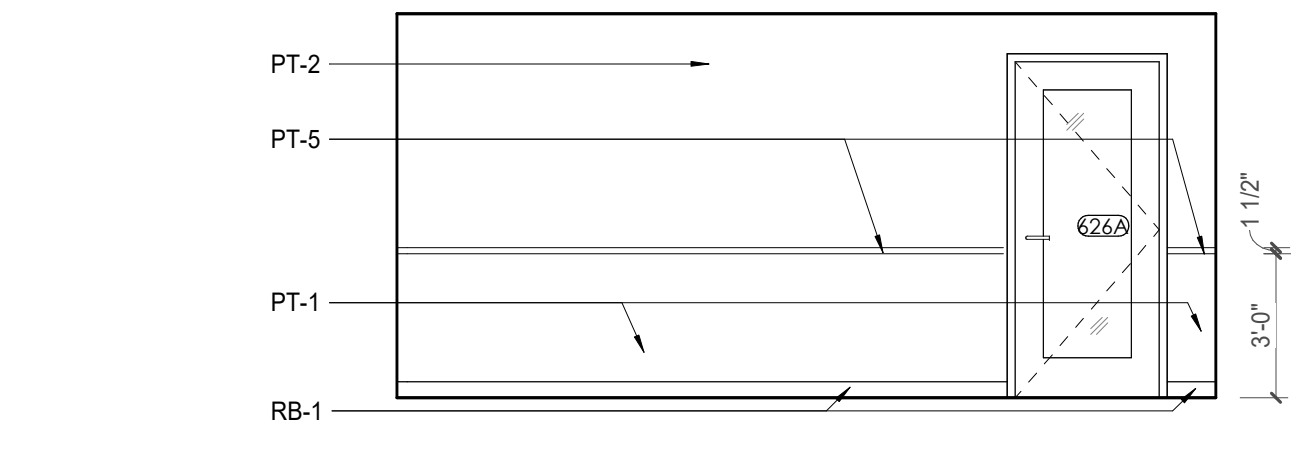
1 ENLARGED PLAN - POB - OFFICE LEVEL 6 - FACULTY & STAFF ZONE



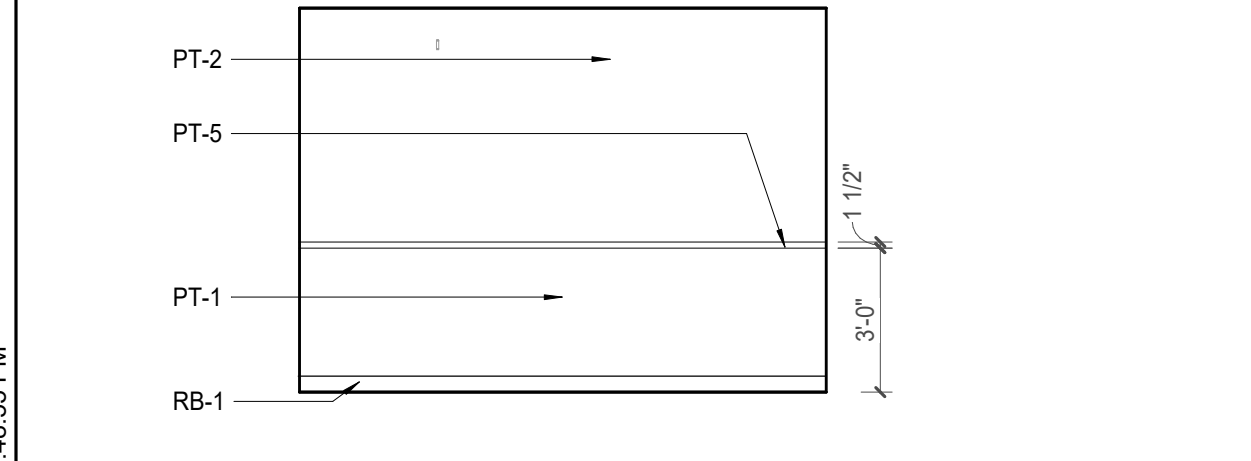
4 ENLARGED RCP - POB - OFFICE LEVEL 6 - FACULTY & STAFF ZONE



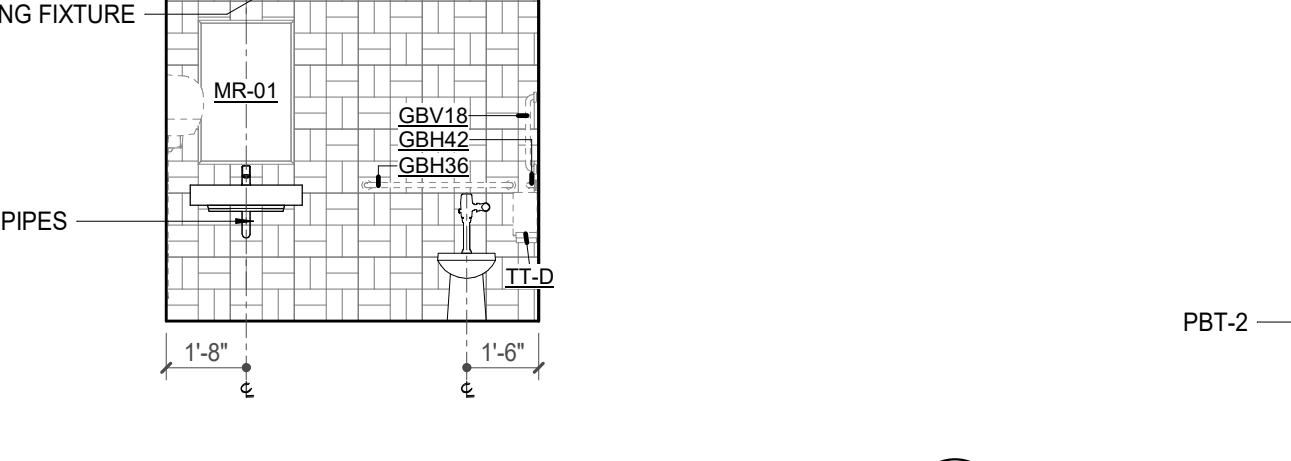
7 POB OFFICE LEVEL 6 - 9.12 RECEPTION 626 SE. ELEVATION



8 POB - OFFICE LEVEL 6 - 9.12 RECEPTION 626 N. ELEVATION

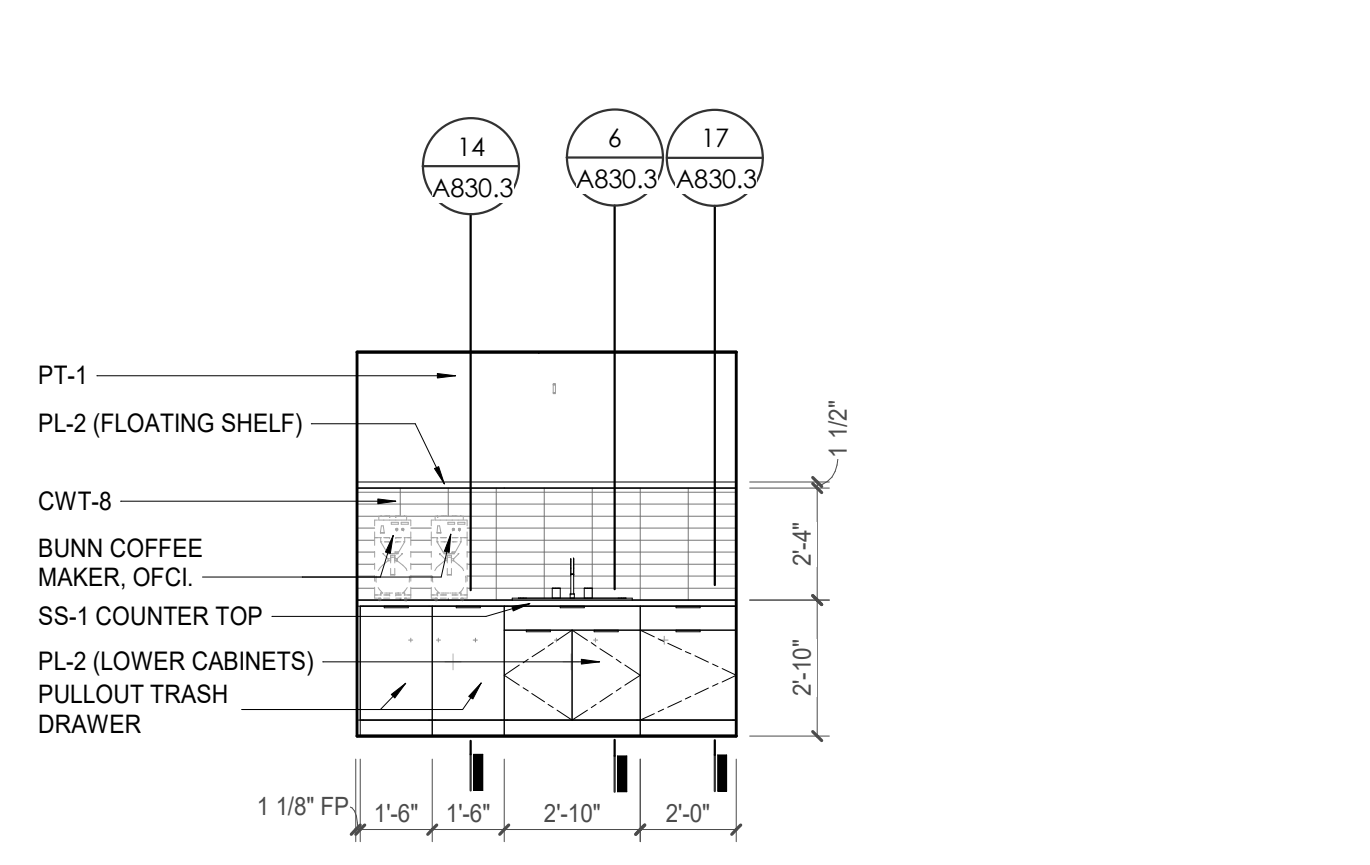


10 POB - OFFICE LEVEL 6 - 9.12 RECEPTION 626 E. ELEVATION

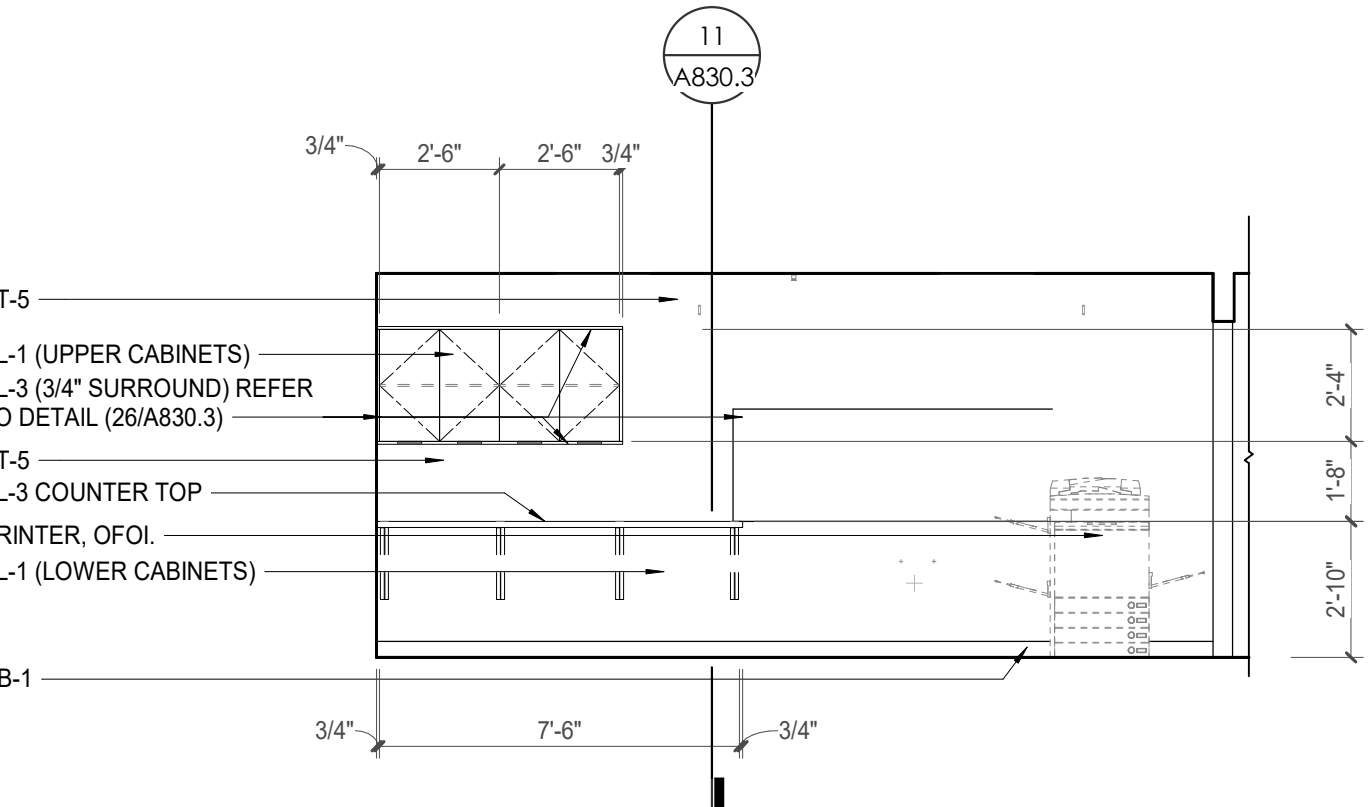


11 POB - OFFICE LEVEL 6 - FACULTY & STAFF TLT - N. ELEVATION

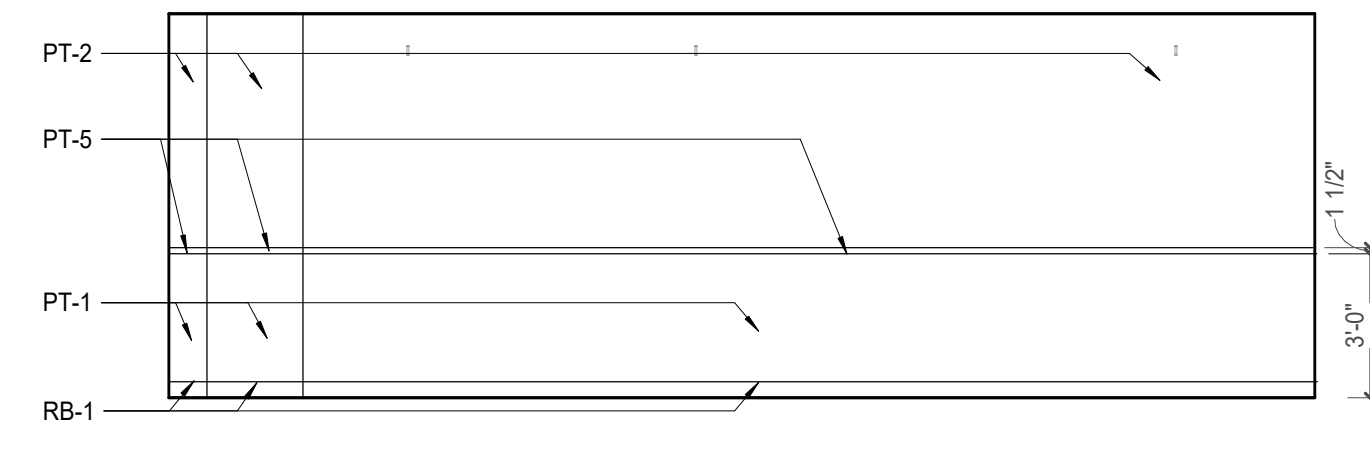
3 POB - OFFICE LEVEL 6 - BREAK ROOM - S. ELEVATION



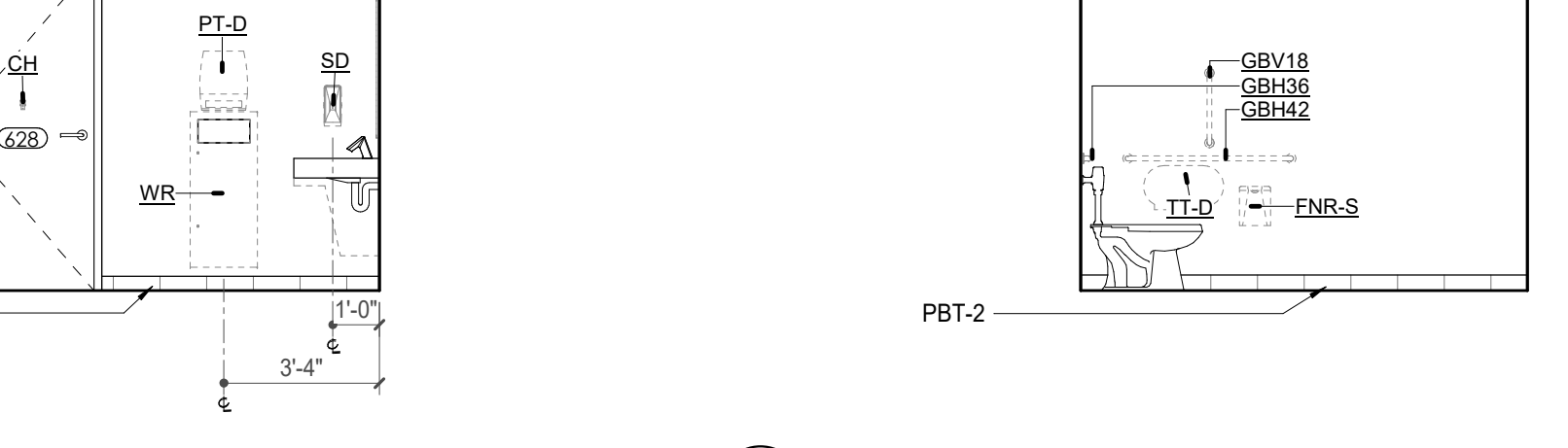
5 POB - OFFICE LEVEL 6 - BREAK ROOM - N. ELEVATION



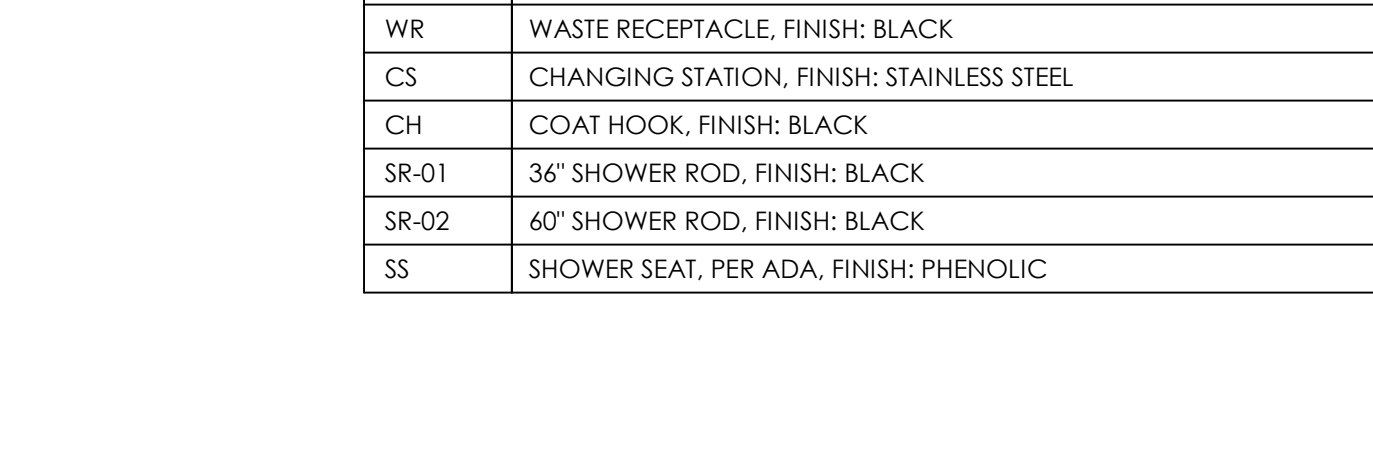
6 POB - OFFICE LEVEL 6 - WORK ROOM - N. ELEVATION



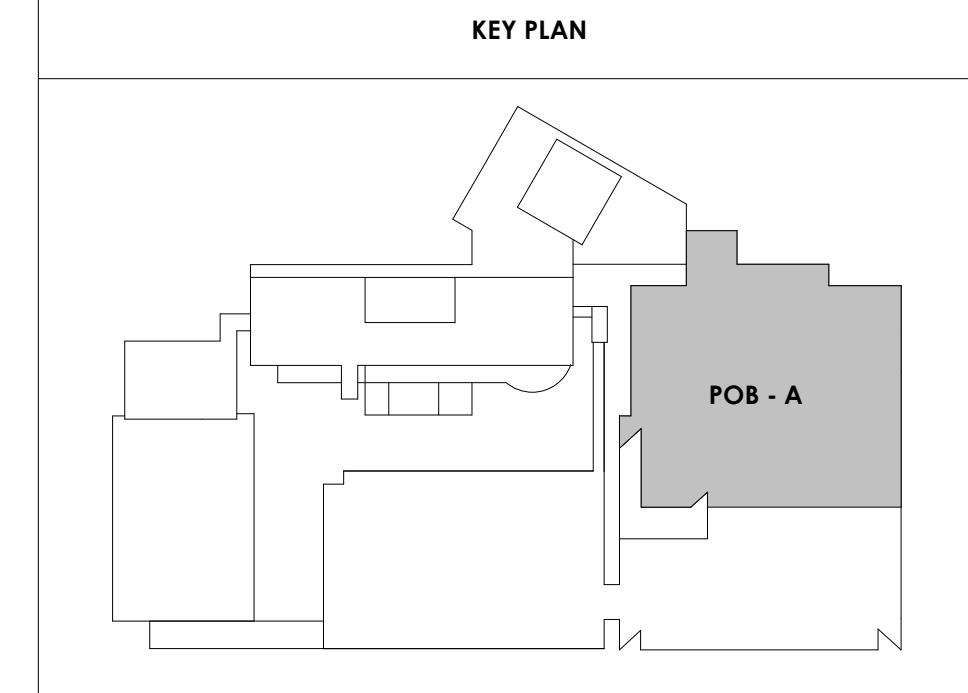
9 POB - OFFICE LEVEL 6 - 9.12 RECEPTION 626 W. ELEVATION



12 POB - OFFICE LEVEL 6 - FACULTY & STAFF TLT - W. ELEVATION



13 POB - OFFICE LEVEL 6 - FACULTY & STAFF TLT - E. ELEVATION





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Consultant:

Architects Design Group

#	ISSUE	DATE
2	ADD #02.1	02/17/21
4	ADD #04.1	03/03/21

Issue Date: FEBRUARY 1, 2021
PIC: DAVID COLLINS
PM: JOHN THURMAN
PA: LAUREN BUSH /
Author:
Checked By: BP

Drawing Info:

A821.3

POB - ENLARGED PLANS & ELEVATIONS - LEVEL 6

WALL LEGEND

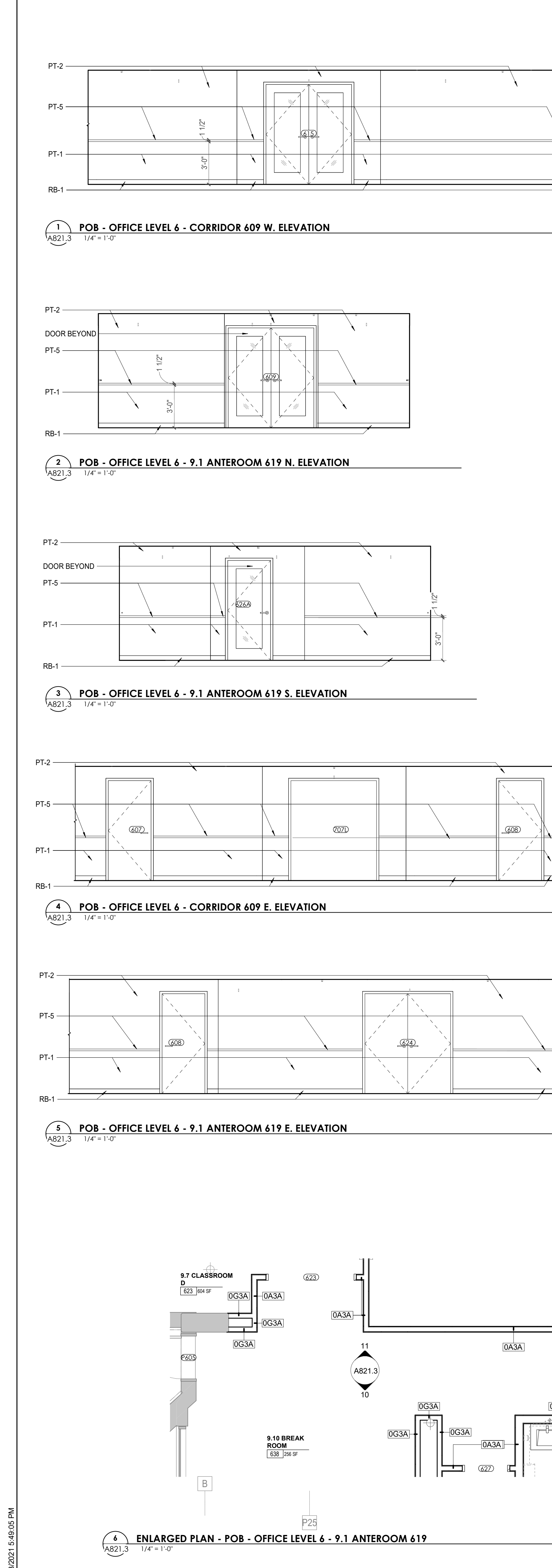
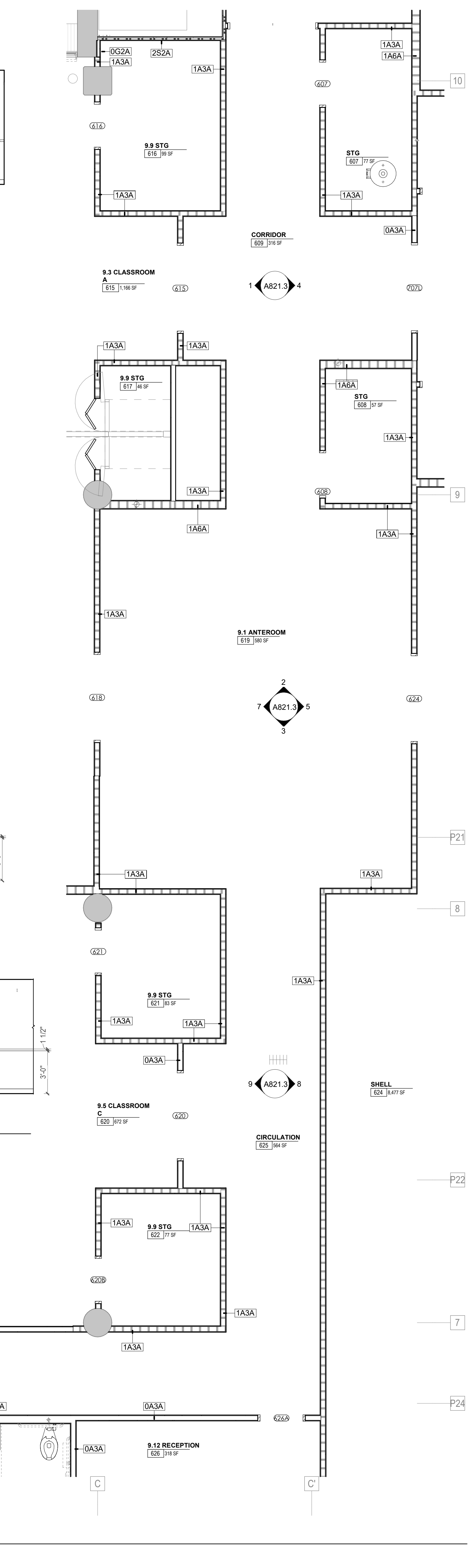
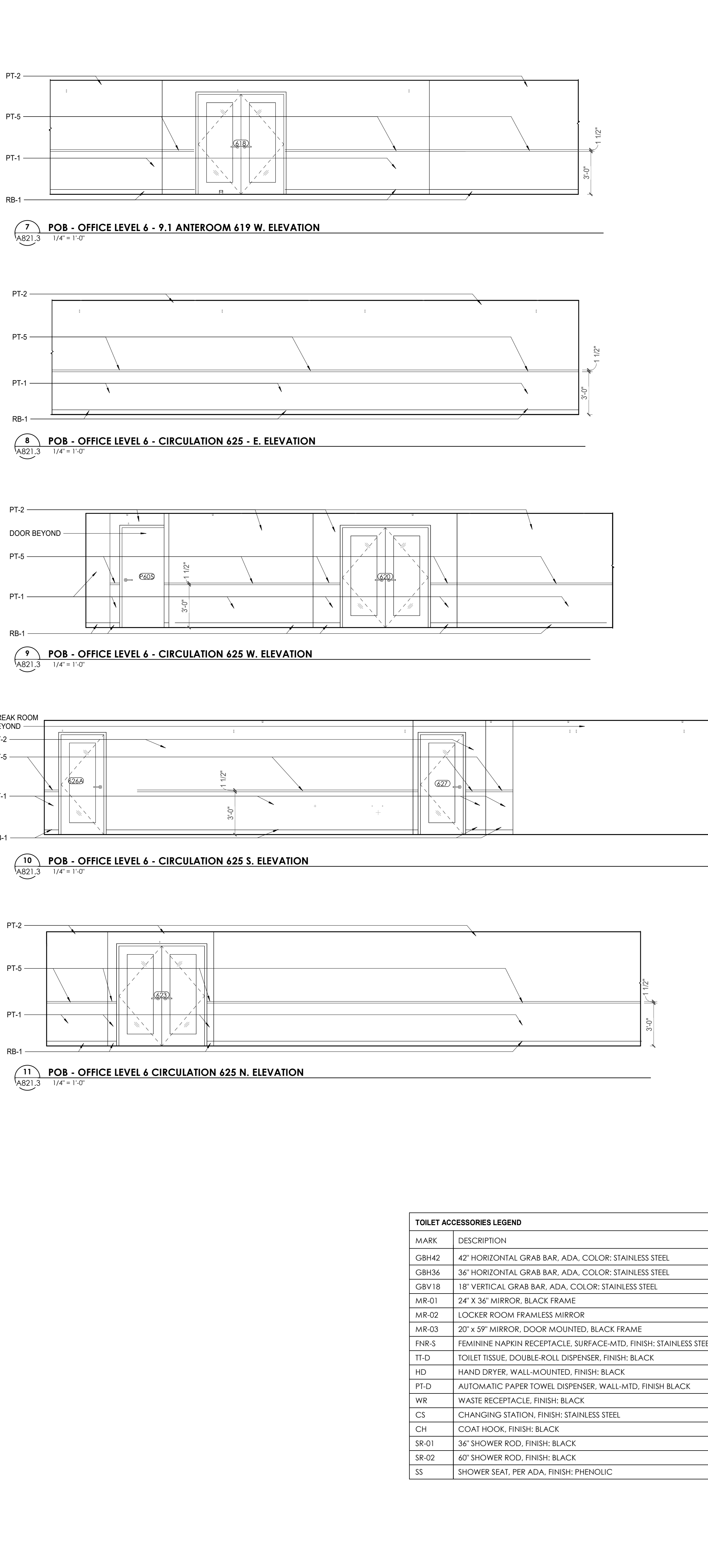
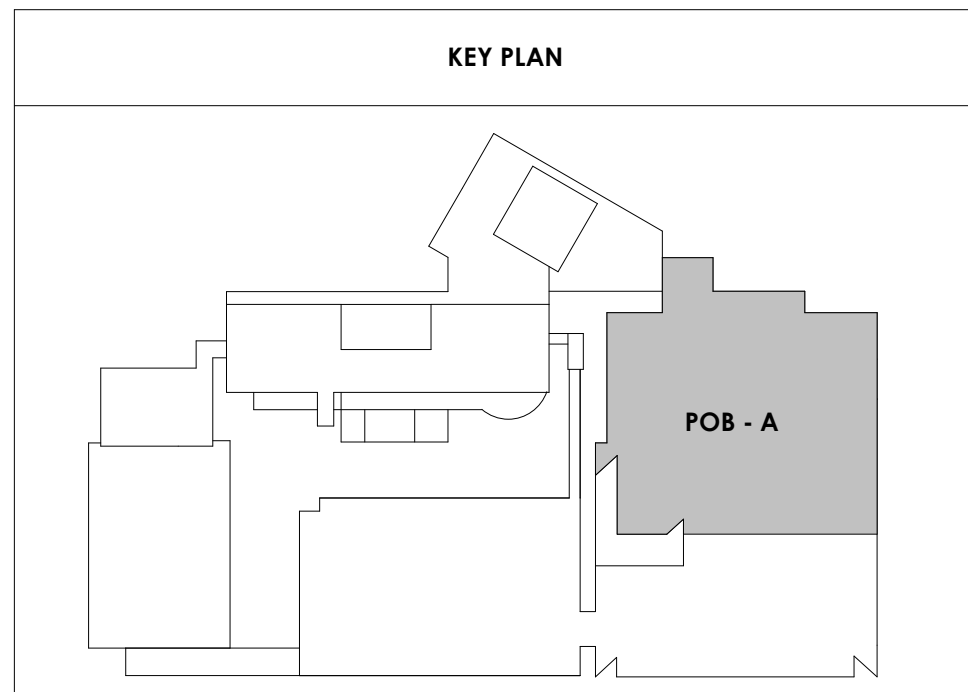
[Symbol]	2 HR PARTITION (ASSEMBLY VARIES)
[Symbol]	1 HR PARTITION (ASSEMBLY VARIES)
[Symbol]	BALLISTIC LEVEL 3 PARTITION (ASSEMBLY VARIES)
[Symbol]	NEW PARTITION (ASSEMBLY VARIES)
[Symbol]	EXISTING PARTITION
[Symbol]	EXISTING PARTITION TO BE DEMOLISHED

KEYNOTE - FLOOR PLAN

TAG	TEXT
1	SOFFIT ABOVE (DASHED)
2	EXISTING EGRESS STAIR TO REMAIN - PREP & PAINT EXISTING HANDRAILS, STAIR, & WALLS TO REMAIN
3	EXISTING ELEVATOR TO BE MODIFIED (REPLACED AS REQUIRED TO REACH ALL FOUR (4) FLOORS. SEE ELEVATOR PLANS & DETAILS SHEET FOR INFO.
4	EXISTING ELEVATOR - REFURBISH EQUIPMENT & CONTROLS. NEW FINISHES TO INTERIOR OF CAR AS REQ'D. SEE ELEVATOR PLANS & DETAILS SHEET FOR INFO.
5	NEW FLOOR DRAIN - REFER TO PLUMBING
6	SHADED AREA DENOTES NEW CONCRETE SLAB - REFER TO STRUC.
7	BALLISTIC LEVEL 3 RATING AND GLAZING - 8" 0" AFF MIN.
8	MOBILE VEHICLE LIFT
9	OVERHEAD COLLING DOOR
10	OWNER PROVIDED WOOD PEW SEATING - N.I.C.
11	OWNER PROVIDED 36" DEEP OPEN SHELVING - N.I.C.
12	18" X 24" X 72" HEAVY DUTY LOCKER WITH DRAWER/ BENCH (TYPE 1)
13	18" X 24" X 72" HEAVY DUTY THREE TIER LOCKERS (TYPE 2)
14	NEW PASS THRU LOCKERS - TYPE 3
15	RECESSED SIDE ARMS LOCKERS (ONE FOUR DOOR UNIT AT EACH DOOR)
16	PUBLIC WEAPONS STG LOCKERS - TABLET PHONE WALL LOCKERS WITH 12 DOORS (TYPE 5)
17	CANOPY ABOVE (DASHED)
18	OWNER PROVIDED SYSTEMS FURNITURE - N.I.C.
19	OWNER PROVIDED COPIER - N.I.C.
20	PROVIDE REQ. BLOCKING FOR LOCATIONS WHERE WALL MOUNTED TV MONITORS ARE LOCATED. REFER TO EQUIPMENT PLANS FOR LOCATIONS
21	PROVIDE REQ. BLOCKING FOR ALL MARKER BOARD LOCATIONS
22	KNOX BOX (RECESSED)
23	RECESSED CELL PHONE LOCKERS TO MATCH METAL WALL PANEL
24	METAL DETECTOR ENTRY SECURITY
25	MOP SINK - SEE PLUMBING
26	18" DEEP BOOKSHELVES
27	12" DEEP COUNTERS ON L2X2X1/4" HEAVY DUTY WELDED ANGLE SUPPORT BRACKETS
28	24" DEEP COUNTERS ON L2X2X1/4" HEAVY DUTY WELDED ANGLE SUPPORT BRACKETS
29	30" DEEP COUNTERS ON L2X2X1/4" HEAVY DUTY WELDED ANGLE SUPPORT BRACKETS
30	18" DEEP COUNTERS ON L2X2X1/4" HEAVY DUTY WELDED ANGLE SUPPORT BRACKETS
31	PROVIDE NEW HANDRAILS, GUARDRAILS AND EGRESS STAIR ILLUMINATION. PREP AND PAINT EXISTING STAIR & WALLS TO REMAIN
32	OPERABLE FOLDING PARTITION WITH EGRESS DOORS
33	NEW DROP BOX
34	HIGH LOW WATER COOLER
35	OWNER PROVIDED HIGH DENSITY MOBILE STORAGE SYSTEM AND OVERSLAB RAILS
36	6" DEEP SHELF
37	ABANDON EXISTING ELEVATOR
38	EXISTING FULL HEIGHT SPANDREL PANEL
39	TWO-WAY COMMUNICATOR (BLACK FINISH). PROVIDE CUTSHEET AND VERIFY COLOR SELECTION WITH MFR PRIOR TO PURCHASE - BASIS OF DESIGN AULTUS BY C.R. LAURENCE
40	OWNER PROVIDED REFRIGERATOR, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
41	OWNER PROVIDED REFRIGERATOR UNDERCOUNTER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
42	OWNER PROVIDED BUIN COFFEE MAKER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
43	OWNER PROVIDED MICROWAVE UNDERCOUNTER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
44	OWNER PROVIDED UNDERCOUNTER DISHWASHER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
45	OWNER PROVIDED COOKTOP AND HOOD, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
46	OWNER PROVIDED ICE MAKER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
47	NEW WATER HEATER - SEE PLUMBING
48	WALL MOUNTED MOP & BROOM HOLDER
49	NEW TRANSFER PANEL TO UNDER FLOOR OF GLAZING
50	IMPACT RESISTANT STEEL BOLLARD. GENERAL LOCATION SHOWN. COORDINATE LOCATION IN FIELD. REFER TO DETAIL (SAS400)
51	NEW CONCRETE RAMP. SEE SITE DETAILS SAS400 & STRUCTURAL DRAWINGS FOR INFO.
52	NEW SHOOTING RANGE. SEE SHOOTING RANGE PLANS A108 FOR INFO.
53	PROVIDE WHEEL STOPS AT ACCESSIBLE PARKING LOCATIONS
54	NEW FOLDING ARM. SEE ELECTRICAL PLAN FOR ADDITIONAL INFORMATION
55	NEW BADGE IN ACCESS READER. SEE SHEET AS120 AND ELECTRICAL FOR ADDITIONAL INFORMATION
56	RESTRIPE PARKING TO ACCOMMODATE FOR ACCESSIBLE PARKING SPACES SHOWN. REFER TO CIVIL FOR ADA SIGNAGE AND PARKING SYMBOLS
57	NEW TRENCH DRAIN - SEE PLUMBING
58	NEW HOSE BIB - SEE PLUMBING
59	EYE WASH - SEE PLUMBING
60	1" FLUSH FLOOR TO FLOOR 2 HR EXPANSION JOINT (TYPE 1) TO MATCH ADJACENT TILE - SEE STRUC AND DETAILS ON A111.2
61	1" FLUSH FLOOR TO FLOOR 2 HR EXPANSION JOINT (TYPE 2) TO MATCH ADJACENT CARPET - SEE STRUC AND DETAILS ON A111.2
62	1" FLUSH FLOOR TO WALL 2 HR EXPANSION JOINT (TYPE 3) TO MATCH ADJACENT CARPET - SEE STRUC AND DETAILS ON A111.2
63	1" FLUSH FLOOR TO WALL 2 HR EXPANSION JOINT (TYPE 4) TO MATCH ADJACENT TILE - SEE STRUC AND DETAILS ON A111.2
64	1" FLUSH WALL/CEILING TO WALL/CEILING EXPANSION JOINT (TYPE 5) TO MATCH ADJACENT PAINT COLOR - SEE STRUC AND DETAILS ON A111.2
65	1" EXPANSION JOINT (TYPE 6) TO MATCH ADJACENT BRICK - SEE STRUC AND DETAILS
66	ADA PUSH BUTTON
67	FLOOR BOX - VERIFY FINAL LOCATION PRIOR TO INSTALLATION W/ ARCHITECT. COORDINATE W/ SYSTEMS FURNITURE - SEE ELECTRICAL
68	OWNER PROVIDED VENDING MACHINE, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
69	CEILING MOUNTED TV. PROVIDE NECESSARY MOUNTING HARDWARE - SEE ELECTRICAL AND TELECOMMUNICATIONS
70	OWNER PROVIDED MICROWAVE, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
71	24" DEEP STAINLESS PASS THROUGH COUNTER INSTALLED 34" A.F.F. SEE ENLARGED PLANS FOR INFO.

TOILET ACCESSORIES LEGEND

MARK	DESCRIPTION
GBH42	42" HORIZONTAL GRAB BAR, ADA, COLOR: STAINLESS STEEL
GBH36	36" HORIZONTAL GRAB BAR, ADA, COLOR: STAINLESS STEEL
GBV18	18" VERTICAL GRAB BAR, ADA, COLOR: STAINLESS STEEL
MR-01	24" X 36" MIRROR, BLACK FRAME
MR-02	LOCKER ROOM FRAMLESS MIRROR
MR-03	20" X 59" MIRROR, DOOR MOUNTED, BLACK FRAME
FNR-S	FEMININE NAPKIN RECEPTACLE, SURFACE-MTD, FINISH: STAINLESS STEEL
TI-D	TOILET TISSUE, DOUBLE-ROLL DISPENSER, FINISH: BLACK
HD	HAND DRYER, WALL-MOUNTED, FINISH: BLACK
PT-D	AUTOMATIC PAPER TOWEL DISPENSER, WALL-MTD, FINISH: BLACK
WR	WASTE RECEPTACLE, FINISH: BLACK
CS	CHANGING STATION, FINISH: STAINLESS STEEL
CH	COAT HOOK, FINISH: BLACK
SR-01	36" SHOWER ROD, FINISH: BLACK
SR-02	60" SHOWER ROD, FINISH: BLACK
SS	SHOWER SEAT, PER ADA, FINISH: PHENOLIC





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#	ISSUE	DATE
2	ADD #02.1	02/17/21
4	ADD #04.1	03/03/21

Issue Date: FEBRUARY 1, 2021
 PIC: DAVID COLLINS
 PM: JOHN THURMAN
 PA: LAUREN BUSH /
 Drawn By: Author
 Checked By: BP

Drawing Info:

A822.1

POB - ENLARGED PLANS & ELEVATIONS - LEVEL 7

WALL LEGEND	
[Symbol]	2 HR PARTITION (ASSEMBLY VARIES)
[Symbol]	1 HR PARTITION (ASSEMBLY VARIES)
[Symbol]	BALLISTIC LEVEL 3 PARTITION (ASSEMBLY VARIES)
[Symbol]	NEW PARTITION (ASSEMBLY VARIES)
[Symbol]	EXISTING PARTITION
[Symbol]	EXISTING PARTITION TO BE DEMOLISHED

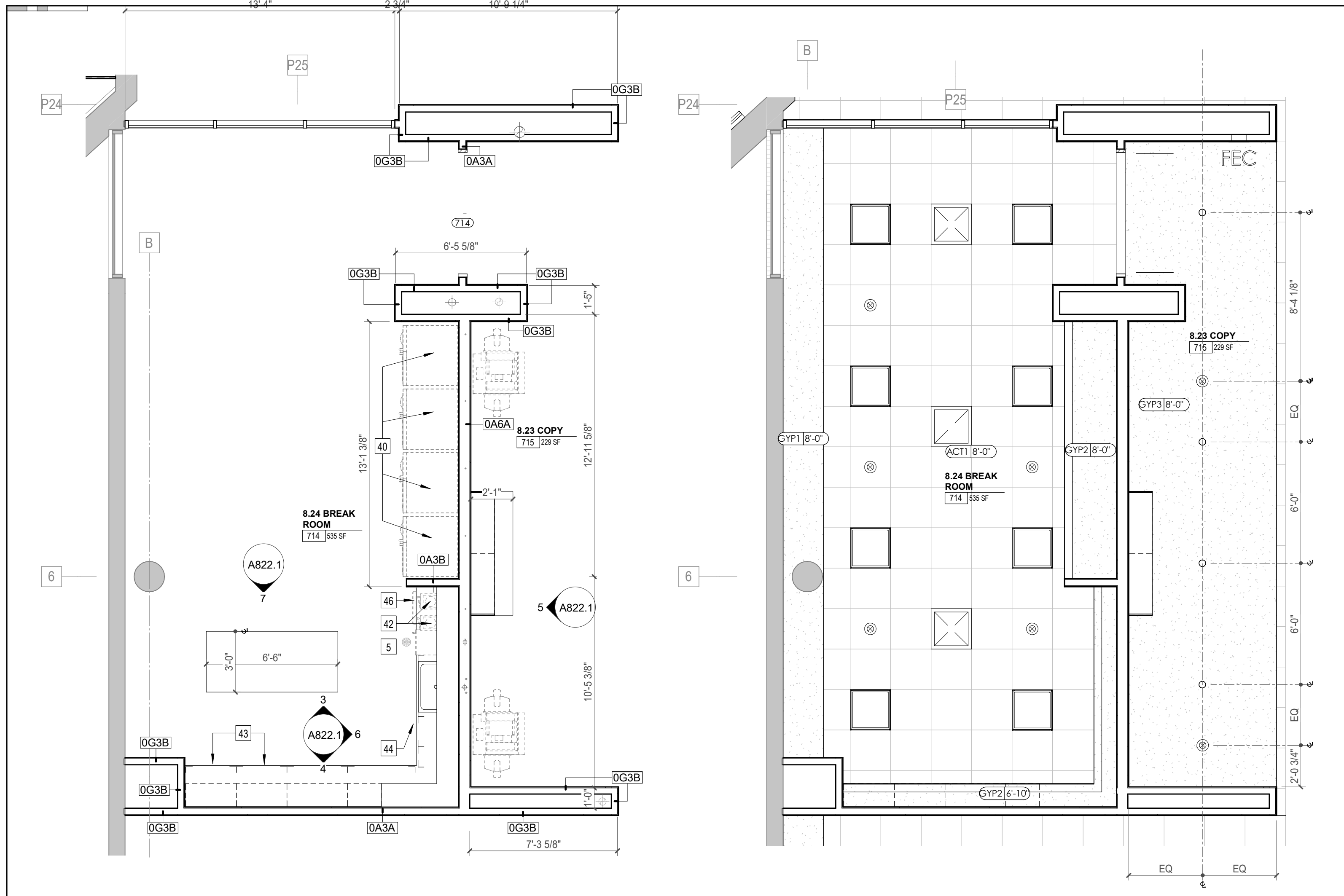
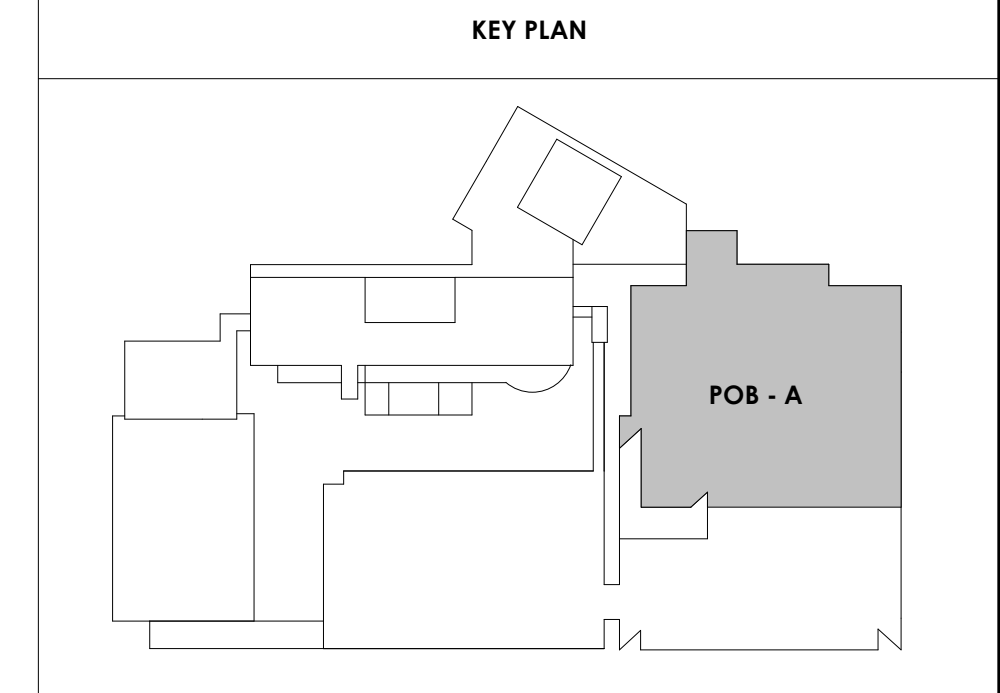
KEYNOTE - FLOOR PLAN	
TAG	TEXT
1	SOFFIT ABOVE (DASHED)
2	EXISTING EGRESS STAIR TO REMAIN - PREP & PAINT EXISTING HANDRAILS, STAIR, & WALLS TO REMAIN
3	EXISTING ELEVATOR TO BE MODIFIED/REPLACED AS REQUIRED TO REACH ALL FOUR (4) FLOORS. SEE ELEVATOR PLANS & DETAILS SHEET FOR INFO.
4	EXISTING ELEVATOR - REFURBISH EQUIPMENT & CONTROLS. NEW FINISHES TO INTERIOR OF CAR AS REQ'D. SEE ELEVATOR PLANS & DETAILS SHEET FOR INFO.
5	NEW FLOOR DRAIN - REFER TO PLUMBING
6	SHADED AREA DENOTES NEW CONCRETE SLAB - REFER TO STRUC.
7	BALLISTIC LEVEL 3 RATING AND GLAZING - 8" O" AFF MIN.
8	MOBILE VEHICLE LIFT
9	OVERHEAD COILING DOOR
10	OWNER PROVIDED WOOD PEW SEATING - N.I.C.
11	OWNER PROVIDED 36" DEEP OPEN SHELVING - N.I.C.
12	18" X 24" X 72" HEAVY DUTY LOCKER WITH DRAWER/BENCH (TYPE 1)
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19	OWNER PROVIDED COPIER - N.I.C.
20	PROVIDE REQ. BLOCKING FOR LOCATIONS WHERE WALL MOUNTED TV MONITORS ARE LOCATED. REFER TO EQUIPMENT PLANS FOR LOCATIONS
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25	MOP SINK - SEE PLUMBING
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28	24" DEEP COUNTERS ON L2X2X1/4" HEAVY DUTY WELDED ANGLE SUPPORT BRACKETS
29	30" DEEP COUNTERS ON L2X2X1/4" HEAVY DUTY WELDED ANGLE SUPPORT BRACKETS
30	18" DEEP COUNTERS ON L2X2X1/4" HEAVY DUTY WELDED ANGLE SUPPORT BRACKETS
31	PROVIDE NEW HANDRAILS, GUARDRAILS AND EGRESS STAIR ILLUMINATION. PREP AND PAINT EXISTING STAIR & WALLS TO REMAIN
32	OPERABLE FOLDING PARTITION WITH EGRESS DOORS
33	NEW DROP BOX
34	HIGH LOW WATER COOLER
35	OWNER PROVIDED HIGH DENSITY MOBILE STORAGE SYSTEM AND OVERSLAB RAILS
36	6" DEEP SHELF
37	ABANDON EXISTING ELEVATOR
38	EXISTING FULL HEIGHT SPANDREL PANEL
39	TWO-WAY COMMUNICATOR (BLACK FINISH). PROVIDE CUTSHEET AND VERIFY COLOR SELECTION WITH MFR PRIOR TO PURCHASE - BASIS OF DESIGN AULTUS BY C.R. LAURENCE
40	OWNER PROVIDED REFRIGERATOR, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
41	OWNER PROVIDED REFRIGERATOR UNDERCOUNTER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
42	OWNER PROVIDED BUIN COFFEE MAKER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
43	OWNER PROVIDED MICROWAVE UNDERCOUNTER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
44	OWNER PROVIDED UNDERCOUNTER DISHWASHER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
45	OWNER PROVIDED COOKTOP AND HOOD, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
46	OWNER PROVIDED ICE MAKER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
47	NEW WATER HEATER - SEE PLUMBING
48	WALL MOUNTED MOP & BROOM HOLDER
49	REINFORCED CONCRETE FLOOR TO BE GLAZED
50	IMPACT RESISTANT STEEL BOLLARD. GENERAL LOCATION SHOWN. COORDINATE LOCATION IN FIELD. REFER TO DETAIL (S/A840)
51	NEW CONCRETE RAMP. SEE SITE DETAILS A840 & STRUCTURAL DRAWINGS FOR INFO.
52	NEW SHOOTING RANGE. SEE SHOOTING RANGE PLANS A108 FOR INFO.
53	PROVIDE WHEEL STOPS AT ACCESSIBLE PARKING LOCATIONS
54	NEW FOLDING ARM. SEE ELECTRICAL PLAN FOR ADDITIONAL INFORMATION
55	NEW BADGE IN ACCESS READER. SEE SHEET AS 120 AND ELECTRICAL FOR ADDITIONAL INFORMATION
56	RESTRIP PARKING TO ACCOMMODATE FOR ACCESSIBLE PARKING SPACES SHOWN. REFER TO CIVIL FOR ADA SIGNAGE AND PARKING SYMBOLS
57	NEW TRENCH DRAIN - SEE PLUMBING
58	NEW HOSE BIB - SEE PLUMBING
59	EYE WASH - SEE PLUMBING
60	1" FLUSH FLOOR TO FLOOR 2 HR EXPANSION JOINT (TYPE 1) TO MATCH ADJACENT TILE - SEE STRUC AND DETAILS ON A111.2
61	1" FLUSH FLOOR TO FLOOR 2 HR EXPANSION JOINT (TYPE 2) TO MATCH ADJACENT CARPET - SEE STRUC AND DETAILS ON A111.2
62	1" FLUSH FLOOR TO WALL 2 HR EXPANSION JOINT (TYPE 3) TO MATCH ADJACENT CARPET - SEE STRUC AND DETAILS ON A111.2
63	1" FLUSH FLOOR TO WALL 2 HR EXPANSION JOINT (TYPE 4) TO MATCH ADJACENT TILE - SEE STRUC AND DETAILS ON A111.2
64	1" FLUSH WALL CEILING TO WALL CEILING EXPANSION JOINT (TYPE 5) TO MATCH ADJACENT PAINT COLOR - SEE STRUC AND DETAILS ON A111.2
65	1" EXPANSION JOINT (TYPE 6) TO MATCH ADJACENT BRICK - SEE STRUC AND DETAILS
66	ADA PUSH BUTTON
67	FLOOR BOX - VERIFY FINAL LOCATION PRIOR TO INSTALLATION W/ ARCHITECT. COORDINATE W/ SYSTEMS FURNITURE - SEE ELECTRICAL
68	OWNER PROVIDED VENDING MACHINE, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
69	CEILING MOUNTED TV. PROVIDE NECESSARY MOUNTING HARDWARE - SEE ELECTRICAL AND TELECOMMUNICATIONS
70	OWNER PROVIDED MICROWAVE, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
71	24" DEEP STAINLESS PASS THROUGH COUNTER INSTALLED 34" A.F.F. SEE ENLARGED PLANS FOR INFO.

REFLECTED CEILING PLAN LEGEND	
[Symbol]	24" X 24" ACOUSTICAL CEILING TILE GRID
[Symbol]	44" X 48" ACOUSTICAL CEILING TILE GRID
[Symbol]	GYPSUM BOARD CEILING
[Symbol]	WOOD PANEL CEILING
[Symbol]	EIFS SOFFIT

**SUSPENDED CEILING AND GRID TO MEET SEISMIC DESIGN REQUIREMENTS AND ASTM C635 AND ASTM C636 - REFER TO SPECIFICATIONS

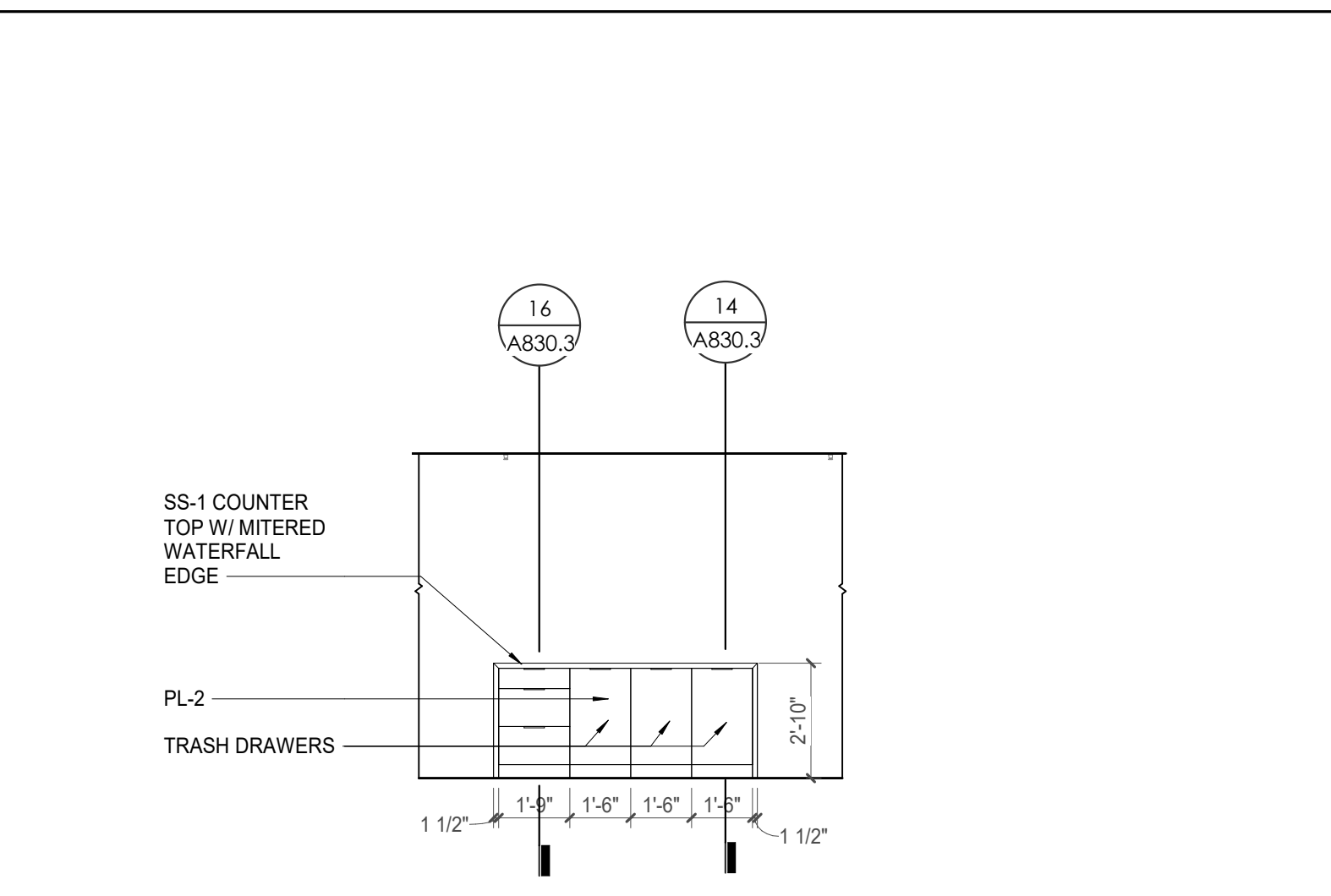
Symbol	Text
[Symbol]	CEILING TYPE INDICATOR
[Symbol]	CEILING HEIGHT AFF
[Symbol]	CEILING TYPE INDICATOR
[Symbol]	CEILING TYPES:
[Symbol]	GYP: GYPSUM BOARD CEILING
[Symbol]	ACT: ACOUSTICAL TILE CEILING
[Symbol]	MTL: METAL PANEL SOFFIT
[Symbol]	EXP: EXPOSED TO STRUCTURE
[Symbol]	4" DIA. RECESSED CAN LIGHT
[Symbol]	AIMABLE DOWNLIGHT
[Symbol]	4" RECESSED WALL WASH DOWNLIGHT
[Symbol]	RAZOR WALL WASH DOWNLIGHT
[Symbol]	2 X 2 TROFFER
[Symbol]	LED STRIP
[Symbol]	SURFACE MOUNT STRIP LIGHT
[Symbol]	CONTINUOUS LINEAR LED DOWNLIGHT
[Symbol]	DIRECT-INDIRECT LINEAR PENDANT
[Symbol]	EXIT SIGN, SHADED QUADRANTS INDICATE NUMBER OF FACES. PROVIDE DIRECTIONAL ARROWS AS SHOWN.
[Symbol]	EMERGENCY LIGHT
[Symbol]	ED - WET LOCATION EXIT DISCHARGE LIGHT
[Symbol]	CEILING MOUNTED SPEAKER
[Symbol]	SPRINKLER HEAD, CENTER IN CEILING TILE (UNO)
[Symbol]	HVAC CEILING SUPPLY
[Symbol]	HVAC CEILING RETURN
[Symbol]	HVAC LINEAR SUPPLY
[Symbol]	HVAC LINEAR RETURN
[Symbol]	ACCESS PANEL

KEYNOTES - REFLECTED CEILING PLAN	
Tag	Text
1	6" PREFINISHED ALUMINUM TRIM AT PERIMETER
2	6" INTEGRATED ALUMINUM TECHZONE CHANNEL - LIGHTING AND MECHANICAL SUPPLY RETURN
3	OPERABLE WALL PARTITION
4	ROLLER WINDOW SHADES AT ALL EXTERIOR WORKSPACE WINDOWS - TYP
5	GYP. BD. SOFFIT AT PERIMETER
6	6" PREFORMED ALUMINUM COVE REVEAL
7	1" PREFORMED ALUMINUM REVEAL
8	EXISTING LIGHT FIXTURES IN GARAGES TO REMAIN
9	LOCATION OF CLEARESTORY WINDOWS ABOVE 9'-0" GYP. BD. SOFFIT.
10	EXISTING LIGHT FIXTURES TO BE REINSTALLED IN NEW CEILING TILE AND GRID - VERIFY EXISTING FIXTURE LOCATIONS IN FIELD
11	LOCKERS BELOW (DASHED)
12	NEW FABRICATED STAINLESS STEEL PAN WITH RUBBERIZED COATING, SLOPED TOWARD DRAIN UNDER WATER HEATER IN ADJACENT ROOM. SEE SECTION FOR INFO.
13	PROVIDE NEW GYP. BD. SOFFIT ON EXISTING MTL STUD SOFFIT FRAMING TO REMAIN - VERIFY IN FIELD
14	BLACK OUT ROLLER WINDOW SHADES AT ALL EXTERIOR CLASSROOM WINDOWS - TYP
15	PATCH AND REPLACE EXISTING EIFS SOFFIT AS REQUIRED TO COMPLETE THE WORK
16	NEW MANUAL OVERHEAD COILING DOOR & FRAME, 45 MIN RATED.
17	REMOVE EXISTING EIFS SOFFIT AND PROVIDE NEW SUSPENDED EIFS SOFFIT WITH R-30 BATT INSULATION IN OVERHANG CAVITY

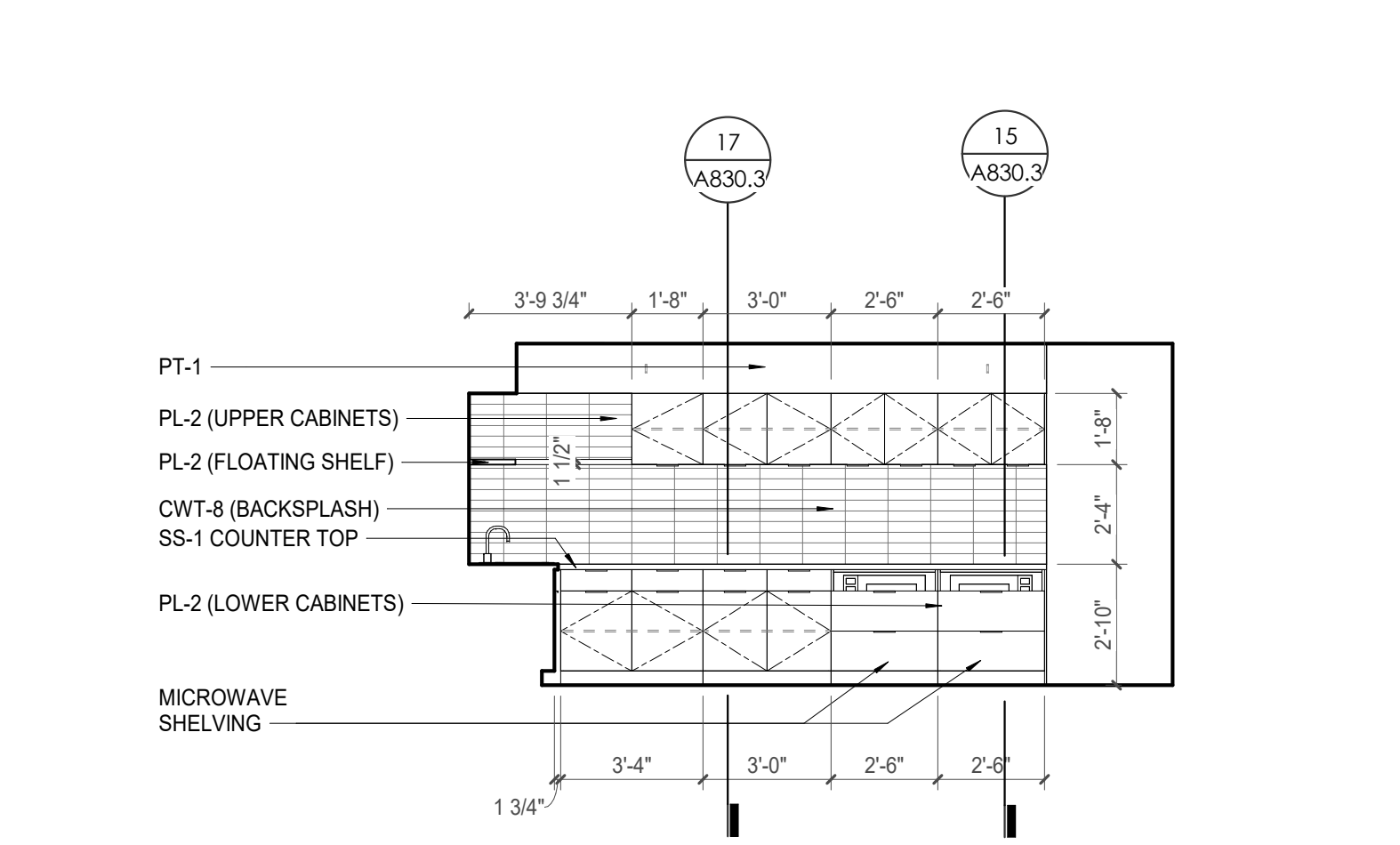


1 ENLARGED PLAN - POB - OFFICE LEVEL 7 - 8.24 BREAK ROOM 714/8.23 COPY 715
 1/4" = 1'-0"

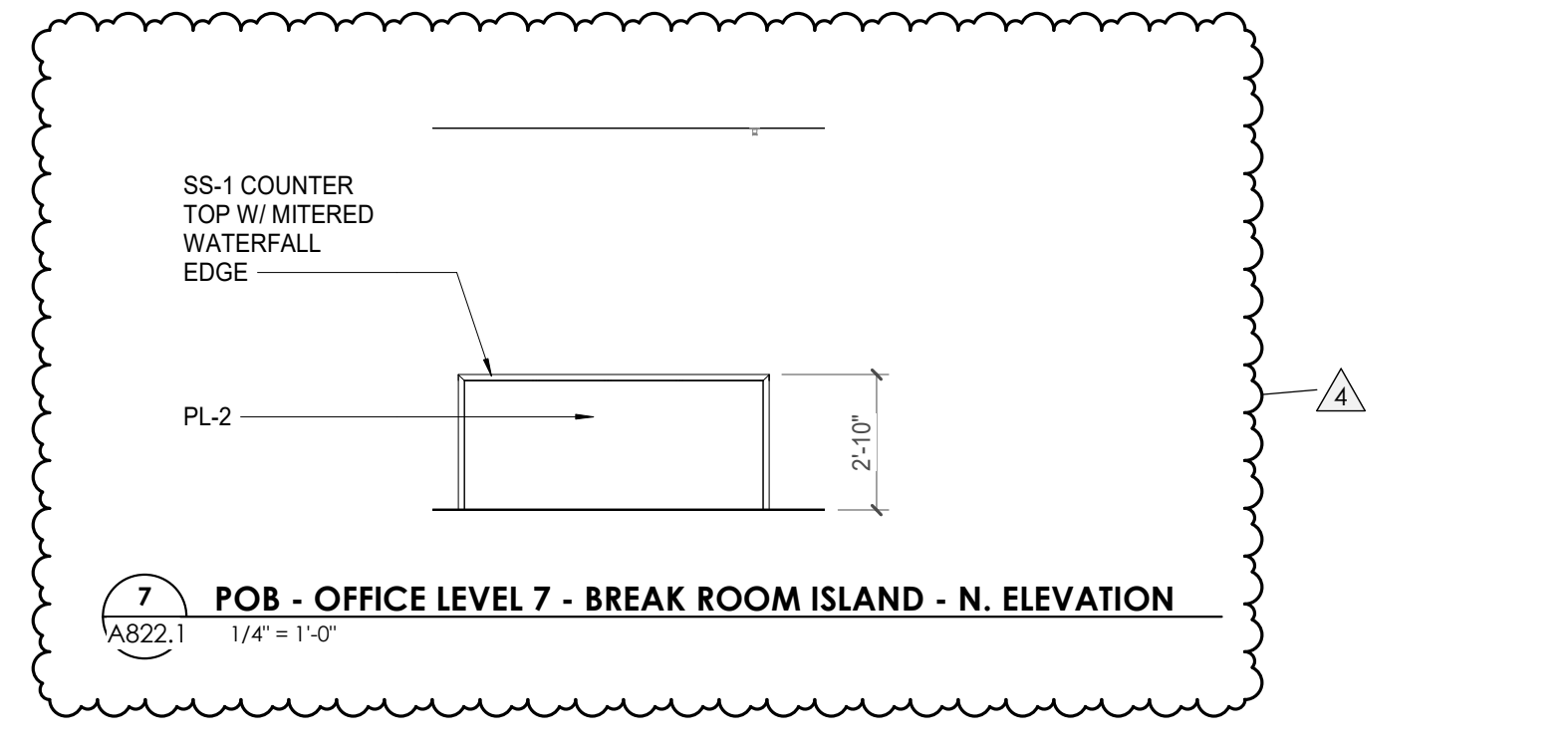
2 ENLARGED RCP - POB - OFFICE LEVEL 7 - 8.24 BREAK ROOM 714/8.23 COPY 715
 1/4" = 1'-0"



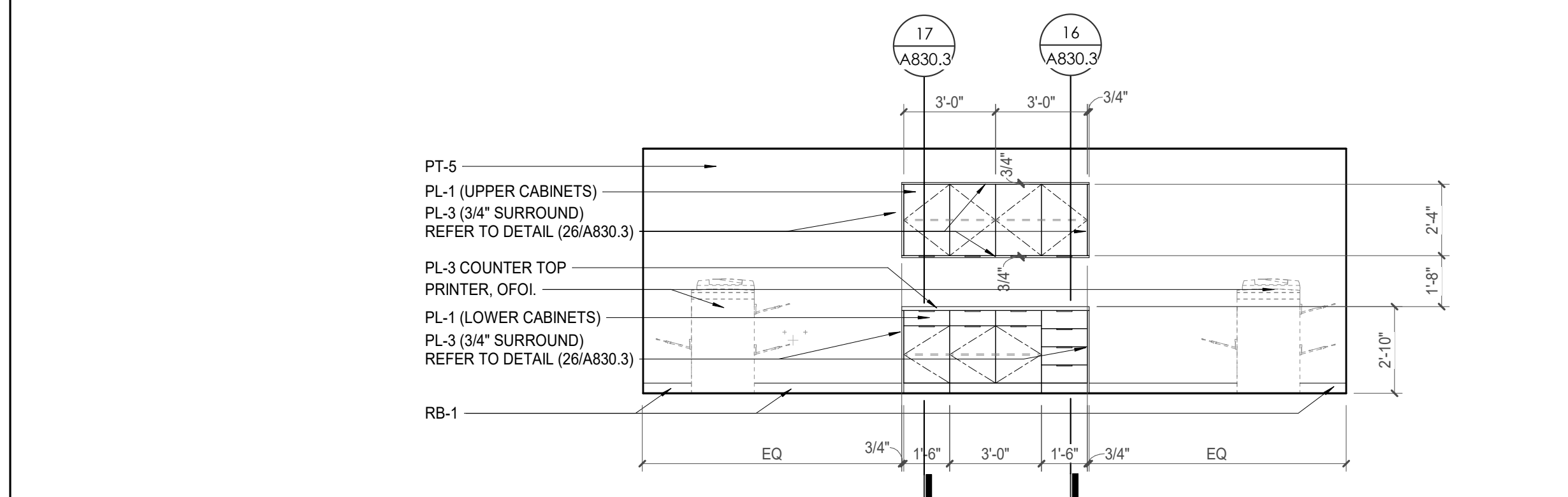
3 POB - OFFICE LEVEL 7 - BREAK ROOM - N. ELEVATION
 1/4" = 1'-0"



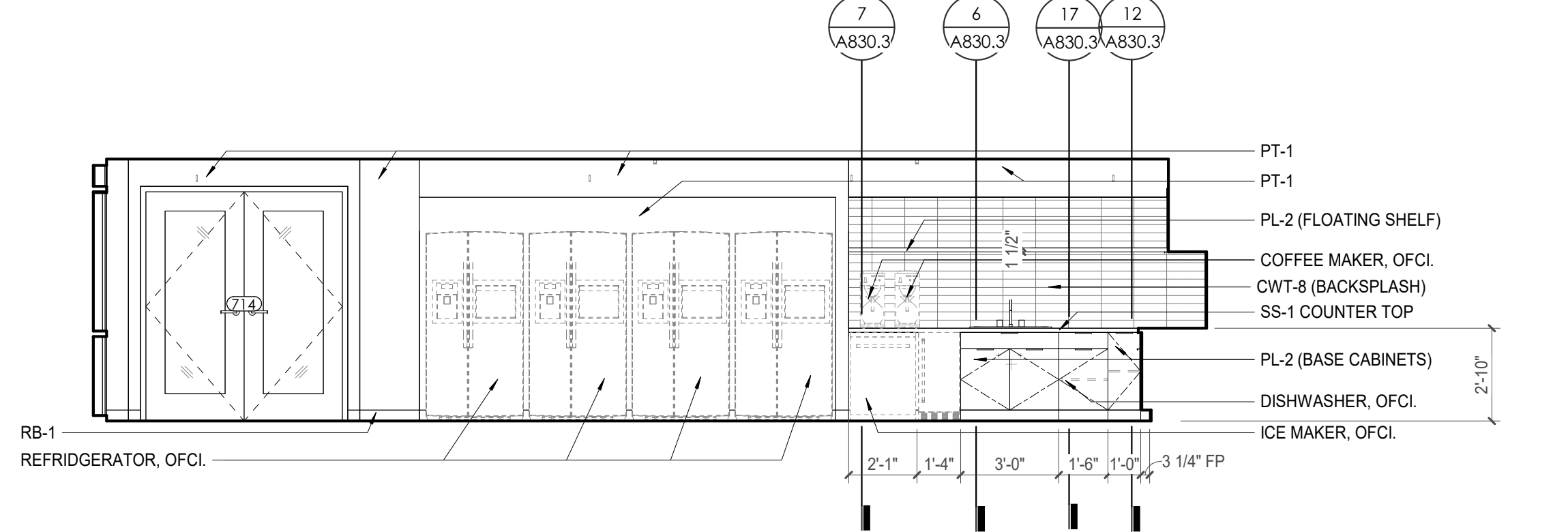
4 POB - OFFICE LEVEL 7 - BREAK ROOM - S. ELEVATION
 1/4" = 1'-0"



7 POB - OFFICE LEVEL 7 - BREAK ROOM ISLAND - N. ELEVATION
 1/4" = 1'-0"



5 POB - OFFICE LEVEL 7 - COPY - W. ELEVATION
 1/4" = 1'-0"



6 POB - OFFICE LEVEL 7 - BREAK ROOM - E. ELEVATION
 1/4" = 1'-0"



Project Information:

19018

COK SAFETY BUILDING

900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:

Architects Design Group

Issue Date: FEBRUARY 1, 2021

PKC DAVID COLLINS

PM JOHN THURMAN

PA LAUREN BUSH /

Drawn By: NATHY GRULLON

Checked By: BP

Drawing Info:

A822.2

POB - ENLARGED PLANS & ELEVATIONS - LEVEL 7

REFLECTED CEILING PLAN LEGEND

- 24" x 24" ACOUSTICAL CEILING TILE GRID
- 44" x 48" ACOUSTICAL CEILING TILE GRID
- GYPSUM BOARD CEILING
- WOOD PANEL CEILING
- EIFS SOFFIT
- CEILING TYPE INDICATOR
- CEILING HEIGHT AFF
- CEILING TYPE INDICATOR
- CEILING TYPES:
 - GYP: GYPSUM BOARD CEILING
 - ACT: ACOUSTICAL TILE CEILING
 - MTL: METAL PANEL SOFFIT
 - EXP: EXPOSED TO STRUCTURE
- 4" DIA. RECESSED CAN LIGHT
- AIMABLE DOWNLIGHT
- 4" RECESSED WALL WASH DOWNLIGHT
- RZOR WALL WASH DOWNLIGHT
- 2 X 2 TROFFER
- LED STRIP
- SURFACE MOUNT STRIP LIGHT
- CONTINUOUS LINEAR LED DOWNLIGHT
- DIRECT-INDIRECT LINEAR PENDANT
- EXIT SIGN, SHADED QUADRANTS INDICATE NUMBER OF FACES. PROVIDE DIRECTIONAL ARROWS AS SHOWN.
- EMERGENCY LIGHT
- ED - WET LOCATION EXIT DISCHARGE LIGHT
- CEILING MOUNTED SPEAKER
- SPRINKLER HEAD, CENTER IN CEILING TILE (UNO)
- HVAC CEILING SUPPLY
- HVAC CEILING RETURN
- HVAC LINEAR SUPPLY
- HVAC LINEAR RETURN
- ACCESS PANEL

WALL LEGEND

- 2 HR PARTITION (ASSEMBLY VARIES)
- 1 HR PARTITION (ASSEMBLY VARIES)
- BALLISTIC LEVEL 3 PARTITION (ASSEMBLY VARIES)
- NEW PARTITION (ASSEMBLY VARIES)
- EXISTING PARTITION
- EXISTING PARTITION TO BE DEMOLISHED

KEYNOTE - FLOOR PLAN

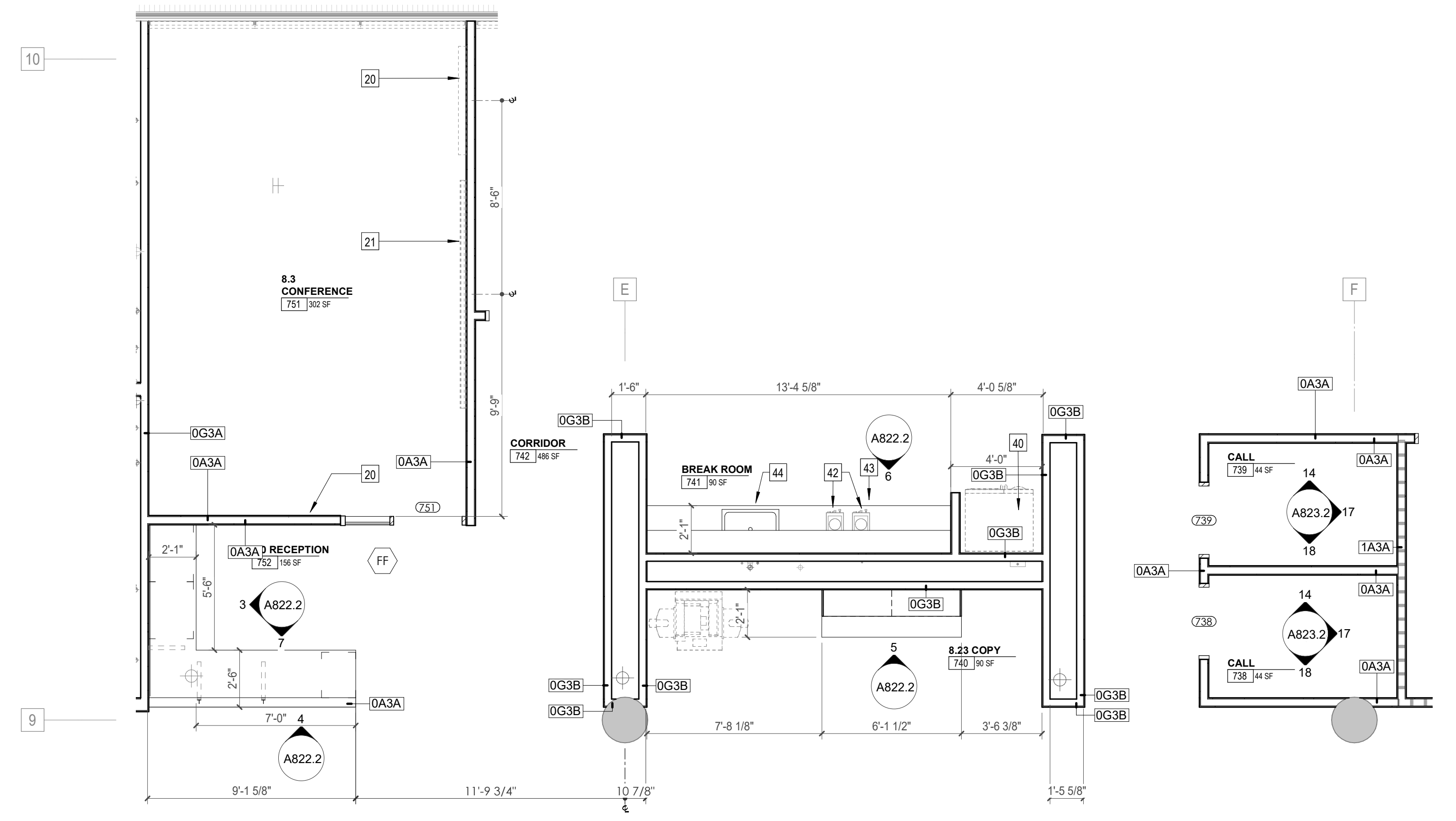
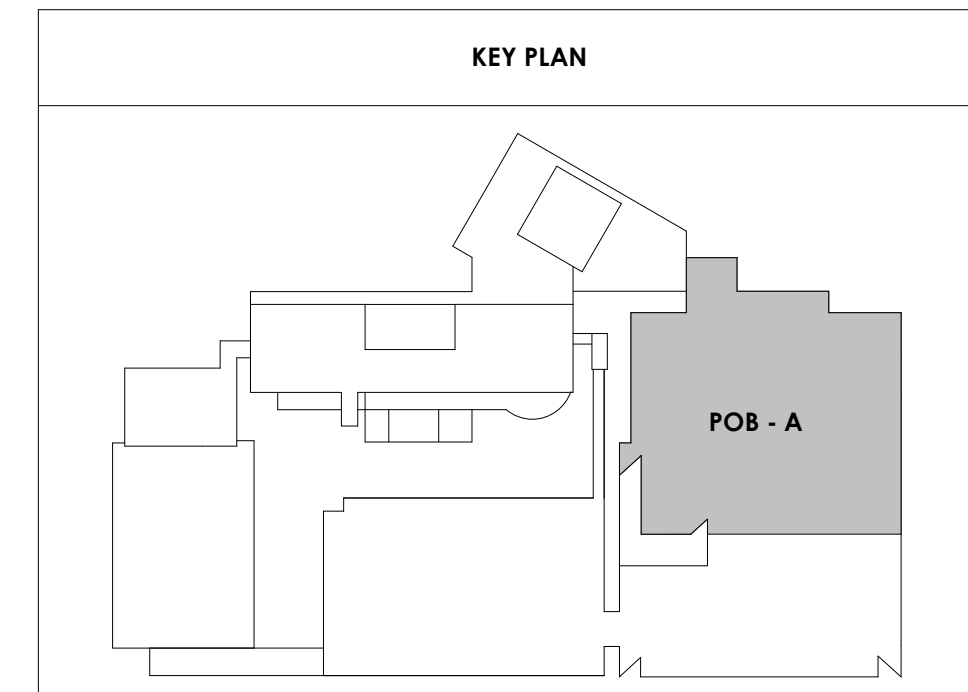
TAG	TEXT
1	SOFFIT ABOVE (DASHED)
2	EXISTING EGRESS STAIR TO REMAIN - PREP & PAINT EXISTING HANDRAILS, STAIR, & WALLS TO REMAIN
3	EXISTING ELEVATOR TO BE MODIFIED/REPLACED AS REQUIRED TO REACH ALL FOUR (4) FLOORS. SEE ELEVATOR PLANS & DETAILS SHEET FOR INFO.
4	EXISTING ELEVATOR - REFURBISH EQUIPMENT & CONTROLS. NEW FINISHES TO INTERIOR OF CAR AS REQ'D. SEE ELEVATOR PLANS & DETAILS SHEET FOR INFO.
5	NEW FLOOR DRAIN - REFER TO PLUMBING
6	SHADED AREA DENOTES NEW CONCRETE SLAB - REFER TO STRUC.
7	BALLISTIC LEVEL 3 RATING AND GLAZING - 8" O" AFF MIN.
8	MOBILE VEHICLE LIFT
9	OVERHEAD COILING DOOR
10	OWNER PROVIDED WOOD PEW SEATING - N.I.C.
11	OWNER PROVIDED 36" DEEP OPEN SHELVING - N.I.C.
12	18" X 24" X 72" HEAVY DUTY LOCKER WITH DRAWER/BENCH (TYPE 1)
13	18" X 24" X 72" HEAVY DUTY THREE TIER LOCKERS (TYPE 2)
14	NEW PASS THRU LOCKERS - TYPE 3
15	RECESSED SIDE ARMS LOCKERS (ONE FOUR DOOR UNIT AT EACH DOOR)
16	PUBLIC WEAPONS STG LOCKERS - TABLET PHONE WALL LOCKERS WITH 12 DOORS (TYPE 5)
17	CANOPY ABOVE (DASHED)
18	OWNER PROVIDED SYSTEMS FURNITURE - N.I.C.
19	OWNER PROVIDED COPIER - N.I.C.
20	PROVIDE REQ. BLOCKING FOR LOCATIONS WHERE WALL MOUNTED TV MONITORS ARE LOCATED. REFER TO EQUIPMENT PLANS FOR LOCATIONS
21	PROVIDE REQ. BLOCKING FOR ALL MARKER BOARD LOCATIONS
22	KNOX BOX (RECESSED)
23	RECESSED CELL PHONE LOCKERS TO MATCH METAL WALL PANEL
24	METAL DETECTOR ENTRY SECURITY
25	MOP SINK - SEE PLUMBING
26	18" DEEP BOOKSHELVES
27	12" DEEP COUNTERS ON L2X2X1/4" HEAVY DUTY WELDED ANGLE SUPPORT BRACKETS
28	24" DEEP COUNTERS ON L2X2X1/4" HEAVY DUTY WELDED ANGLE SUPPORT BRACKETS
29	30" DEEP COUNTERS ON L2X2X1/4" HEAVY DUTY WELDED ANGLE SUPPORT BRACKETS
30	18" DEEP COUNTERS ON L2X2X1/4" HEAVY DUTY WELDED ANGLE SUPPORT BRACKETS
31	PROVIDE NEW HANDRAILS, GUARDRAILS AND EGRESS STAIR ILLUMINATION. PREP AND PAINT EXISTING STAIR & WALLS TO REMAIN
32	OPERABLE FOLDING PARTITION WITH EGRESS DOORS
33	NEW DROP BOX
34	HIGH LOW WATER COOLER
35	OWNER PROVIDED HIGH DENSITY MOBILE STORAGE SYSTEM AND OVERSLAB RAILS
36	6" DEEP SHELF
37	ABANDON EXISTING ELEVATOR
38	EXISTING FULL HEIGHT SPANDREL PANEL
39	TWO-WAY COMMUNICATOR (BLACK FINISH). PROVIDE CUTSHEET AND VERIFY COLOR SELECTION WITH MFR PRIOR TO PURCHASE - BASIS OF DESIGN AULTUS BY C.R. LAURENCE
40	OWNER PROVIDED REFRIGERATOR, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
41	OWNER PROVIDED REFRIGERATOR UNDERCOUNTER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
42	OWNER PROVIDED BUINN COFFEE MAKER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
43	OWNER PROVIDED MICROWAVE UNDERCOUNTER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
44	OWNER PROVIDED UNDERCOUNTER DISHWASHER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
45	OWNER PROVIDED COOKTOP AND HOOD, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
46	OWNER PROVIDED ICE MAKER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
47	NEW WATER HEATER - SEE PLUMBING
48	WALL MOUNTED MOP & BROOM HOLDER
49	RESISTANT TO IMPACT AND TOUGH TO CLEAN FLOOR OF GLAZING
50	IMPACT RESISTANT STEEL BOLLARD. GENERAL LOCATION SHOWN, COORDINATE LOCATION IN FIELD. REFER TO DETAIL 13A/3400.
51	NEW CONCRETE RAMP. SEE SITE DETAILS A540 & STRUCTURAL DRAWINGS FOR INFO.
52	NEW SHOOTING RANGE. SEE SHOOTING RANGE PLANS A108 FOR INFO.
53	PROVIDE WHEEL STOPS AT ACCESSIBLE PARKING LOCATIONS
54	NEW FOLDING ARM. SEE ELECTRICAL PLAN FOR ADDITIONAL INFORMATION
55	NEW BADGE IN ACCESS READER. SEE SHEET AS 020 AND ELECTRICAL FOR ADDITIONAL INFORMATION
56	RESTRIPE PARKING TO ACCOMMODATE FOR ACCESSIBLE PARKING SPACES SHOWN. REFER TO CIVIL FOR ADA SIGNAGE AND PARKING SYMBOLS
57	NEW TRENCH DRAIN - SEE PLUMBING
58	NEW HOSE BIB - SEE PLUMBING
59	EYE WASH - SEE PLUMBING
60	1" FLUSH FLOOR TO FLOOR 2 HR EXPANSION JOINT (TYPE 1) TO MATCH ADJACENT TILE - SEE STRUC AND DETAILS ON A111.2
61	1" FLUSH FLOOR TO FLOOR 2 HR EXPANSION JOINT (TYPE 2) TO MATCH ADJACENT CARPET - SEE STRUC AND DETAILS ON A111.2
62	1" FLUSH FLOOR TO WALL 2 HR EXPANSION JOINT (TYPE 3) TO MATCH ADJACENT CARPET - SEE STRUC AND DETAILS ON A111.2
63	1" FLUSH FLOOR TO WALL 2 HR EXPANSION JOINT (TYPE 4) TO MATCH ADJACENT TILE - SEE STRUC AND DETAILS ON A111.2
64	1" FLUSH WALL/CEILING TO WALL/CEILING EXPANSION JOINT (TYPE 5) TO MATCH ADJACENT PAINT COLOR - SEE STRUC AND DETAILS ON A111.2
65	1" EXPANSION JOINT (TYPE 6) TO MATCH ADJACENT BRICK - SEE STRUC AND DETAILS
66	ADA PUSH BUTTON
67	FLOOR BOX - VERIFY FINAL LOCATION PRIOR TO INSTALLATION W/ ARCHITECT. COORDINATE W/ SYSTEMS FURNITURE - SEE ELECTRICAL
68	OWNER PROVIDED VENDING MACHINE, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
69	CEILING MOUNTED TV. PROVIDE NECESSARY MOUNTING HARDWARE - SEE ELECTRICAL AND TELECOMMUNICATIONS
70	OWNER PROVIDED MICROWAVE, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
71	24" DEEP STAINLESS PASS THROUGH COUNTER INSTALLED 34" AFF. SEE ENLARGED PLANS FOR INFO.

KEYNOTES - REFLECTED CEILING PLAN

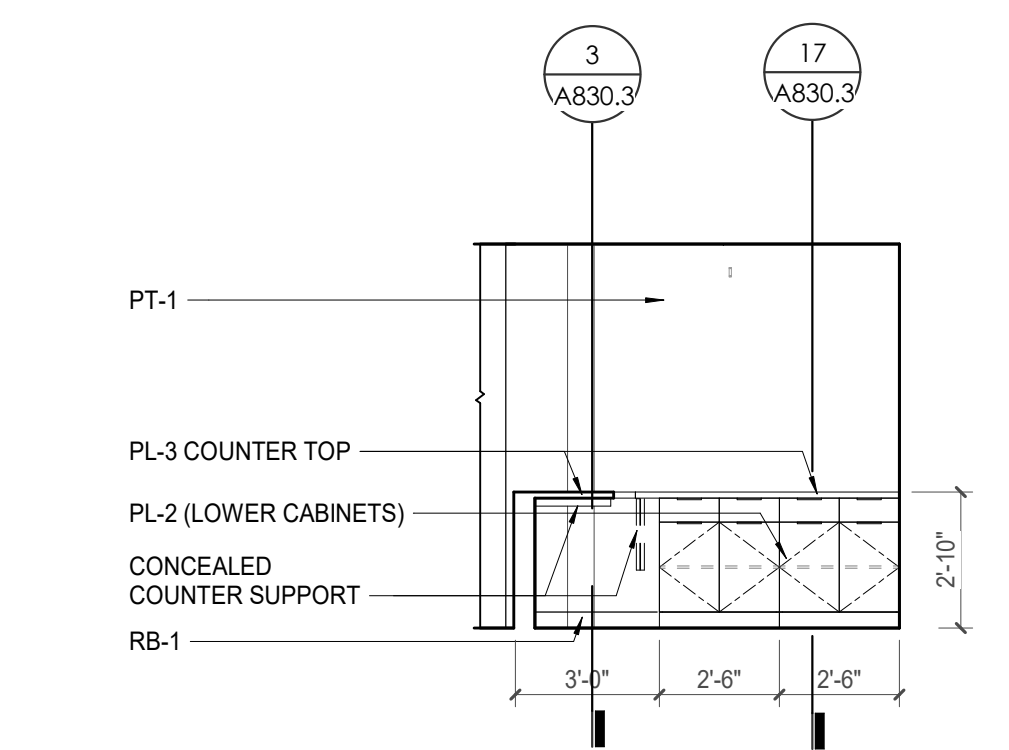
Tag	Text
1	6" PREFINISHED ALUMINUM TRIM AT PERIMETER
2	6" INTEGRATED ALUMINUM TECHZONE CHANNEL - LIGHTING AND MECHANICAL SUPPLY RETURN
3	OPERABLE WALL PARTITION
4	ROLLER WINDOW SHADES AT ALL EXTERIOR WORKSPACE WINDOWS - TYP
5	GYP. BD. SOFFIT AT PERIMETER
6	6" PREFORMED ALUMINUM COVE REVEAL
7	1" PREFORMED ALUMINUM REVEAL
8	EXISTING LIGHT FIXTURES IN GARAGES TO REMAIN
9	LOCATION OF CLEARESTORY WINDOWS ABOVE 9'4" GYP. BD. SOFFIT.
10	EXISTING LIGHT FIXTURES TO BE REINSTALLED IN NEW CEILING TILE AND GRID - VERIFY EXISTING FIXTURE LOCATIONS IN FIELD
11	LOCKERS BELOW (DASHED)
12	NEW FABRICATED STAINLESS STEEL PAN WITH RUBBERIZED COATING, SLOPED TOWARD DRAIN UNDER WATER HEATER IN ADJACENT ROOM. SEE SECTION FOR INFO.
13	PROVIDE NEW GYP. BD. SOFFIT ON EXISTING MTL STUD SOFFIT FRAMING TO REMAIN - VERIFY IN FIELD
14	BLACK OUT ROLLER WINDOW SHADES AT ALL EXTERIOR CLASSROOM WINDOWS - TYP
15	PATCH AND REPLACE EXISTING EIFS SOFFIT AS REQUIRED TO COMPLETE THE WORK
16	NEW MANUAL OVERHEAD COILING DOOR & FRAME, 45 MIN RATED.
17	REMOVE EXISTING EIFS SOFFIT AND PROVIDE NEW SUSPENDED EIFS SOFFIT WITH R-30 BATT INSULATION IN OVERHANG CAVITY

TOILET ACCESSORIES LEGEND

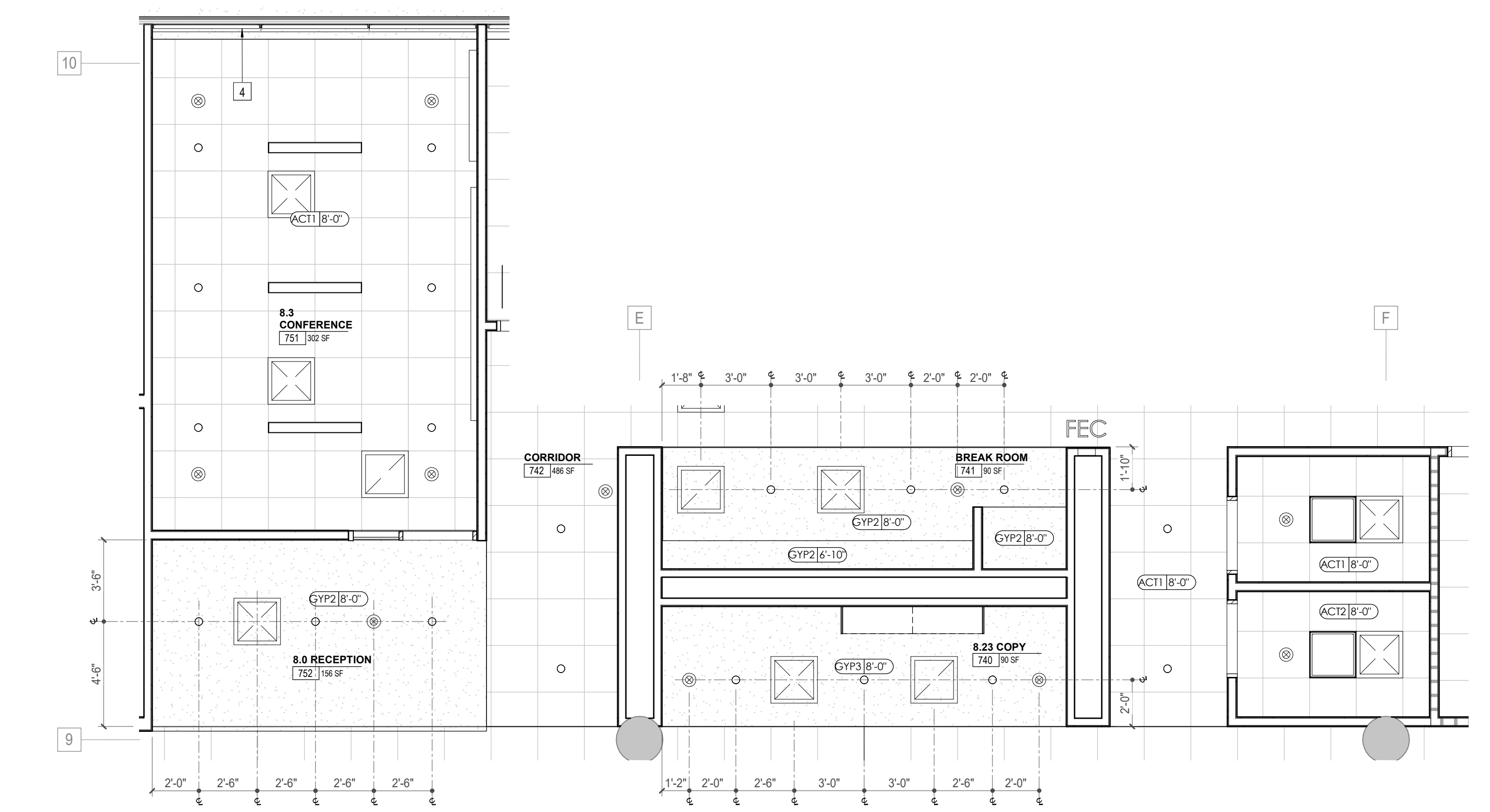
MARK	DESCRIPTION
GBH42	42" HORIZONTAL GRAB BAR, ADA, COLOR: STAINLESS STEEL
GBH36	36" HORIZONTAL GRAB BAR, ADA, COLOR: STAINLESS STEEL
GBV18	18" VERTICAL GRAB BAR, ADA, COLOR: STAINLESS STEEL
MR-01	24" X 36" MIRROR, BLACK FRAME
MR-02	LOCKER ROOM FRAMELESS MIRROR
MR-03	20" X 59" MIRROR, DOOR MOUNTED, BLACK FRAME
FNR-S	FEMININE NAPKIN RECEPTACLE, SURFACE-MTD, FINISH: STAINLESS STEEL
TI-D	TOILET TISSUE, DOUBLE-ROLL DISPENSER, FINISH: BLACK
HD	HAND DRYER, WALL-MOUNTED, FINISH: BLACK
PT-D	AUTOMATIC PAPER TOWEL DISPENSER, WALL-MTD, FINISH: BLACK
WR	WASTE RECEPTACLE, FINISH: BLACK
CS	CHANGING STATION, FINISH: STAINLESS STEEL
CH	COAT HOOK, FINISH: BLACK
SR-01	36" SHOWER ROD, FINISH: BLACK
SR-02	60" SHOWER ROD, FINISH: BLACK
SS	SHOWER SEAT, PER ADA, FINISH: PHENOLIC



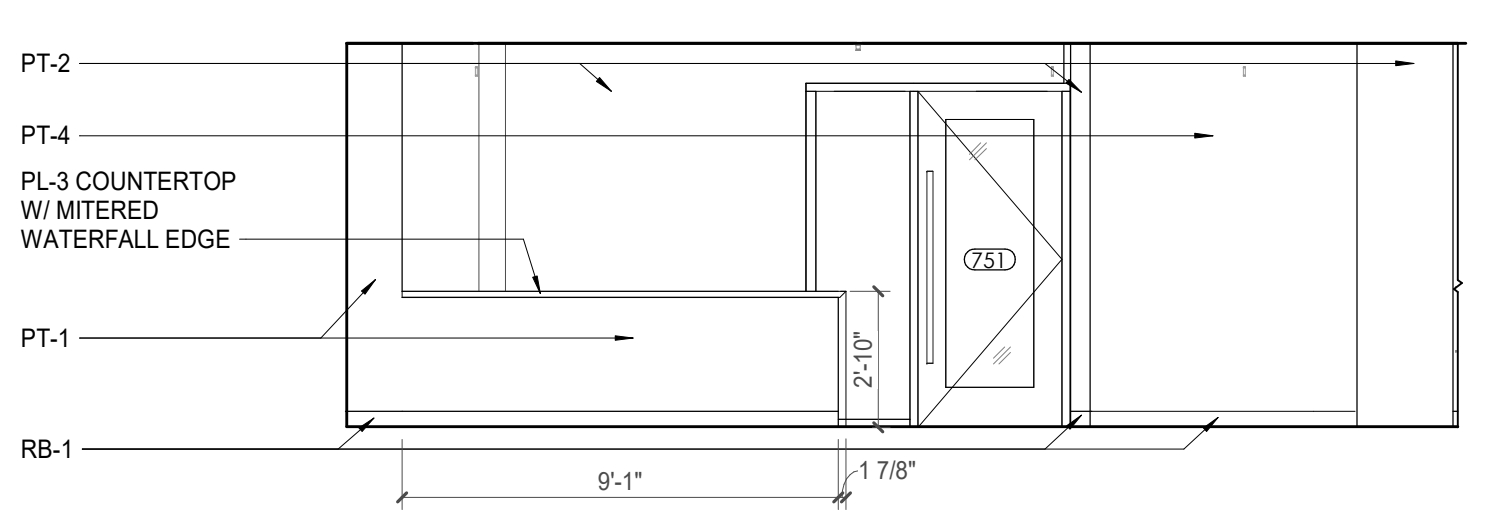
1 ENLARGED PLAN - POB - OFFICE LEVEL 7 - 8.23 COPY 740/8.24 BREAK ROOM 741
1/4" = 1'-0"



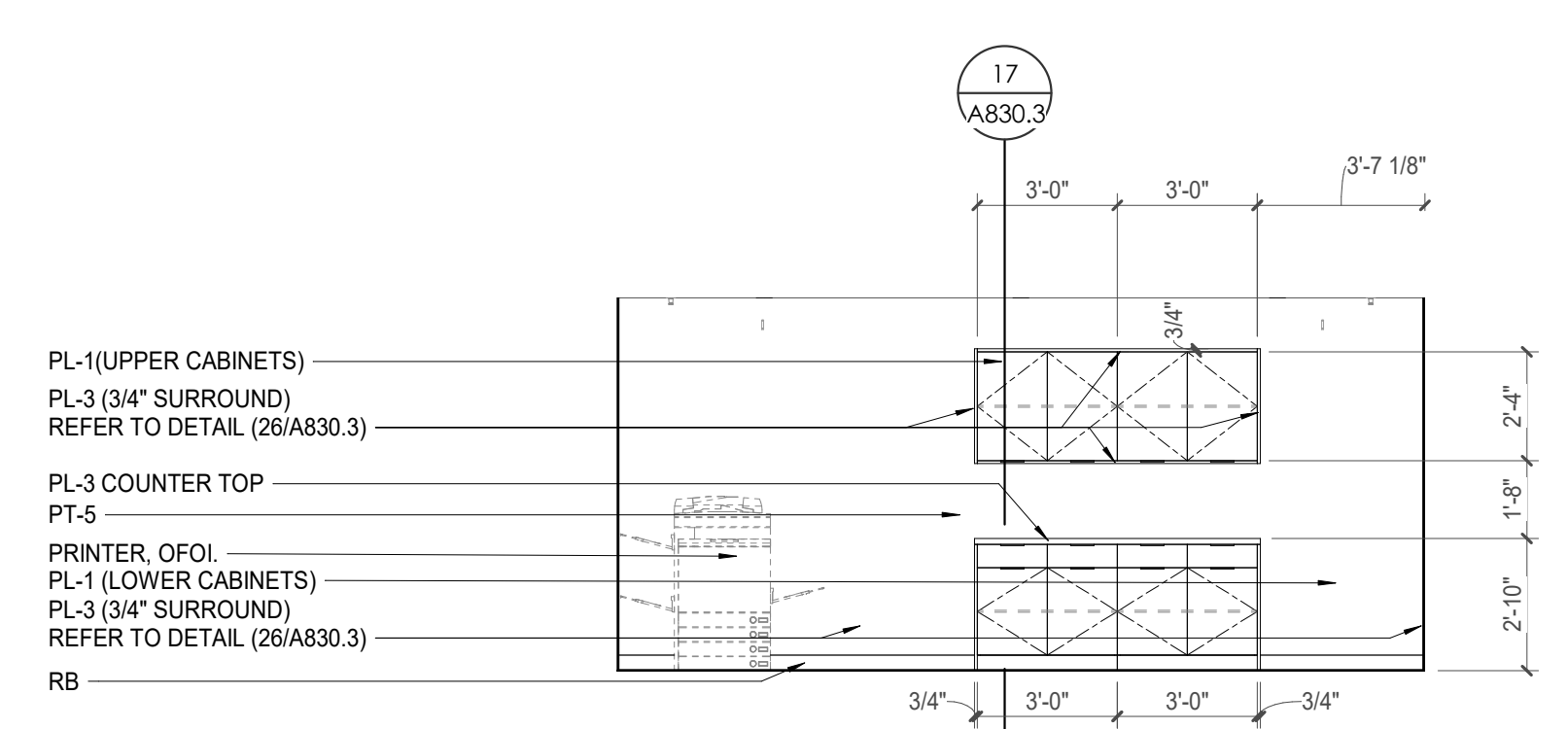
3 POB - OFFICE LEVEL 7 - 8.0 RECEPTION 752 - W. ELEVATION
1/4" = 1'-0"



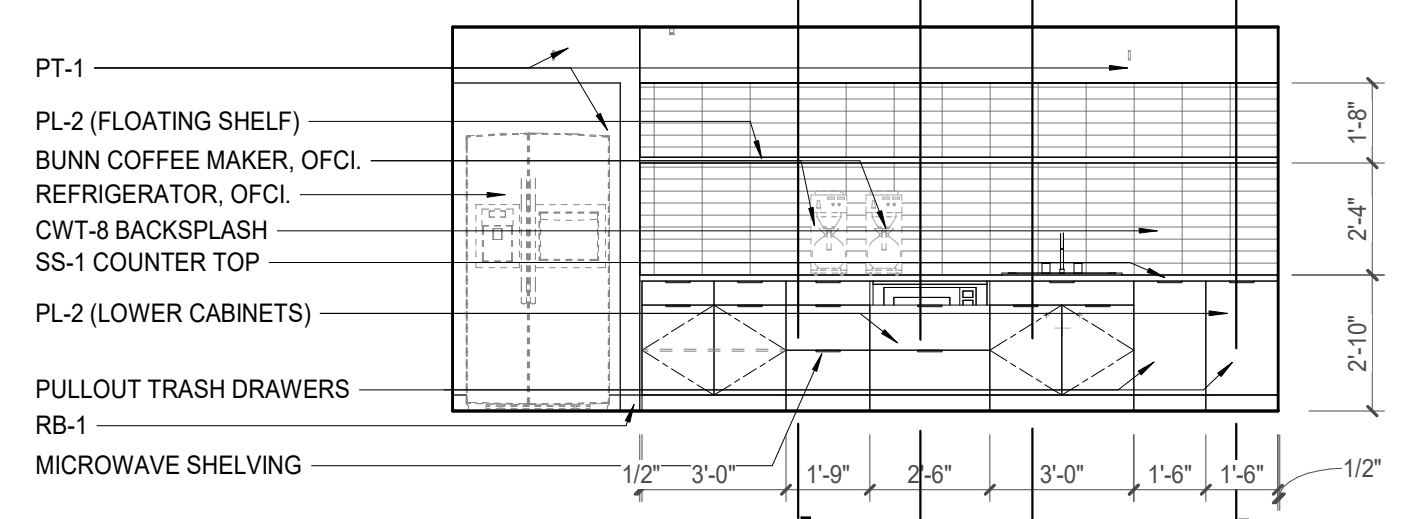
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1/4" = 1'-0"



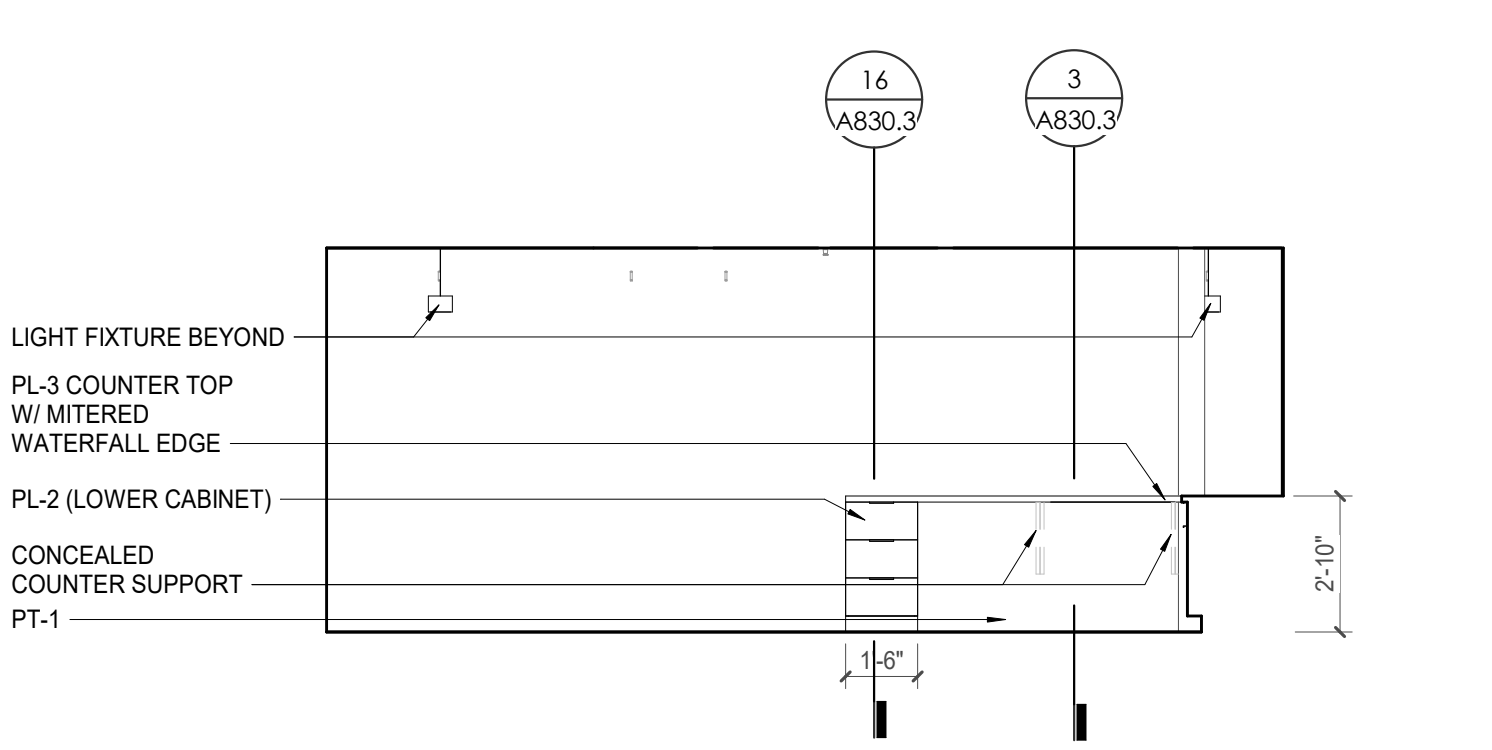
4 POB - OFFICE LEVEL 7 - 8.0 RECEPTION 752 - N. ELEVATION
1/4" = 1'-0"



5 POB - OFFICE LEVEL 7 - 8.23 COPY 740 - N. ELEVATION
1/4" = 1'-0"



6 POB - OFFICE LEVEL 7 - 8.24 BREAK ROOM 741 - S. ELEVATION
1/4" = 1'-0"



7 POB - OFFICE LEVEL 7 - 8.0 RECEPTION 752 - S. ELEVATION
1/4" = 1'-0"



Project Information:

19018

COK SAFETY BUILDING

900 East Oak Hill Ave, Knoxville, TN

Sheet:



Consultant:
Architects Design Group

#	ISSUE	DATE
2	ADD #02.1	02/17/21
4	ADD #04.1	03/03/21

Issue Date: FEBRUARY 1, 2021
 PIC: DAVID COLLINS
 PM: JOHN THURMAN
 PA: LAUREN BUSH /
 Drawn By: Author
 Checked By: BP

Drawing Info:

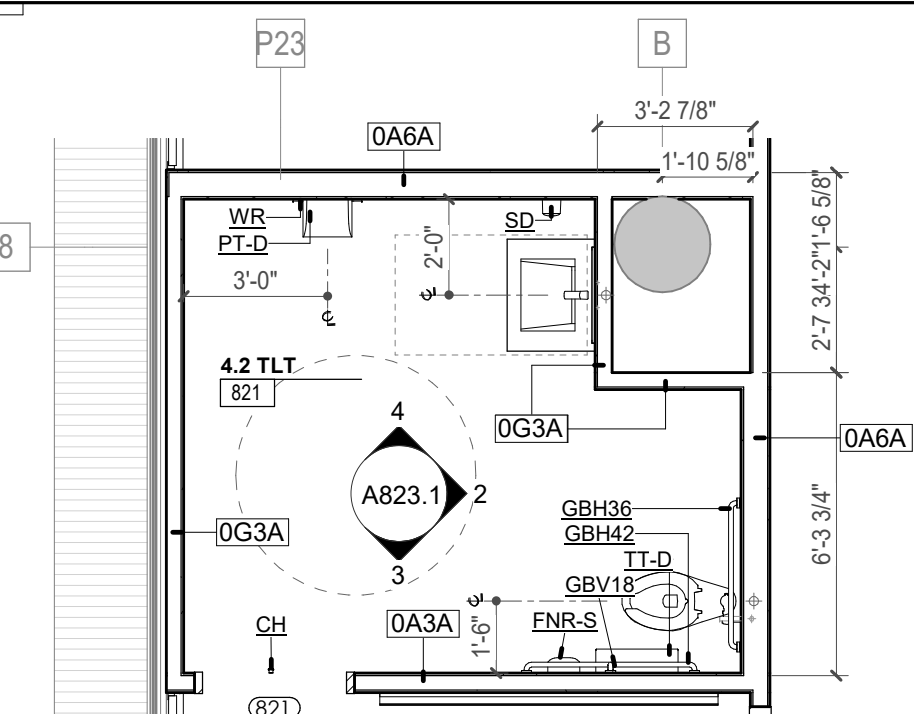
A823.1
 POB - ENLARGED PLANS & ELEVATIONS - LEVEL 8

WALL LEGEND

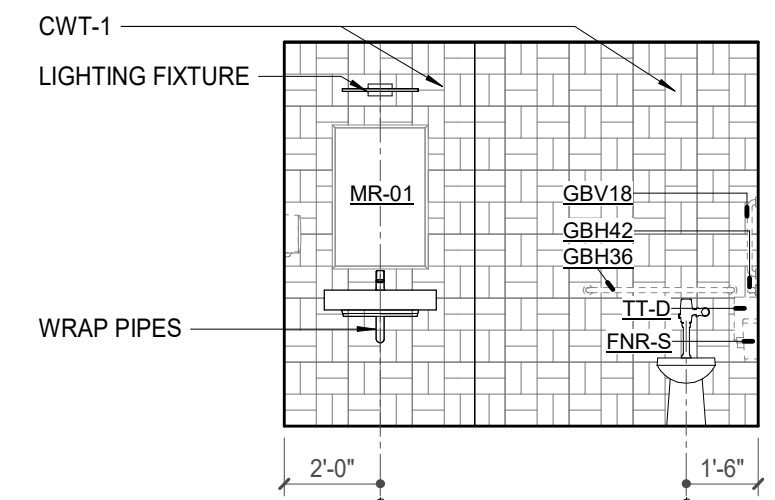
[Dashed Line]	2 HR PARTITION (ASSEMBLY VARIES)
[Dotted Line]	1 HR PARTITION (ASSEMBLY VARIES)
[Thick Solid Line]	BALLISTIC LEVEL 3 PARTITION (ASSEMBLY VARIES)
[Thin Solid Line]	NEW PARTITION (ASSEMBLY VARIES)
[Thick Dashed Line]	EXISTING PARTITION
[Thin Dashed Line]	EXISTING PARTITION TO BE DEMOLISHED

KEYNOTE - FLOOR PLAN

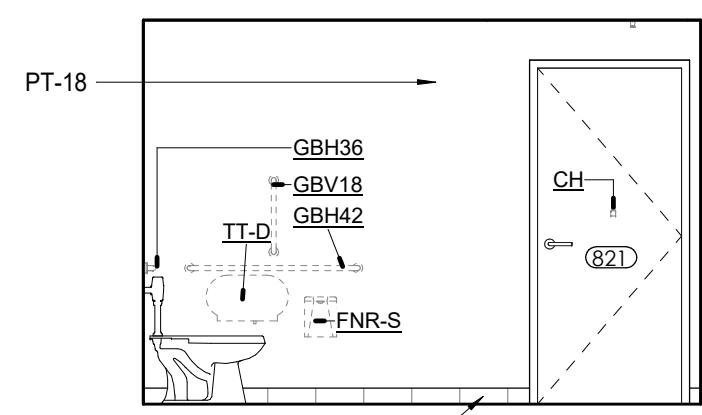
TAG	TEXT
1	SOFFIT ABOVE (DASHED)
2	EXISTING EGRESS STAIR TO REMAIN - PREP & PAINT EXISTING HANDRAILS, STAIR & WALLS TO REMAIN
3	EXISTING ELEVATOR TO BE MODIFIED (REPLACED AS REQUIRED TO REACH ALL FOUR (4) FLOORS. SEE ELEVATOR PLANS & DETAILS SHEET FOR INFO.
4	EXISTING ELEVATOR - REFURBISH EQUIPMENT & CONTROLS. NEW FINISHES TO INTERIOR OF CAR AS REQ'D. SEE ELEVATOR PLANS & DETAILS SHEET FOR INFO.
5	NEW FLOOR DRAIN - REFER TO PLUMBING
6	SHADED AREA DENOTES NEW CONCRETE SLAB - REFER TO STRUC.
7	BALLISTIC LEVEL 3 RATING AND GLAZING - 8" O" AFF MIN.
8	MOBILE VEHICLE LIFT
9	OVERHEAD COILING DOOR
10	OWNER PROVIDED WOOD PEW SEATING - N.I.C.
11	OWNER PROVIDED 36" DEEP OPEN SHELVEING - N.I.C.
12	18" X 24" X 72" HEAVY DUTY LOCKER WITH DRAWER/BENCH (TYPE 1)
13	18" X 24" X 72" HEAVY DUTY THREE TIER LOCKERS (TYPE 2)
14	NEW PASS THRU LOCKERS - TYPE 3
15	RECESSED SIDE ARMS LOCKERS (ONE FOUR DOOR UNIT AT EACH DOOR)
16	PUBLIC WEAPONS STG LOCKERS - TABLET PHONE WALL LOCKERS WITH 12 DOORS (TYPE 5)
17	CANOPY ABOVE (DASHED)
18	OWNER PROVIDED SYSTEMS FURNITURE - N.I.C.
19	OWNER PROVIDED COPIER - N.I.C.
20	PROVIDE REQ. BLOCKING FOR LOCATIONS WHERE WALL MOUNTED TV MONITORS ARE LOCATED REFER TO EQUIPMENT PLANS FOR LOCATIONS
21	PROVIDE REQ. BLOCKING FOR ALL MARKER BOARD LOCATIONS
22	KNOX BOX (RECESSED)
23	RECESSED CELL PHONE LOCKERS TO MATCH METAL WALL PANEL
24	METAL DETECTOR ENTRY SECURITY
25	MOP SINK - SEE PLUMBING
26	18" DEEP BOOKSHELVES
27	12" DEEP COUNTERS ON L2X2X1/4" HEAVY DUTY WELDED ANGLE SUPPORT BRACKETS
28	24" DEEP COUNTERS ON L2X2X1/4" HEAVY DUTY WELDED ANGLE SUPPORT BRACKETS
29	30" DEEP COUNTERS ON L2X2X1/4" HEAVY DUTY WELDED ANGLE SUPPORT BRACKETS
30	18" DEEP COUNTERS ON L2X2X1/4" HEAVY DUTY WELDED ANGLE SUPPORT BRACKETS
31	PROVIDE NEW HANDRAILS, GUARDRAILS AND EGRESS STAIR ILLUMINATION. PREP AND PAINT EXISTING STAIR & WALLS TO REMAIN
32	OPERABLE FOLDING PARTITION WITH EGRESS DOORS
33	NEW DROP BOX
34	HIGH LOW WATER COOLER
35	OWNER PROVIDED HIGH DENSITY MOBILE STORAGE SYSTEM AND OVERSLAB RAILS
36	6" DEEP SHELF
37	ABANDON EXISTING ELEVATOR
38	EXISTING FULL HEIGHT SPANDREL PANEL
39	TWO-WAY COMMUNICATOR (BLACK FINISH). PROVIDE CUTSHEET AND VERIFY COLOR SELECTION WITH MFR PRIOR TO PURCHASE - BASIS OF DESIGN AULTUS BY C.R. LAURENCE
40	OWNER PROVIDED REFRIGERATOR, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
41	OWNER PROVIDED REFRIGERATOR UNDERCOUNTER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
42	OWNER PROVIDED BUUN COFFEE MAKER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
43	OWNER PROVIDED MICROWAVE UNDERCOUNTER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
44	OWNER PROVIDED UNDERCOUNTER DISHWASHER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
45	OWNER PROVIDED COOKTOP AND HOOD, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
46	OWNER PROVIDED ICE MAKER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
47	NEW WATER HEATER - SEE PLUMBING
48	WALL MOUNTED MOP & BROOM HOLDER
49	RESISTANT STEEL BOLLARD. GENERAL LOCATION SHOWN. COORDINATE LOCATION IN FIELD. REFER TO DETAIL (A3A40)
50	IMPACT RESISTANT STEEL BOLLARD. GENERAL LOCATION SHOWN. COORDINATE LOCATION IN FIELD. REFER TO DETAIL (A3A40)
51	NEW CONCRETE RAMP. SEE SITE DETAILS A5400 & STRUCTURAL DRAWINGS FOR INFO.
52	NEW SHOOTING RANGE. SEE SHOOTING RANGE PLANS A108 FOR INFO.
53	PROVIDE WHEEL STOPS AT ACCESSIBLE PARKING LOCATIONS
54	NEW FOLDING ARM. SEE ELECTRICAL PLAN FOR ADDITIONAL INFORMATION
55	NEW BADGE IN ACCESS READER. SEE SHEET AS (20) AND ELECTRICAL FOR ADDITIONAL INFORMATION
56	RESTRIPE PARKING TO ACCOMMODATE FOR ACCESSIBLE PARKING SPACES SHOWN. REFER TO CIVIL FOR ADA SIGNAGE AND PARKING SYMBOLS
57	NEW TRENCH DRAIN - SEE PLUMBING
58	NEW HOSE BIB - SEE PLUMBING
59	EYE WASH - SEE PLUMBING
60	1" FLUSH FLOOR TO FLOOR 2 HR EXPANSION JOINT (TYPE 1) TO MATCH ADJACENT TILE - SEE STRUC AND DETAILS ON A111.2
61	1" FLUSH FLOOR TO FLOOR 2 HR EXPANSION JOINT (TYPE 2) TO MATCH ADJACENT CARPET - SEE STRUC AND DETAILS ON A111.2
62	1" FLUSH FLOOR TO WALL 2 HR EXPANSION JOINT (TYPE 3) TO MATCH ADJACENT CARPET - SEE STRUC AND DETAILS ON A111.2
63	1" FLUSH FLOOR TO WALL 2 HR EXPANSION JOINT (TYPE 4) TO MATCH ADJACENT TILE - SEE STRUC AND DETAILS ON A111.2
64	1" FLUSH WALL/CEILING TO WALL/CEILING EXPANSION JOINT (TYPE 5) TO MATCH ADJACENT PAINT COLOR - SEE STRUC AND DETAILS ON A111.2
65	1" EXPANSION JOINT (TYPE 6) TO MATCH ADJACENT BRICK - SEE STRUC AND DETAILS
66	ADA PUSH BUTTON
67	FLOOR BOX - VERIFY FINAL LOCATION PRIOR TO INSTALLATION W/ ARCHITECT. COORDINATE W/ SYSTEMS FURNITURE - SEE ELECTRICAL.
68	OWNER PROVIDED VENDING MACHINE, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
69	CEILING MOUNTED TV. PROVIDE NECESSARY MOUNTING HARDWARE - SEE ELECTRICAL AND TELECOMMUNICATIONS
70	OWNER PROVIDED MICROWAVE, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
71	24" DEEP STAINLESS PASS THROUGH COUNTER INSTALLED 34" A.F.F. SEE ENLARGED PLANS FOR INFO.



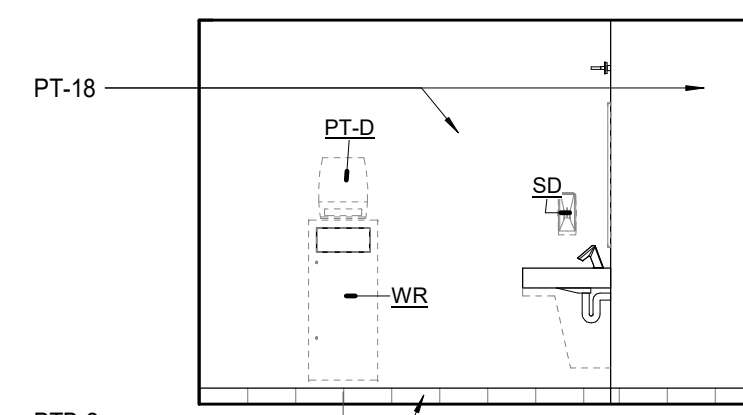
1 ENLARGED PLAN - POB - OFFICE LEVEL 8 - TLT 821
 A823.1 1/4" = 1'-0"



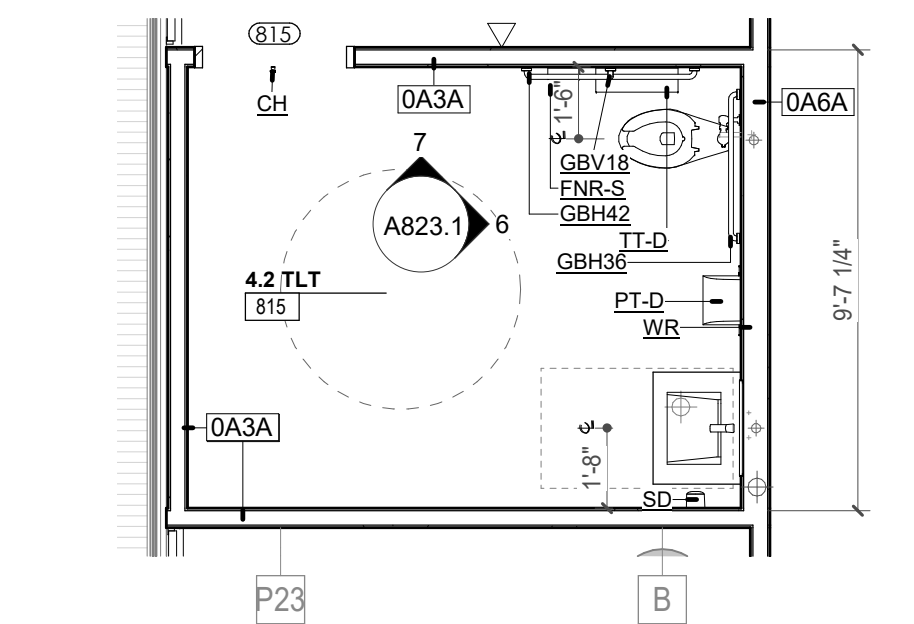
2 POB - OFFICE LEVEL 8 - TLT 821 - E. ELEVATION
 A823.1 1/4" = 1'-0"



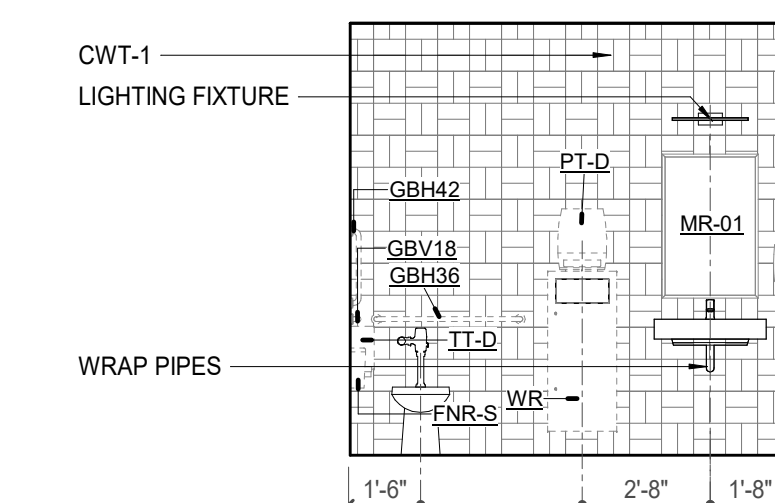
3 POB - OFFICE LEVEL 8 - S. TLT 821 - ELEVATION
 A823.1 1/4" = 1'-0"



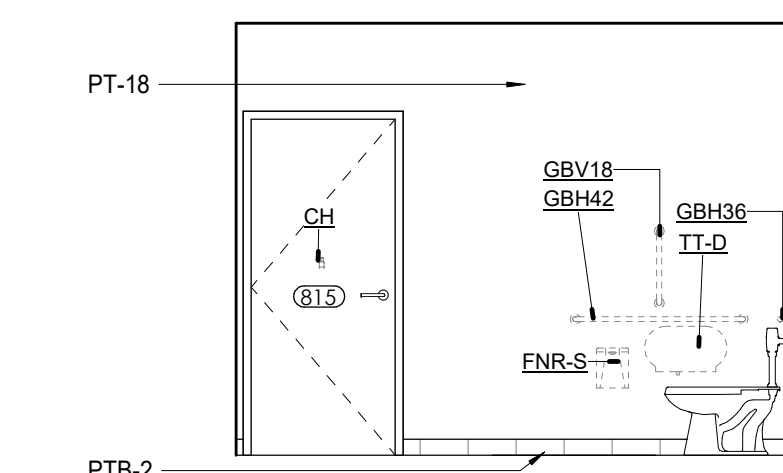
4 POB - OFFICE LEVEL 8 - TLT 821 - N. ELEVATION
 A823.1 1/4" = 1'-0"



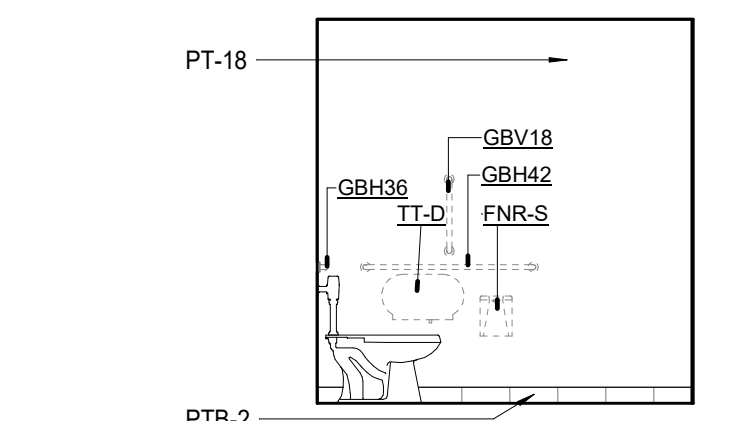
5 ENLARGED PLAN - POB - OFFICE LEVEL 8 - TLT 815
 A823.1 1/4" = 1'-0"



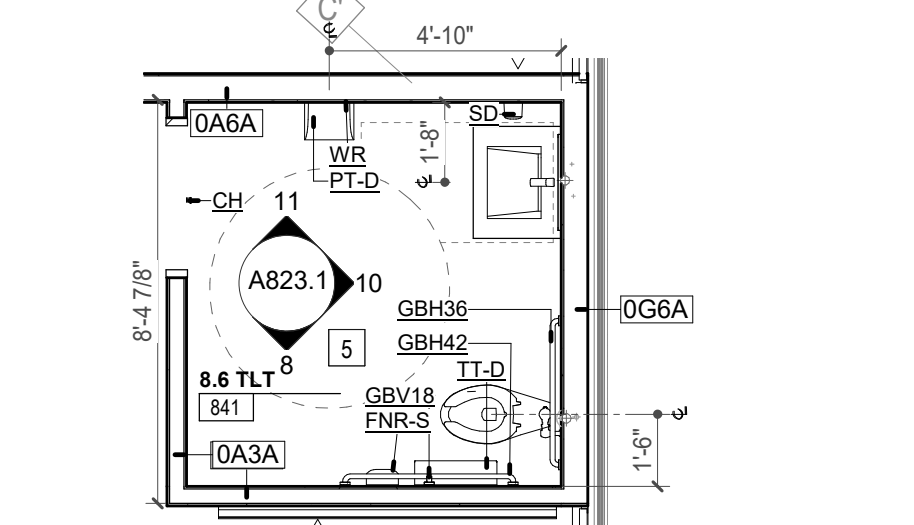
6 POB - OFFICE LEVEL 8 - TLT 815 - E. ELEVATION
 A823.1 1/4" = 1'-0"



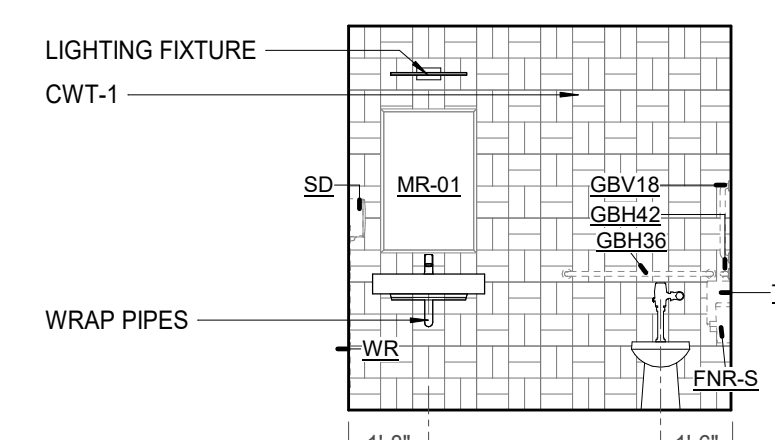
7 POB - OFFICE LEVEL 8 - TLT 815 - N. ELEVATION
 A823.1 1/4" = 1'-0"



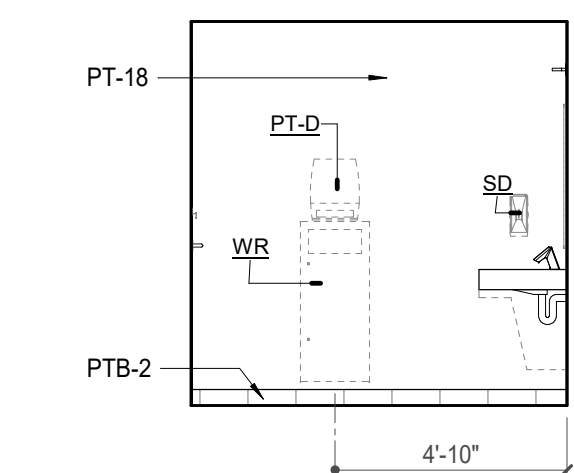
8 POB - OFFICE LEVEL 8 - TLT 841 - S. ELEVATION
 A823.1 1/4" = 1'-0"



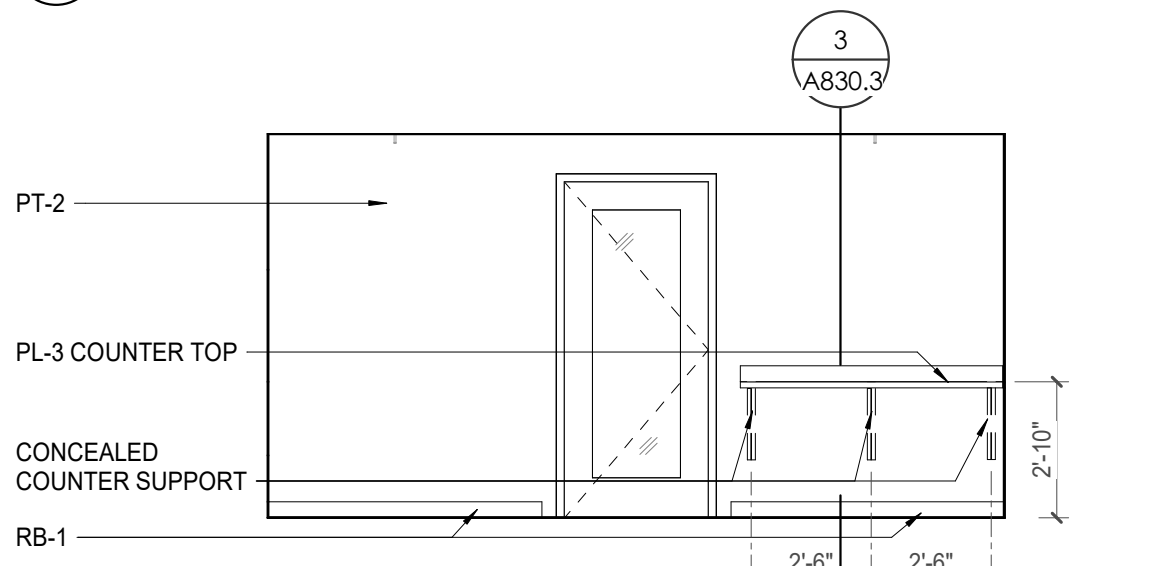
9 ENLARGED PLAN - POB - OFFICE LEVEL 8 - TLT 841
 A823.1 1/4" = 1'-0"



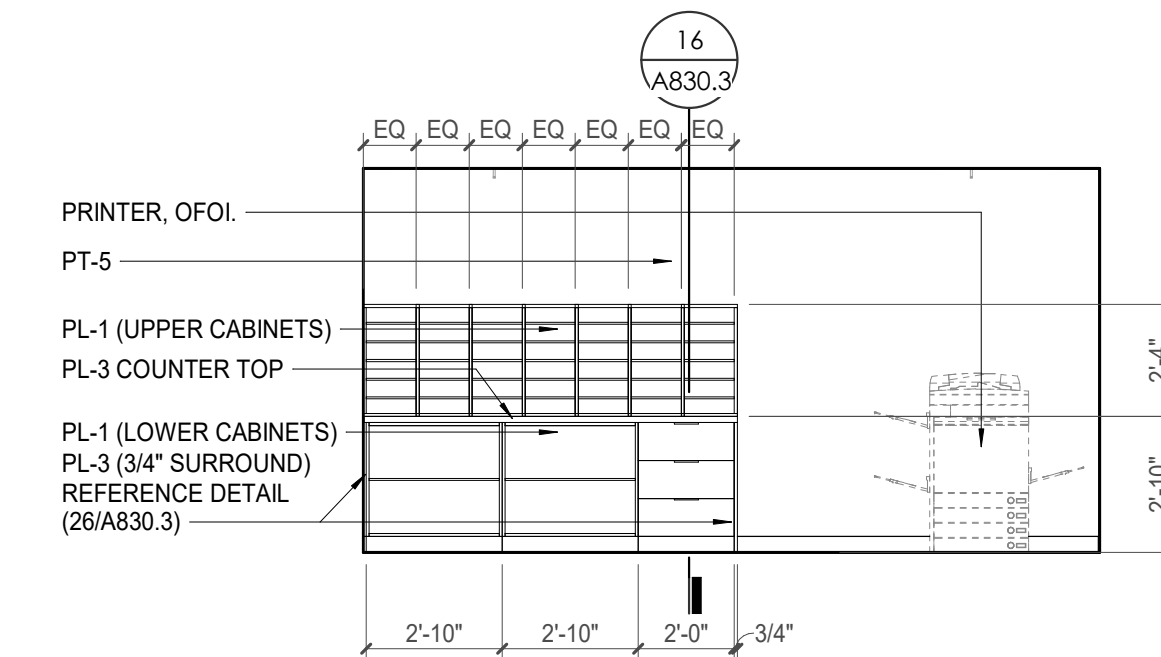
10 POB - OFFICE LEVEL 8 - TLT 841 - E. ELEVATION
 A823.1 1/4" = 1'-0"



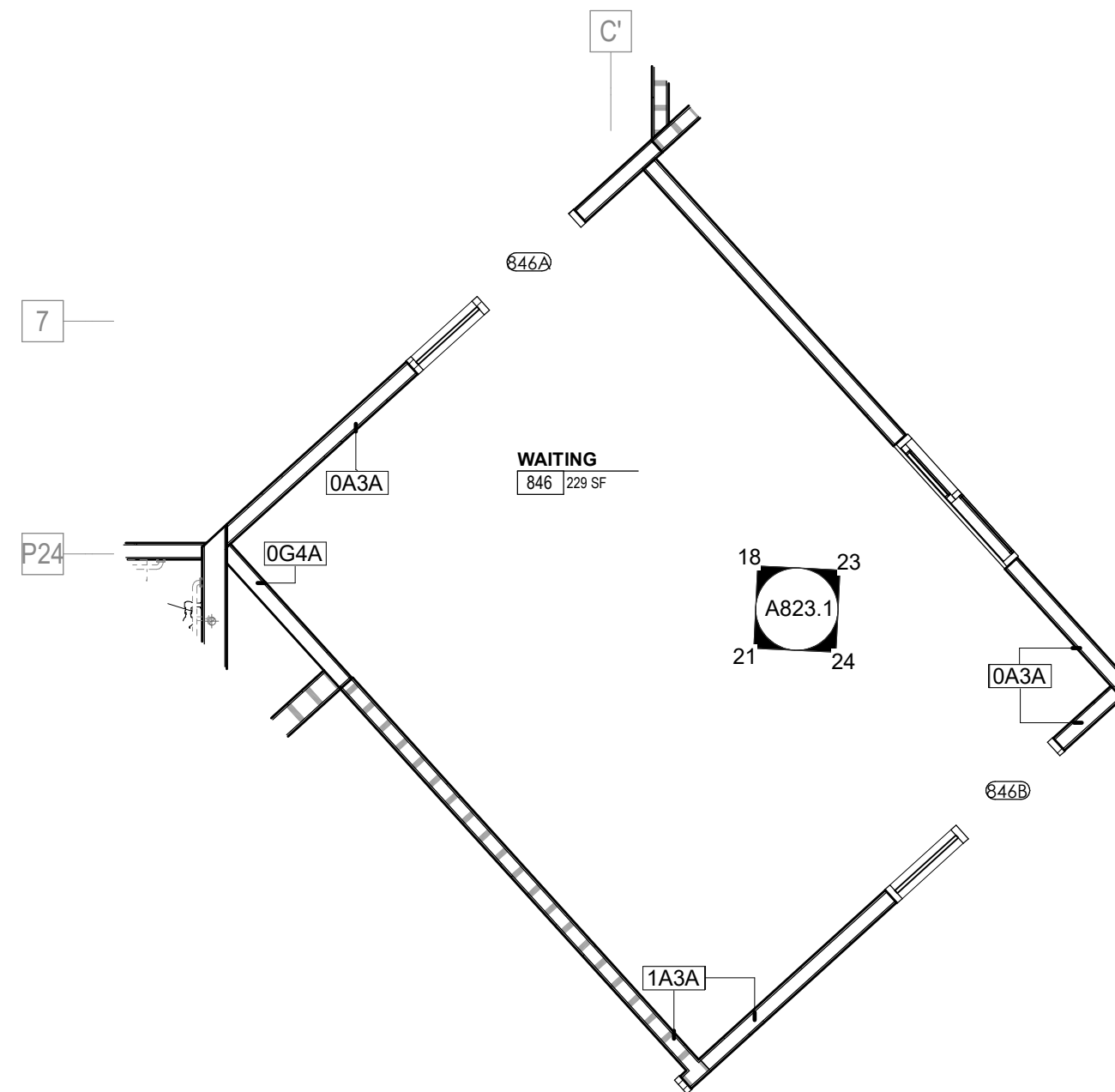
11 POB - OFFICE LEVEL 8 - TLT 841 - N. ELEVATION
 A823.1 1/4" = 1'-0"



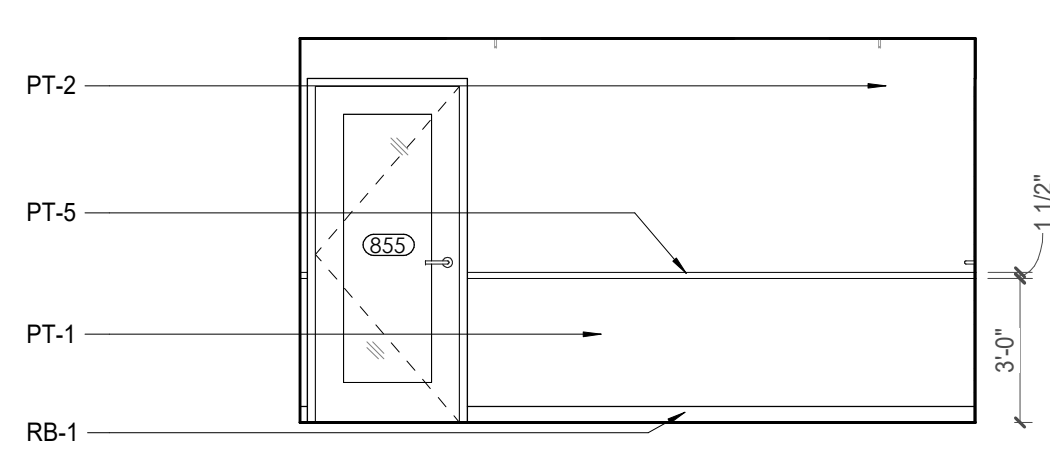
12 POB - OFFICE LEVEL 8 - PAYROLL WORKROOM 822 - W. ELEVATION
 A823.1 1/4" = 1'-0"



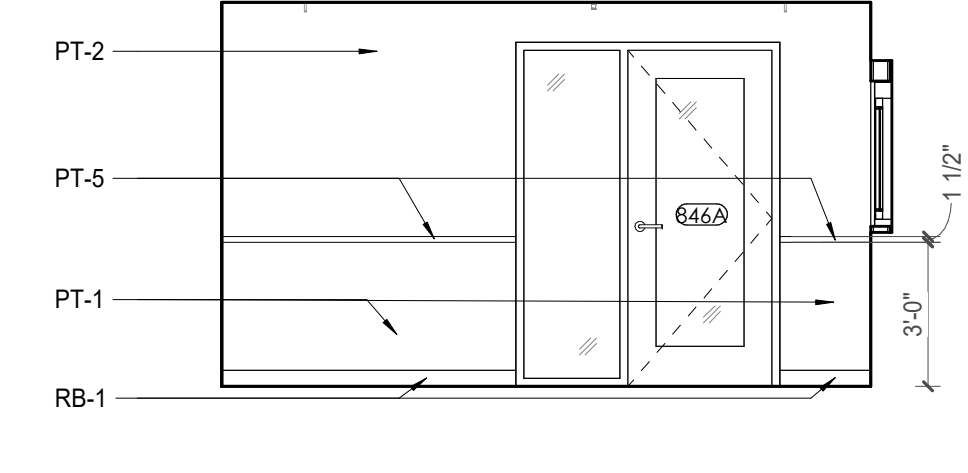
14 POB - OFFICE LEVEL 8 - COPY W. ELEVATION
 A823.1 1/4" = 1'-0"



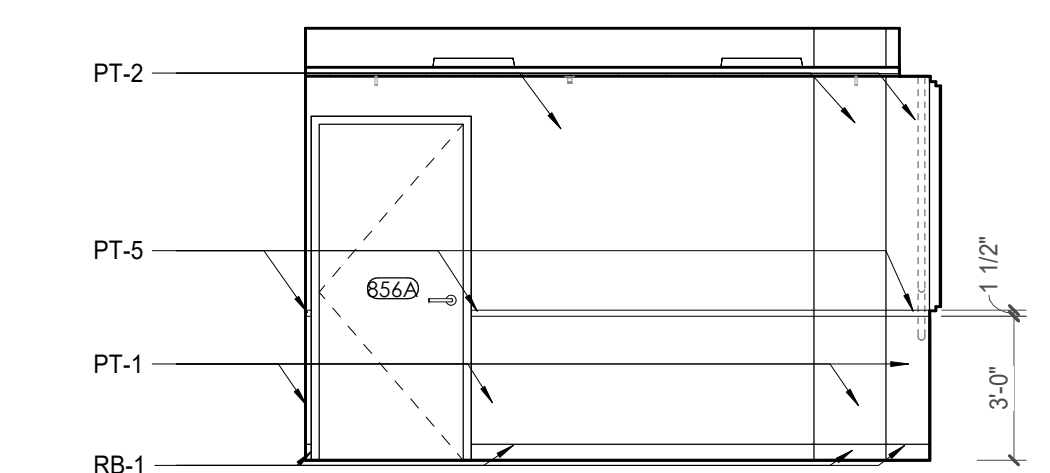
16 ENLARGED PLAN - POB - OFFICE LEVEL 8 - WAITING 846
 A823.1 1/4" = 1'-0"



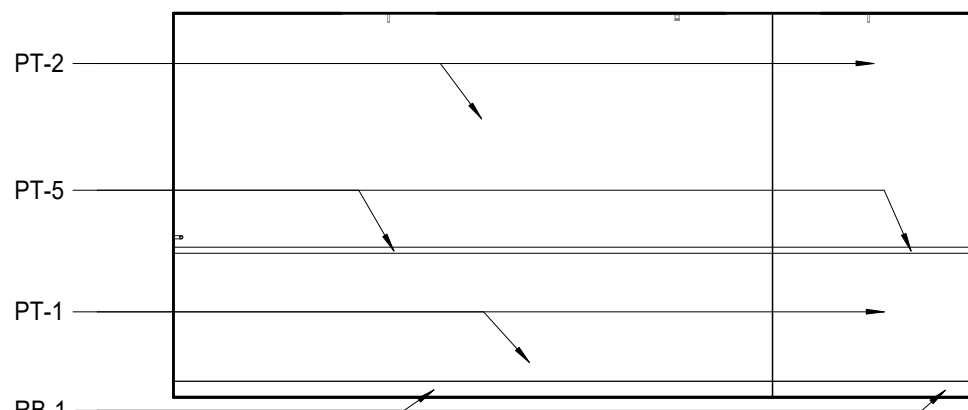
17 POB - OFFICE LEVEL 8 - 8.10 RECEPTION/SEC 855 NW. ELEVATION
 A823.1 1/4" = 1'-0"



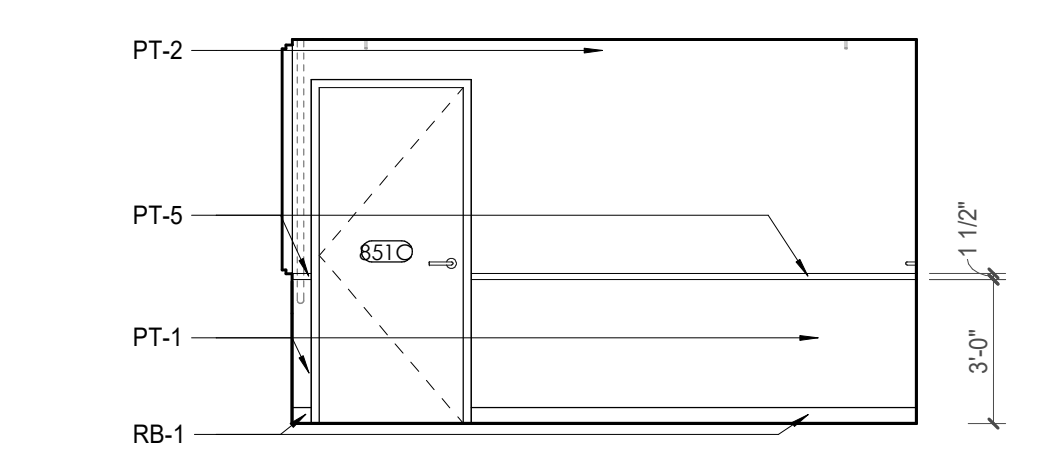
18 POB - OFFICE LEVEL 8 - WAITING 846 NW. ELEVATION
 A823.1 1/4" = 1'-0"



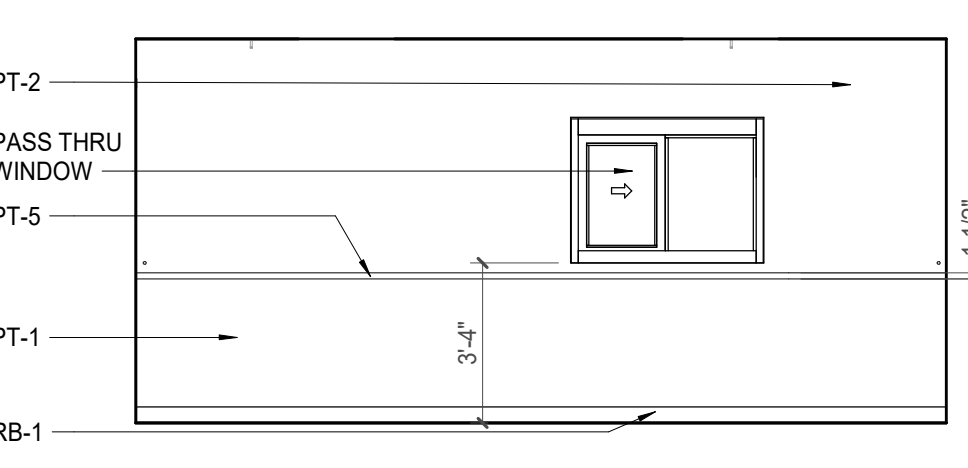
20 POB - OFFICE LEVEL 8 - 8.10 RECEPTION/SEC NE. ELEVATION
 A823.1 1/4" = 1'-0"



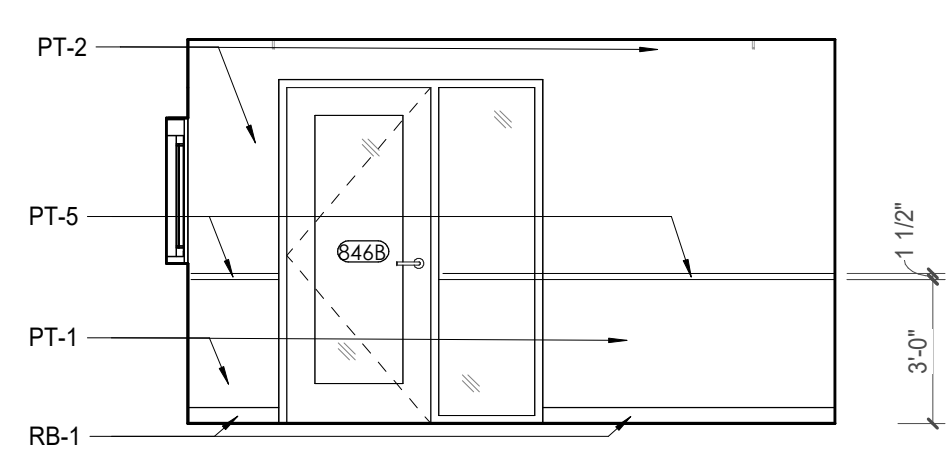
21 POB - OFFICE LEVEL 8 - WAITING 846 SW. ELEVATION
 A823.1 1/4" = 1'-0"



22 POB - OFFICE LEVEL 8 - 8.10 RECEPTION/SEC SW. ELEVATION
 A823.1 1/4" = 1'-0"



23 POB - OFFICE LEVEL 8 - WAITING 846 NE. ELEVATION
 A823.1 1/4" = 1'-0"

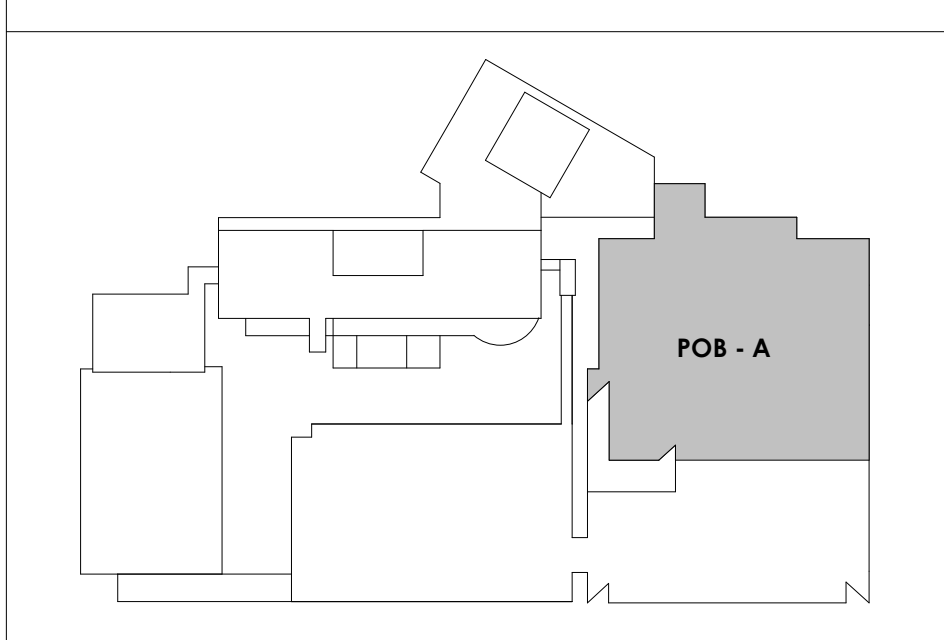


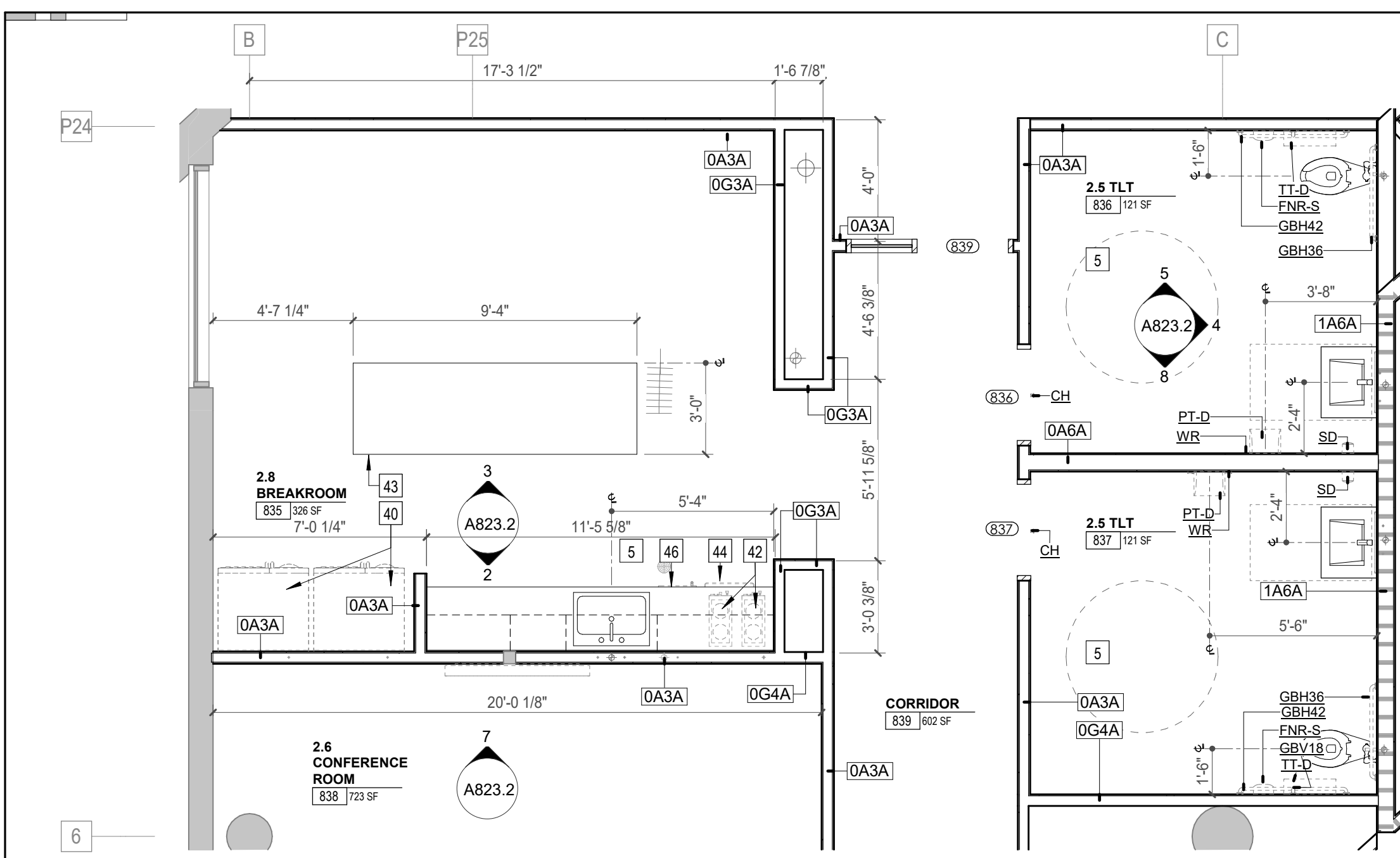
24 POB - OFFICE LEVEL 8 - WAITING 846 SE. ELEVATION
 A823.1 1/4" = 1'-0"

TOILET ACCESSORIES LEGEND

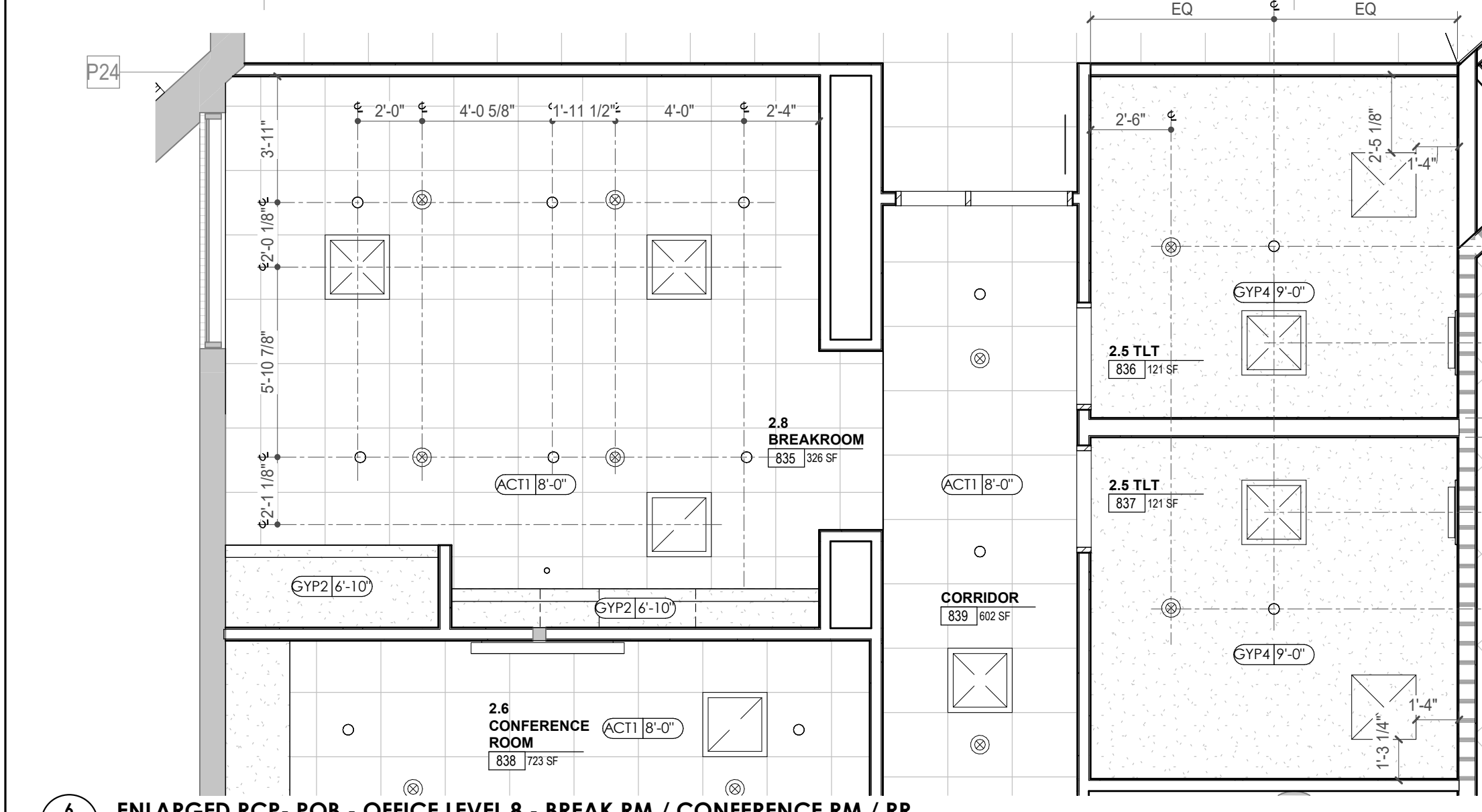
MARK	DESCRIPTION
GBH42	42" HORIZONTAL GRAB BAR, ADA, COLOR: STAINLESS STEEL
GBH36	36" HORIZONTAL GRAB BAR, ADA, COLOR: STAINLESS STEEL
GBV18	18" VERTICAL GRAB BAR, ADA, COLOR: STAINLESS STEEL
MR-01	24" X 36" MIRROR, BLACK FRAME
MR-02	LOCKER ROOM FRAMLESS MIRROR
MR-03	20" X 59" MIRROR, DOOR MOUNTED, BLACK FRAME
FNR-S	FEMINE NAPKIN RECEPTACLE SURFACE-MTD, FINISH: STAINLESS STEEL
TI-D	TOILET TISSUE, DOUBLE-ROLL DISPENSER, FINISH: BLACK
HD	HAND DRYER, WALL-MOUNTED, FINISH: BLACK
PT-D	AUTOMATIC PAPER TOWEL DISPENSER, WALL-MTD, FINISH: BLACK
WR	WASTE RECEPTACLE, FINISH: BLACK
CS	CHANGING STATION, FINISH: STAINLESS STEEL
CH	COAT HOOK, FINISH: BLACK
SR-01	36" SHOWER ROD, FINISH: BLACK
SR-02	60" SHOWER ROD, FINISH: BLACK
SS	SHOWER SEAT, PER ADA, FINISH: PHENOLIC

KEY PLAN

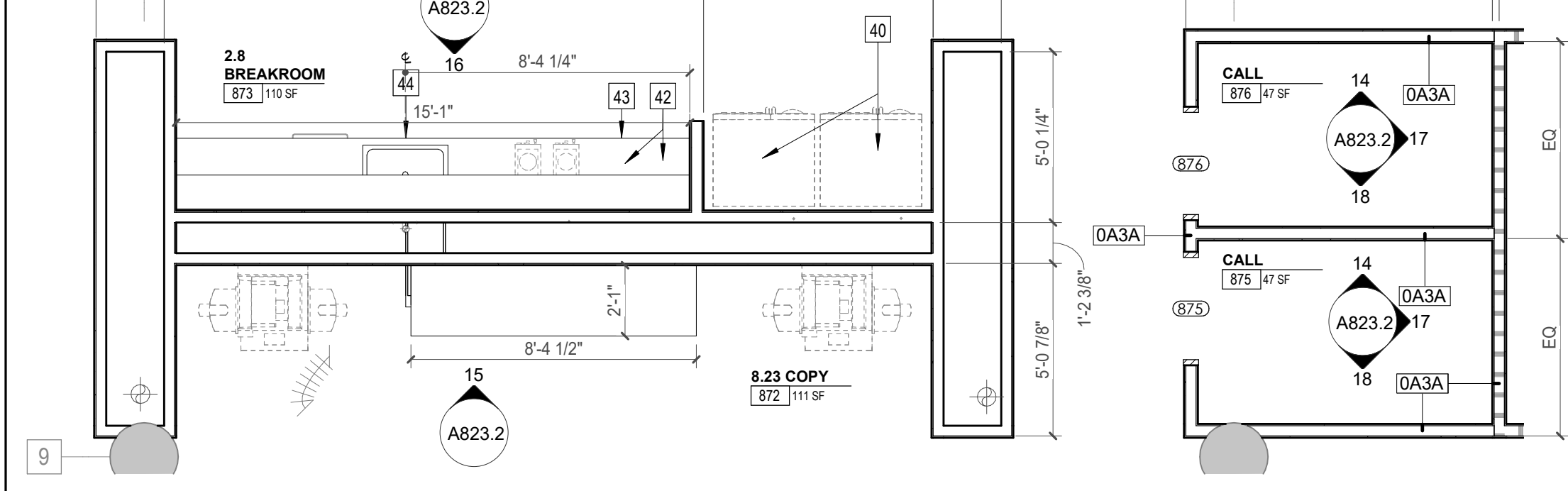




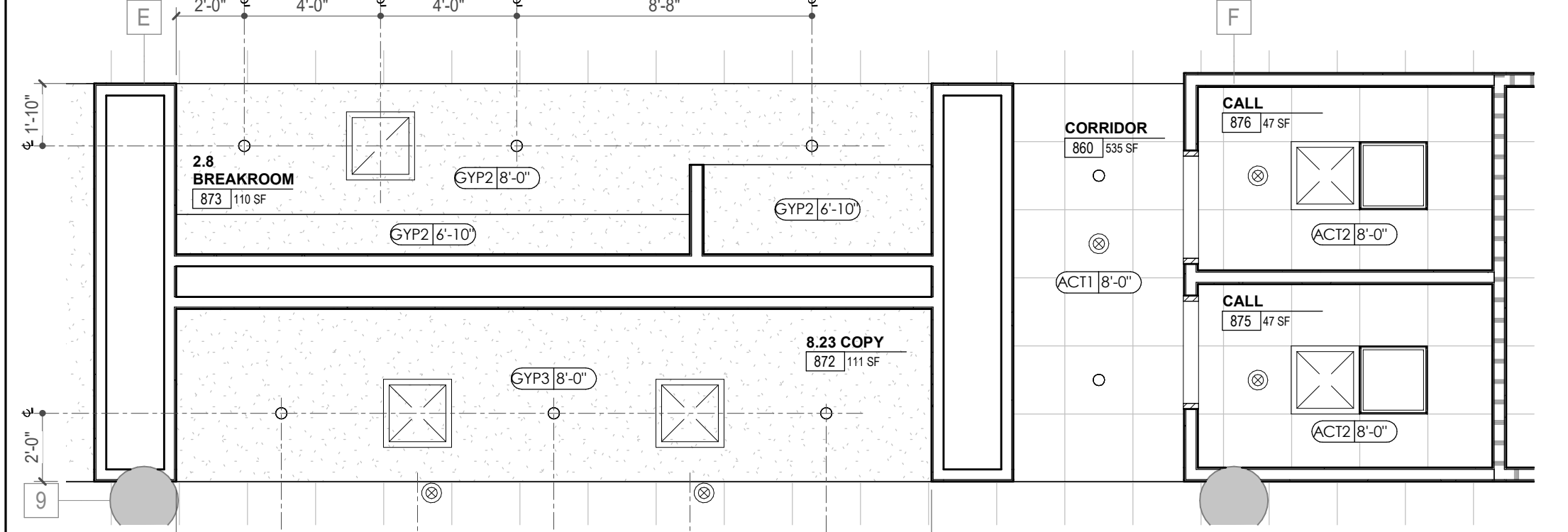
1 ENLARGED PLAN - POB - OFFICE LEVEL 8 - BREAK RM / CONFERENCE RM / RR
A823.2 1/4" = 1'-0"



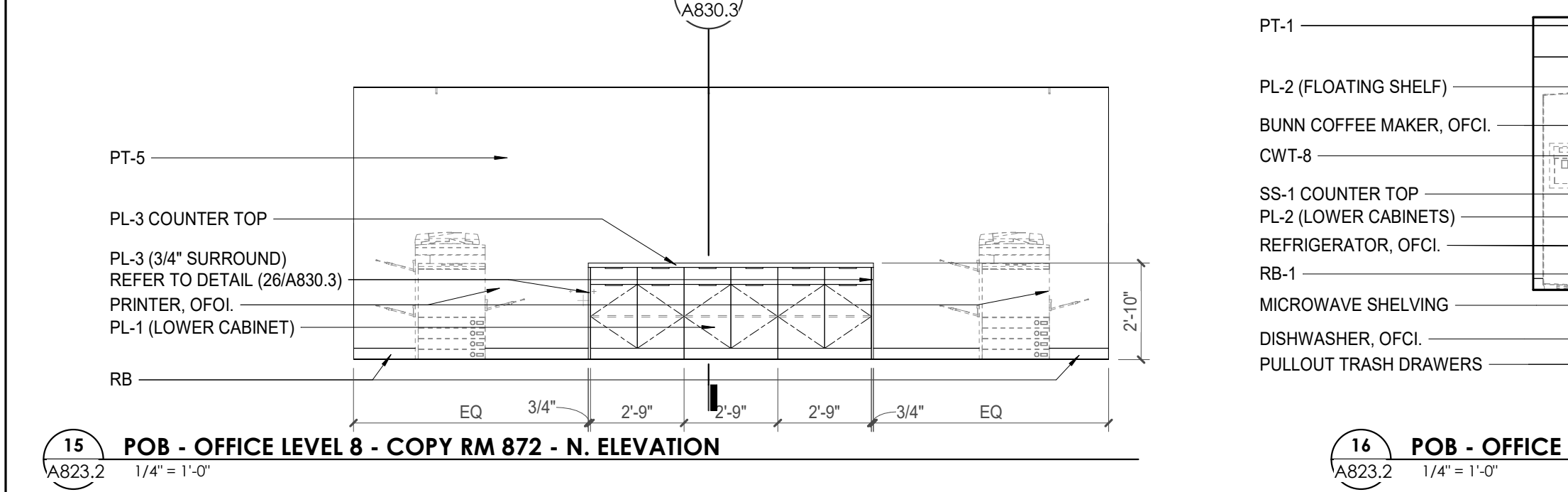
6 ENLARGED RCP - POB - OFFICE LEVEL 8 - BREAK RM / CONFERENCE RM / RR
A823.2 1/4" = 1'-0"



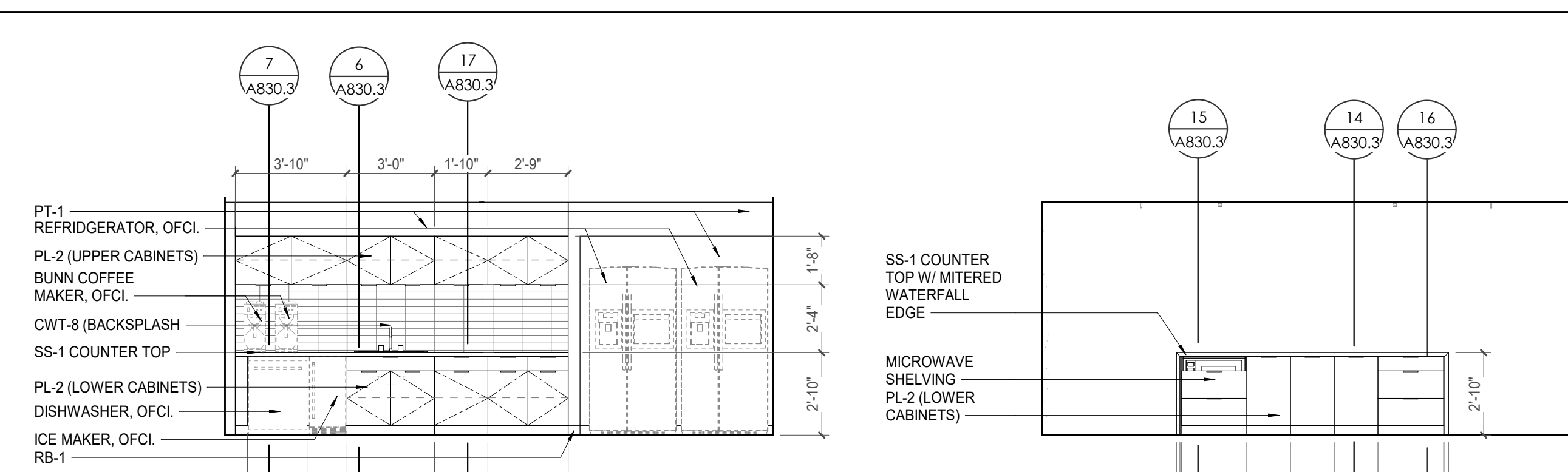
9 ENLARGED PLAN - POB - OFFICE LEVEL 8 - BREAK RM 873 / COPY 872
A823.2 1/4" = 1'-0"



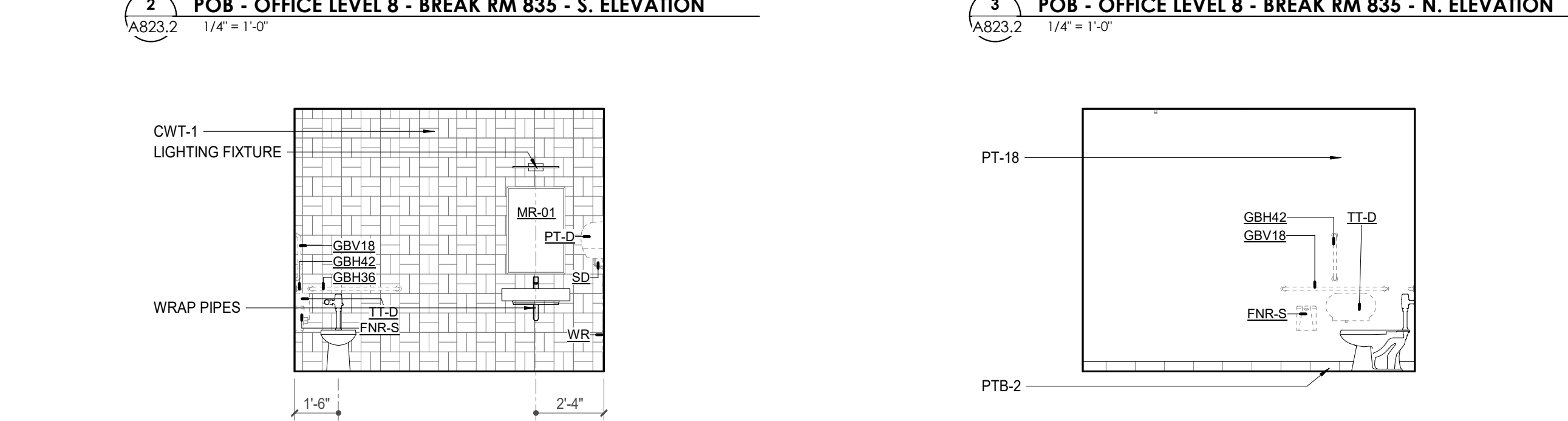
12 ENLARGED RCP - POB - OFFICE LEVEL 8 - BREAK RM 873 / COPY 872
A823.2 1/4" = 1'-0"



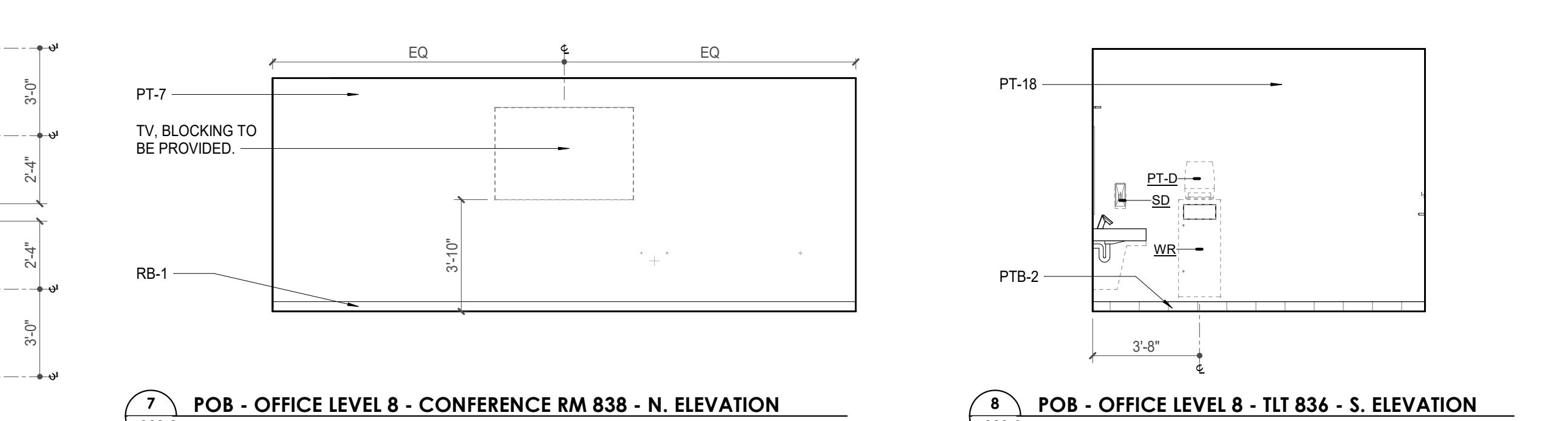
15 POB - OFFICE LEVEL 8 - COPY RM 872 - N. ELEVATION
A823.2 1/4" = 1'-0"



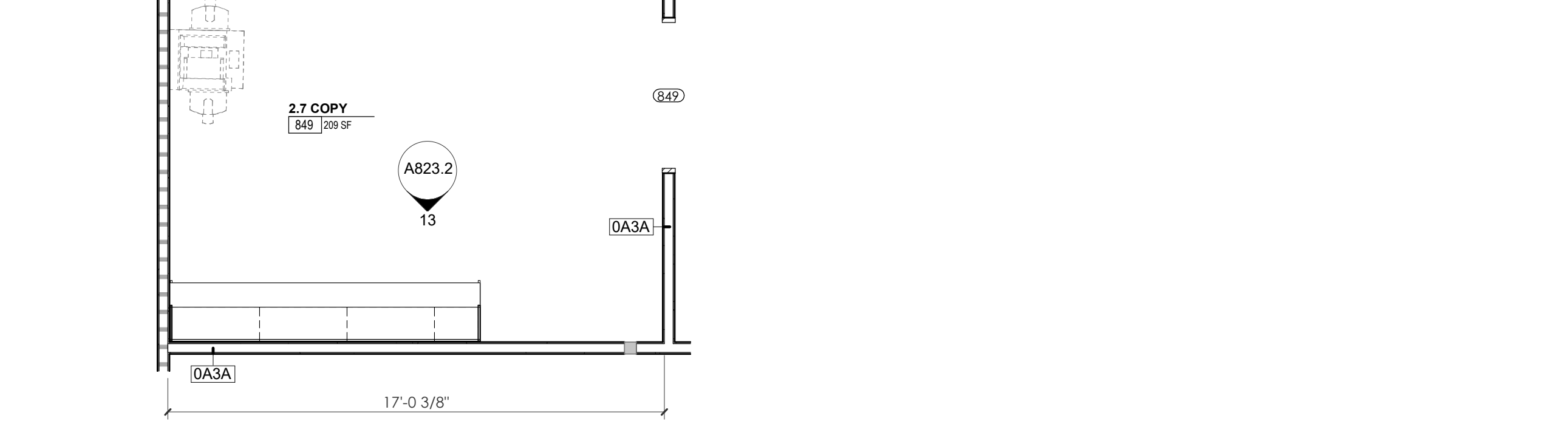
2 POB - OFFICE LEVEL 8 - BREAK RM 835 - S. ELEVATION
A823.2 1/4" = 1'-0"



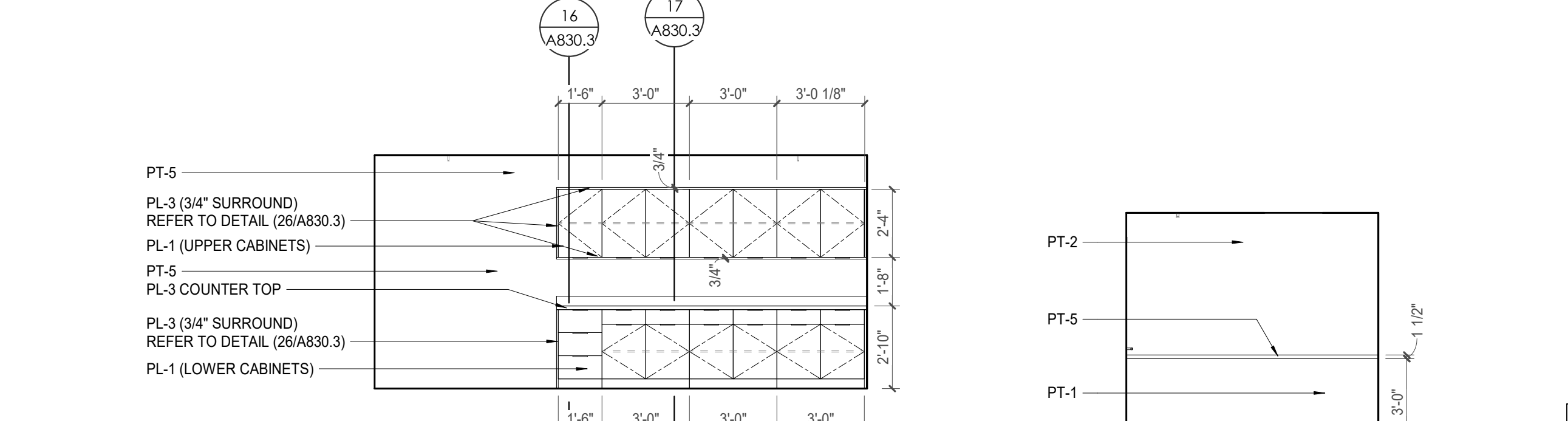
3 POB - OFFICE LEVEL 8 - BREAK RM 835 - N. ELEVATION
A823.2 1/4" = 1'-0"



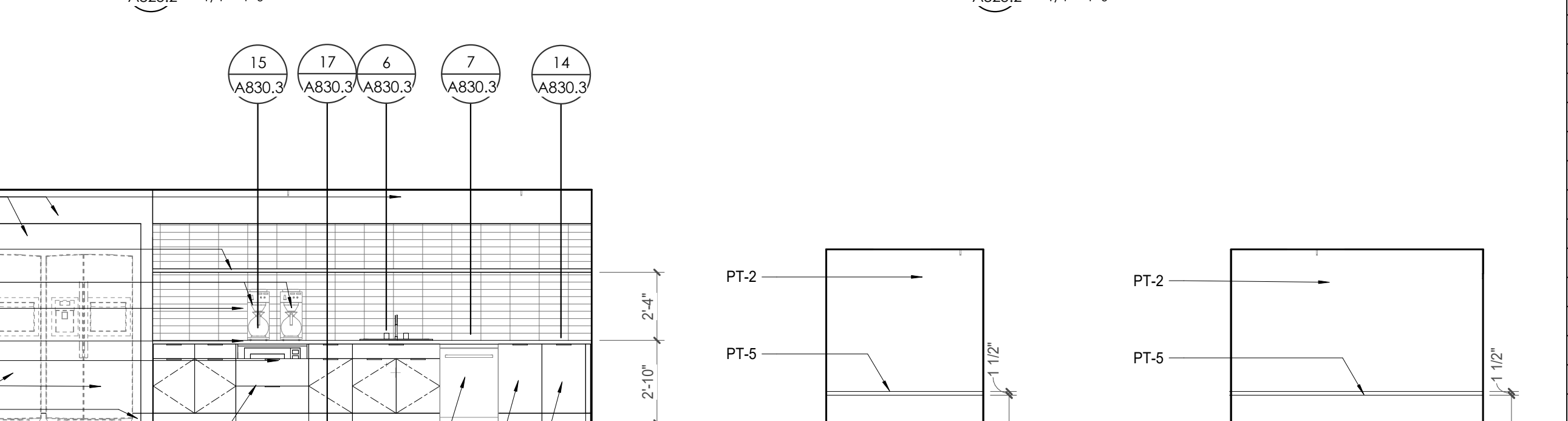
4 POB - OFFICE LEVEL 8 - TILT 836 - E. ELEVATION
A823.2 1/4" = 1'-0"



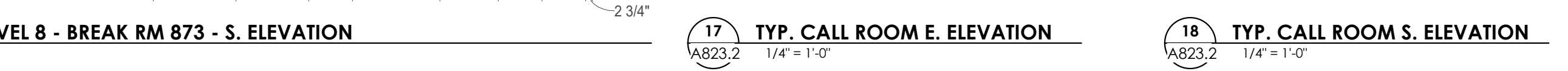
5 POB - OFFICE LEVEL 8 - TILT 836 - N. ELEVATION
A823.2 1/4" = 1'-0"



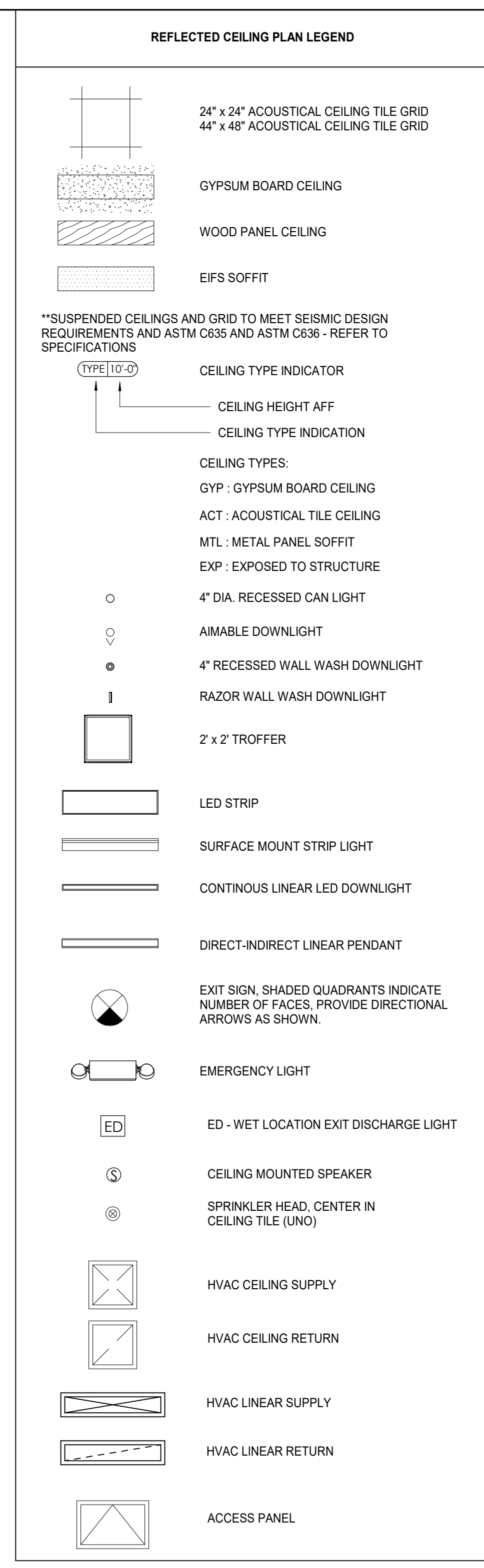
7 POB - OFFICE LEVEL 8 - CONFERENCE RM 838 - N. ELEVATION
A823.2 1/4" = 1'-0"



10 ENLARGED PLAN - POB - OFFICE LEVEL 8 - COPY 849
A823.2 1/4" = 1'-0"



13 POB - OFFICE LEVEL 8 - COPY 849 - S. ELEVATION
A823.2 1/4" = 1'-0"

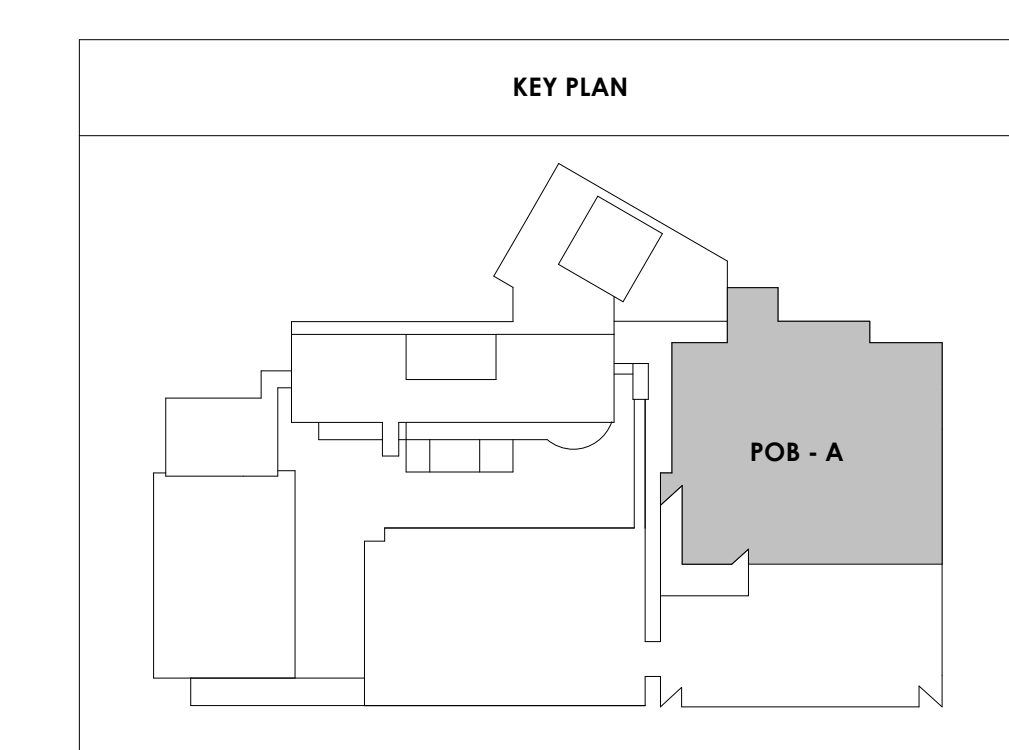


Tag	Text
1	6" PREFINISHED ALUMINUM TRIM AT PERIMETER
2	6" INTEGRATED ALUMINUM TECHZONE CHANNEL - LIGHTING AND MECHANICAL SUPPLY RETURN
3	OPERABLE WALL PARTITION
4	ROLLER WINDOW SHADES AT ALL EXTERIOR WORKSPACE WINDOWS - TYP
5	GYP. BD. SOFFIT AT PERIMETER
6	6" PREFORMED ALUMINUM COVE REVEAL
7	1" PREFORMED ALUMINUM REVEAL
8	EXISTING LIGHT FIXTURES IN GARAGES TO REMAIN
9	LOCATION OF CLEARESTORY WINDOWS ABOVE 9'-0" GYP. BD. SOFFIT. EXISTING LIGHT FIXTURES TO BE REINSTALLED IN NEW CEILING TILE AND GRID - VERIFY EXISTING FIXTURE LOCATIONS IN FIELD
10	LOCKERS BELOW (DASHED)
11	NEW FABRICATED STAINLESS STEEL PAN WITH RUBBERIZED COATING, SLOPED TOWARD DRAIN UNDER WATER HEATER IN ADJACENT ROOM. SEE SECTION FOR INFO.
12	NEW GYP. BD. SOFFIT ON EXISTING MTL STUD FRAMING TO REMAIN - VERIFY IN FIELD
13	BLACK OUT ROLLER WINDOW SHADES AT ALL EXTERIOR CLASSROOM WINDOWS - TYP
14	PATCH AND REPLACE EXISTING EIFS SOFFIT AS REQUIRED TO COMPLETE THE WORK
15	NEW MANUAL OVERHEAD COILING DOOR & FRAME, 45 MIN RATED. REMOVE EXISTING EIFS SOFFIT AND PROVIDE NEW SUSPENDED EIFS SOFFIT WITH R-30 BATT INSULATION IN OVERHANG CAVITY

MARK	DESCRIPTION
GBH42	42" HORIZONTAL GRAB BAR, ADA. COLOR: STAINLESS STEEL
GBH36	36" HORIZONTAL GRAB BAR, ADA. COLOR: STAINLESS STEEL
GBV18	18" VERTICAL GRAB BAR, ADA. COLOR: STAINLESS STEEL
MR-01	24" X 36" MIRROR, BLACK FRAME
MR-02	LOCKER ROOM FRAMELESS MIRROR
MR-03	20" X 59" MIRROR, DOOR MOUNTED, BLACK FRAME
FNR-S	FEMININE NAPKIN RECEPTACLE, SURFACE-MTD, FINISH: STAINLESS STEEL
TT-D	TOILET TISSUE, DOUBLE-ROLL DISPENSER, FINISH: BLACK
HD	HAND DRYER, WALL-MOUNTED, FINISH: BLACK
PT-D	AUTOMATIC PAPER TOWEL DISPENSER, WALL-MTD, FINISH BLACK
WR	WASTE RECEPTACLE, FINISH: BLACK
CS	CHANGING STATION, FINISH: STAINLESS STEEL
CH	COAT HOOK, FINISH: BLACK
SR-01	36" SHOWER ROD, FINISH: BLACK
SR-02	60" SHOWER ROD, FINISH: BLACK
SS	SHOWER SEAT, PER ADA, FINISH: PHENOLIC

WALL LEGEND	
	2 HR PARTITION (ASSEMBLY VARIES)
	1 HR PARTITION (ASSEMBLY VARIES)
	BALLISTIC LEVEL 3 PARTITION (ASSEMBLY VARIES)
	NEW PARTITION (ASSEMBLY VARIES)
	EXISTING PARTITION
	EXISTING PARTITION TO BE DEMOLISHED

KEYNOTE - FLOOR PLAN	
1	SOFFIT ABOVE (DASHED)
2	EXISTING GYP. BD. TO REMAIN - PREP & PAINT EXISTING HANDRAILS, STAIR & WALLS TO REMAIN
3	EXISTING ELEVATOR TO BE MODIFIED/REPLACED AS REQUIRED TO REACH ALL FOUR (4) FLOORS. SEE ELEVATOR PLANS & DETAILS SHEET FOR INFO.
4	EXISTING ELEVATOR - REFURBISH EQUIPMENT & CONTROLS. NEW FINISHES TO INTERIOR OF CAR AS REQ'D. SEE ELEVATOR PLANS & DETAILS SHEET FOR INFO.
5	NEW FLOOR DRAIN - REFER TO PLUMBING
6	SHADED AREA DENOTES NEW CONCRETE SLAB - REFER TO STRUC.
7	BALLISTIC LEVEL 3 RATING AND GLAZING - 8'-0" AFF MIN.
8	MOBILE VEHICLE LIFT
9	OVERHEAD COILING DOOR
10	OWNER PROVIDED WOOD PEW SEATING - N.I.C.
11	OWNER PROVIDED 36" DEEP OPEN SHELVING - N.I.C.
12	18" X 24" X 72" HEAVY DUTY LOCKER WITH DRAWER/ BENCH (TYPE 1)
13	18" X 24" X 72" HEAVY DUTY THREE TIER LOCKERS (TYPE 2)
14	NEW PASS THRU LOCKERS - TYPE 3
15	RECESSED SIDE ARMS LOCKERS (ONE FOUR DOOR UNIT AT EACH DOOR)
16	PUBLIC WEAPONS STG LOCKERS - TABLE PHONE WALL LOCKERS WITH 12 DOORS (TYPE 5)
17	CANOPY ABOVE (DASHED)
18	OWNER PROVIDED SYSTEMS FURNITURE - N.I.C.
19	OWNER PROVIDED COPIER - N.I.C.
20	PROVIDE REQ. BLOCKING FOR LOCATIONS WHERE WALL MOUNTED TV MONITORS ARE LOCATED. REFER TO EQUIPMENT PLANS FOR LOCATIONS
21	PROVIDE REQ. BLOCKING FOR ALL MARKER BOARD LOCATIONS
22	KNOX BOX (RECESSED)
23	RECESSED CELL PHONE LOCKERS TO MATCH METAL WALL PANEL
24	METAL DETECTOR ENTRY SECURITY
25	MOP SINK - SEE PLUMBING
26	18" DEEP BOOKSHELVES
27	12" DEEP COUNTERS ON L2X2X1/4" HEAVY DUTY WELDED ANGLE SUPPORT BRACKETS
28	24" DEEP COUNTERS ON L2X2X1/4" HEAVY DUTY WELDED ANGLE SUPPORT BRACKETS
29	30" DEEP COUNTERS ON L2X2X1/4" HEAVY DUTY WELDED ANGLE SUPPORT BRACKETS
30	18" DEEP COUNTERS ON L2X2X1/4" HEAVY DUTY WELDED ANGLE SUPPORT BRACKETS
31	PROVIDE NEW HANDRAILS, GUARDRAILS AND EGRESS STAIR ILLUMINATION. PREP & PAINT EXISTING STAIR & WALLS TO REMAIN
32	OPERABLE FOLDING PARTITION WITH EGRESS DOORS
33	NEW DROP BOX
34	HIGH LOW WATER COOLER
35	OWNER PROVIDED HIGH DENSITY MOBILE STORAGE SYSTEM AND OVERSLAB RAILS
36	6" DEEP SHELF
37	ABANDON EXISTING ELEVATOR
38	EXISTING FULL HEIGHT SPANDREL PANEL
39	TWO-WAY COMMUNICATOR (BLACK FINISH). PROVIDE CUTSHEET AND VERIFY COLOR SELECTION WITH MFR PRIOR TO PURCHASE - BASIS OF DESIGN ATTU5 BY C.R. LAURENCE
40	OWNER PROVIDED REFRIGERATOR, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
41	OWNER PROVIDED REFRIGERATOR UNDERCOUNTER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
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46	OWNER PROVIDED ICE MAKER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
47	NEW WATER HEATER - SEE PLUMBING
48	WALL MOUNTED MOP & BROOM HOLDER
49	REF. TRANS. UPLIFT FILM TO INDIAN FLOOR OF GLAZING
50	IMPACT RESISTANT STEEL BOLLARD. GENERAL LOCATION SHOWN. COORDINATE LOCATION IN FIELD. REFER TO DETAIL (SA2400)
51	NEW CONCRETE RAMP. SEE SITE DETAILS AS400 & STRUCTURAL DRAWINGS FOR INFO.
52	NEW SHOOTING RANGE. SEE SHOOTING RANGE PLANS A108 FOR INFO.
53	PROVIDE WHEEL STOPS AT ACCESSIBLE PARKING LOCATIONS
54	NEW FOLDING ARM. SEE ELECTRICAL PLAN FOR ADDITIONAL INFORMATION
55	NEW BADGE IN ACCESS READER. SEE SHEET SA120 AND ELECTRICAL FOR ADDITIONAL INFORMATION
56	RESTRIPE PARKING TO ACCOMMODATE FOR ACCESSIBLE PARKING SPACES SHOWN. REFER TO CIVIL FOR ADA SIGNAGE AND PARKING SYMBOLS
57	NEW TRENCH DRAIN - SEE PLUMBING
58	NEW HOSE BIB - SEE PLUMBING
59	EYE WASH - SEE PLUMBING
60	1" FLUSH FLOOR TO FLOOR 2 HR EXPANSION JOINT (TYPE 1) TO MATCH ADJACENT TILE - SEE STRUC AND DETAILS ON A111.2
61	1" FLUSH FLOOR TO FLOOR 2 HR EXPANSION JOINT (TYPE 2) TO MATCH ADJACENT CARPET - SEE STRUC AND DETAILS ON A111.2
62	1" FLUSH FLOOR TO WALL 2 HR EXPANSION JOINT (TYPE 3) TO MATCH ADJACENT CARPET - SEE STRUC AND DETAILS ON A111.2
63	1" FLUSH FLOOR TO WALL 2 HR EXPANSION JOINT (TYPE 4) TO MATCH ADJACENT TILE - SEE STRUC AND DETAILS ON A111.2
64	1" FLUSH WALL CEILING TO WALL CEILING EXPANSION JOINT (TYPE 5) TO MATCH ADJACENT PAINT COLOR - SEE STRUC AND DETAILS ON A111.2
65	1" EXPANSION JOINT (TYPE 6) TO MATCH ADJACENT BRICK - SEE STRUC AND DETAILS
66	ADA PUSH BUTTON
67	FLOOR BOX - VERIFY FINAL LOCATION PRIOR TO INSTALLATION W/ ARCHITECT. COORDINATE W/ SYSTEMS FURNITURE - SEE ELECTRICAL
68	OWNER PROVIDED VENDING MACHINE, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
69	CEILING MOUNTED TV. PROVIDE NECESSARY MOUNTING HARDWARE - SEE ELECTRICAL AND TELECOMMUNICATIONS
70	OWNER PROVIDED MICROWAVE, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
71	24" DEEP STAINLESS PASS THROUGH COUNTER INSTALLED 34" A.F.F. SEE ENLARGED PLANS FOR INFO.





Project Information:

19018

COK SAFETY BUILDING

900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:

Architects Design Group

#	ISSUE	DATE
2	ADD #02.1	02/17/21
4	ADD #04.1	03/03/21

Issue Date: FEBRUARY 1, 2021
PK: DAVID COLLINS
PM: JOHN THURMAN
PA: LAUREN BUSH /
Drawn By: Author
Checked By: BP

Drawing Info:

A824.1

POB - ENLARGED PLANS & ELEVATIONS - TYP ELEVATOR LOBBY

REFLECTED CEILING PLAN LEGEND

- 24" x 24" ACOUSTICAL CEILING TILE GRID
- 44" x 48" ACOUSTICAL CEILING TILE GRID
- GYPSUM BOARD CEILING
- WOOD PANEL CEILING
- EIFS SOFFIT
- CEILING TYPE INDICATOR
- CEILING HEIGHT AFF
- CEILING TYPE INDICATION
- CEILING TYPES:
 - GYP: GYPSUM BOARD CEILING
 - ACT: ACOUSTICAL TILE CEILING
 - MTL: METAL PANEL SOFFIT
 - EXP: EXPOSED TO STRUCTURE
 - 4" DIA. RECESSED CAN LIGHT
 - AIMABLE DOWNLIGHT
 - 4" RECESSED WALL WASH DOWNLIGHT
 - RAZOR WALL WASH DOWNLIGHT
 - 2 x 2 TROFFER
 - LED STRIP
 - SURFACE MOUNT STRIP LIGHT
 - CONTINUOUS LINEAR LED DOWNLIGHT
 - DIRECT-INDIRECT LINEAR PENDANT
 - EXIT SIGN, SHADED QUADRANTS INDICATE NUMBER OF FACES. PROVIDE DIRECTIONAL ARROWS AS SHOWN.
 - EMERGENCY LIGHT
 - ED - WET LOCATION EXIT DISCHARGE LIGHT
 - CEILING MOUNTED SPEAKER
 - SPRINKLER HEAD, CENTER IN CEILING TILE (IWO)
 - HVAC CEILING SUPPLY
 - HVAC CEILING RETURN
 - HVAC LINEAR SUPPLY
 - HVAC LINEAR RETURN
 - ACCESS PANEL

KEYNOTE - FLOOR PLAN

TAG	TEXT
1	SOFFIT ABOVE (DASHED)
2	EXISTING EGRESS STAIR TO REMAIN - PREP & PAINT EXISTING HANDRAILS, STAIR, & WALLS TO REMAIN
3	EXISTING ELEVATOR TO BE MODIFIED/REPLACED AS REQUIRED TO REACH ALL FOUR (4) FLOORS. SEE ELEVATOR PLANS & DETAILS SHEET FOR INFO.
4	EXISTING ELEVATOR - REFURBISH EQUIPMENT & CONTROLS. NEW FINISHES TO INTERIOR OF CAR AS REQ'D. SEE ELEVATOR PLANS & DETAILS SHEET FOR INFO.
5	NEW FLOOR DRAIN - REFER TO PLUMBING
6	SHADED AREA DENOTES NEW CONCRETE SLAB - REFER TO STRUC.
7	BALLISTIC LEVEL 3 RATING AND GLAZING - 8" AFF MIN.
8	MOBILE VEHICLE LIFT
9	OVERHEAD COILING DOOR
10	OWNER PROVIDED WOOD PEW SEATING - N.I.C.
11	OWNER PROVIDED 36" DEEP OPEN SHELVEING - N.I.C.
12	18" x 24" x 72" HEAVY DUTY LOCKER WITH DRAWER/BENCH (TYPE 1)
13	18" x 24" x 72" HEAVY DUTY THREE TIER LOCKERS (TYPE 2)
14	NEW PASS THRU LOCKERS - TYPE 3
15	RECESSED SIDE ARMS LOCKERS (ONE FOUR DOOR UNIT AT EACH DOOR)
16	PUBLIC WEAPONS STG LOCKERS - TABLET PHONE WALL LOCKERS WITH 12 DOORS (TYPE 5)
17	CANOPY ABOVE (DASHED)
18	OWNER PROVIDED SYSTEMS FURNITURE - N.I.C.
19	OWNER PROVIDED COPIER - N.I.C.
20	PROVIDE REQ. BLOCKING FOR LOCATIONS WHERE WALL MOUNTED TV MONITORS ARE LOCATED. REFER TO EQUIPMENT PLANS FOR LOCATIONS
21	PROVIDE REQ. BLOCKING FOR ALL MARKER BOARD LOCATIONS
22	KNOX BOX (RECESSED)
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47	NEW WATER HEATER - SEE PLUMBING
48	WALL MOUNTED MOP & BROOM HOLDER
49	NEW TRANS LUMINEX PLANT HANGER FOR GLAZING
50	IMPACT RESISTANT STEEL BOLLARD. GENERAL LOCATION SHOWN. COORDINATE LOCATION IN FIELD. REFER TO DETAIL 13A3400.
51	NEW CONCRETE RAMP. SEE SITE DETAILS AS400 & STRUCTURAL DRAWINGS FOR INFO.
52	NEW SHOOTING RANGE. SEE SHOOTING RANGE PLANS A108 FOR INFO.
53	PROVIDE WHEEL STOPS AT ACCESSIBLE PARKING LOCATIONS
54	NEW FOLDING ARM. SEE ELECTRICAL PLAN FOR ADDITIONAL INFORMATION
55	NEW BADGE IN ACCESS READER. SEE SHEET AS 020 AND ELECTRICAL FOR ADDITIONAL INFORMATION
56	RESTRIP PARKING TO ACCOMMODATE FOR ACCESSIBLE PARKING SPACES SHOWN. REFER TO CIVIL FOR ADA SIGNAGE AND PARKING SYMBOLS
57	NEW TRENCH DRAIN - SEE PLUMBING
58	NEW HOSE BIB - SEE PLUMBING
59	EYE WASH - SEE PLUMBING
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64	1" FLUSH WALL/CEILING TO WALL/CEILING EXPANSION JOINT (TYPE 5) TO MATCH ADJACENT PAINT COLOR - SEE STRUC AND DETAILS ON A111.2
65	1" EXPANSION JOINT (TYPE 6) TO MATCH ADJACENT BRICK - SEE STRUC AND DETAILS
66	ADA PUSH BUTTON
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KEYNOTES - REFLECTED CEILING PLAN

Tag	Text
1	6" PREFINISHED ALUMINUM TRIM AT PERIMETER
2	6" INTEGRATED ALUMINUM TECHZONE CHANNEL - LIGHTING AND MECHANICAL SUPPLY RETURN
3	OPERABLE WALL PARTITION
4	ROLLER WINDOW SHADES AT ALL EXTERIOR WORKSPACE WINDOWS - TYP
5	GYP. BD. SOFFIT AT PERIMETER
6	6" PREFORMED ALUMINUM COVE REVEAL
7	1" PREFORMED ALUMINUM REVEAL
8	EXISTING LIGHT FIXTURES IN GARAGES TO REMAIN
9	LOCATION OF CLERESTORY WINDOWS ABOVE 9'-0" GYP. BD. SOFFIT.
10	EXISTING LIGHT FIXTURES TO BE REINSTALLED IN NEW CEILING TILE AND GRID - VERIFY EXISTING FIXTURE LOCATIONS IN FIELD
11	LOOKERS BELOW (DASHED)
12	NEW FABRICATED STAINLESS STEEL PAN WITH RUBBERIZED COATING, SLOPED TOWARD DRAIN UNDER WATER HEATER IN ADJACENT ROOM. SEE SECTION FOR INFO.
13	PROVIDE NEW GYP. BD. SOFFIT ON EXISTING MTL. STUD SOFFIT FRAMING TO REMAIN - VERIFY IN FIELD
14	BLACK OUT ROLLER WINDOW SHADES AT ALL EXTERIOR CLASSROOM WINDOWS - TYP
15	PATCH AND REPLACE EXISTING EIFS SOFFIT AS REQUIRED TO COMPLETE THE WORK
16	NEW MANUAL OVERHEAD COILING DOOR & FRAME, 45 MIN RATED.
17	REMOVE EXISTING EIFS SOFFIT AND PROVIDE NEW SUSPENDED EIFS SOFFIT WITH R-30 BATT INSULATION IN OVERHANG CAVITY

TYPICAL EXIT DOOR - GRAPHIC ELEVATION

REMOVE ALL EXISTING LEVEL SIGNAGE MARKERS ON ALL EXIT DOORS TO BE REPLACED WITH NEW PAINTED GRAPHICS. COLOR AND FONT TO BE DETERMINED BY ARCHITECT

KEY PLAN



Project Information:

19018

COK PUBLIC SAFETY COMPLEX

900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:

Architects Design Group

#	ISSUE	DATE

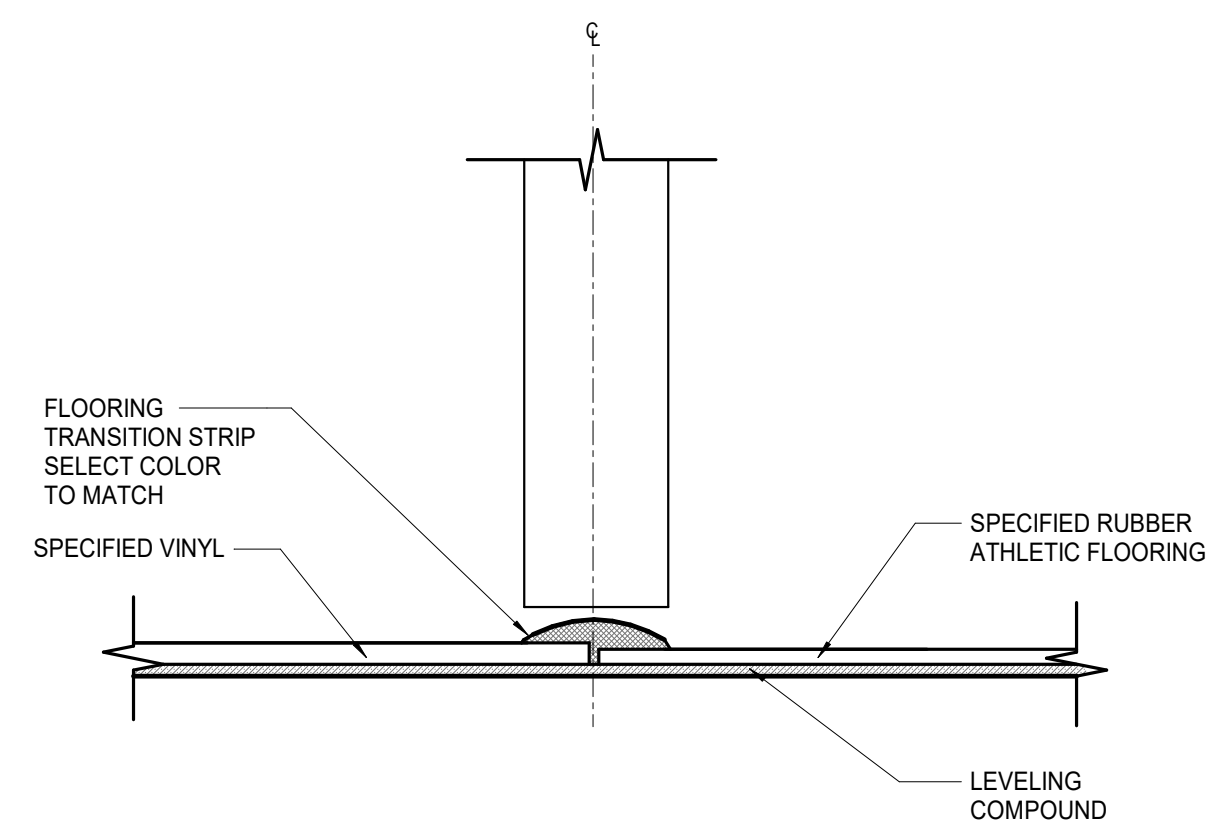
Issue Date:	FEBRUARY 01, 2021
PKC:	DAVID COLLINS
PM:	JOHN THURMAN
PA:	LAUREN BUSH /
Drawn By:	Author
Checked By:	BP

Drawing Info:

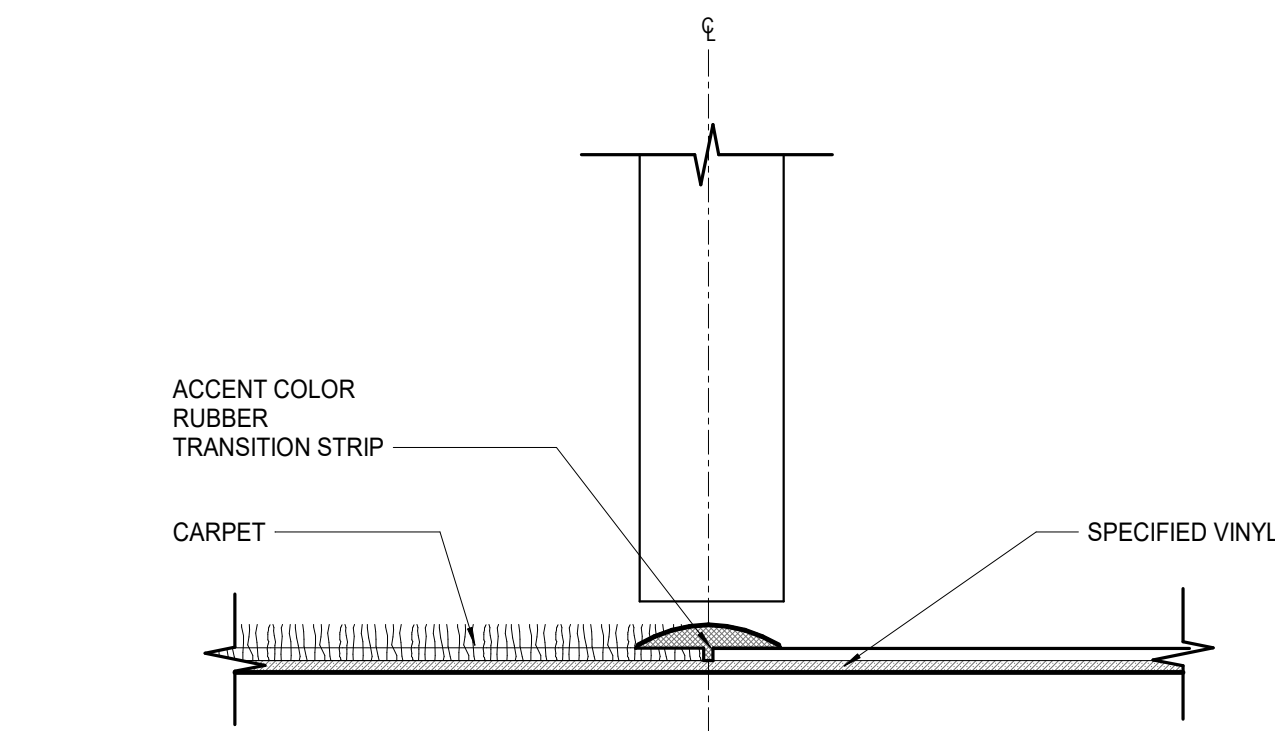
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INTERIOR DETAILS

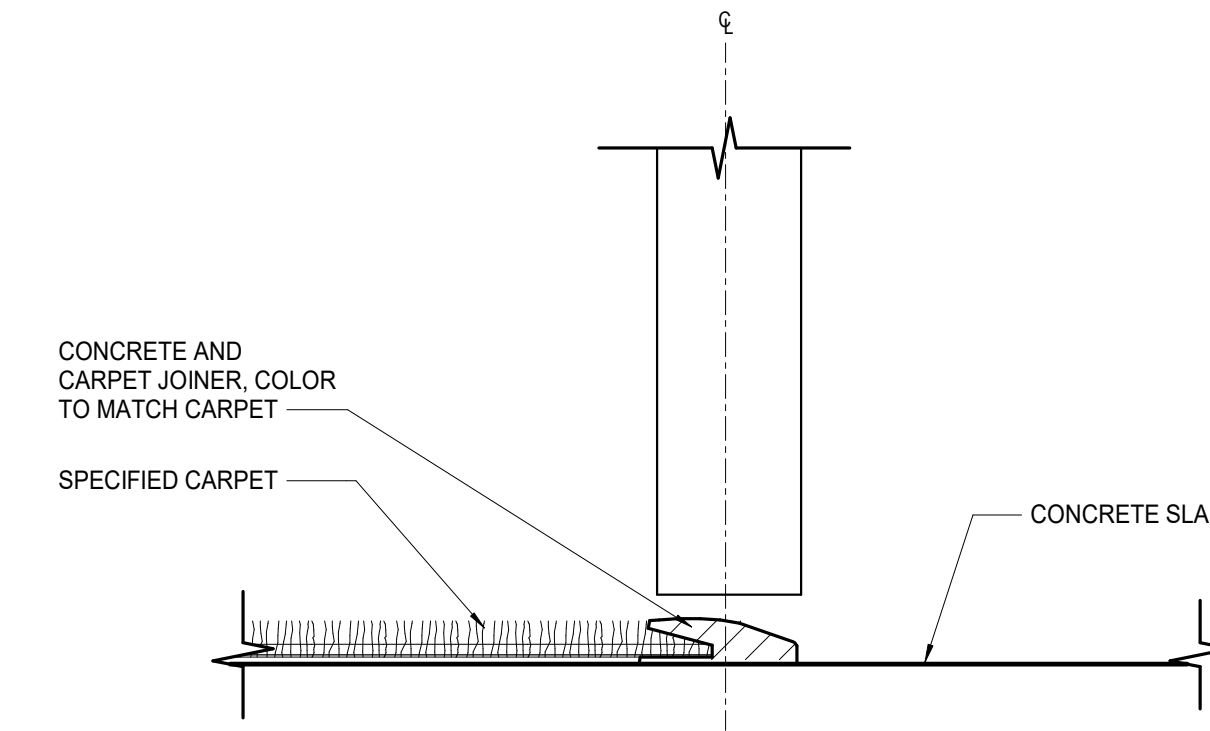
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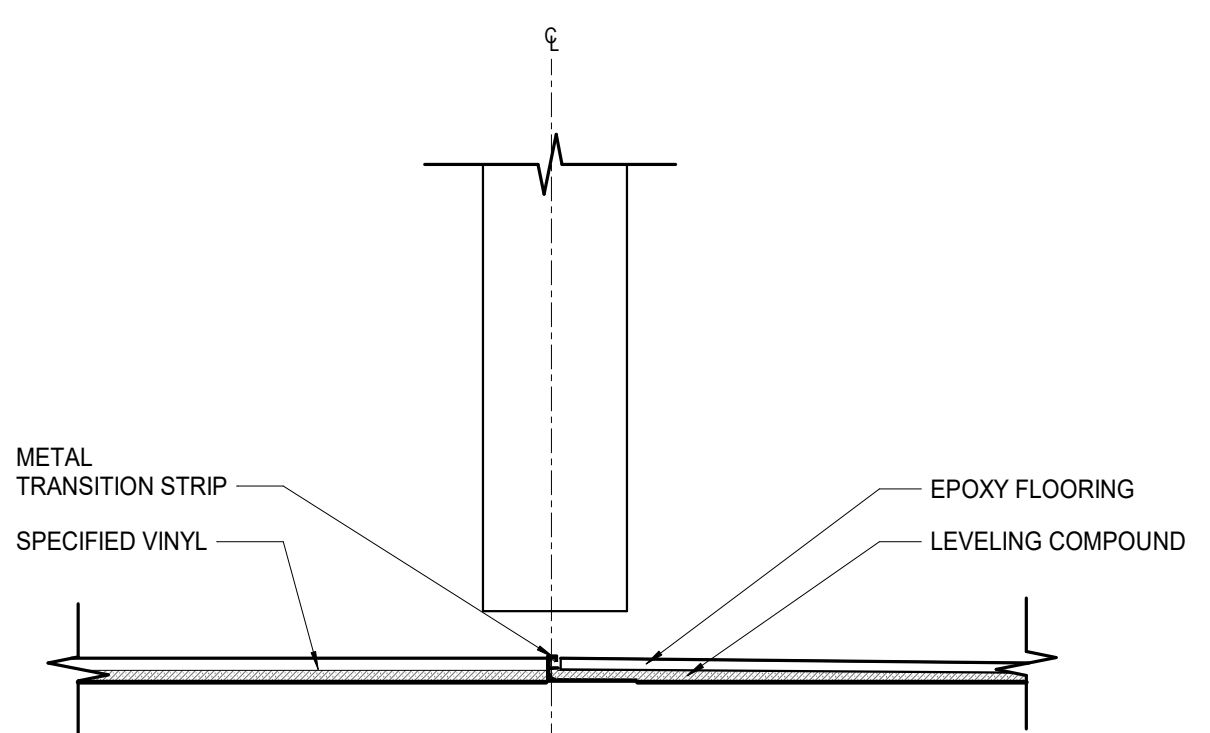
1 RUBBER ATHLETIC FLOORING TO LVT
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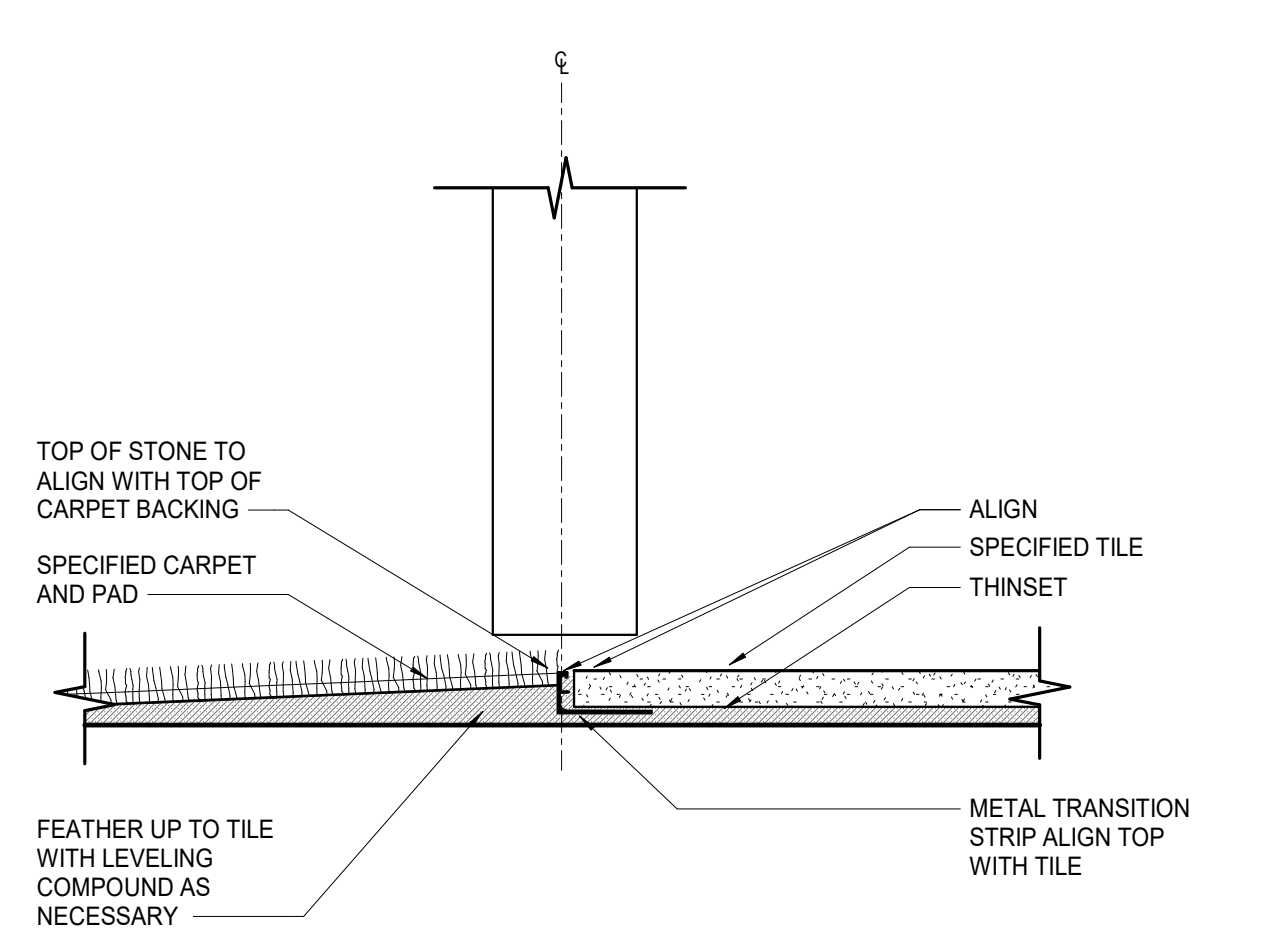
2 CARPET TO LVT - SAME HEIGHT
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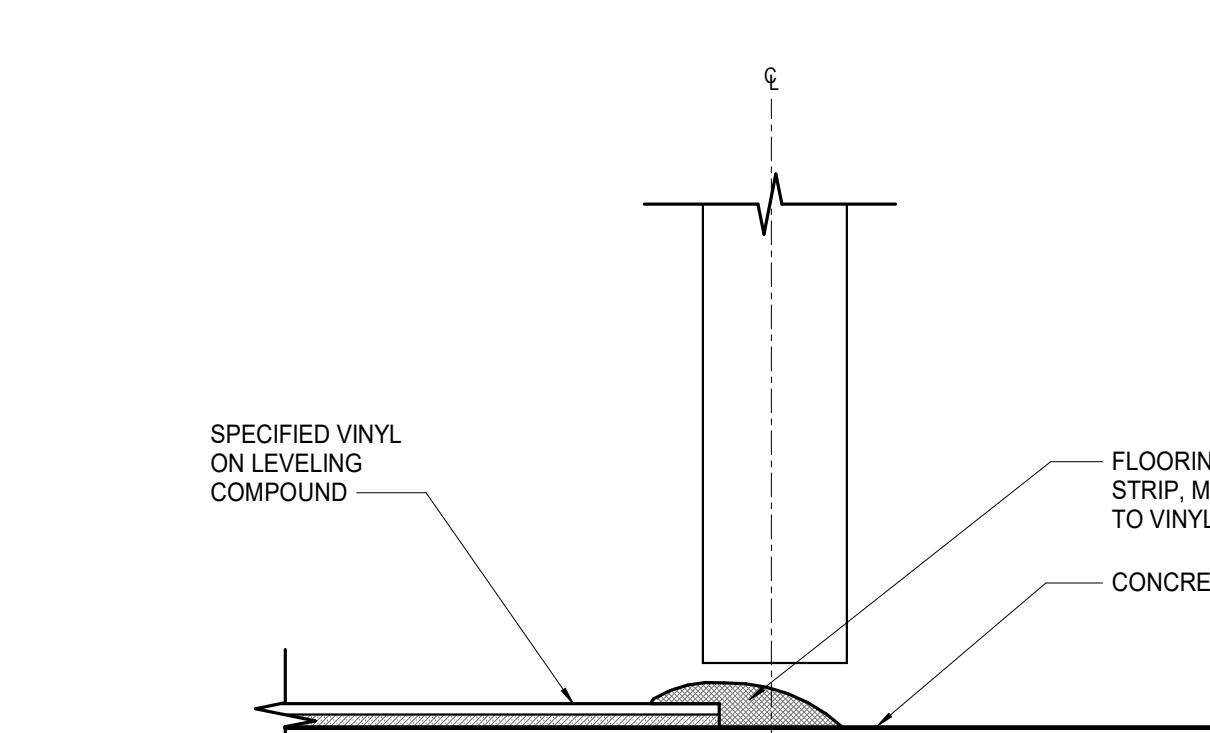
3 CARPET TO CONCRETE
A830.1 6'-1-0"



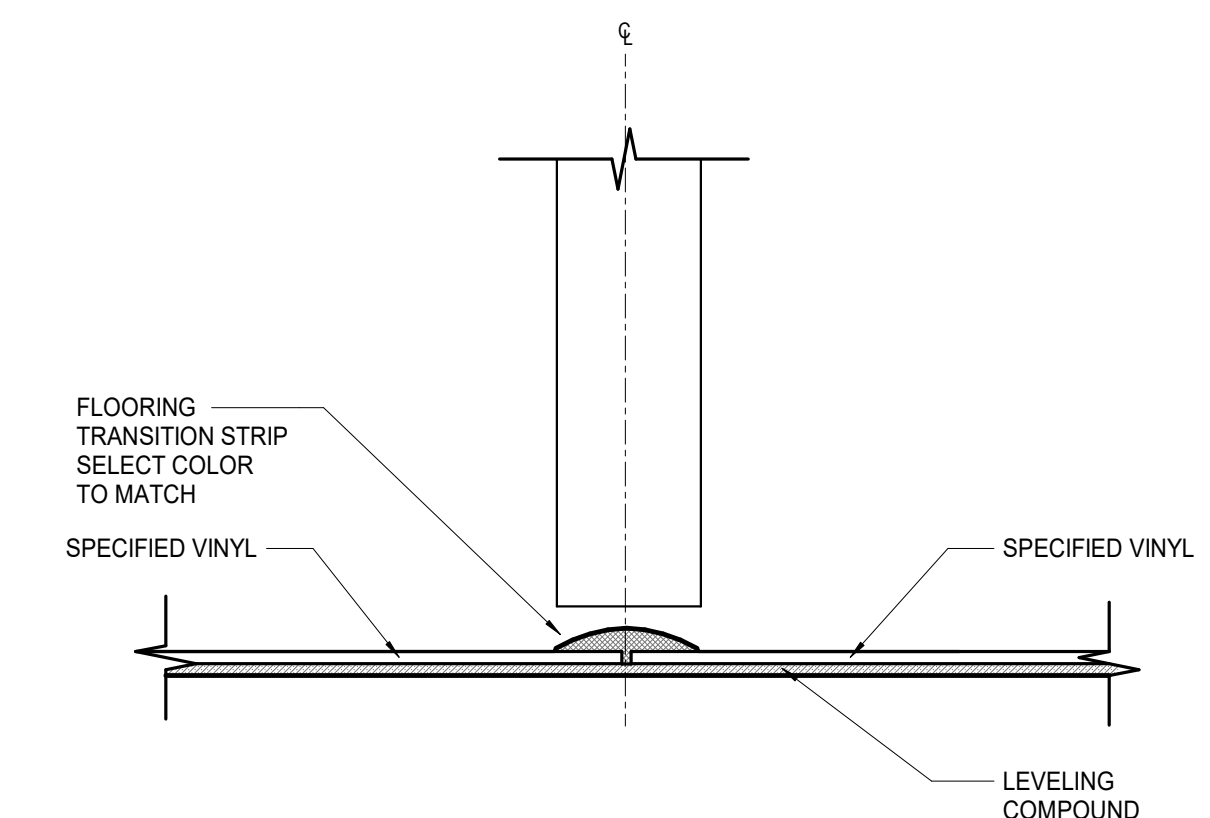
4 LVT TO EPOXY
A830.1 6'-1-0"



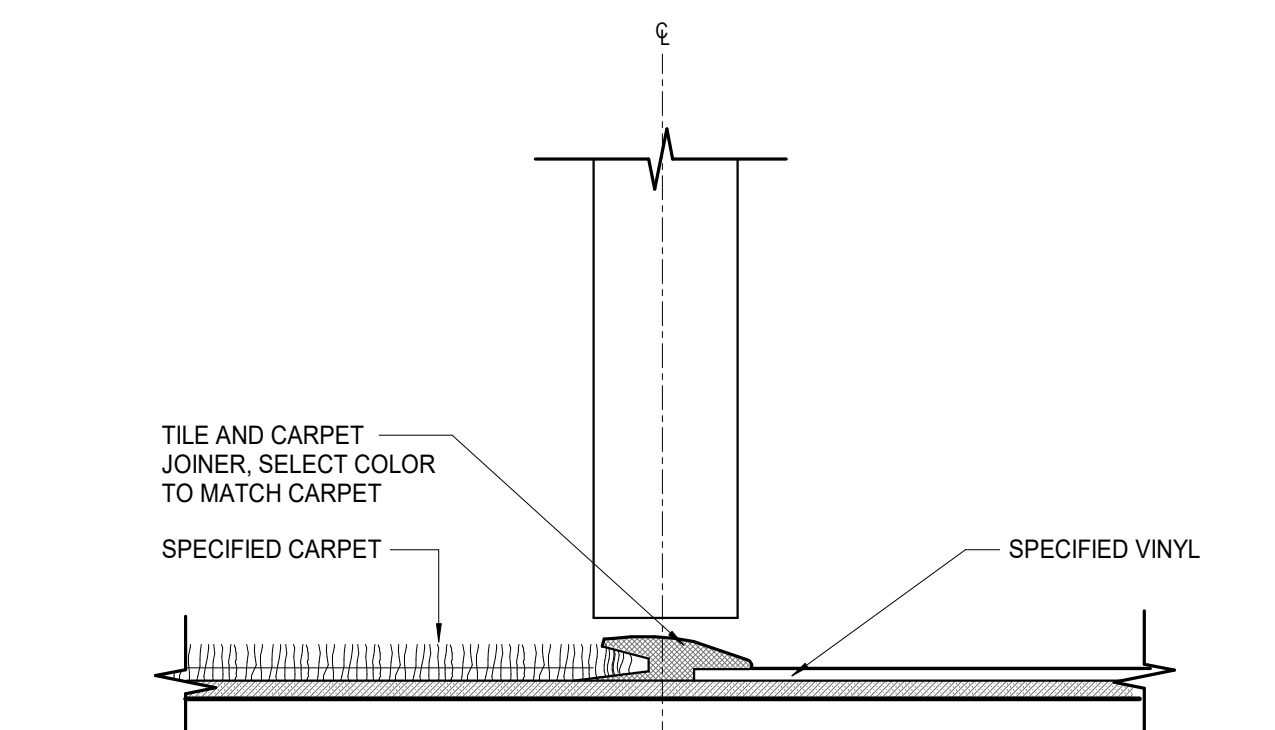
5 CARPET TO TILE W/ MT STRIP
A830.1 6'-1-0"



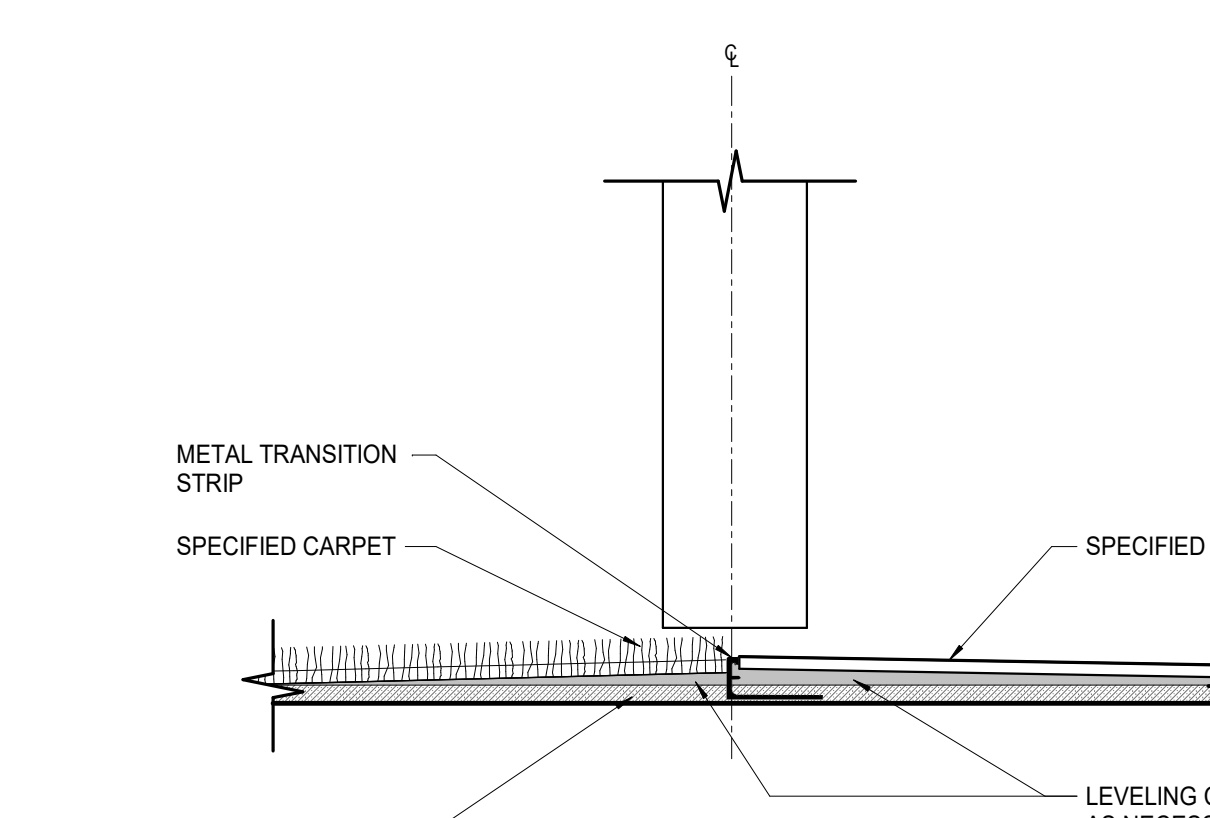
6 LVT TO CONCRETE SLAB W/ JOINER
A830.1 6'-1-0"



7 LVT TO LVT W/ JOINER
A830.1 6'-1-0"



8 CARPET TO LVT W/ JOINER
A830.1 6'-1-0"



9 CARPET TO LVT W/ JOINER
A830.1 6'-1-0"



Project Information:

19018

COK PUBLIC SAFETY COMPLEX

900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:
Architects Design Group

#	ISSUE	DATE
4	ADD #4.1	03/03/21

Issue Date: FEBRUARY 01, 2021
PIC: DAVID COLLINS
PM: JOHN THURMAN
PA: LAUREN BUSH /
Drawn By: Author
Checked By: BP

Drawing Info:

A830.3

TYPICAL MILLWORK DETAILS

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ARCHITECTURAL WOOD WORK GENERAL NOTES

- GENERAL:
1. ALL SECTION DETAILS ON THIS SHEET MAY NOT APPLY TO THIS PROJECT.
 2. ARCHITECTURAL WOODWORK TYPES:
• TYPES, WIDTH HEIGHT & DEPTH ARE INDICATED ON THE INTERIOR ELEVATIONS IN THE A830 SERIES DRAWINGS. ALL CABINET HEIGHTS SHOULD BE COORDINATED WITH COUNTERTOP HEIGHTS DIMENSIONED ON INTERIOR ELEVATIONS.
 3. VERIFY AND COORDINATE CLEAR DIMENSIONS REQUIRED FOR OWNER-FURNISHED EQUIPMENT LOCATED WITHIN OR ADJACENT TO ANY CABINETS.
 4. COORDINATE INSTALLATION OF SINKS WITH ASSOCIATED PIPING AND FITTINGS PLUS WITH INSTALLATION OF ACCESSIBLE COVER PANELS.
 5. REQUIRED SCRIBES AND FILLER PIECES SHALL BE INSTALLED TO ALLOW PROPER OPERATION OF DRAWERS AND DOORS. THEY SHALL BE EVENLY DISTRIBUTED AND OF EQUAL WIDTH ALONG A SINGLE RUN OF CABINETS. THEY SHALL BE 3" WIDE. MAXIMUM EXCEPT INSIDE CORNER FILLERS SHALL BE 2 1/2" WIDE. MINIMUM. REF XXXA811 FOR INSIDE CORNER DETAIL.
 6. WHERE BASE CABINETS INTERSECT AT INSIDE CORNER CONDITIONS PROVIDE WALL MOUNTED LEDGERS TO SUPPORT COUNTERTOP AT CORNERS. WHERE UPPER CABINETS INTERSECT AT INSIDE CORNER CONDITIONS PROVIDE HORIZONTAL FILLER PANEL FLUSH WITH BOTTOM OF CABINETS.
 7. PROVIDE PLASTIC SCREW COVERS TO CONCEAL SCREW HEADS AT ALL SEMI-EXPOSED CABINET SURFACES. ALL EXPOSED SCREWS SHALL BE 1" THICK.
 8. CORE MATERIAL FOR SHELVING GREATER THAN 30" WIDE SHALL BE 1" THICK.
 9. REFERENCE A-XXX FOR TOILET ACCESSORY LEGEND AND MOUNTING HEIGHTS.
 10. ALL VERTICAL JOINTS BETWEEN CABINETS SHALL BE FLUSH OVERLAY BUTT JOINTS. THEY SHALL LOOK "SEAMLESS" AND COVERED IN PLASTIC LAMINATE.
 11. FIELD VERIFY DIMENSIONS BEFORE CABINET FABRICATION. NOTIFY ARCHITECT OF CONFLICTS AND DISCREPANCIES PRIOR TO FABRICATION.
 12. PROVIDE FILLER PANELS AS NEEDED BETWEEN BUILT-IN APPLIANCES AND ADJACENT CABINETS OR WALLS.

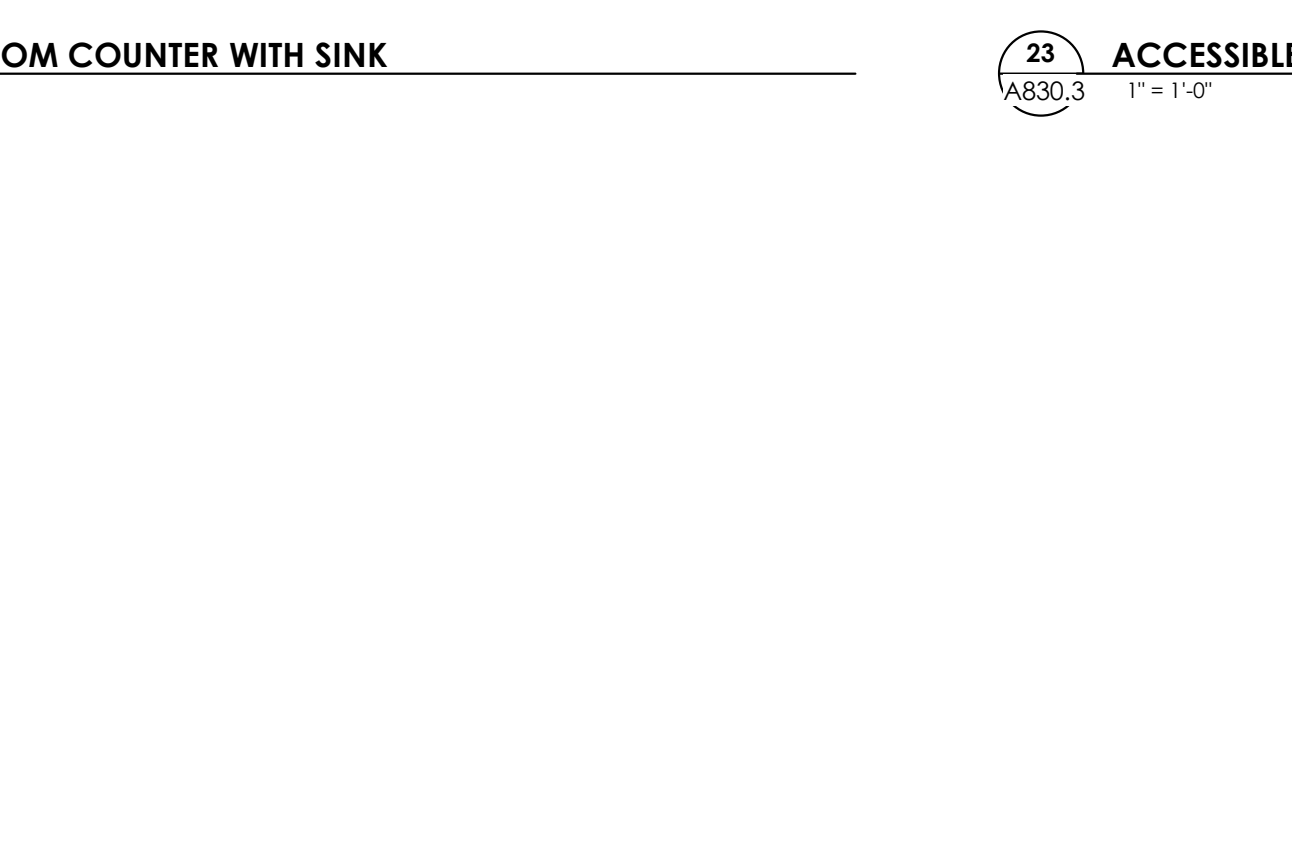
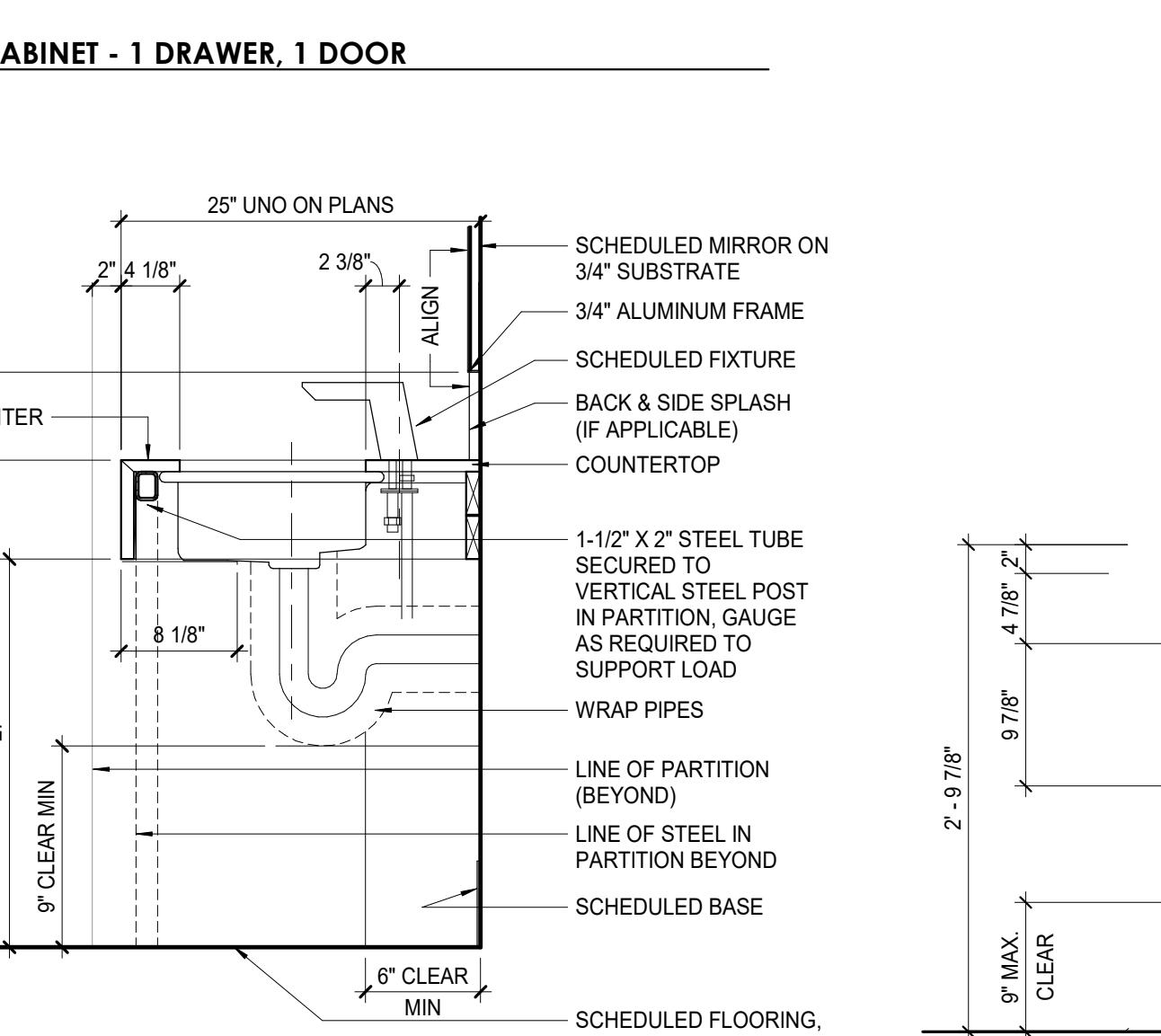
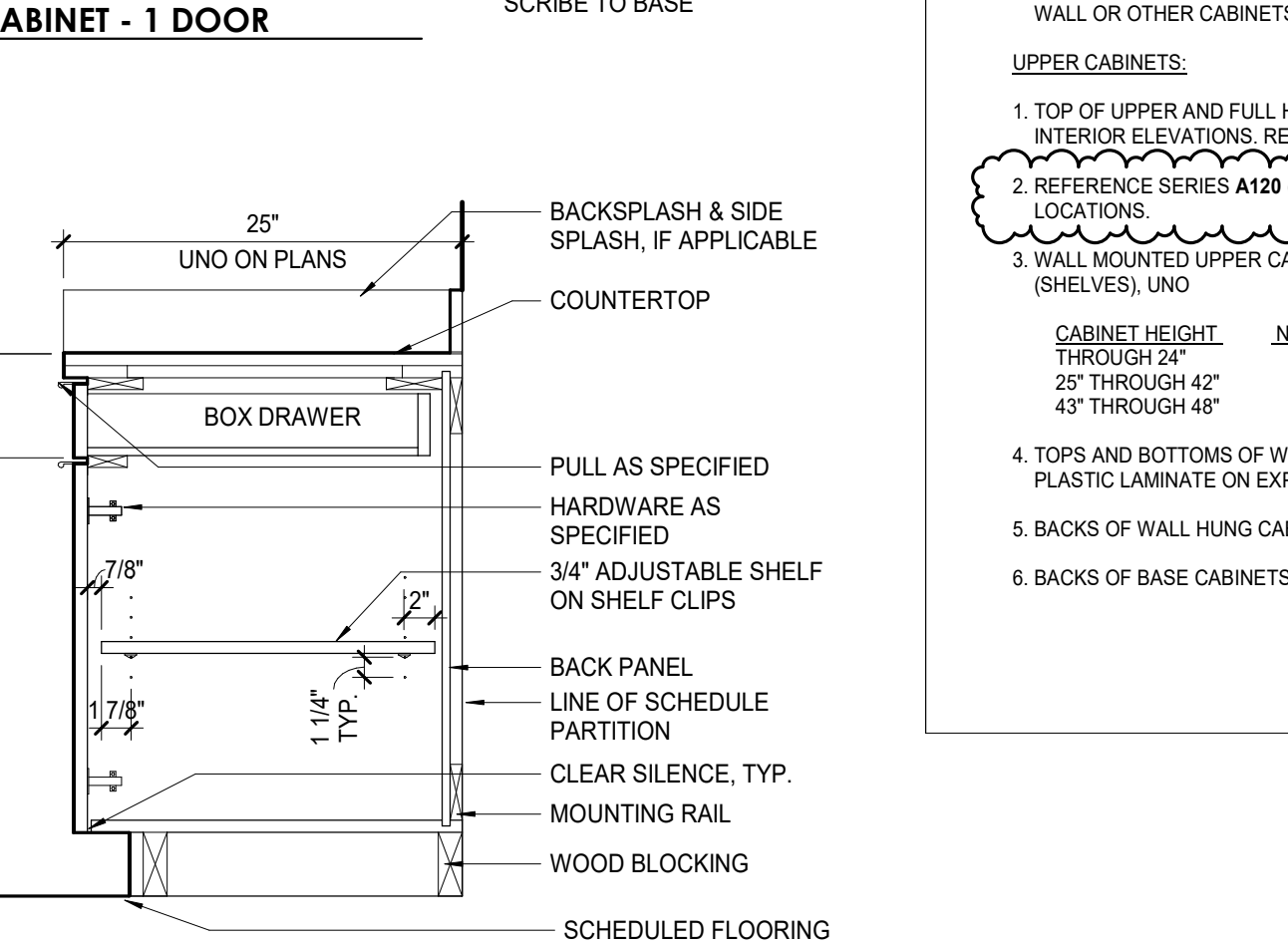
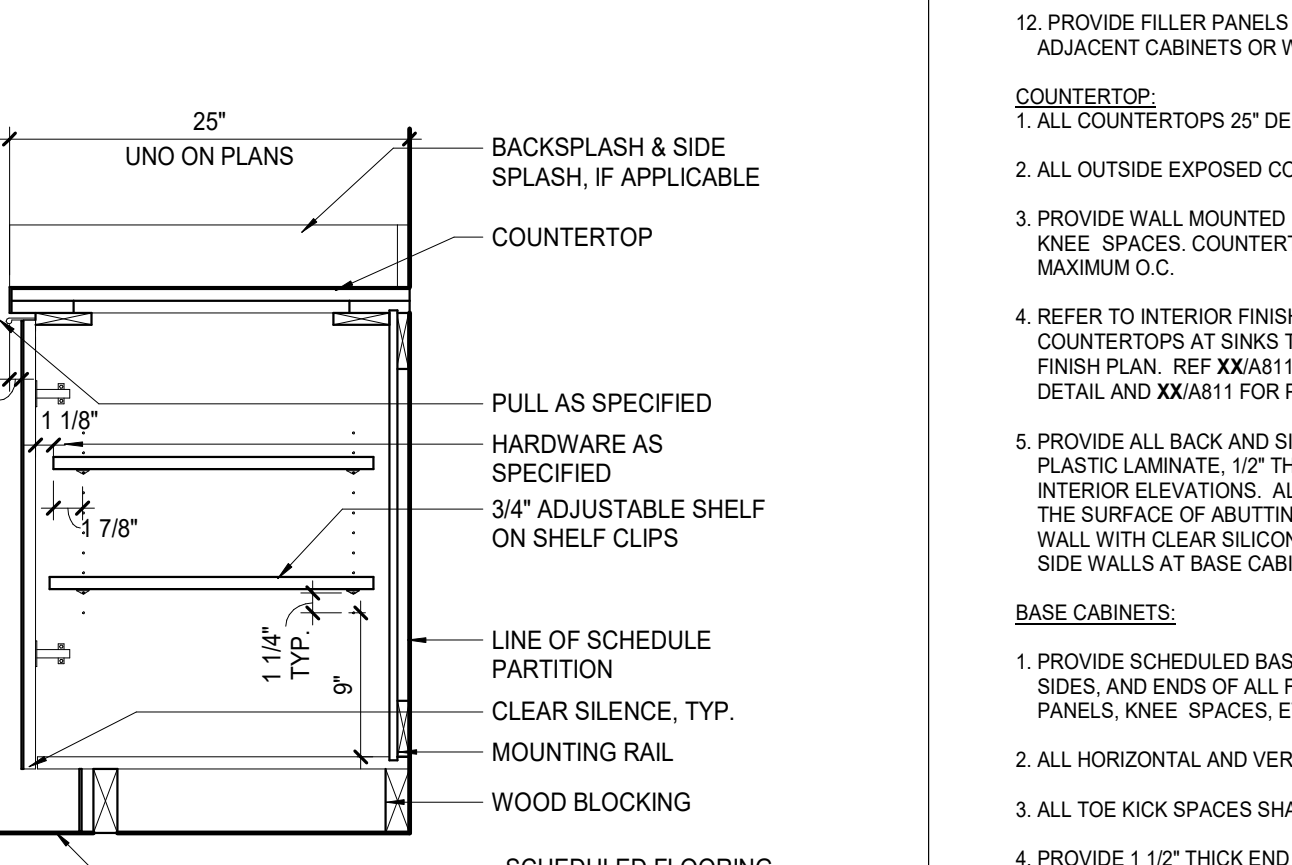
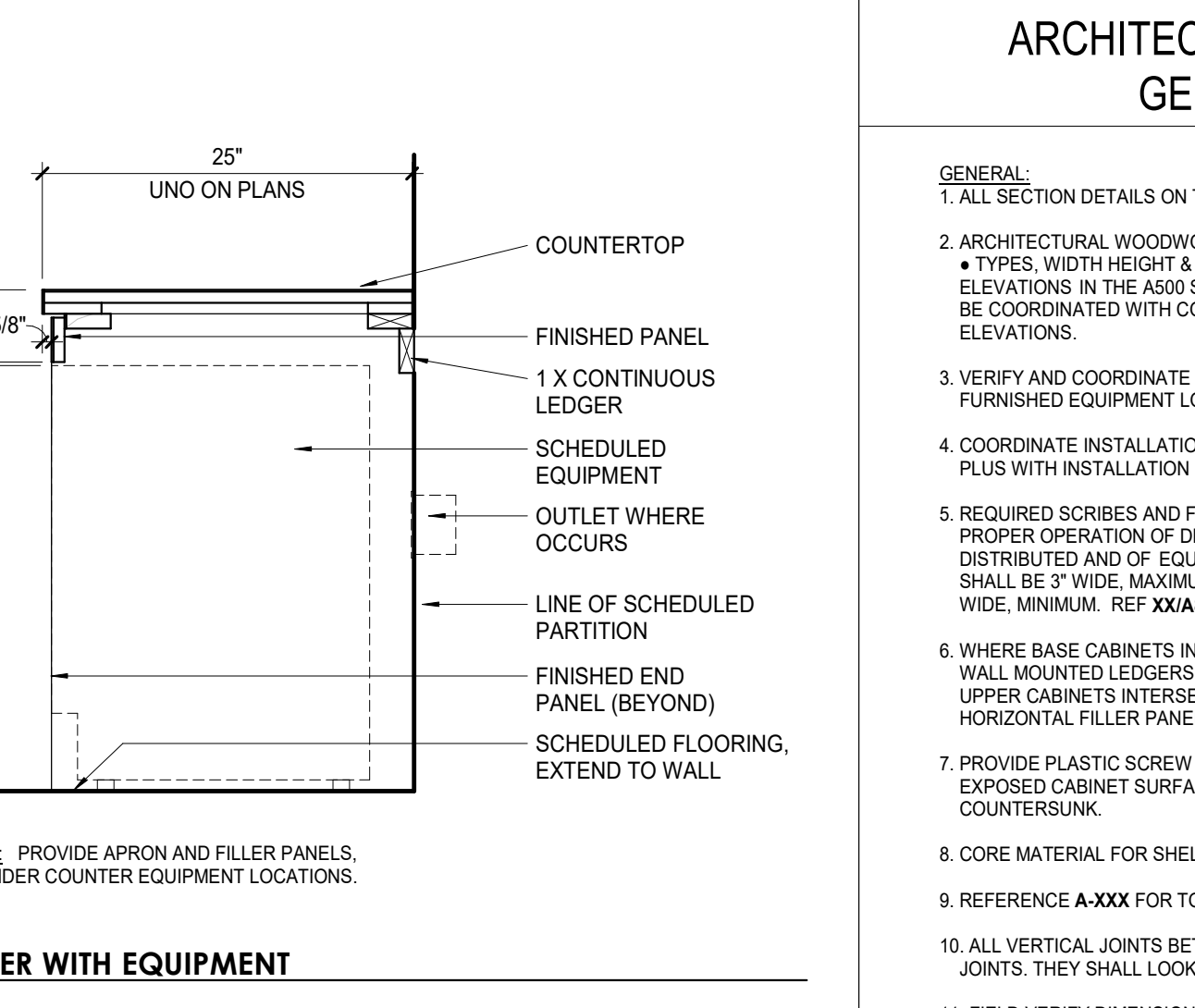
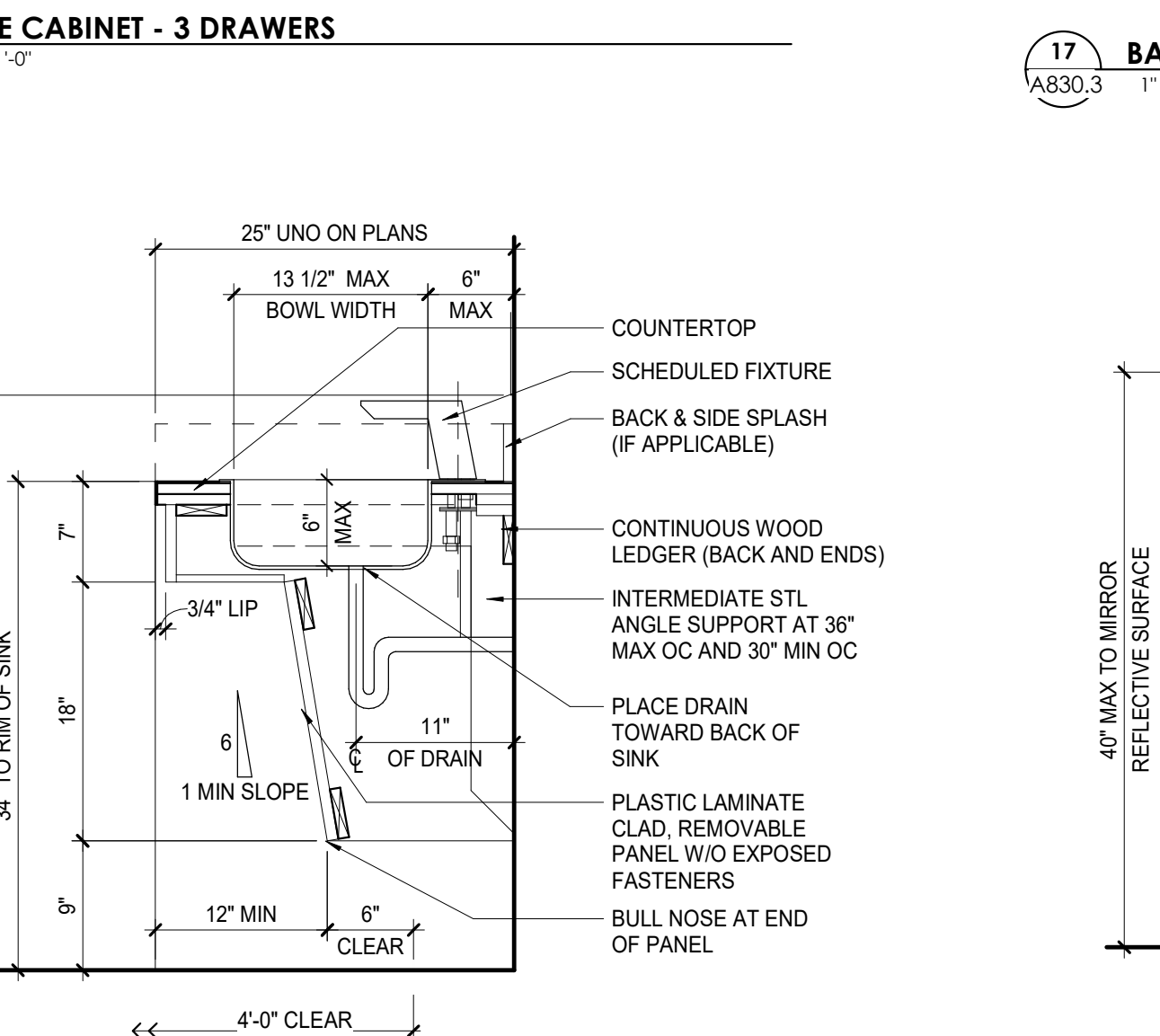
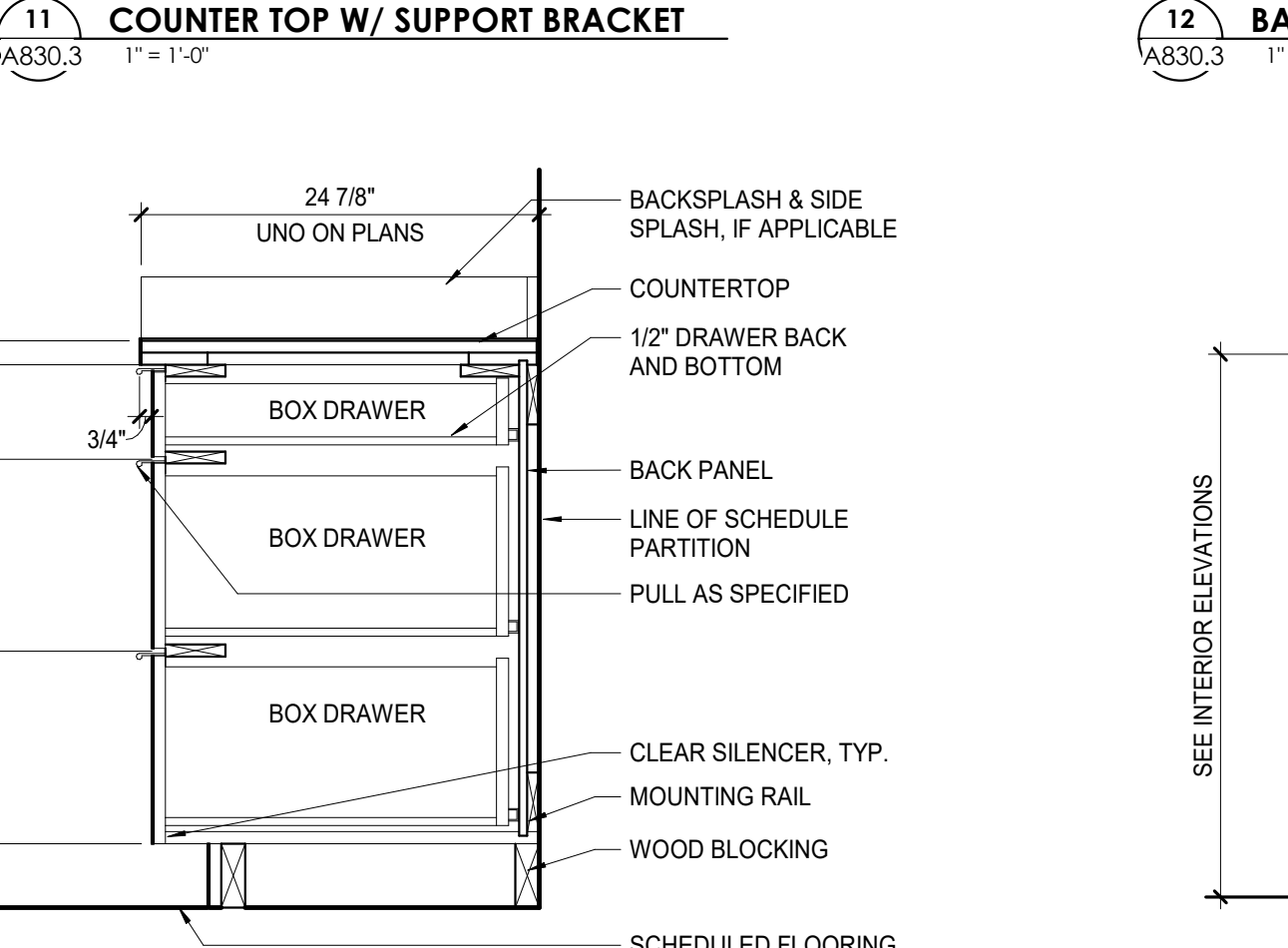
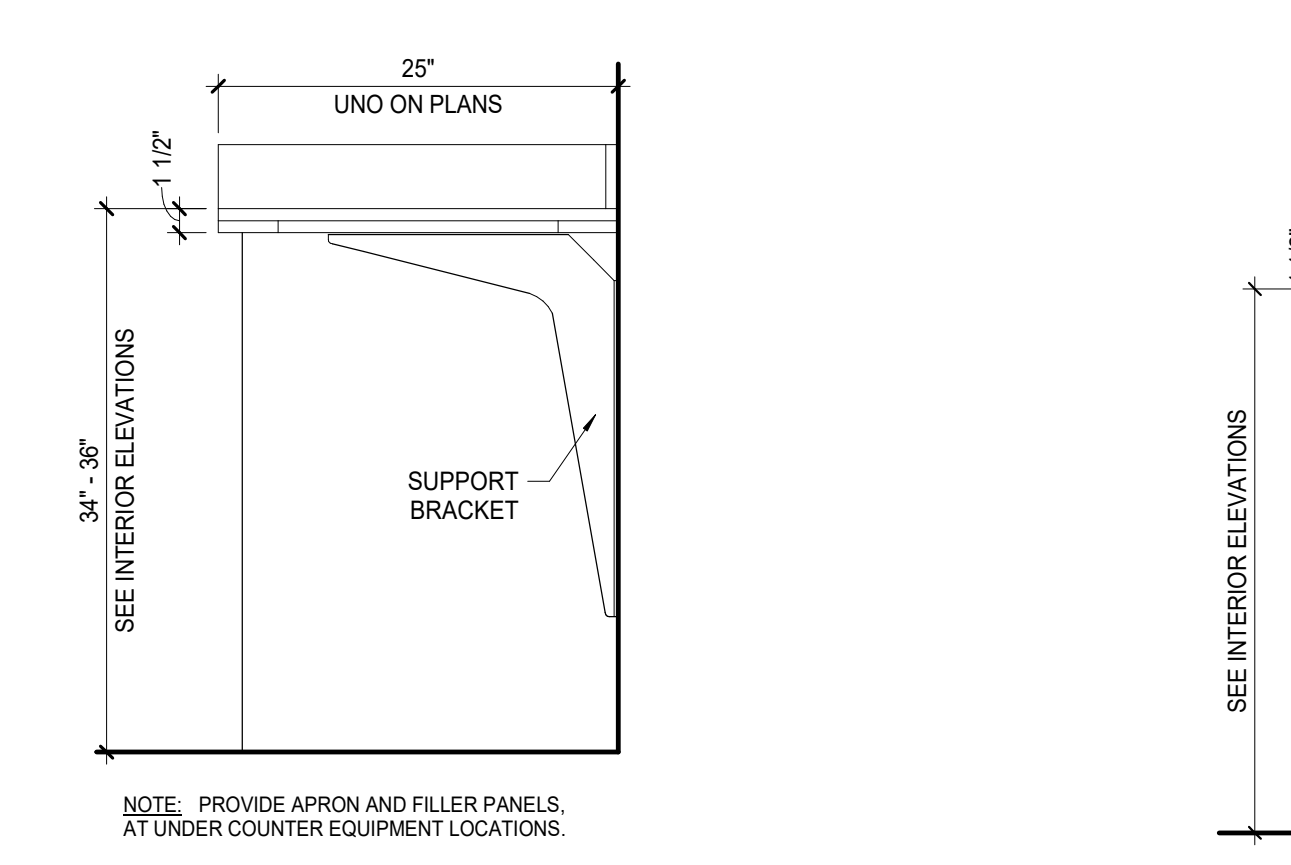
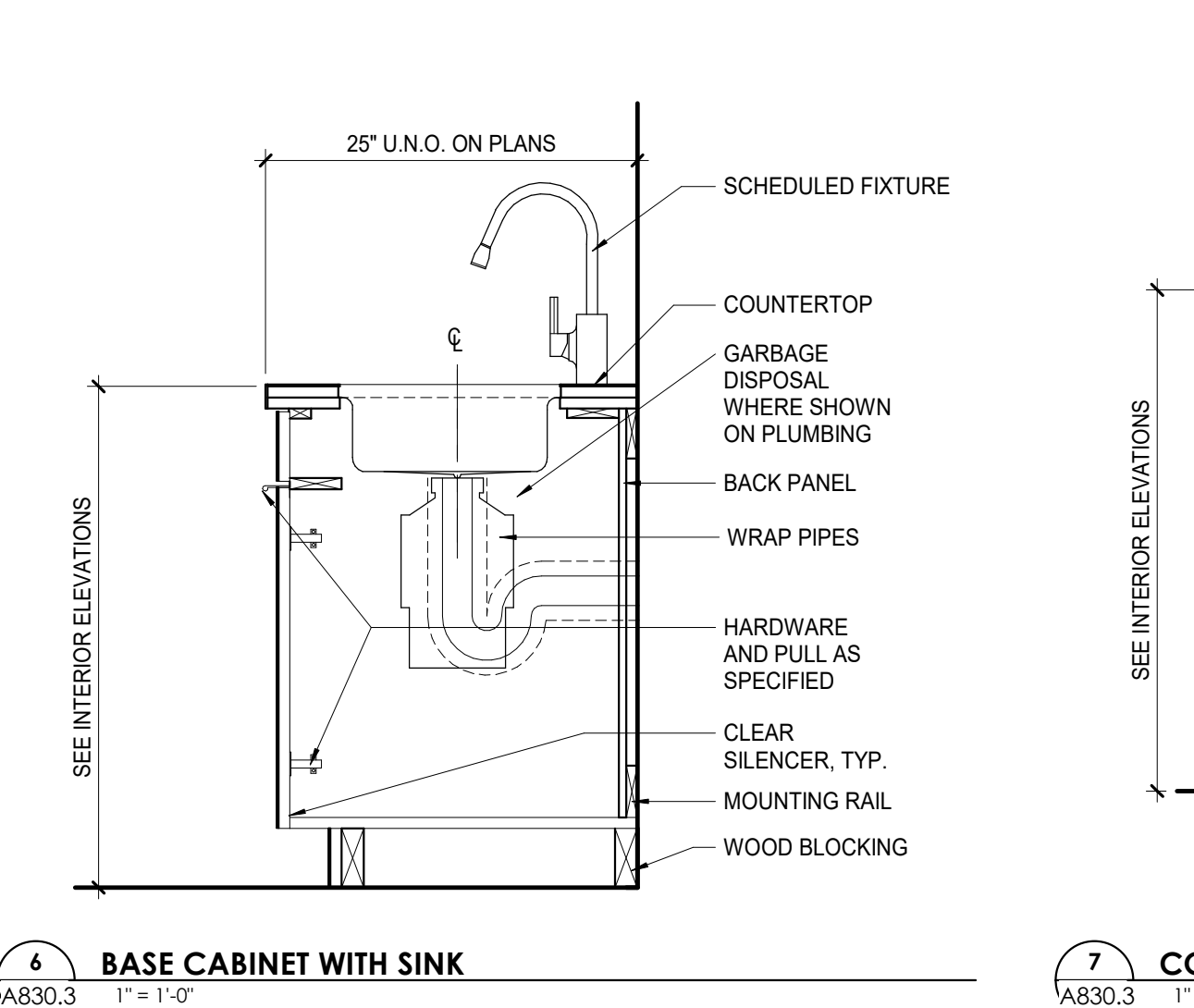
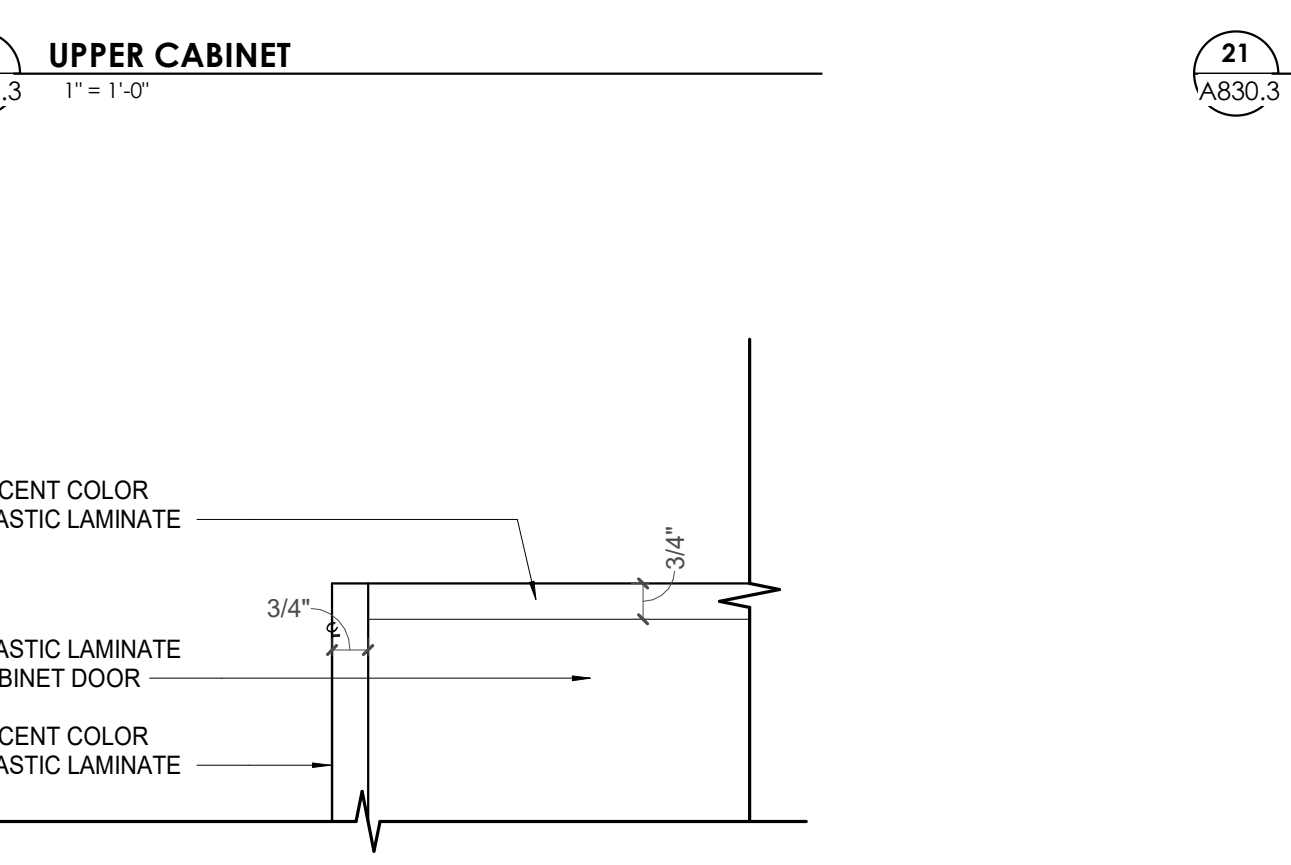
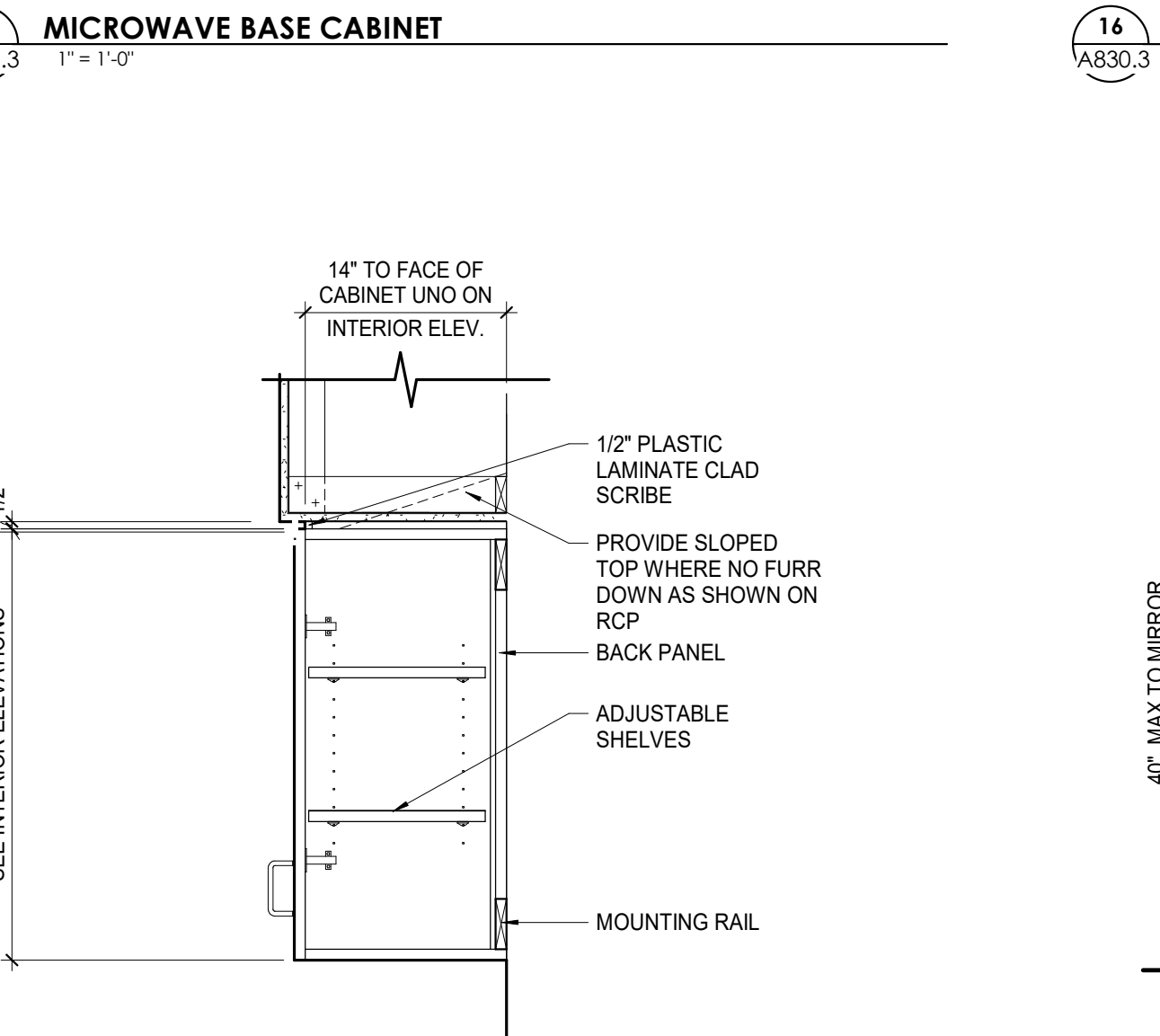
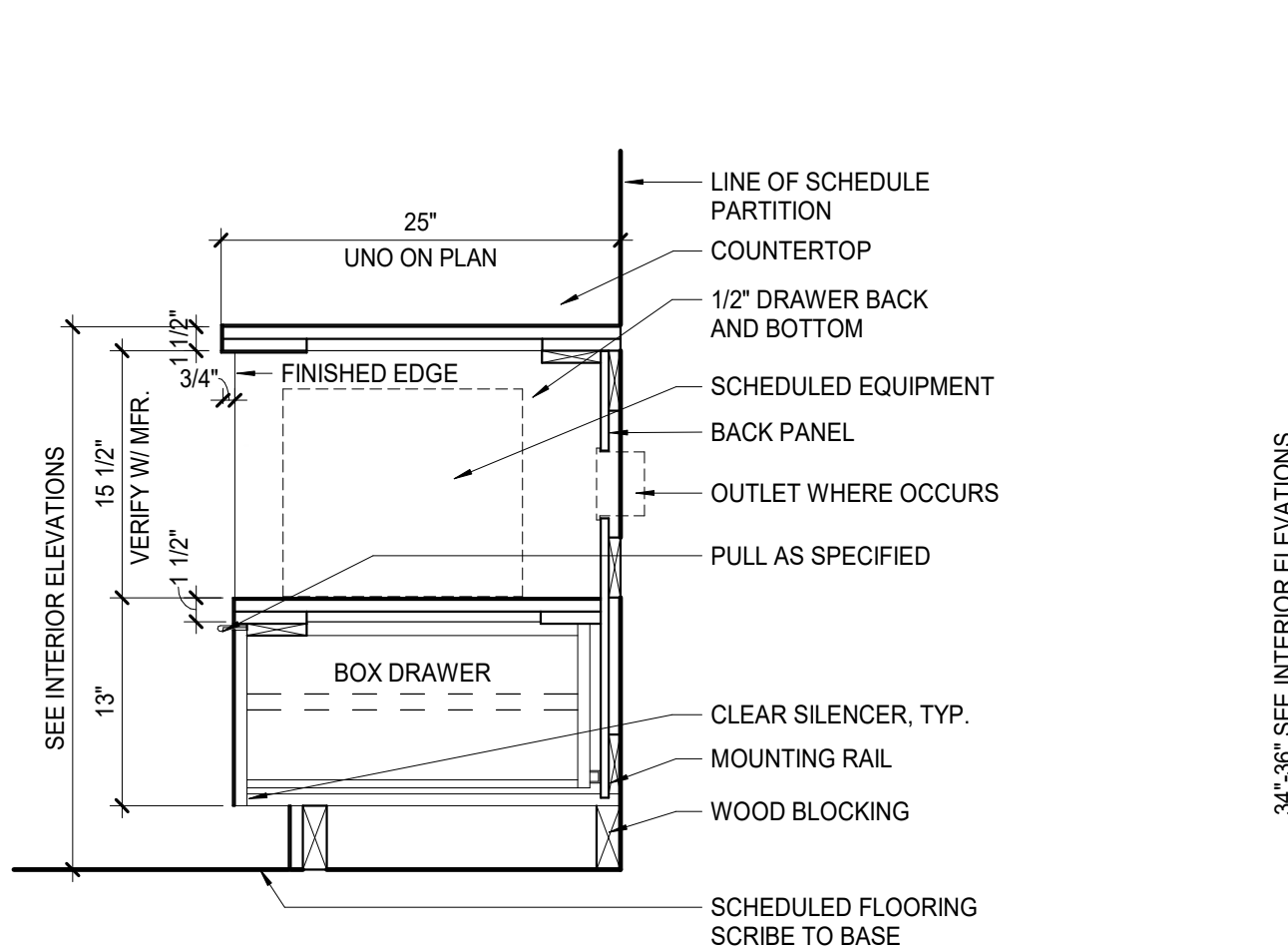
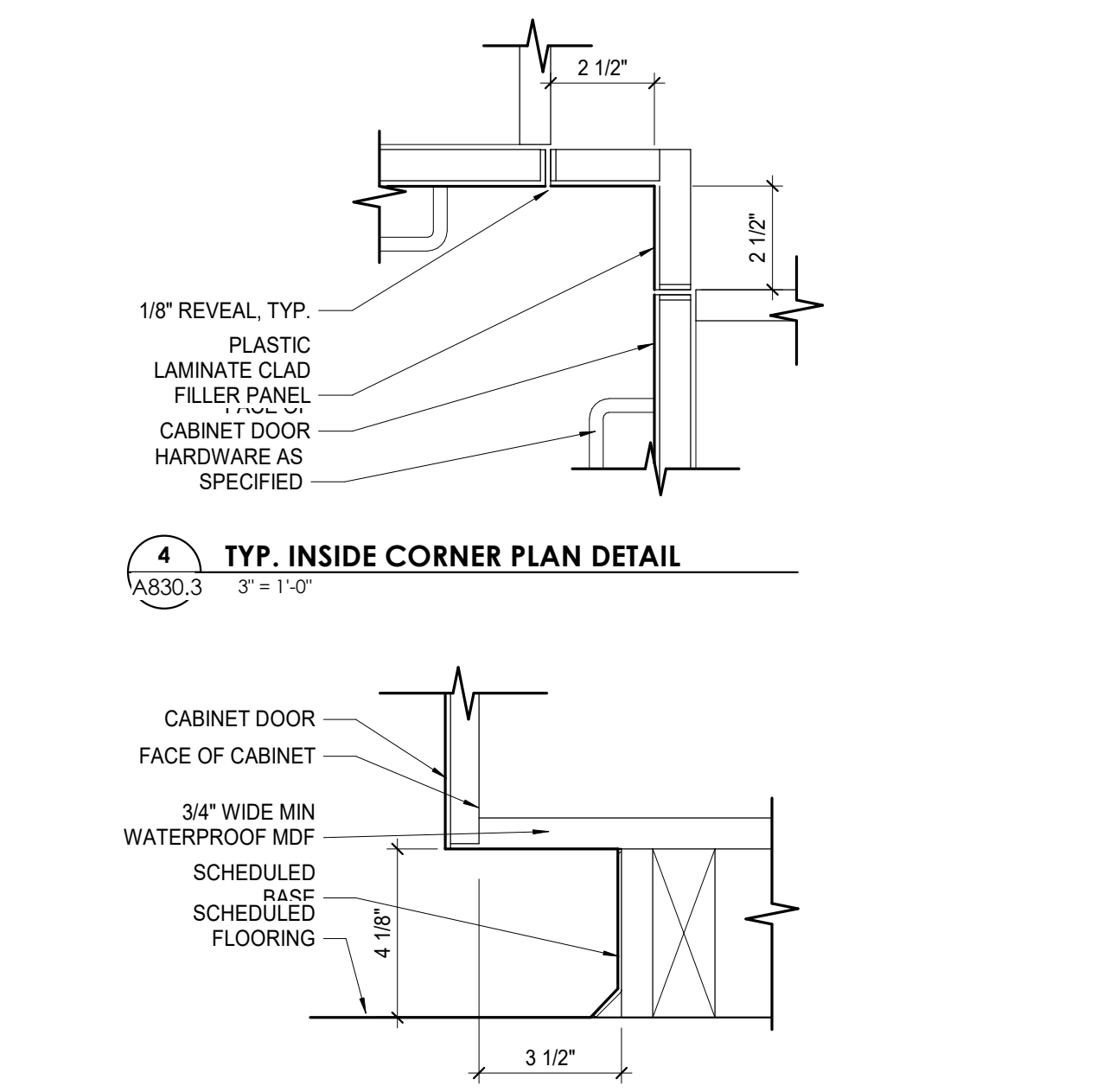
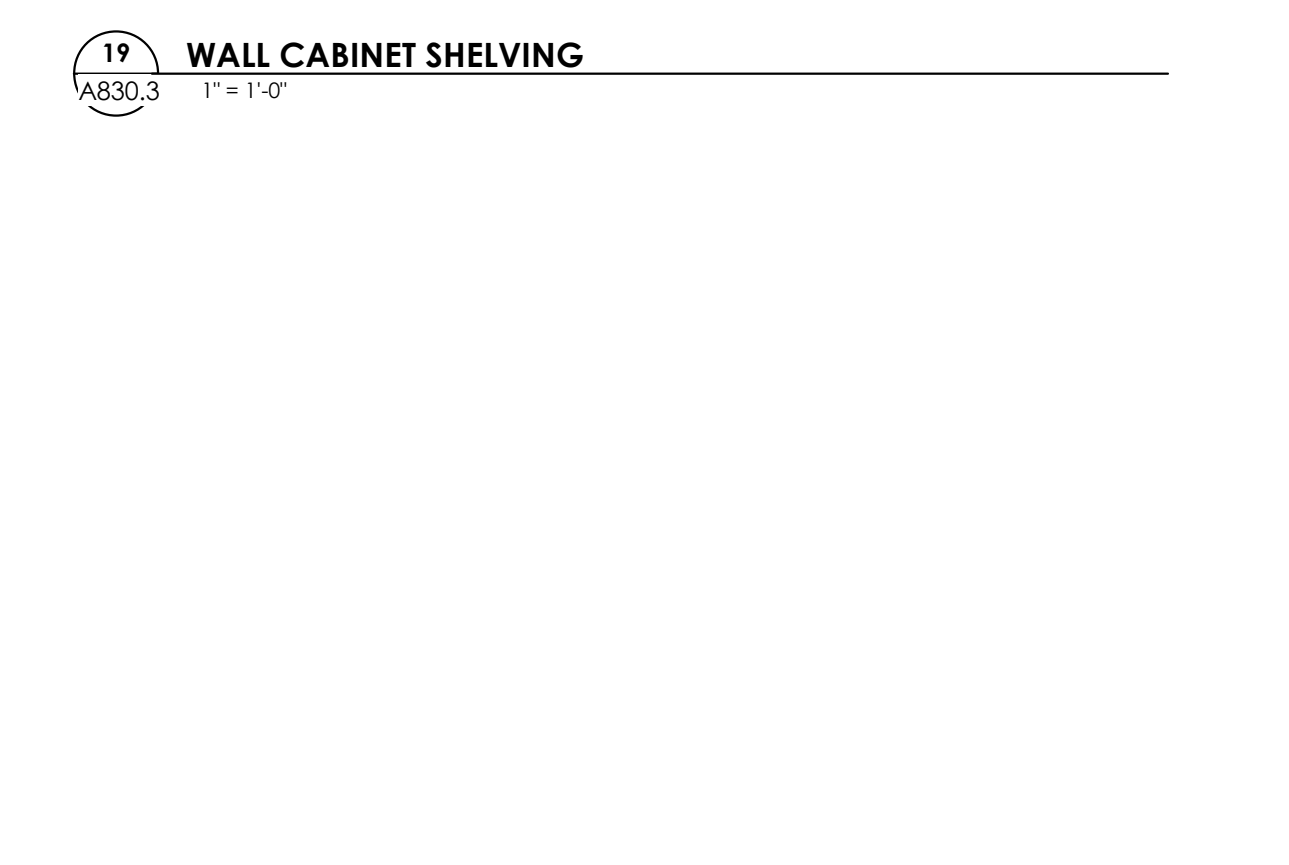
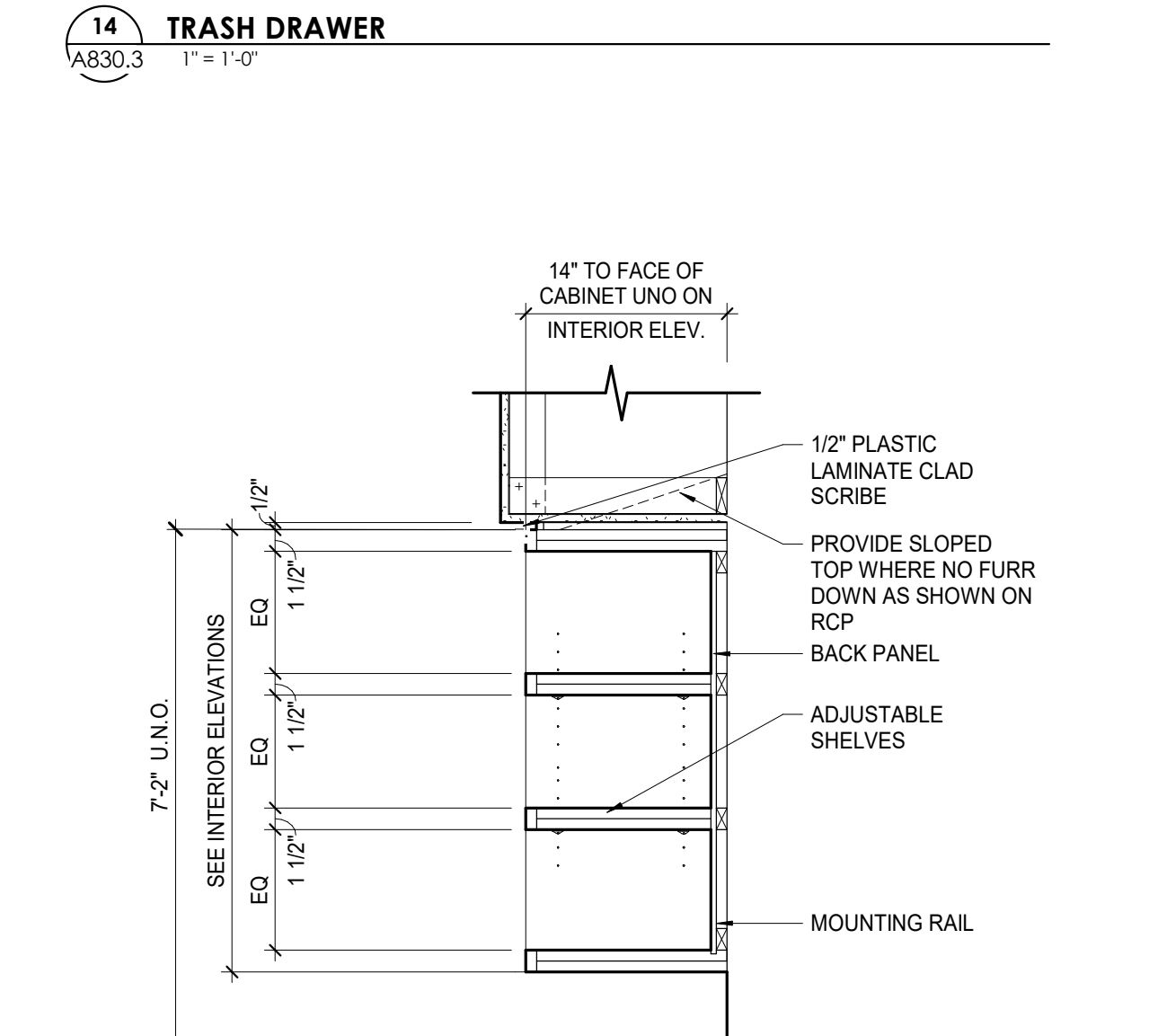
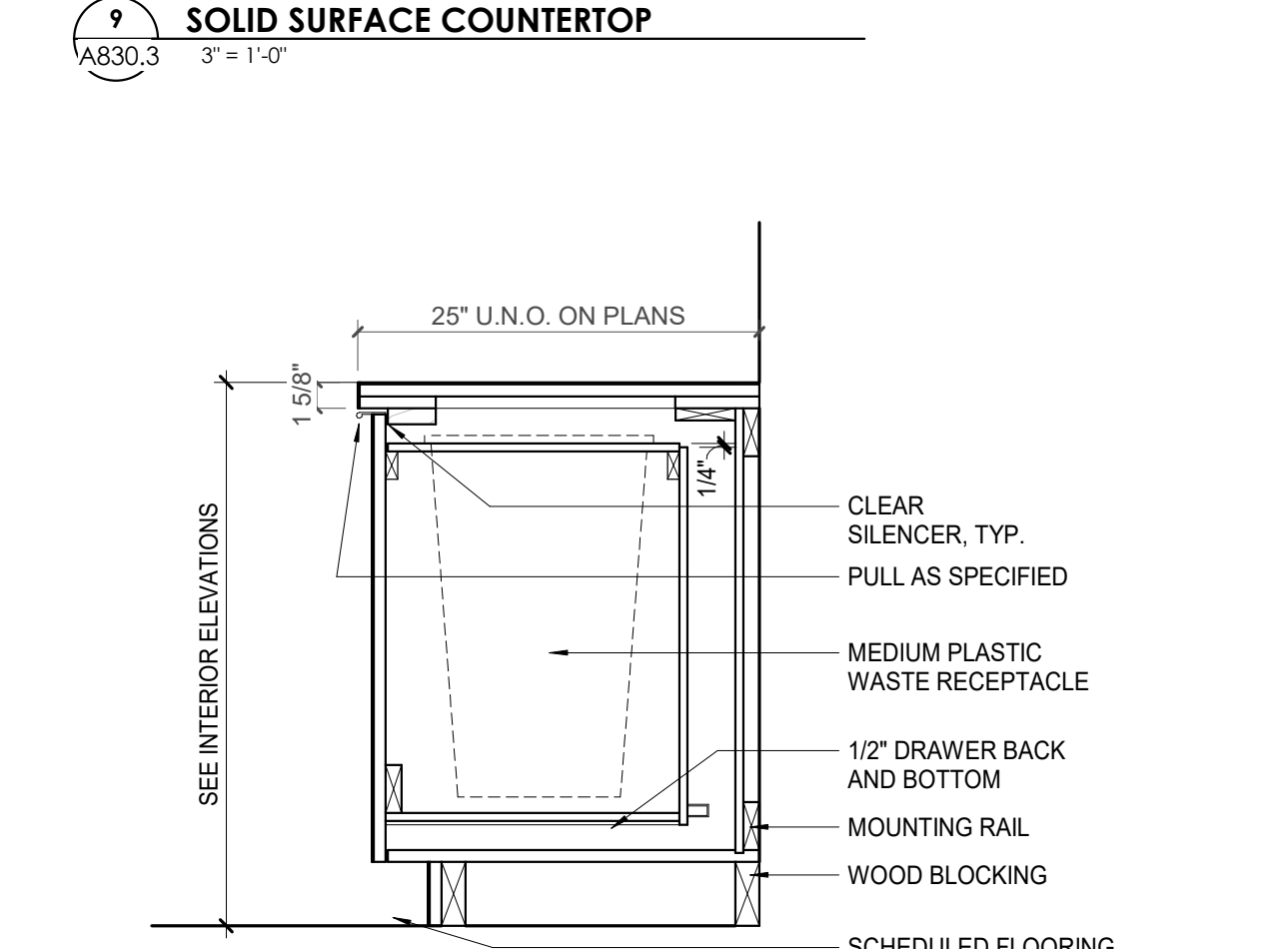
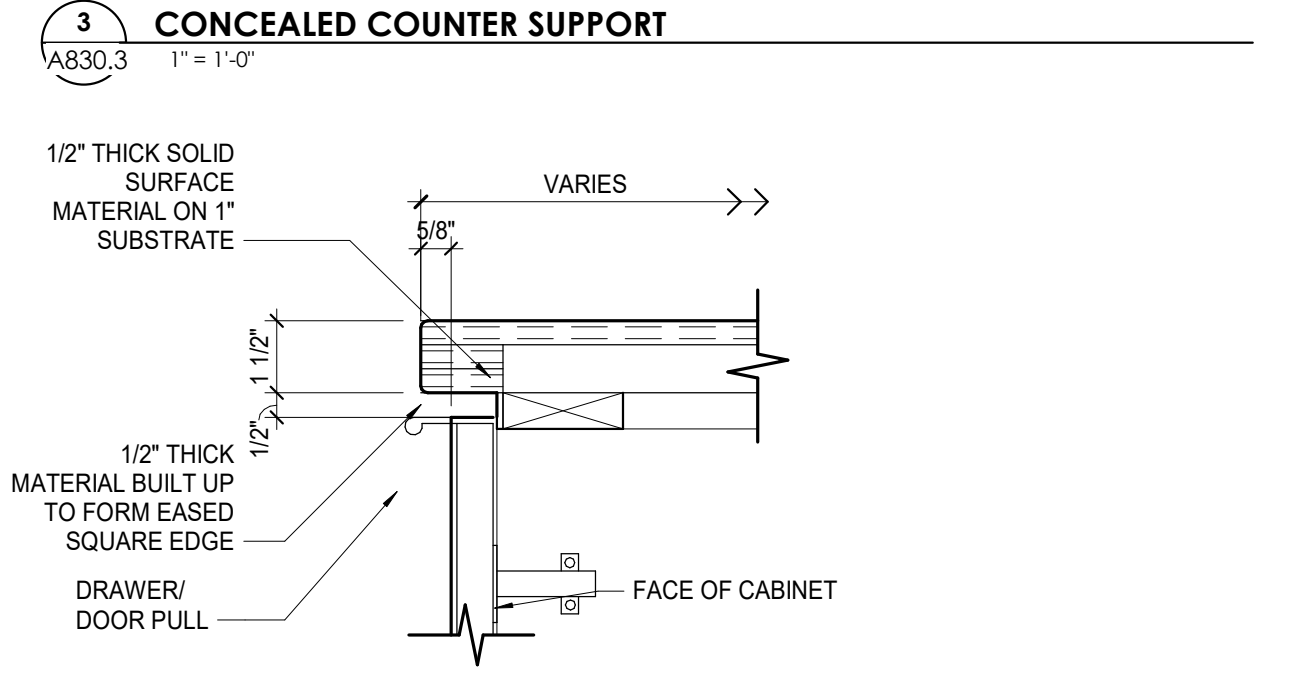
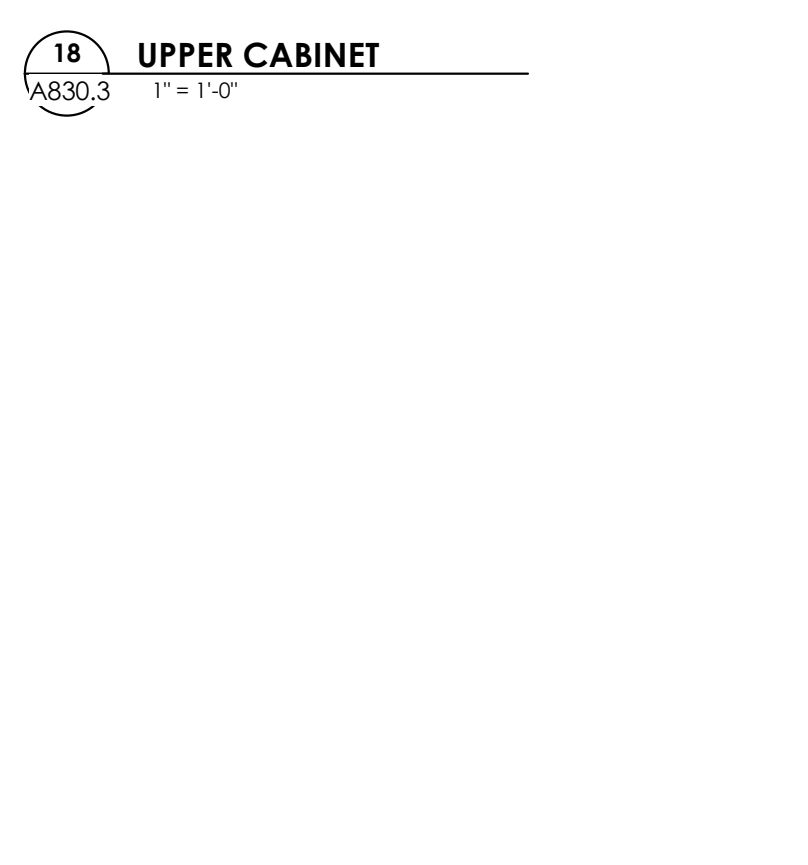
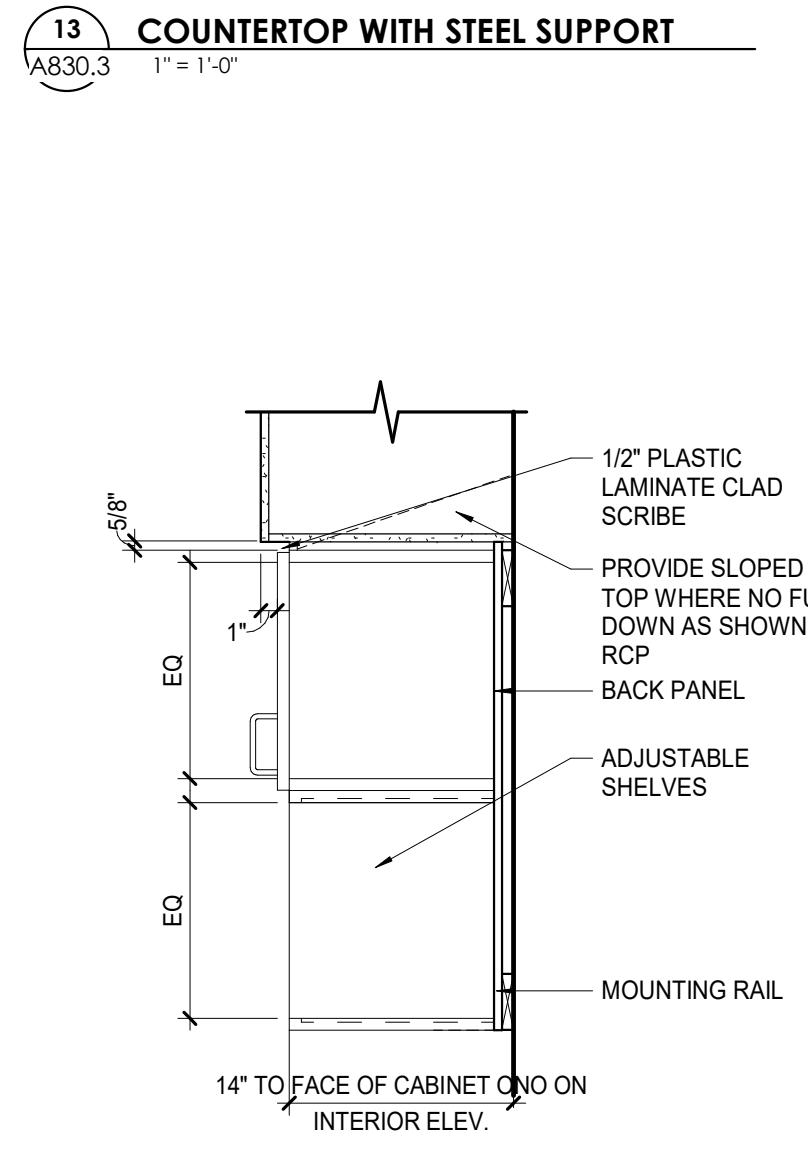
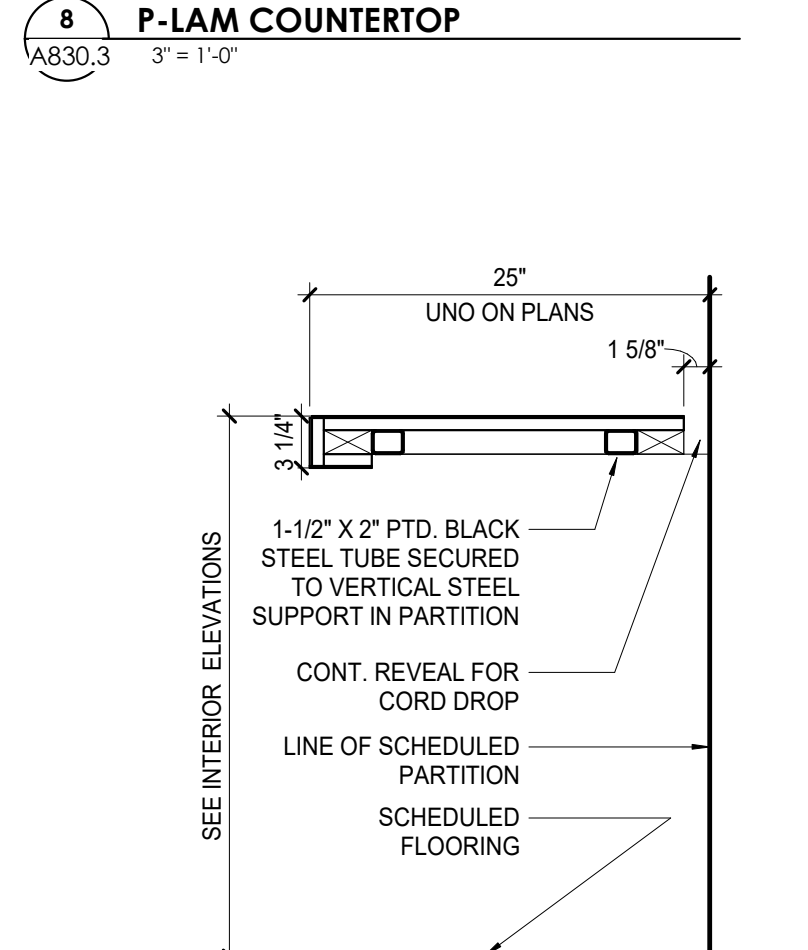
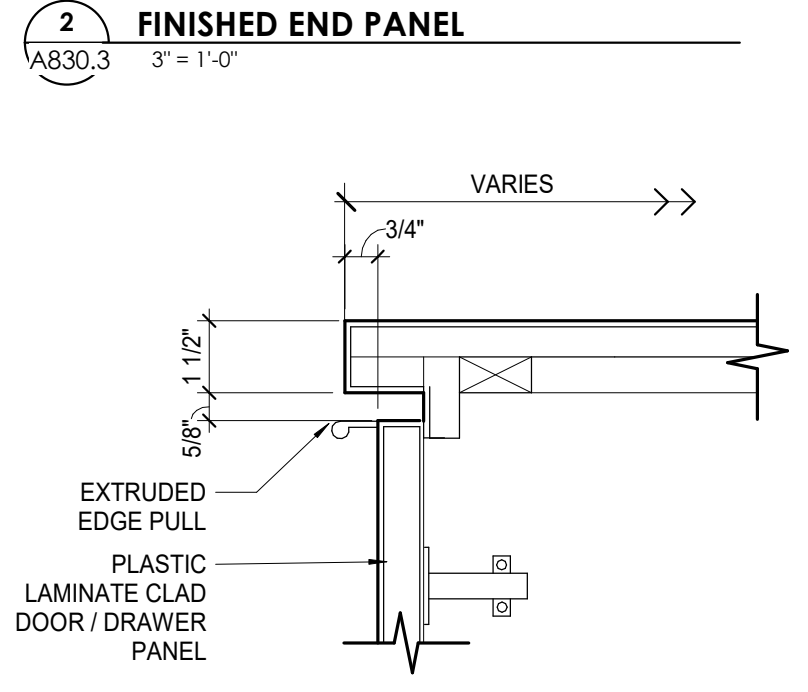
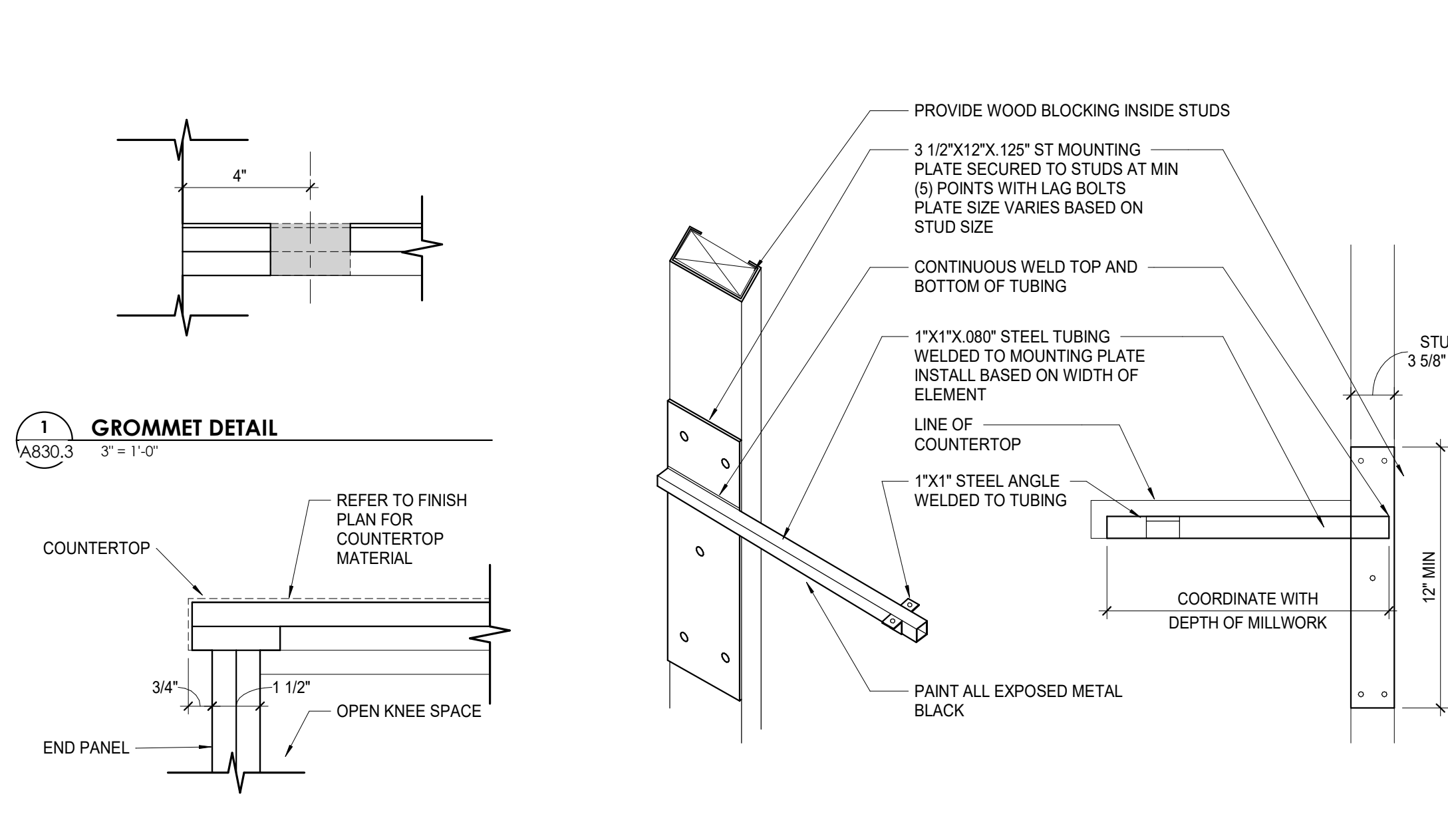
- COUNTERTOP:
1. ALL COUNTERTOPS 25" DEEP UNO ON INTERIOR ELEVATIONS.
 2. ALL OUTSIDE EXPOSED COUNTERTOP CORNERS TO BE 1 1/2" RADIUS UNO.
 3. PROVIDE WALL MOUNTED BRACKETS FOR SUPPORT OF COUNTERTOPS AT KNEE SPACES. COUNTERTOPS SHALL BE SUPPORTED 30" MINIMUM - 36" MAXIMUM O.C.
 4. REFER TO INTERIOR FINISH PLAN FOR COUNTERTOP MATERIAL. ALL COUNTERTOPS AT SINKS TO BE SOLID SURFACE MATERIAL. UNO ON INTERIOR FINISH PLAN. REF XXXA811 SOLID SURFACE MATERIAL COUNTERTOP EDGE DETAIL AND XXXA811 FOR PLASTIC LAMINATE COUNTERTOP EDGE DETAIL.
 5. PROVIDE ALL BACK AND SIDE SPLASHES THAT ARE 4" TALL X 3/4" THICK IF PLASTIC LAMINATE. 1/2" THICK IF SOLID SURFACE MATERIAL. UNO ON THE INTERIOR ELEVATIONS. ALL SPLASHES SHALL BE SCRIBED TO CONFORM TO THE SURFACE OF ADJUTING WALLS. ALL SPLASHES SHALL BE SEALED TO THE WALL WITH CLEAR SILICONE SEALANT. PROVIDE SPLASHES ON ALL REAR AND SIDE WALLS AT BASE CABINETS. UNO.

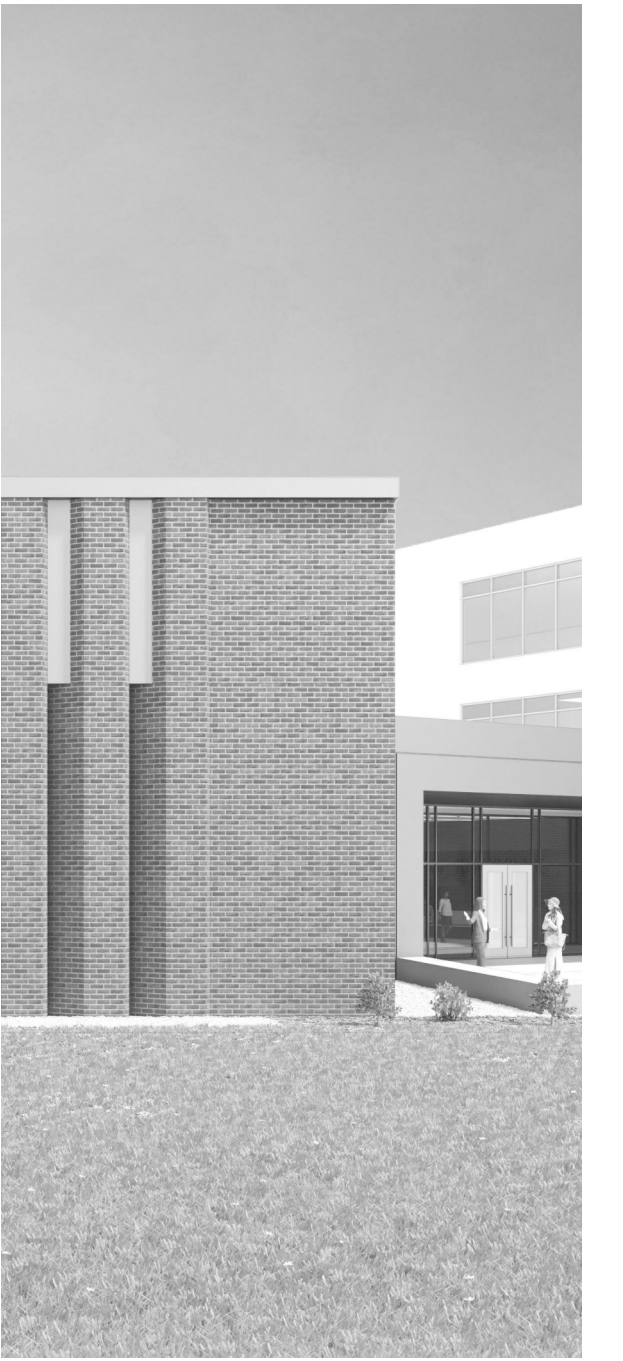
- BASE CABINETS:
1. PROVIDE SCHEDULED BASE ALONG BOTTOM OF EXPOSED FRONTS, BACKS, SIDES, AND ENDS OF ALL FIXED CABINETS, PEDESTALS, VERTICAL SUPPORT PANELS, KNEE SPACES, ETC. UNO ON THE INTERIOR ELEVATIONS.
 2. ALL HORIZONTAL AND VERTICAL JOINTS SHALL BE 1/8" MAX. UNO.
 3. ALL TOE KICK SPACES SHALL BE 4" TALL X 3 1/2" DEEP. UNO. REF XXXA811.
 4. PROVIDE 1 1/2" THICK END PANEL AT KNEE SPACES. UNDER COUNTER APPLIANCE OPENINGS AND ACCESSIBLE LAVSINKS THAT DO NOT ABUT A WALL OR OTHER CABINETS.

- UPPER CABINETS:
1. TOP OF UPPER AND FULL HEIGHT CABINETS SHALL BE 7'-2" AFF UNO ON INTERIOR ELEVATIONS. REF A830 SERIES DRAWINGS.
 2. REFERENCE SERIES A129 (REFLECTED CEILING PLANS) FOR FURR DOWN LOCATIONS.
 3. WALL MOUNTED UPPER CABINETS SHALL INCLUDE ADJUSTABLE SHELF (SHELVES) UNO.

CABINET HEIGHT THROUGH 24"	NUMBER OF SHELVES
25" THROUGH 42"	1
42" THROUGH 48"	2
48" THROUGH 60"	3

4. TOPS AND BOTTOMS OF WALL HUNG CABINETS SHALL BE 3/4" THICK WITH PLASTIC LAMINATE ON EXPOSED SURFACES.
5. BACKS OF WALL HUNG CABINETS SHALL BE 1/4" THICK UNO.
6. BACKS OF BASE CABINETS SHALL BE 1/4" THICK UNO.





Project Information:

19018

COK PUBLIC SAFETY
COMPLEX
900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:
Architects Design Group

#	ISSUE	DATE
3	ADD #03.1	02/24/21
4	ADD #04.1	03/03/21

Issue Date: FEBRUARY 01, 2021
 PIC: DAVID COLLINS
 PM: JOHN THURMAN
 PA: LAUREN BUSH /
 Drawn By: Author
 Checked By: BP

Drawing Info:

A900

FINISH LEGEND

FLOOR FINISHES	PRODUCT	PORCELAIN FLOOR TILE
PFT-1	PRODUCT:	CLEAR CERAMICS
MANUF:	CEASAR CERAMICS	
COLLECTION:	PORTRAITS	
FINISH:	HONED	
COLOR:	COMBLANCHEN	
SIZE / FORMAT:	12X24	
GROUT:	GT-5	
PFT-2	PRODUCT:	PORCELAIN FLOOR TILE
MANUF:	LANDMARK CERAMICS	
COLLECTION:	MADE IN	
COLOR:	PASSION SILVER	
SIZE / FORMAT:	12X24	
GROUT:	GT-2	
PFT-3	PRODUCT:	PORCELAIN FLOOR TILE
MANUF:	LANDMARK CERAMICS	
COLLECTION:	MADE IN	
COLOR:	PASSION SILVER	
SIZE / FORMAT:	24X24 MOSAIC A	
GROUT:	GT-2	
PFT-4	PRODUCT:	PORCELAIN FLOOR TILE
MANUF:	MILESTONE	
COLLECTION:	URBAN LANDSCAPE	
COLOR:	SOHO	
SIZE / FORMAT:	12 X 24	
GROUT:	GT-2	
PFT-5	PRODUCT:	PORCELAIN FLOOR TILE
MANUF:	CEASAR CERAMICS	
COLLECTION:	PORTRAITS	
FINISH:	HONED	
COLOR:	COMBLANCHEN	
SIZE / FORMAT:	30X36 CM DECOR (2X2)	
GROUT:	GT-5	
CPT-1	PRODUCT:	CARPET TILE
MANUF:	PATOCRAFT	
COLLECTION:	CRAFTED SURFACE	
STYLE/FINISH:	#0549 HERLOOM TWEED	
COLOR:	#00570 CHARCOAL FRINGE	
SIZE / INSTALLATION:	18X36 ASHLAR	
CPT-2	PRODUCT:	CARPET TILE
MANUF:	PATOCRAFT	
COLLECTION:	CRAFTED SURFACE	
STYLE/FINISH:	#0549 HERLOOM TWEED	
COLOR:	#00530 SHADOW LOOP	
SIZE / INSTALLATION:	18X36 ASHLAR	
CPT-3	PRODUCT:	CARPET TILE
MANUF:	SHAW	
COLLECTION:	COLOR FRAME / COLOR FORM	
STYLE/FINISH:	#0112 COLOR FORM TILE	
COLOR:	#01458 HYPER BLUE	
SIZE/INSTALLATION:	9 X 36 ASHLAR	
CPT-4	PRODUCT:	CARPET TILE
MANUF:	INTERFACE	
COLLECTION:	READE STREET - NY + LONS STREETS	
STYLE/FINISH:	#176280250	
COLOR:	#105761 BLACK PLATE	
SIZE/INSTALLATION:	50CM x 90CM / MONOLITHIC	
CPT-5	PRODUCT:	CARPET TILE
MANUF:	JHI FLOORING GROUP	
COLLECTION:	BOUCLE DENIPLANK	
STYLE/FINISH:	#7081	
COLOR:	#2715 WEAVE	
SIZE / INSTALLATION:	12 X 48 ASHLAR	
CPT-6	PRODUCT:	CARPET TILE
MANUF:	PATOCRAFT	
COLLECTION:	CRAFTED SURFACE	
STYLE / FINISH:	#0549 HERLOOM TWEED	
COLOR:	#00570 CHARCOAL FRINGE	
SIZE / INSTALLATION:	18 X 36 HERRINGBONE	
CPT-7	PRODUCT:	CARPET TILE
MANUF:	PATOCRAFT	
COLLECTION:	CRAFTED SURFACE	
STYLE / FINISH:	#0549 HERLOOM TWEED	
COLOR:	#00530 SHADOW LOOP	
SIZE / INSTALLATION:	18 X 36 HERRINGBONE	
CPT-8	PRODUCT:	ESD CARPET TILE
MANUF:	STATIONWORK, INC.	
STYLE / FINISH:	SHADOWFX SDC "VERMONT SLATE" STATIC...	
COLOR:	VERMONT BLACK BEAR	
SIZE / INSTALLATION:	19.69" X 19.69"	
CPT-9	PRODUCT:	ESD CARPET TILE
MANUF:	STATIONWORK, INC.	
STYLE/FINISH:	SHADOWFX SDC "VERMONT SLATE" STATIC...	
COLOR:	VERMONT GRAY SLATE	
SIZE/INSTALLATION:	19.69" X 19.69"	
LVT-1	PRODUCT:	LUXURY VINYL TILE
MANUF:	INTERFACE	
COLLECTION:	BRUSHED LINES	
STYLE:	#A018	
COLOR:	#A01605 GRAPHITE	
LVT-2	PRODUCT:	LUXURY VINYL TILE
MANUF:	SHAW CONTRACT	
COLLECTION:	COMPOUND + CAST	
STYLE/FINISH:	#4077V COMPOUND 2.5 MM	
COLOR:	#77585 GRANITE	
SIZE/INSTALLATION:	24X24 MONOLITHIC	
LVT-3	PRODUCT:	LUXURY VINYL TILE
MANUF:	SHAW CONTRACT	
COLLECTION:	COMPOUND + CAST	
STYLE:	#4077V COMPOUND 2.5 MM	
COLOR:	#77515 THRESHOLD	
SIZE/INSTALLATION:	24 X 24 MONOLITHIC	
LVT-4	PRODUCT:	LUXURY VINYL TILE
MANUF:	INTERFACE	
COLLECTION:	BRUSHED LINES	
STYLE:	#A018	
COLOR:	#A01602 ALABASTER	
SC	PRODUCT:	SEALED CONCRETE
EF-1	PRODUCT:	EPOXY FLOORING
MANUF:	STONHARD	
STYLE / FINISH:	STONEGLAD / SMOOTH FINISH	
COLOR:	SILVER GREY	
CPT-10	PRODUCT:	WALK-OFF CARPET
MANUF:	PATOCRAFT	
COLLECTION:	FOOT IN THE DOOR II	
STYLE:	#0030R ENTRY POINT MODULAR	
COLOR:	#00590 CHARCOAL	
SIZE/INSTALLATION:	24X24 QUARTER TURN	
RF-1	PRODUCT:	RUBBER ATHLETIC FLOORING
MANUF:	REGUPOL AMERICA	
COLLECTION:	REGUPOL AKTIV	
STYLE:	INTENSE SERIES	
COLOR:	#05102 THUNDER GRAY	
SIZE/INSTALLATION:	5/32" ROLL	

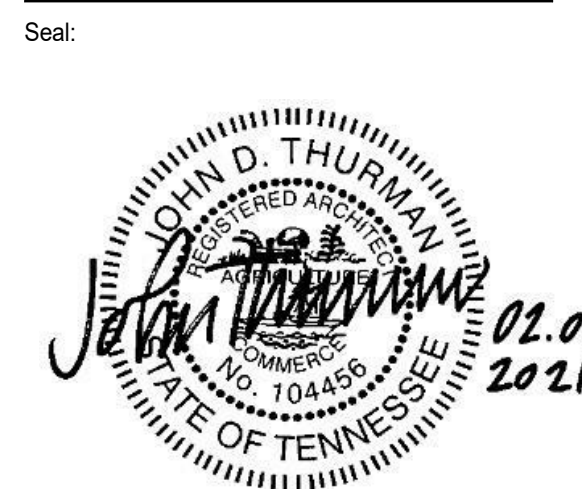
WALL FINISHES	PRODUCT	CERAMIC WALL TILE
CWT-1	PRODUCT:	HIGH STYLE
MANUF:	SKETCHES / POLISHED	
STYLE/FINISH:	VERT BRIGHT WHITE	
COLOR:	VERT BRIGHT WHITE	
SIZE / FORMAT:	4X16	
GROUT:	GT-9	
CWT-2	PRODUCT:	CERAMIC WALL TILE
MANUF:	ANATOLIA TILE + STONE	
STYLE/FINISH:	SOHO	
COLOR:	#50-606 WHITE GLOSSY	
SIZE / FORMAT:	4 X 16	
GROUT:	GT-9	
CWT-3	PRODUCT:	CERAMIC WALL TILE
MANUF:	ANATOLIA TILE + STONE	
STYLE / FINISH:	SOHO	
COLOR:	#50-606 WHITE GLOSSY	
SIZE / FORMAT:	4 X 16	
GROUT:	GT-9	
CWT-4	PRODUCT:	CERAMIC WALL TILE
MANUF:	ANATOLIA TILE + STONE	
STYLE/FINISH:	SOHO	
COLOR:	#50-606 WHITE GLOSSY	
SIZE / FORMAT:	4 X 16	
GROUT:	GT-7	
CWT-5	PRODUCT:	CERAMIC WALL TILE
MANUF:	ANATOLIA TILE + STONE	
STYLE / FINISH:	SOHO	
COLOR:	#50-605 BLACK GLOSSY	
SIZE / FORMAT:	4 X 16	
GROUT:	GT-3	
CWT-6	PRODUCT:	CERAMIC WALL TILE
MANUF:	ARCHITECTURAL CERAMICS	
STYLE / FINISH:	FENCE	
COLOR:	DECCO	
SIZE / FORMAT:	8 X 8	
GROUT:	GT-1	
CWT-7	PRODUCT:	CERAMIC WALL TILE
MANUF:	GARDEN STATE TILE	
STYLE / FINISH:	CHROMA	
COLOR:	#R02K PERLA	
SIZE / FORMAT:	3 X 12	
GROUT:	GT-4	
CWT-8	PRODUCT:	CERAMIC WALL TILE
MANUF:	GARDEN STATE TILE	
STYLE / FINISH:	VILLA PASTELLO	
COLOR:	BLACK MATE	
SIZE / FORMAT:	3 X 12	
GROUT:	GT-3	
PT-1	PRODUCT:	PAINT
MANUF:	BENJAMIN MOORE	
COLOR / FINISH:	#2118-10 SPACE BLACK / EGGSHELL	
PT-2	PRODUCT:	PAINT
MANUF:	BENJAMIN MOORE	
COLOR / FINISH:	#869 OXFORD WHITE / EGGSHELL	
PT-3	PRODUCT:	PAINT
MANUF:	BENJAMIN MOORE	
COLOR / FINISH:	#1598 SILVER LAKE / EGGSHELL	
PT-4	PRODUCT:	PAINT
MANUF:	BENJAMIN MOORE	
COLOR / FINISH:	#1600 TIMBER WOLF / EGGSHELL	
PT-5	PRODUCT:	PAINT
MANUF:	SHERWIN WILLIAMS	
COLOR / FINISH:	#0666 DYNAMIC BLUE / EGGSHELL	
PT-6	PRODUCT:	PAINT
MANUF:	SHERWIN WILLIAMS	
COLOR/ FINISH:	#0695 HYPER BLUE / EGGSHELL	
PT-7	PRODUCT:	PAINT
MANUF:	SHERWIN WILLIAMS	
COLOR/ FINISH:	#9178 IN THE NAVY / EGGSHELL	
PT-8	PRODUCT:	PAINT
MANUF:	BENJAMIN MOORE	
COLOR/ FINISH:	#2025-30 NEW LIME / EGGSHELL	
PT-9	PRODUCT:	PAINT
MANUF:	BENJAMIN MOORE	
COLOR / FINISH:	#1600 GUMMETAL / EGGSHELL	
PT-10	PRODUCT:	PAINT
MANUF:	BENJAMIN MOORE	
COLOR / FINISH:	#2128-10 BLACK BEAUTY / GLOSS	
PT-11	PRODUCT:	PAINT
MANUF:	NOT USED	
COLOR / FINISH:	NOT USED	
PT-12	PRODUCT:	PAINT
MANUF:	NOT USED	
COLOR / FINISH:	NOT USED	
PT-13	PRODUCT:	PAINT
MANUF:	NOT USED	
COLOR:	PT-1	
PT-14	PRODUCT:	PAINT
MANUF:	SHERWIN WILLIAMS	
COLOR / FINISH:	#0684 CHERRY TOMATO / EGGSHELL	
PT-15	PRODUCT:	PAINT
MANUF:	SHERWIN WILLIAMS	
COLOR / FINISH:	#0022 YELLOW BIRD / EGGSHELL	
PT-16	PRODUCT:	PAINT
MANUF:	BENJAMIN MOORE	
COLOR / FINISH:	#2118-10 SPACE BLACK / GLOSS	
PT-17	PRODUCT:	PAINT
MANUF:	BENJAMIN MOORE	
COLOR / FINISH:	#869 OXFORD WHITE / GLOSS	
PT-18	PRODUCT:	PAINT
MANUF:	BENJAMIN MOORE	
COLOR / FINISH:	#2025-30 NEW LIME / SEMI-GLOSS	
PT-19	PRODUCT:	PAINT
MANUF:	BENJAMIN MOORE	
COLOR / FINISH:	#0022 YELLOW BIRD / SEMI-GLOSS	
PT-20	PRODUCT:	PAINT
MANUF:	SHERWIN WILLIAMS	
COLOR / FINISH:	#0666 DYNAMIC BLUE / SEMI-GLOSS	
PT-21	PRODUCT:	PAINT
MANUF:	BENJAMIN MOORE	
COLOR / FINISH:	#2025-30 NEW LIME / SEMI-GLOSS	
PT-22	PRODUCT:	PAINT
MANUF:	BENJAMIN MOORE	
COLOR / FINISH:	#869 OXFORD WHITE / SEMI-GLOSS	
PT-23	PRODUCT:	PAINT
MANUF:	SHERWIN WILLIAMS	
COLOR / FINISH:	#0907 FORSYTHIA / EGGSHELL	
PT-24	PRODUCT:	PAINT
MANUF:	NOT USED	
PT-25	PRODUCT:	PAINT
MANUF:	SHERWIN WILLIAMS	
COLOR / FINISH:	#0665 HYPER BLUE / SEMI-GLOSS	
PT-26	PRODUCT:	PAINT
MANUF:	BENJAMIN MOORE	
COLOR / FINISH:	#2118-10 SPACE BLACK / SEMI-GLOSS	
PT-27	PRODUCT:	PAINT
MANUF:	SHERWIN WILLIAMS	
COLOR / FINISH:	#0684 CHERRY TOMATO / SEMI-GLOSS	
WC-1	PRODUCT:	WALL COVERING
MANUF:	KOROSEAL	
COLOR / FINISH:	DIGITAL LAB CUSTOM WALLCOVERING	
WC-2	PRODUCT:	WALL COVERING
MANUF:	ARBOR WOOD WALLCOVERINGS	
COLOR / FINISH:	#A44811 MAPLE, WHITE FC	

MILLWORK FINISHES	PRODUCT	PARTITION FABRIC
PF-1	PRODUCT:	HIFCOT
MANUF:	REVELATIONS	
COLLECTION:	#4810 DELIGHT STEEL	
PL-1	PRODUCT:	PLASTIC LAMINATE
MANUF:	WILSONART BASICS	
STYLE/FINISH:	FINE VELVET TEXTURE FINISH	
COLOR:	#7593-36 MISSION MAPLE	
PL-2	PRODUCT:	PLASTIC LAMINATE
MANUF:	ARBORITE	
STYLE/FINISH:	P415 CA	
COLOR:	CHAMBERLYN NCR	
PL-3	PRODUCT:	PLASTIC LAMINATE
MANUF:	ARBORITE	
STYLE/FINISH:	5500 CC	
COLOR:	ELEGANT WHITE	
PL-4	PRODUCT:	PLASTIC LAMINATE
MANUF:	ARBORITE	
STYLE / FINISH:	S488	
COLOR:	FIRE RED	
PL-5	PRODUCT:	PLASTIC LAMINATE
MANUF:	ARBORITE	
STYLE / FINISH:	S480	
COLOR:	DAFFODIL	
PL-6	PRODUCT:	PLASTIC LAMINATE
MANUF:	ARBORITE	
STYLE / FINISH:	S403 CA	
COLOR:	BLACK	
PL-7	PRODUCT:	PLASTIC LAMINATE
MANUF:	WILSONART CHEMURF	
STYLE / FINISH:	FINE VELVET TEXTURE FINISH	
COLOR:	#7593-36 MISSION MAPLE	
PL-8	PRODUCT:	PLASTIC LAMINATE
MANUF:	WILSONART SPECIALTY LAMINATE	
STYLE / FINISH:	SOLID COLOR MATTE	
COLOR:	D354-60 DESIGNER WHITE	
SS-1	PRODUCT:	SOLID SURFACE
MANUF:	CORIAN	
COLOR:	MODERN WHITE	
SIZE:	3CM THICKNESS	
SS-2	PRODUCT:	SOLID SURFACE
MANUF:	ELEMENT 41	
COLOR:	LIGHT SUNLIGHT	
SIZE:	1CM THICKNESS	
SS-3	PRODUCT:	SOLID SURFACE
MANUF:	PORCELANOSA, KRION	
SIZE:	1/2" THICKNESS	
SS-4	PRODUCT:	SOLID SURFACE
MANUF:	WILSONART	
SIZE:	1/2" THICKNESS	
SS-5	PRODUCT:	SOLID SURFACE
MANUF:	PORCELANOSA, KRION	
SIZE:	1CM THICKNESS	
SS-6	PRODUCT:	SOLID SURFACE
MANUF:	DURASEN	
SIZE:	1/2" THICKNESS	
SS-7	PRODUCT:	SOLID SURFACE
MANUF:	DURASEN	
SIZE:	1/2" THICKNESS	
SS-8	PRODUCT:	SOLID SURFACE
MANUF:	DURASEN	
SIZE:	1/2" THICKNESS	
SS-9	PRODUCT:	SOLID SURFACE
MANUF:	NOT USED	
SS-10	PRODUCT:	SOLID SURFACE
MANUF:	DURASEN	
SIZE:	1/2" THICKNESS	
SS-11	PRODUCT:	SHAINES STEEL CORNER
MANUF:	4" SATIN FINISH	
QUARTZ	PRODUCT:	QUARTZ
MANUF:	WILSONART	
COLOR:	#C303R RIO UPANG	
WD-1	PRODUCT:	WOOD
MANUF:	ARMSTRONG	
COLLECTION:	NATURAL VARIATIONS / MAPLE	
BASE FINISHES	PRODUCT:	WOOD BASE
WB-1	PRODUCT:	WOOD BASE
STYLE/FINISH:	REVEAL	
COLOR:	PT-2	
SIZE:	6"	
WB-2	PRODUCT:	WOOD BASE
STYLE/FINISH:	REVEAL	
COLOR:	PT-1	
SIZE:	6"	
WB-3	PRODUCT:	SHOE MOLDING
STYLE/FINISH:		
RB-1	PRODUCT:	RUBBER BASE
MANUF:	JOHNSONITE	
STYLE/FINISH:	4" STANDARD COVE BASE	



Project Information:
19018

COK SAFETY BUILDING
900 East Oak Hill Ave, Knoxville, TN



Consultant:
Architects Design Group

#	ISSUE	DATE
4	ADD #04.1	03/03/21

Issue Date: FEBRUARY 1, 2021
PIC: DAVID COLLINS
PM: JOHN THURMAN
PA: LAUREN BUSH /
Drawn By: Author
Checked By: B. PIERCY

Drawing Info:

A902

WP - 2ND LEVEL FINISH PLAN

FINISH PLAN GENERAL NOTES

- TYPICAL WALL FINISH TO BE PT-1, UNO
- TYPICAL WALL BASE TO BE WD-1, UNO
- NEW WALL BASE SHALL BE INSTALLED ON ALL NEW AND EXISTING WALLS, ALONG BOTTOM OF EXPOSED FRONTS, BACKS, SIDES, AND ENDS OF ALL FIXED CABINETS, U.N.O. ON THE INTERIOR ELEVATIONS.
- ALL NEW GYP. BD. PARTITIONS/OFFSETS TO BE PAINTED EGGSHELL FOR VERTICAL, FLAT FOR HORIZONTAL SURFACES, U.N.O.
- DOOR FRAMES OCCURRING IN ACCENT WALLS TO BE THE SAME COLOR AS THE WALL ON WHICH IT OCCURS, SEMI-GLOSS FINISH.
- FURNISH AND INSTALL TRANSITIONS WHERE FLOORING MATERIALS CHANGE, U.N.O. FINISH ON BOTH SIDES OF TRANSITION TO BE A MAX. HEIGHT DIFFERENCE OF 1/4", U.N.O. REFER TO A830-1 SERIES FOR TRANSITION DETAILS.
- ALL FLOOR FINISH TRANSITION SHALL OCCUR AT CENTERLINE OF DOOR WHEN DOOR IS IN CLOSED POSITION, U.N.O.
- WALL TILE THAT TURNS OR ENDS ON AN OUTSIDE CORNER SHOULD BE FINISHED WITH A METAL TRANSITION AT THE VERTICAL EDGE, U.N.O. REFER TO SPECIFICATIONS TYPE AND FINISH.
- RESILIENT WALL BASE AT ALL CARPETED AREAS SHALL BE STRAIGHT BASE, UNO.
- PROVIDE CONTROL JOINTS AS REQ.D BY FLOORING MANUFACTURER'S PRODUCT RECOMMENDATIONS.
- EXTEND ALL SPECIFIED FLOORING UNDER MILLWORK & EQUIPMENT IN THAT AREA, U.N.O.
- PROVIDE COAT HOOKS IN ALL RESTROOM STALLS AND ON OFFICE SIDE DOOR LEAFS, U.N.O.
- ALL RUBBER BASE SHALL BE SEALED TIGHT TO FINISHED FLOOR MATERIAL.
- WHERE WALL CERAMIC TILE MEETS FLOOR, PROVIDE A WATER RESILIENT SILICONE CAULKING AT JOINT.
- SEE ELEVATIONS FOR ADDITIONAL FINISH INFORMATION.
- PAINT REVEALS AND FILER PANELS TO MATCH ADJACENT FINISHES, UNO.
- GROUT JOINTS SHALL BE 1/8" MAXIMUM IN WIDTH, U.N.O. IN SPECIFICATIONS.
- WOOD GRAIN LAMINATES SHALL BE INSTALLED WITH GRAIN RUNNING IN THE VERTICAL DIRECTION, U.N.O.
- WINDOW SHADES SHALL BE INSTALLED AT ALL EXTERIOR WINDOWS U.N.O.
- ALL EXPOSED INTERIOR BRICK TO BE PAINTED PT-7.
- ALL OUTSIDE EDGES OF WALLS TO RECEIVE 1" VINYL CORNER GUARD.

FINISH PLAN LEGEND

ROOM FINISH TAG	REFERENCE A-600's FOR DETAILS	
PWC	WALL FINISH	* DENOTES MULTIPLE FINISHES. REFER TO REFLECTED CEILING PLANS, FLOOR PATTERN PLANS AND/OR ELEVATIONS FOR INFO.
SB	BASE FINISH	
RT	FLOOR FINISH	
XXX	FINISH TAG	
PT 1	ACCENT WALL DESIGNATION	
XXX - XXX	FLOOR TRANSITION DESIGNATION	
CPT	FLOOR TRANSITION DESIGNATION	
VCT	FLOOR TRANSITION DESIGNATION	
←	MATERIAL DIRECTION	
—	CONTROL JOINT	
□	OUT OF SCOPE	

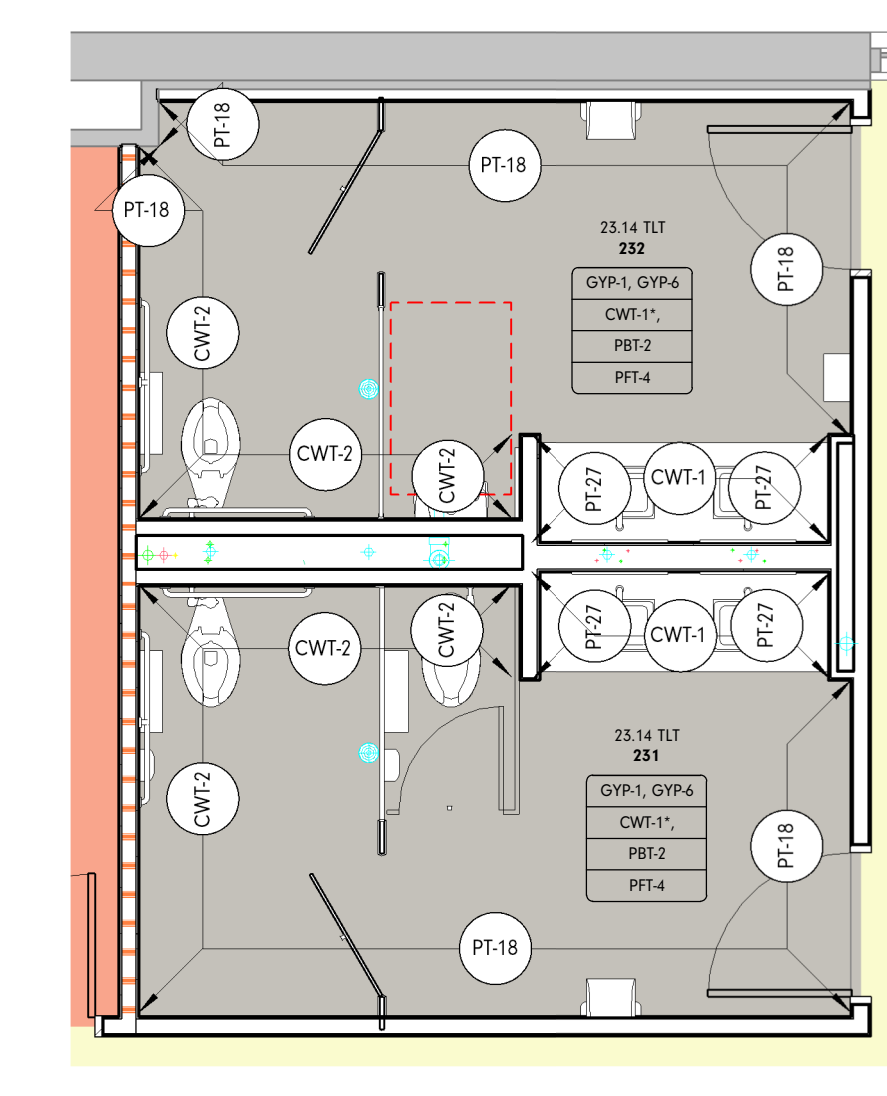
FLOOR FINISH LEGEND

- CPT-1
- CPT-4
- CPT-4, LVT-3
- CPT-6
- ETR
- LVT-1
- LVT-4
- PFT-2, PFT-3
- PFT-4
- SC

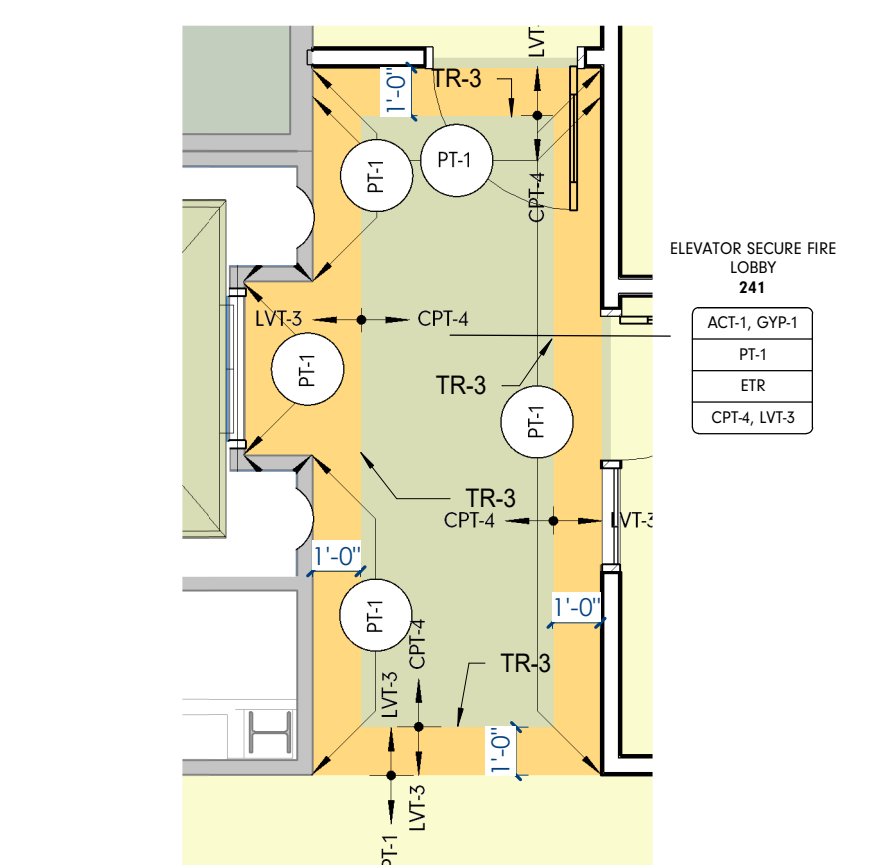
KEY PLAN



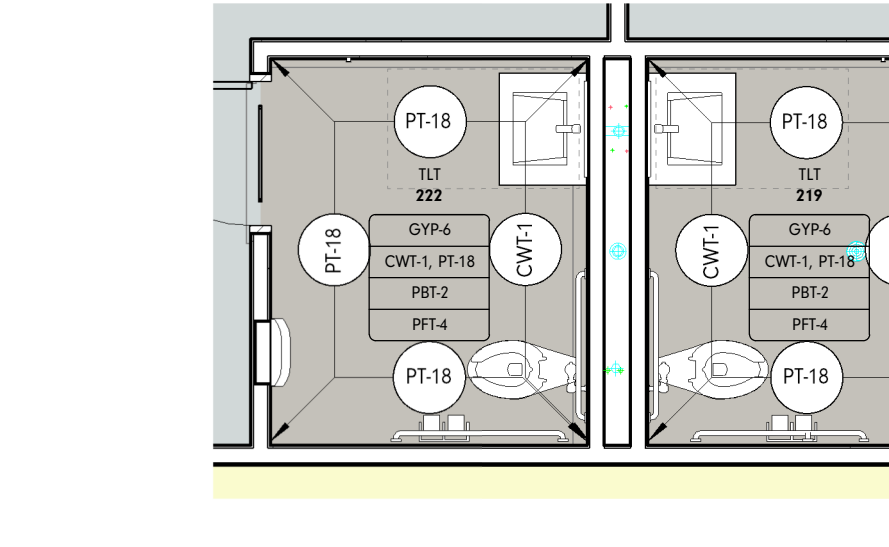
1 WOMENS PAVILION SECOND LEVEL FINISH PLAN
1/8" = 1'-0"



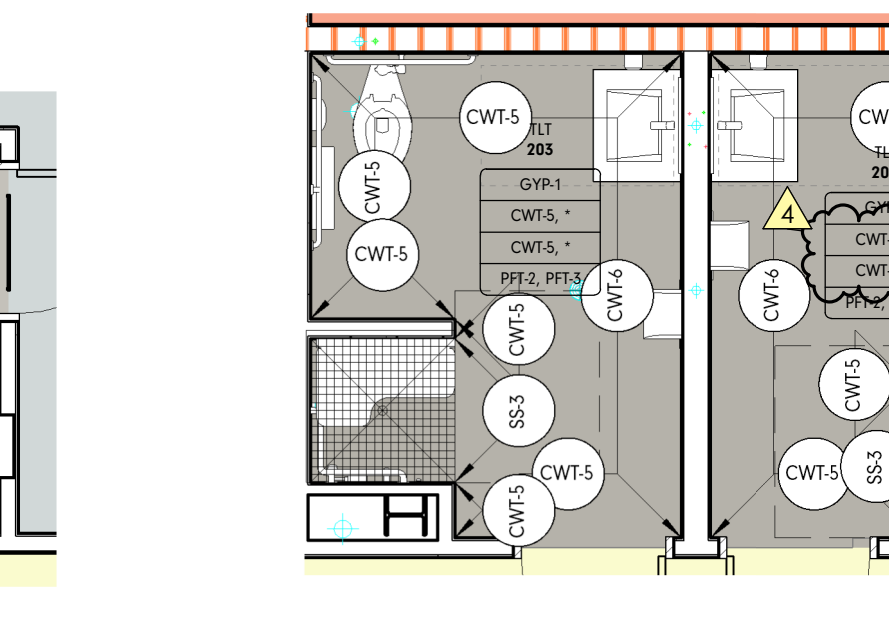
2 23.14 TLT ENLARGED FINISH PLAN
1/4" = 1'-0"



3 ELEVATOR SECURE FIRE LOBBY 315B ENLARGED FINISH PLAN
1/4" = 1'-0"



4 TLT 219 / 222 ENLARGED FINISH PLAN
1/4" = 1'-0"



5 TLT 202 / 203 ENLARGED FINISH PLAN
1/4" = 1'-0"



Project Information:

19018

COK PUBLIC SAFETY COMPLEX

900 East Oak Hill Ave, Knoxville, TN

Scale:



Consultant:
Architects Design Group

#	ISSUE	DATE
4	ADD #04.1	03/03/21

Issue Date:	FEBRUARY 01, 2021
PKC:	DAVID COLLINS
PM:	JOHN THURMAN
PA:	LAUREN BUSH /
Drawn By:	TOIPS
Checked By:	BP

Drawing Info:

A910

CA - LL3 FINISH PLANS

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FINISH PLAN GENERAL NOTES

1. TYPICAL WALL FINISH TO BE PT-2, UNO
 2. TYPICAL WALL BASE TO BE RB-1, UNO
 3. NEW WALL BASE SHALL BE INSTALLED ON ALL NEW AND EXISTING WALLS, ALONG BOTTOM OF EXPOSED FRONTS, BACKS, SIDES, AND ENDS OF ALL FIXED CABINETS, U.N.O. ON THE INTERIOR ELEVATIONS.
 4. ALL NEW GYP. BD. PARTITIONS/SOFFITS TO BE PAINTED EGGSHELL FOR VERTICAL, FLAT FOR HORIZONTAL SURFACES, U.N.O.
 5. DOOR FRAMES OCCURRING IN ACCENT WALLS TO BE THE SAME COLOR AS THE WALL ON WHICH IT OCCURS, SEMI-GLOSS FINISH.
 6. FURNISH AND INSTALL TRANSITIONS WHERE FLOORING MATERIALS CHANGE, U.N.O. FINISH ON BOTH SIDES OF TRANSITION TO BE A MAX. HEIGHT DIFFERENCE OF 1/4", U.N.O. REFER TO A830.1 SERIES FOR TRANSITION DETAILS.
 7. ALL FLOOR FINISH TRANSITION SHALL OCCUR AT CENTERLINE OF DOOR WHEN DOOR IS IN CLOSED POSITION, U.N.O.
 8. WALL TILE THAT TURNS OR ENDS ON AN OUTSIDE CORNER SHOULD BE FINISHED WITH A METAL TRANSITION AT THE VERTICAL EDGE, U.N.O. REFER TO SPECIFICATIONS TYPE AND FINISH.
 9. RESILIENT WALL BASE AT ALL CARPETED AREAS SHALL BE STRAIGHT BASE, UNO.
 10. PROVIDE CONTROL JOINTS AS REQ'D BY FLOORING MANUFACTURER'S PRODUCT RECOMMENDATIONS.
 11. EXTEND ALL SPECIFIED FLOORING UNDER MILLWORK & EQUIPMENT IN THAT AREA, U.N.O.
 12. PROVIDE COAT HOOKS IN ALL RESTROOM STALLS AND ON OFFICE SIDE DOOR LEAFS, U.N.O.
 13. ALL RUBBER BASE SHALL BE SEALED TIGHT TO FINISHED FLOOR MATERIAL.
 14. WHERE WALL CERAMIC TILE MEETS FLOOR, PROVIDE A WATER RESILIENT SILICONE CAULKING AT JOINT.
 15. SEE ELEVATIONS FOR ADDITIONAL FINISH INFORMATION.
 16. PAINT REVEALS AND FILER PANELS TO MATCH ADJACENT FINISHES, UNO.
 17. GROUT JOINTS SHALL BE 1/8" MAXIMUM IN WIDTH, U.N.O. IN SPECIFICATIONS.
 18. WOOD GRAM LAMINATES SHALL BE INSTALLED WITH GRAIN RUNNING IN THE VERTICAL DIRECTION, U.N.O.
 19. WINDOW SHADES SHALL BE INSTALLED AT ALL EXTERIOR WINDOWS U.N.O.
 20. ALL EXPOSED INTERIOR BRICK TO BE PAINTED PT-7.
 21. ALL OUTSIDE EDGES OF WALLS TO RECEIVE CG-1 (2" VINYL CORNER GUARD) U.N.O.
 22. COAT HOOK TO BE PROVIDED AT EVERY BATHROOM DOOR AND TOILET PARTITION
- * REFER TO ELEVATION FOR FINISH LOCATIONS

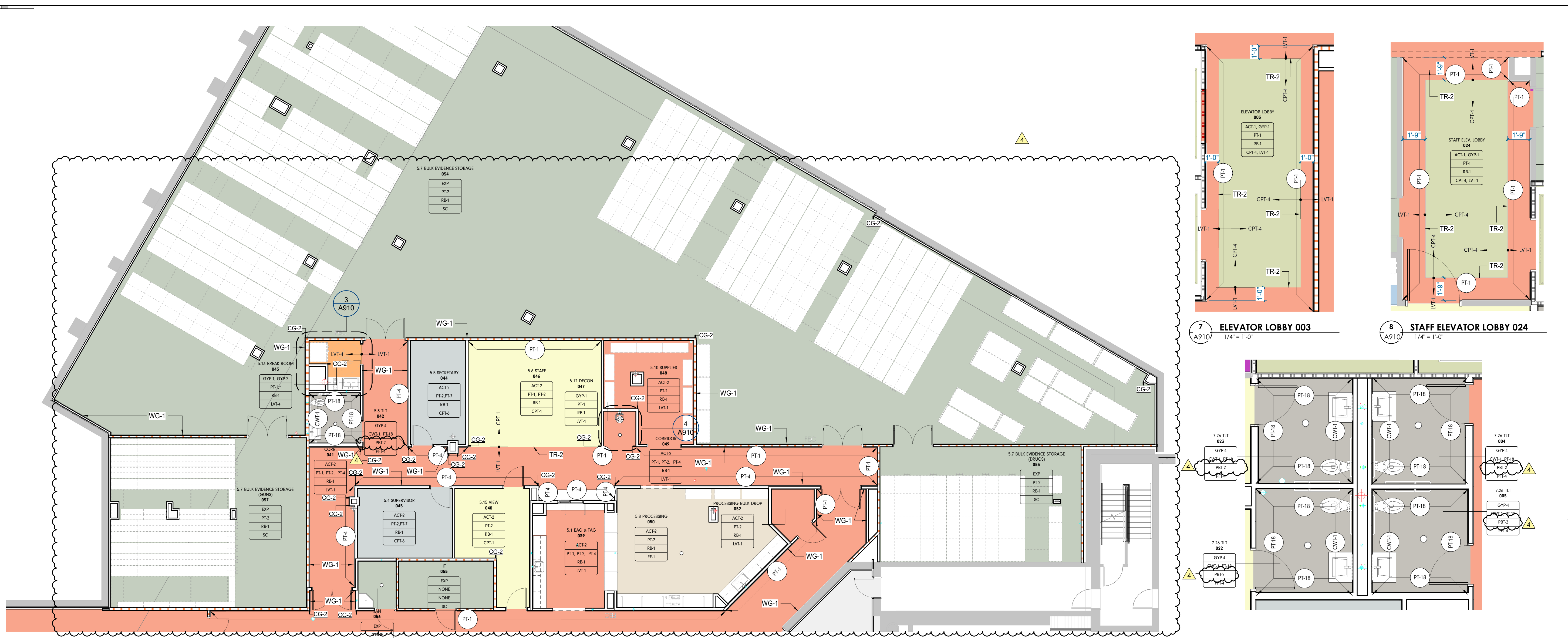
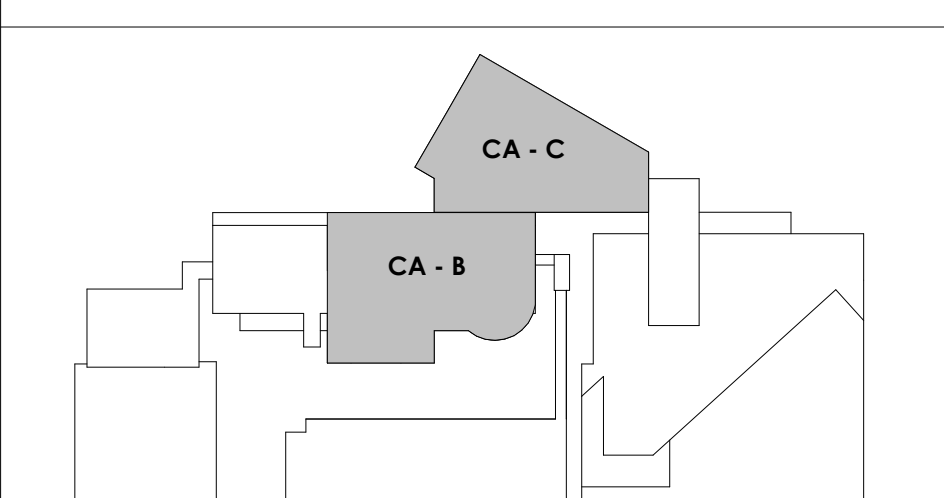
FINISH PLAN LEGEND

ROOM FINISH TAG	REFERENCE A-600's FOR DETAILS
WALL FINISH	* DENOTES MULTIPLE FINISHES, REFER TO REFLECTED CEILING PLANS, FLOOR PATTERN PLANS AND/OR ELEVATIONS FOR INFO.
FLOOR FINISH	
MILLWORK	
FINISH TAG	
ACCENT WALL DESIGNATION	
FLOOR TRANSITION DESIGNATION	
FLOOR TRANSITION DESIGNATION	
MATERIAL DIRECTION	
CONTROL JOINT	
OUT OF SCOPE	

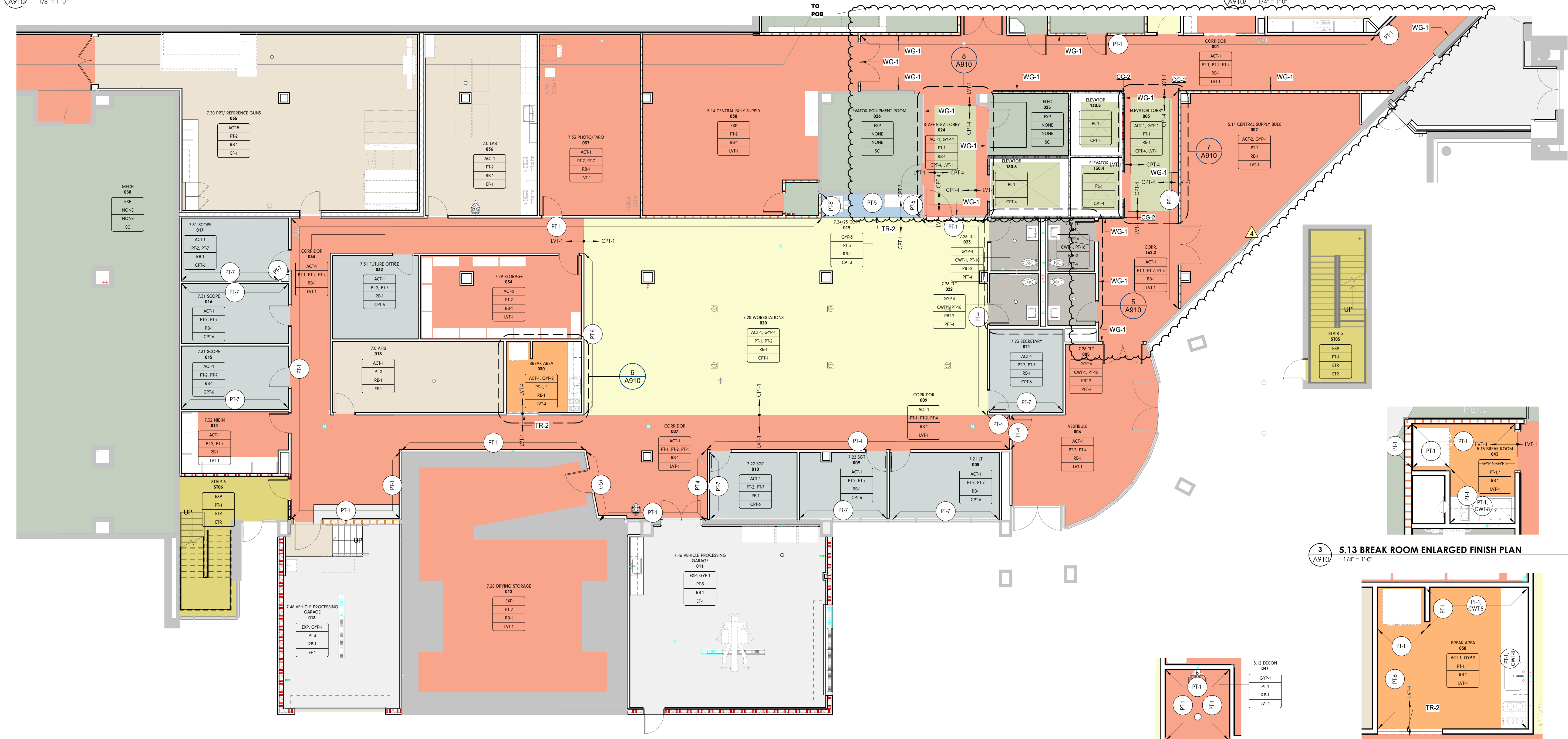
FLOOR FINISH LEGEND

CPT-1	LVT-1
CPT-3	LVT-4
CPT-4	PFT-4
CPT-4, LVT-1	SC
CPT-6	
EF-1	
ETR	

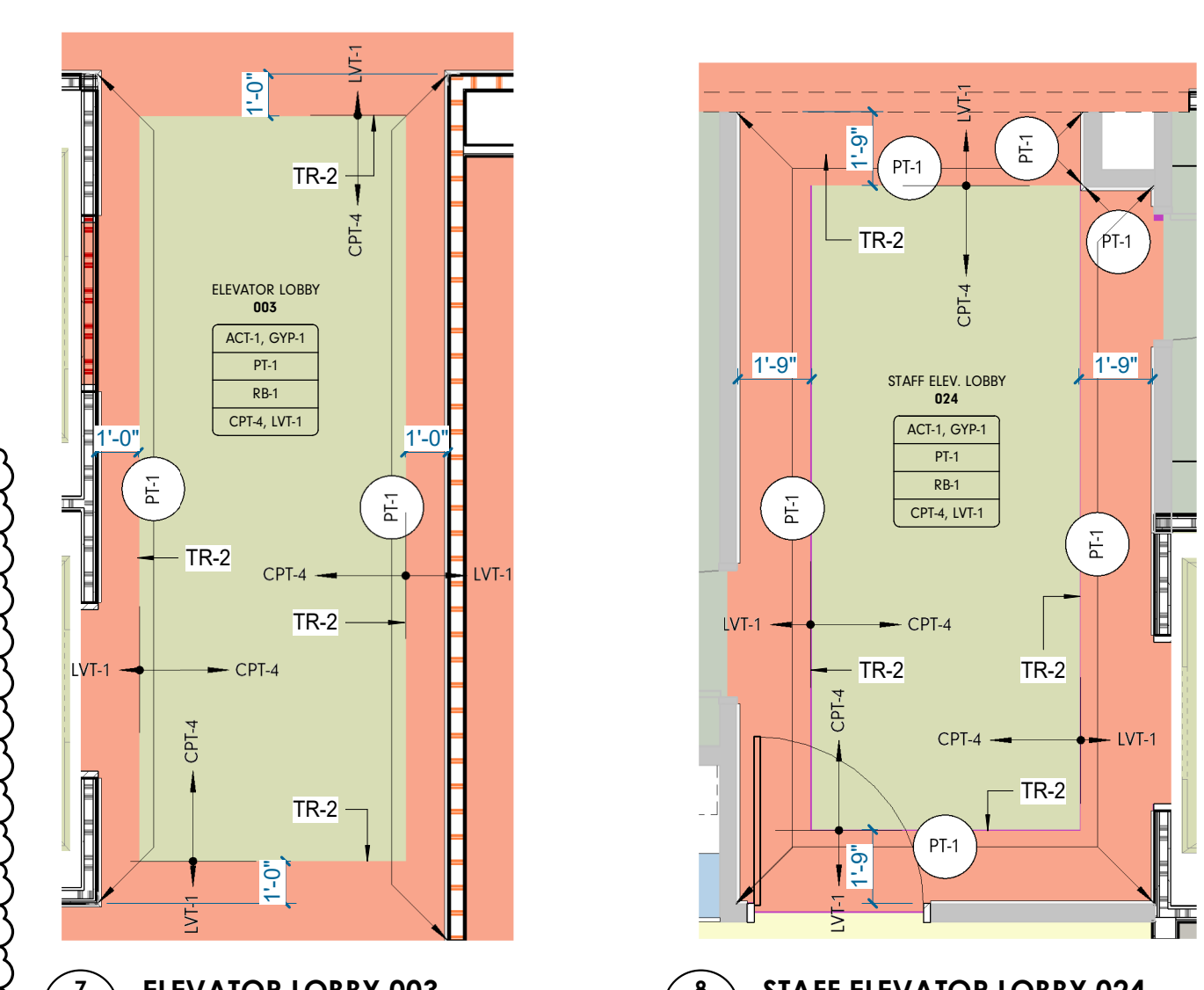
KEY PLAN



2 INT - CENTRAL ANNEX - LEVEL LL3 C FINISH PLAN
1/8" = 1'-0"

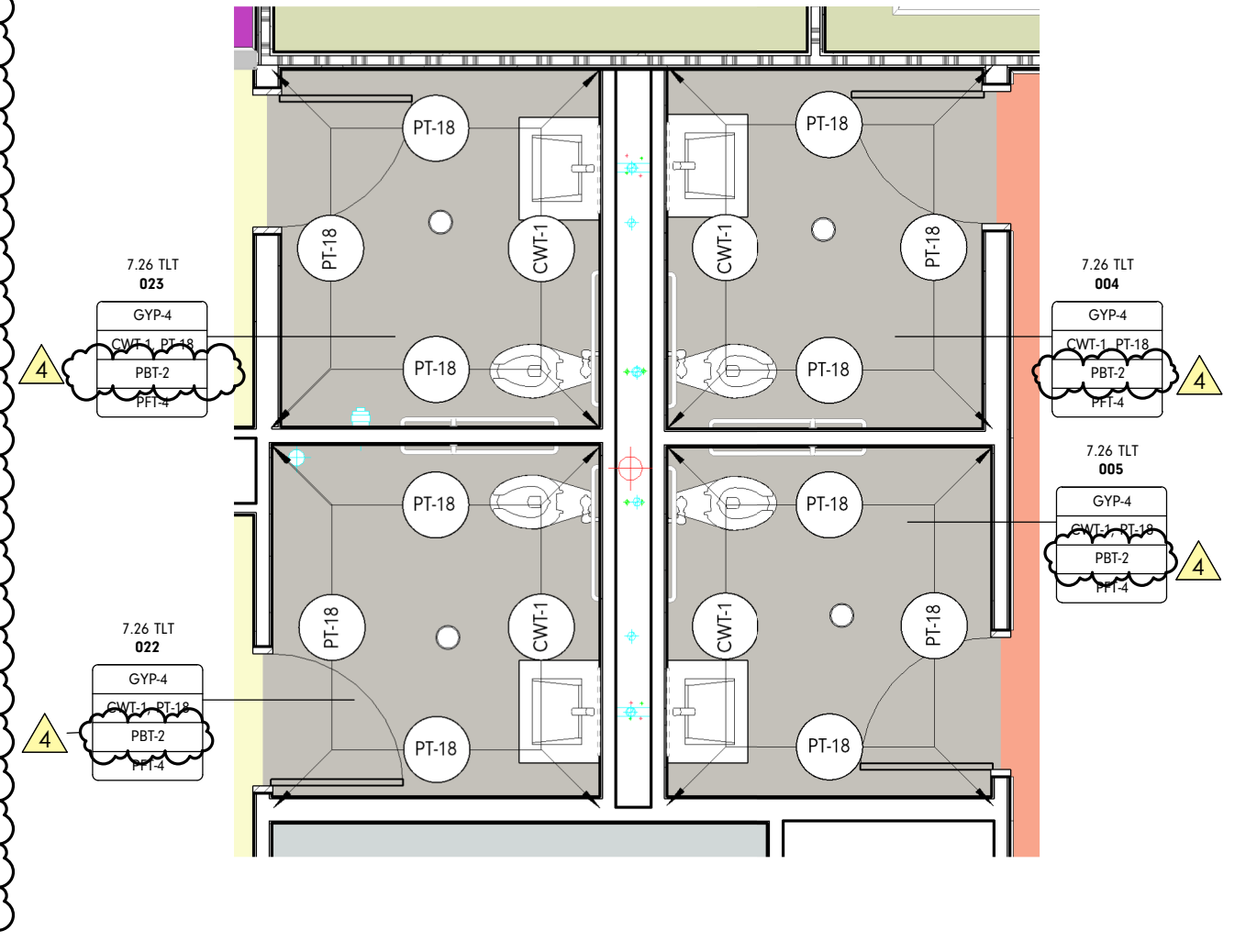


1 INT - CENTRAL ANNEX - LEVEL LL3 B FINISH PLAN
1/8" = 1'-0"

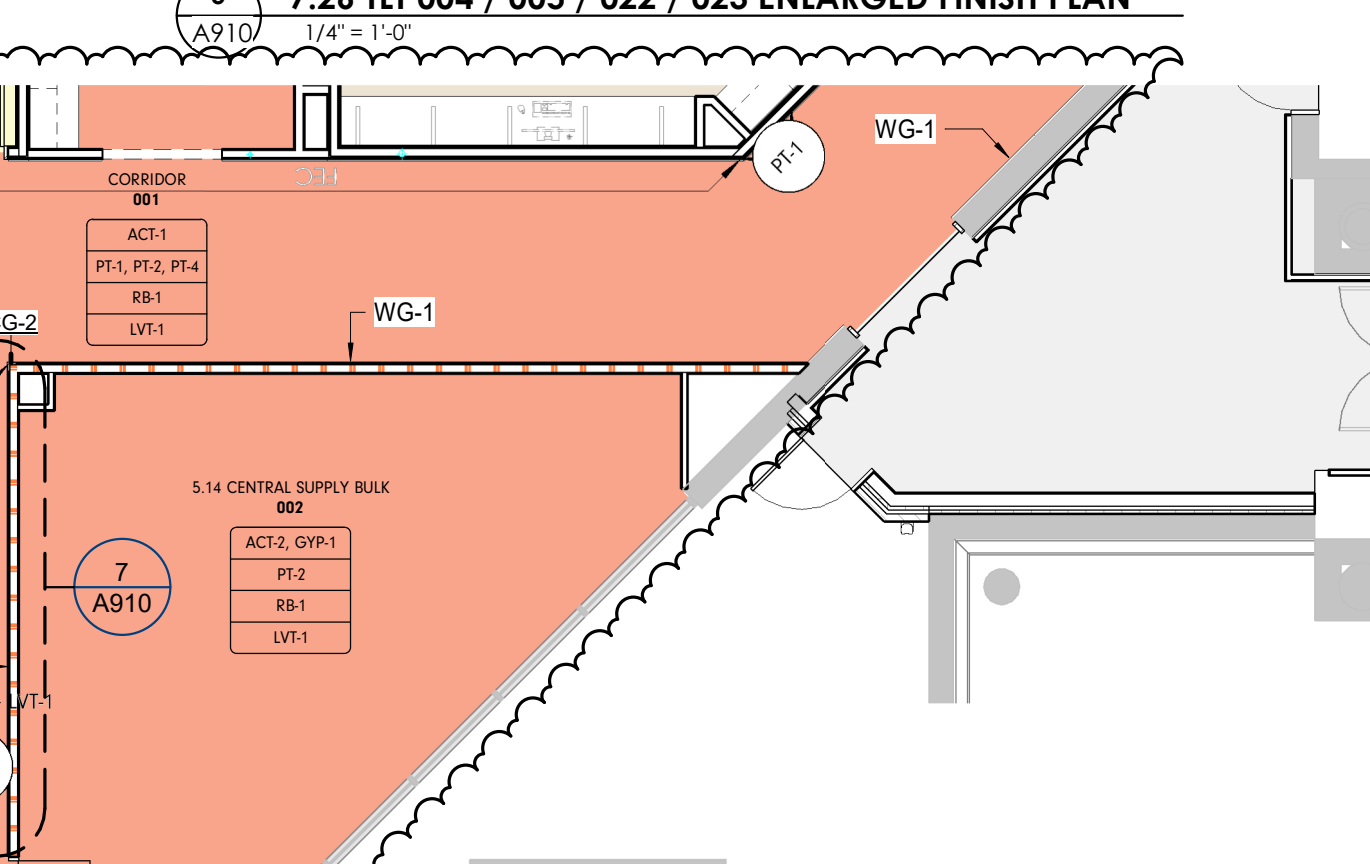


7 ELEVATOR LOBBY 003
1/4" = 1'-0"

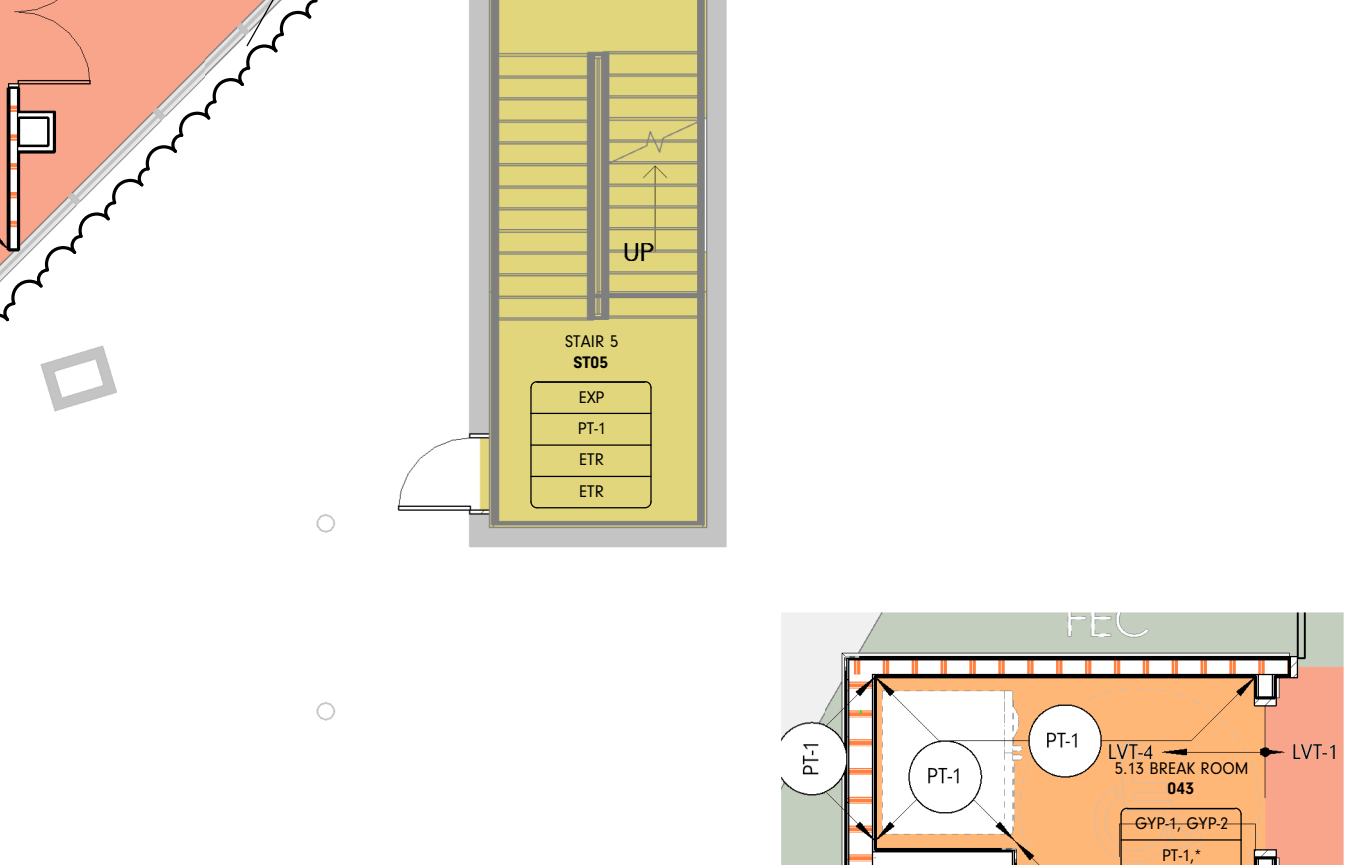
8 STAFF ELEVATOR LOBBY 024
1/4" = 1'-0"



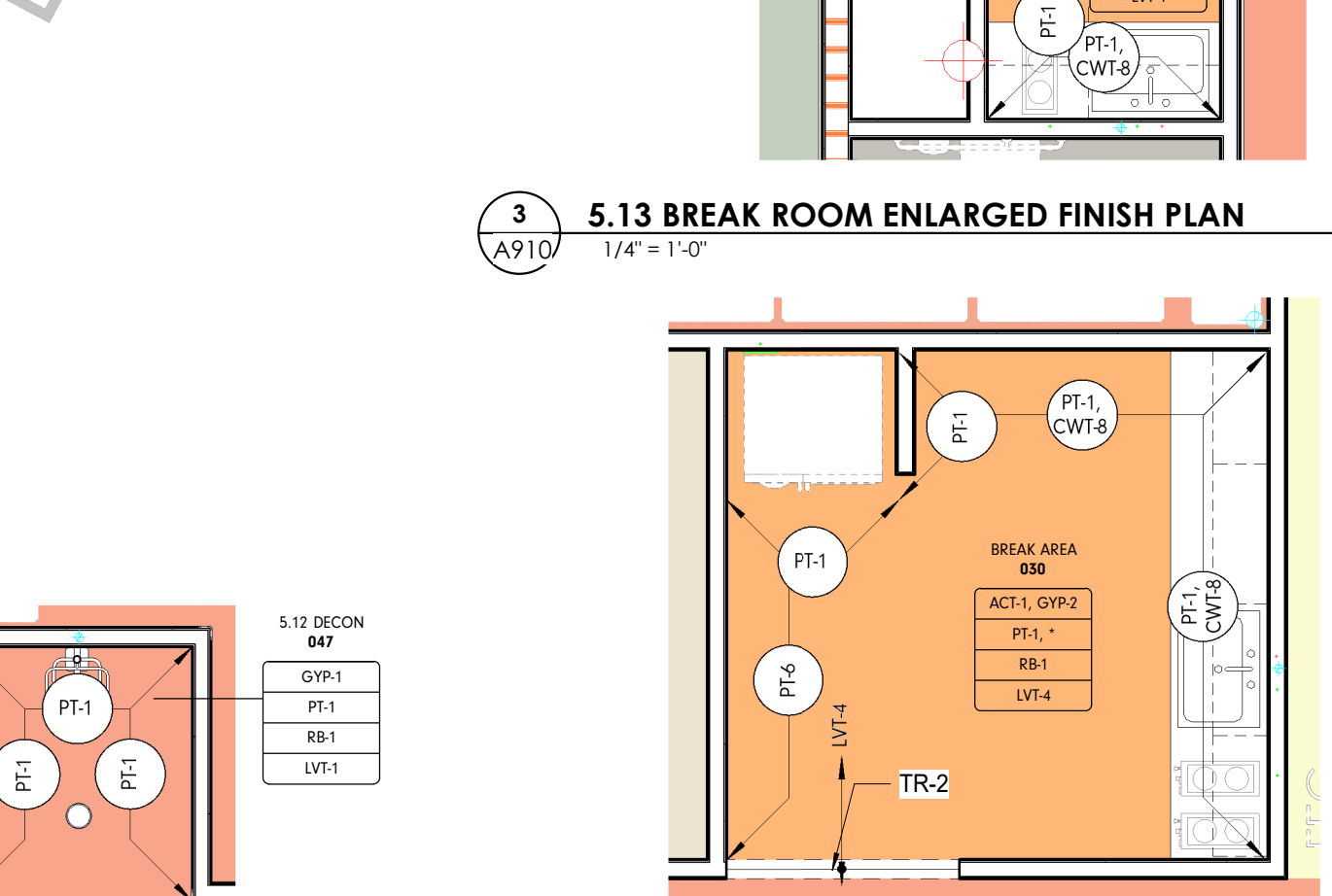
5 7.26 TLT 004 / 005 / 022 / 023 ENLARGED FINISH PLAN
1/4" = 1'-0"



3 5.13 BREAK ROOM ENLARGED FINISH PLAN
1/4" = 1'-0"



4 5.12 DECON ENLARGED FINISH PLAN
1/4" = 1'-0"



4 BREAK AREA 030 ENLARGED FINISH PLAN
1/4" = 1'-0"



Project Information:

19018

COK PUBLIC SAFETY COMPLEX

900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:
Architects Design Group

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 PM: JOHN THURMAN
 PA: LAUREN BUSH /
 Drawn By: TOIPS
 Checked By: BP

Drawing Info:

A911.1

CA - LL3 CONNECTOR AND LL2 A & B FINISH PLANS

FINISH PLAN GENERAL NOTES

- TYPICAL WALL FINISH TO BE PT-2, UNO
 - TYPICAL WALL BASE TO BE RB-1, UNO
 - NEW WALL BASE SHALL BE INSTALLED ON ALL NEW AND EXISTING WALLS, ALONG BOTTOM OF EXPOSED FRONTS, BACKS, SIDES, AND ENDS OF ALL FIXED CABINETS, U.N.O. ON THE INTERIOR ELEVATIONS
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 - EXTEND ALL SPECIFIED FLOORING UNDER MILLWORK & EQUIPMENT IN THAT AREA, U.N.O.
 - PROVIDE COAT HOOKS IN ALL RESTROOM STALLS AND ON OFFICE SIDE DOOR LEAFS, U.N.O.
 - ALL RUBBER BASE SHALL BE SEALED TIGHT TO FINISHED FLOOR MATERIAL.
 - WHERE WALL CERAMIC TILE MEETS FLOOR, PROVIDE A WATER RESILIENT SILICONE CAULKING AT JOINT.
 - SEE ELEVATIONS FOR ADDITIONAL FINISH INFORMATION.
 - PAINT REVEALS AND FILER PANELS TO MATCH ADJACENT FINISHES, UNO.
 - WOOD GRAM LAMINATES SHALL BE INSTALLED WITH GRAIN RUNNING IN THE VERTICAL DIRECTION, U.N.O.
 - WINDOW SHADES SHALL BE INSTALLED AT ALL EXTERIOR WINDOWS U.N.O.
 - ALL EXPOSED INTERIOR BRICK TO BE PAINTED PT-7.
 - ALL OUTSIDE EDGES OF WALLS TO RECEIVE CG-1 (2" VINYL CORNER GUARD) U.N.O.
 - COAT HOOK TO BE PROVIDED AT EVERY BATHROOM DOOR AND TOILET PARTITION
- * REFER TO ELEVATION FOR FINISH LOCATIONS

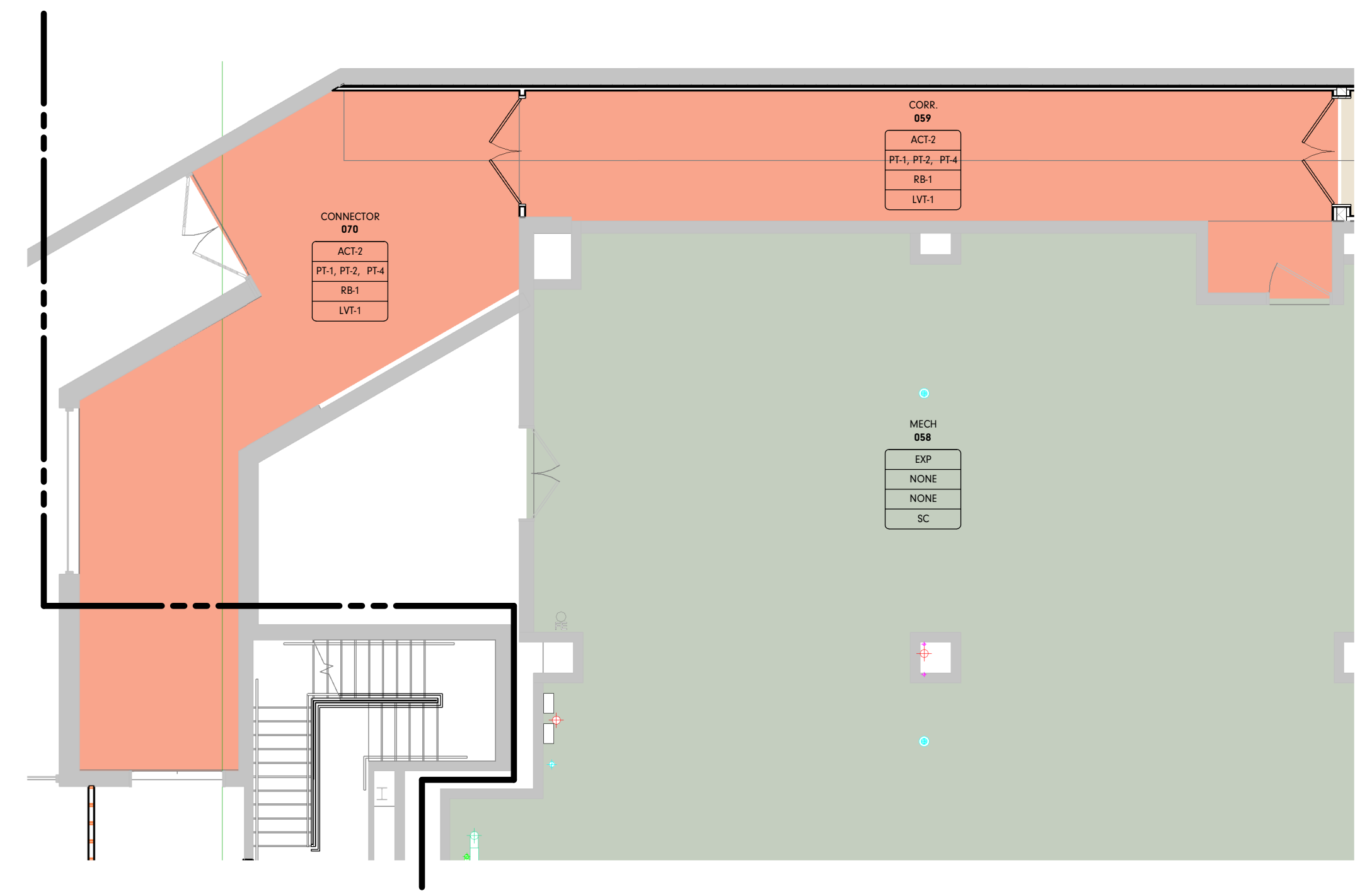
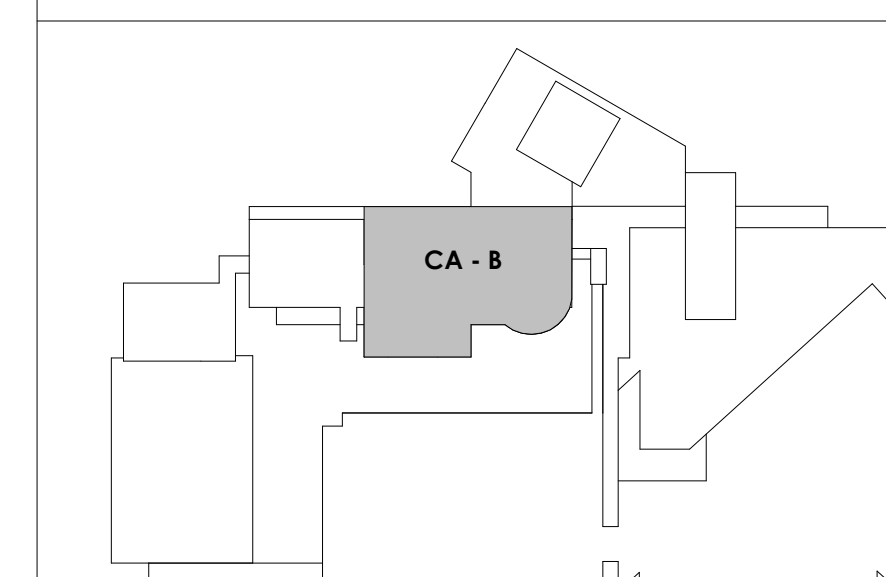
FINISH PLAN LEGEND

ROOM FINISH TAG	REFERENCE A-600'S FOR DETAILS
WALL FINISH	* DENOTES MULTIPLE FINISHES, REFER TO REFLECTED CEILING PLANS, FLOOR PATTERN PLANS AND/OR ELEVATIONS FOR INFO.
BASE FINISH	
FLOOR FINISH	
MILLWORK	
FINISH TAG	
ACCENT WALL DESIGNATION	
FLOOR TRANSITION DESIGNATION	
FLOOR TRANSITION DESIGNATION	
MATERIAL DIRECTION	
CONTROL JOINT	
OUT OF SCOPE	

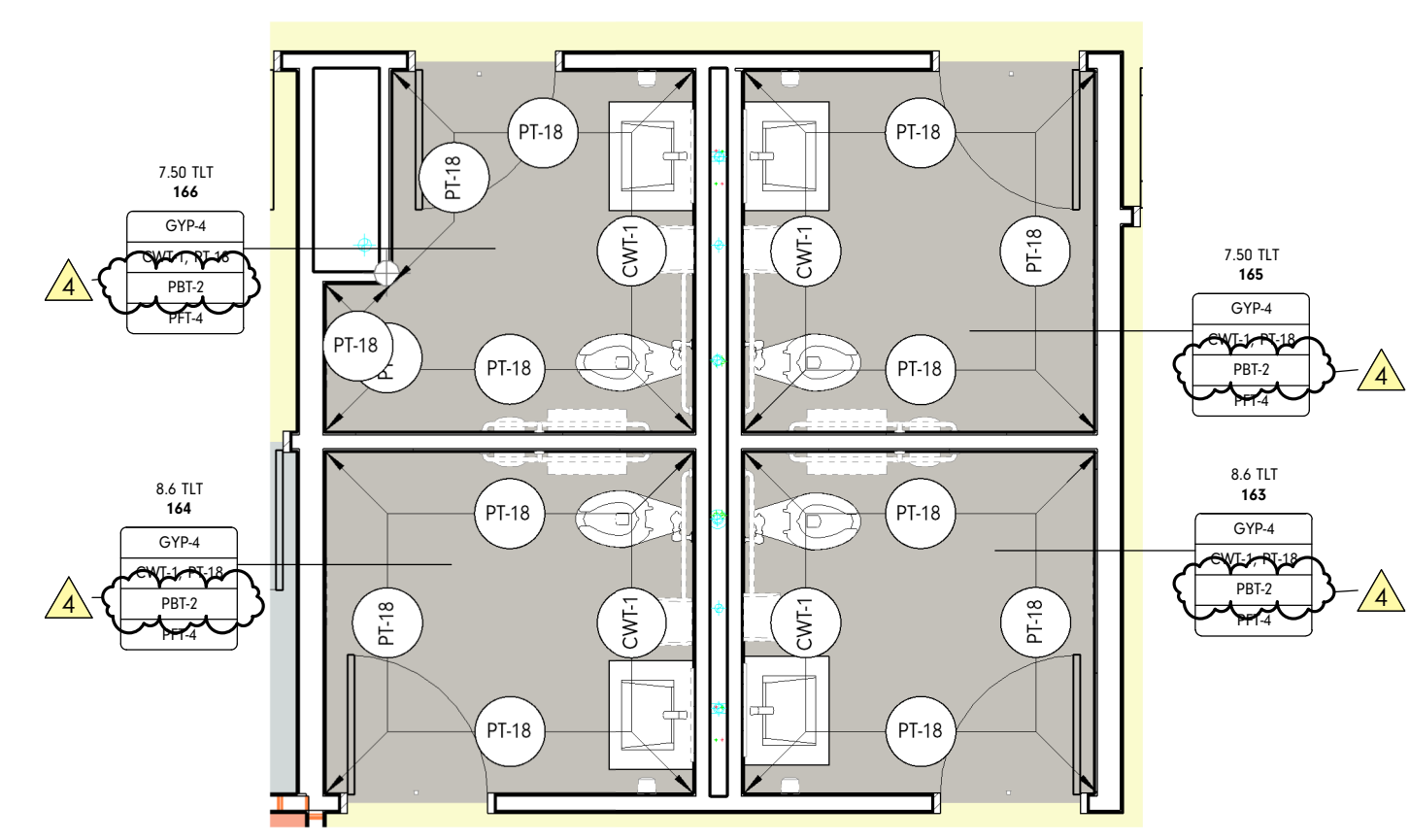
FLOOR FINISH LEGEND

CPT-1	LVT-1
CPT-3	PFF-1
CPT-4	PFF-4
CPT-4	SC
CPT-4	SC
CPT-10	
ETR	

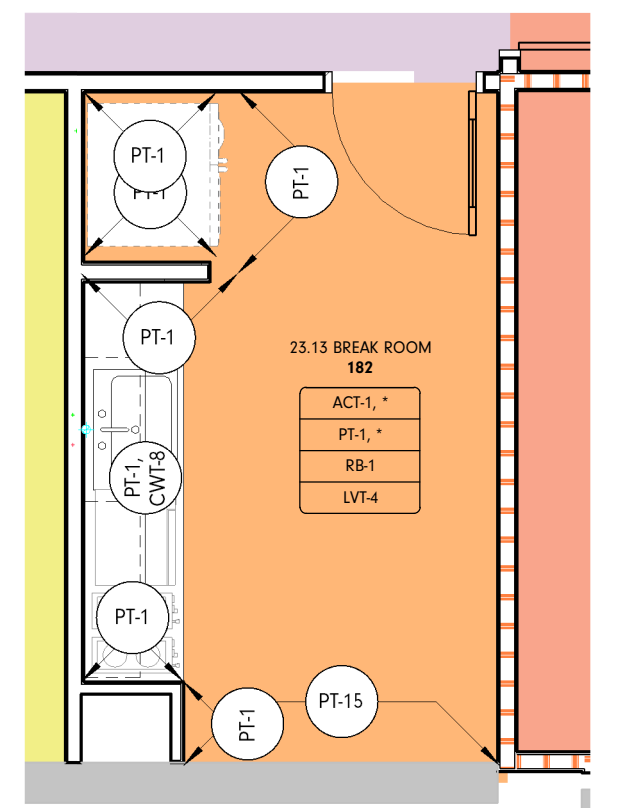
KEY PLAN



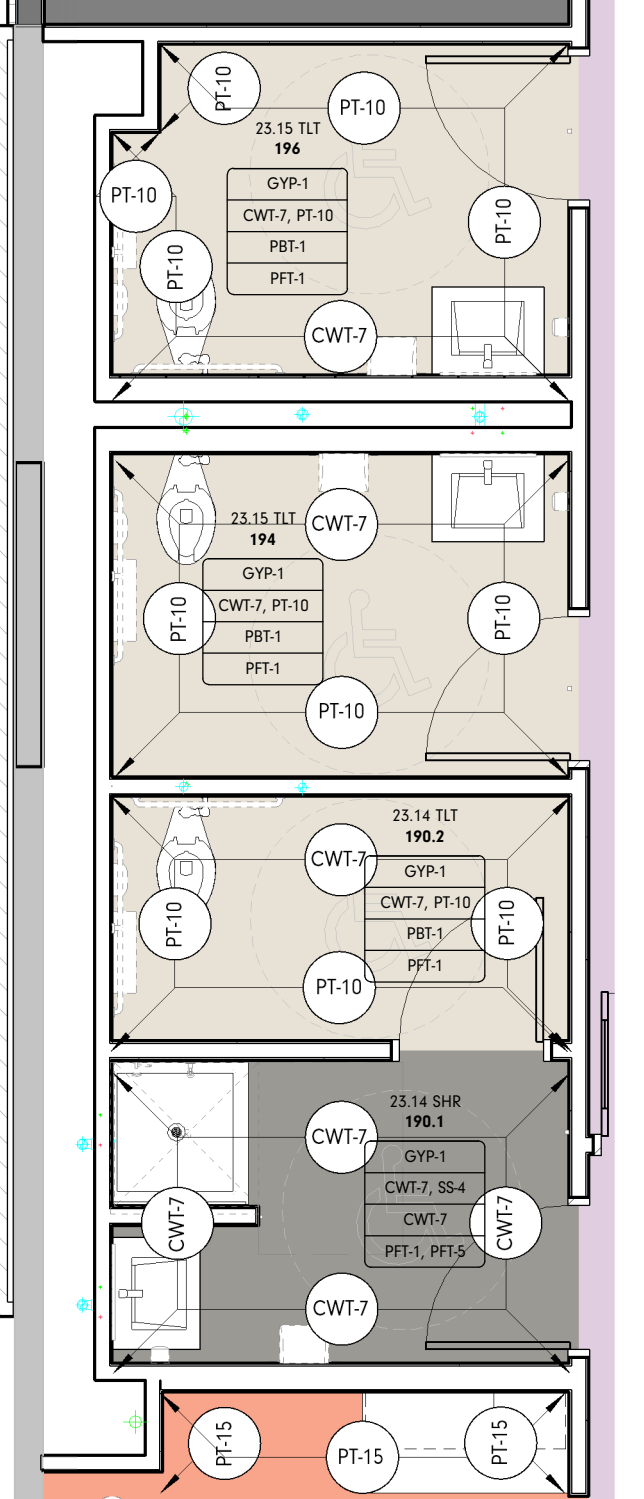
7 INT - CENTRAL ANNEX - LEVEL LL3 WP CONNECTOR FINISH PLAN
A911.1 1/8" = 1'-0"



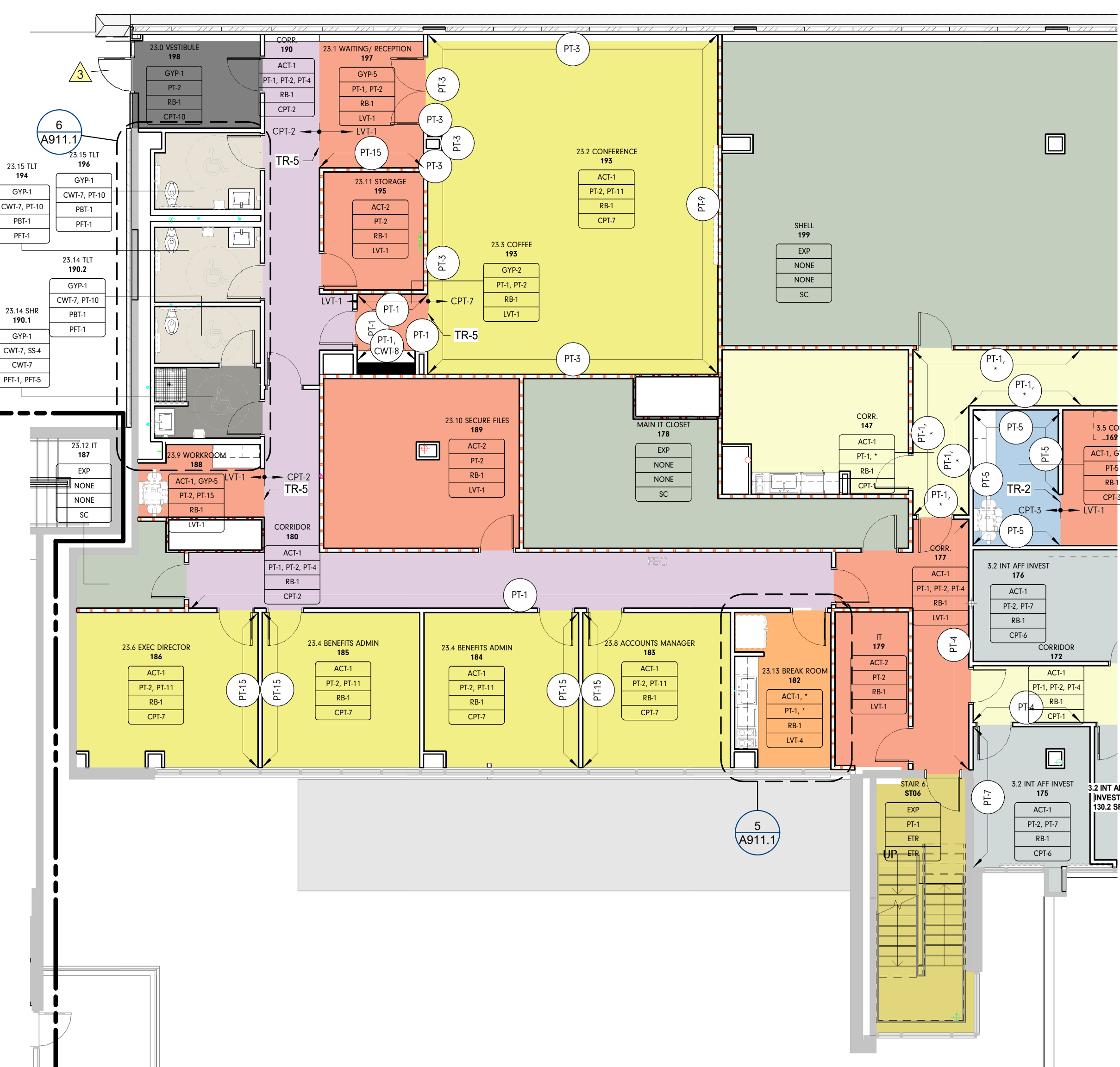
3 7.5 TLT ENLARGED FINISH PLAN
A911.1 1/4" = 1'-0"



5 23.13 BREAK ROOM 182 ENLARGED FINISH PLAN
A911.1 1/4" = 1'-0"



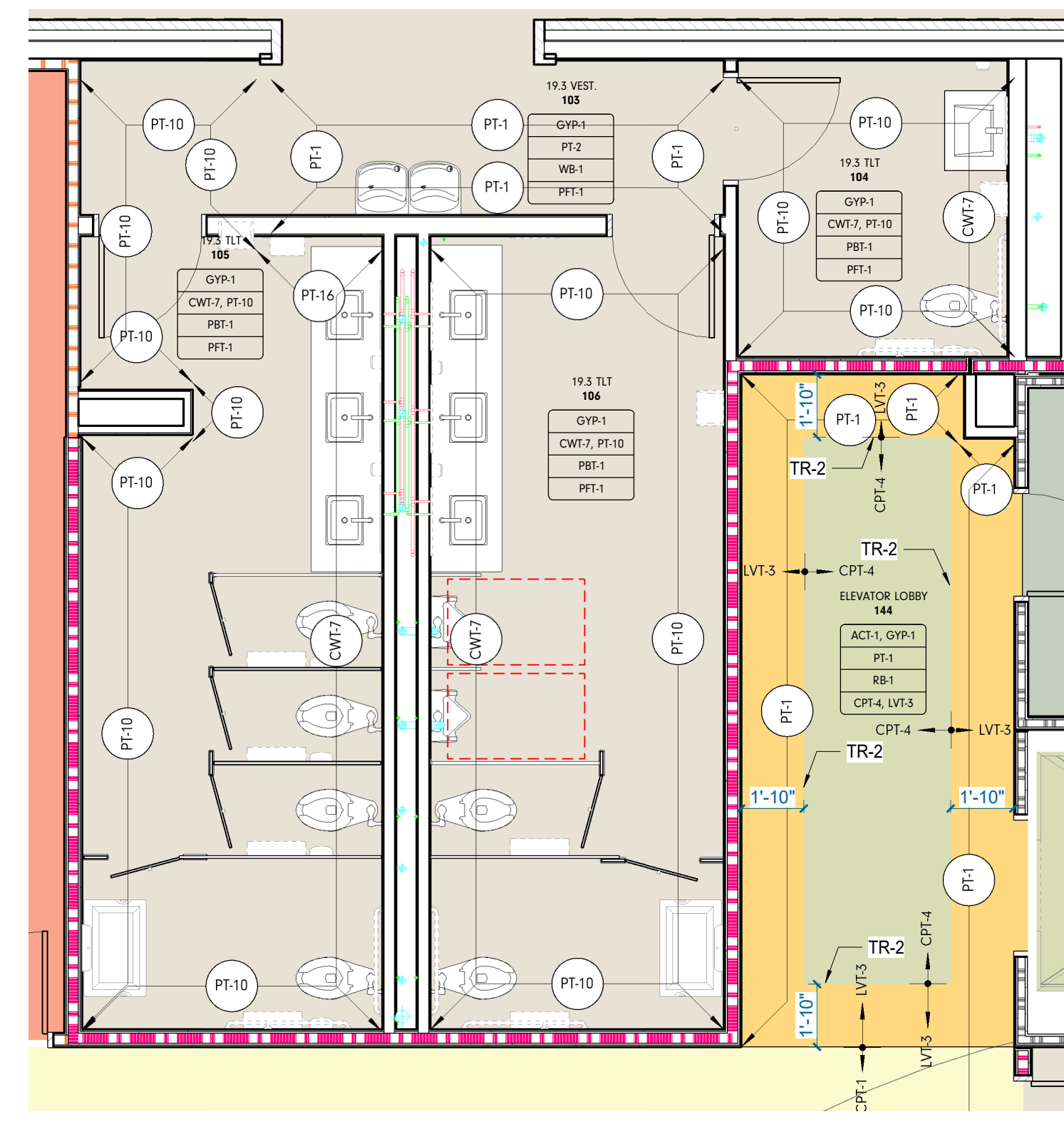
6 23.14 / 23.15 TLT SHR / TLT ENLARGED FINISH PLAN
A911.1 1/4" = 1'-0"



1 INT - CENTRAL ANNEX - LEVEL LL2 A FINISH PLAN
A911.1 1/8" = 1'-0"



2 INT - CENTRAL ANNEX - LEVEL LL2 B FINISH PLAN
A911.1 1/8" = 1'-0"



4 19.3 TLT ENLARGED FINISH PLAN
A911.1 1/4" = 1'-0"



Project Information:

19018

COK PUBLIC SAFETY COMPLEX

900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:
Architects Design Group

#	ISSUE	DATE
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PM: JOHN THURMAN
PA: LAUREN BUSH /
Checked By: TOIPS
Drawing Info: BP

A912

CA - LL1 FINISH PLANS

FINISH PLAN GENERAL NOTES

- TYPICAL WALL FINISH TO BE PT-2, UNO.
 - TYPICAL WALL BASE TO BE RB-1, UNO.
 - NEW WALL BASE SHALL BE INSTALLED ON ALL NEW AND EXISTING WALLS, ALONG BOTTOM OF EXPOSED FRONTS, BACKS, SIDES, AND ENDS OF ALL FIXED CABINETS, U.N.O. ON THE INTERIOR ELEVATIONS.
 - ALL NEW GYP. BD. PARTITIONS/OFFSETS TO BE PAINTED EGGSHELL FOR VERTICAL, FLAT FOR HORIZONTAL SURFACES, U.N.O.
 - DOOR FRAMES OCCURRING IN ACCENT WALLS TO BE THE SAME COLOR AS THE WALL ON WHICH IT OCCURS, SEMI-GLOSS FINISH.
 - FURNISH AND INSTALL TRANSITIONS WHERE FLOORING MATERIALS CHANGE, U.N.O. FINISH ON BOTH SIDES OF TRANSITION TO BE A MAX. HEIGHT DIFFERENCE OF 1/4", U.N.O. REFER TO A830.1 SERIES FOR TRANSITION DETAILS.
 - ALL FLOOR FINISH TRANSITION SHALL OCCUR AT CENTERLINE OF DOOR WHEN DOOR IS IN CLOSED POSITION, U.N.O.
 - WALL TILE THAT TURNS OR ENDS ON AN OUTSIDE CORNER SHOULD BE FINISHED WITH A METAL TRANSITION AT THE VERTICAL EDGE, U.N.O. REFER TO SPECIFICATIONS TYPE AND FINISH.
 - RESILIENT WALL BASE AT ALL CARPETED AREAS SHALL BE STRAIGHT BASE, UNO.
 - PROVIDE CONTROL JOINTS AS REQ'D BY FLOORING MANUFACTURER'S PRODUCT RECOMMENDATIONS.
 - EXTEND ALL SPECIFIED FLOORING UNDER MILLWORK & EQUIPMENT IN THAT AREA, U.N.O.
 - PROVIDE COAT HOOKS IN ALL RESTROOM STALLS AND ON OFFICE SIDE DOOR LEAFS, U.N.O.
 - ALL RUBBER BASE SHALL BE SEALED TIGHT TO FINISHED FLOOR MATERIAL.
 - WHERE WALL CERAMIC TILE MEETS FLOOR, PROVIDE A WATER RESILIENT SILICONE CAULKING AT JOINT.
 - SEE ELEVATIONS FOR ADDITIONAL FINISH INFORMATION.
 - PAINT REVEALS AND FILER PANELS TO MATCH ADJACENT FINISHES, UNO.
 - GROUT JOINTS SHALL BE 1/8" MAXIMUM IN WIDTH, U.N.O. IN SPECIFICATIONS.
 - WOOD GRAM LAMINATES SHALL BE INSTALLED WITH GRAIN RUNNING IN THE VERTICAL DIRECTION, U.N.O.
 - WINDOW SHADES SHALL BE INSTALLED AT ALL EXTERIOR WINDOWS U.N.O.
 - ALL EXPOSED INTERIOR BRICK TO BE PAINTED PT-7.
 - ALL OUTSIDE EDGES OF WALLS TO RECEIVE CG-1 (2" VINYL CORNER GUARD) U.N.O.
 - COAT HOOK TO BE PROVIDED AT EVERY BATHROOM DOOR AND TOILET PARTITION
- * REFER TO ELEVATION FOR FINISH LOCATIONS

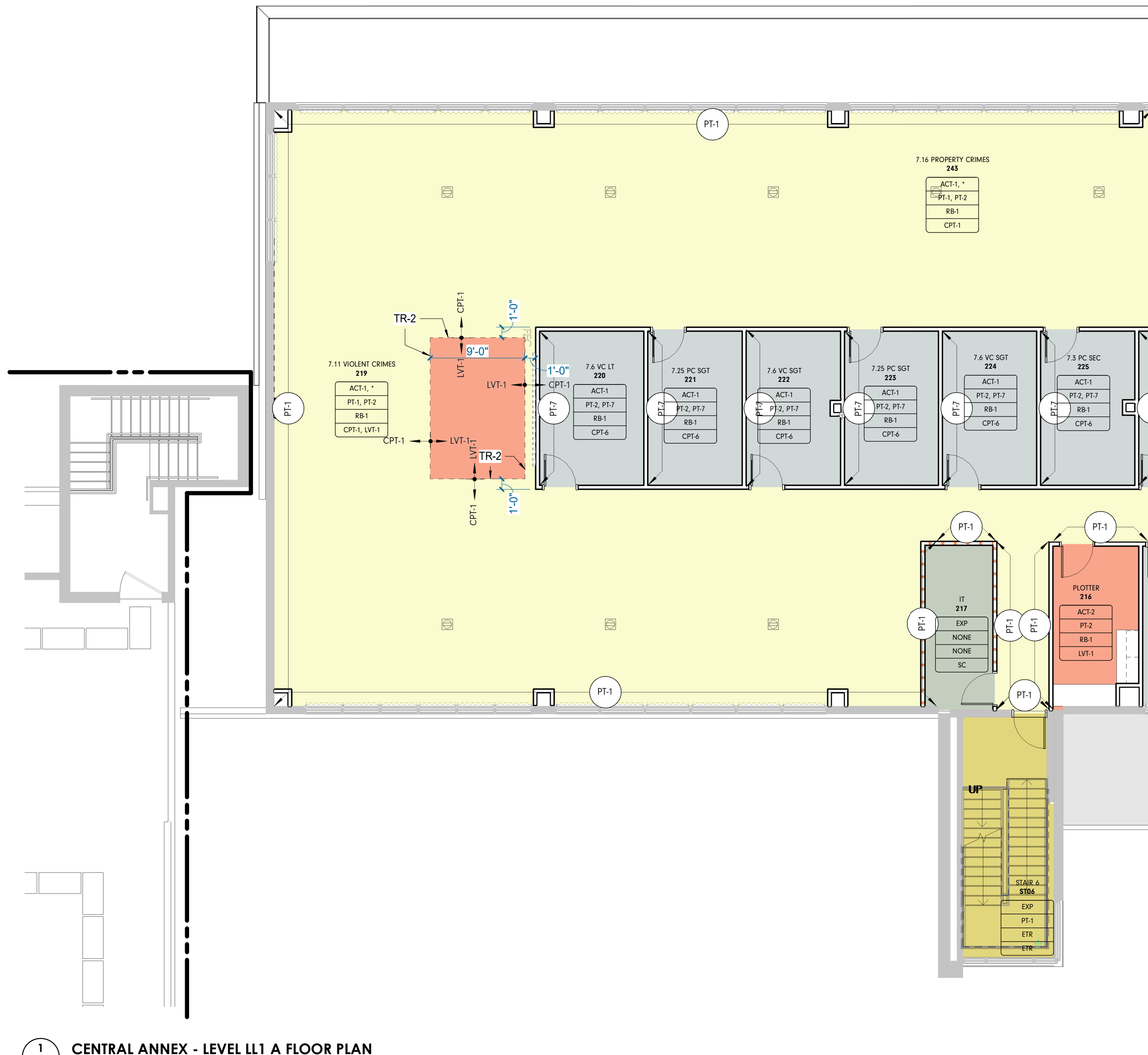
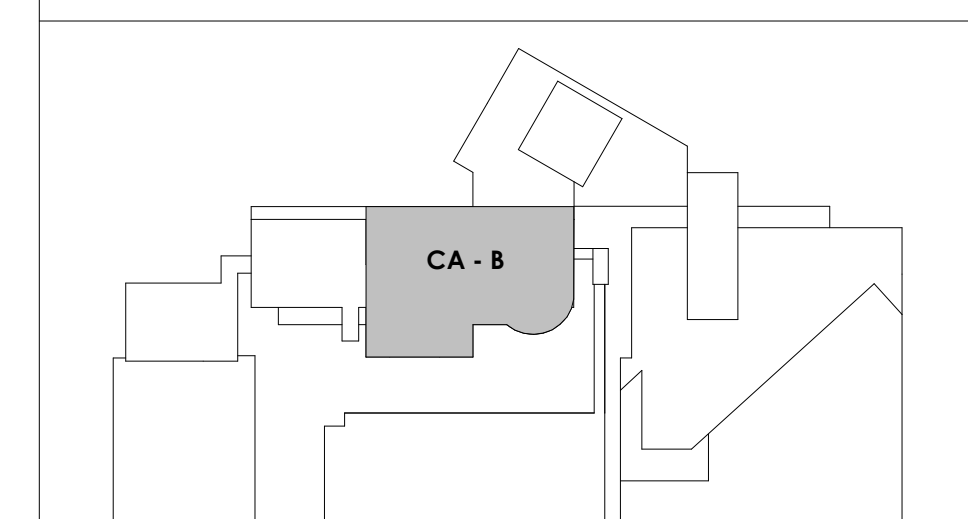
FINISH PLAN LEGEND

ROOM FINISH TAG	REFERENCE A-600'S FOR DETAILS
WALL FINISH	* DENOTES MULTIPLE FINISHES, REFER TO REFLECTED CEILING PLANS, FLOOR PATTERN PLANS AND/OR ELEVATIONS FOR INFO.
BASE FINISH	
FLOOR FINISH	
MILLWORK	
FINISH TAG	
ACCENT WALL DESIGNATION	
FLOOR TRANSITION DESIGNATION	
FLOOR TRANSITION DESIGNATION	
MATERIAL DIRECTION	
CONTROL JOINT	
OUT OF SCOPE	

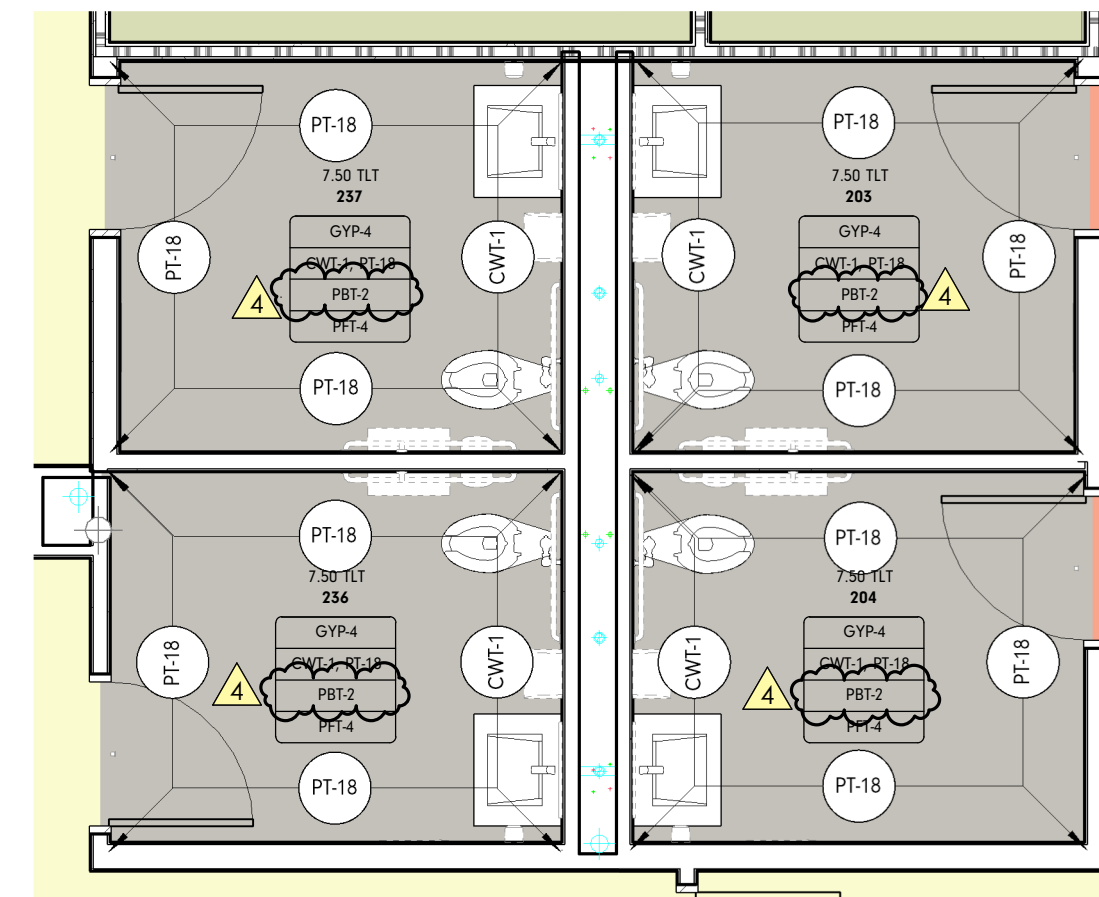
FLOOR FINISH LEGEND

CPT-1	LVT-1
CPT-1, LVT-1	PF-4
CPT-3	SC
CPT-4	
CPT-4, LVT-1	
CPT-6	
ETR	

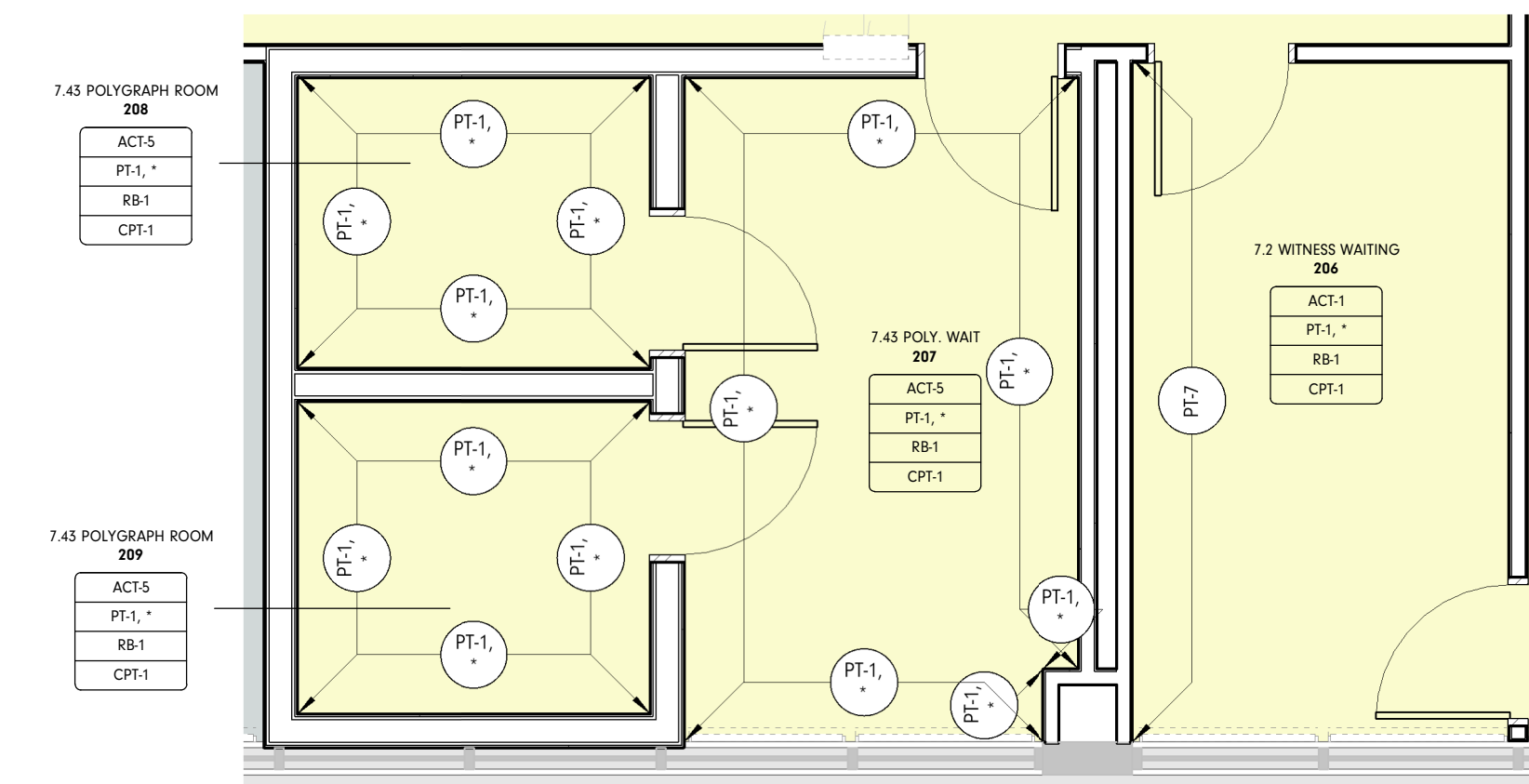
KEY PLAN



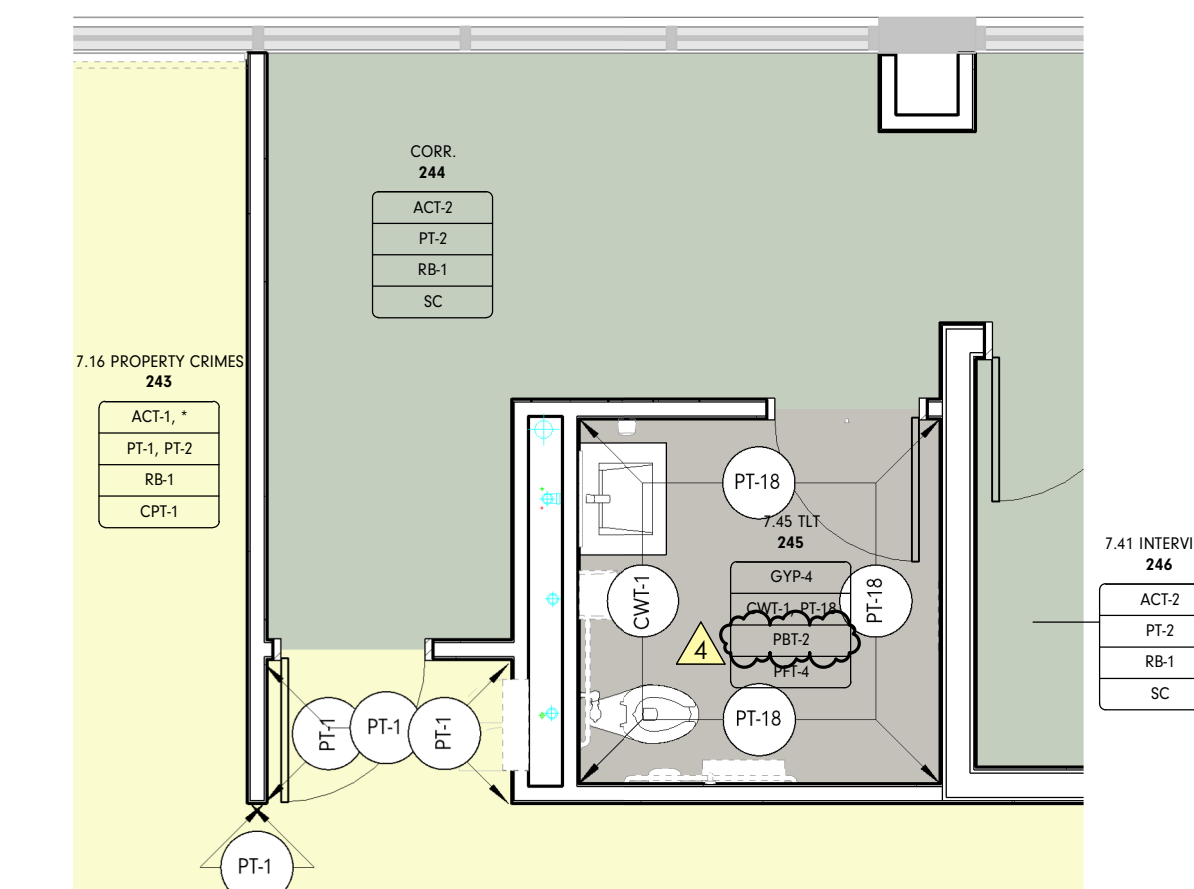
1 CENTRAL ANNEX - LEVEL LL1 A FLOOR PLAN
1/8" = 1'-0"



4 7.50 TLT 203 / 204 / 236 / 237 ENLARGED FINISH PLAN
1/4" = 1'-0"



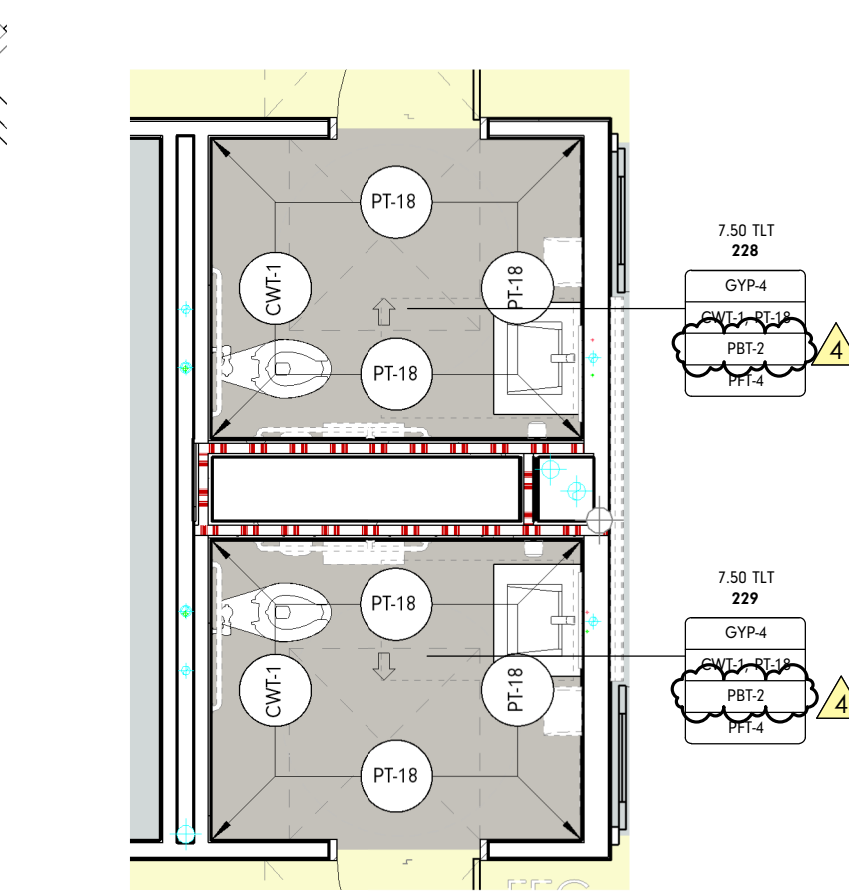
5 7.45 POLYGRAPH ROOM / 7.43 POLY WAIT / 7.2 WITNESS WAITING ENLARGED FINISH PLAN
1/4" = 1'-0"



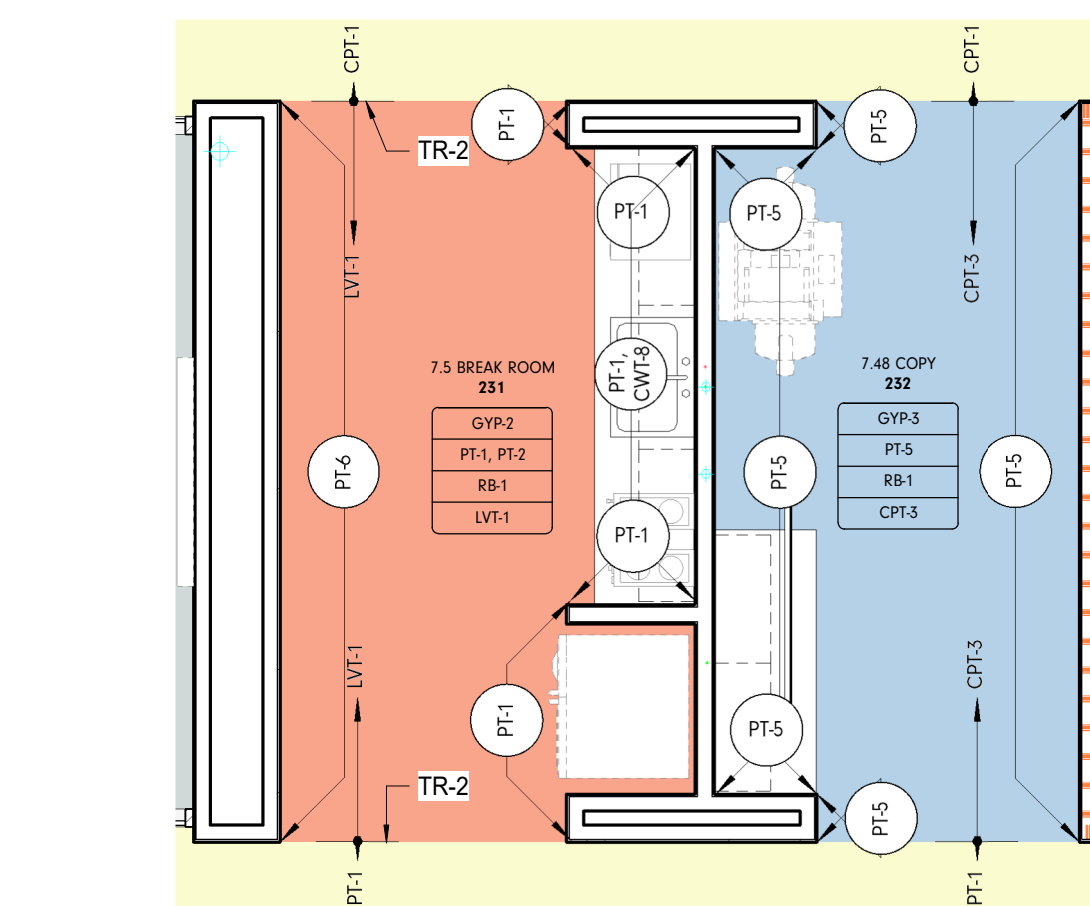
3 CORRIDOR 242 / 7.45 TLT ENLARGED FINISH PLAN
1/4" = 1'-0"



2 CENTRAL ANNEX - LEVEL LL1 B FLOOR PLAN
1/8" = 1'-0"



6 7.50 TLT 228 / 229 ENLARGED FINISH PLAN
1/4" = 1'-0"



7 7.5 BREAK ROOM 231 / 7.48 COPY 232 ENLARGED FINISH PLAN
1/4" = 1'-0"



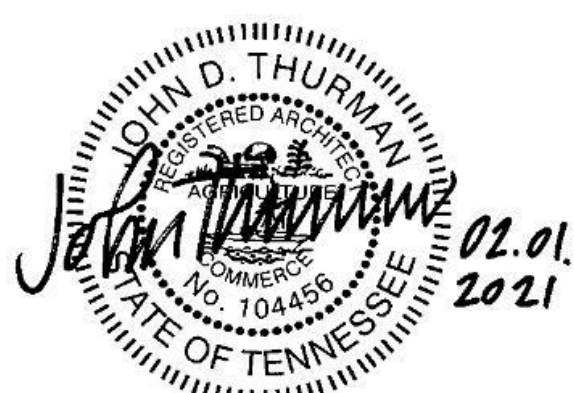
Project Information:

19018

COK PUBLIC SAFETY COMPLEX

900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:
Architects Design Group

#	ISSUE	DATE
4	ADD #M.1	03/03/21

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 PIC: DAVID COLLINS
 PM: JOHN THURMAN
 PA: LAUREN BUSH /
 Drawn By: TOIPS
 Checked By: BP

Drawing Info:

A913

CA - GROUND LVL
FINISH PLANS

FINISH PLAN GENERAL NOTES

1. TYPICAL WALL FINISH TO BE PT-2, UNO
 2. TYPICAL WALL BASE TO BE RB-1, UNO
 3. NEW WALL BASE SHALL BE INSTALLED ON ALL NEW AND EXISTING WALLS, ALONG BOTTOM OF EXPOSED FRONTS, BACKS, SIDES, AND ENDS OF ALL FIXED CABINETS, U.N.O. ON THE INTERIOR ELEVATIONS
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 16. PAINT REVEALS AND FILER PANELS TO MATCH ADJACENT FINISHES, UNO.
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 22. COAT HOOK TO BE PROVIDED AT EVERY BATHROOM DOOR AND TOILET PARTITION
- * REFER TO ELEVATION FOR FINISH LOCATIONS

FINISH PLAN LEGEND

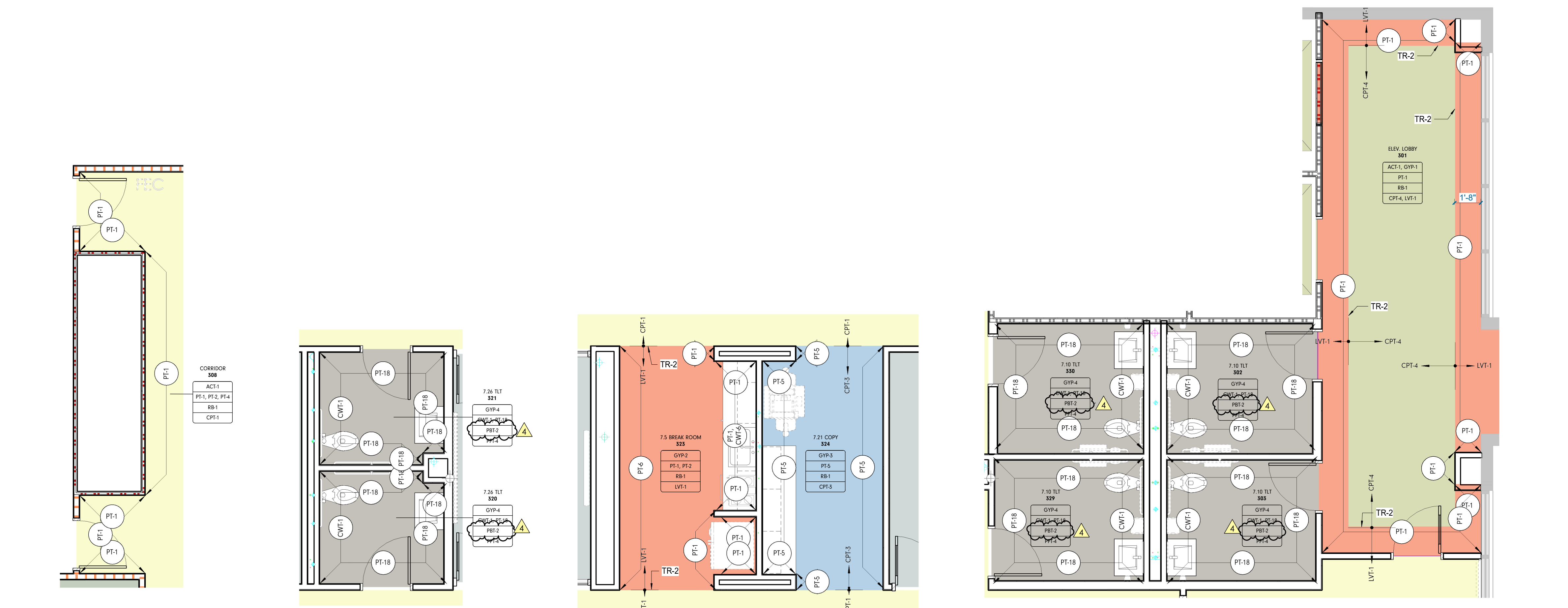
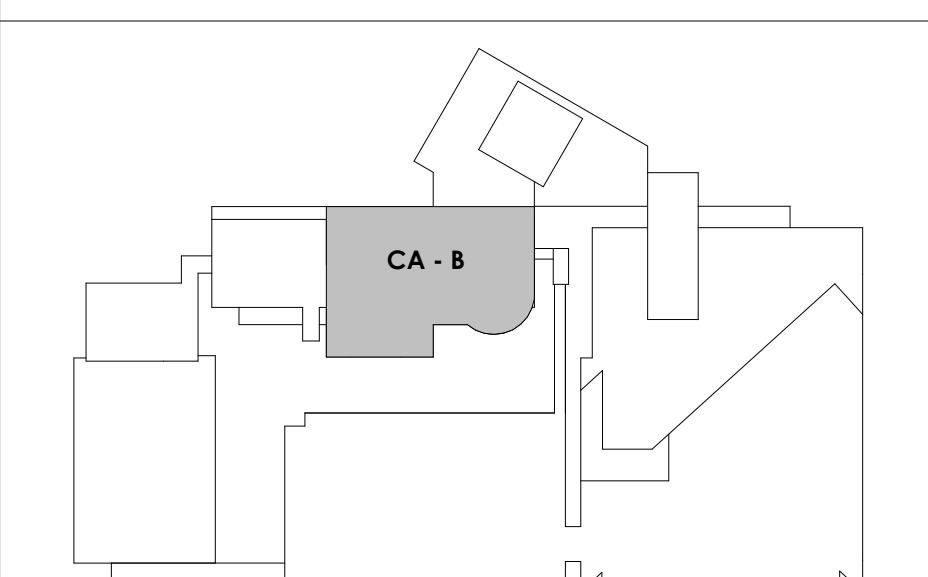
ROOM FINISH TAG REFERENCE A-600's FOR DETAILS

NAME	AREA	FINISH	REFERENCE
WALL	WALL FINISH	PT-1, PT-2, PT-4	* DENOTES MULTIPLE FINISHES, REFER TO REFLECTED CEILING PLANS, FLOOR PATTERN PLANS AND/OR ELEVATIONS FOR INFO.
BASE	BASE FINISH	RB-1, RB-2	
FLOOR	FLOOR FINISH	CP-1, CP-2, CP-3, CP-4, LVT-1, LVT-2	
XXX	FINISH TAG		
PT-1	ACCENT WALL DESIGNATION		
XXX - XXX	FLOOR TRANSITION DESIGNATION		
XXX / XXX	FLOOR TRANSITION DESIGNATION		
VCT	MATERIAL DIRECTION		
---	CONTROL JOINT		
---	OUT OF SCOPE		

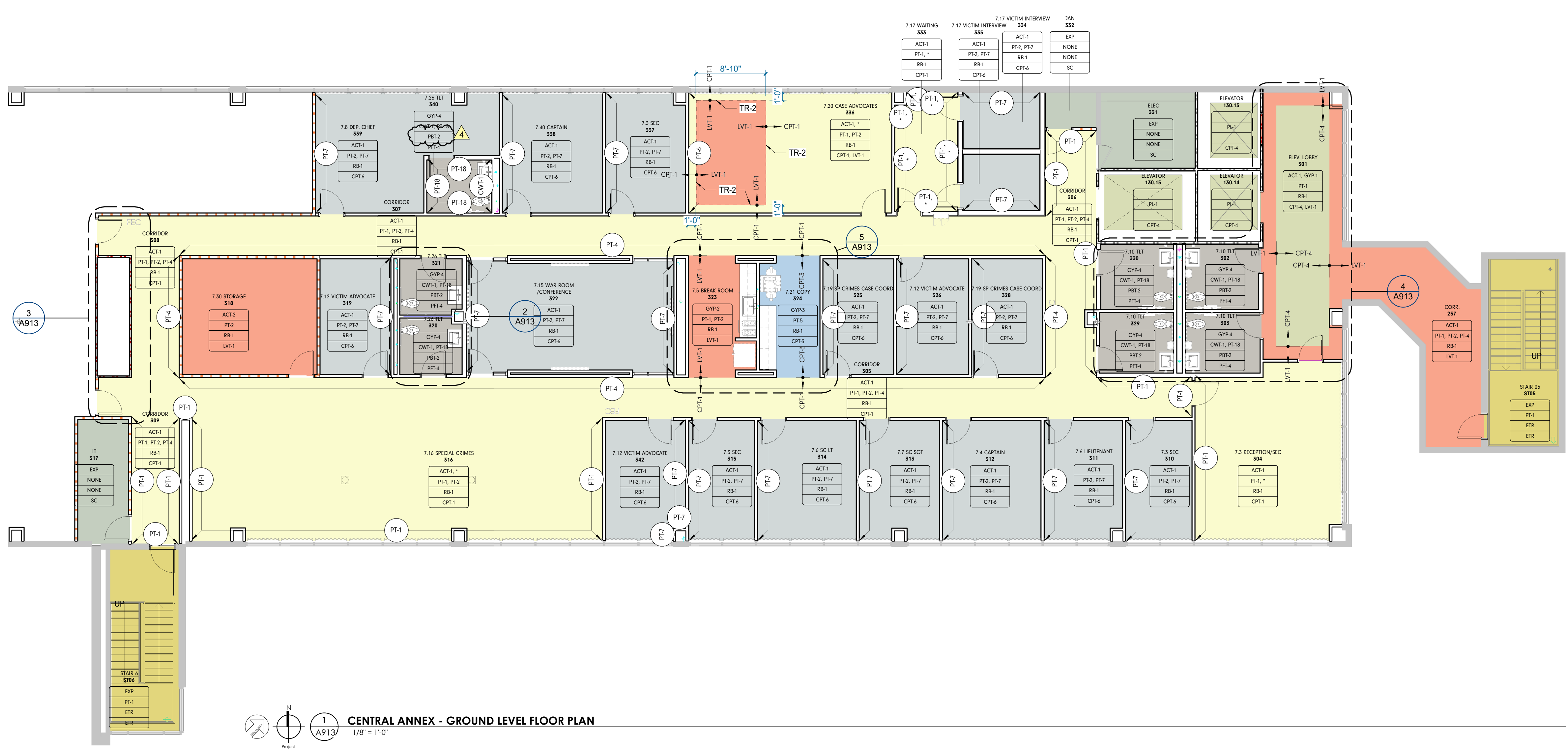
FLOOR FINISH LEGEND

CP-1	LVT-1
CP-1, LVT-1	PFT-4
CP-3	SC
CP-4	
CP-4, LVT-1	
CP-6	
ETR	

KEY PLAN



3 CORRIDOR 308 ENLARGED FINISH PLAN 1/4" = 1'-0"
 2 7.26 TLT 320 / 321 ENLARGED FINISH PLAN 1/4" = 1'-0"
 5 7.5 BREAK ROOM 323 / 7.21 COPY 324 ENLARGED FINISH PLAN 1/4" = 1'-0"
 4 7.10 TLT 302 / 303 / 329 / 330 ENLARGED FINISH PLAN 1/4" = 1'-0"



1 CENTRAL ANNEX - GROUND LEVEL FLOOR PLAN 1/8" = 1'-0"



Project Information:

19018

COK SAFETY BUILDING

900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:

Architects Design Group

#	ISSUE	DATE
4	ADD #04.1	03/03/21

Issue Date: FEBRUARY 1, 2021
 PIC: DAVID COLLINS
 PM: JOHN THURMAN
 PA: LAUREN BUSH /
 Drawn By: Author
 Checked By: BP

Drawing Info:

A920

POB - PARKING LEVEL P4 A FINISH PLANS

FINISH PLAN GENERAL NOTES

- TYPICAL WALL FINISH TO BE PT-1, UNO
- TYPICAL WALL BASE TO BE WD-1, UNO
- NEW WALL BASE SHALL BE INSTALLED ON ALL NEW AND EXISTING WALLS, ALONG BOTTOM OF EXPOSED FRONTS, BACKS, SIDES, AND ENDS OF ALL FIXED CABINETS, U.N.O. ON THE INTERIOR ELEVATIONS.
- ALL NEW GYP. BD. PARTITIONS/SOFFITS TO BE PAINTED EGGSHELL FOR VERTICAL, FLAT FOR HORIZONTAL SURFACES, U.N.O.
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- WALL TILE THAT TURNS OR ENDS ON AN OUTSIDE CORNER SHOULD BE FINISHED WITH A METAL TRANSITION AT THE VERTICAL EDGE, U.N.O. REFER TO SPECIFICATIONS TYPE AND FINISH.
- RESILIENT WALL BASE AT ALL CARPETED AREAS SHALL BE STRAIGHT BASE, UNO.
- PROVIDE CONTROL JOINTS AS REQ.D BY FLOORING MANUFACTURE'S PRODUCT RECOMMENDATIONS.
- EXTEND ALL SPECIFIED FLOORING UNDER MILLWORK & EQUIPMENT IN THAT AREA, U.N.O.
- PROVIDE COAT HOOKS IN ALL RESTROOM STALLS AND ON OFFICE SIDE DOOR LEAFS, U.N.O.
- ALL RUBBER BASE SHALL BE SEALED TIGHT TO FINISHED FLOOR MATERIAL.
- WHERE WALL CERAMIC TILE MEETS FLOOR, PROVIDE A WATER RESILIENT SILICONE CAULKING AT JOINT.
- SEE ELEVATIONS FOR ADDITIONAL FINISH INFORMATION.
- PAINT REVEALS AND FILER PANELS TO MATCH ADJACENT FINISHES, UNO.
- GROUT JOINTS SHALL BE 1/8" MAXIMUM IN WIDTH, U.N.O. IN SPECIFICATIONS.
- WOOD GRAIN LAMINATES SHALL BE INSTALLED WITH GRAIN RUNNING IN THE VERTICAL DIRECTION, U.N.O.
- WINDOW SHADES SHALL BE INSTALLED AT ALL EXTERIOR WINDOWS U.N.O.
- ALL EXPOSED INTERIOR BRICK TO BE PAINTED PT-7.
- ALL OUTSIDE EDGES OF WALLS TO RECEIVE 1" VINYL CORNER GUARD.

FINISH PLAN LEGEND

ROOM FINISH TAG	REFERENCE A-900'S FOR DETAILS
ACT	CELING FINISH
P/WC	WALL FINISH
RB	BASE FINISH
ET	FLOOR FINISH

* DENOTES MULTIPLE FINISHES. REFER TO REFLECTED CEILING PLANS, FLOOR PATTERN PLANS AND/OR ELEVATIONS FOR INFORMATION.

MILLWORK FINISH TAG	
SS-1	COUNTER FINISH
PLAM	MILLWORK FINISH

ACCENT WALL DESIGNATION

FLOOR TRANSITION DESIGNATION

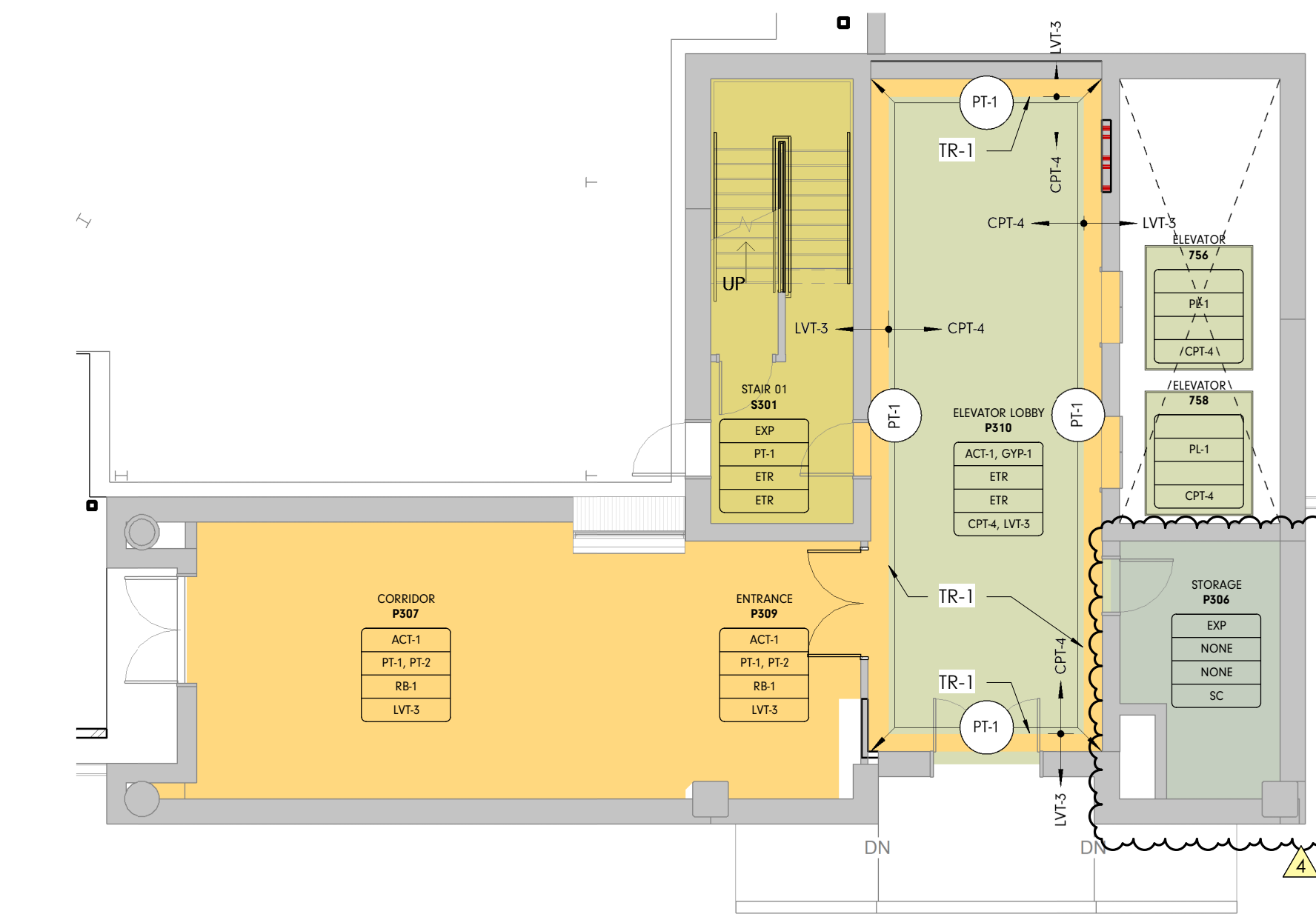
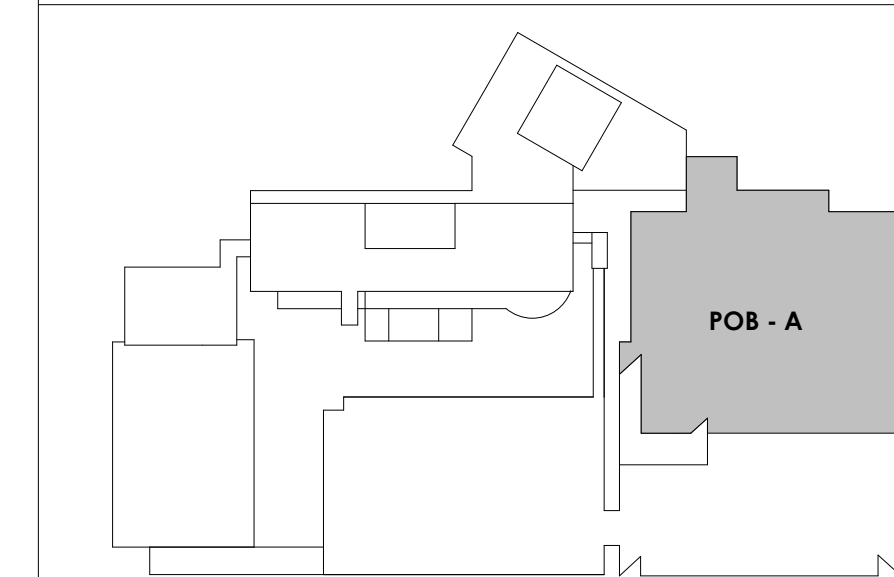
MATERIAL DIRECTION

CONTROL JOINT

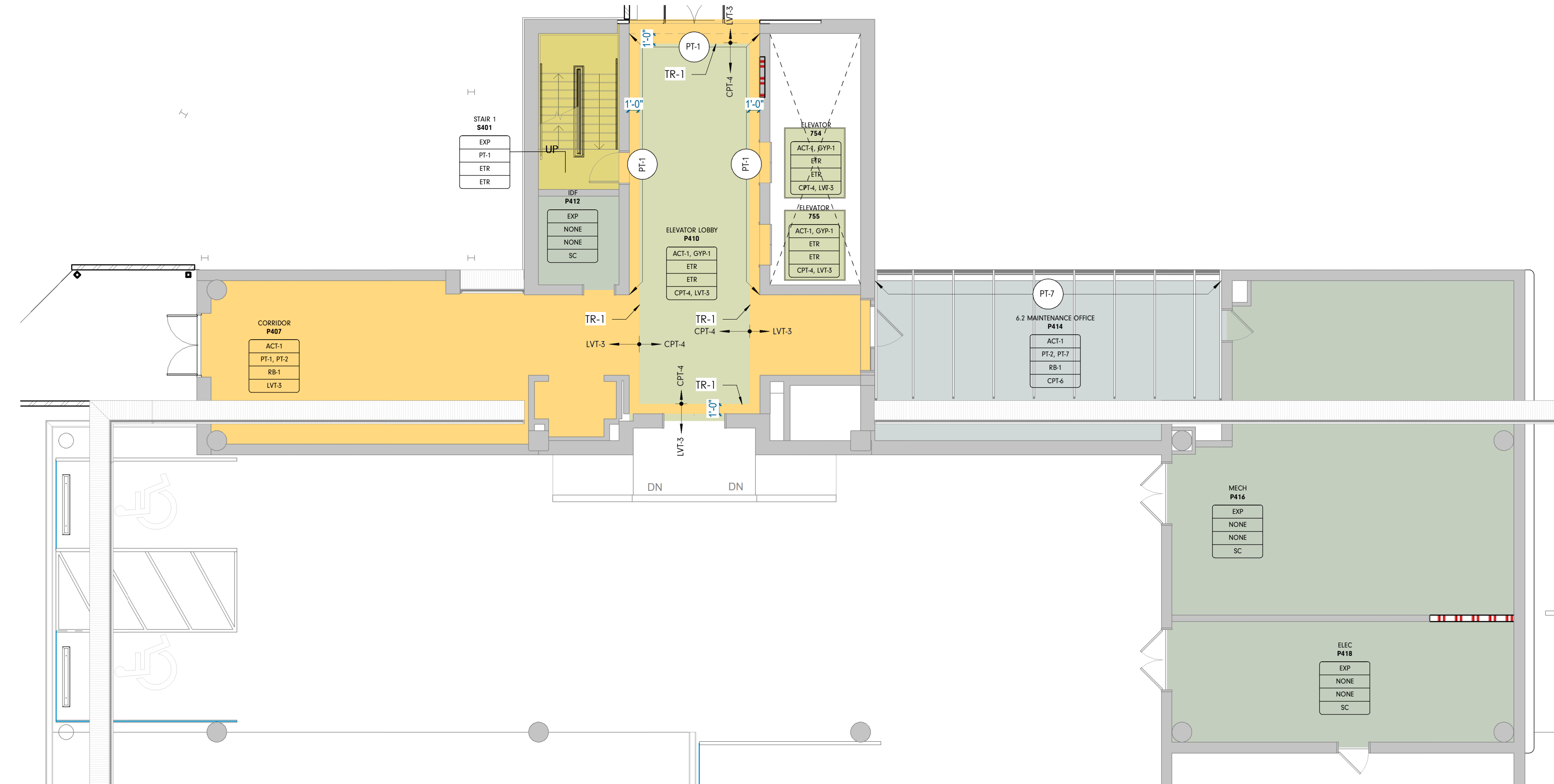
COLOR FINISH LEGEND

CPT-4, LVT-3
CPT-6
ETR
LVT-3
SC

KEY PLAN



1 INT - POB - LEVEL P3 - TYPICAL ELEVATOR LOBBY P1 - P3
 1/8" = 1'-0"



2 INT - POB - LEVEL P4 A FINISH PLAN
 1/8" = 1'-0"



Project Information:

19018

COK SAFETY BUILDING

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 Drawn By: Author
 Checked By: BP

Drawing Info:

A922

POB - OFFICE LEVEL 6 FINISH PLANS

FINISH PLAN GENERAL NOTES

- TYPICAL WALL FINISH TO BE PT-1, UNO.
- TYPICAL WALL BASE TO BE WD-1, UNO.
- NEW WALL BASE SHALL BE INSTALLED ON ALL NEW AND EXISTING WALLS, ALONG BOTTOM OF EXPOSED FRONTS, BACKS, SIDES, AND ENDS OF ALL FIXED CABINETS, U.N.O. ON THE INTERIOR ELEVATIONS.
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- ALL FLOOR FINISH TRANSITION SHALL OCCUR AT CENTERLINE OF DOOR WHEN DOOR IS IN CLOSED POSITION, U.N.O.
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- RESILIENT WALL BASE AT ALL CARPETED AREAS SHALL BE STRAIGHT BASE, UNO.
- PROVIDE CONTROL JOINTS AS REQ.D BY FLOORING MANUFACTURE'S PRODUCT RECOMMENDATIONS.
- EXTEND ALL SPECIFIED FLOORING UNDER MILLWORK & EQUIPMENT IN THAT AREA, U.N.O.
- PROVIDE COAT HOOKS IN ALL RESTROOM STALLS AND ON OFFICE SIDE DOOR LEAFS, U.N.O.
- ALL RUBBER BASE SHALL BE SEALED TIGHT TO FINISHED FLOOR MATERIAL.
- WHERE WALL CERAMIC TILE MEETS FLOOR, PROVIDE A WATER RESILIENT SILICONE CAULKING AT JOINT.
- SEE ELEVATIONS FOR ADDITIONAL FINISH INFORMATION.
- PAINT REVEALS AND FILER PANELS TO MATCH ADJACENT FINISHES, UNO.
- GROUT JOINTS SHALL BE 1/8" MAXIMUM IN WIDTH, U.N.O. IN SPECIFICATIONS.
- WOOD GRAIN LAMINATES SHALL BE INSTALLED WITH GRAIN RUNNING IN THE VERTICAL DIRECTION, U.N.O.
- WINDOW SHADES SHALL BE INSTALLED AT ALL EXTERIOR WINDOWS U.N.O.
- ALL EXPOSED INTERIOR BRICK TO BE PAINTED PT-7.
- ALL OUTSIDE EDGES OF WALLS TO RECEIVE 1" VINYL CORNER GUARD.

FINISH PLAN LEGEND

ROOM FINISH TAG	REFERENCE A-900'S FOR DETAILS
ACT	CEILING FINISH
P/WC	WALL FINISH
BB	BASE FINISH
ET	FLOOR FINISH

* DENOTES MULTIPLE FINISHES. REFER TO RELECTED CEILING PLANS, FLOOR BATTERY PLANS AND/OR ELEVATIONS FOR INFORMATION.

MILLWORK FINISH TAG	
ML	MILLWORK
SS-1	COUNTER FINISH
PLAM	MILLWORK FINISH

ACCENT WALL DESIGNATION

FLOOR TRANSITION DESIGNATION

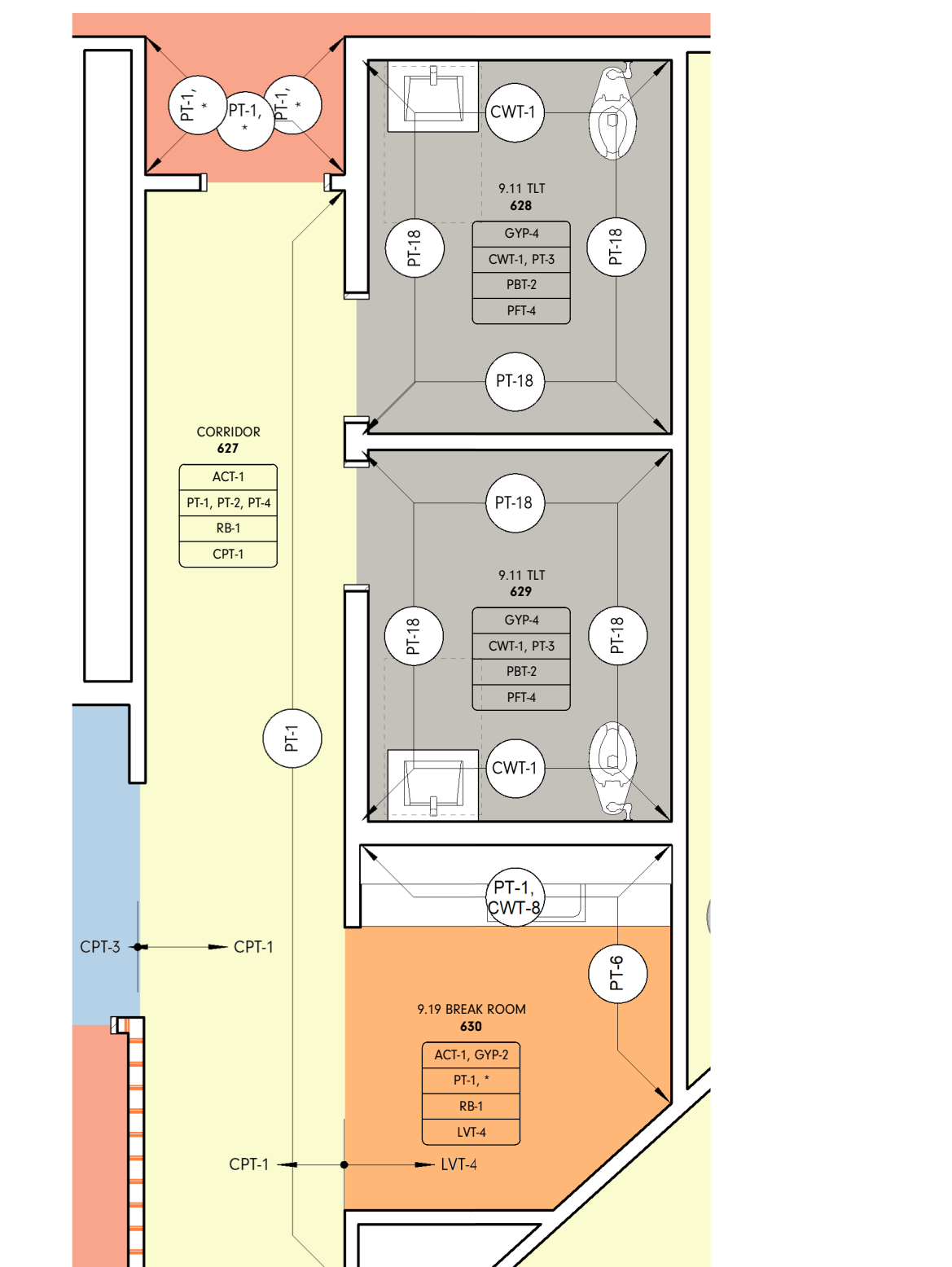
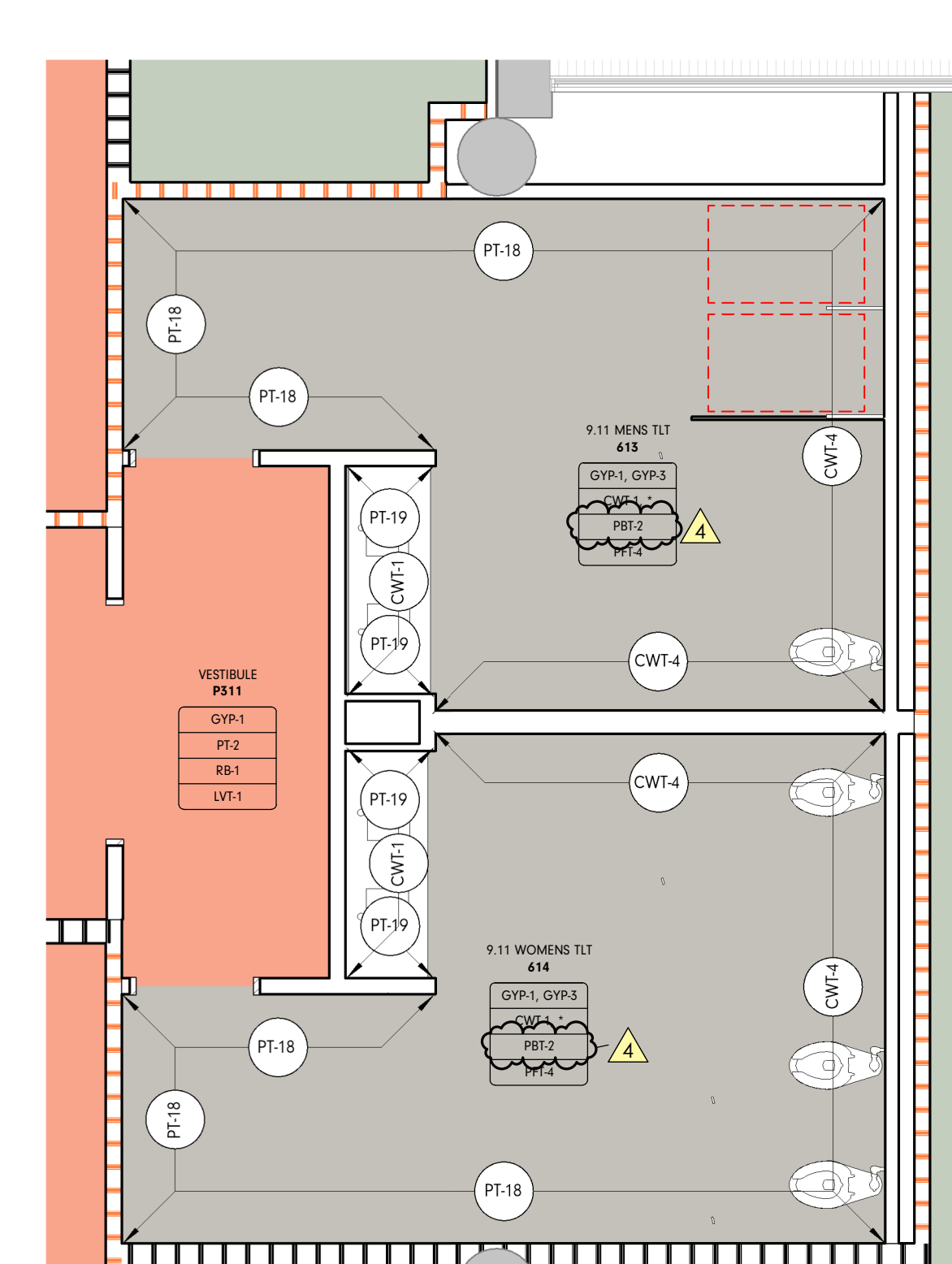
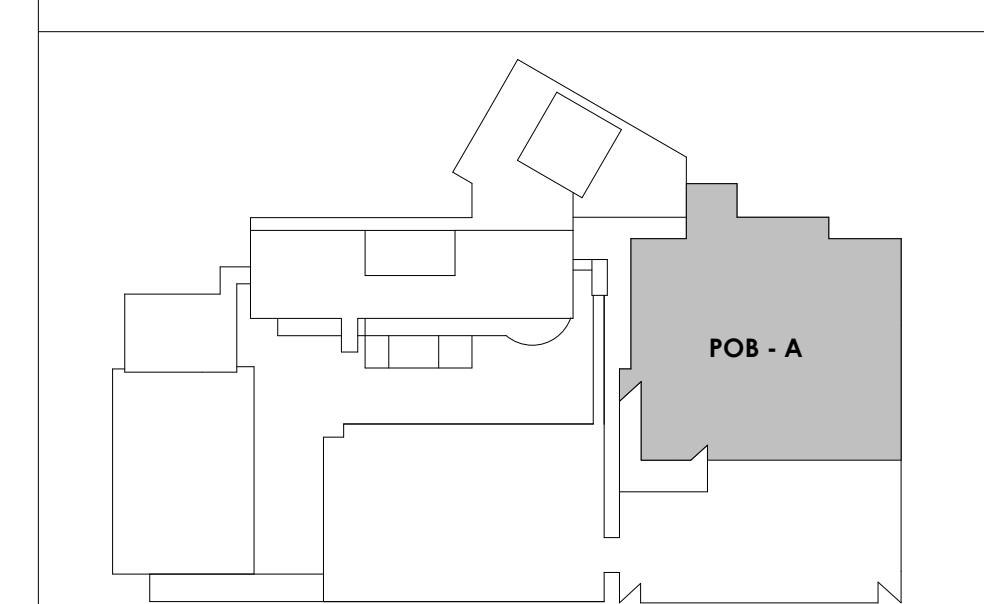
MATERIAL DIRECTION

CONTROL JOINT

COLOR FINISH LEGEND

CPT-1	LVT-4
LVT-1	PFT-4
CPT-3	SC
CPT-4	
CPT-4, LVT-3	
CPT-6	
ETR	

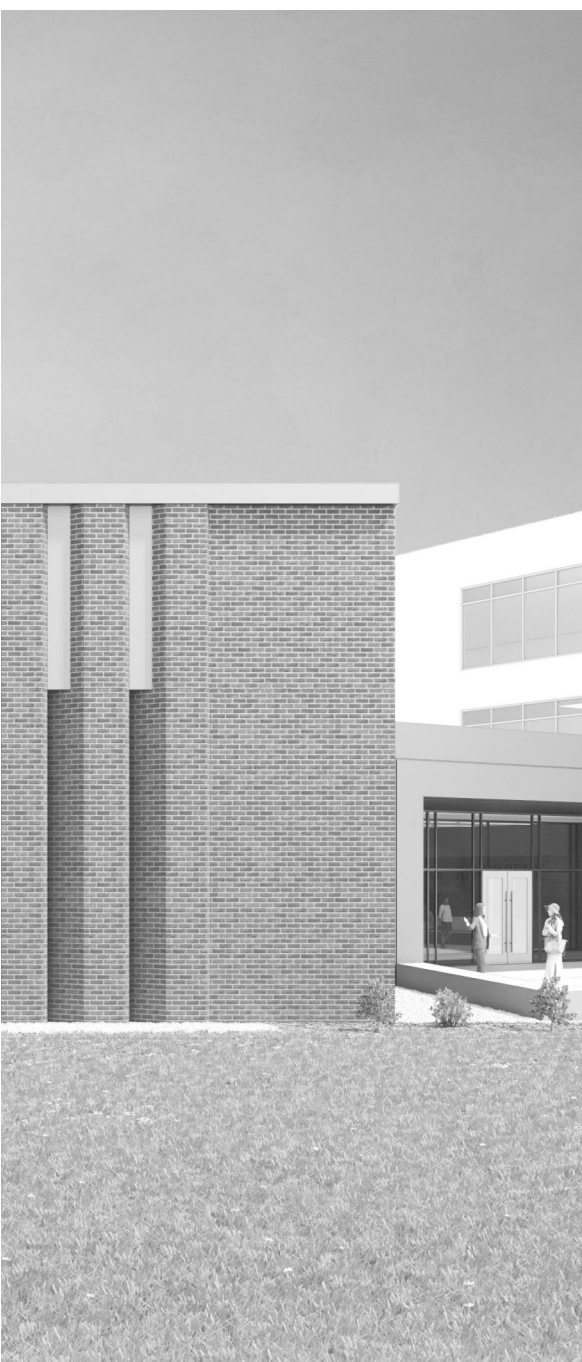
KEY PLAN



1 INT - POB - OFFICE LEVEL 6 OVERALL FINISH PLAN
1/8" = 1'-0"

3 INT - POB - OFFICE LEVEL 6 OVERALL FINISH PLAN - Callout 2
1/4" = 1'-0"

2 INT - POB - OFFICE LEVEL 6 OVERALL FINISH PLAN - Callout 1
1/4" = 1'-0"



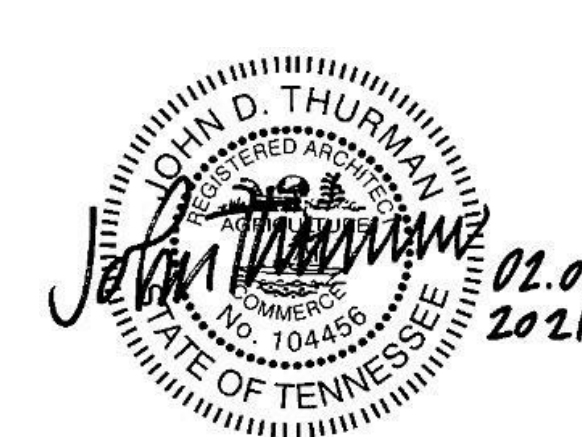
Project Information:

19018

COK SAFETY BUILDING

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Seal:



Consultant:
Architects Design Group

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 Checked By: BP

Drawing Info:

A923

POB - OFFICE LEVEL 7
FINISH PLANS

FINISH PLAN GENERAL NOTES

- TYPICAL WALL FINISH TO BE PT-1, UNO.
- TYPICAL WALL BASE TO BE WD-1, UNO.
- NEW WALL BASE SHALL BE INSTALLED ON ALL NEW AND EXISTING WALLS, ALONG BOTTOM OF EXPOSED FRONTS, BACKS, SIDES, AND ENDS OF ALL FIXED CABINETS, U.N.O. ON THE INTERIOR ELEVATIONS.
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- PAINT REVEALS AND FILER PANELS TO MATCH ADJACENT FINISHES, UNO.
- GROUT JOINTS SHALL BE 1/8" MAXIMUM IN WIDTH, U.N.O. IN SPECIFICATIONS.
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- ALL EXPOSED INTERIOR BRICK TO BE PAINTED PT-7.
- ALL OUTSIDE EDGES OF WALLS TO RECEIVE 1" VINYL CORNER GUARD.

FINISH PLAN LEGEND

ROOM FINISH TAG	REFERENCE A-900'S FOR DETAILS
ACT	CEILING FINISH
P/WC	WALL FINISH
RB	BASE FINISH
FT	FLOOR FINISH

* DENOTES MULTIPLE FINISHES. REFER TO REFLECTED CEILING PLANS, FLOOR PATTERN PLANS AND/OR ELEVATIONS FOR RESOLUTION.

MILLWORK FINISH TAG	MILLWORK
SS-1	COUNTER FINISH
PLAM	MILLWORK FINISH

ACCENT WALL DESIGNATION: ACT1, GYP-1; PT-1, PT-2; RB-1, RB-2; CPT-6

FLOOR TRANSITION DESIGNATION: XXX - XXX

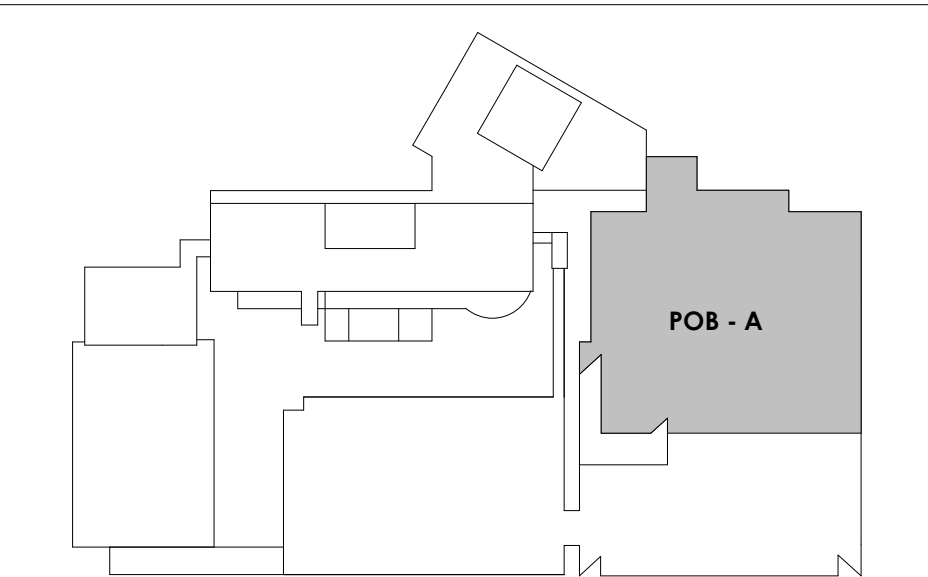
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CONTROL JOINT: (Dashed line symbol)

COLOR FINISH LEGEND

CPT-1	ETR
CPT-1, LVT-1	LVT-4
LVT-1	PFT-4
CPT-3	SC
CPT-4	
CPT-4, LVT-3	
CPT-6	

KEY PLAN



2 CALL ROOM 738 / 739 ENLARGED FINISH PLAN
1/4" = 1'-0"

3 BREAK ROOM 741 / 8.23 COPY 740 ENLARGED FINISH PLAN
1/4" = 1'-0"

4 8.25 WOMEN / MEN TLT ENLARGED FINISH PLAN
1/4" = 1'-0"

5 8.24 BREAK ROOM / 8.23 COPY ENLARGED FINISH PLAN
1/4" = 1'-0"

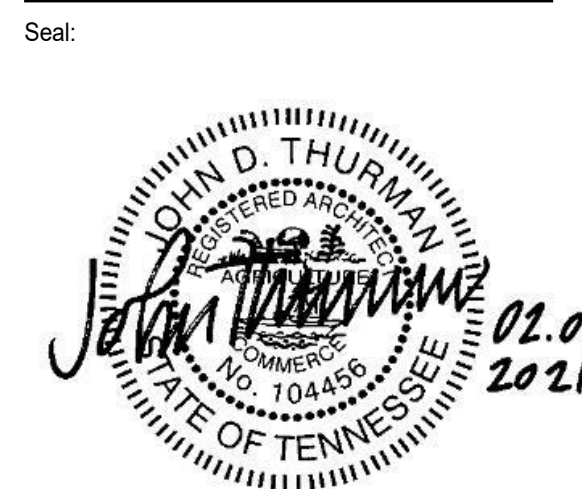
INT - POB - OFFICE LEVEL 7 OVERALL FINISH PLAN
1/8" = 1'-0"



Project Information:
19018

COK SAFETY BUILDING

900 East Oak Hill Ave, Knoxville, TN



Consultant:
Architects Design Group

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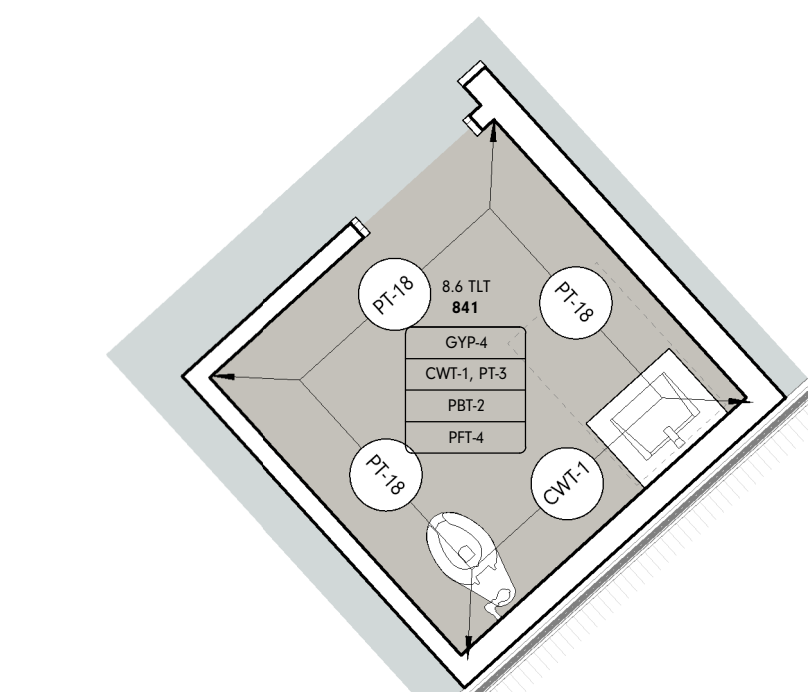
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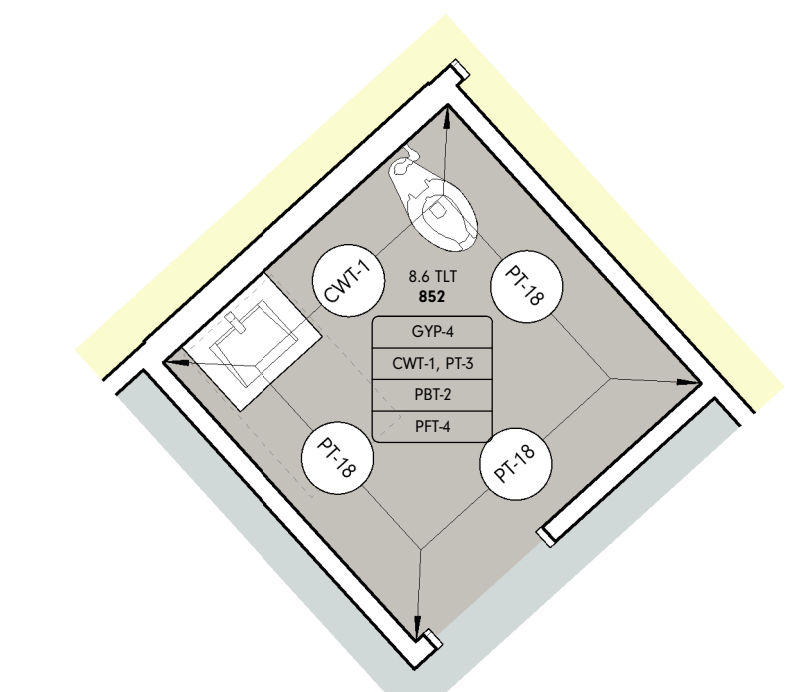
POB - OFFICE LEVEL 8
FINISH PLANS

FINISH PLAN GENERAL NOTES

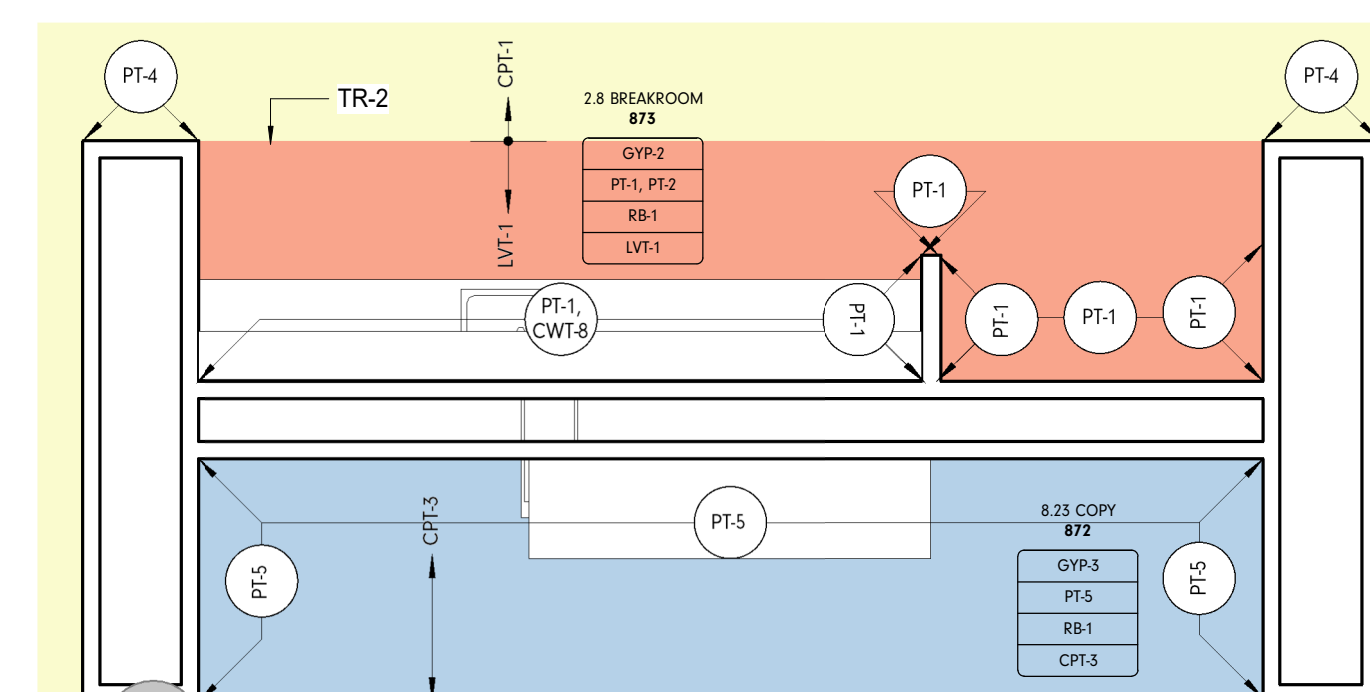
- TYPICAL WALL FINISH TO BE PT-1, UNO
- TYPICAL WALL BASE TO BE WD-1, UNO
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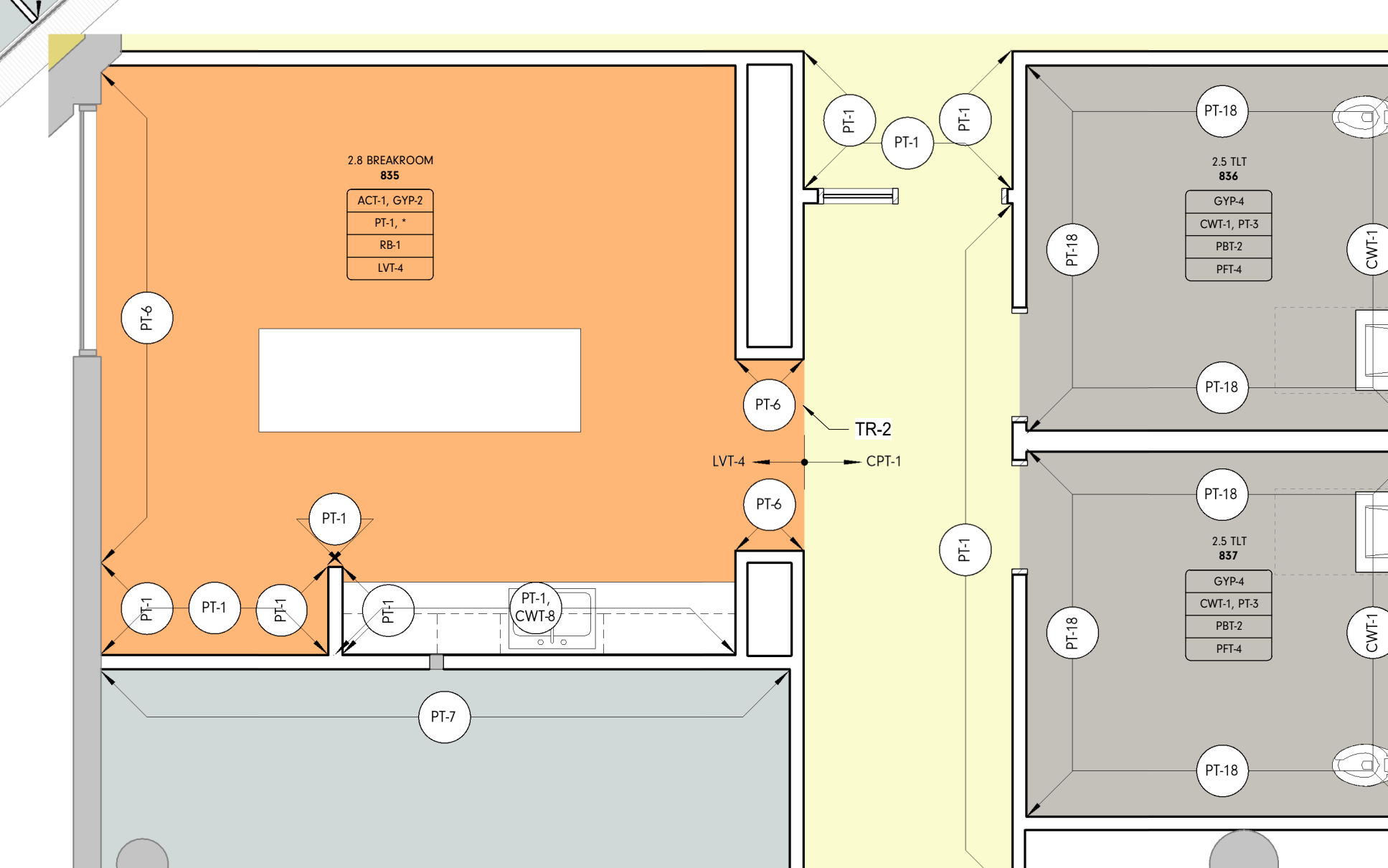
2 8.6 TL 841 ENLARGED FINISH PLAN
1/4" = 1'-0"



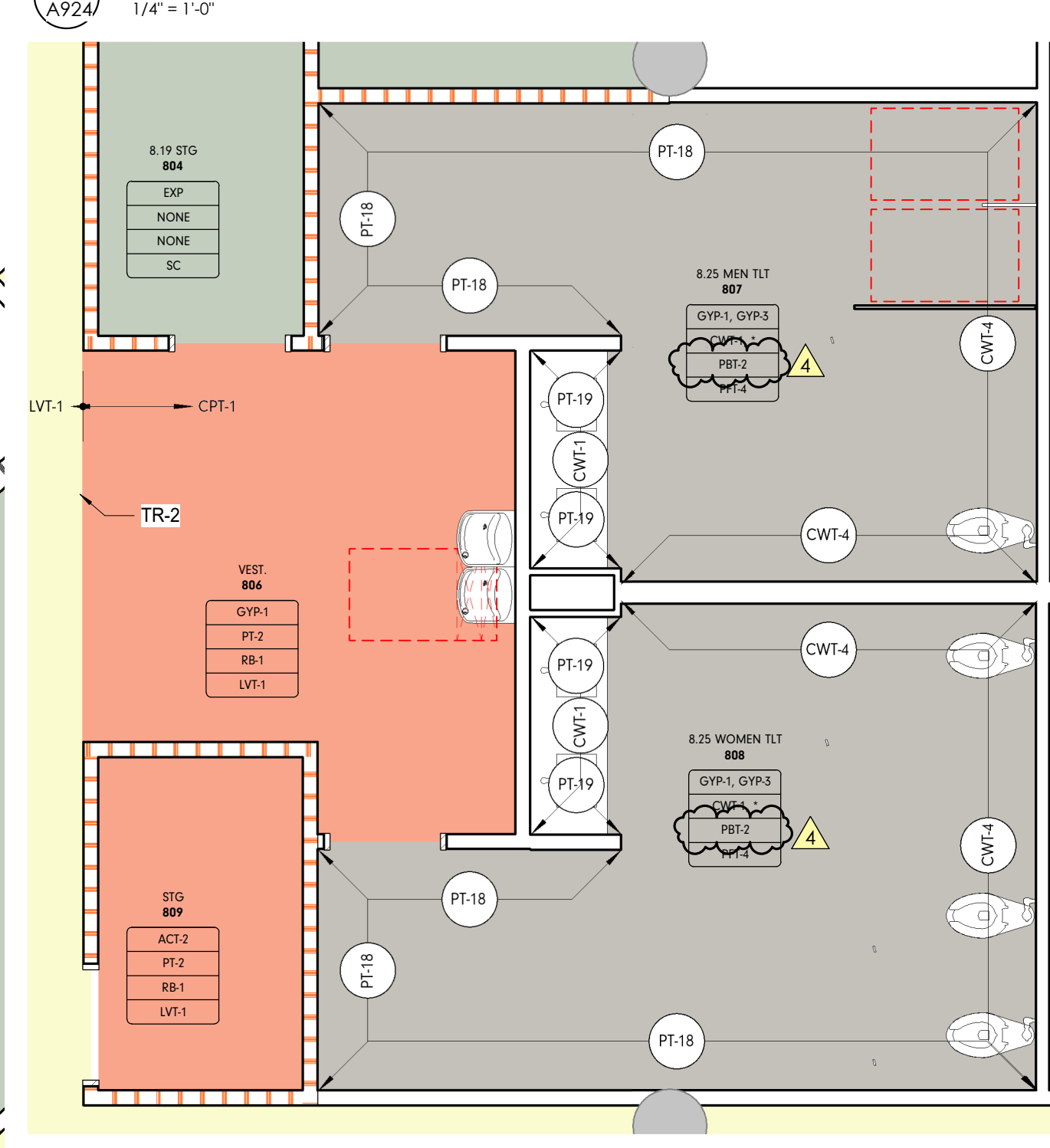
3 8.6 TL 852 ENLARGED FINISH PLAN
1/4" = 1'-0"



5 2.8 BREAK ROOM / 8.23 COPY ENLARGED FINISH PLAN
1/4" = 1'-0"



6 2.8 BREAK ROOM / CORRIDOR 839 / 2.5 TL 836 / 837 ENLARGED FINISH PLAN
1/4" = 1'-0"



7 8.25 MEN / WOMEN TLT ENLARGED FINISH PLAN
1/4" = 1'-0"



1 INT - POB OFFICE LEVEL 8 OVERALL FINISH PLAN
1/8" = 1'-0"

4 INT - POB OFFICE LEVEL 8 OVERALL FINISH PLAN - Callout 2
1/4" = 1'-0"

FINISH PLAN LEGEND

ROOM FINISH TAG	REFERENCE A-900'S FOR DETAILS
ACT	CEILING FINISH
PWC	WALL FINISH
RB	BASE FINISH
FT	FLOOR FINISH

* DENOTES MULTIPLE FINISHES. REFER TO RELECTED CEILING PLANE, FLOOR PATTERN PLANS AND/OR ELEVATIONS FOR INFORMATION.

MILLWORK FINISH TAG	
ML	MILLWORK
SS-1	COUNTER FINISH
PLAM	MILLWORK FINISH

ACCENT WALL DESIGNATION: XXX - XXX

FLOOR TRANSITION DESIGNATION: XXX - XXX

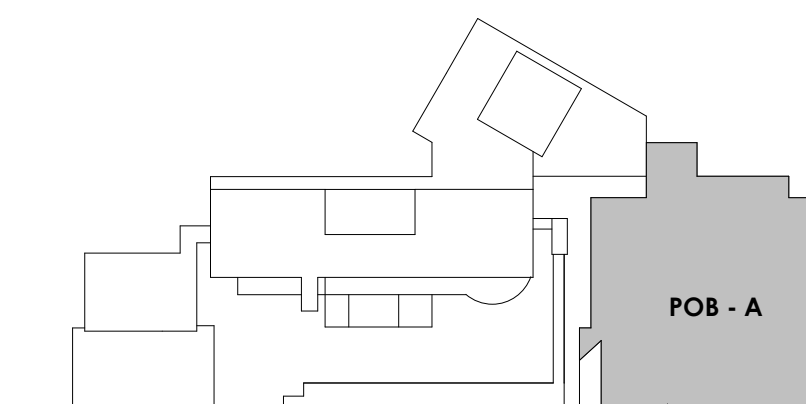
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CONTROL JOINT: (Dashed line symbol)

COLOR FINISH LEGEND

CPT-1	LVT-4
LVT-1	PFT-4
CPT-3	SC
CPT-4	
CPT-4, LVT-3	
CPT-6	
ETR	

KEY PLAN





Project Information:

19018

**COK PUBLIC SAFETY
COMPLEX**

900 East Oak Hill Ave, Knoxville, TN



Consultant:



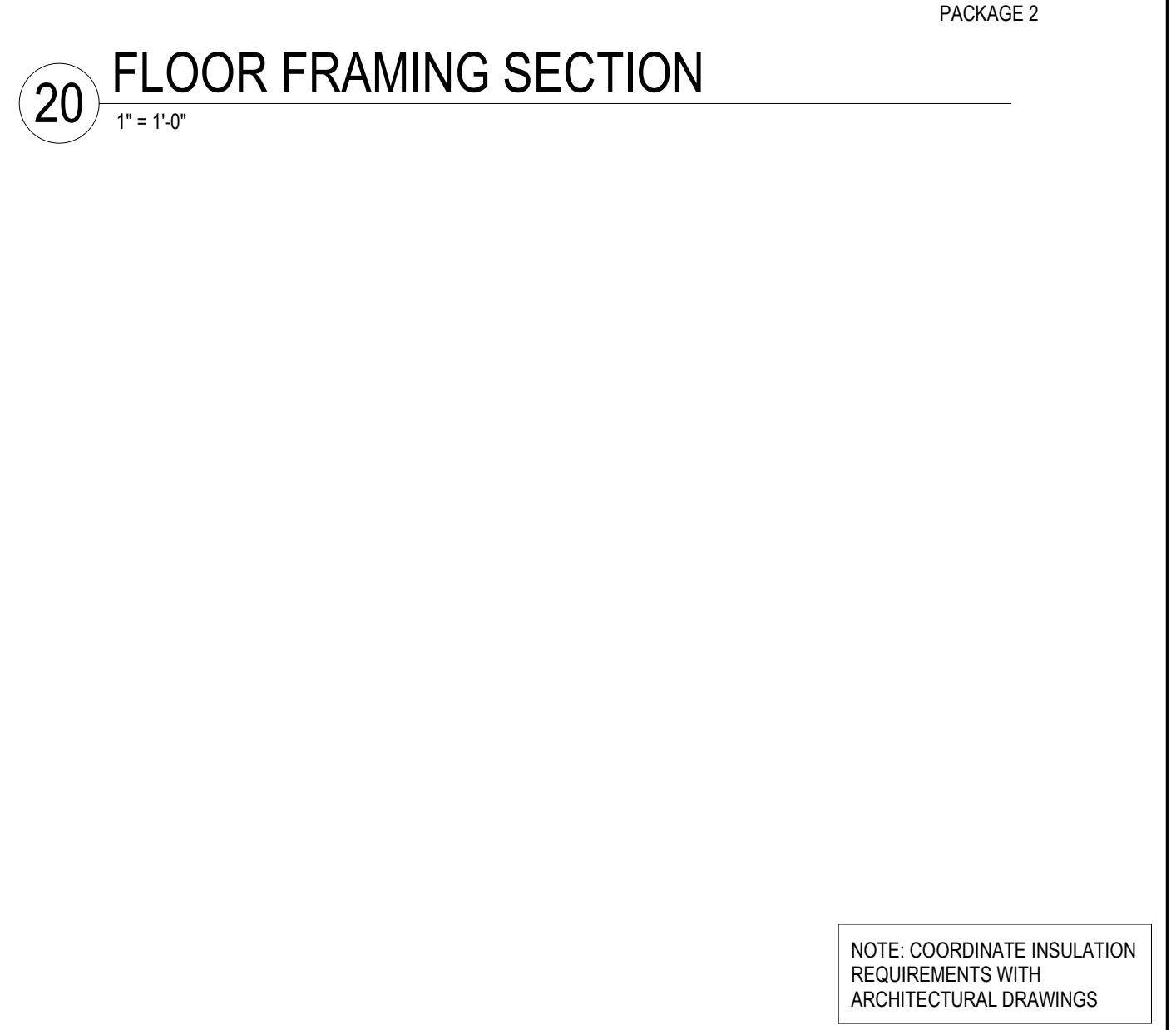
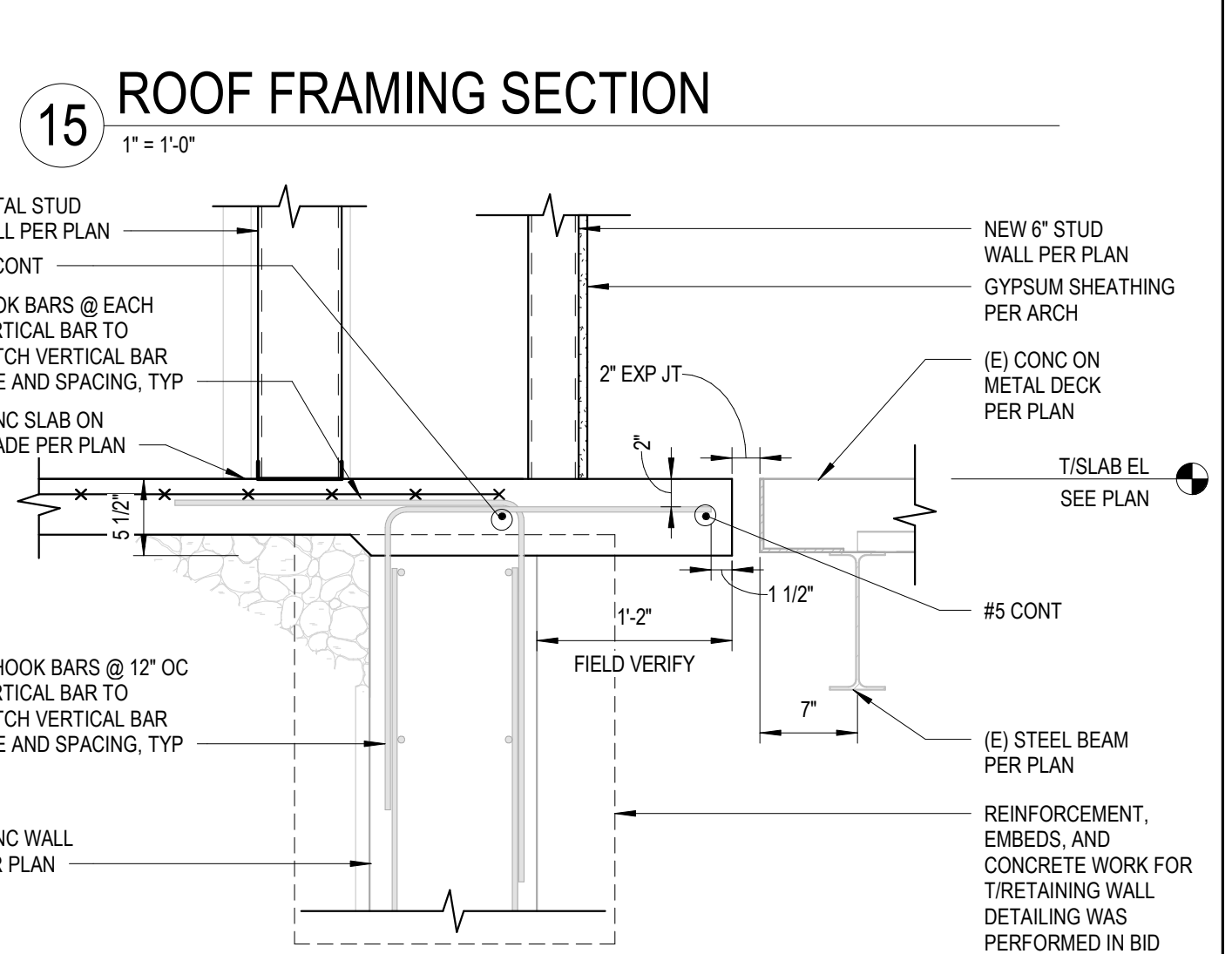
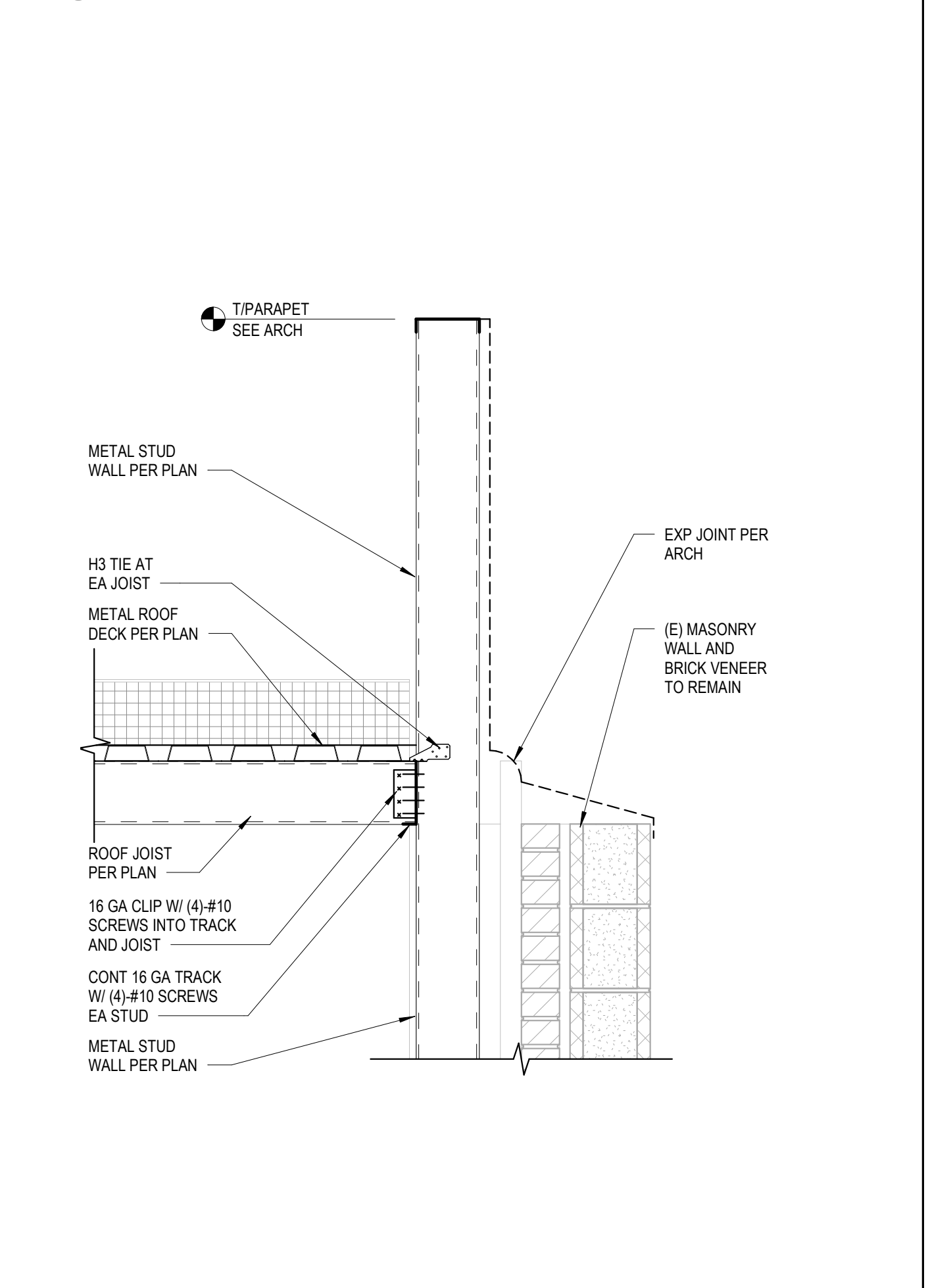
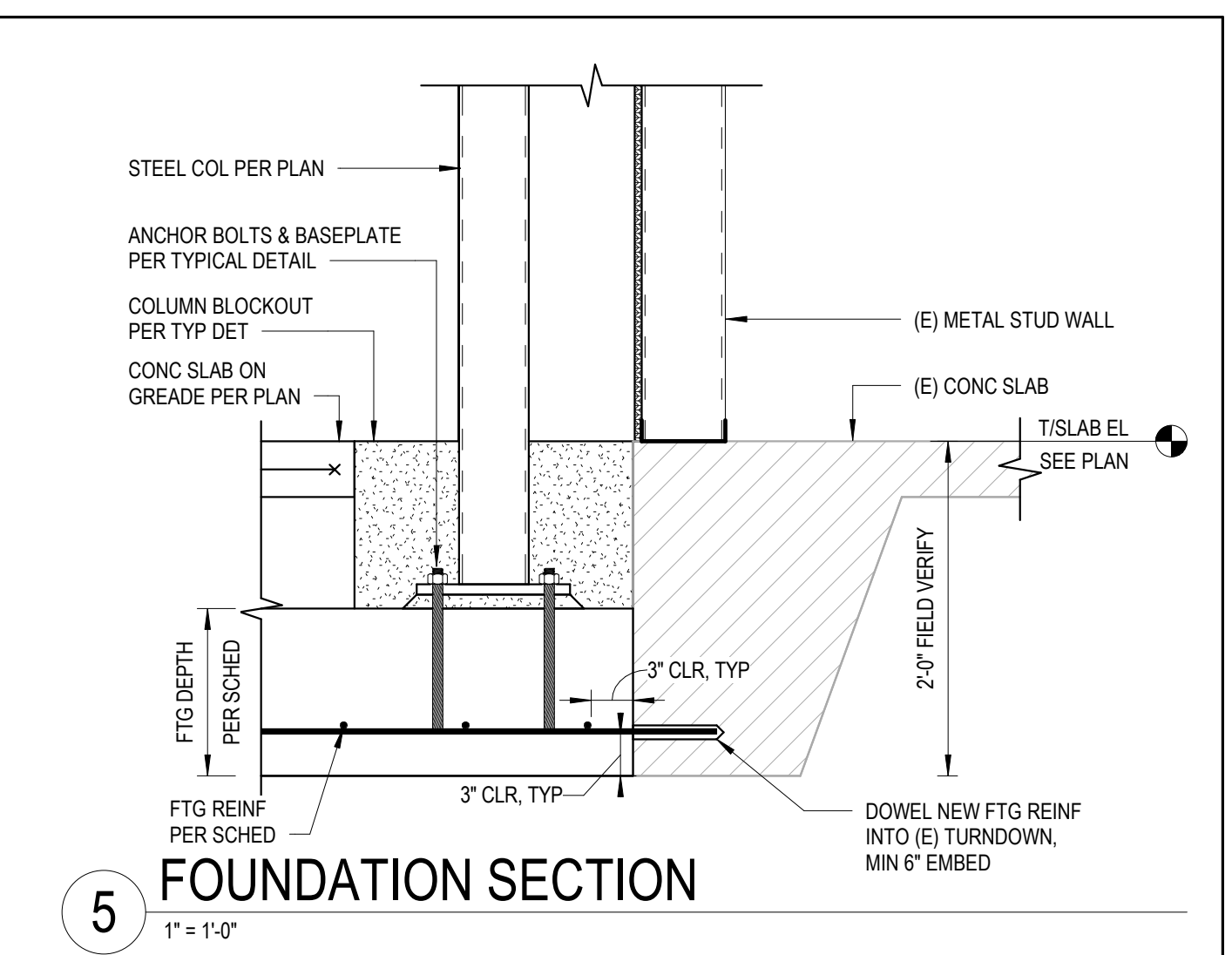
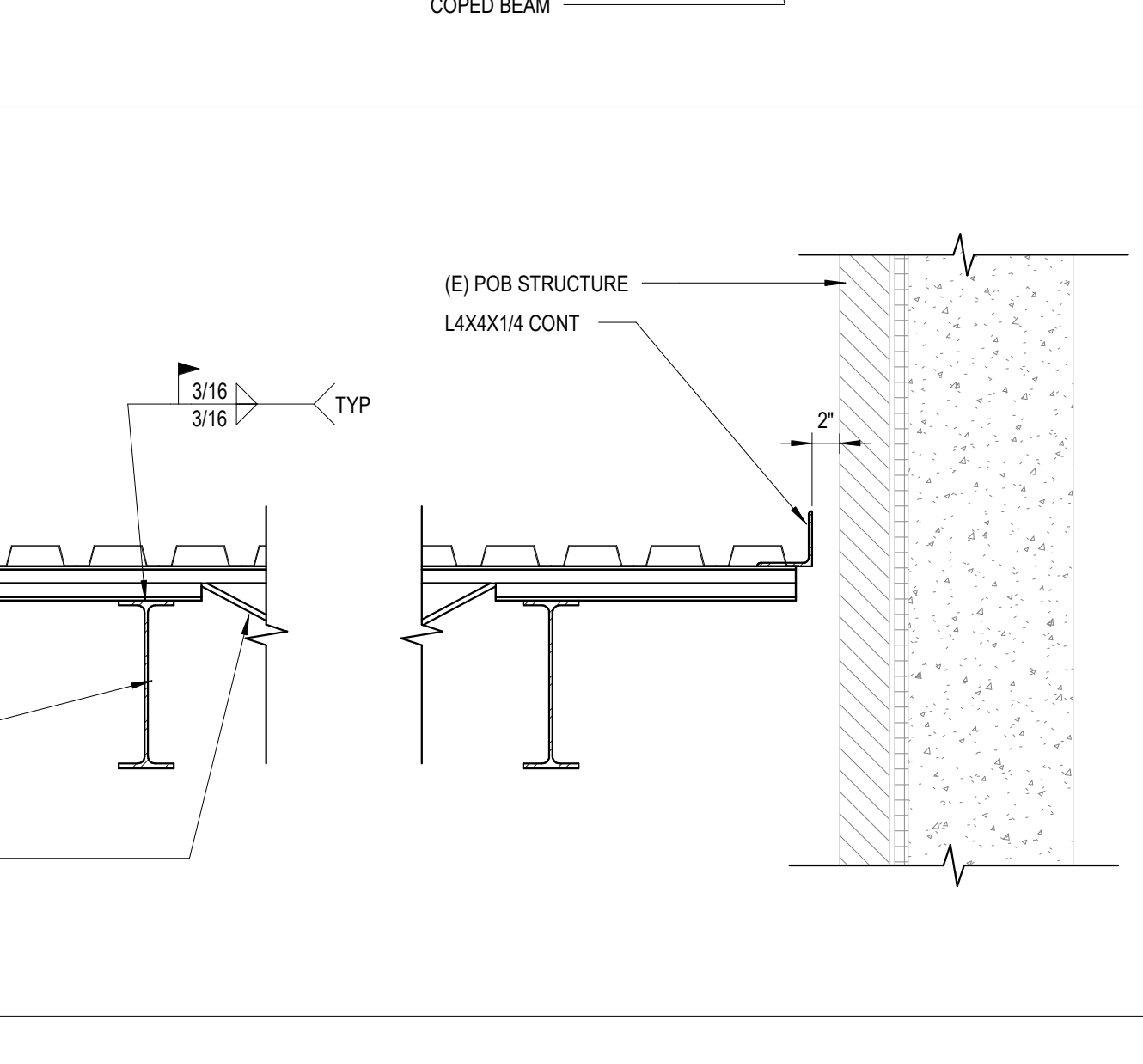
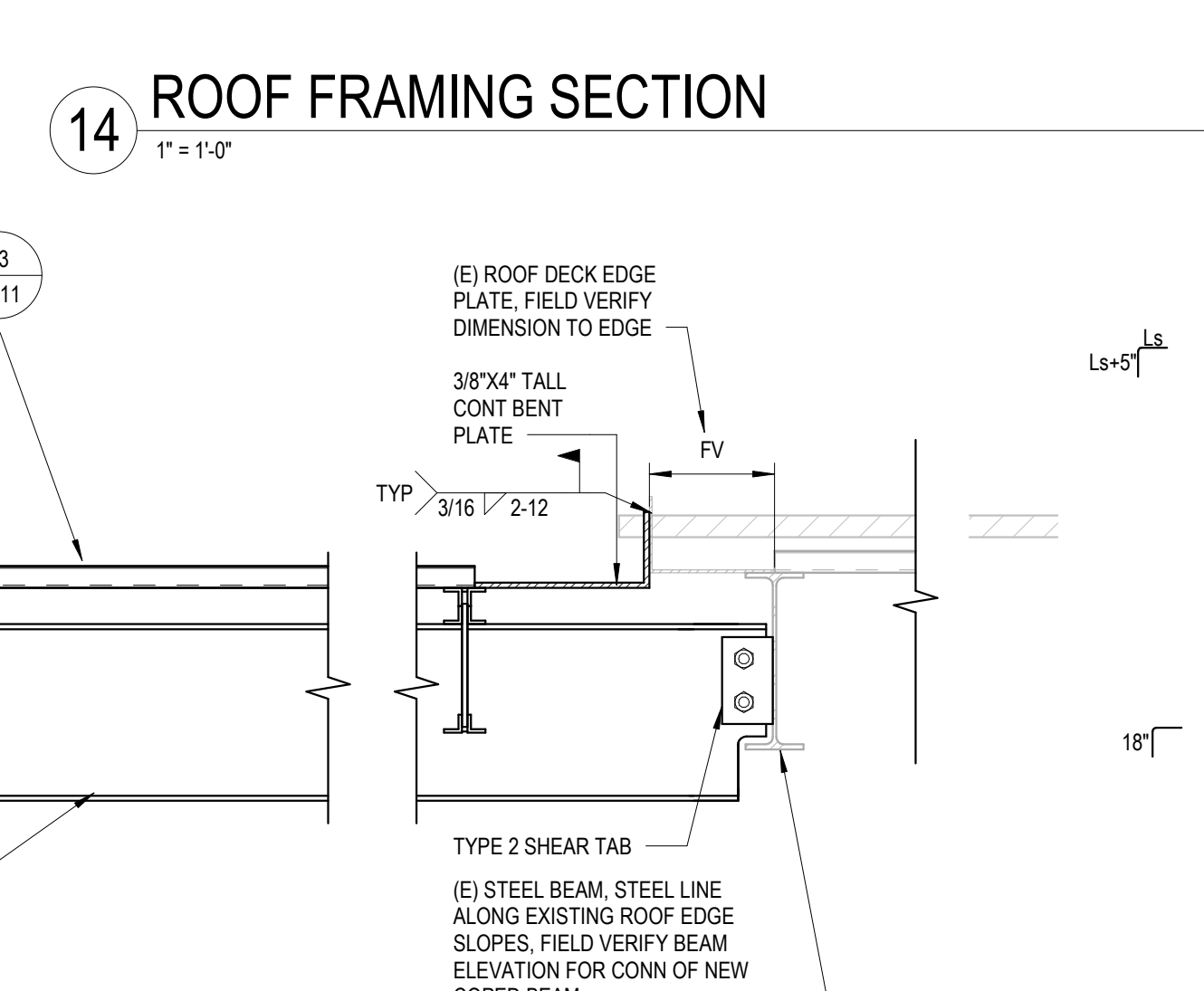
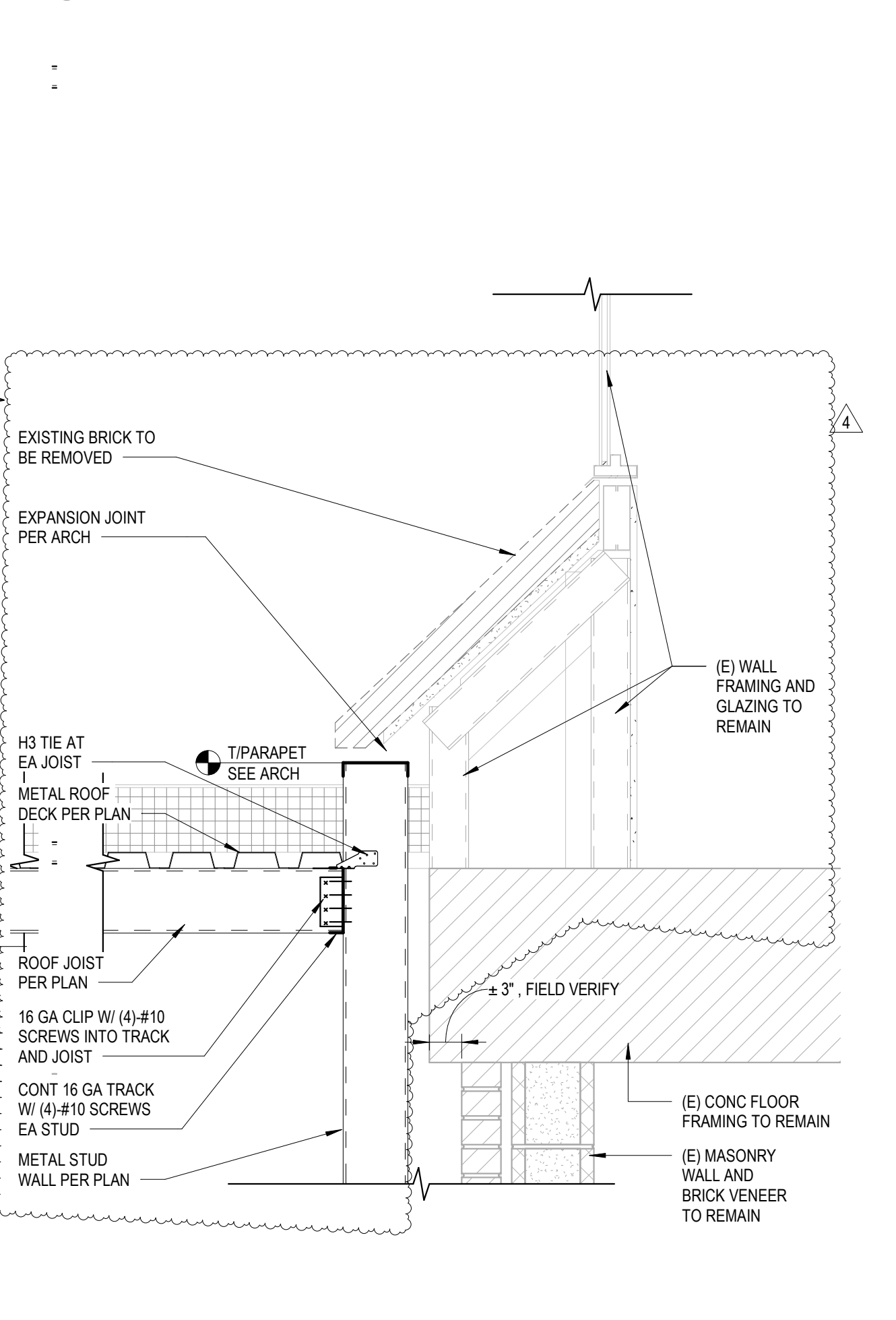
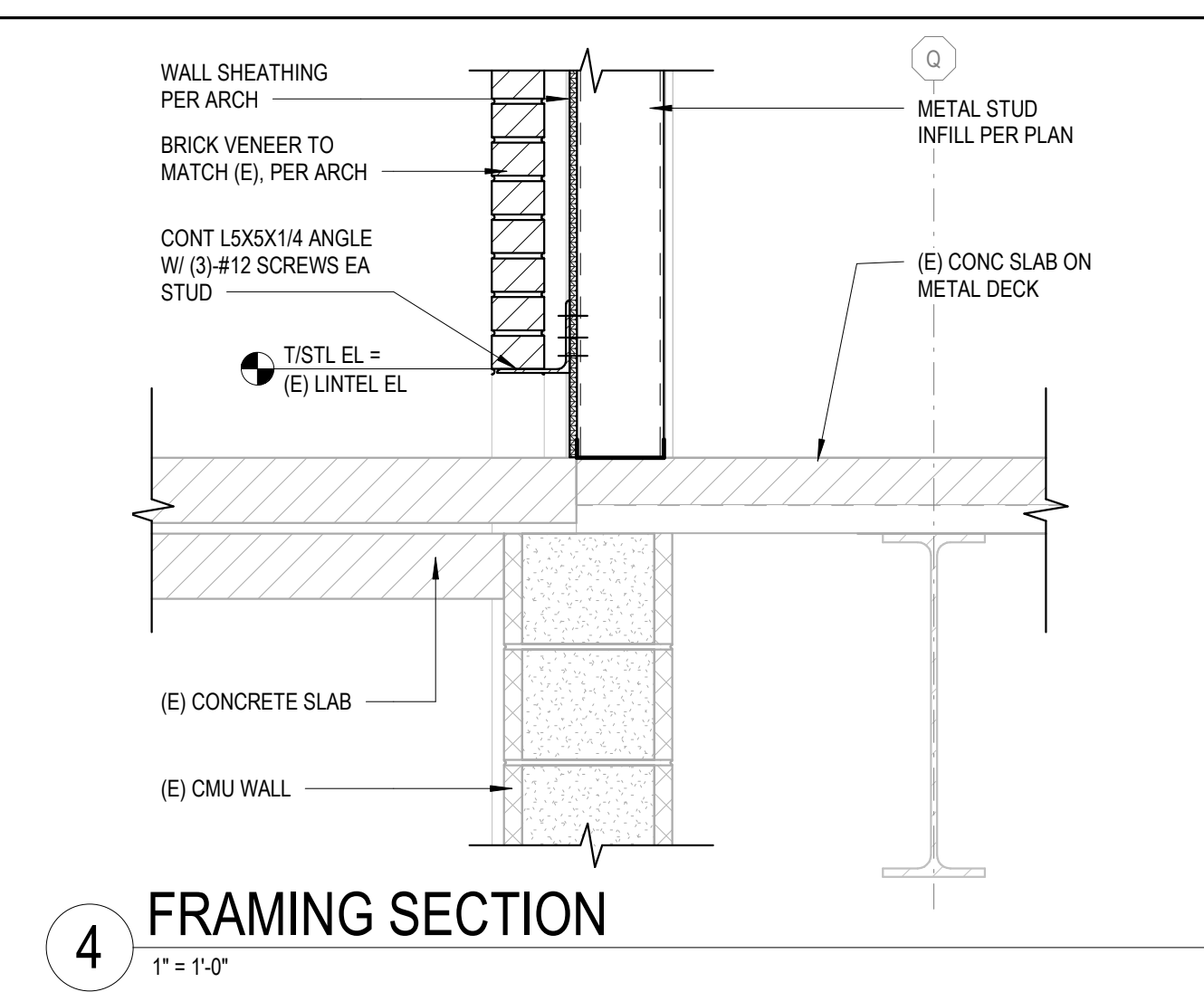
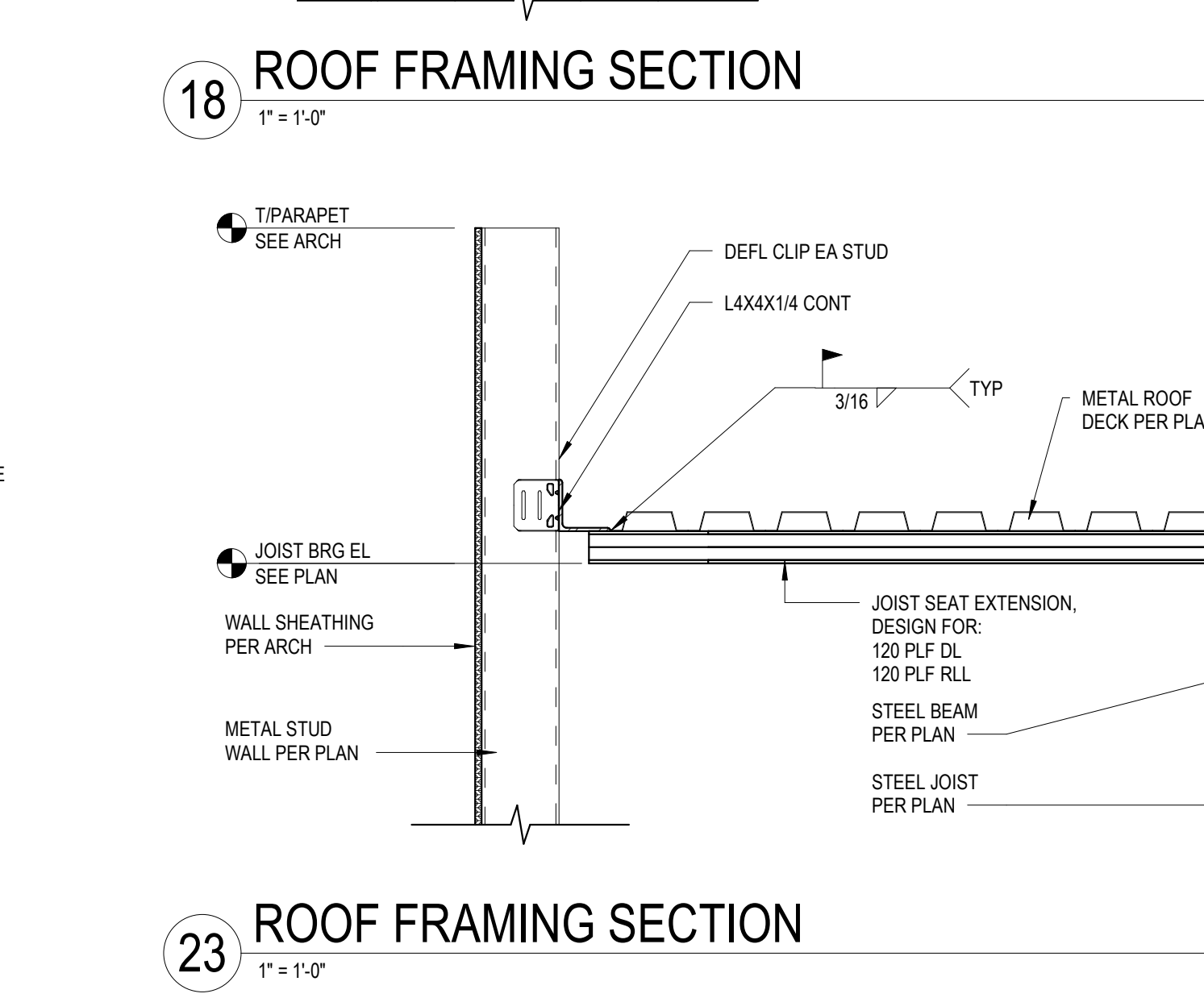
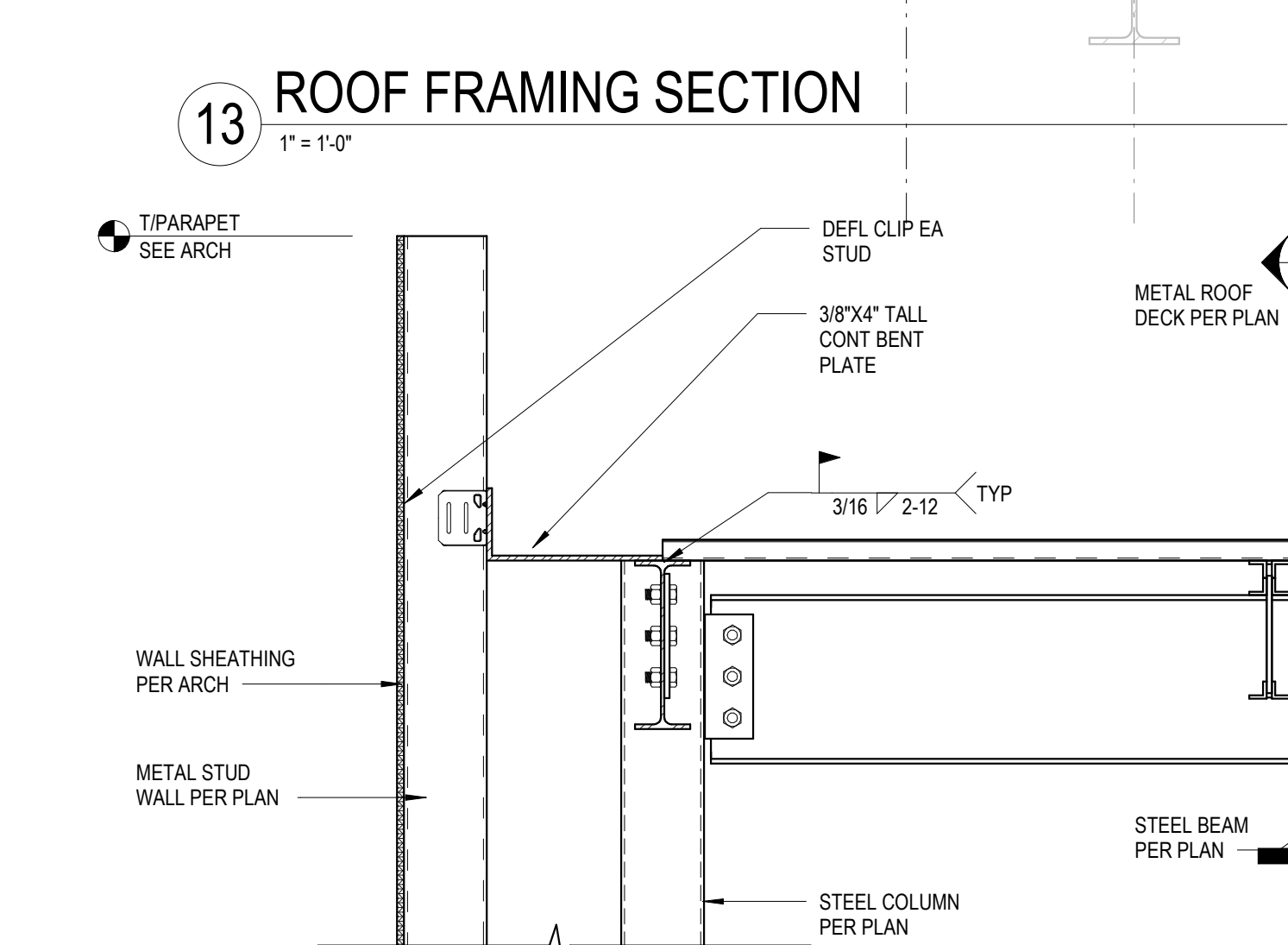
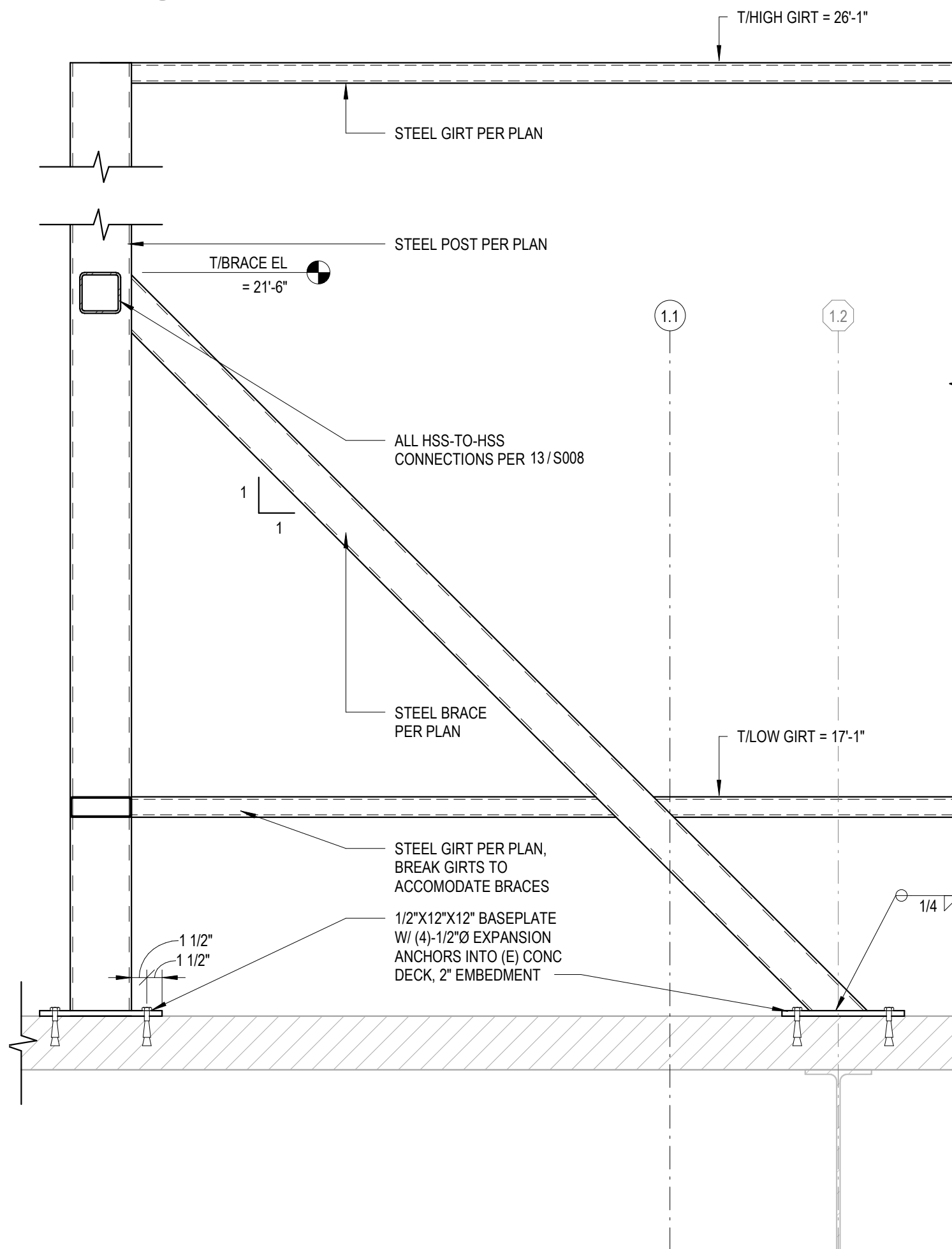
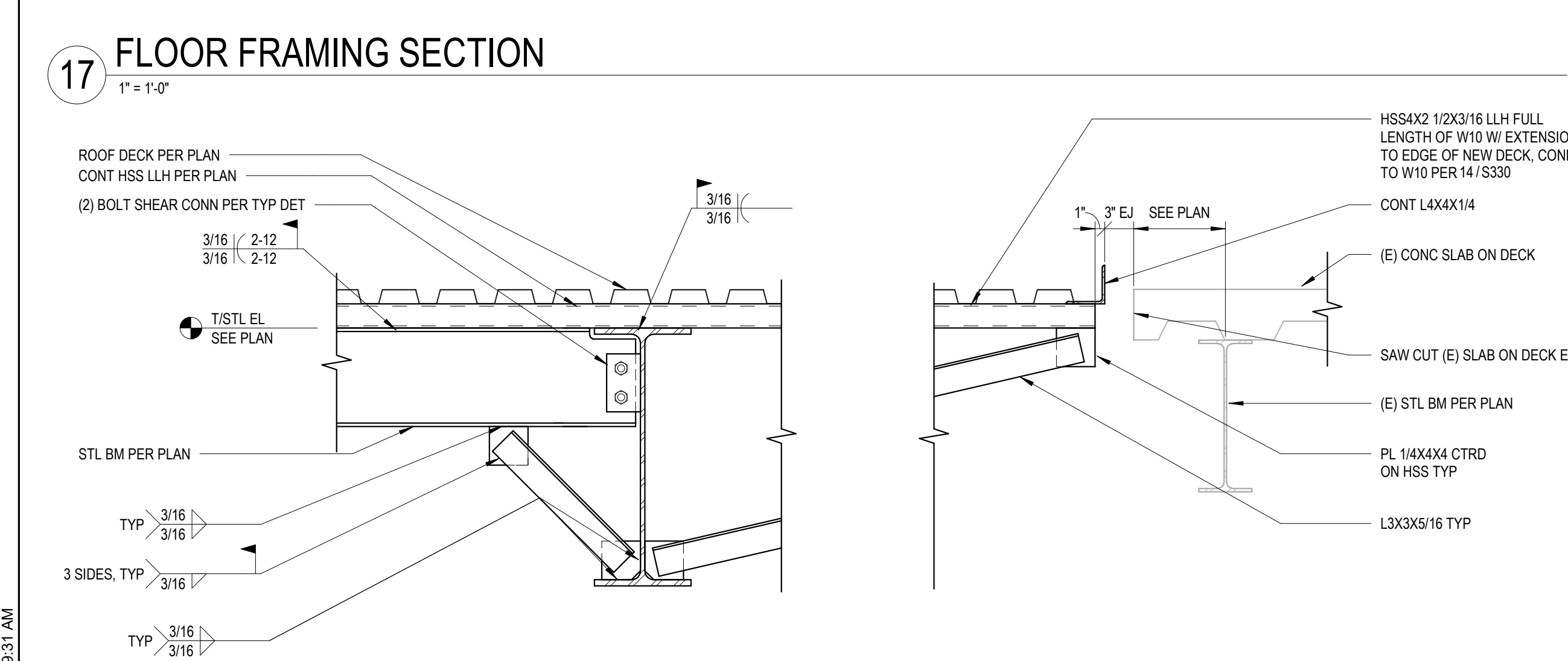
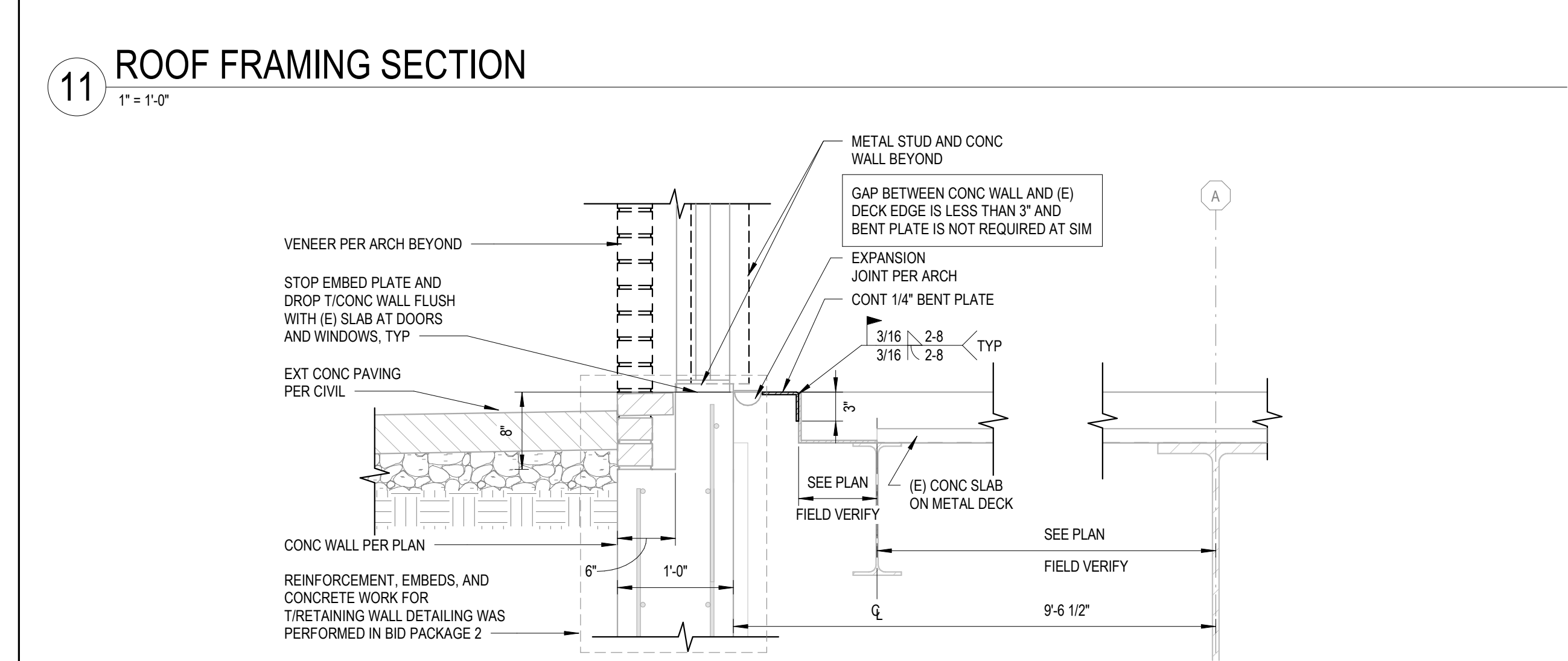
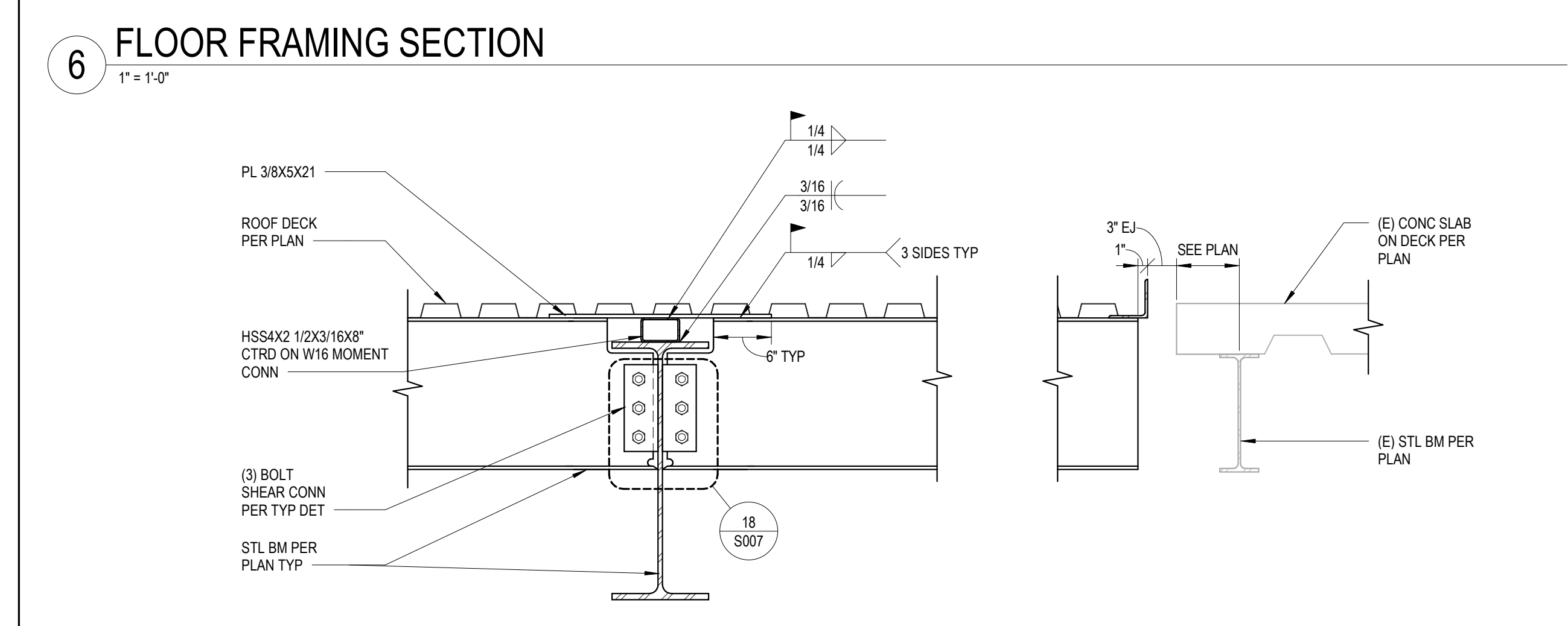
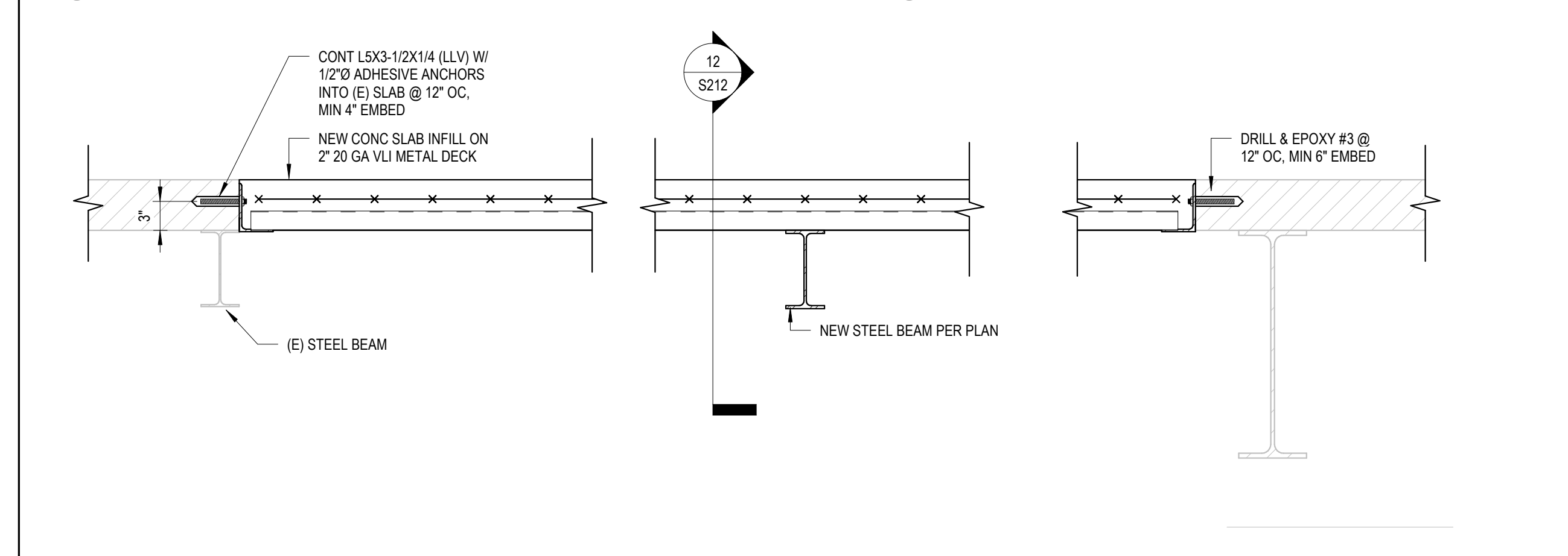
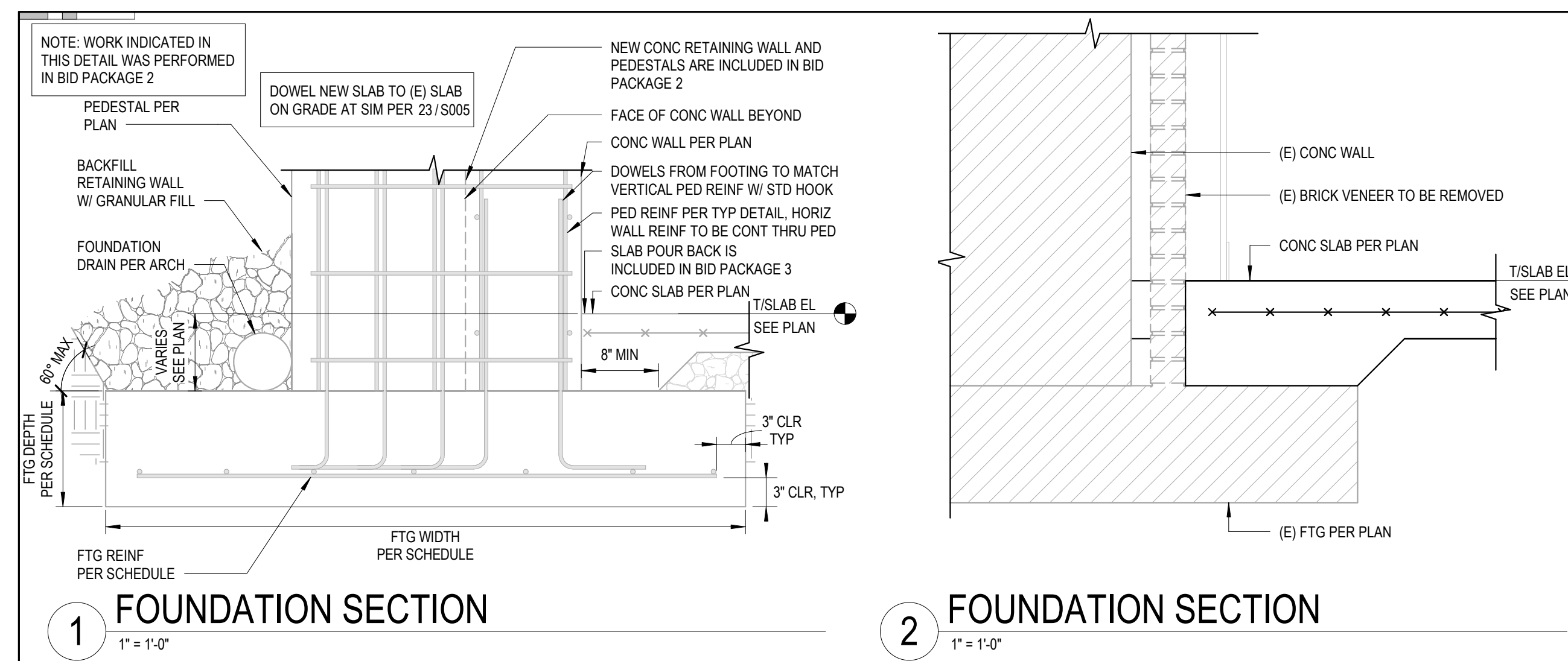
#	ISSUE	DATE
4	ADD #4.1	03/03/21

Issue Date:	02/01/21
PK:	
PM:	CSB
PA:	
Drawn By:	CWR
Checked By:	RAH

Drawing Info:

S211

CA - SECTIONS &
DETAILS



NOTE: COORDINATE INSULATION REQUIREMENTS WITH ARCHITECTURAL DRAWINGS



Project Information:

19018

**COK PUBLIC SAFETY
COMPLEX**

900 East Oak Hill Ave, Knoxville, TN



Consultant:



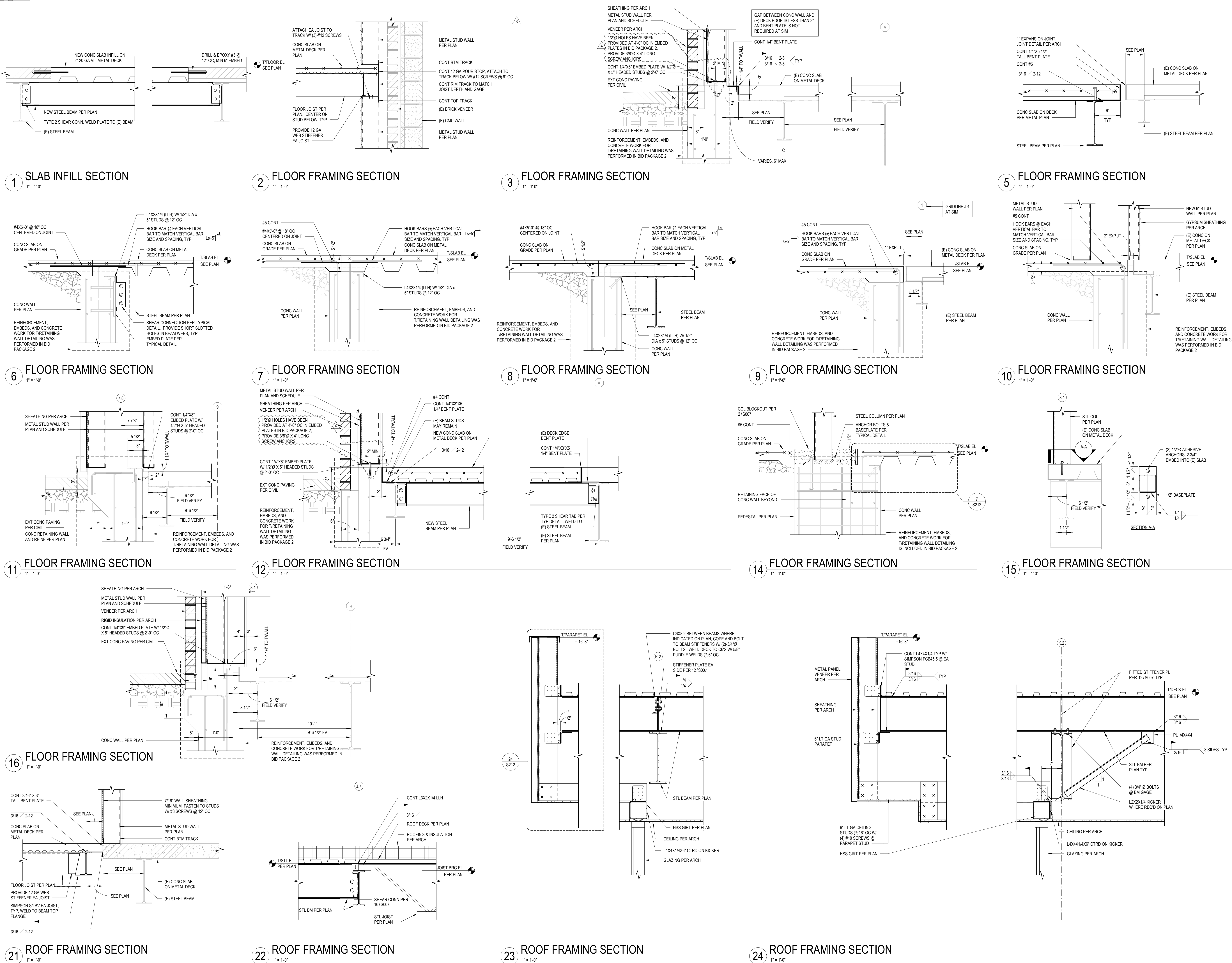
#	ISSUE	DATE
3	ADD #3.1	02/24/21
4	ADD #4.1	03/03/21

Issue Date: 02/01/21
PK: CSB
PM: CSB
PA: CWR
Drawn By: CWR
Checked By: RAH

Drawing Info:

S212

CA - SECTIONS &
DETAILS



3/3/2021 10:48:37 AM



Project Information:

19018

**COK PUBLIC SAFETY
COMPLEX**
900 East Oak Hill Ave, Knoxville, TN



Consultant:



#	ISSUE	DATE
4	ADD #4.1	03/03/21

Issue Date: 02/01/21

PK: CSB

PM: CSB

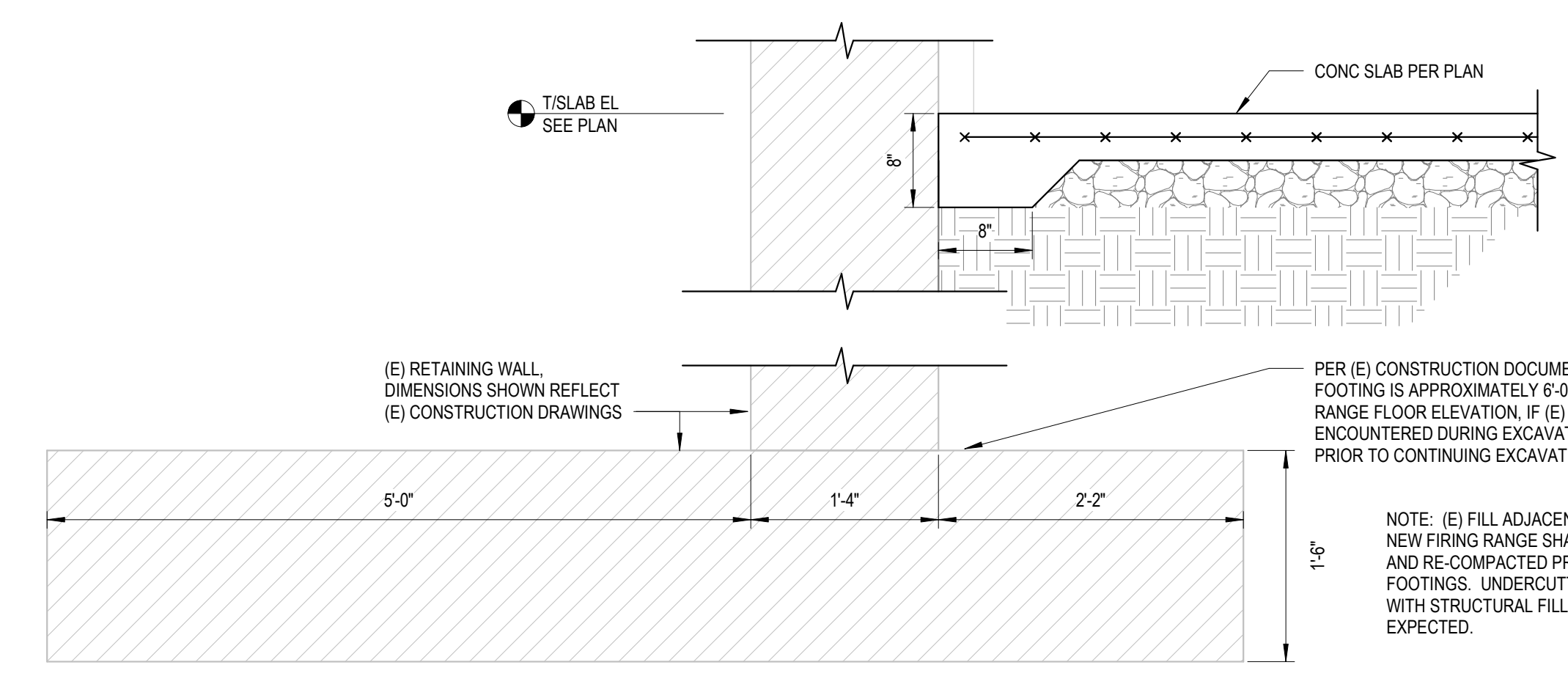
PA: CWR

Checked By: RAH

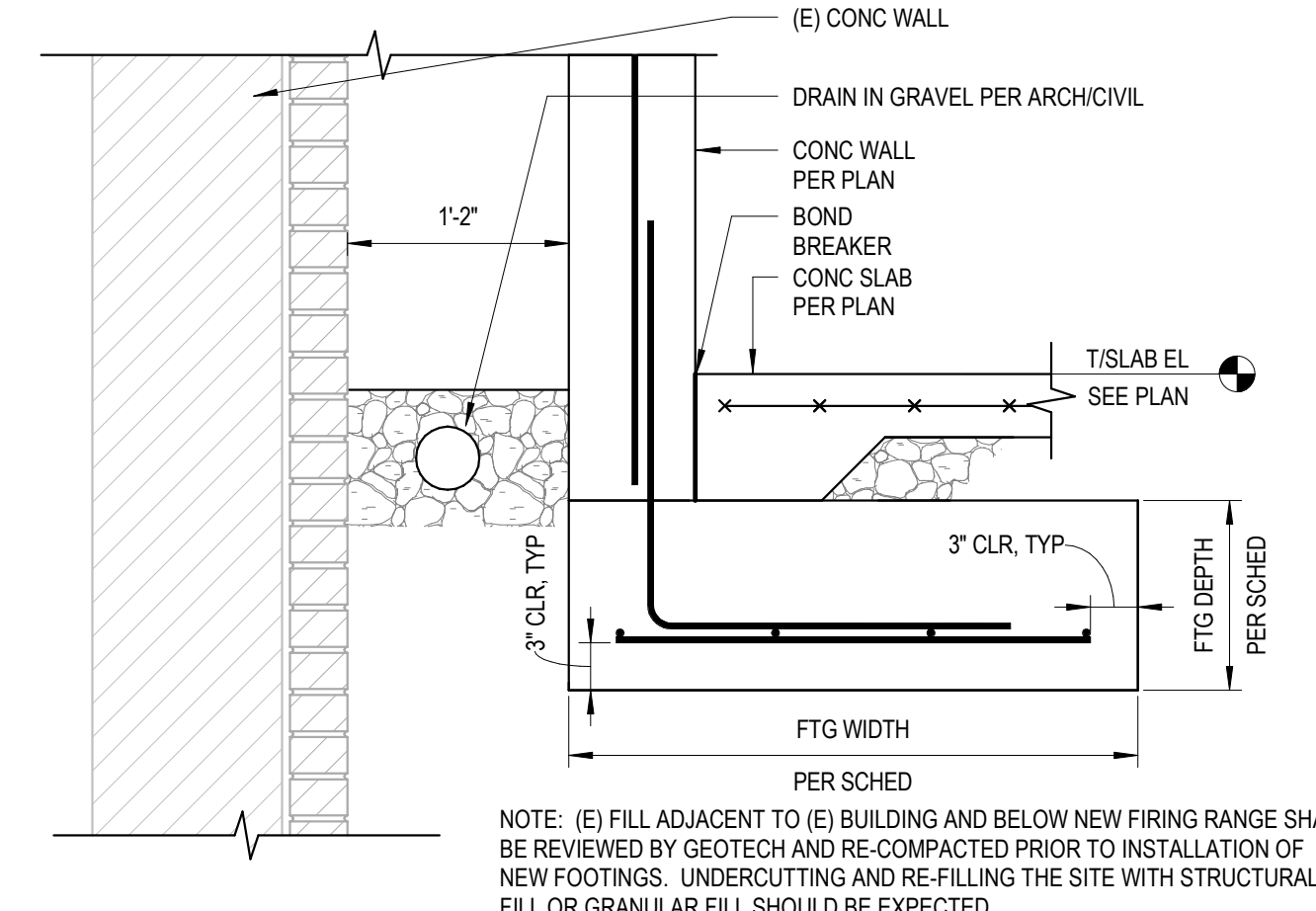
Drawing Info:

S230

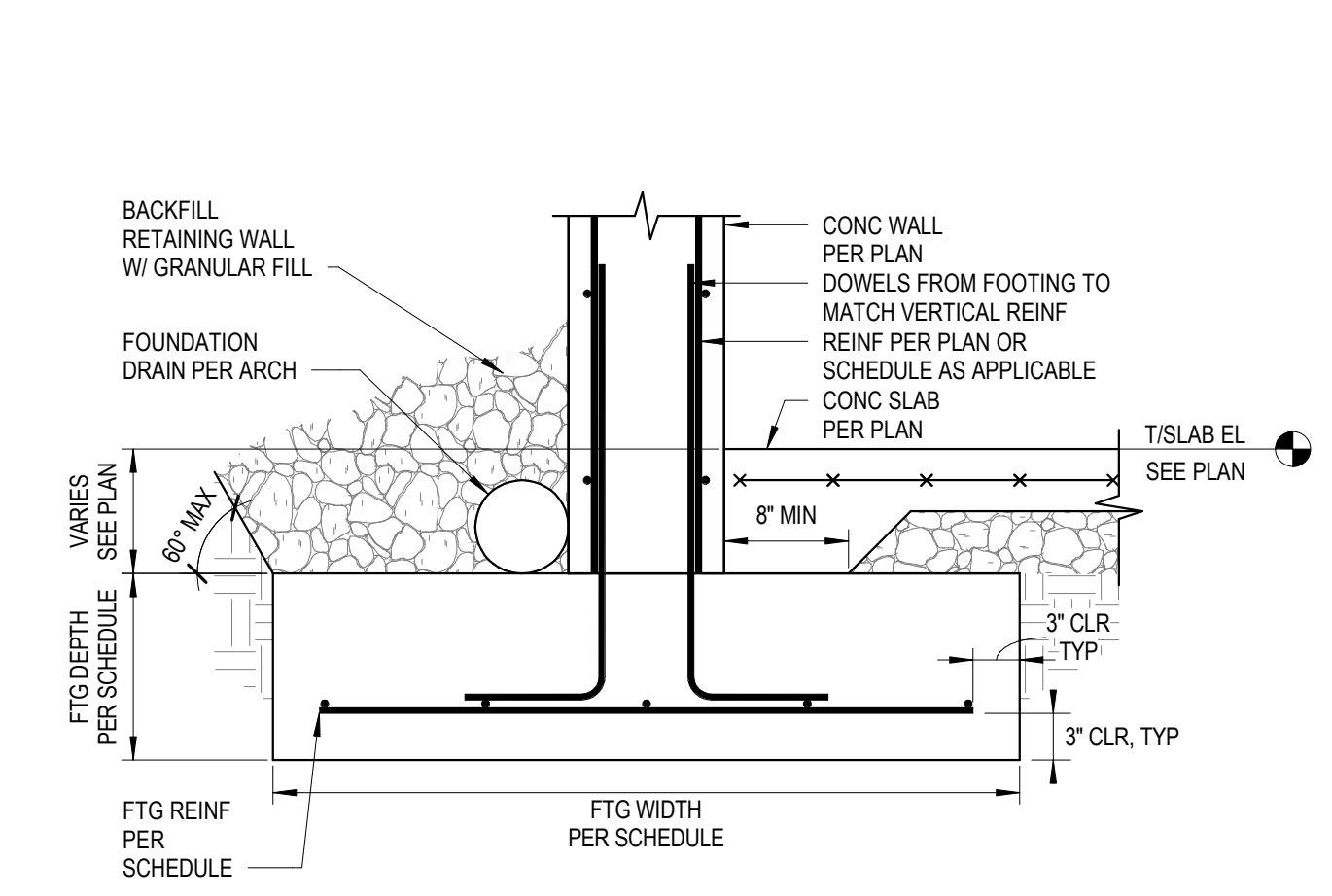
WP - SECTIONS &
DETAILS



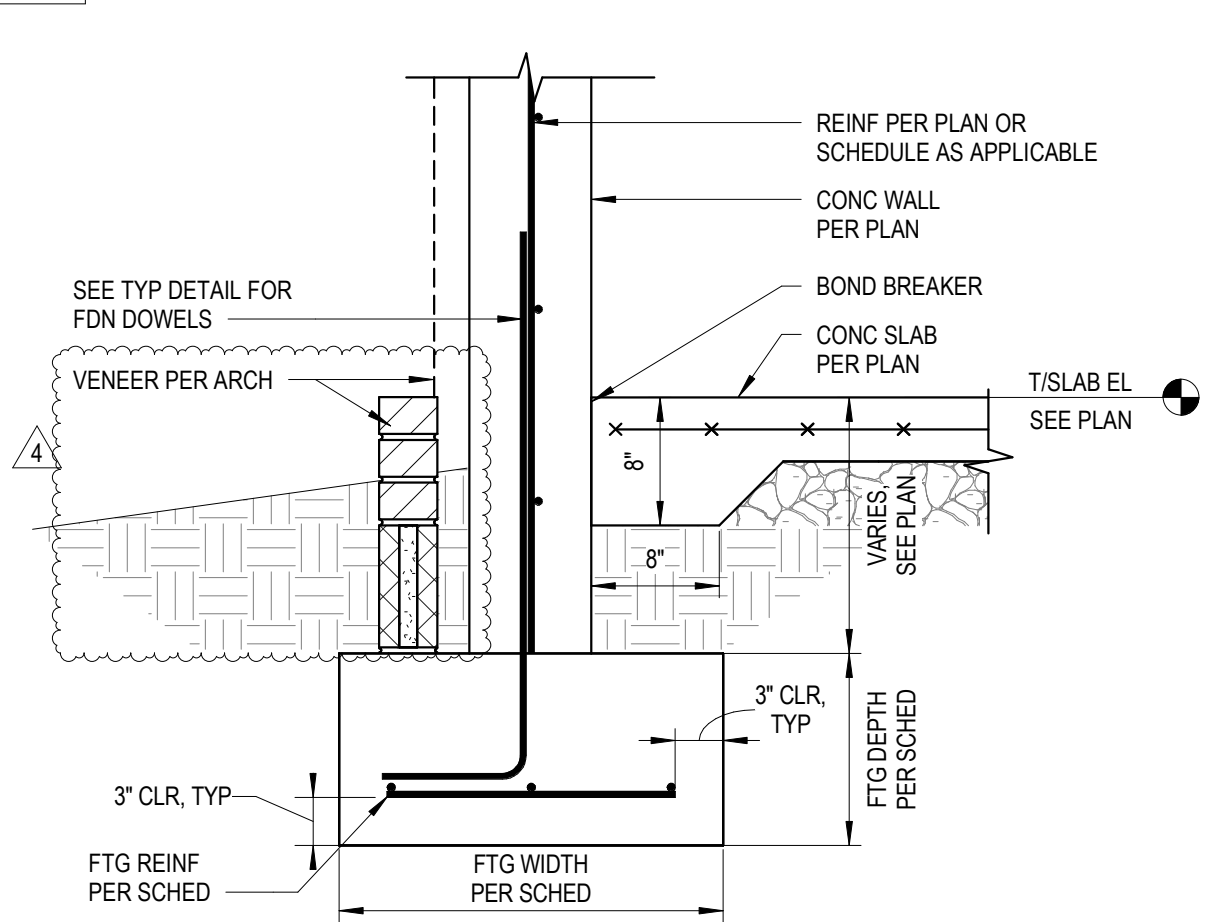
4 FOUNDATION SECTION
1" = 1'-0"



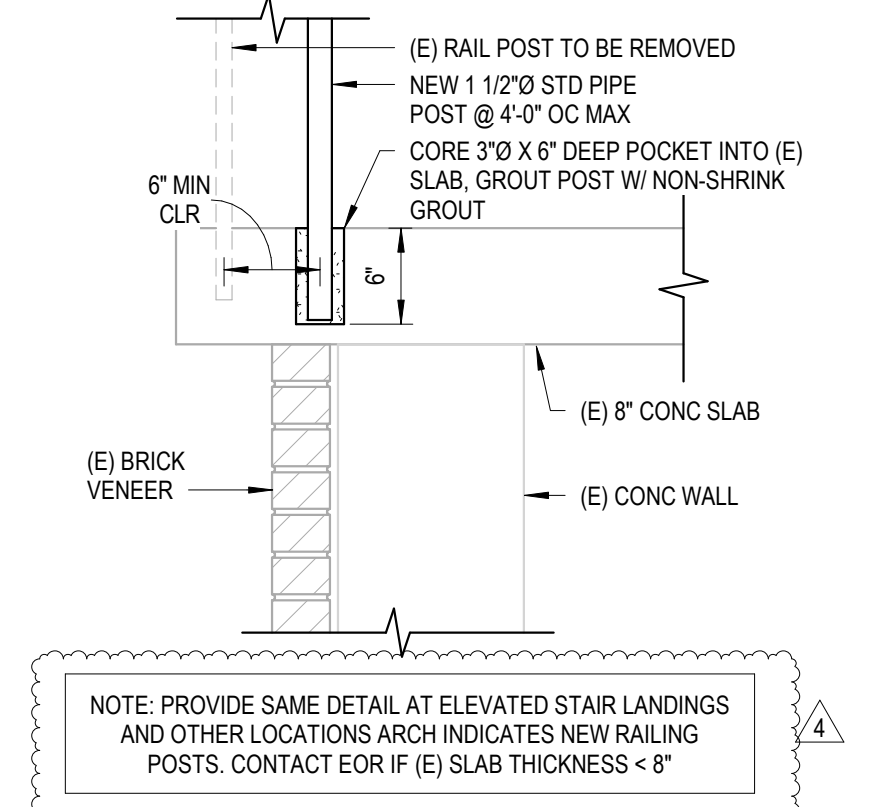
3 FOUNDATION SECTION
1" = 1'-0"



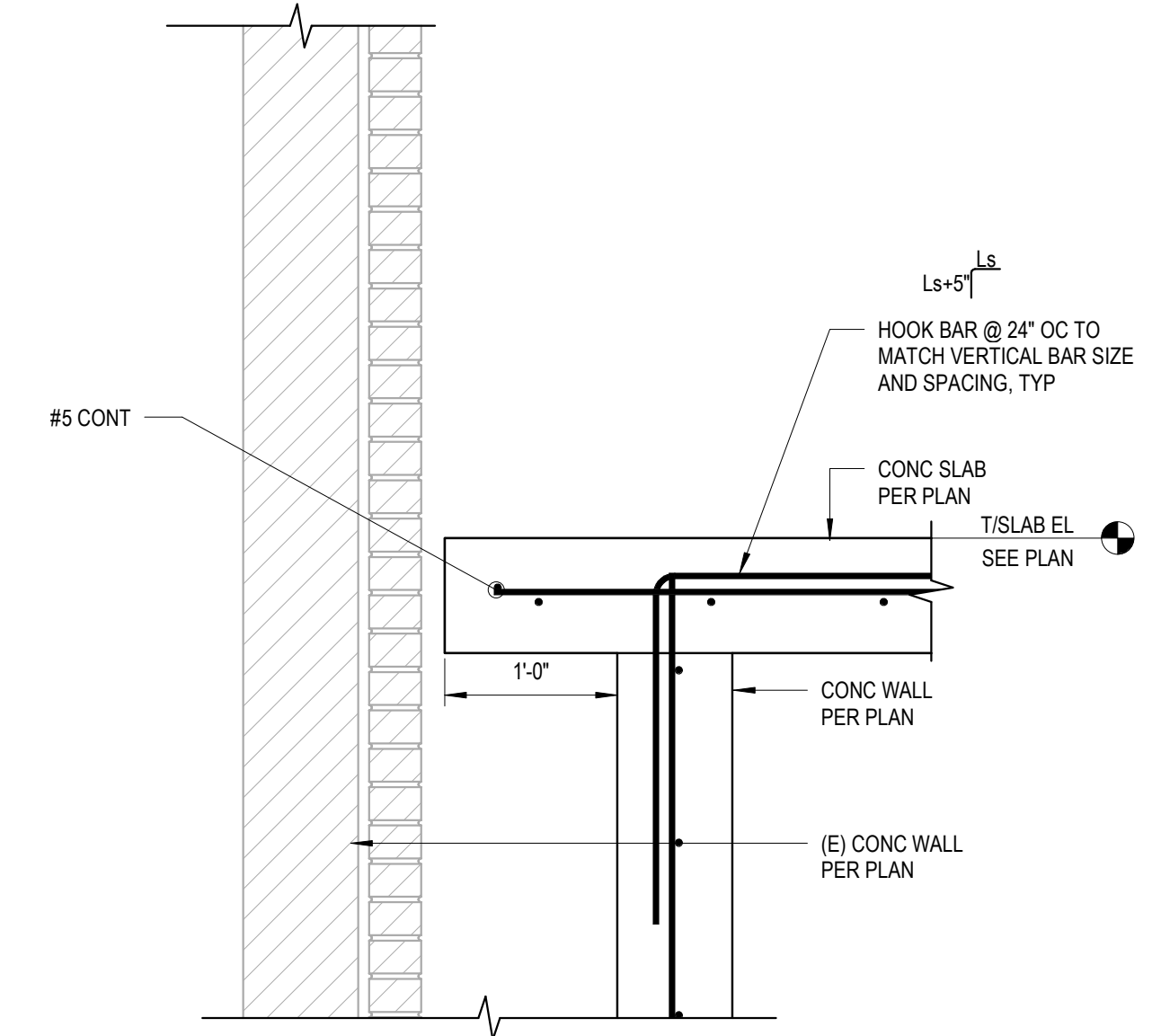
2 FOUNDATION SECTION
1" = 1'-0"



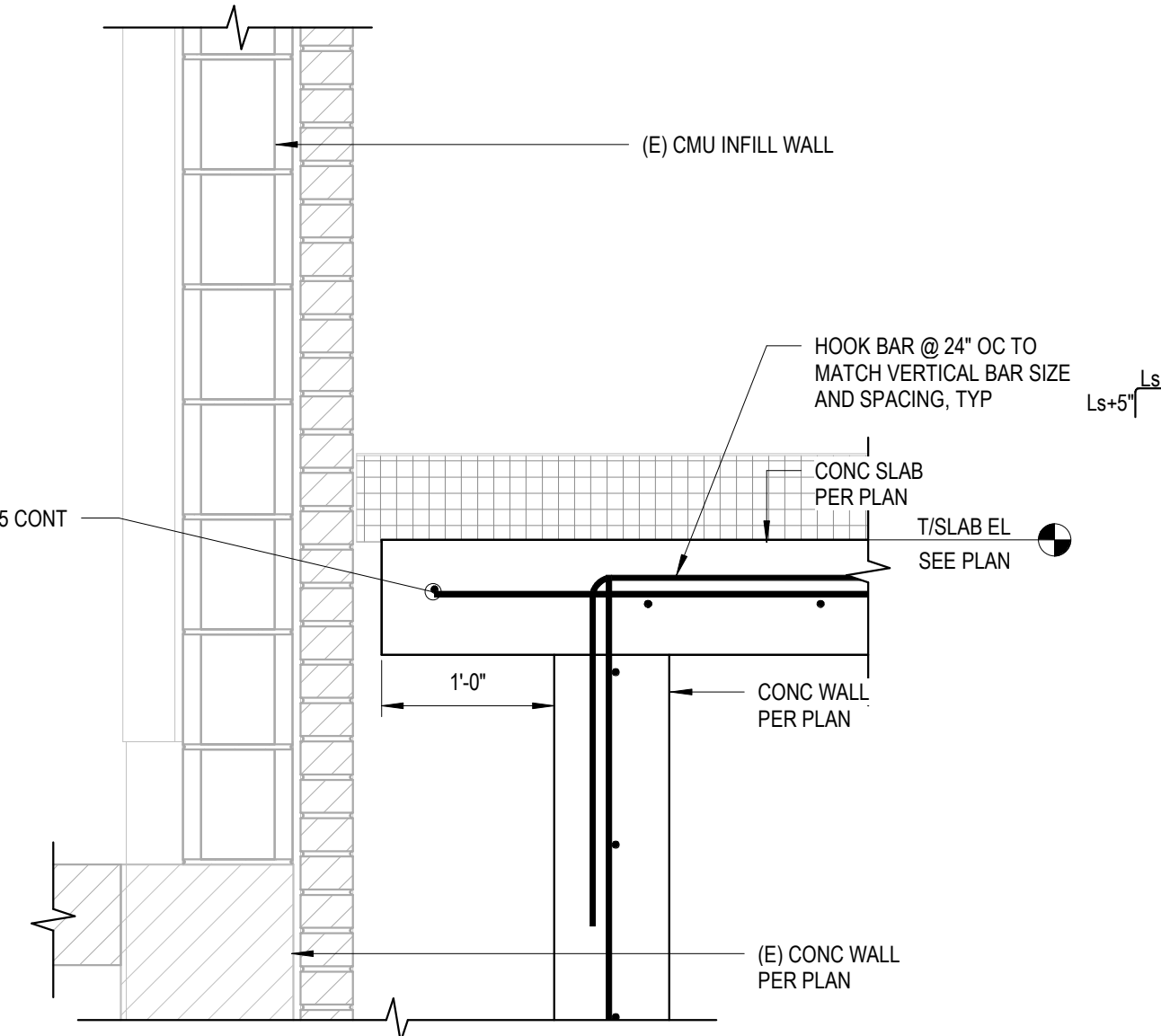
1 FOUNDATION SECTION
1" = 1'-0"



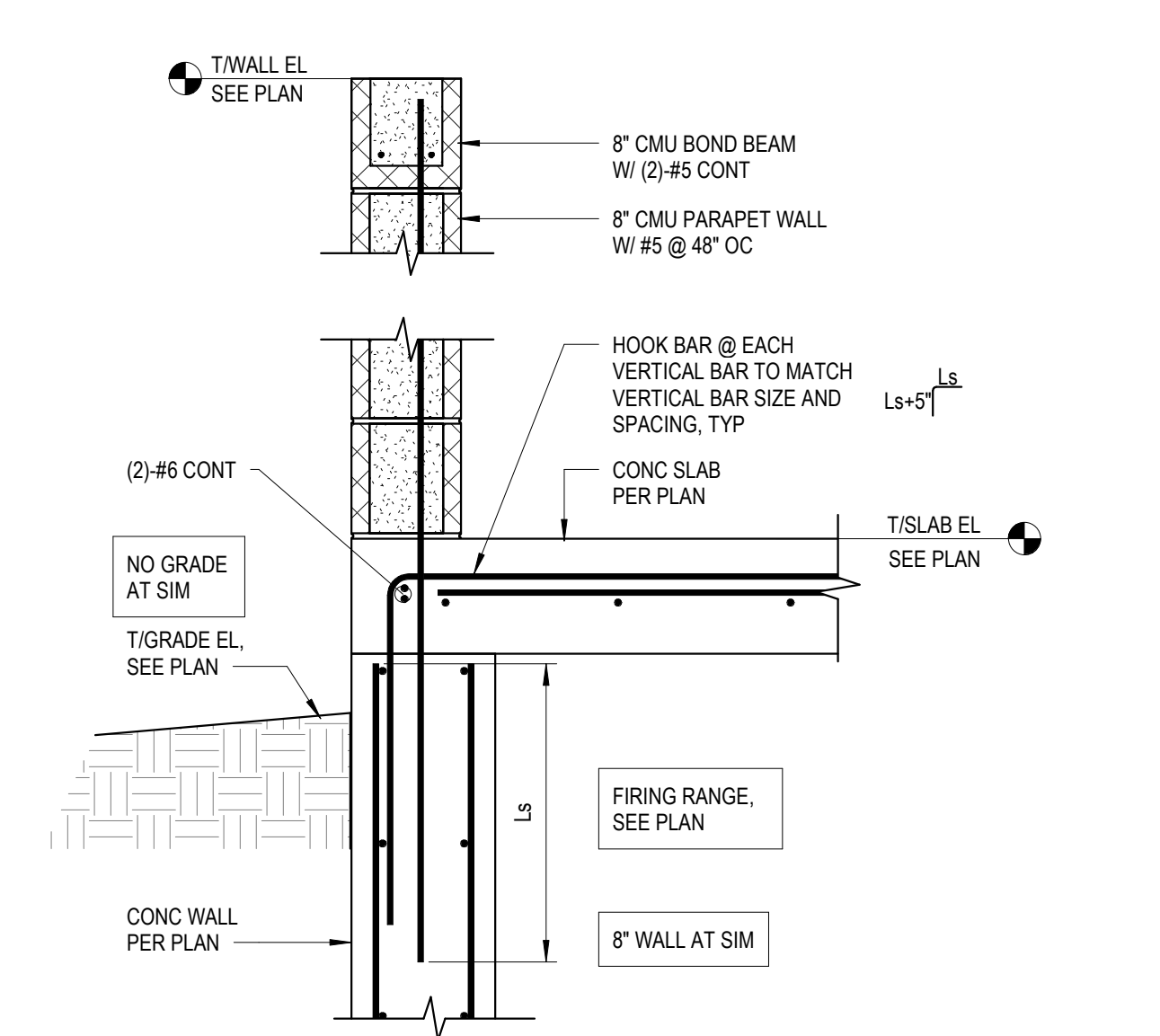
10 WP RAILING SECTION
1" = 1'-0"



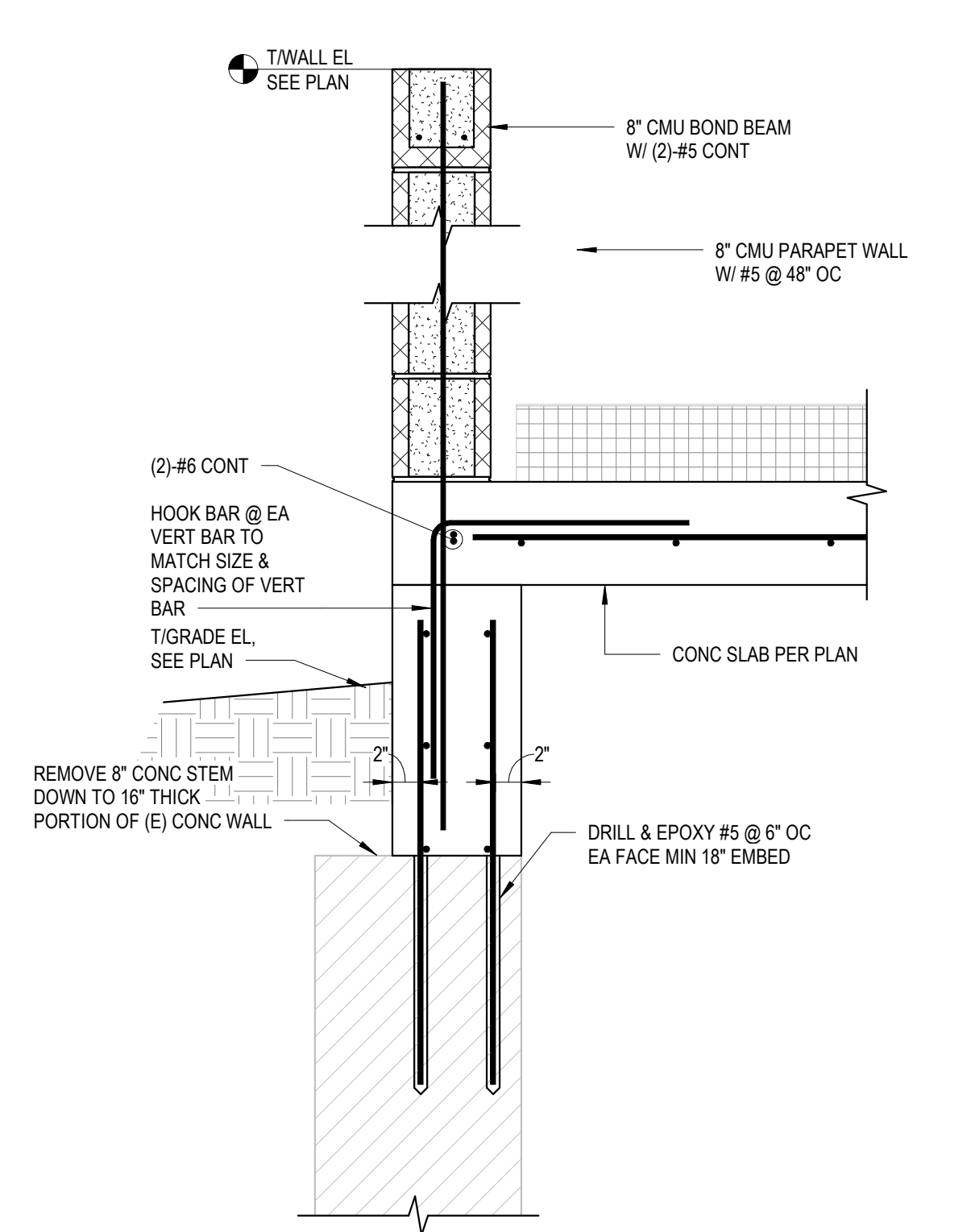
14 ROOF FRAMING SECTION
1" = 1'-0"



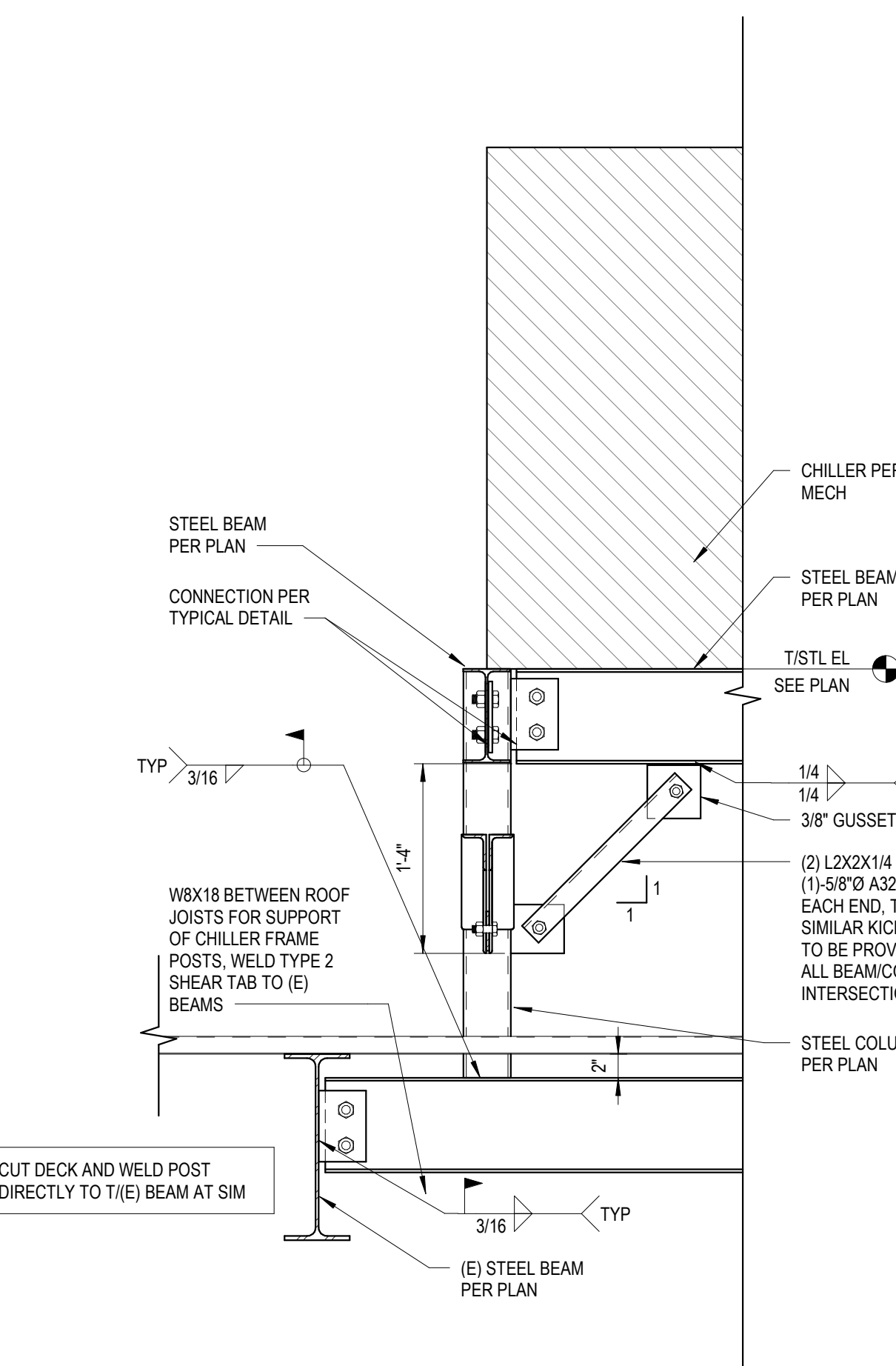
13 ROOF FRAMING SECTION
1" = 1'-0"



12 ROOF FRAMING SECTION
1" = 1'-0"



11 ROOF FRAMING SECTION
1" = 1'-0"

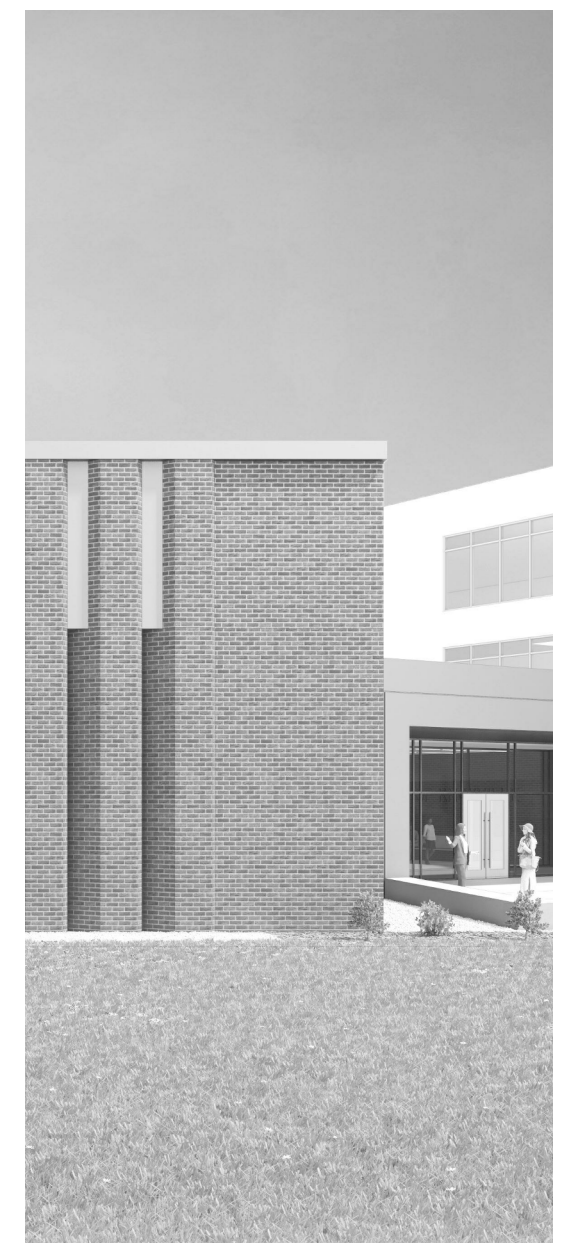


21 TYP CHILLER PLATFORM SECTION
1" = 1'-0"

DRAWING INDEX

DRAWING NUMBER	DRAWING DESCRIPTION	SHEET ISSUE DATE	REV NO.	REVISION TITLE	REV DATE
GENERAL FRONT END					
G000.2	COVERSHEET - VOLUME 2	02/01/21			
G003	SHEET LIST - VOLUME 2	02/01/21	4	ADD #04.1	03/03/21
MECHANICAL					
M001	GENERAL NOTES	02/01/21			
M002	SCHEDULES - CA	02/01/21			
M003	SCHEDULES - CA	02/01/21			
M004	SCHEDULES - CA	02/01/21			
M005	SCHEDULES - POB	02/01/21			
M006	SCHEDULES - POB	02/01/21			
M007	SCHEDULES - WP	02/01/21			
M008	SCHEDULES - WP	02/01/21			
M101	WP - FIRST LEVEL FLOOR PLAN - HVAC	02/01/21			
M102	WP - SECOND LEVEL FLOOR PLAN - HVAC	02/01/21			
M103	WP - THIRD LEVEL FLOOR PLAN - HVAC	02/01/21			
M104	WP - PENTHOUSE LEVEL FLOOR PLAN - HVAC	02/01/21			
M110.1	CA - LEVEL LL3 A FLOOR PLAN - HVAC	02/01/21	1	ADD 02.1	02/17/21
M110.2	CA - LEVEL LL3 B FLOOR PLAN - HVAC	02/01/21			
M110.3	CA - LEVEL LL3 C FLOOR PLAN - HVAC	02/01/21			
M111.1	CA - LEVEL LL2 A FLOOR PLAN - HVAC	02/01/21			
M111.2	CA - LEVEL LL2 B FLOOR PLAN - HVAC	02/01/21	2	ADD 04.1	03/03/21
M111.3	CA - LEVEL LL2 C FLOOR PLAN - HVAC	02/01/21			
M112.1	CA - LEVEL LL1 A FLOOR PLAN - HVAC	02/01/21	1	ADD 02.1	02/17/21
M112.2	CA - LEVEL LL1 B FLOOR PLAN - HVAC	02/01/21			
M112.3	CA - LEVEL LL1 C FLOOR PLAN - HVAC	02/01/21			
M113.1	CA - LEVEL GROUND A FLOOR PLAN - HVAC	02/01/21			
M113.2	CA - LEVEL GROUND B FLOOR PLAN - HVAC	02/01/21	1	ADD 02.1	02/17/21
M114	CA - OVERALL PENTHOUSE LEVEL FLOOR PLAN - HVAC	02/01/21			
M120.1	PARKING LEVEL P1 A - HVAC	02/01/21	1	ADD 02.1	02/17/21
M120.2	PARKING LEVEL P1 B - HVAC	02/01/21			
M121.1	PARKING LEVEL P2 A - HVAC	02/01/21	2	ADD 04.1	03/04/21
M121.2	PARKING LEVEL P2 B - HVAC	02/01/21			
M121.3	PARKING LEVEL P2 C - HVAC	02/01/21			
M124	OFFICE LEVEL 5 FLOOR PLAN - HVAC	02/01/21	1	ADD 02.1	02/17/21
M125	OFFICE LEVEL 6 FLOOR PLAN - HVAC	02/01/21			
M126	OFFICE LEVEL 7 FLOOR PLAN - HVAC	02/01/21	1	ADD 02.1	02/17/21
M127	OFFICE LEVEL 8 FLOOR PLAN - HVAC	02/01/21			
M128	PENTHOUSE - HVAC	02/01/21			
M201	WP - FIRST LEVEL FLOOR PLAN - PIPING	02/01/21	2	Addendum #04.1	03/03/21
M202	WP - SECOND LEVEL FLOOR PLAN - PIPING	02/01/21			
M203	WP - THIRD LEVEL FLOOR PLAN - PIPING	02/01/21			
M204	WP - PENTHOUSE LEVEL FLOOR PLAN - PIPING	02/01/21			
M210.1	CA - LEVEL LL3 A FLOOR PLAN - PIPING	02/01/21			
M210.2	CA - LEVEL LL3 B FLOOR PLAN - PIPING	02/01/21			
M210.3	CA - LEVEL LL3 C FLOOR PLAN - PIPING	02/01/21			
M211.1	CA - LEVEL LL2 A FLOOR PLAN - PIPING	02/01/21			
M211.2	CA - LEVEL LL2 B FLOOR PLAN - PIPING	02/01/21			
M211.3	CA - LEVEL LL2 C FLOOR PLAN - PIPING	02/01/21			
M212.1	CA - LEVEL LL1 A FLOOR PLAN - PIPING	02/01/21			
M212.2	CA - LEVEL LL1 B FLOOR PLAN - PIPING	02/01/21			
M212.3	CA - LEVEL LL1 C FLOOR PLAN - PIPING	02/01/21			
M213.1	CA - LEVEL GROUND A FLOOR PLAN - PIPING	02/01/21			
M213.2	CA - LEVEL GROUND B FLOOR PLAN - PIPING	02/01/21			
M214	CA - OVERALL PENTHOUSE LEVEL FLOOR PLAN - PIPING	02/01/21			
M220.1	PARKING LEVEL P1 A - PIPING	02/01/21			
M220.2	PARKING LEVEL P1 B - PIPING	02/01/21			
M221.1	PARKING LEVEL P2 A - PIPING	02/01/21			
M221.2	PARKING LEVEL P2 B - PIPING	02/01/21			
M221.3	PARKING LEVEL P2 C - PIPING	02/01/21			
M224	OFFICE LEVEL 5 FLOOR PLAN - PIPING	02/01/21	1	ADD 02.1	02/17/21
M225	OFFICE LEVEL 6 FLOOR PLAN - PIPING	02/01/21	1	ADD 02.1	02/17/21
M226	OFFICE LEVEL 7 FLOOR PLAN - PIPING	02/01/21	1	ADD 02.1	02/17/21
M227	OFFICE LEVEL 8 FLOOR PLAN - PIPING	02/01/21	1	ADD 02.1	02/17/21
M228	PENTHOUSE - PIPING	02/01/21	1	ADD 02.1	02/17/21
M301	SECTION VIEWS	02/01/21			
M302	WP - SECTION VIEWS	02/01/21			
M303	WP - SECTION VIEWS	02/01/21			
M304	POB SECTION VIEWS	02/01/21			
M401	DETAILS	02/01/21			
M402	DETAILS	02/01/21			
M403	DETAILS	02/01/21			
M404	DETAILS	02/01/21			
M405	DETAILS	02/01/21			
M406	DETAILS	02/01/21			
M407	DETAILS	02/01/21			
M408	DETAILS	02/01/21			
M409	DETAILS	02/01/21			
M410	DETAILS	02/01/21			
M411	CHILLED WATER FLOW DIAGRAM	02/01/21			
M501	CONTROLS	02/01/21			
M502	CONTROLS	02/01/21			
M503	CONTROLS	02/01/21			
M504	CONTROLS	02/01/21			
M505	CONTROLS	02/01/21			
M506	CONTROLS	02/01/21			
M507	CONTROLS	02/01/21			
M508	CONTROLS	02/01/21			
M509	CONTROLS	02/01/21			
M510	CONTROLS	02/01/21			
FIRE PROTECTION					
FP101	WP - FIRST LEVEL FLOOR PLAN - FIRE PROTECTION	02/01/21			
FP102	WP - SECOND LEVEL FLOOR PLAN - FIRE PROTECTION	02/01/21			
FP103	WP - THIRD LEVEL FLOOR PLAN - FIRE PROTECTION	02/01/21			
FP104	WP - PENTHOUSE LEVEL FLOOR PLAN - FIRE PROTECTION	02/01/21			
FP110.1	CA - LEVEL LL3 A FLOOR PLAN - FIRE PROTECTION	02/01/21			
FP110.2	CA - LEVEL LL3 B FLOOR PLAN - FIRE PROTECTION	02/01/21			
FP110.3	CA - LEVEL LL3 C FLOOR PLAN - FIRE PROTECTION	02/01/21			
FP111.1	CA - LEVEL LL2 A FLOOR PLAN - FIRE PROTECTION	02/01/21			
FP111.2	CA - LEVEL LL2 B FLOOR PLAN - FIRE PROTECTION	02/01/21			
FP111.3	CA - LEVEL LL2 C FLOOR PLAN - FIRE PROTECTION	02/01/21			
FP112.1	CA - LEVEL LL1 A FLOOR PLAN - FIRE PROTECTION	02/01/21			
FP112.2	CA - LEVEL LL1 B FLOOR PLAN - FIRE PROTECTION	02/01/21			
FP113.1	CA - LEVEL GROUND A FLOOR PLAN - FIRE PROTECTION	02/01/21			
FP113.2	CA - LEVEL GROUND B FLOOR PLAN - FIRE PROTECTION	02/01/21			
FP114.1	CA - FIRE PROTECTION - PENTHOUSE	02/01/21			
FP120.1	POB - PARKING LEVEL P1 A - FIRE PROTECTION	02/01/21			
FP120.2	POB - PARKING LEVEL P1 B - FIRE PROTECTION	02/01/21			
FP120.3	POB - PARKING LEVEL P1 C - FIRE PROTECTION	02/01/21			
FP121.1	POB - PARKING LEVEL P2 A - FIRE PROTECTION	02/01/21			
FP121.2	POB - PARKING LEVEL P2 B - FIRE PROTECTION	02/01/21			
FP121.3	POB - PARKING LEVEL P2 C - FIRE PROTECTION	02/01/21			
FP122.1	POB - PARKING LEVEL P3 A - FIRE PROTECTION	02/01/21			
FP122.2	POB - PARKING LEVEL P3 B - FIRE PROTECTION	02/01/21			
FP122.3	POB - PARKING LEVEL P3 C - FIRE PROTECTION	02/01/21			
FP123.1	POB - PARKING LEVEL P4 A - FIRE PROTECTION	02/01/21			
FP123.2	POB - PARKING LEVEL P4 B - FIRE PROTECTION	02/01/21			
FP123.3	POB - PARKING LEVEL P4 C - FIRE PROTECTION	02/01/21			
FP124	POB - OFFICE LEVEL 5 FLOOR PLAN - FIRE PROTECTION	02/01/21			
FP125	POB - OFFICE LEVEL 6 FLOOR PLAN - FIRE PROTECTION	02/01/21			
FP126	POB - OFFICE LEVEL 7 FLOOR PLAN - FIRE PROTECTION	02/01/21			
FP127	POB - OFFICE LEVEL 8 FLOOR PLAN - FIRE PROTECTION	02/01/21			
FP128	POB - PENTHOUSE - FIRE PROTECTION	02/01/21			
FP200.1	CA - FIRE PROTECTION - NOTES, CALCULATIONS AND ABBREVIATIONS	02/01/21			
FP200.2	WP - FIRE PROTECTION - NOTES, CALCULATIONS AND ABBREVIATIONS	02/01/21			
FP200.3	POB - FIRE PROTECTION - NOTES, CALCULATIONS AND ABBREVIATIONS	02/01/21			
FP201	FIRE PROTECTION - DETAILS	02/01/21			
FP202	FIRE PROTECTION - DETAILS	02/01/21			
FP203	FIRE PROTECTION - PENETRATION DETAILS	02/01/21			
FP204	FIRE PROTECTION - PENETRATION DETAILS	02/01/21			
PLUMBING					
P100	WP - FIRST LEVEL FLOOR PLAN - UNDERGROUND	02/01/21			
P101	WP - FIRST LEVEL FLOOR PLAN - PLUMBING	02/01/21			
P102	WP - SECOND LEVEL FLOOR PLAN - PLUMBING	02/01/21			
P103	WP - THIRD LEVEL FLOOR PLAN - PLUMBING	02/01/21			
P104	WP - PENTHOUSE LEVEL FLOOR PLAN - PLUMBING	02/01/21			
P110.1	CA - LEVEL LL3 A FLOOR PLAN - PLUMBING	02/01/21			
P110.2	CA - LEVEL LL3 B FLOOR PLAN - PLUMBING	02/01/21			
P110.3	CA - LEVEL LL3 C FLOOR PLAN - PLUMBING	02/01/21			
P111.1	CA - LEVEL LL2 A FLOOR PLAN - PLUMBING	02/01/21			

DRAWING NUMBER	DRAWING DESCRIPTION	SHEET ISSUE DATE	REV NO.	REVISION TITLE	REV DATE
P111.2	CA - LEVEL LL2 B FLOOR PLAN - PLUMBING	02/01/21			
P111.3	CA - LEVEL LL2 C FLOOR PLAN - PLUMBING	02/01/21			
P112.1	CA - LEVEL LL1 A FLOOR PLAN - PLUMBING	02/01/21			
P112.2	CA - LEVEL LL1 B FLOOR PLAN - PLUMBING	02/01/21			
P112.3	CA - LEVEL LL1 C FLOOR PLAN - PLUMBING	02/01/21			
P113.1	CA - LEVEL GROUND A FLOOR PLAN - PLUMBING	02/01/21			
P113.2	CA - LEVEL GROUND B FLOOR PLAN - PLUMBING	02/01/21			
P114	CA - OVERALL PENTHOUSE LEVEL FLOOR PLAN - PLUMBING	02/01/21			
P123	POB - PARKING P4 FLOOR PLAN - PLUMBING	02/01/21			
P124	POB - OFFICE LEVEL 8 FLOOR PLAN - PLUMBING	02/01/21			
P125	POB - OFFICE LEVEL 7 FLOOR PLAN - PLUMBING	02/01/21			
P126	POB - OFFICE LEVEL 6 FLOOR PLAN - PLUMBING	02/01/21			
P127	POB - OFFICE LEVEL 5 FLOOR PLAN - PLUMBING	02/01/21			
P128	POB - PENTHOUSE - PLUMBING	02/01/21			
P151	CA - OVERALL ROOF PLAN - PLUMBING	02/01/21			
P201	WP - FIRST LEVEL FLOOR PLAN - SANITARY	02/01/21			
P202	WP - SECOND LEVEL FLOOR PLAN - SANITARY	02/01/21			
P203	WP - THIRD LEVEL FLOOR PLAN - SANITARY	02/01/21			
P204	WP - PENTHOUSE LEVEL FLOOR PLAN - SANITARY	02/01/21			
P210.1	CA - LEVEL LL3 A FLOOR PLAN - SANITARY UNDERGROUND	02/01/21			
P210.2	CA - LEVEL LL3 B FLOOR PLAN - SANITARY UNDERGROUND	02/01/21			
P210.3	CA - LEVEL LL3 C FLOOR PLAN - SANITARY UNDERGROUND	02/01/21			
P210.4	CA - LEVEL LL2 A FLOOR PLAN - SANITARY	02/01/21			
P210.5	CA - LEVEL LL2 B FLOOR PLAN - SANITARY	02/01/21			
P210.6	CA - LEVEL LL2 C FLOOR PLAN - SANITARY	02/01/21			
P211.1	CA - LEVEL LL1 A FLOOR PLAN - SANITARY	02/01/21			
P211.2	CA - LEVEL LL1 B FLOOR PLAN - SANITARY	02/01/21			
P211.3	CA - LEVEL LL1 C FLOOR PLAN - SANITARY	02/01/21			
P212.1	CA - LEVEL GROUND A FLOOR PLAN - SANITARY	02/01/21			
P212.2	CA - LEVEL GROUND B FLOOR PLAN - SANITARY	02/01/21			
P212.3	CA - LEVEL GROUND C FLOOR PLAN - SANITARY	02/01/21			
P213.1	CA - LEVEL GROUND 8 FLOOR PLAN - SANITARY	02/01/21			
P213.2	CA - LEVEL GROUND 7 FLOOR PLAN - SANITARY	02/01/21			
P223	POB - PARKING P4 FLOOR PLAN - SANITARY	02/01/21			
P224	POB - OFFICE LEVEL 5 FLOOR PLAN - SANITARY	02/01/21			
P225	POB - OFFICE LEVEL 6 FLOOR PLAN - SANITARY	02/01/21			
P226	POB - OFFICE LEVEL 7 FLOOR PLAN - SANITARY	02/01/21			
P227	POB - OFFICE LEVEL 8 FLOOR PLAN - SANITARY	02/01/21			
P228	POB - PENTHOUSE - SANITARY	02/01/21			
P300.1	CA - PLUMBING - LEGENDS, SCHEDULES AND DETAILS	02/01/21			
P300.2	WP - PLUMBING - LEGENDS, SCHEDULES AND DETAILS	02/01/21			
P300.3	POB - PLUMBING - LEGENDS, SCHEDULES AND DETAILS	02/01/21			
P301	PLUMBING - DETAILS	02/01/21			
P302	PLUMBING - DETAILS	02/01/21			
P303	PLUMBING - PENETRATION DETAILS	02/01/21			
P400	CA - OVERALL SANITARY RISER DIAGRAM	02/01/21			
P401	CA - SANITARY RISER DIAGRAMS	02/01/21			
P402	CA - SANITARY RISER DIAGRAMS	02/01/21			
P403	WP - OVERALL SANITARY RISER DIAGRAM	02/01/21			
P404	WP - SANITARY RISER DIAGRAM	02/01/21			
P405	WP - SANITARY RISER DIAGRAMS	02/01/21			
P406	POB - OVERALL SANITARY RISER DIAGRAM	02/01/21			
P407	POB - SANITARY RISER DIAGRAMS	02/01/21			



Project Information:

19018

COK SAFETY BUILDING

900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:



I.C. THOMASSON ASSOCIATES, INC.
1114 CLINCH AVENUE, SUITE 200
KNOXVILLE, TENNESSEE 37916
PHONE (865) 525-3488
FAX (865) 525-4471
www.ictthomasson.com

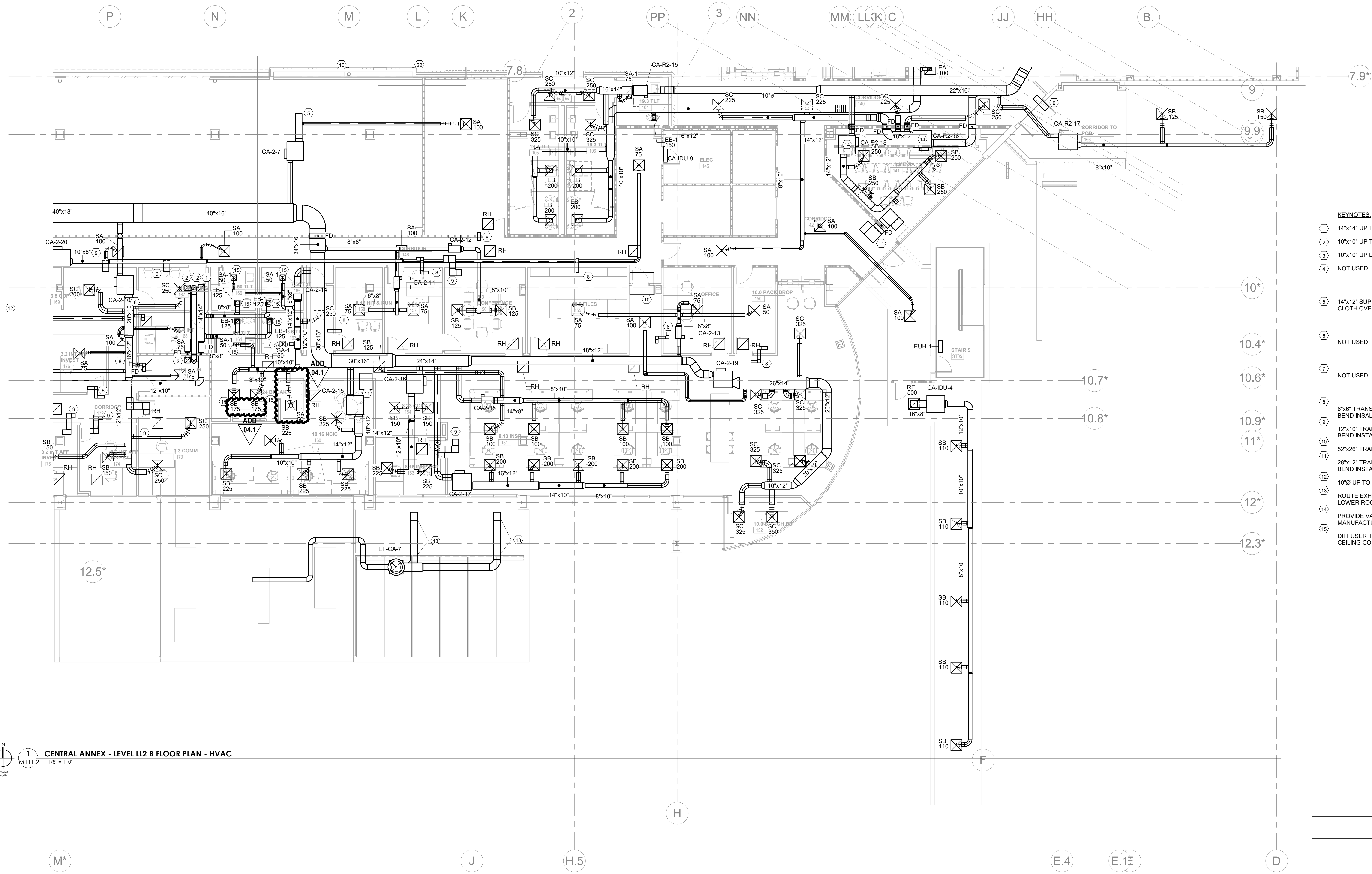
#	ISSUE	DATE
1	ADD 02.1	02/17/21
2	ADD 04.1	03/03/21

Issue Date: February 1, 2021
PIC: DAVID COLLINS
PM: JOHN THURMAN
PA: LAUREN BUSH /
Drawn By: M. NEWTON
Checked By: P. MCCOWN

Drawing Info:

M111.2

CA - LEVEL LL2 B
FLOOR PLAN - HVAC

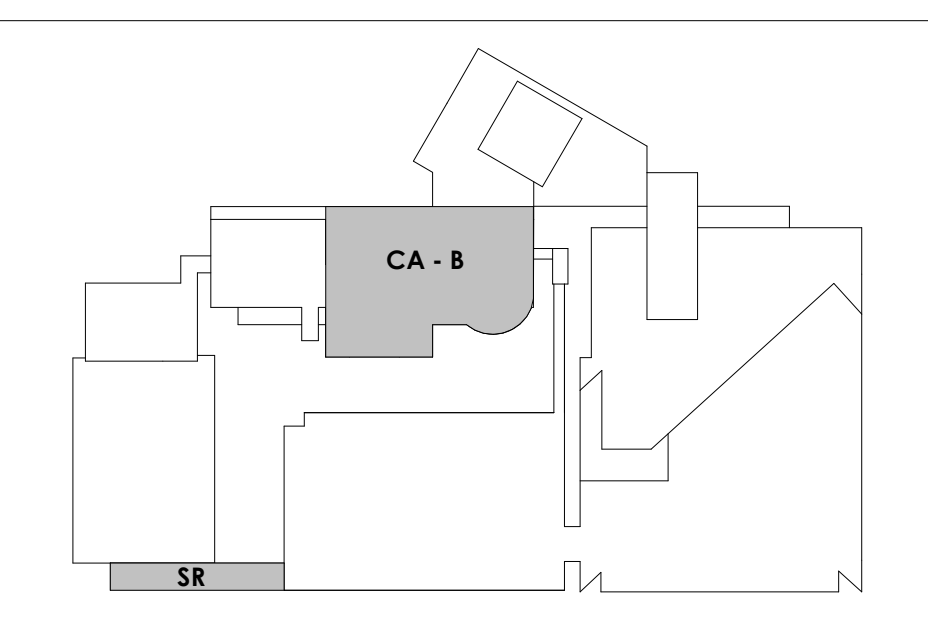


- KEYNOTES:**
- ① 14"x14" UP TO ROOF TO EF-2, SERVING LL2
 - ② 10"x10" UP TO ROOF TO EF-1, SERVING LL3
 - ③ 10"x10" UP DOWN TO LL2 BELOW
 - ④ NOT USED
 - ⑤ 14"x12" SUPPLY DUCT OPEN TO SPACE. PROVIDE HARDWARE CLOTH OVER OPENING. BALANCE MVD TO 800 CFM.
 - ⑥ NOT USED
 - ⑦ NOT USED
 - ⑧ 6"x6" TRANSFER DUCT WITH 1" FIBROUS LINER. PROVIDE Z-BEND INSTALLATION AS SHOWN ON PLANS.
 - ⑨ 12"x10" TRANSFER DUCT WITH 1" FIBROUS LINER. PROVIDE Z-BEND INSTALLATION AS SHOWN ON PLANS.
 - ⑩ 52"x26" TRANSFER DUCT WITH 1" FIBROUS LINER.
 - ⑪ 28"x12" TRANSFER DUCT WITH 1" FIBROUS LINER. PROVIDE Z-BEND INSTALLATION AS SHOWN ON PLANS.
 - ⑫ 10'Ø UP TO EF-CA-6 ON ROOF.
 - ⑬ ROUTE EXHAUST DUCT UP THRU LOWER ROOF. ROUTE ALONG LOWER ROOF AND THRU WALL OF HIGHER ROOF.
 - ⑭ PROVIDE VAV BOX WITH TERMINAL UNIT SILENCER BY MANUFACTURER.
 - ⑮ DIFFUSER TO BE PAINTABLE TO MATCH ARCHITECTURAL CEILING COLOR.

WALL LEGEND

	216 PARTITION (ASSEMBLY) VARIETY
	116 PARTITION (ASSEMBLY) VARIETY
	116C LEVEL 2 PARTITION (ASSEMBLY) VARIETY
	116 PARTITION (ASSEMBLY) VARIETY
	EXISTING PARTITION
	EXISTING PARTITION TO BE DISCARDED

KEY PLAN



1 CENTRAL ANNEX - LEVEL LL2 B FLOOR PLAN - HVAC
M111.2 1/8" = 1'-0"



Project Information:

19018

COK SAFETY BUILDING

900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:



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#	ISSUE	DATE
1	ADD 02.1	02/17/21
2	ADD 04.1	03/04/21

Issue Date: February 1, 2021
PIC: DAVID COLLINS
PM: JOHN THURMAN
PA: LAUREN BUSH /
Drawn By: M. NEWTON
Checked By: P. MCCOWN

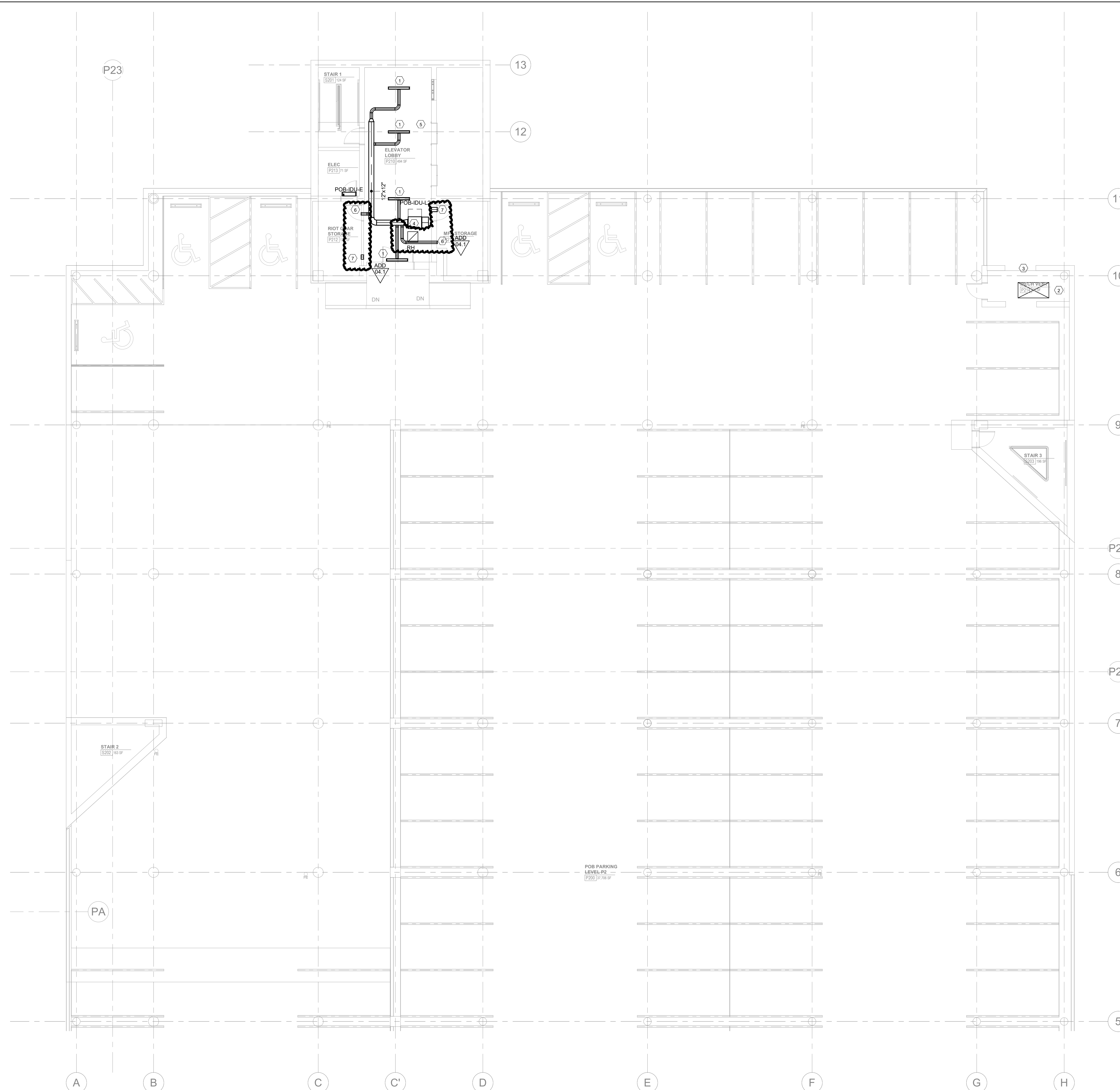
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M121.1

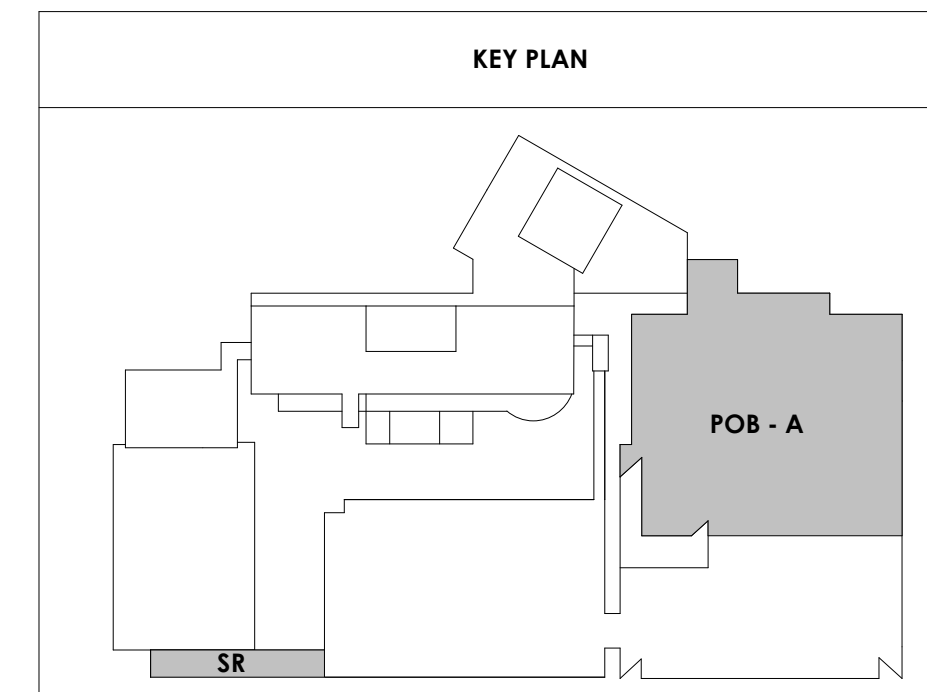
PARKING LEVEL P2 A - HVAC

WALL LEGEND	
	2 HR PARTITION (ASSEMBLY VARIES)
	1 HR PARTITION (ASSEMBLY VARIES)
	BALLISTIC LEVEL 3 PARTITION (ASSEMBLY VARIES)
	NEW PARTITION (ASSEMBLY VARIES)
	EXISTING PARTITION
	EXISTING PARTITION TO BE DEMOLISHED

- KEYNOTES:**
- 4'-0" x 1'0" LINEAR SLOT DIFFUSER EQUAL TO TITUS FL-10, HIGH THROW PATTERN. PROVIDE FACTORY PLENUM WITH 6" Ø. BALANCE MVD TO 125 CFM.
 - 72"x36" EXHAUST DUCT UP THROUGH SLAB OPENING. TERMINATE DUCT 8" ABOVE FINISHED FLOOR. PROVIDE GRAVITY BACKDRAFT DAMPER AT OPENING.
 - EXISTING RELIEF LOUVER TO REMAIN
 - INSTALL DUCTED SPLIT SYSTEM IDU HANG FROM STRUCTURE
 - SEE A220 FOR RCP AT ELEVATOR LOBBY AND CORRIDOR
 - 8"x8" SUPPLY GRILLE EQUAL TO TITUS 300 RL. BALANCE TO 50 CFM
 - 10"x10" RETURN TRANSFER DUCT. PROVIDE HARDWARE CLOTH OVER OPENING.



1 M121.1
1/8" = 1'-0"
PARKING LEVEL P2 A - HVAC





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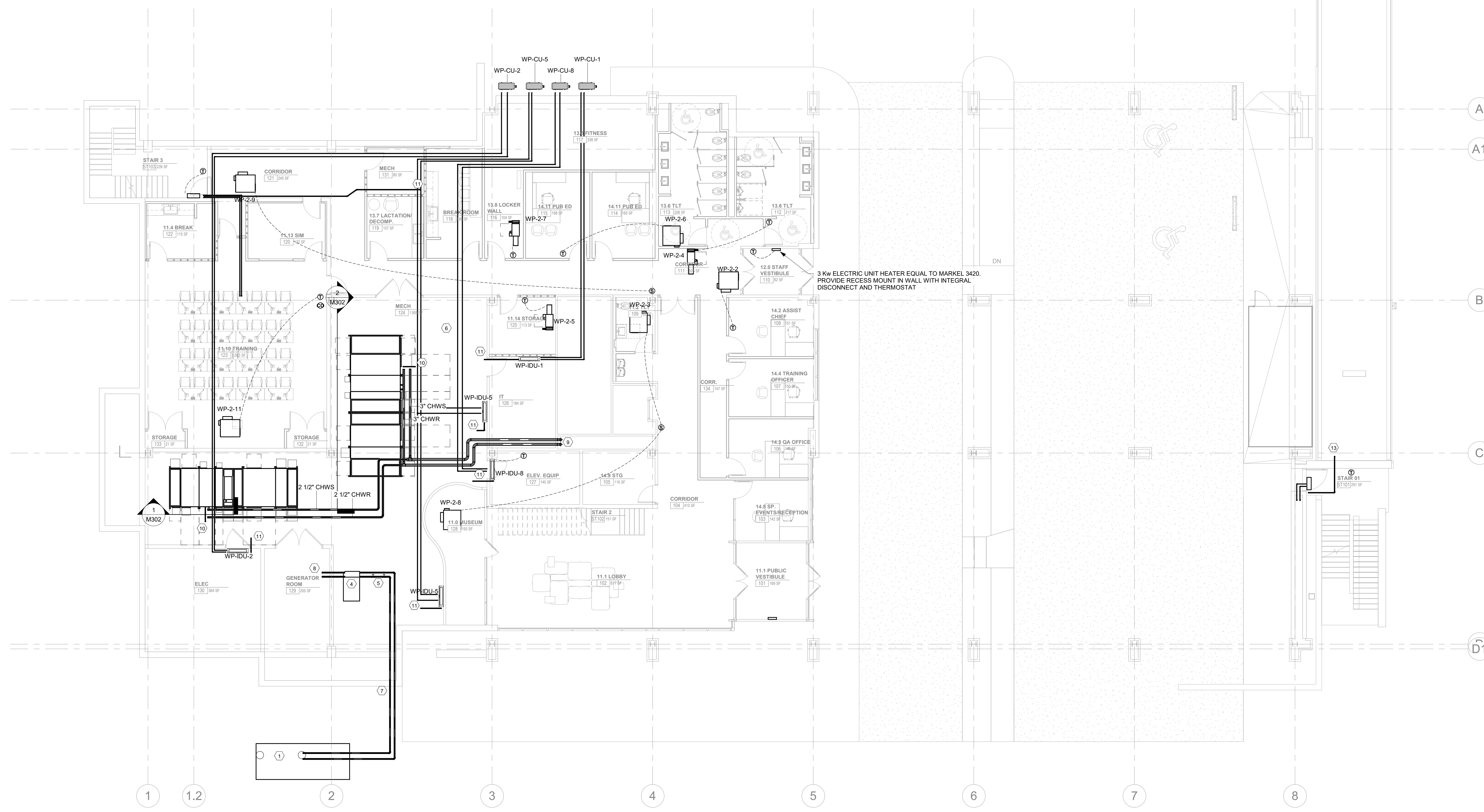
#	ISSUE	DATE
2	Addendum 04.1	03/03/21

Issue Date:	February 1, 2021
PIC:	DAVID COLLINS
PM:	JOHN THURMAN
PA:	LAUREN BUSH /
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Drawing Info:

M201

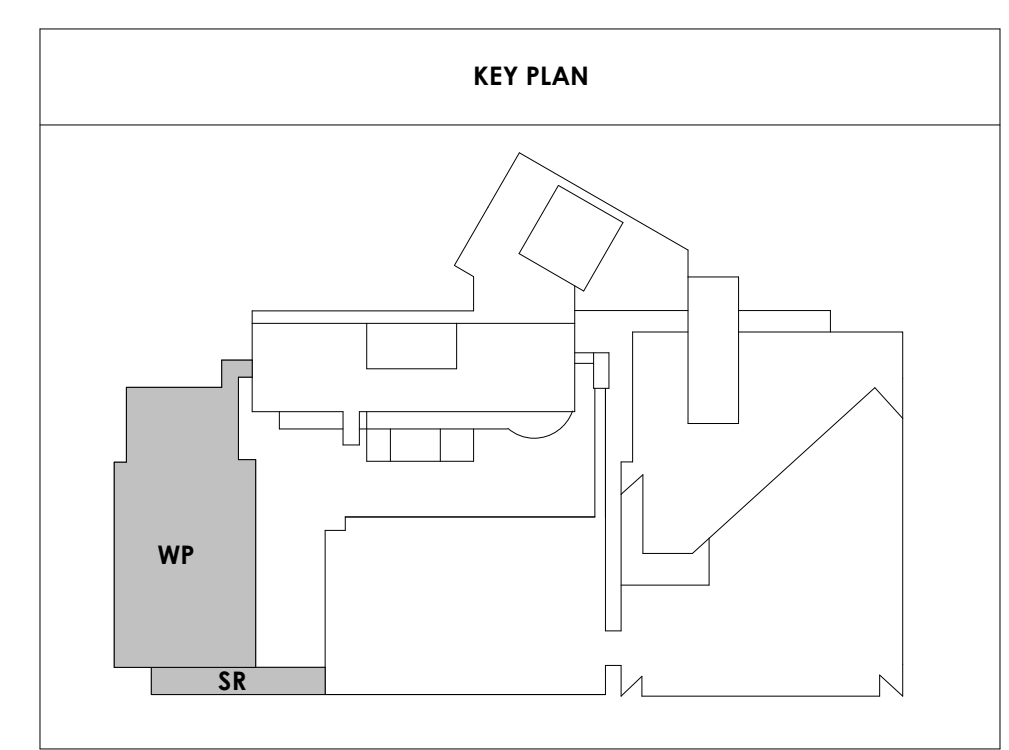
WP - FIRST LEVEL FLOOR PLAN - PIPING

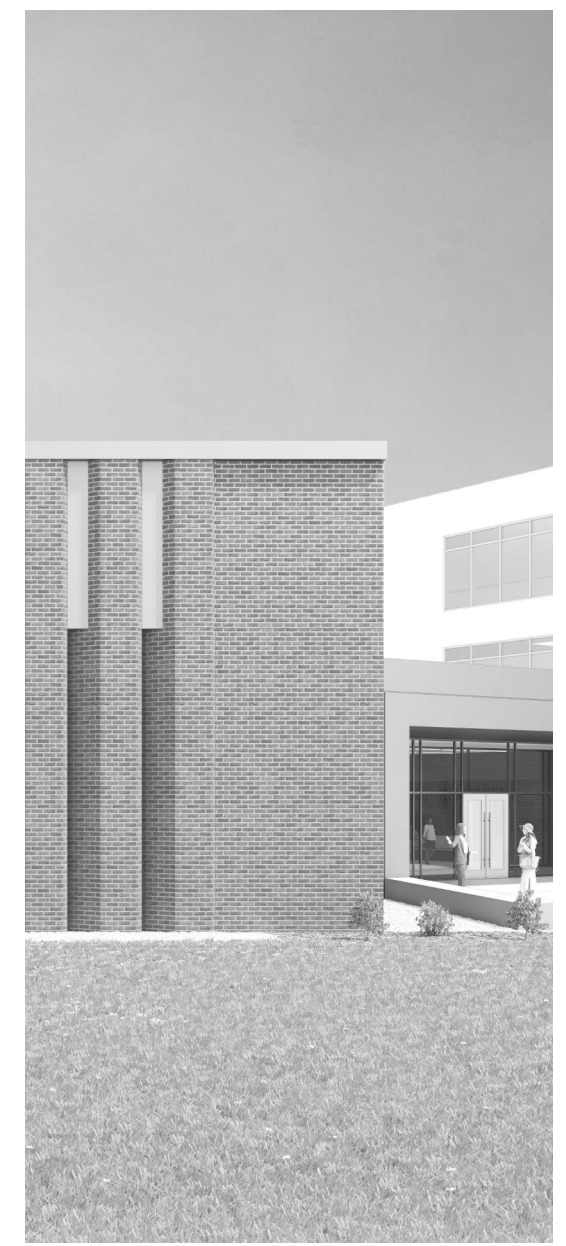


1 ALTERNATE 1B - WOMEN'S PAVILION LEVEL 1 - FLOOR PLAN - PIPING
M201 1/8" = 1'-0"

- KEYNOTES:**
- 1 3000 GALLON UNDERGROUND NO. 2 FUEL OIL TANK. SEE DETAIL FOR INSTALLATION.
 - 2 NOT USED
 - 3 NOT USED
 - 4 250 GALLON GENERATOR DAY TANK AND RUPTURE BASIN MOUNTED ON 4" CONCRETE PAD.
 - 5 FUEL OIL BACK PRESSURE ASSEMBLY PER DETAIL.
 - 6 1" FUEL OIL SUPPLY AND RETURN SUSPENDED FAN STRUCTURE.
 - 7 1" FUEL OIL SUPPLY AND RETURN DAYLIGHTING AT EXTERIOR WALL. PIPE TO PENETRATE EXTERIOR WALL AND BE ABOVE CEILING.
 - 8 FUEL OIL SUPPLY AND RETURN TO GENERATOR.
 - 9 4" CHWS&R DOWN FROM ROOF TO FIRST LEVEL.
 - 10 2" MOISTURE CONDENSATE TO NEAREST FLOOR DRAIN.
 - 11 3/4" MOISTURE CONDENSATE TO NEAREST FLOOR DRAIN.
 - 12 3/4" MOISTURE CONDENSATE TO NEAREST FLOOR SINK IN JANITORS CLOSET.
 - 13 3/4" MOISTURE CONDENSATE TO ROOF DRAIN ON SHOOTING RANGE ROOF.

GENERAL NOTES:
REFRIGERANT PIPING SHOWN FOR INTENT. ROUTE WITHIN CONCEALED SPACES AND ROUTE LINES CLOSELY TOGETHER.





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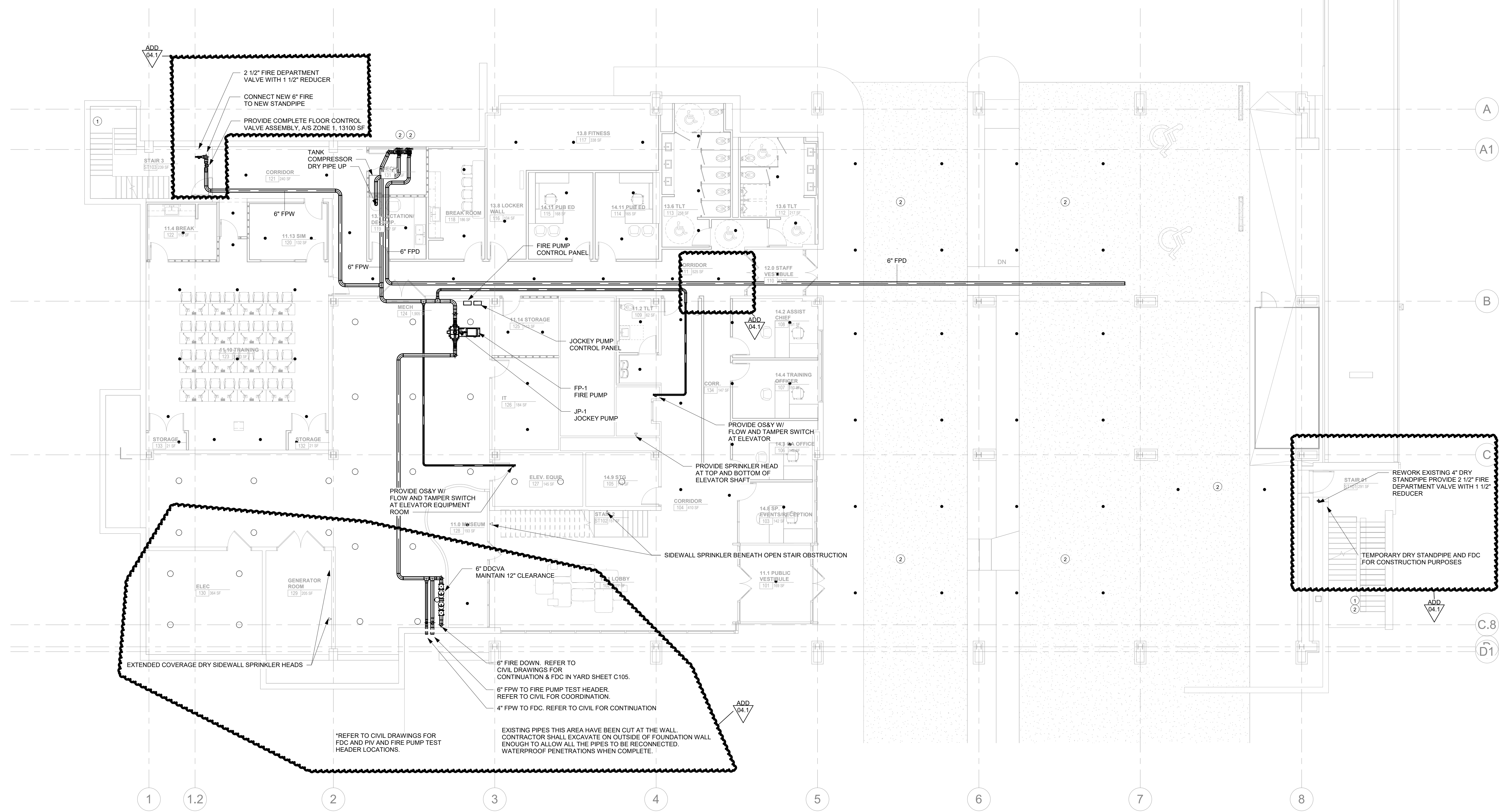
#	ISSUE	DATE
ADD 02.1		02/17/21
ADD 04.1		03/03/21

Issue Date:	FEBRUARY 1, 2021
PKC:	DAVID COLLINS
PM:	JOHN THURMAN
PA:	LAUREN BUSH / P. SUITE
Drawn By:	P. SUITE
Checked By:	P. MCCOWN

Drawing Info:

FP101

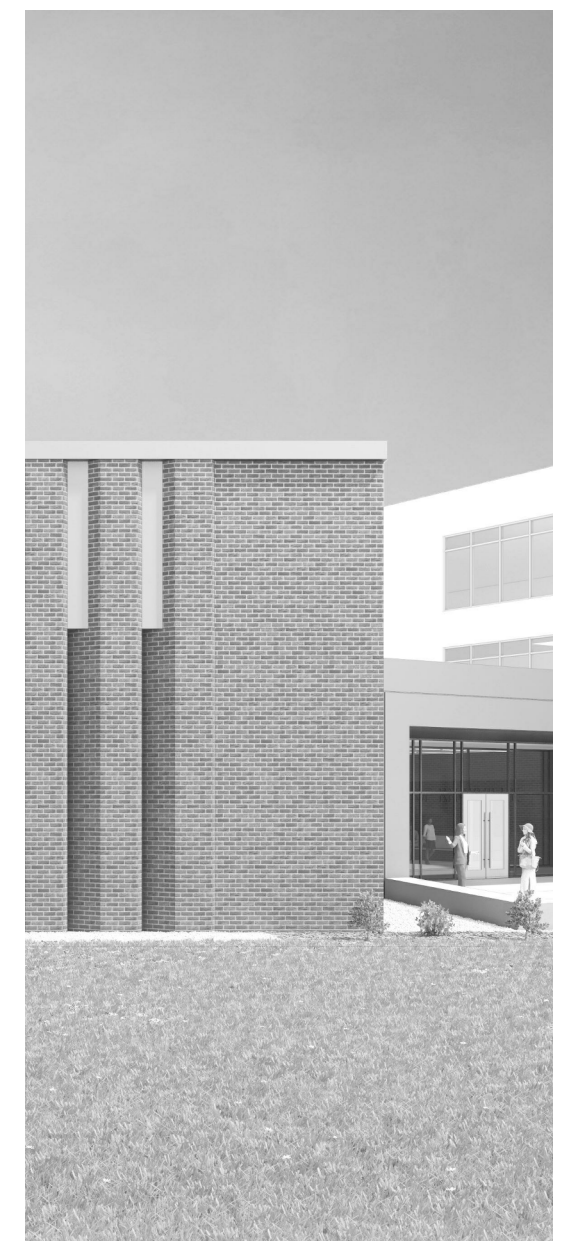
WP - FIRST LEVEL
FLOOR PLAN - FIRE
PROTECTION



1 ALTERNATE 1B - WOMEN'S PAVILION LEVEL 1 - FLOOR PLAN - FIRE PROTECTION
VP101 1/8" = 1'-0"

FIRE PROTECTION SHEET NOTES:

1. PROVIDE SPRINKLER UNDER LOWEST LANDING AND TOP OF SHAFT FOR ALL ENCLOSED RATED STAIRS PER NFPA 13.
2. PROVIDE DRY SPRINKLER SYSTEM FOR EXTERIOR PARKING. SYSTEM TO BE LOCATED IN JANITOR ROOM ON FIRST FLOOR.
3. EXISTING SPRINKLER SYSTEM HAS BEEN REMOVED. THE RENOVATED AREAS WILL BE FULLY PROTECTED.
4. SOME STANDPIPES NOTED AS "EXISTING" WERE CONVERTED TO DRY STANDPIPES FOR USE DURING CONSTRUCTION ONLY. THESE STANDPIPES MAY REQUIRE REWORK TO ALLOW CONNECTION TO THE NEW A/S SYSTEMS, AND FOR PERMANENT BUILDING OPERATION. VERIFY SYSTEM IS IN OPERABLE CONDITION. REPAIR/REPLACEMENT WILL BE ON AN AS NEEDED BASIS. NOTIFY A/E OF AREAS IN NEED OF REPAIR/REPLACEMENT.
5. REFER TO SPECIFICATIONS AND FIRE PROTECTION SCHEDULE SHEET FOR MORE INFORMATION ON INSTALLATION OF SYSTEMS, I.E. DENSITY, HEAD TYPE, ETC.



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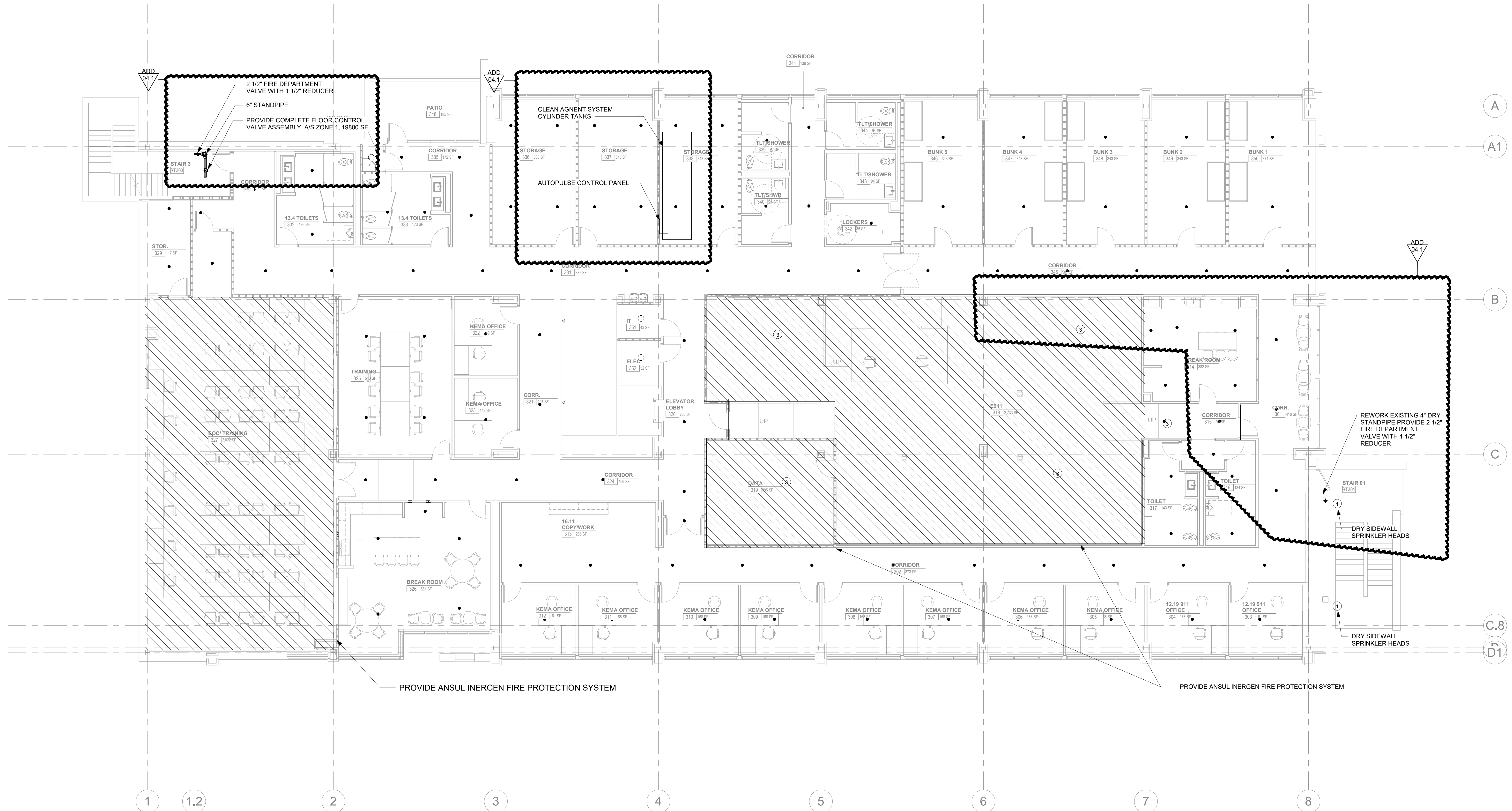
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PM: JOHN THURMAN
PA: LAUREN BUSH /
Drawn By: P. SUITE
Checked By: P. MCCOWN

Drawing Info:

FP103

WP - THIRD LEVEL
FLOOR PLAN - FIRE
PROTECTION



1 ALTERNATE 1B - WOMEN'S PAVILION LEVEL 3 - FLOOR PLAN - FIRE PROTECTION
FP103 1/8" = 1'-0"

CLEAN AGENT SYSTEM NOTES:

1. PROVIDE ANSUL INERGEN SYSTEM FOR E911, EDC/TRAINING ROOM, AND DATA ROOM. EACH ROOM SHALL BE A SEPERATE ZONE. PROVIDE SELECTOR VALVES.
2. PROVIDE VESDA SMOKE DETECTOR SYSTEM.
3. PPOVIDE 100% CONNECTED RESERVE PIPED TO FEED INTO THE AUTOMATIC SYSTEM.
4. COORDINATE WITH ELECTRICAL DRAWINGS FOR ADDITIONAL REQUIREMENTS.

FIRE PROTECTION SHEET NOTES:

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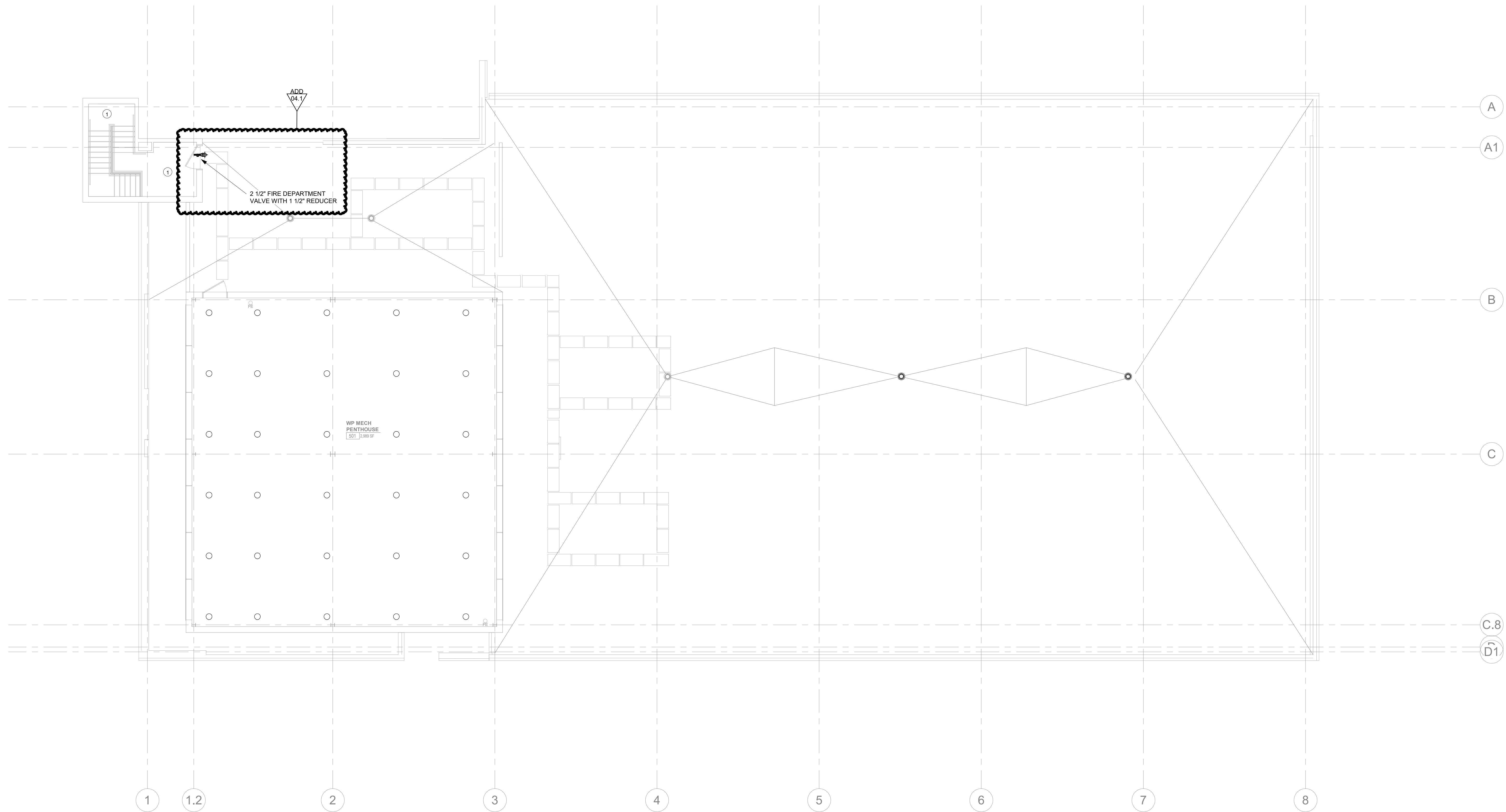
#	ISSUE	DATE
ADD 04.1		03/03/21

Issue Date: FEBRUARY 1, 2021
 PIC: DAVID COLLINS
 PM: JOHN THURMAN
 PA: LAUREN BUSH /
 Drawn By: P. SUITE
 Checked By: P. MCCOWN

Drawing Info:

FP104

WP - PENTHOUSE LEVEL FLOOR PLAN - FIRE PROTECTION



1
 ALTERNATE 1B - WOMEN'S PAVILION PENTHOUSE LEVEL - FLOOR PLAN - FIRE PROTECTION
 FP104 1/8" = 1'-0"

FIRE PROTECTION SHEET NOTES:

1. PROVIDE SPRINKLER UNDER LOWEST LANDING AND TOP OF SHAFT FOR ALL ENCLOSED RATED STAIRS PER NFPA 13.
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#	ISSUE	DATE
ADD 03.1		02/24/21
ADD 04.1		03/03/21

Issue Date:	FEBRUARY 1, 2021
PI:	DAVID COLLINS
PM:	JOHN THURMAN
PA:	LAUREN BUSH /
Drawn By:	P. SUITE
Checked By:	P. MCCOWN

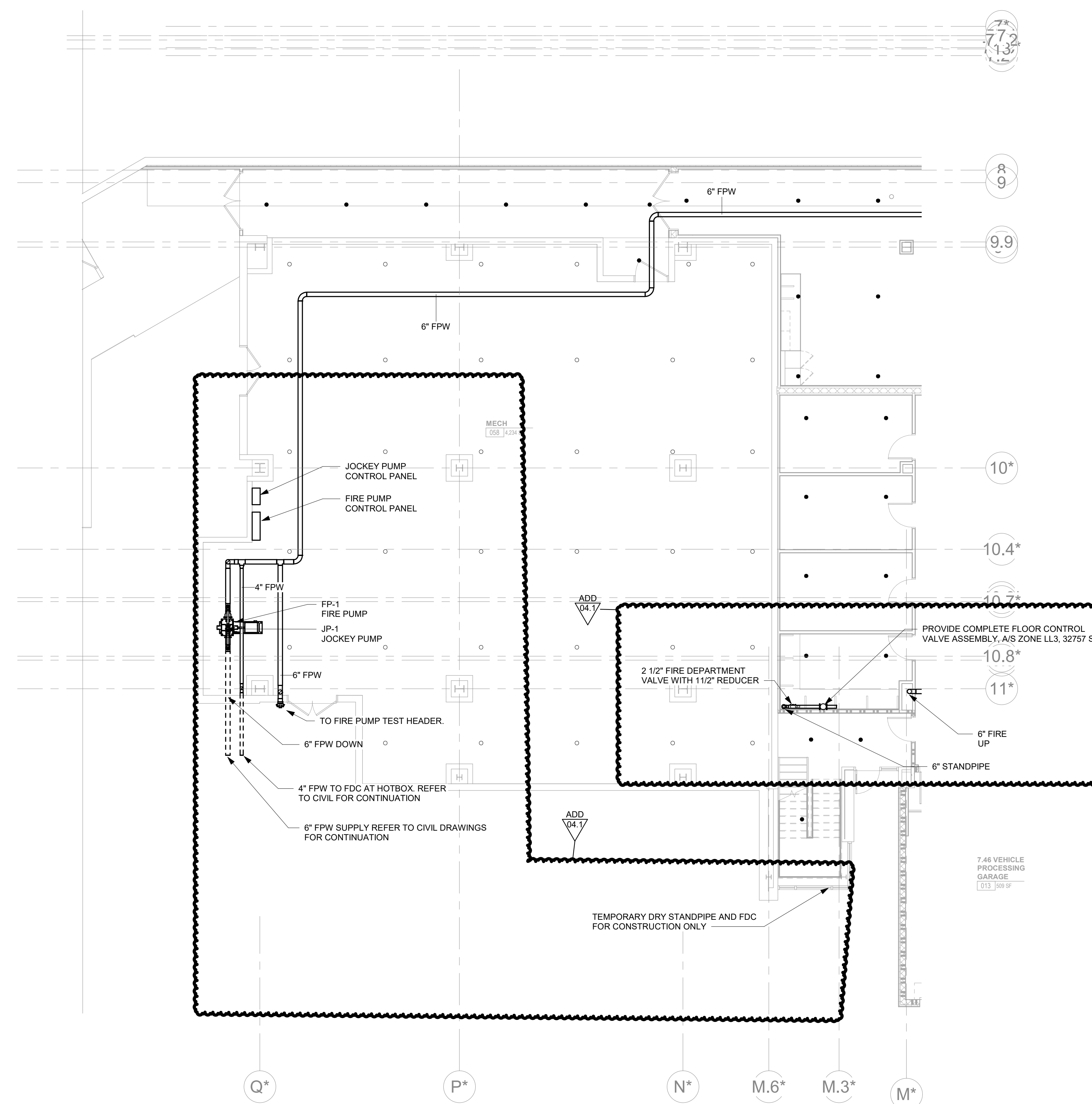
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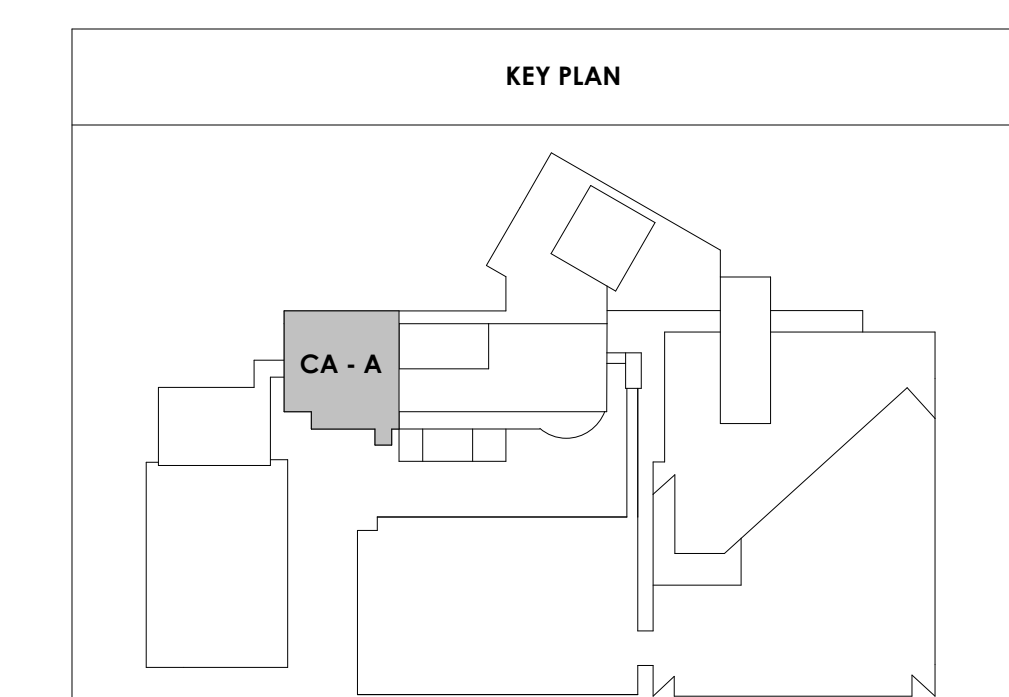
CA - LEVEL LL3 A
FLOOR PLAN - FIRE
PROTECTION

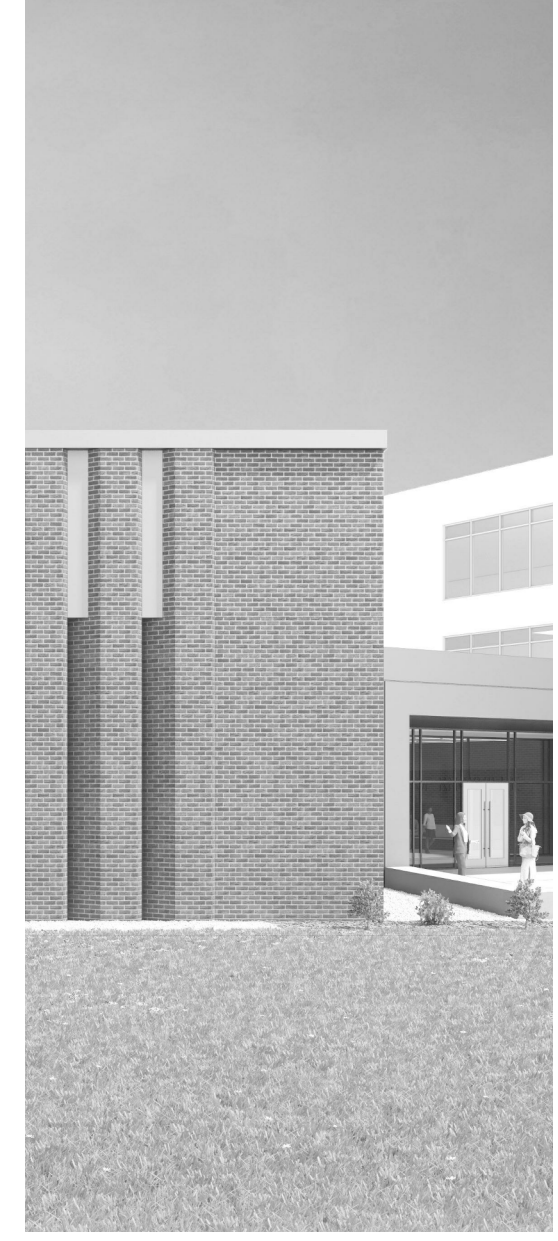
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CENTRAL ANNEX - LEVEL LL3 A FLOOR PLAN - FIRE PROTECTION
1/8" = 1'-0"





Project Information:
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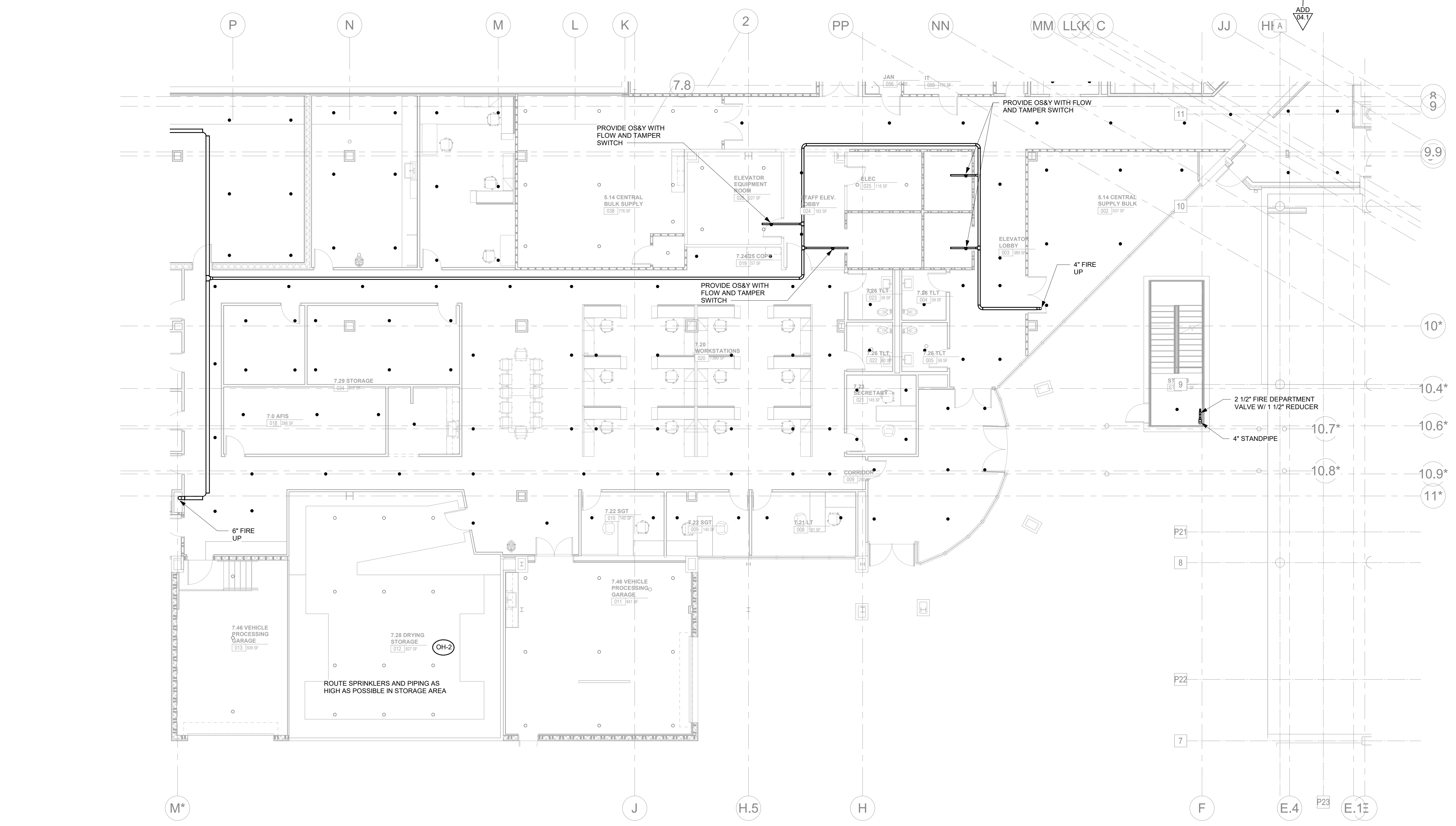
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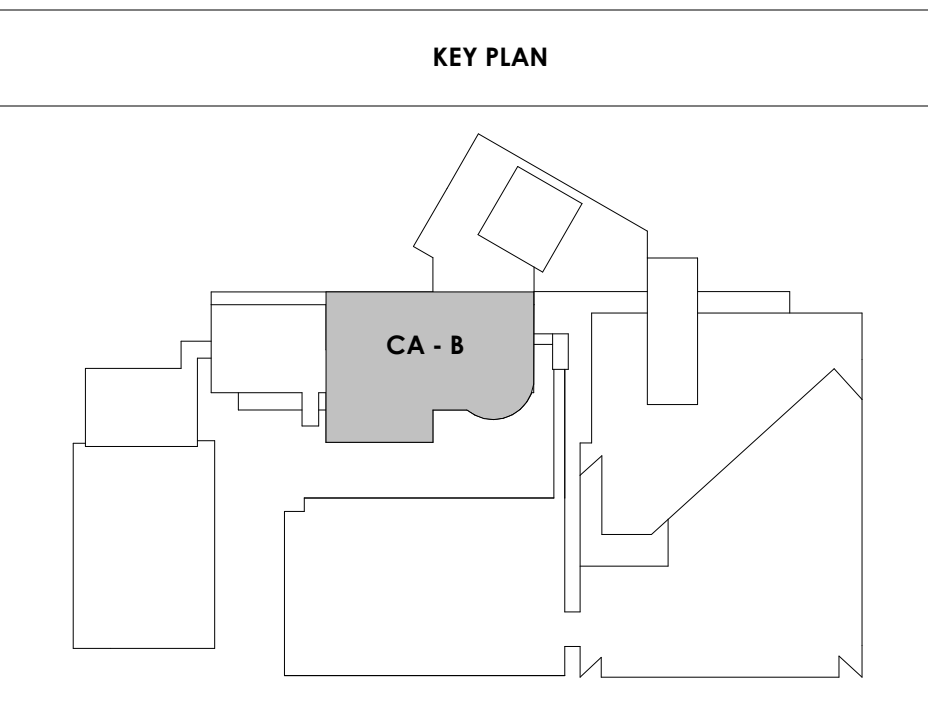
CA - LEVEL LL3 B FLOOR PLAN - FIRE PROTECTION

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1 CENTRAL ANNEX - LEVEL LL3 B FLOOR PLAN - FIRE PROTECTION
1/8" = 1'-0"



3/3/2021 4:09:23 PM



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Drawing Info:

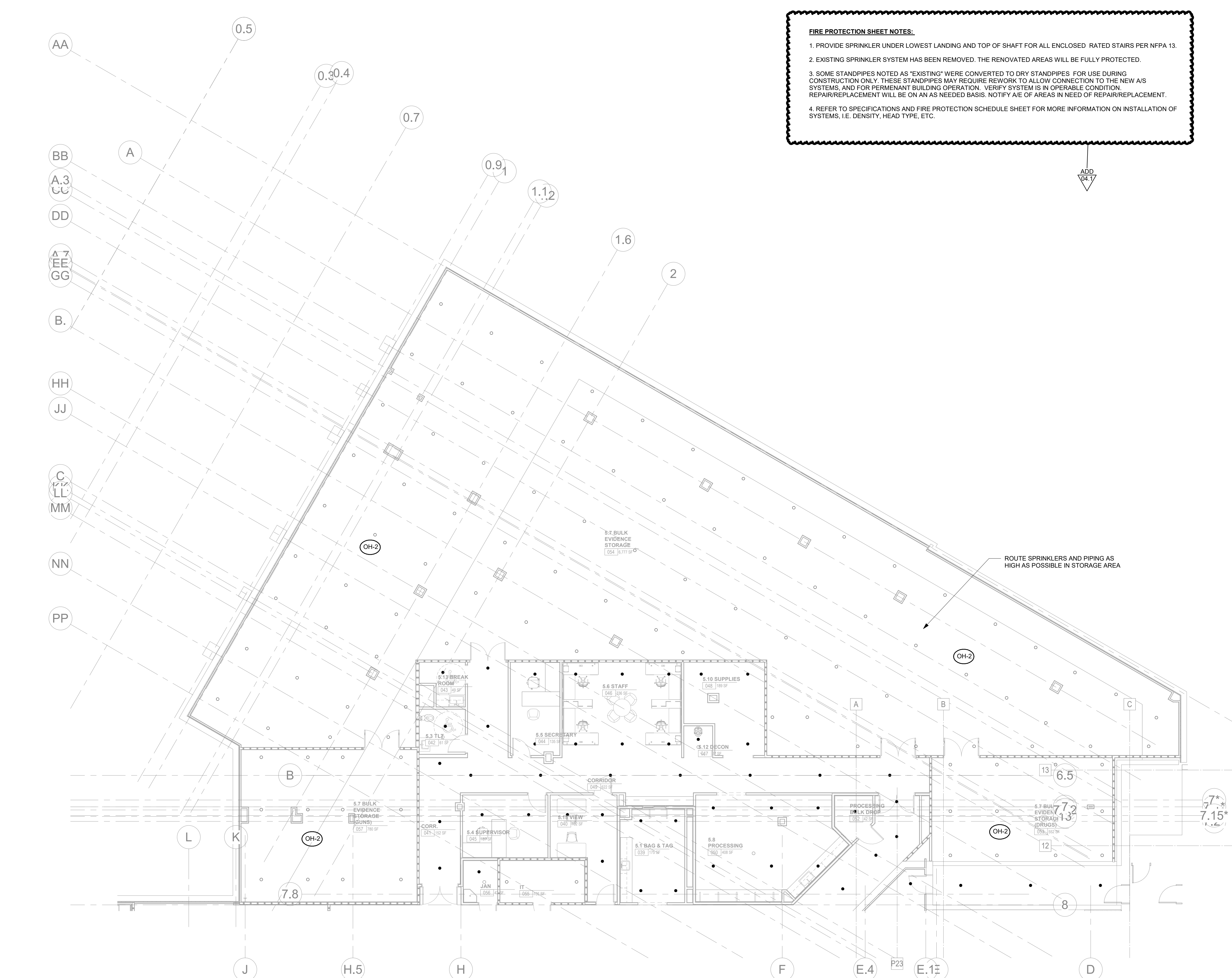
FP110.3

CA - LEVEL LL3 C FLOOR PLAN - FIRE PROTECTION

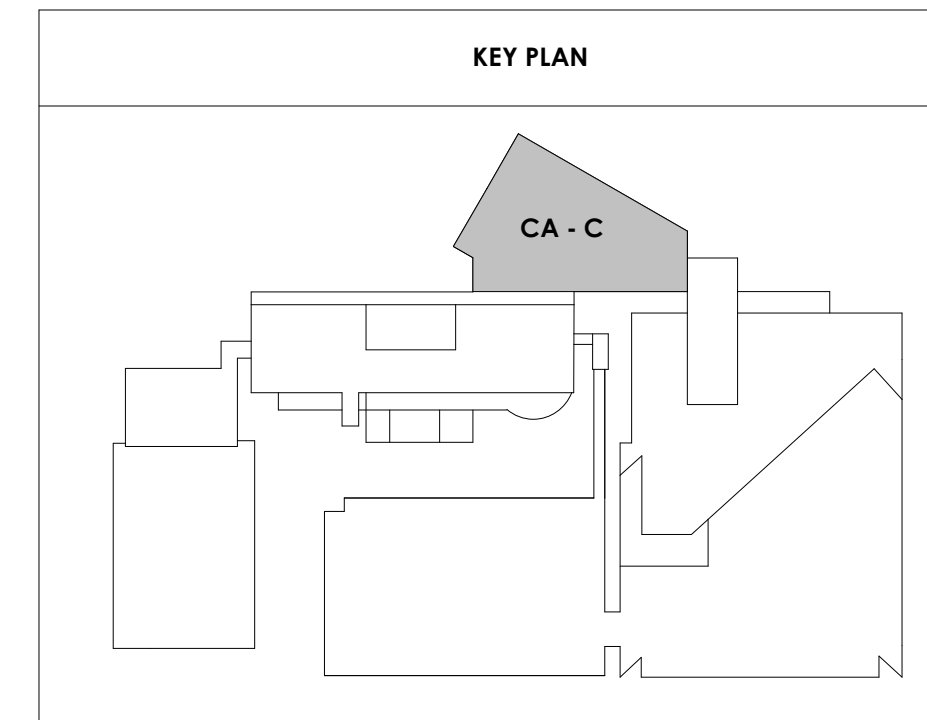
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ADD
04.7



CENTRAL ANNEX - LEVEL LL3 C FLOOR PLAN - FIRE PROTECTION
FP110.3 1/8" = 1'-0"





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ADD 04.1		03/03/21

Issue Date:	FEBRUARY 1, 2021
PI:	DAVID COLLINS
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PA:	LAUREN BUSH /
Drawn By:	P. SUITE
Checked By:	P. MCCOWN

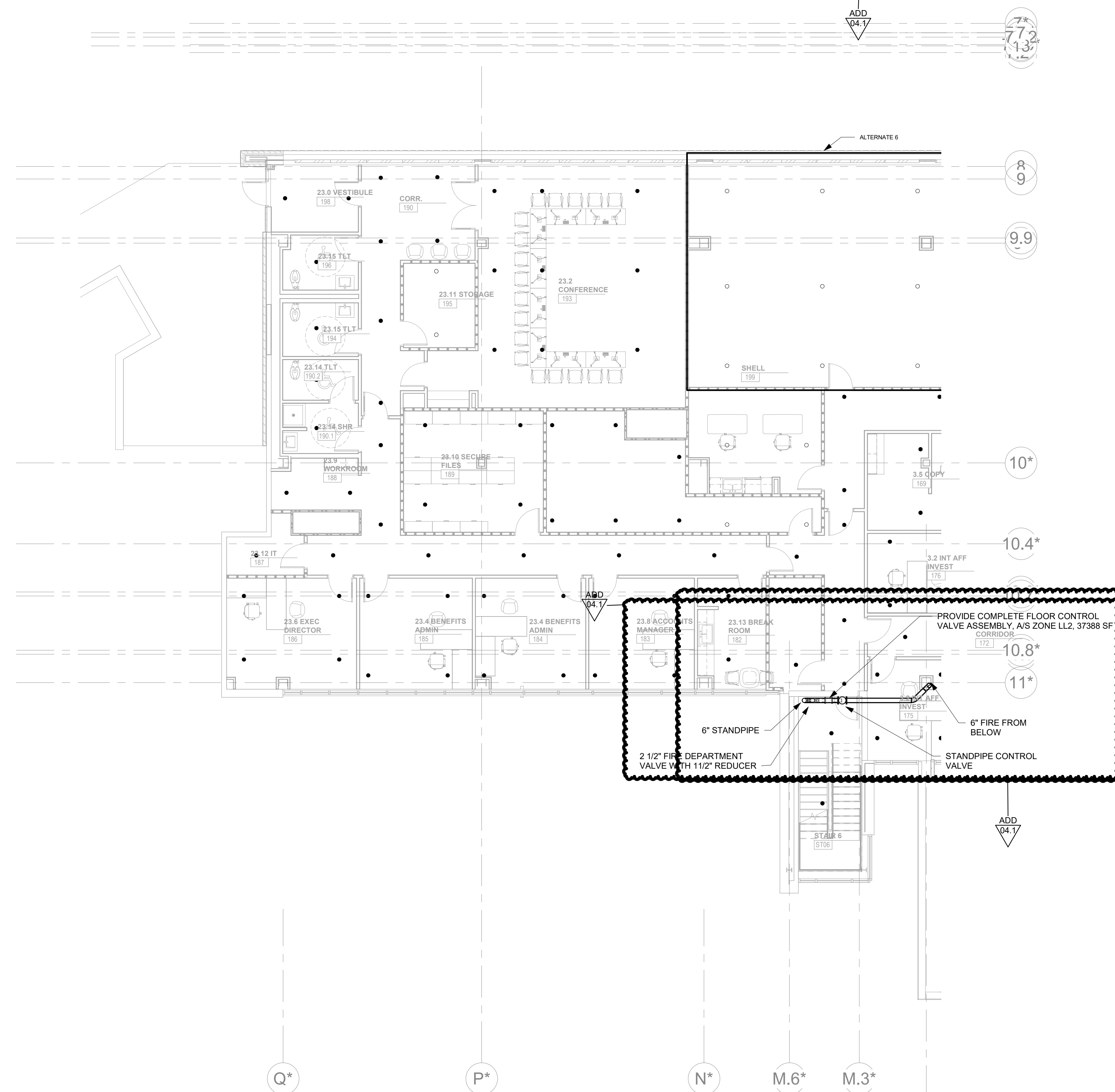
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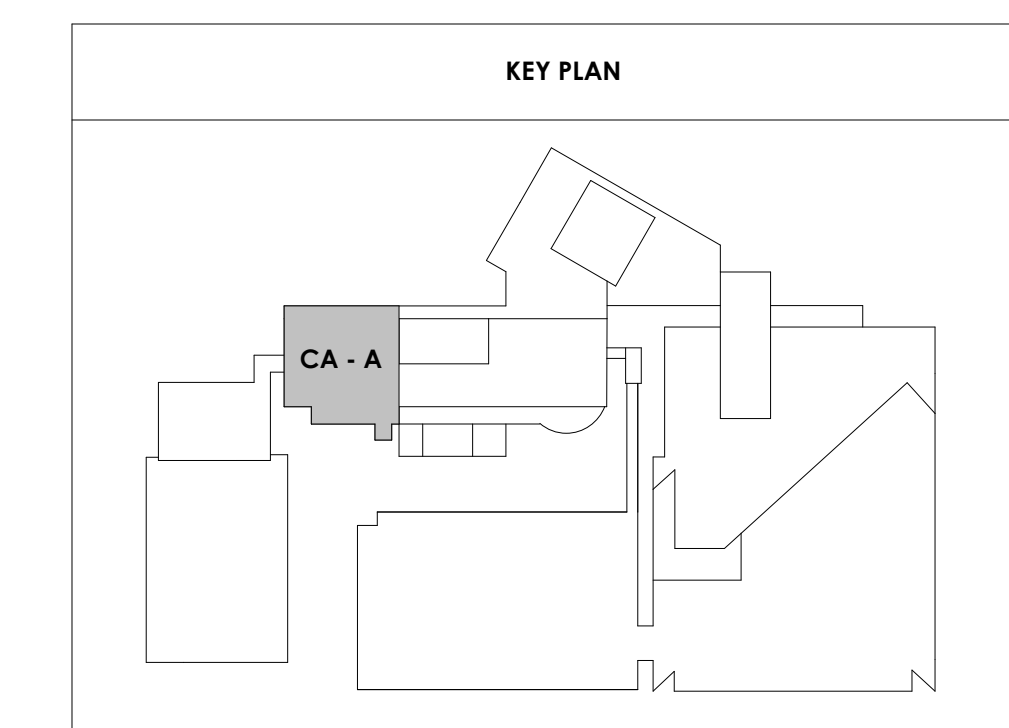
CA - LEVEL LL2 A
FLOOR PLAN - FIRE
PROTECTION

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CENTRAL ANNEX - LEVEL LL2 A FLOOR PLAN - FIRE PROTECTION
FP111.1 1/8" = 1'-0"





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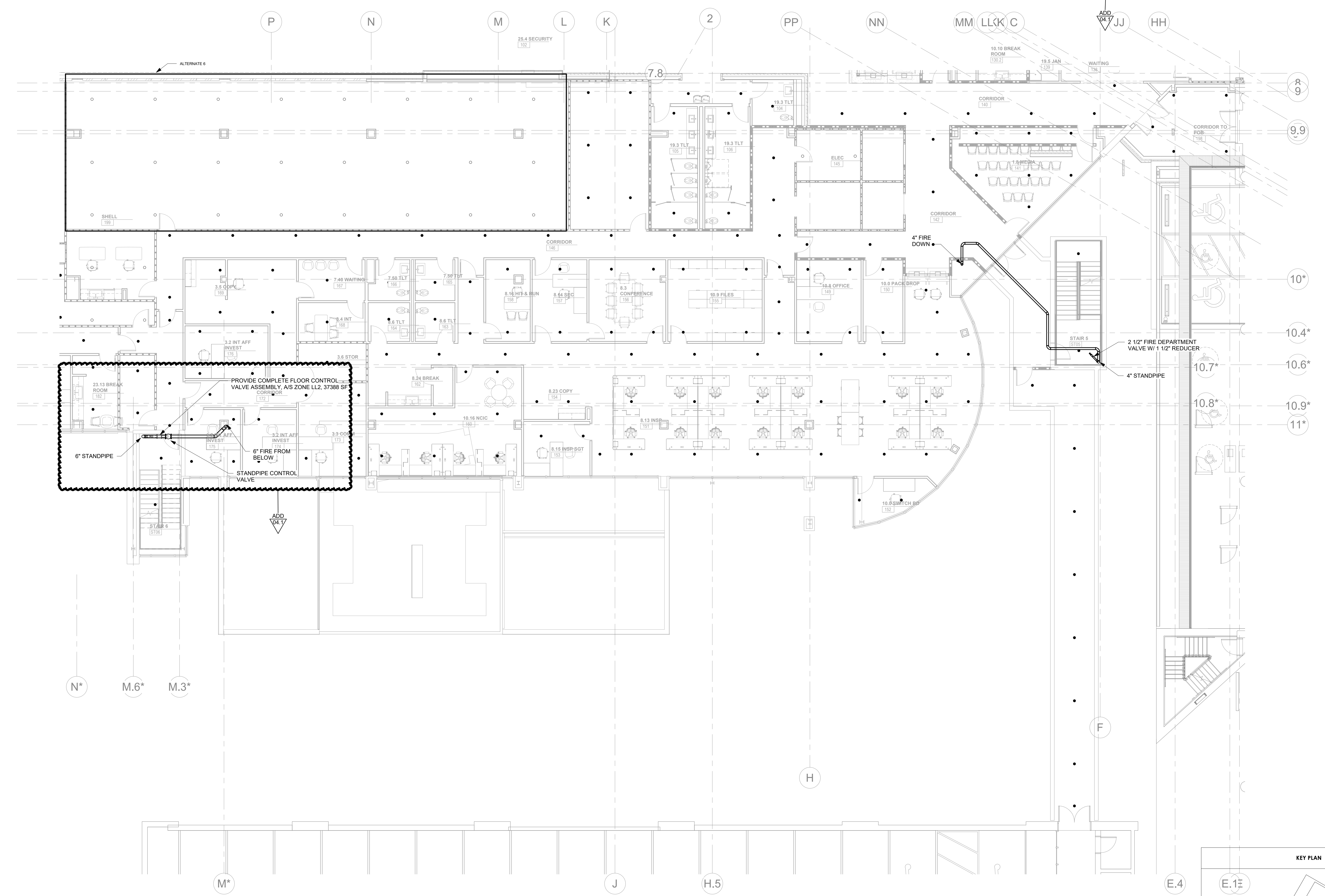
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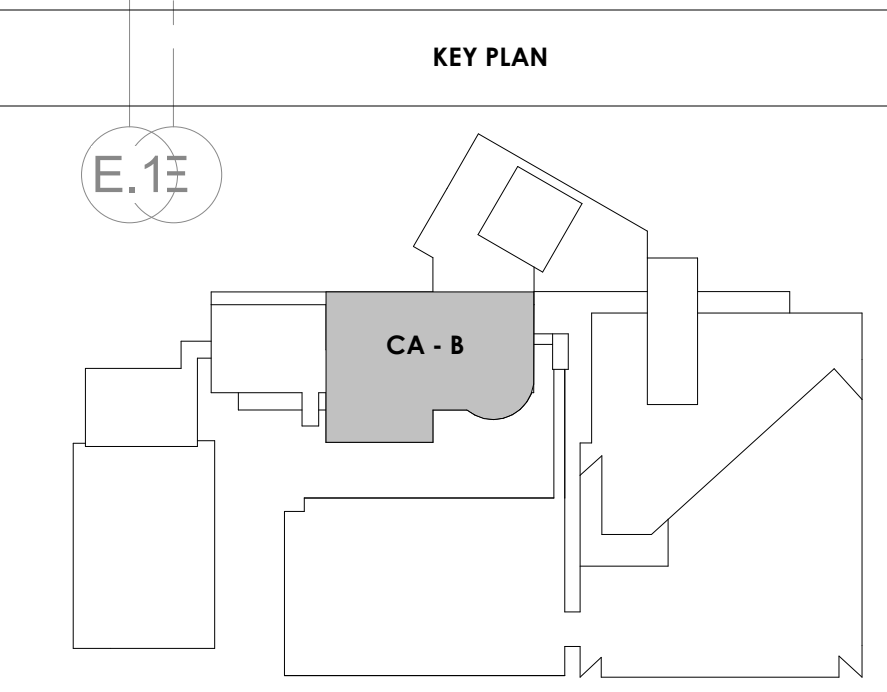
FP111.2
CA - LEVEL LL2 B FLOOR PLAN - FIRE PROTECTION

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CENTRAL ANNEX - LEVEL LL2 B FLOOR PLAN - FIRE PROTECTION
1/8\"/>





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Drawn By:	P. SUITE
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Drawing Info:

FP111.3

CA - LEVEL LL2 C
FLOOR PLAN - FIRE
PROTECTION

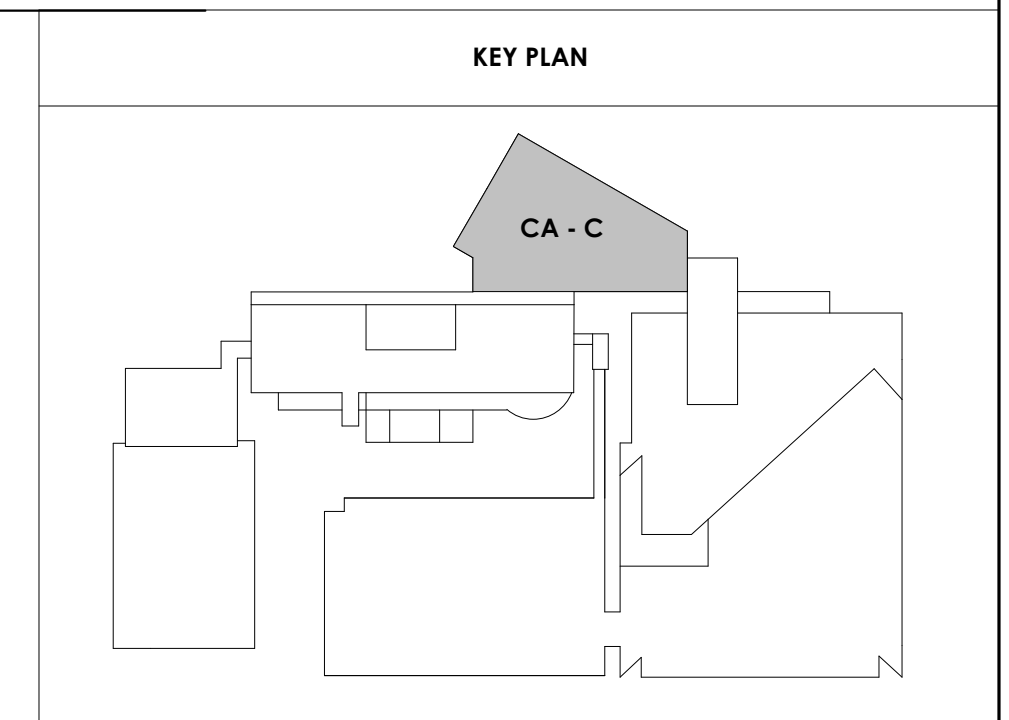


FIRE PROTECTION SHEET NOTES:

1. PROVIDE SPRINKLER UNDER LOWEST LANDING AND TOP OF SHAFT FOR ALL ENCLOSED, RATED STAIRS PER NFPA 13.
2. EXISTING SPRINKLER SYSTEM HAS BEEN REMOVED. THE RENOVATED AREAS WILL BE FULLY PROTECTED.
3. SOME STANDPIPES NOTED AS "EXISTING" WERE CONVERTED TO DRY STANDPIPES FOR USE DURING CONSTRUCTION ONLY. THESE STANDPIPES MAY REQUIRE REWORK TO ALLOW CONNECTION TO THE NEW AIS SYSTEMS, AND FOR PERMANENT BUILDING OPERATION. VERIFY SYSTEM IS IN OPERABLE CONDITION. REPAIR/REPLACEMENT WILL BE ON AN AS NEEDED BASIS. NOTIFY A/E OF AREAS IN NEED OF REPAIR/REPLACEMENT.
4. REFER TO SPECIFICATIONS AND FIRE PROTECTION SCHEDULE SHEET FOR MORE INFORMATION ON INSTALLATION OF SYSTEMS, I.E. DENSITY, HEAD TYPE, ETC.

ADD
GATE

1 CENTRAL ANNEX - LEVEL LL2 C FLOOR PLAN - FIRE PROTECTION
FP111.3 1/8" = 1'-0"





Project Information:

19018

COK SAFETY BUILDING

900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:



I.C. THOMASSON ASSOCIATES, INC.
1114 CLINCH AVENUE, SUITE 200
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www.ictthomasson.com

#	ISSUE	DATE
ADD 04.1		03/03/21

Issue Date:	FEBRUARY 1, 2021
PIC:	DAVID COLLINS
PM:	JOHN THURMAN
PA:	LAUREN BUSH /
Drawn By:	P. SUITE
Checked By:	P. MCCOWN

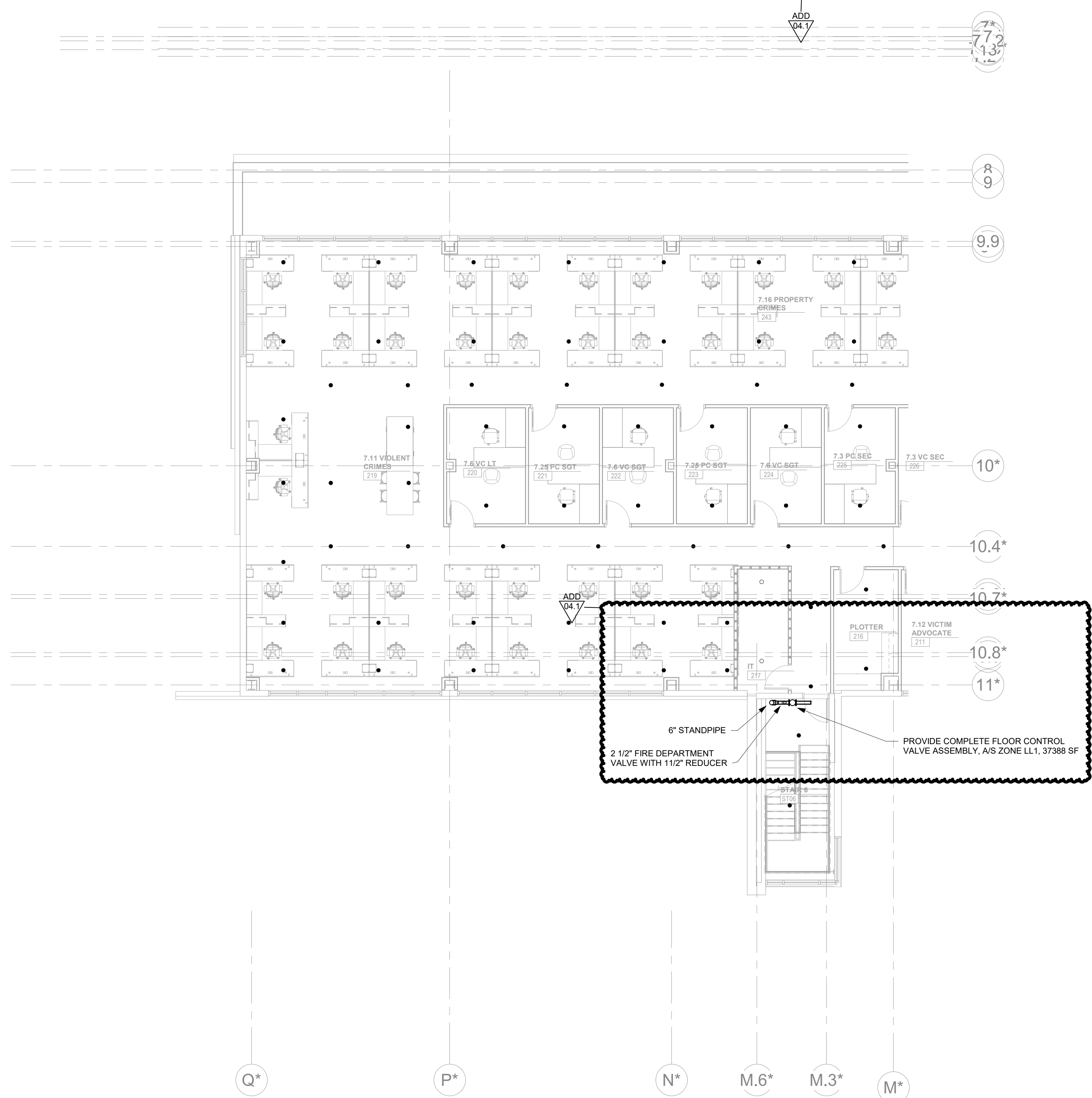
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FP112.1

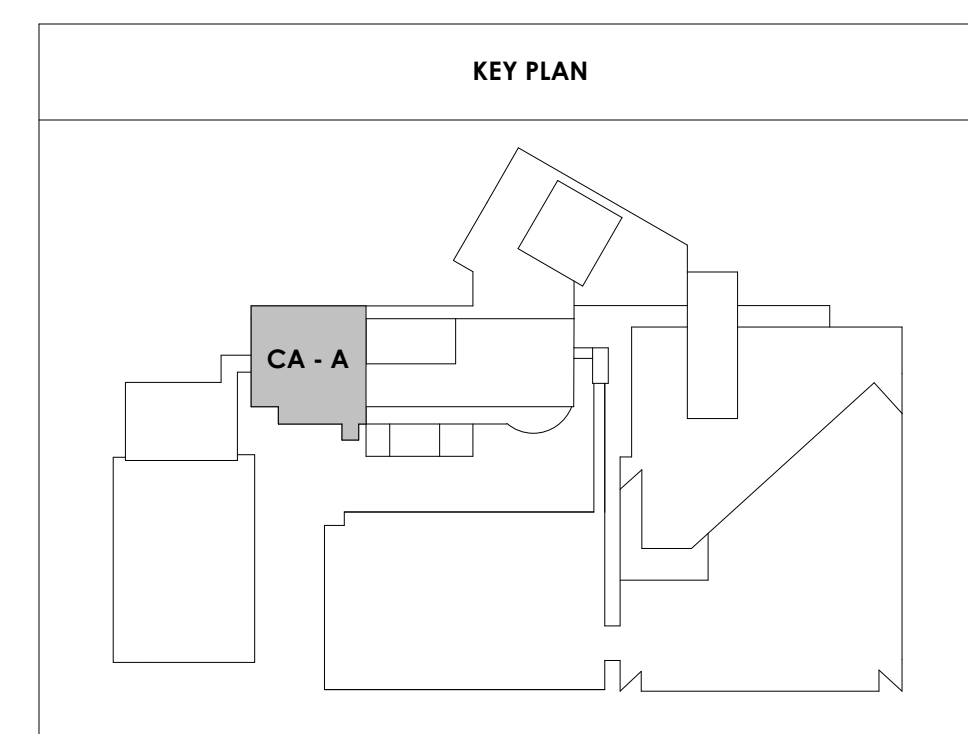
CA - LEVEL LL1 A
FLOOR PLAN - FIRE
PROTECTION

FIRE PROTECTION SHEET NOTES:

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1
FP112.1
1/8" = 1'-0"
CENTRAL ANNEX - LEVEL LL1 A FLOOR PLAN - FIRE PROTECTION





Project Information:

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#	ISSUE	DATE

Issue Date:	FEBRUARY 1, 2021
PI:	DAVID COLLINS
PM:	JOHN THURMAN
PA:	LAUREN BUSH /
Drawn By:	P. SUITE
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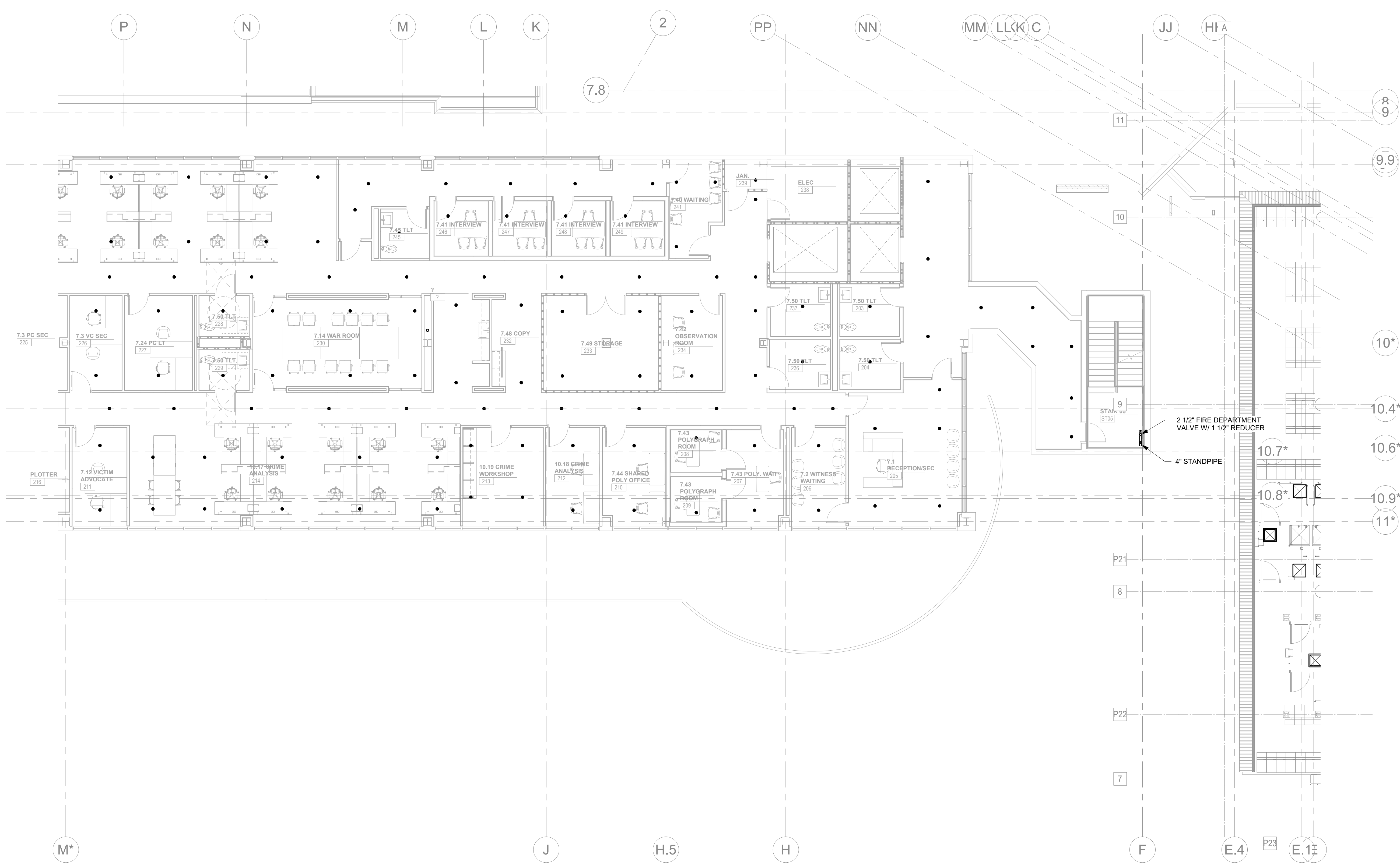
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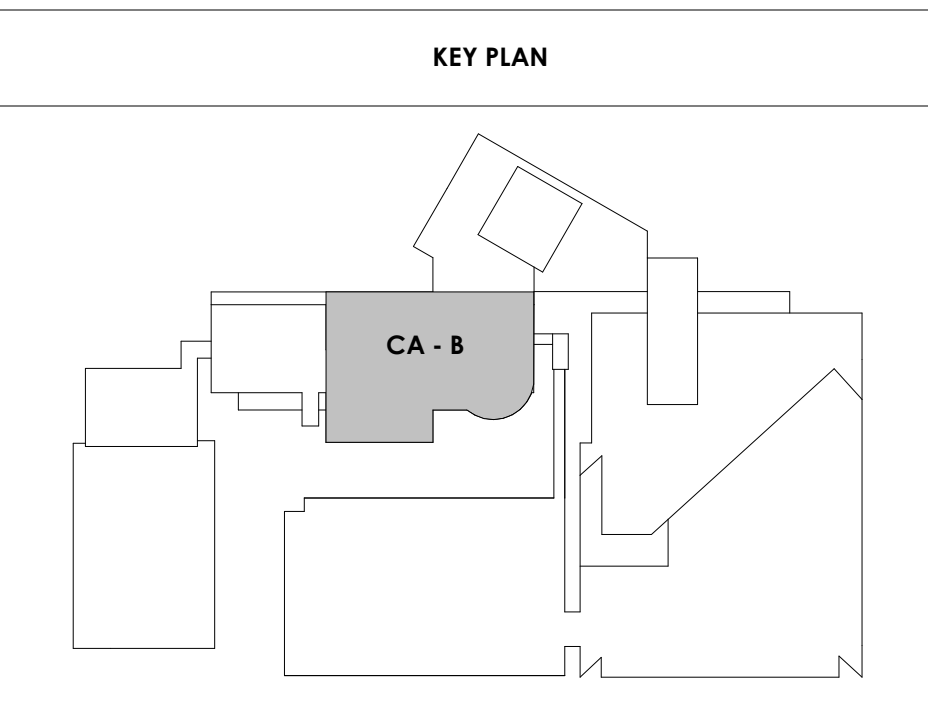
CA - LEVEL LL1 B
FLOOR PLAN - FIRE
PROTECTION

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CENTRAL ANNEX - LEVEL LL1 B FLOOR PLAN - FIRE PROTECTION
FP112.2 1/8" = 1'-0"





Project Information:

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#	ISSUE	DATE
ADD 04.1		03/03/21

Issue Date:	FEBRUARY 1, 2021
PIC:	DAVID COLLINS
PM:	JOHN THURMAN
PA:	LAUREN BUSH /
Drawn By:	P. SUITE
Checked By:	P. MCCOWN

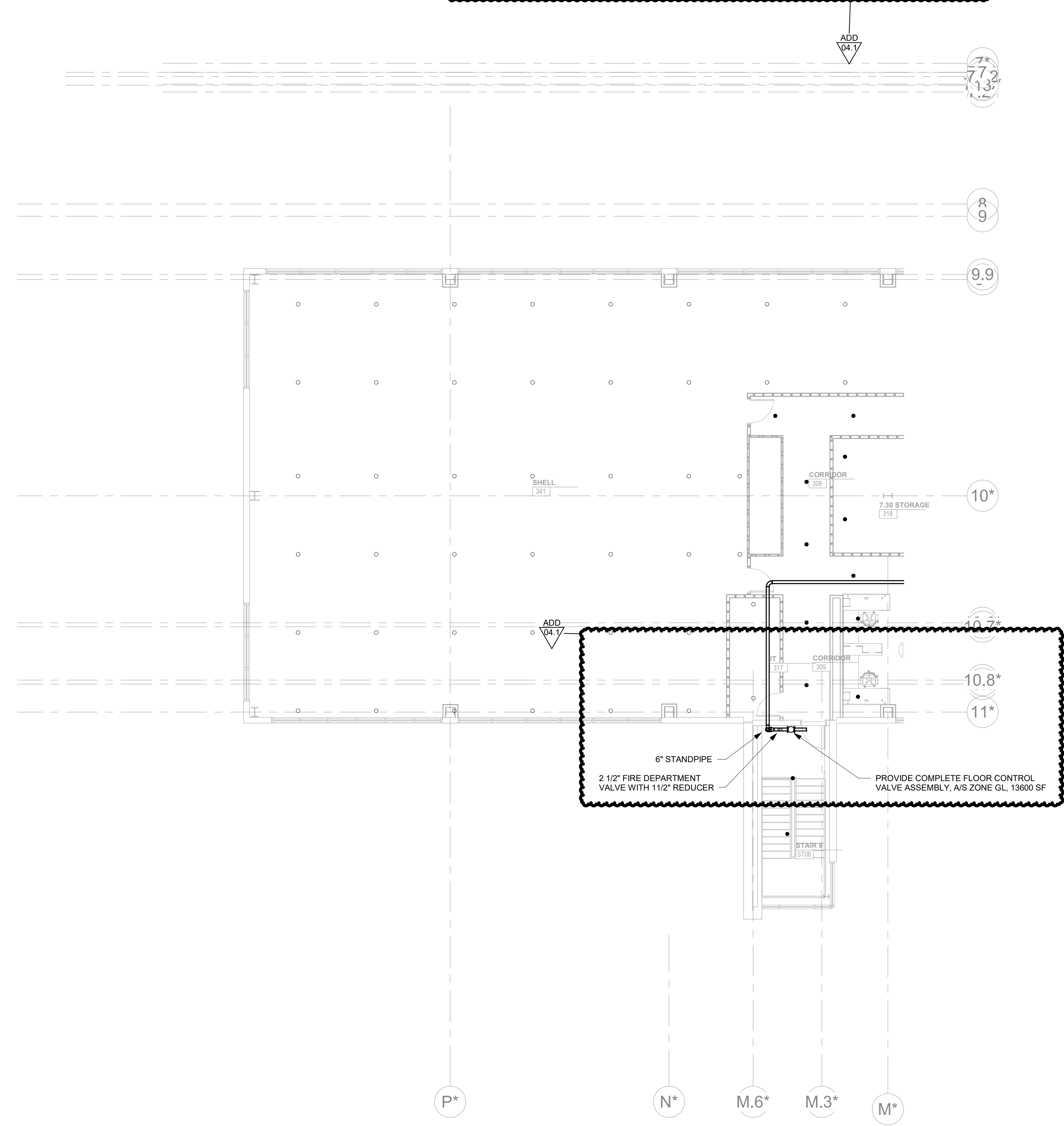
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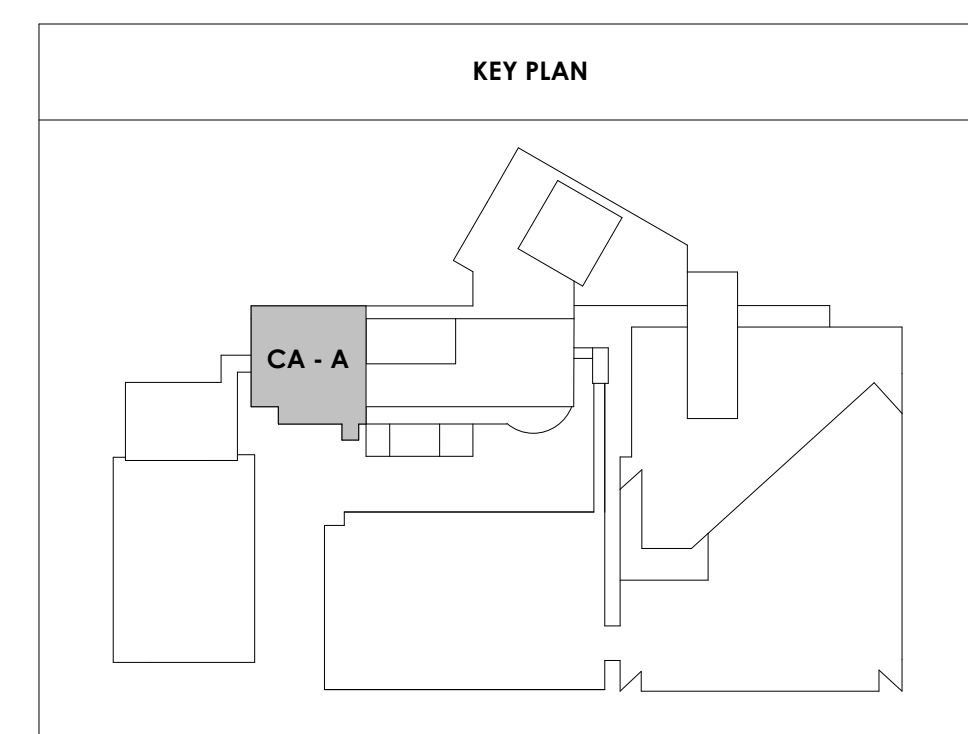
CA - LEVEL GROUND A FLOOR PLAN - FIRE PROTECTION

FIRE PROTECTION SHEET NOTES:

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CENTRAL ANNEX - GROUND LEVEL A FLOOR PLAN - FIRE PROTECTION
1
FP113.1
1/8" = 1'-0"





Project Information:

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900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:



#	ISSUE	DATE

Issue Date:	FEBRUARY 1, 2021
PIC	DAVID COLLINS
PM	JOHN THURMAN
PA	LAUREN BUSH / P. SUITE
Checked By:	P. MCCOWN

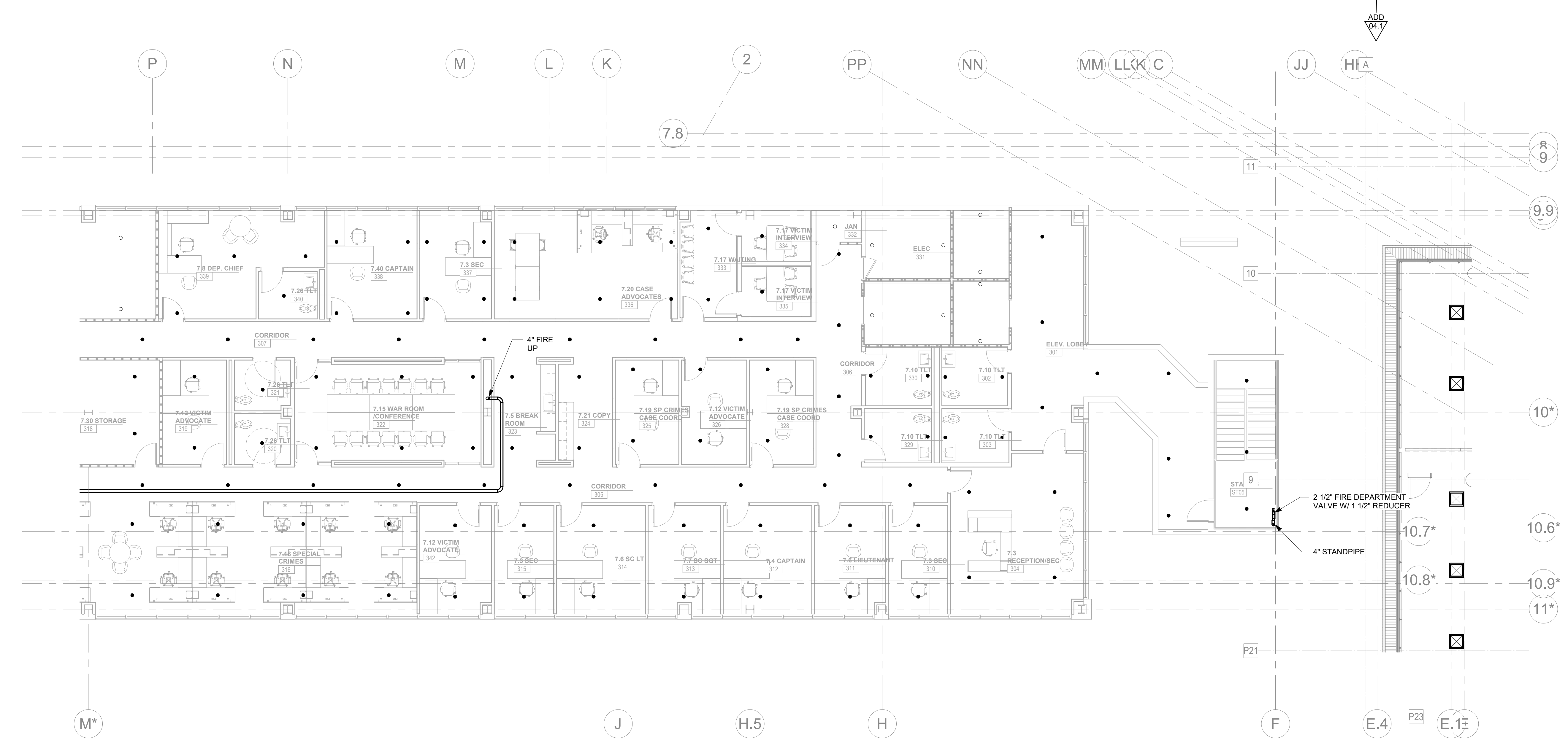
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FP113.2

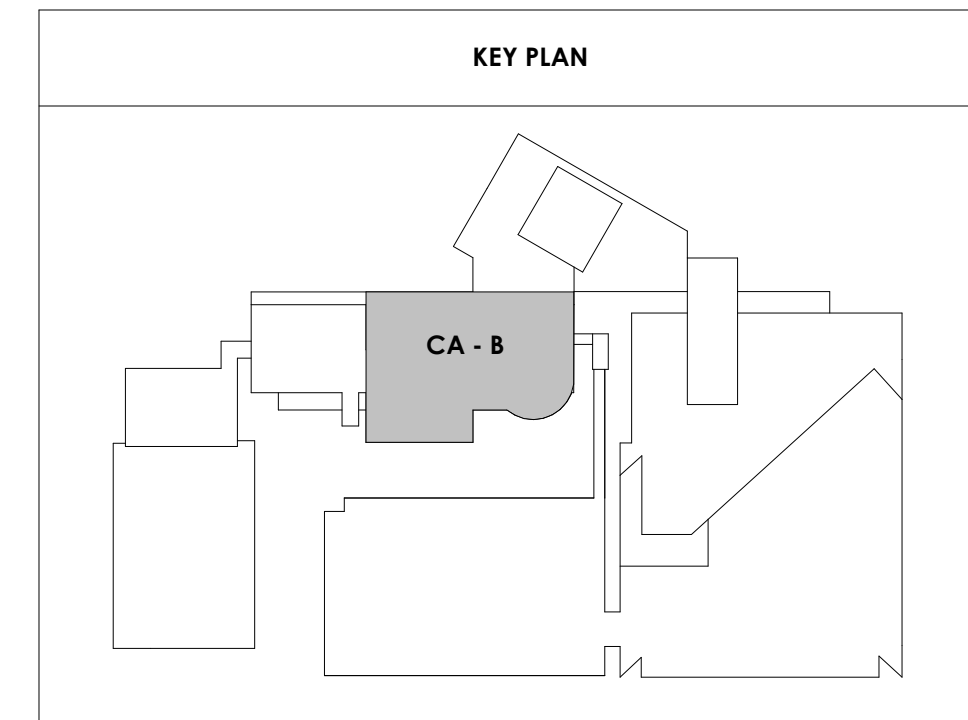
CA - LEVEL GROUND B FLOOR PLAN - FIRE PROTECTION

FIRE PROTECTION SHEET NOTES:

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1 CENTRAL ANNEX - GROUND LEVEL B FLOOR PLAN - FIRE PROTECTION
 100%
 1/8" = 1'-0"



3/30/2021 4:11:02 PM



Project Information:

19018

COK SAFETY BUILDING

900 East Oak Hill Ave, Knoxville, TN

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www.ictomasson.com

#	ISSUE	DATE

Issue Date: FEBRUARY 1, 2021
 PIC: DAVID COLLINS
 PM: JOHN THURMAN
 PA: LAUREN BUSH /
 Drawn By: Author
 Checked By: P. MCCOWN

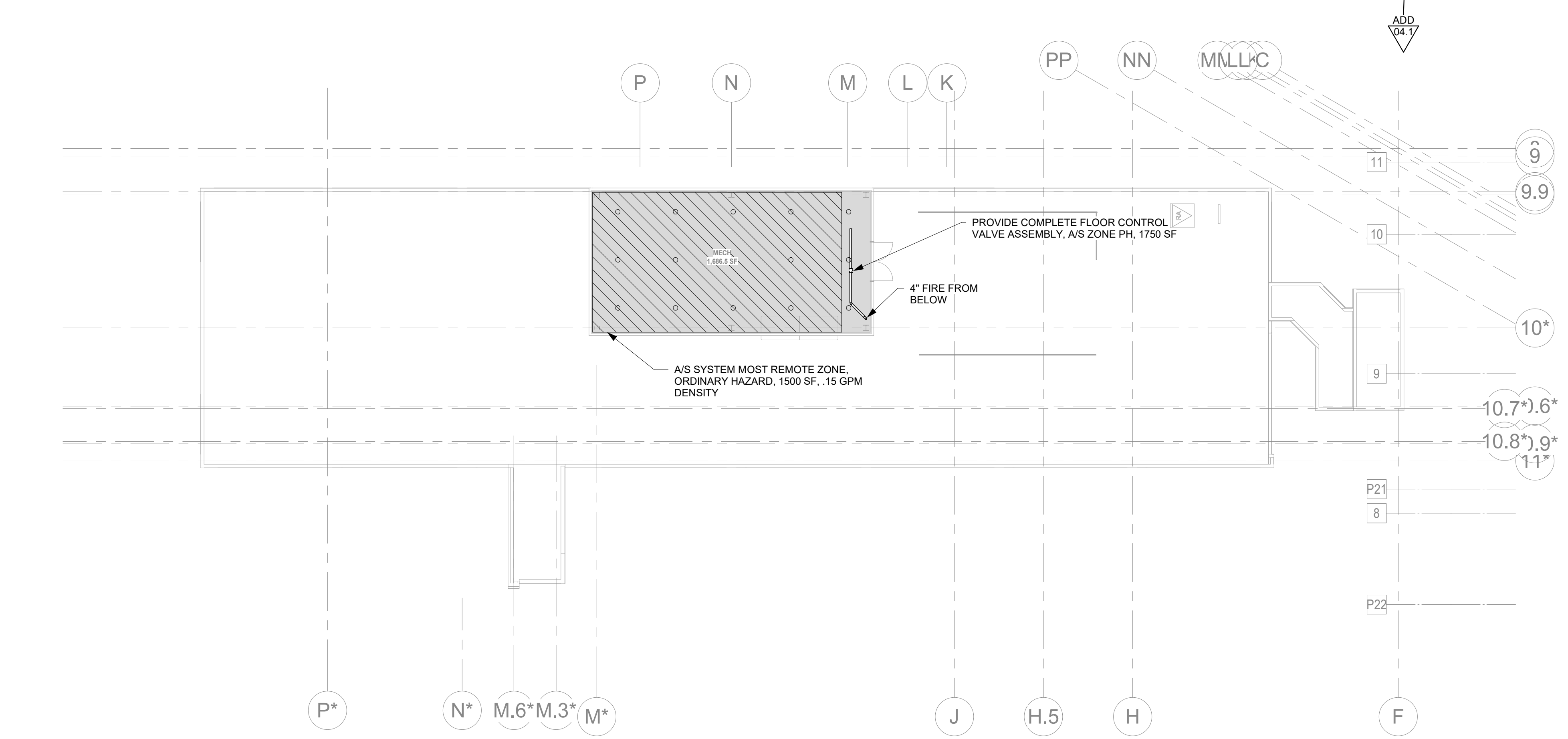
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FP114.1

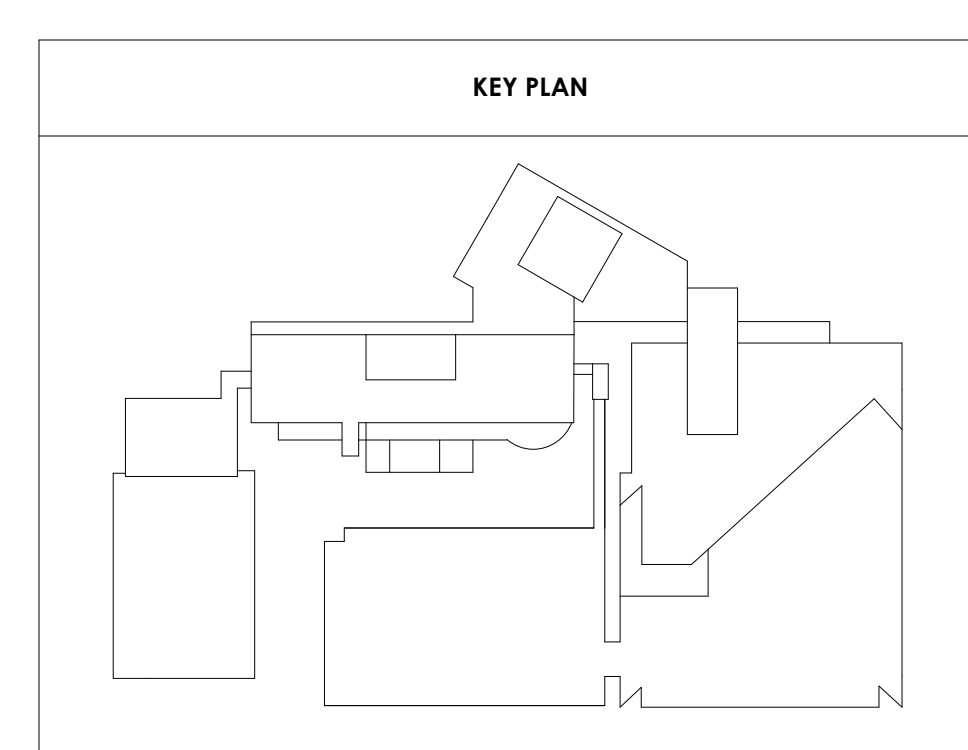
CA - FIRE PROTECTION
 - PENTHOUSE

FIRE PROTECTION SHEET NOTES:

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4. REFER TO SPECIFICATIONS AND FIRE PROTECTION SCHEDULE SHEET FOR MORE INFORMATION ON INSTALLATION OF SYSTEMS, I.E. DENSITY, HEAD TYPE, ETC.



1
 PP114.1
 CENTRAL ANNEX - PENTHOUSE OVERALL FLOOR PLAN
 - FIRE PROTECTION
 1/16" = 1'-0"





Project Information:
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COK SAFETY BUILDING

900 East Oak Hill Ave, Knoxville, TN



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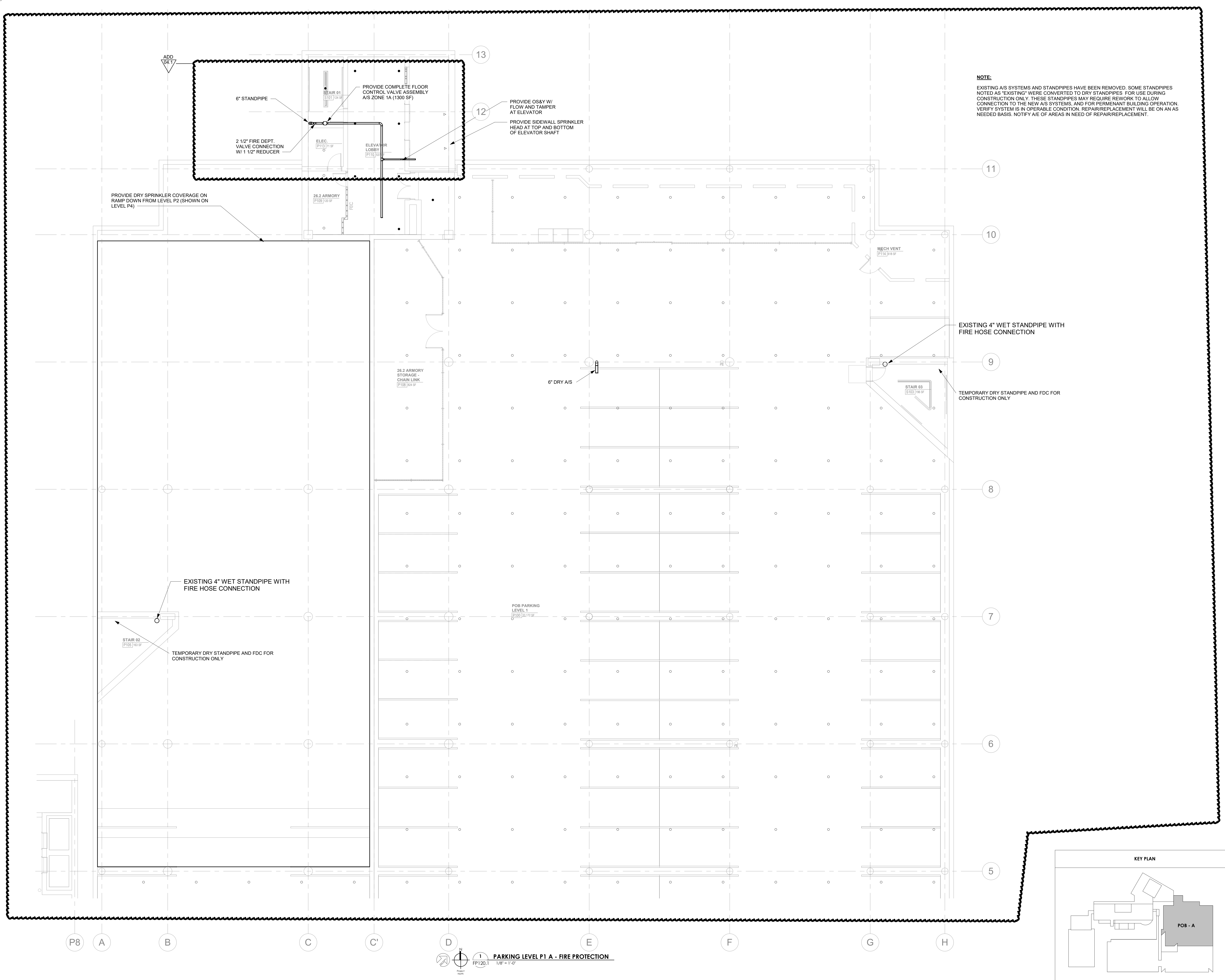
#	ISSUE	DATE
ADD 03.1		02/24/21
ADD 04.1		Date 4

Issue Date: AUGUST 28, 2020
PIC: DAVID COLLINS
PM: JOHN THURMAN
PA: LAUREN BUSH /
Drawn By: P. SUITE
Checked By: P. MCCOWN

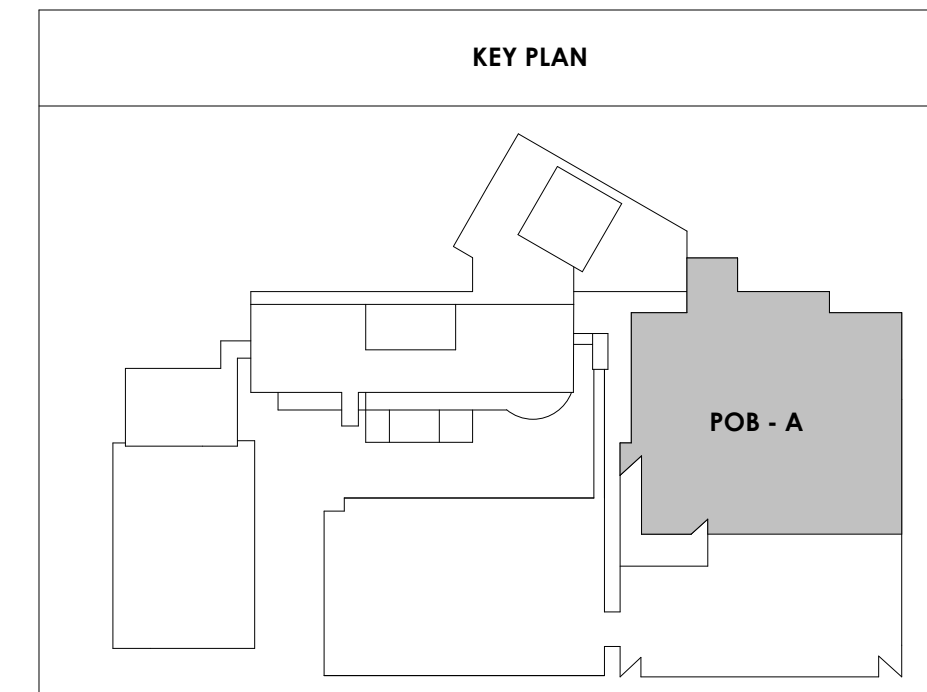
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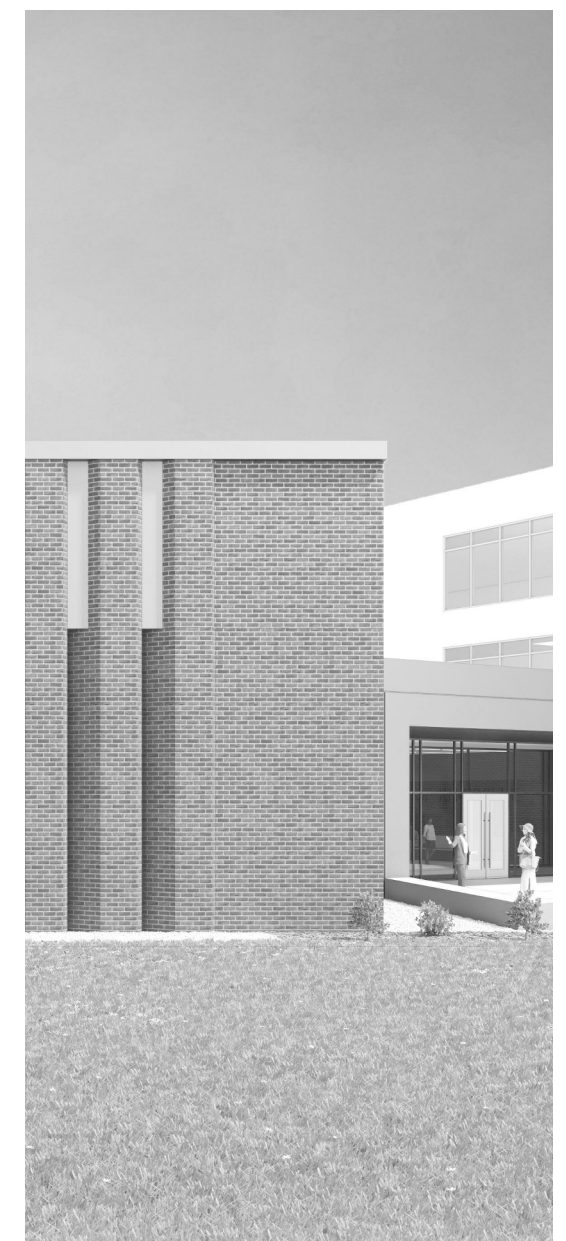
FP120.1

POB - PARKING LEVEL P1 A - FIRE PROTECTION



NOTE:
EXISTING A/S SYSTEMS AND STANDPIPES HAVE BEEN REMOVED. SOME STANDPIPES NOTED AS "EXISTING" WERE CONVERTED TO DRY STANDPIPES FOR USE DURING CONSTRUCTION ONLY. THESE STANDPIPES MAY REQUIRE REWORK TO ALLOW CONNECTION TO THE NEW A/S SYSTEMS, AND FOR PERMANENT BUILDING OPERATION. VERIFY SYSTEM IS IN OPERABLE CONDITION. REPAIR/REPLACEMENT WILL BE ON AN AS NEEDED BASIS. NOTIFY A/E OF AREAS IN NEED OF REPAIR/REPLACEMENT.





Project Information:

19018

COK SAFETY BUILDING

900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:



L.C. THOMASSON ASSOCIATES, INC.
1114 CLINCH AVENUE, SUITE 200
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FAX (865) 525-4471
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#	ISSUE	DATE
ADD 04.1		Date 4

Issue Date: AUGUST 28, 2020

PI: DAVID COLLINS

PM: JOHN THURMAN

PA: LAUREN BUSH /

Drawn By: P. SUITE

Checked By: P. MCCOWN

Drawing Info:

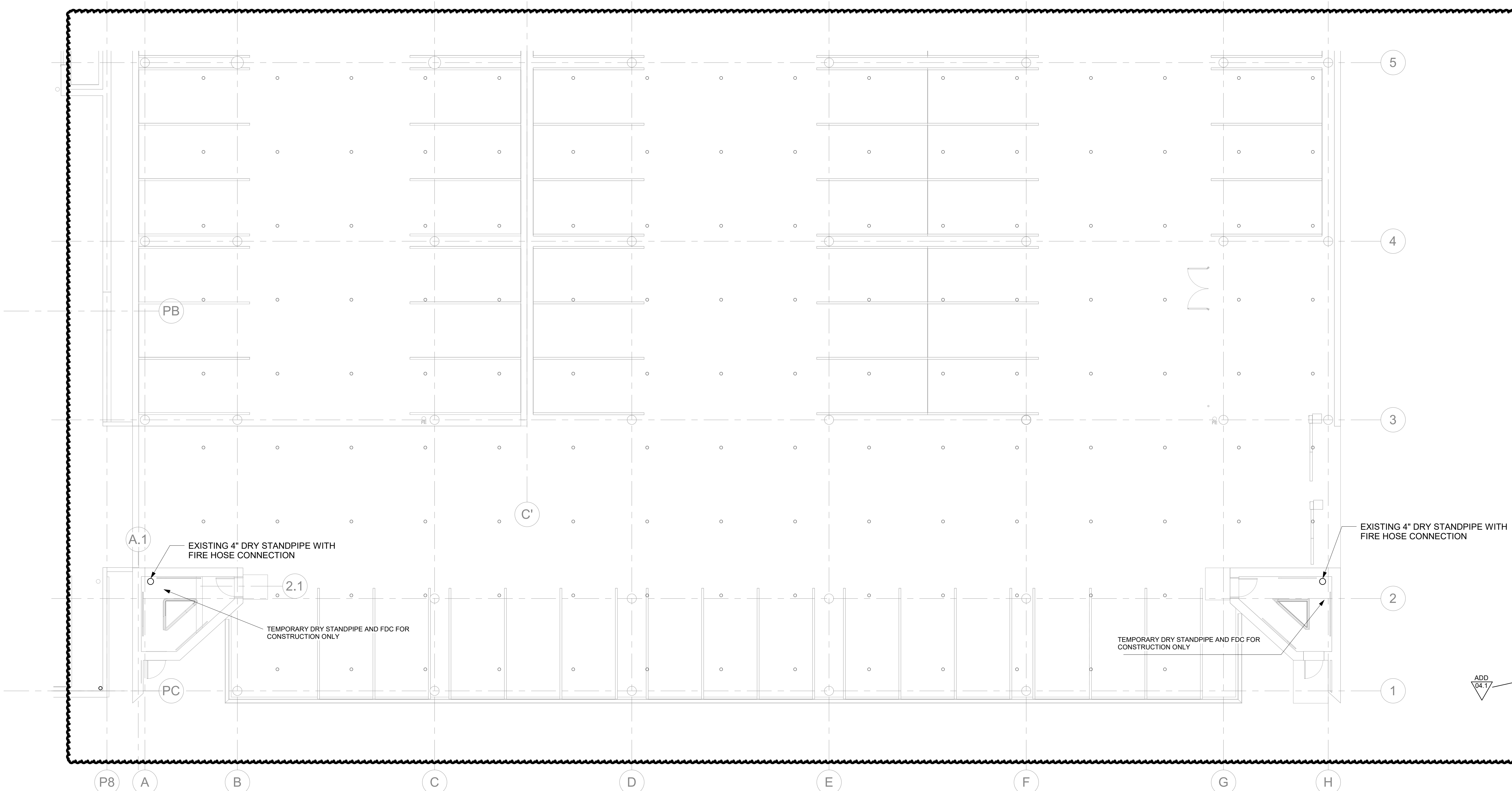
FP120.2

POB - PARKING LEVEL
P1 B - FIRE
PROTECTION

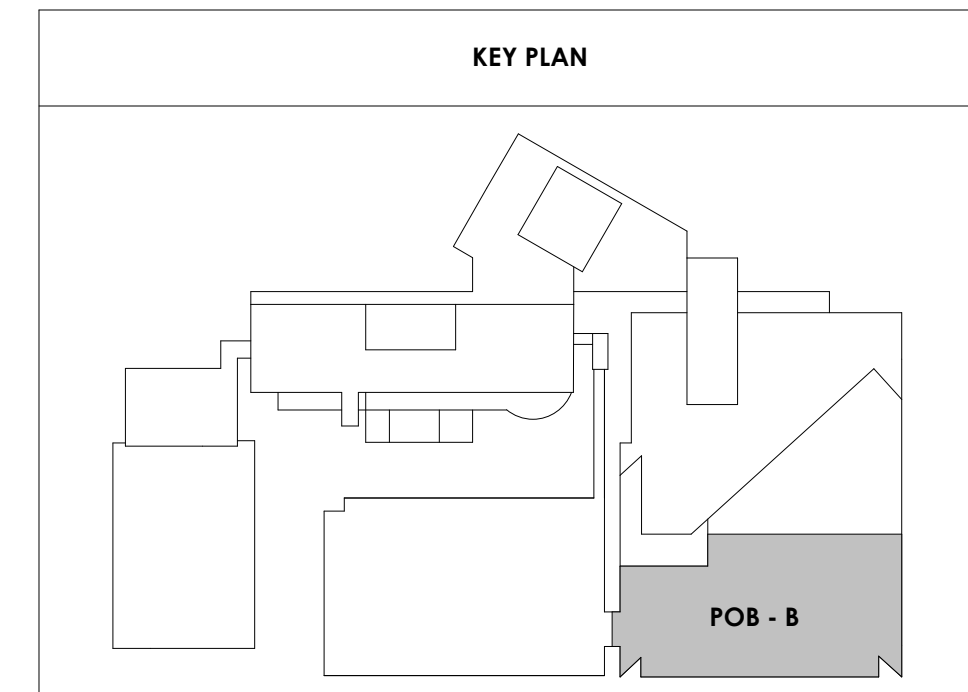
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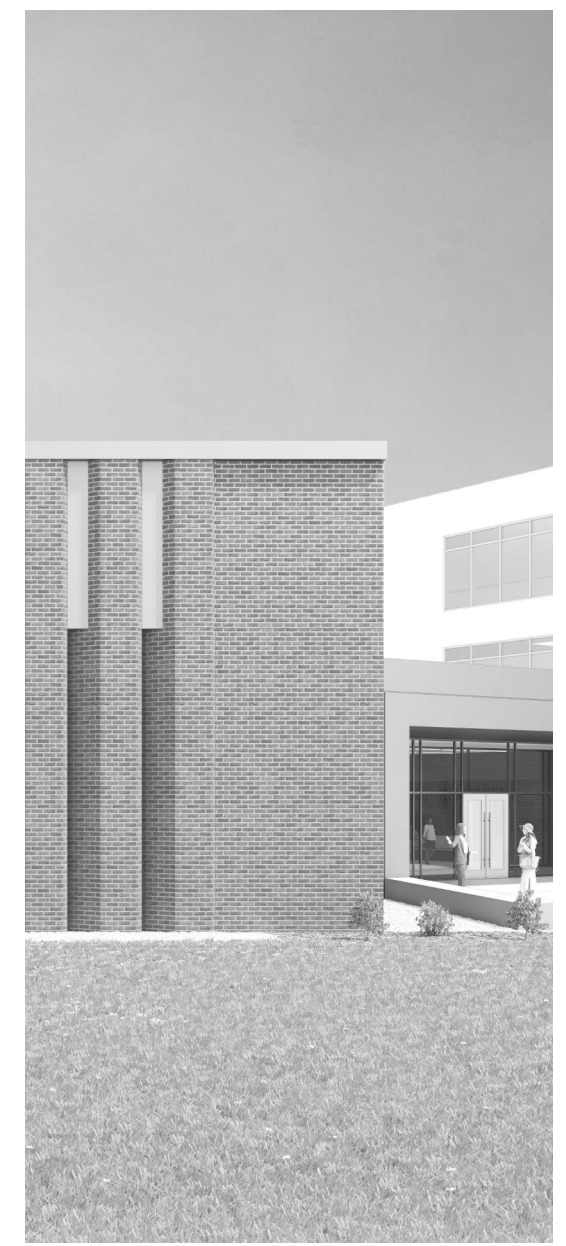
EXISTING A/S SYSTEMS AND STANDPIPES HAVE BEEN REMOVED. SOME STANDPIPES NOTED AS "EXISTING" WERE CONVERTED TO DRY STANDPIPES FOR USE DURING CONSTRUCTION ONLY. THESE STANDPIPES MAY REQUIRE REWORK TO ALLOW CONNECTION TO THE NEW A/S SYSTEMS, AND FOR PERMANENT BUILDING OPERATION. VERIFY SYSTEM IS IN OPERABLE CONDITION. REPAIR/REPLACEMENT WILL BE ON AN AS NEEDED BASIS. NOTIFY A/E OF AREAS IN NEED OF REPAIR/REPLACEMENT.

ADD 04.1



PARKING LEVEL P1 B - FIRE PROTECTION
FP120.2 1/8" = 1'-0"





Project Information:

19018

COK SAFETY BUILDING

900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:



I.C. THOMASSON ASSOCIATES, INC.
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www.ictthomasson.com

#	ISSUE	DATE
ADD 04.1		Date 4

Issue Date:	AUGUST 28, 2020
PI:	DAVID COLLINS
PM:	JOHN THURMAN
PA:	LAUREN BUSH /
Drawn By:	P. SUITE
Checked By:	P. MCCOWN

Drawing Info:

FP120.3

POB - PARKING LEVEL
P1 C - FIRE
PROTECTION

NOTE:
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ADD 04.1

EXISTING 2 1/2" DRY STANDPIPE WITH 2 1/2" FIRE HOSE CONNECTION TO REMAIN

EXISTING 4" DRY STANDPIPE WITH 2 1/2" FIRE HOSE CONNECTION TO REMAIN

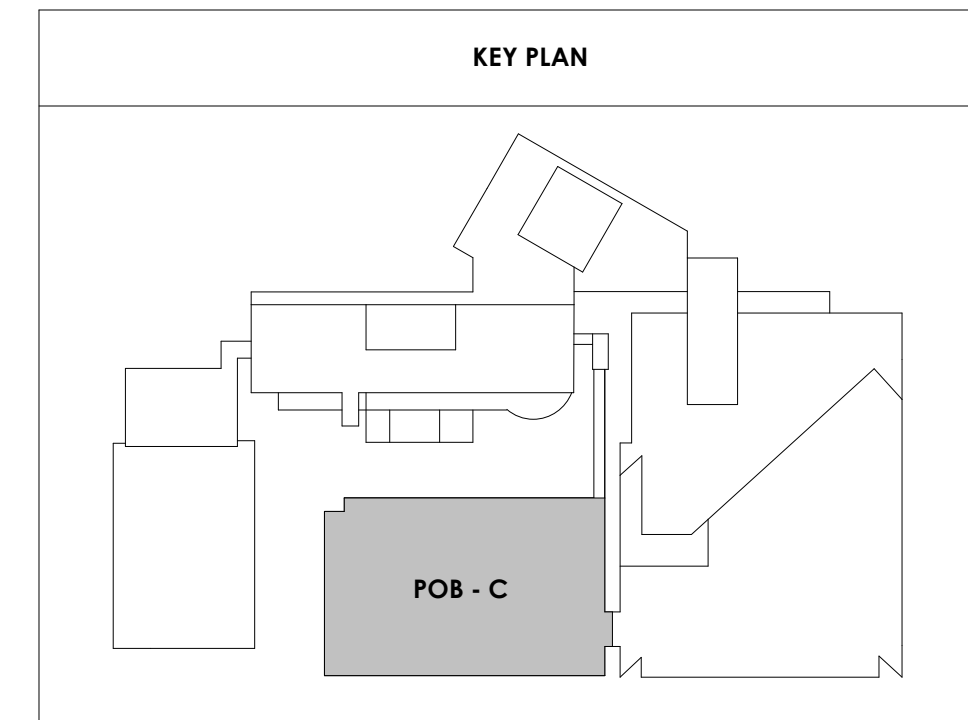
EXISTING 6" FIRE

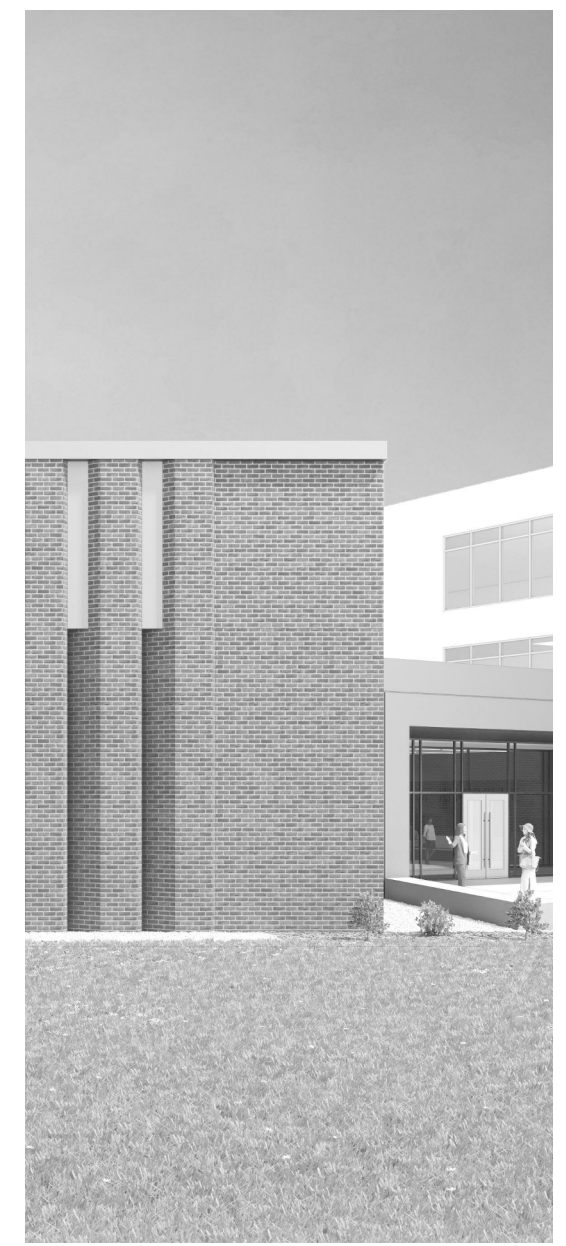
GARAGE

STAIR 06

(S108) 100' 0"

1
FP120.3
1/8" = 1'-0"





Project Information:

19018

COK SAFETY BUILDING

900 East Oak Hill Ave, Knoxville, TN

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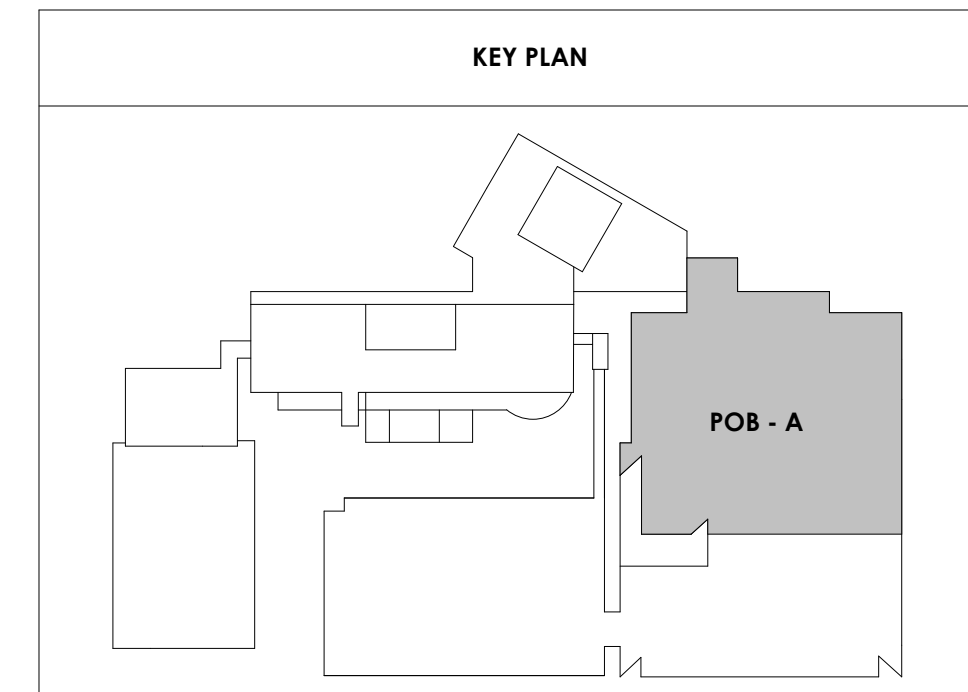
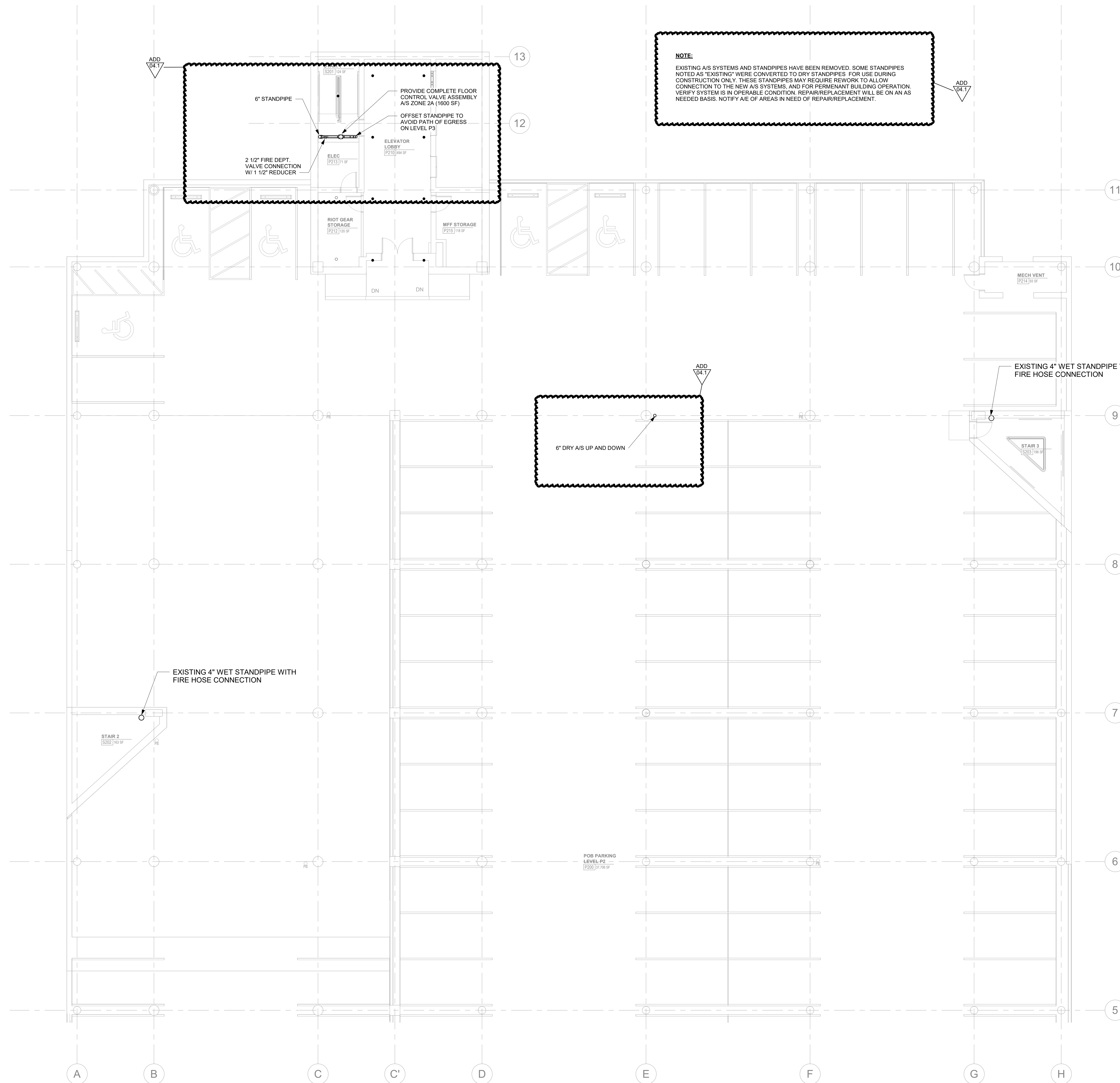
#	ISSUE	DATE
ADD 04.1		Date 4

Issue Date:	AUGUST 28, 2020
PIC	DAVID COLLINS
PM	JOHN THURMAN
PA	LAUREN BUSH /
Drawn By:	P. SUITE
Checked By:	P. MCCOWN

Drawing Info:

FP121.1

POB - PARKING LEVEL P2 A - FIRE PROTECTION



1
FP121.1
1/8" = 1'-0"
PARKING LEVEL P2 A - FIRE PROTECTION



Project Information:

19018

COK SAFETY BUILDING

900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:



#	ISSUE	DATE
ADD 04.1		Date 4

Issue Date: AUGUST 28, 2020
PIC: DAVID COLLINS
PM: JOHN THURMAN
PA: LAUREN BUSH /
Drawn By: P. SUITE
Checked By: P. MCCOWN

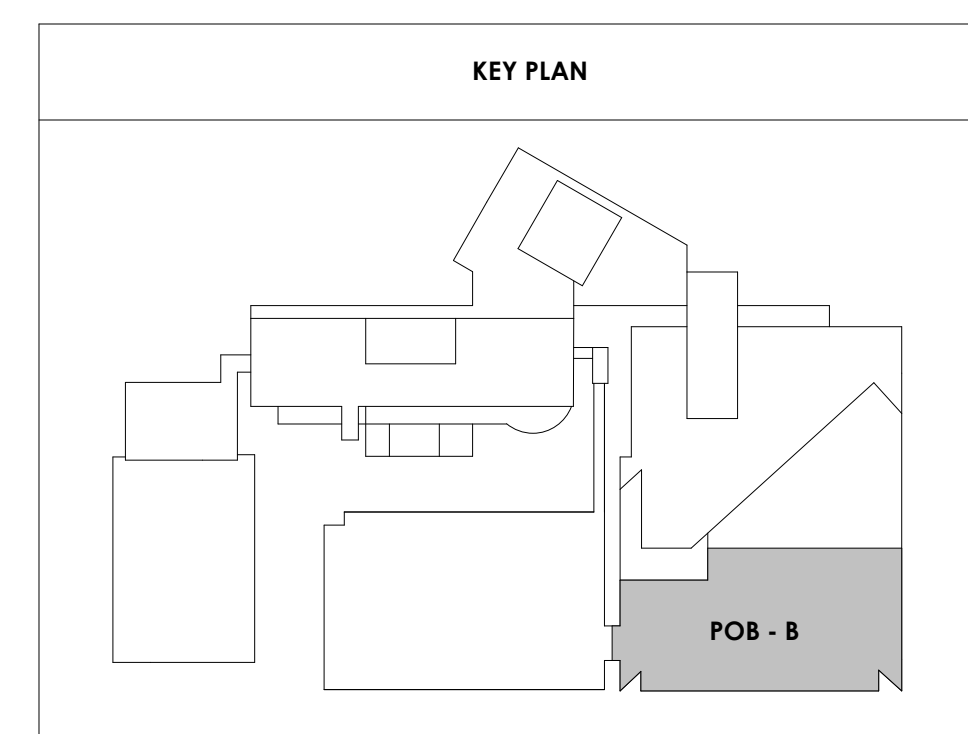
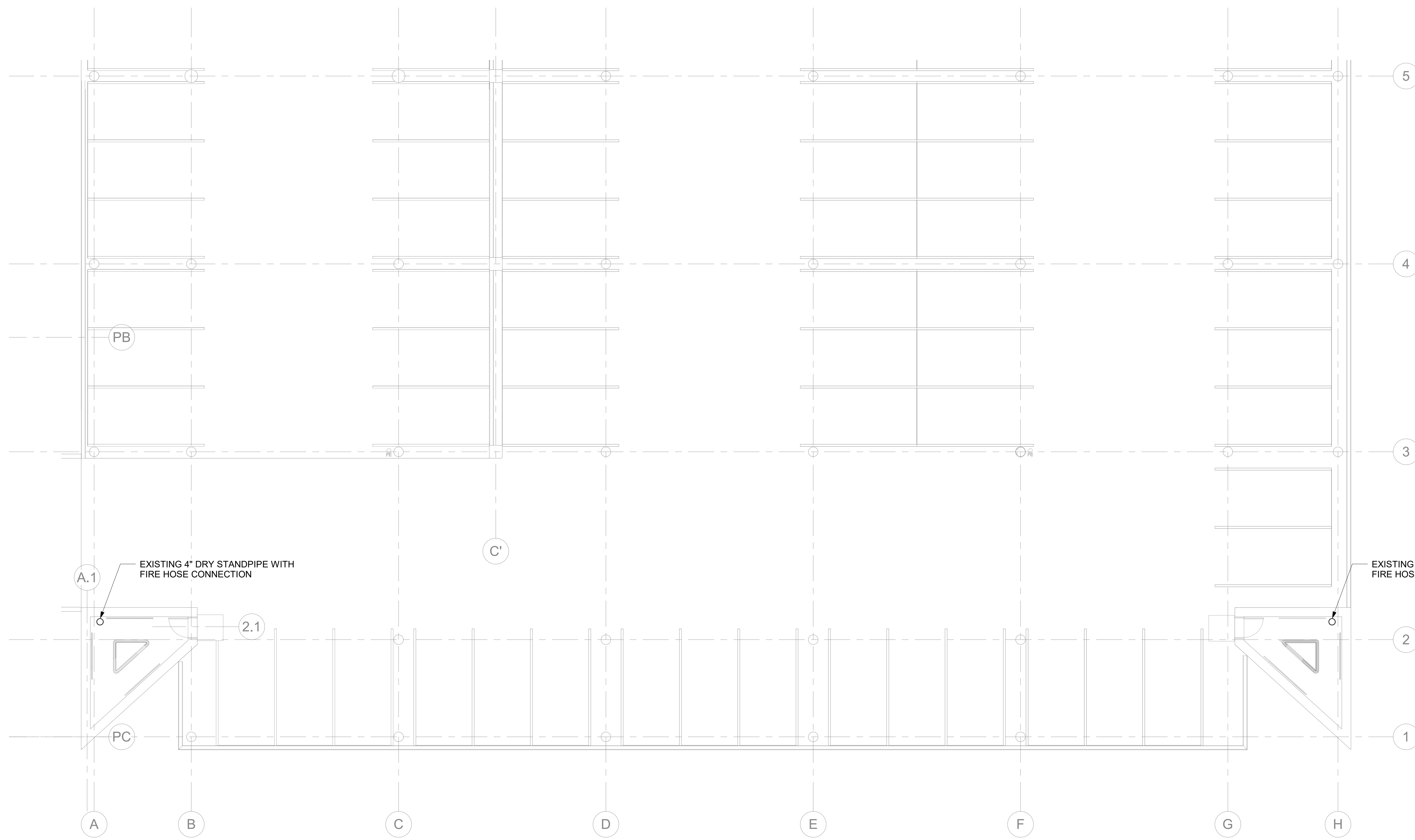
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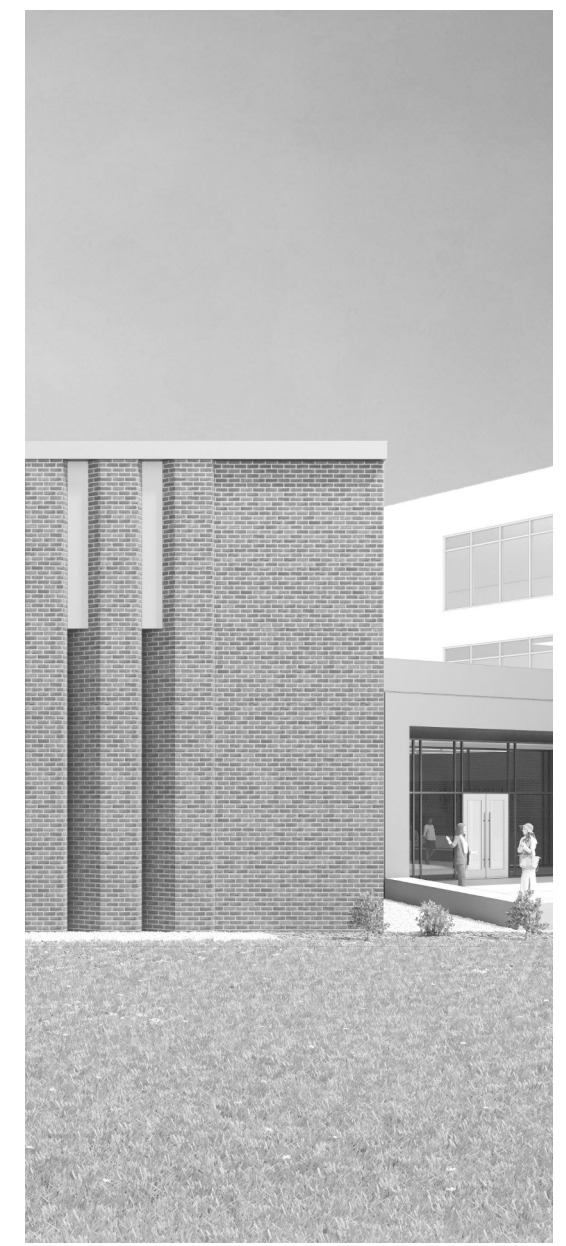
POB - PARKING LEVEL
P2 B - FIRE
PROTECTION

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ADD
04.1



1
FP121.2
1/8" = 1'-0"



Project Information:

19018

COK SAFETY BUILDING

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Seal:



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#	ISSUE	DATE
ADD 04.1		Date 4

Issue Date:	AUGUST 28, 2020
PI:	DAVID COLLINS
PM:	JOHN THURMAN
PA:	LAUREN BUSH /
Drawn By:	P. SUITE
Checked By:	P. MCCOWN

Drawing Info:

FP121.3

POB - PARKING LEVEL
P2 C - FIRE
PROTECTION

NOTE:

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ADD 04.1

EXISTING 2 1/2" DRY STANDPIPE WITH 2 1/2" FIRE HOSE CONNECTION TO REMAIN

EXISTING 6" FIRE

EXISTING 4" DRY STANDPIPE WITH 2 1/2" FIRE HOSE CONNECTION TO REMAIN

FIRE PARKING
P221 11,696 SF

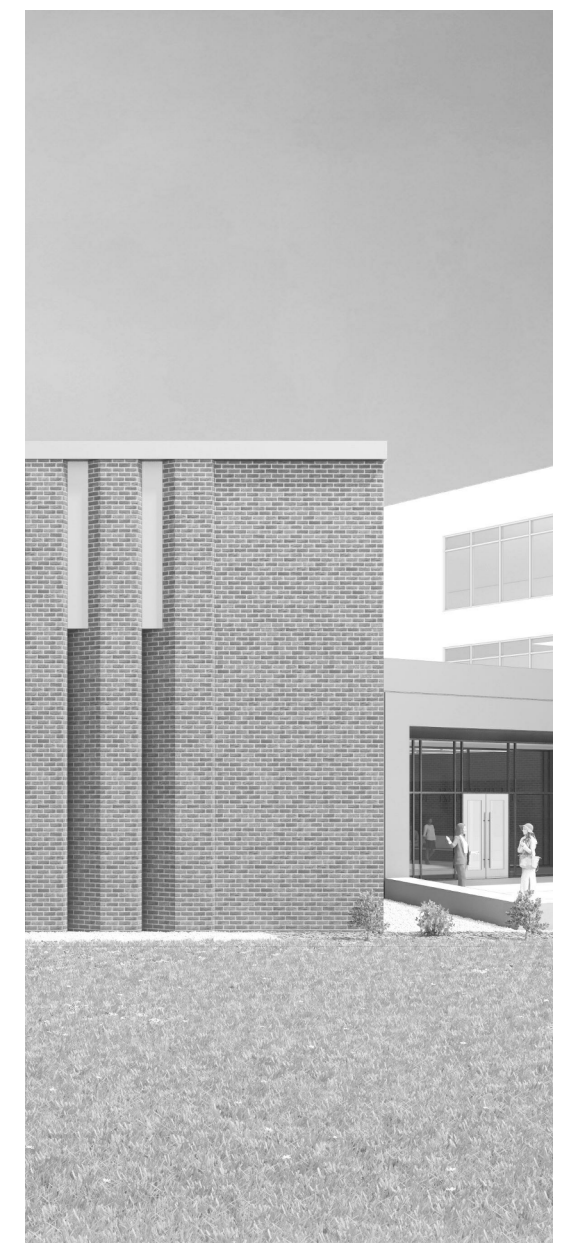
POB PARKING
ADDITION P2
P220 10,713 SF

STAIR 06
5208 171 SF

1
FP121.3
1/8" = 1'-0"

KEY PLAN

POB - C



Project Information:
19018

COK SAFETY BUILDING
900 East Oak Hill Ave, Knoxville, TN



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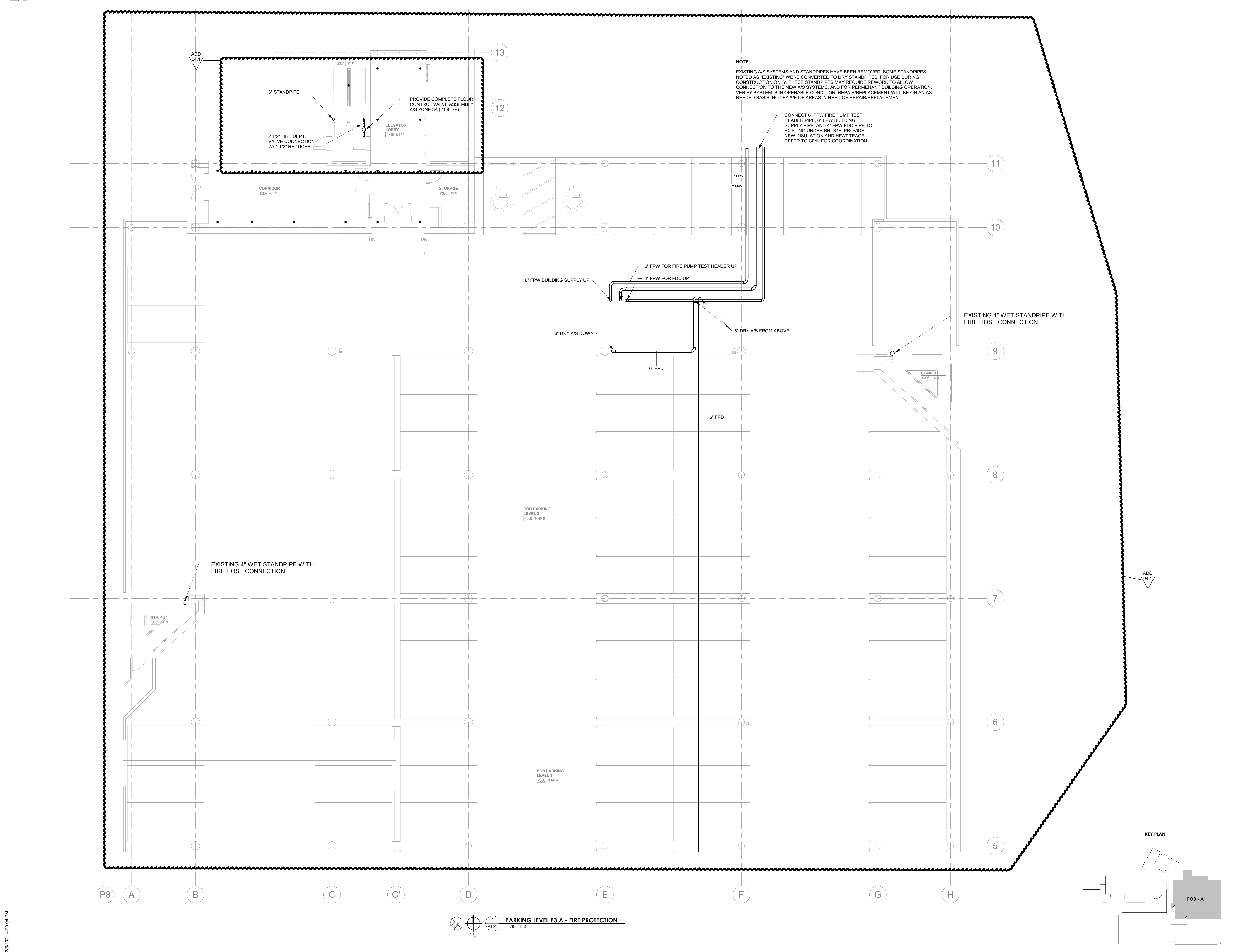
#	ISSUE	DATE
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ADD 04.1		Date 4

Issue Date: AUGUST 28, 2020
PIC: DAVID COLLINS
PM: JOHN THURMAN
PA: LAUREN BUSH /
Drawn By: P. SUITE
Checked By: P. MCCOWN

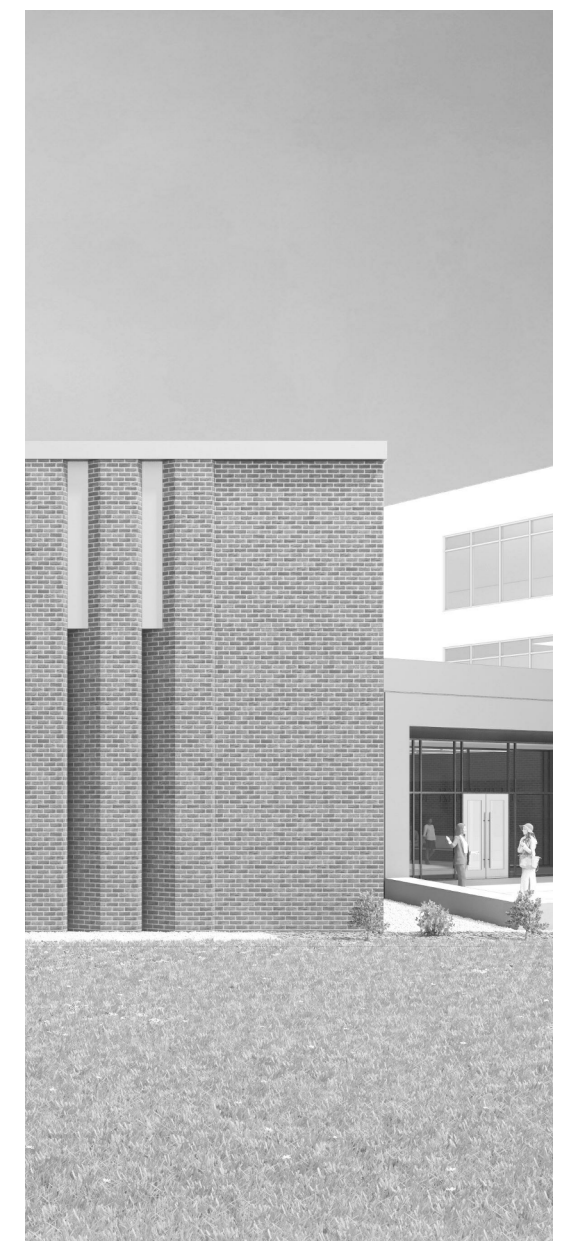
Drawing Info:

FP122.1

POB - PARKING LEVEL P3 A - FIRE PROTECTION



3/30/2021 4:20:04 PM



Project Information:

19018

COK SAFETY BUILDING

900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:



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1114 CLINCH AVENUE, SUITE 200
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ADD 04.1		Date 4

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PA:	LAUREN BUSH /
Drawn By:	P. SUITE
Checked By:	P. MCCOWN

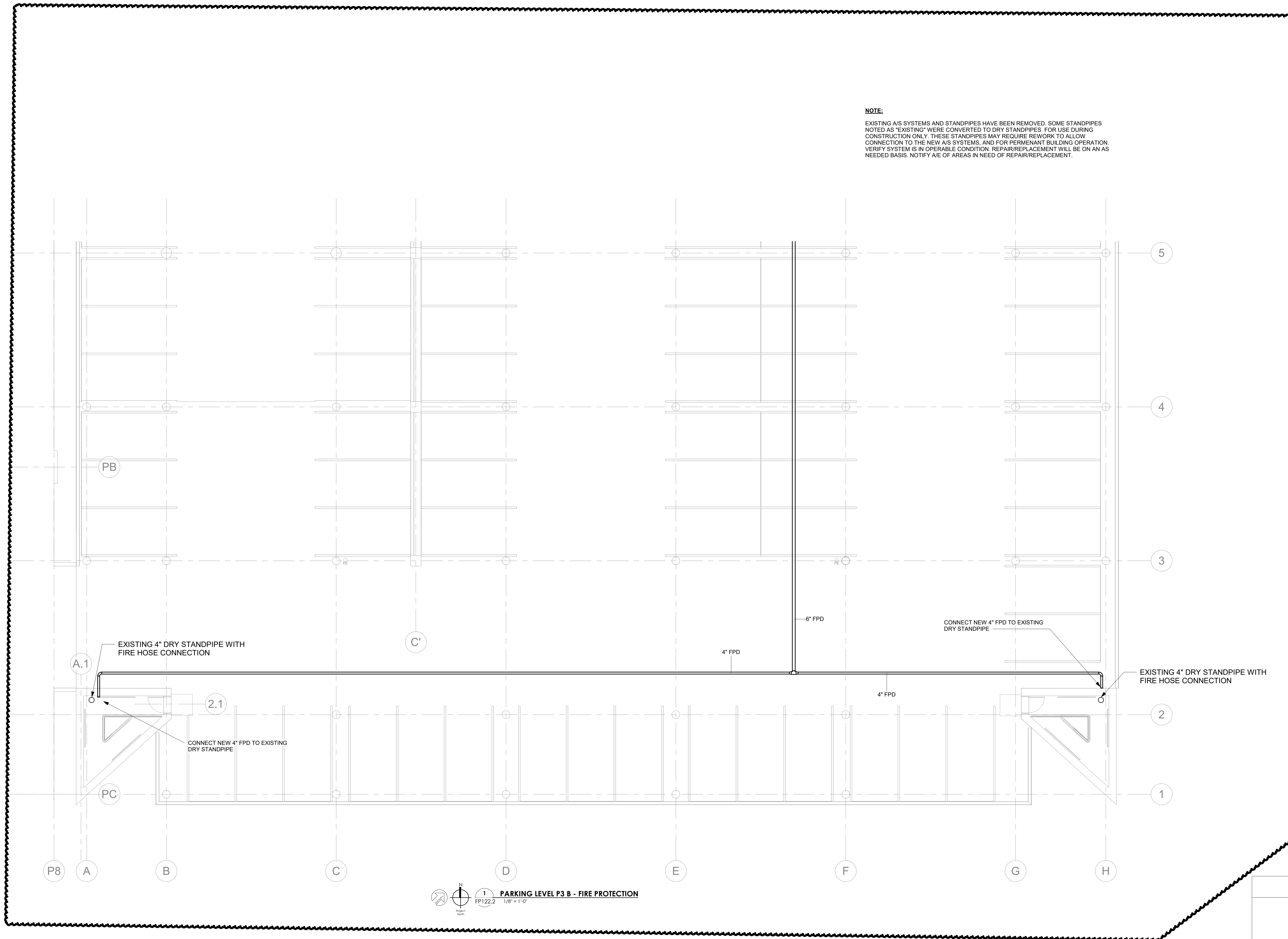
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FP122.2

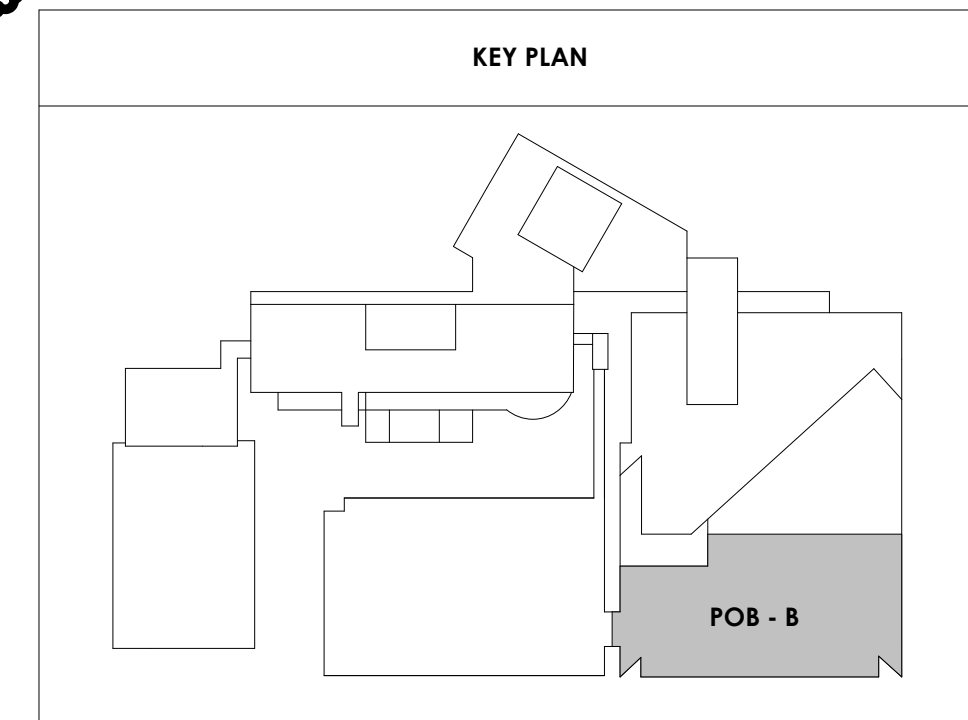
POB - PARKING LEVEL
P3 B - FIRE
PROTECTION

NOTE:

EXISTING AIS SYSTEMS AND STANDPIPES HAVE BEEN REMOVED. SOME STANDPIPES NOTED AS 'EXISTING' WERE CONVERTED TO DRY STANDPIPES FOR USE DURING CONSTRUCTION ONLY. THESE STANDPIPES MAY REQUIRE REWORK TO ALLOW CONNECTION TO THE NEW AIS SYSTEMS. AND FOR PERMANENT BUILDING OPERATION, VERIFY SYSTEM IS IN OPERABLE CONDITION. REPAIR/REPLACEMENT WILL BE ON AN AS NEEDED BASIS. NOTIFY A/E OF AREAS IN NEED OF REPAIR/REPLACEMENT.



PARKING LEVEL P3 B - FIRE PROTECTION
FP122.2
1/8" = 1'-0"





Project Information:

19018

COK SAFETY BUILDING

900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:



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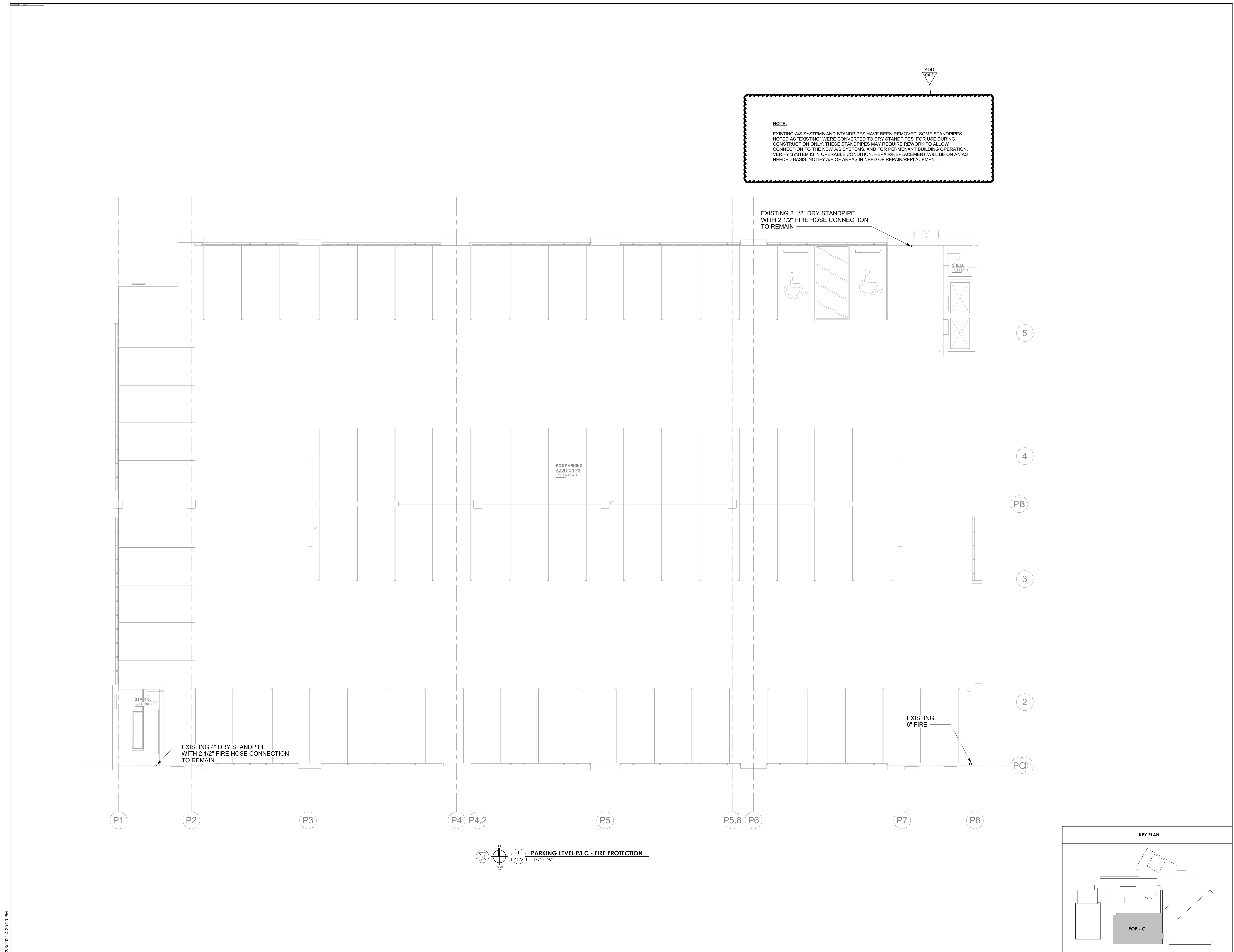
#	ISSUE	DATE
ADD 04.1		Date 4

Issue Date:	AUGUST 28, 2020
PI:	DAVID COLLINS
PM:	JOHN THURMAN
PA:	LAUREN BUSH /
Drawn By:	P. SUITE
Checked By:	P. MCCOWN

Drawing Info:

FP122.3

POB - PARKING LEVEL
P3 C - FIRE
PROTECTION



3/30/2021 4:20:20 PM



Project Information:

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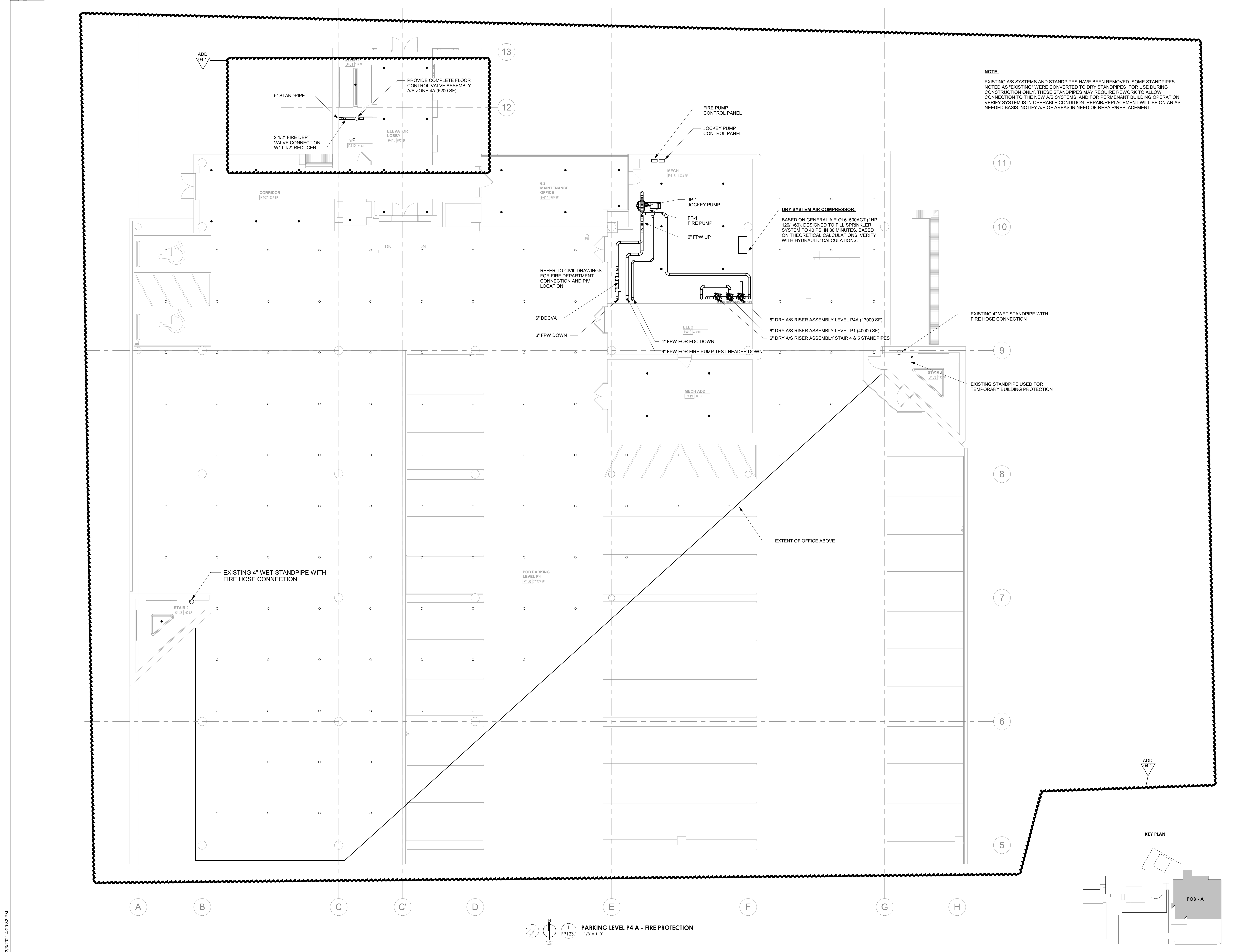
#	ISSUE	DATE
ADD 03.1		02/24/21
ADD 04.1		Date 4

Issue Date:	AUGUST 28, 2020
PIC	DAVID COLLINS
PM	JOHN THURMAN
PA	LAUREN BUSH /
Drawn By:	P. SUITE
Checked By:	P. MCCOWN

Drawing Info:

FP123.1

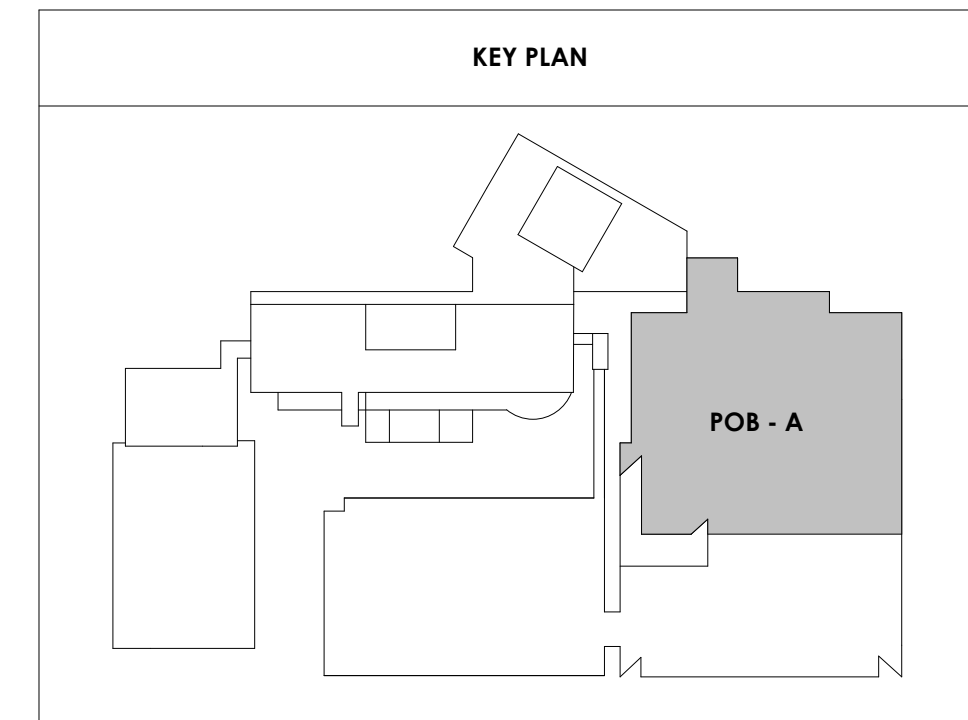
POB - PARKING LEVEL P4 A - FIRE PROTECTION



NOTE:
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DRY SYSTEM AIR COMPRESSOR:
BASED ON GENERAL AIR QL61500ACT (1HP, 120/1/60). DESIGNED TO FILL SPRINKLER SYSTEM TO 40 PSI IN 30 MINUTES. BASED ON THEORETICAL CALCULATIONS. VERIFY WITH HYDRAULIC CALCULATIONS.

PARKING LEVEL P4 A - FIRE PROTECTION
1/8" = 1'-0"





Project Information:

19018

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#	ISSUE	DATE
ADD 04.1		Date 4

Issue Date:	AUGUST 28, 2020
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Drawn By:	P. SUITE
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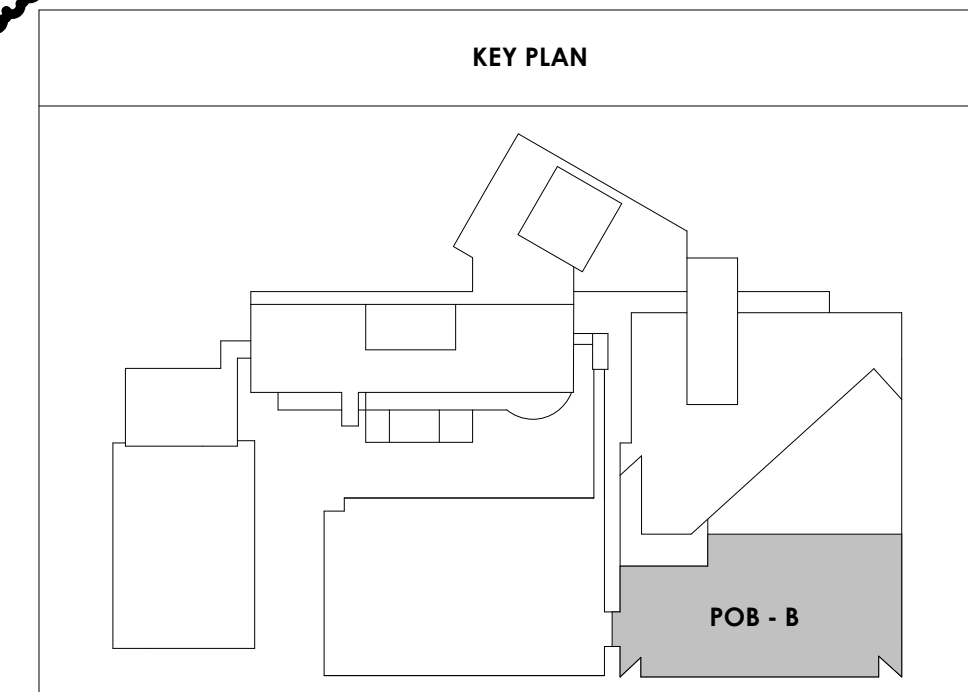
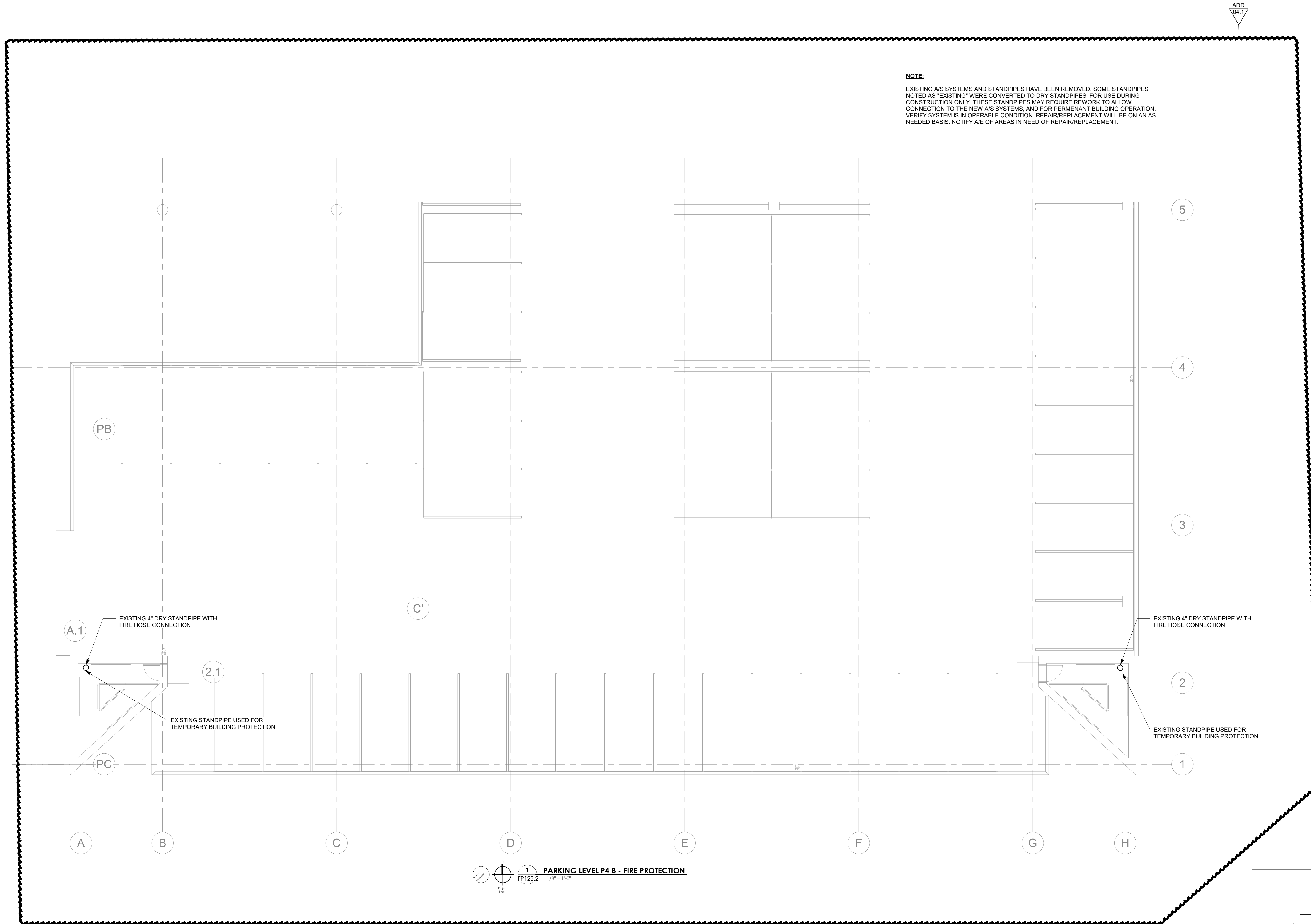
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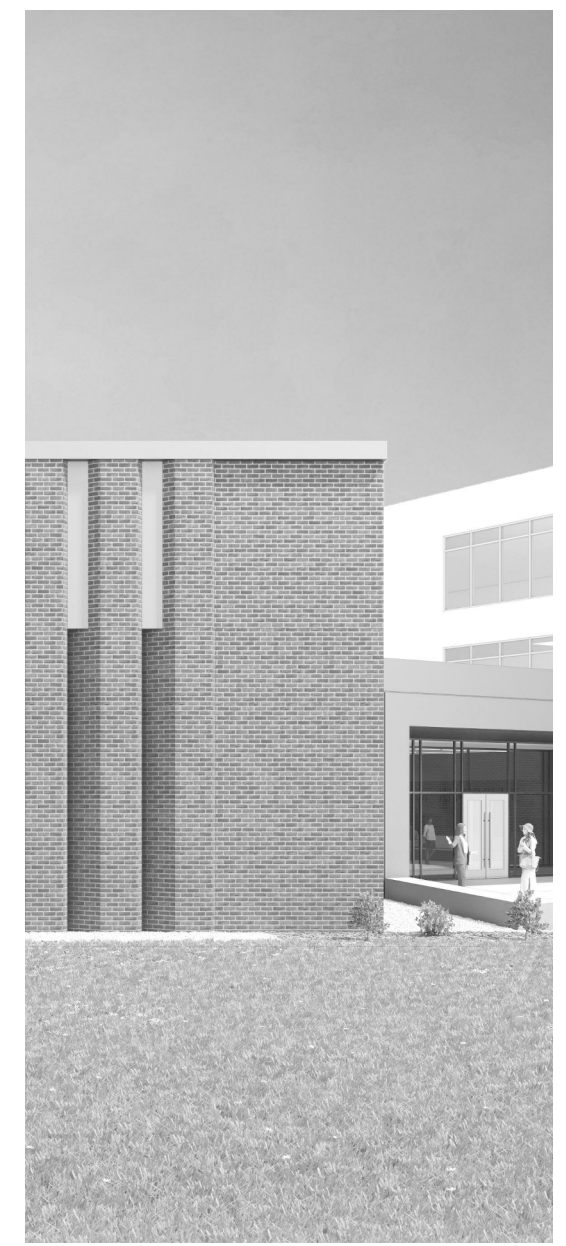
FP123.2

POB - PARKING LEVEL
P4 B - FIRE
PROTECTION

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ADD 04.1		Date 4

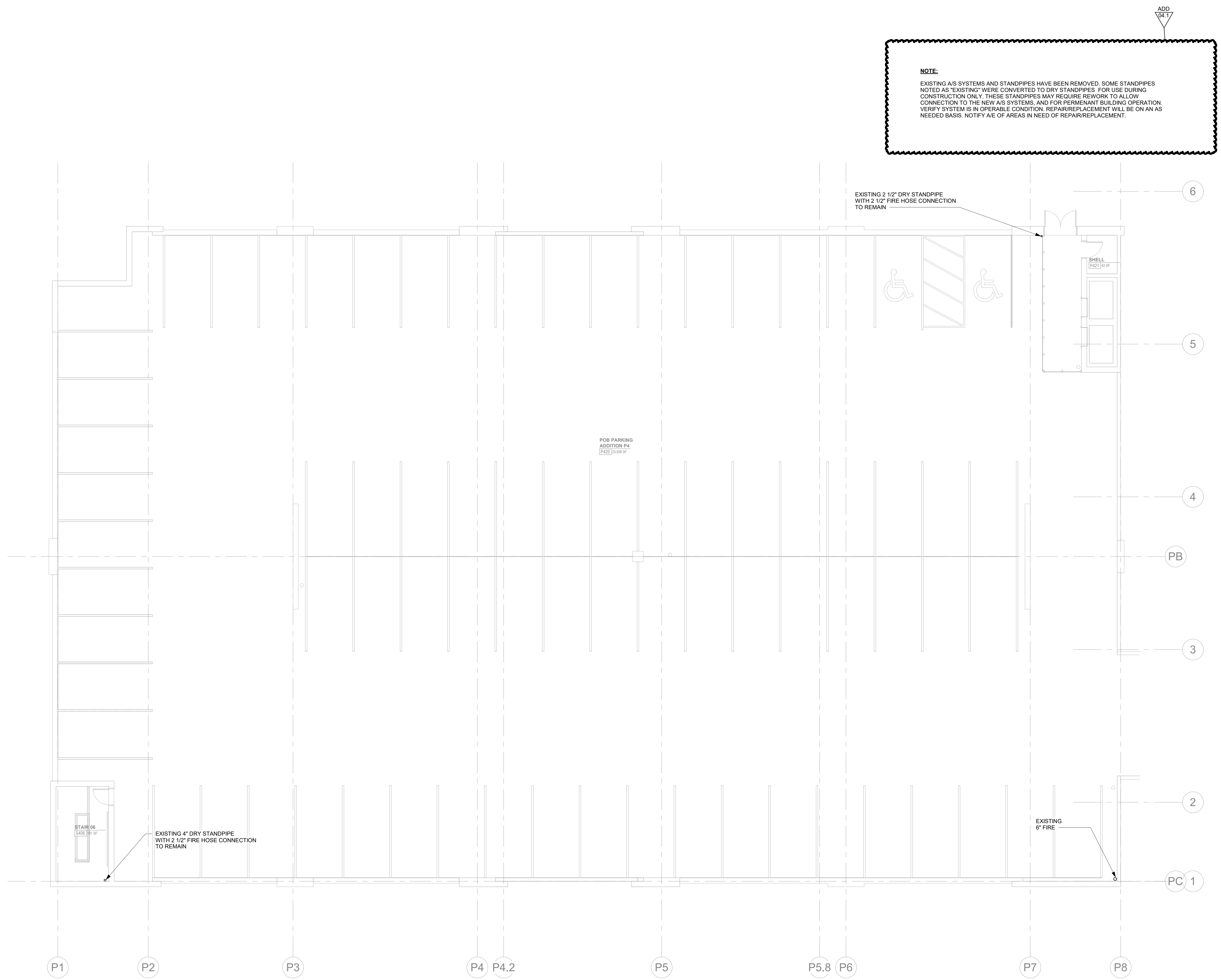
Issue Date:	AUGUST 28, 2020
PI:	DAVID COLLINS
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Drawn By:	P. SUITE
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Drawing Info:

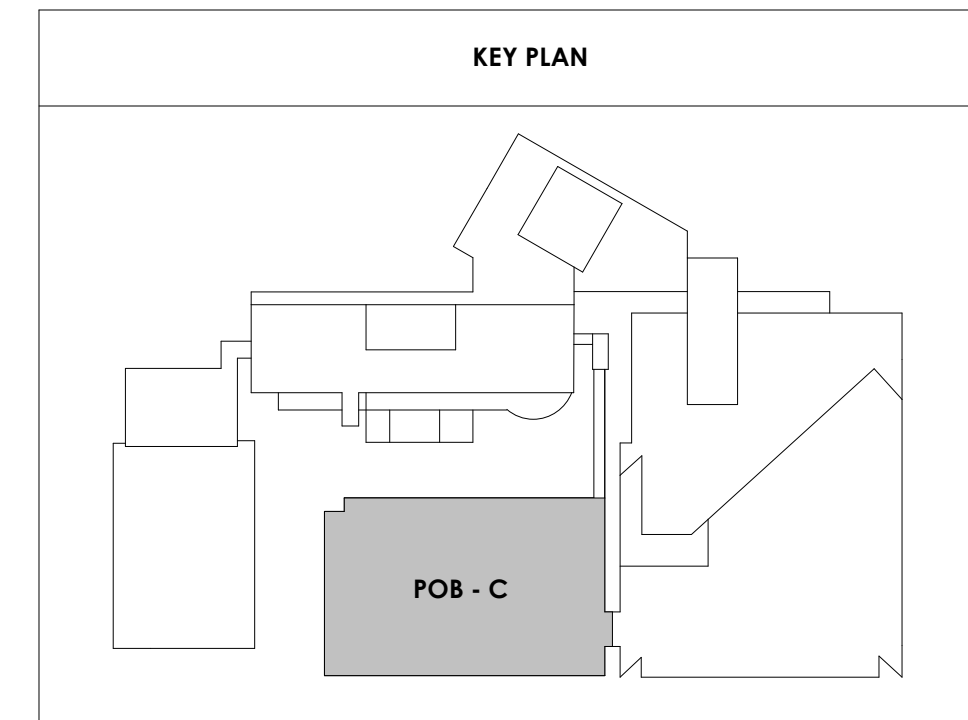
FP123.3

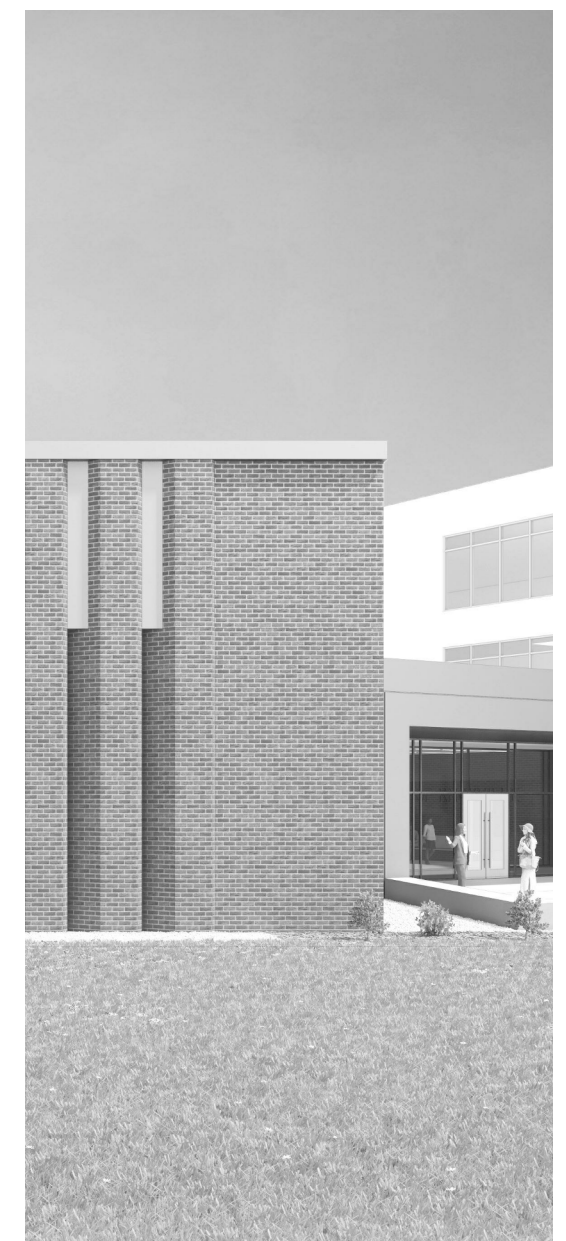
POB - PARKING LEVEL
P4 C - FIRE
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1 PARKING LEVEL P4 C - FIRE PROTECTION
FP123.3 1/8" = 1'-0"





Project Information:

19018

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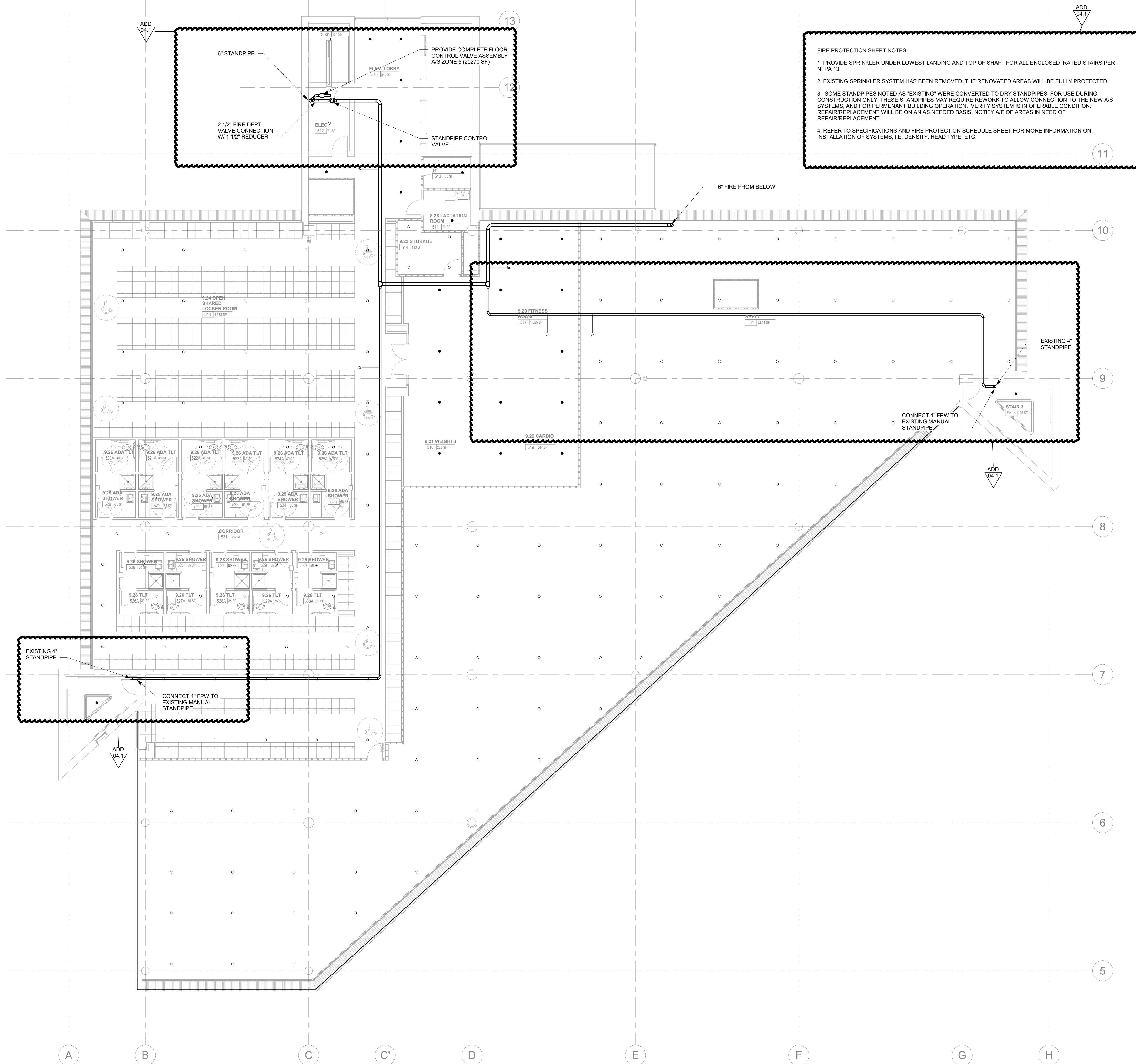
#	ISSUE	DATE
ADD 03.1		02/24/21
ADD 04.1		Date 4

Issue Date:	AUGUST 28, 2020
PK:	DAVID COLLINS
PM:	JOHN THURMAN
PA:	LAUREN BUSH /
Drawn By:	P. SUITE
Checked By:	P. MCCOWN

Drawing Info:

FP124

POB - OFFICE LEVEL 5 FLOOR PLAN - FIRE PROTECTION

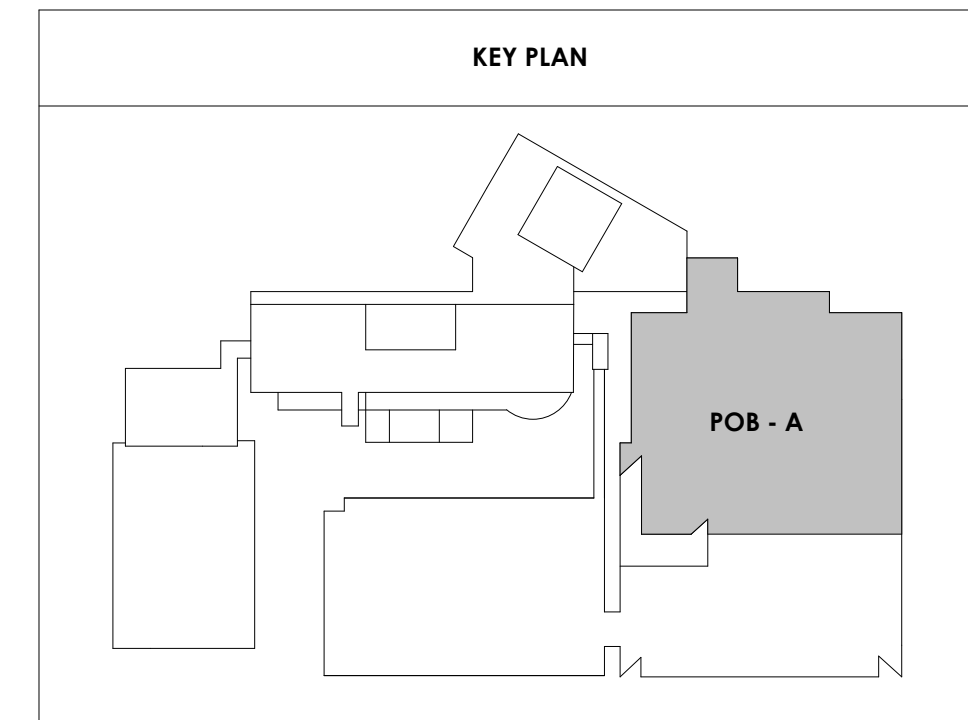


FIRE PROTECTION SHEET NOTES:

1. PROVIDE SPRINKLER UNDER LOWEST LANDING AND TOP OF SHAFT FOR ALL ENCLOSED RATED STAIRS PER NFPA 13.
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4. REFER TO SPECIFICATIONS AND FIRE PROTECTION SCHEDULE SHEET FOR MORE INFORMATION ON INSTALLATION OF SYSTEMS, I.E. DENSITY, HEAD TYPE, ETC.

EXISTING 4" STANDPIPE
CONNECT 4" FPW TO EXISTING MANUAL STANDPIPE

6" STANDPIPE
2 1/2" FIRE DEPT. VALVE CONNECTION W/ 1 1/2" REDUCER
PROVIDE COMPLETE FLOOR CONTROL VALVE ASSEMBLY A/S ZONE 6 (20270 SF)
STANDPIPE CONTROL VALVE





Project Information:

19018

COK SAFETY BUILDING

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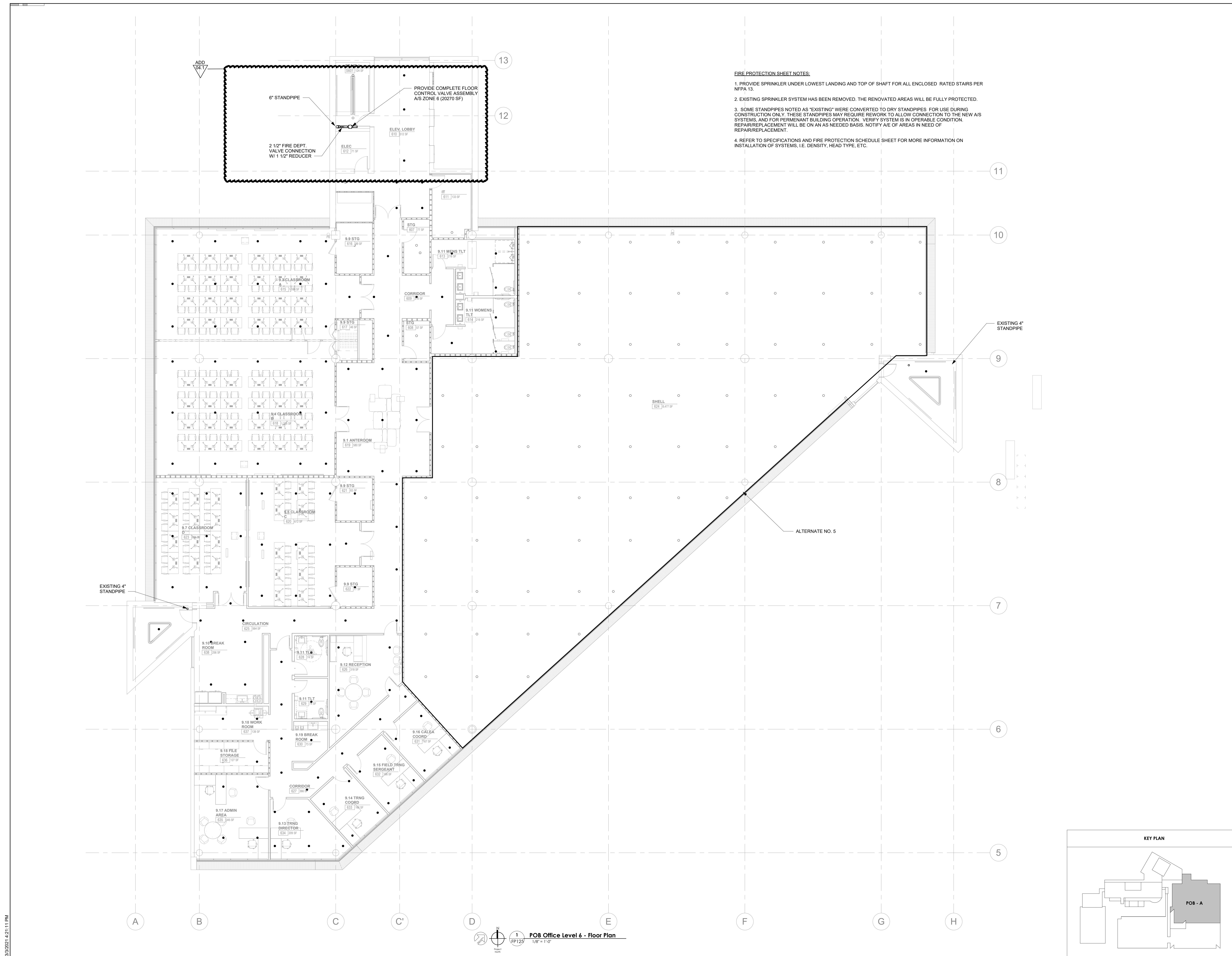
#	ISSUE	DATE
ADD 04.1		Date 4

Issue Date:	AUGUST 28, 2020
PI:	DAVID COLLINS
PM:	JOHN THURMAN
PA:	LAUREN BUSH / P. SUITE
Drawn By:	P. SUITE
Checked By:	P. MCCOWN

Drawing Info:

FP125

POB - OFFICE LEVEL 6
FLOOR PLAN - FIRE PROTECTION



FIRE PROTECTION SHEET NOTES:

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3/30/2021 4:21:11 PM

POB Office Level 6 - Floor Plan
1/8" = 1'-0"



Project Information:

19018

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#	ISSUE	DATE
ADD 04.1		Date 4

Issue Date:	AUGUST 28, 2020
PI:	DAVID COLLINS
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PA:	LAUREN BUSH /
Drawn By:	P. SUITE
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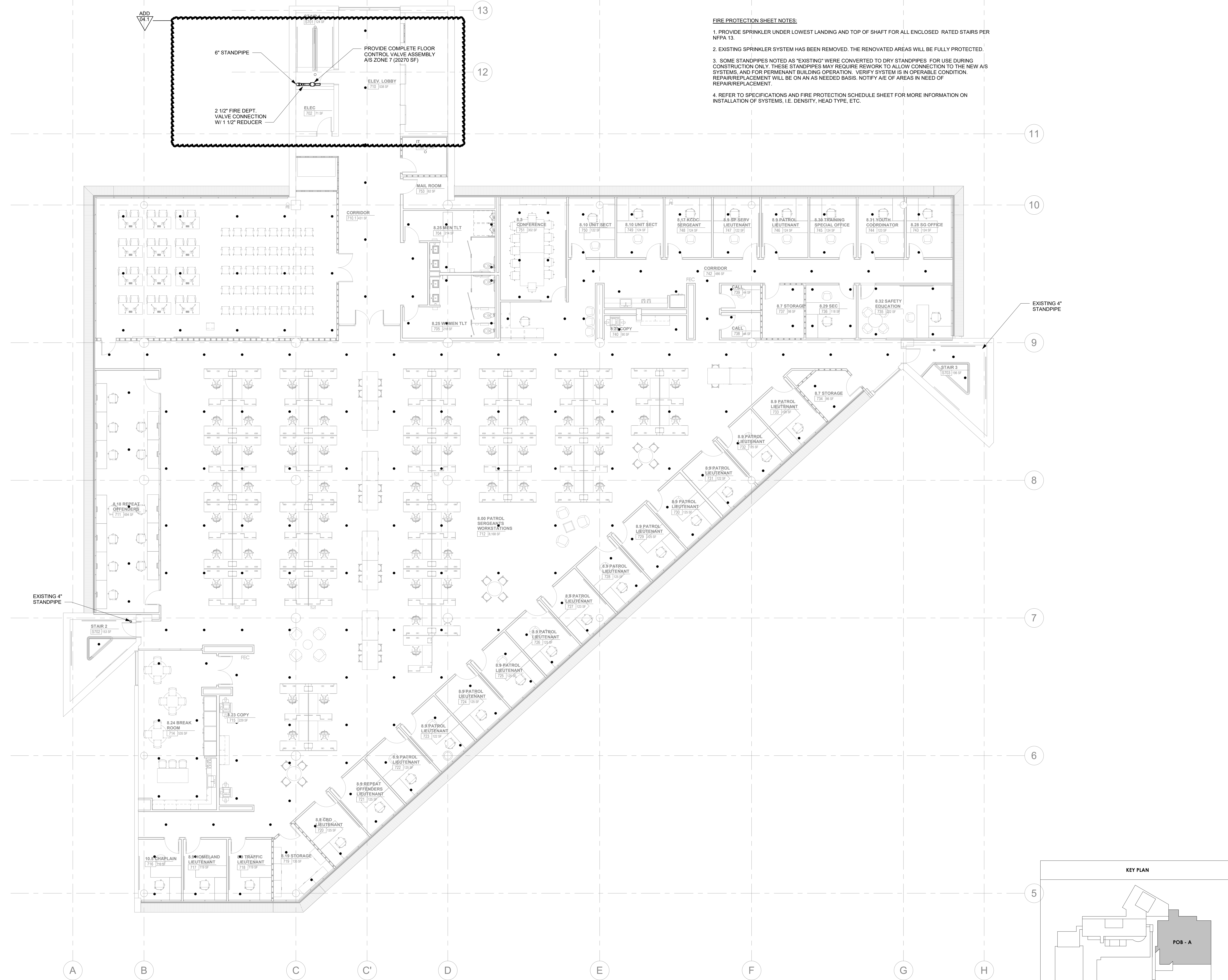
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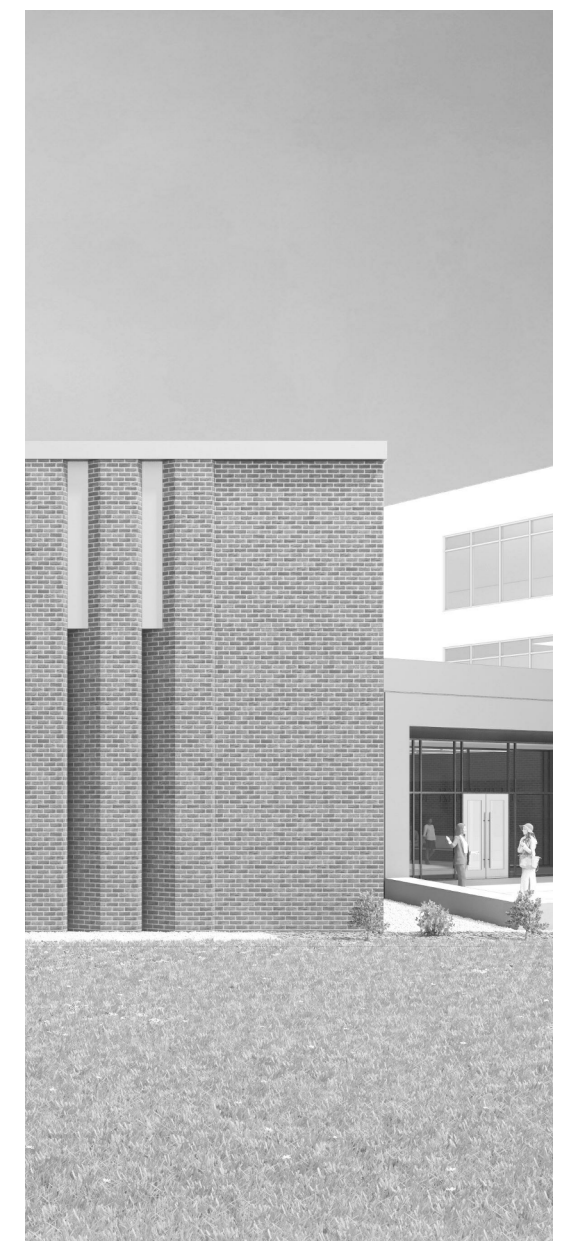
POB - OFFICE LEVEL 7
FLOOR PLAN - FIRE
PROTECTION

FIRE PROTECTION SHEET NOTES:

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4. REFER TO SPECIFICATIONS AND FIRE PROTECTION SCHEDULE SHEET FOR MORE INFORMATION ON INSTALLATION OF SYSTEMS, I.E. DENSITY, HEAD TYPE, ETC.



1 OFFICE LEVEL 7 FLOOR PLAN - FIRE PROTECTION
1/8" = 1'-0"



Project Information:

19018

COK SAFETY BUILDING

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#	ISSUE	DATE
ADD 04.1		Date 4

Issue Date:	AUGUST 28, 2020
PI:	DAVID COLLINS
PM:	JOHN THURMAN
PA:	LAUREN BUSH /
Drawn By:	P. SUITE
Checked By:	P. MCCOWN

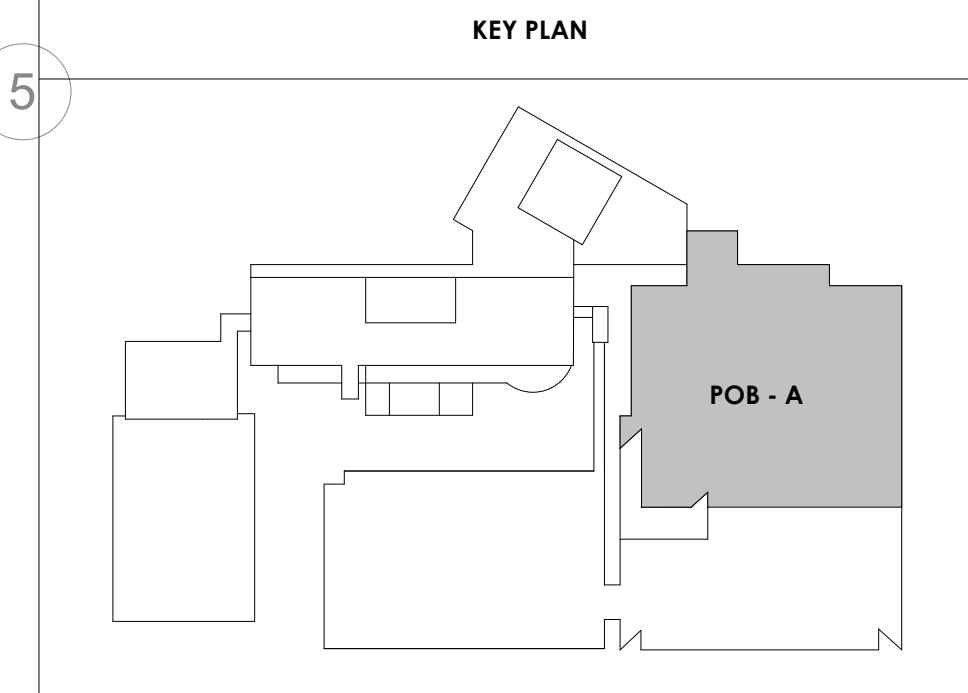
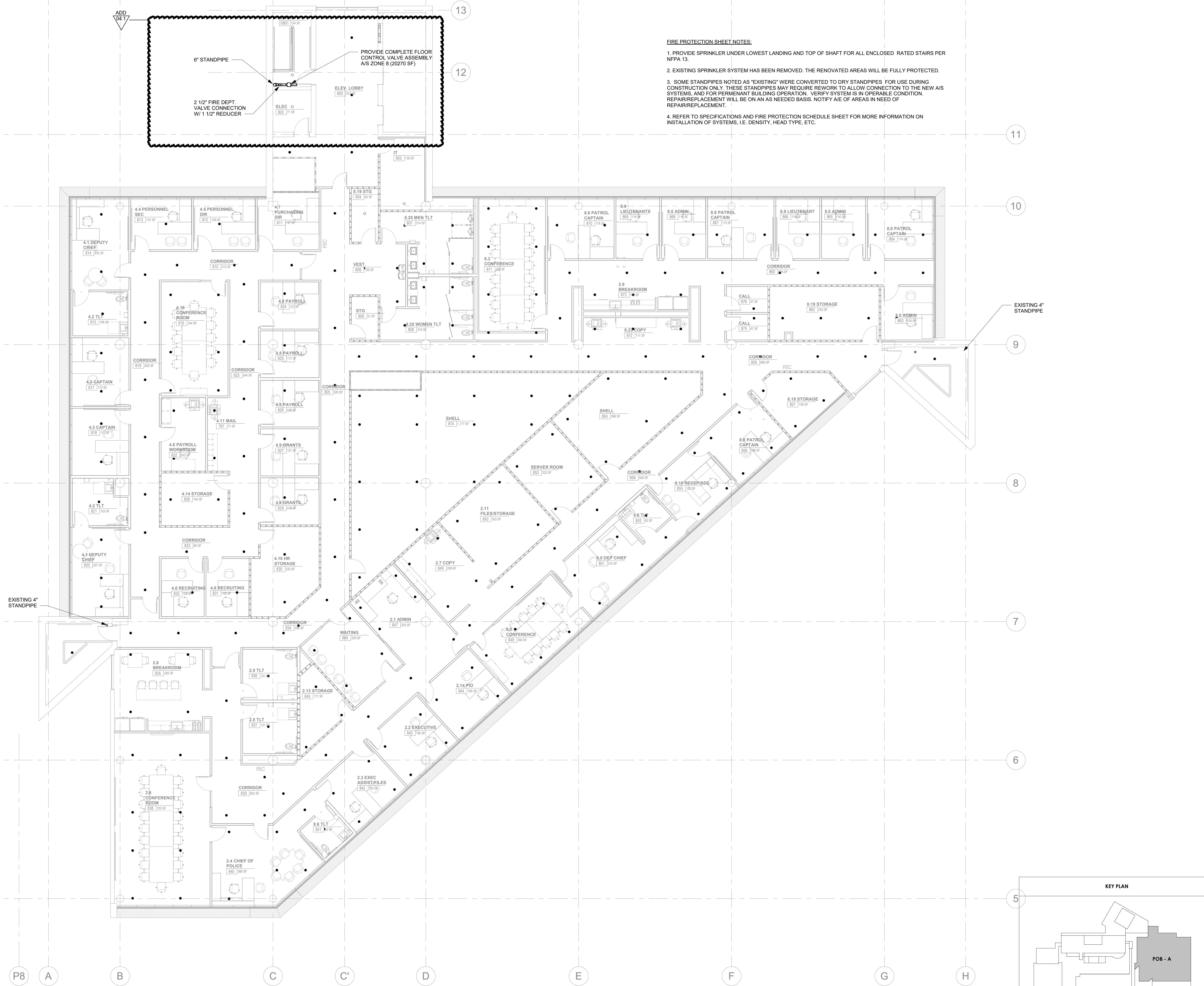
Drawing Info:

FP127

POB - OFFICE LEVEL 8
FLOOR PLAN - FIRE
PROTECTION

FIRE PROTECTION SHEET NOTES.

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4. REFER TO SPECIFICATIONS AND FIRE PROTECTION SCHEDULE SHEET FOR MORE INFORMATION ON INSTALLATION OF SYSTEMS, I.E. DENSITY, HEAD TYPE, ETC.



1 OFFICE LEVEL 8 FLOOR PLAN - FIRE PROTECTION
1/8" = 1'-0"



Project Information:

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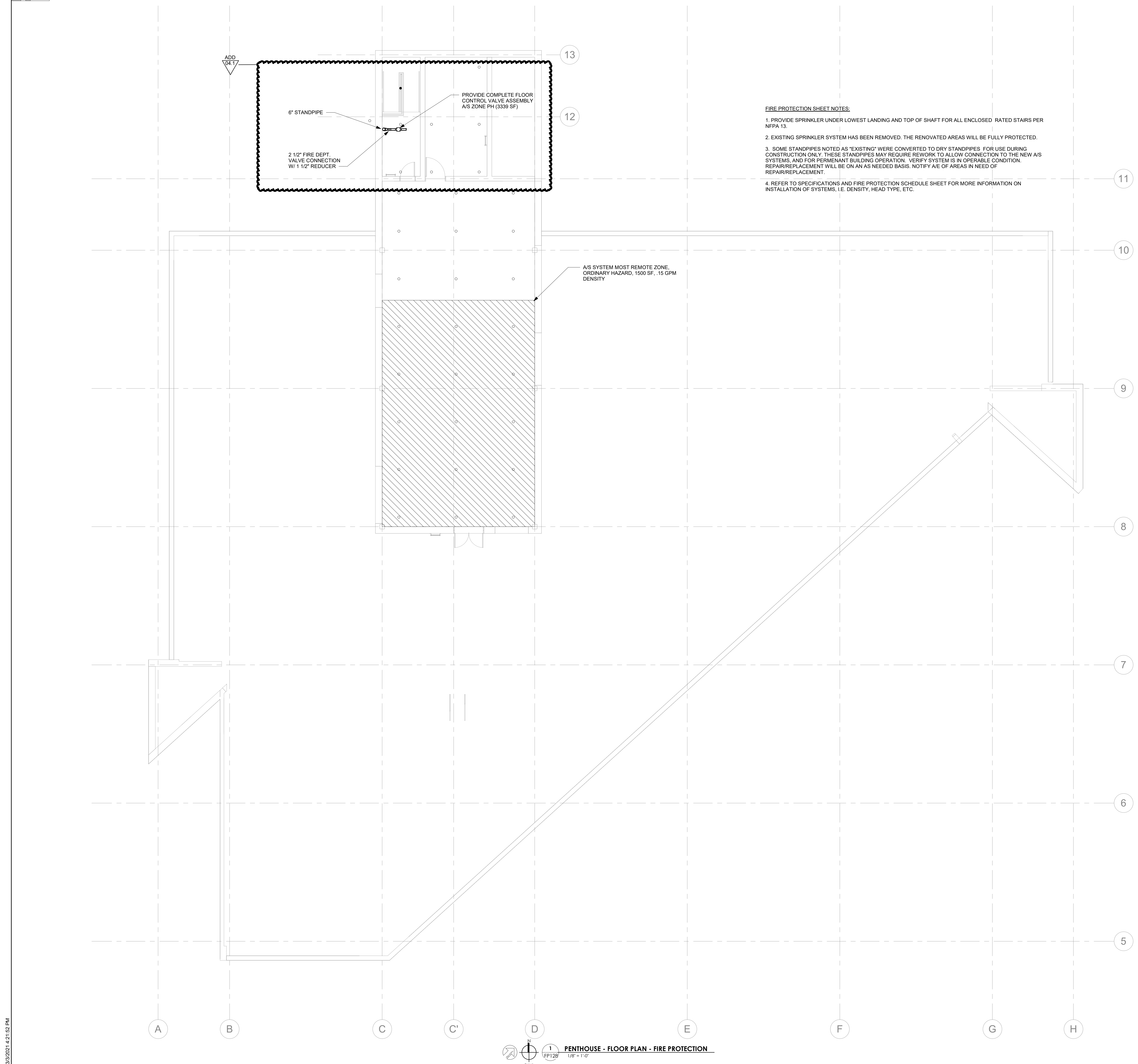
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Issue Date:	AUGUST 28, 2020
PI:	DAVID COLLINS
PM:	JOHN THURMAN
PA:	LAUREN BUSH /
Drawn By:	P. SUITE
Checked By:	P. MCCOWN

Drawing Info:

FP128

POB - PENTHOUSE -
FIRE PROTECTION

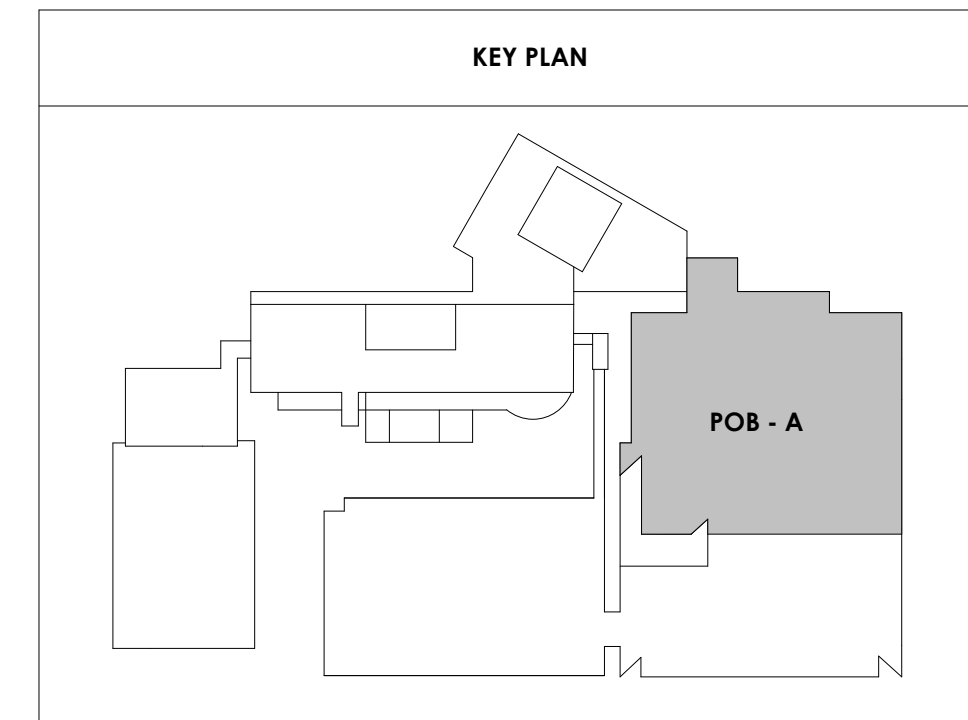


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4. REFER TO SPECIFICATIONS AND FIRE PROTECTION SCHEDULE SHEET FOR MORE INFORMATION ON INSTALLATION OF SYSTEMS, I.E. DENSITY, HEAD TYPE, ETC.

3/30/2021 4:21:52 PM

PENTHOUSE - FLOOR PLAN - FIRE PROTECTION
1/8" = 1'-0"



THE CONTRACTOR SHALL FURNISH AND COMPLETE A COMPLETE AUTOMATIC SPRINKLER SYSTEM PER NFPA 13 FOR ALL AREAS OF THE BUILDING, INCLUDING CANOPIES. ALL SPRINKLERS SHALL BE INSTALLED ACCORDING TO THEIR LISTING. THE SPRINKLER SYSTEM SHALL BE A WET SYSTEM HYDRAULICALLY CALCULATED USING THE FOLLOWING CRITERIA:

A. OFFICE AREAS, CORRIDORS, LOBBIES, CLASSROOMS, INSTITUTIONAL AND LIKE OCCUPANCIES WELL SUBDIVIDED SHALL BE HYDRAULICALLY BALANCED ON A LIGHT HAZARD BASIS TO PRODUCE 10 GPM DENSITY OVER THE MOST REMOTE 1,500 SQ. FT. AND HEAD COVERAGE OF 225 SQ. FT. / HEAD MAXIMUM USING 165" F QUICK RESPONSE HEADS.

B. ELECTRICAL ROOMS, MECHANICAL ROOMS, INCIDENTAL STORAGE ROOMS AND LIKE OCCUPANCIES SHALL BE HYDRAULICALLY BALANCED ON AN ORDINARY HAZARD GROUP BASIS TO PRODUCE 15 GPM DENSITY OVER THE MOST REMOTE 1,500 SQ. FT. AND HEAD COVERAGE 130 SQ. FT. / HEAD MAXIMUM USING 165" F QUICK RESPONSE HEADS.

C. BOILER ROOM, LOADING DOCK, MACHINE SHOP, BULK EVIDENCE STORAGE RACK AREAS, TRASH ROOMS AND LIKE OCCUPANCIES SHALL BE HYDRAULICALLY BALANCED ON AN ORDINARY HAZARD GROUP 2 BASIS TO PRODUCE 0.2 GPM DENSITY OVER THE MOST REMOTE 1,500 SQ. FT. AND HEAD COVERAGE OF 130 SQ. FT. / HEAD MAXIMUM USING 165" F HEADS.

D. GENERATOR ROOMS AND LIKE OCCUPANCIES SHALL BE HYDRAULICALLY BALANCED ON AN EXTRA HAZARD BASIS TO PRODUCE 30 GPM DENSITY OVER THE MOST REMOTE 1,500 SQ. FT. AND HEAD COVERAGE 130 SQ. FT. / HEAD MAXIMUM USING 286" F HEADS.

E. CALCULATIONS FOR ABOVE DENSITIES TO INCLUDE HOSE STREAMS OF 100 GPM FOR LIGHT HAZARD, 250 GPM FOR ORDINARY HAZARD AND 500 GPM FOR EXTRA HAZARD OCCUPANCIES. CALCULATIONS FOR WATER CURTAIN SPRINKLERS (WHEN PROVIDED) SHALL BE ADDED TO THE MOST DEMANDING HYDRAULIC DESIGN CALCULATIONS.

F. ALL SPRINKLER HEADS IN AREAS WITH FINISHED (LAY-IN) CEILING SHALL BE CHROME PLATED SEMI-RECESSED TYPE, EXCEPT AS NOTED BELOW, WITH TEMPERATURE RATING SPACES, CHASES, ETC., TO COMPLETELY CONCEAL ALL PIPING.

G. ALL SPRINKLER HEADS IN AREAS WITHOUT FINISHED CEILINGS SHALL BE BRASS UPRIGHT HEADS WITH TEMPERATURE RATINGS AS CONDITIONS DICTATE. ASSOCIATED SPRINKLER PIPING SHALL BE RUN EXPOSED AND PAINTED TO MATCH ADJOINING AREAS.

H. ALL SPRINKLER HEADS IN AREAS WITH FINISHED GYPSUM BOARD CEILING AND IN PUBLIC AREAS, INCLUDING COURTROOM, LOBBIES, CONFERENCE ROOMS AND OTHER HIGH PROFILE AREAS SHALL BE CONCEALED TYPE HEADS WITH TEMPERATURE RATINGS AS CONDITIONS DICTATE. CONSULT WITH ARCHITECT FOR ADDITIONAL INFORMATION REGARDING OTHER SPECIFIC AREAS WHERE CONCEALED HEADS MAY BE REQUIRED AND FOR SPRINKLER HEAD FINISHES FOR THESE AREAS. ASSOCIATED PIPING SHALL BE RUN IN FURRED SPACES, CHASES, ETC., TO COMPLETELY CONCEAL ALL PIPING.

I. ALL SPRINKLER HEADS IN AREAS WITH FINISHED CEILING WHICH ARE SUBJECT TO FREEZING CONDITIONS (CANOPIES AND OVERHANGS) SHALL BE CHROME PLATED, FREEZE PROOF, CORROSION RESISTANT PENDANT TYPE WITH TEMPERATURE RATING AS CONDITIONS DICTATE. ASSOCIATED SPRINKLER PIPING SHALL BE RUN IN CONDITIONED SPACE AS OUTLINED ABOVE.

J. ALL AREAS WHERE THE SPRINKLER SYSTEM IS SUBJECT TO FREEZING CONDITIONS TO BE PROVIDED WITH AUTOMATIC SPRINKLER PROTECTION IN THE FORM OF A DRY PIPE SYSTEM UTILIZING UPRIGHT HEADS. PROVIDE AIR COMPRESSOR, AIR PIPING, AND NECESSARY APPURTENANCES FOR A COMPLETE SYSTEM.

K. SPRINKLERS ARE TO BE SUPPLIED FROM AUTOMATIC SPRINKLER RISER ASSEMBLIES WHICH SHALL BE FURNISHED COMPLETE WITH STANDARD TRIM AND THE NECESSARY COMPONENTS (A FLAPPER TYPE FLOW SWITCH) TO INTERLOCK WITH THE BUILDING FIRE ALARM SYSTEM. FLOW SWITCH BY SPRINKLER CONTRACTOR. WIRING SHALL BE BY ELECTRICAL CONTRACTOR.

L. POST INDICATOR VALVE SHALL BE FURNISHED COMPLETE WITH THE NECESSARY COMPONENTS TO PROVIDE AN AUDIBLE SUPERVISORY SIGNAL AT THE FIRE ALARM PANEL THE EVENT THE VALVE IS CLOSED. WIRING SHALL BE BY ELECTRICAL CONTRACTOR. REFER TO CIVIL DRAWINGS FOR ADDITIONAL INFORMATION.

M. THE SPRINKLER CONTRACTOR SHALL COORDINATE THE LOCATION OF PIPING AND HEADS WITH LIGHT FIXTURES, DIFFUSERS, DUCTWORK, PLUMBING LINES, ETC., AND MAKE MINOR ADJUSTMENTS IN THE SPRINKLER LAYOUT WHERE REQUIRED OR DEEMED NECESSARY BY THE ARCHITECT.

N. ALL SPRINKLER HEADS SHALL BE LOCATED SYMMETRICALLY IN ALL AREAS AND CENTERED BOTH DIRECTIONS IN CEILING TILES.

O. SPRINKLER CONTRACTOR SHALL INSTALL WIRE GUARDS ON SPRINKLER HEADS IN AREAS SUBJECT TO DAMAGE.

P. CONTRACTOR TO REFER TO PLANS FOR INTERIOR GLASS WALLS WHICH WILL REQUIRE A WATER CURTAIN PROVIDED BY THE AUTOMATIC SPRINKLER SYSTEM. THE WATER CURTAIN SHALL EMPLOY THE USE OF QUICK-RESPONSE PENDANT VERTICAL SIDEWALL AUTOMATIC SPECIFIC APPLICATION WINDOW SPRINKLER HEADS TESTED FOR GLASS PROTECTION FOR A TWO HOUR PERIOD. HEADS SHALL BE SPACED (6) SIX FEET APART ALONG BOTH SIDES OF THE GLASS WALL OR MULLION SEGMENT, NOT MORE THAN ONE (1) FOOT FROM THE GLASS, AND LOCATED SO THAT THE ENTIRE SURFACE OF THE GLASS IS WET UPON ACTIVATION OF THE AUTOMATIC SPRINKLER HEADS. SPRINKLERS SHALL BE HYDRAULICALLY DESIGNED TO PROVIDE 3 GPM / LINEAR FOOT, WITH NO SPRINKLERS DISCHARGING LESS THAN 15 GPM.

Q. SPRINKLER IN ELEVATOR SHAFTS AND IN SPACES HOUSING ELEVATOR MACHINERY OR CONTROLS MUST BE INSTALLED PER NFPA 13. DETECTORS AND WIRING BY ELECTRICAL CONTRACTOR.

R. FIRE PROTECTION SYSTEM TO CONFORM TO ALL REQUIREMENTS OF NFPA 10, 13, 14, 20, 24 AND 25, ALL LOCAL, COUNTY AND STATE REGULATIONS, AS WELL AS INSURANCE UNDERWRITER.

S. SPRINKLERS ARE TO BE SUPPLIED FROM FIRE STANDPIPES AND HORIZONTAL FIRE MAINS IN THE VARIOUS BUILDING FIRE ZONES. AUTOMATIC SPRINKLER CONNECTION(S) FOR THE VARIOUS BUILDING FIRE ZONES SHALL BE MADE AT A STANDPIPE, CONTRACTOR'S OPTION. PROVIDED SAID CONNECTION(S) ARE DIRECTLY ACCESSIBLE FROM BUILDING FIRE ZONE SERVED. COORDINATE WITH ELECTRICAL CONTRACTOR FOR WIRING OF THE VARIOUS ZONE TAMPER AND FLOW SWITCHES.

T. THE SPRINKLER CONTRACTOR SHALL INSPECT, TEST, AND MODIFY EXISTING SPRINKLER SYSTEM AS NEEDED TO COMPLY WITH NFPA AND LOCAL CODES. CONTRACTOR SHALL PROVIDE A LETTER OF ACCEPTANCE FOR THE EXISTING BUILDING.

U. ALL SPRINKLER PIPING FROM "POINT OF SERVICE" INCLUDING UNDERGROUND USED FOR SPRINKLER OR STANDPIPE SYSTEM SHALL BE INSTALLED BY A REGISTERED SPRINKLER CONTRACTOR. UNDERGROUND WATER MAINS AND HYDRANTS MUST BE INSTALLED AND IN SERVICE PRIOR TO STARTING CONSTRUCTION.

V. ALL SYSTEM GAUGES AND VALVES MUST BE ACCESSIBLE FOR INSPECTION AND MAINTENANCE.

W. THE SPRINKLER CONTRACTOR SHALL SUBMIT COMPLETE SPRINKLER SHOP DRAWINGS AND CALCULATIONS STAMPED AND SIGNED BY THE SPRINKLER CONTRACTOR WITH A MINIMUM NICET III REGISTRATION FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION. THEY MUST BE SIGNED BY A RESPONSIBLE MANAGING EMPLOYEE AND SUBMITTED BY A REGISTERED FIRE PROTECTION CONTRACTOR.

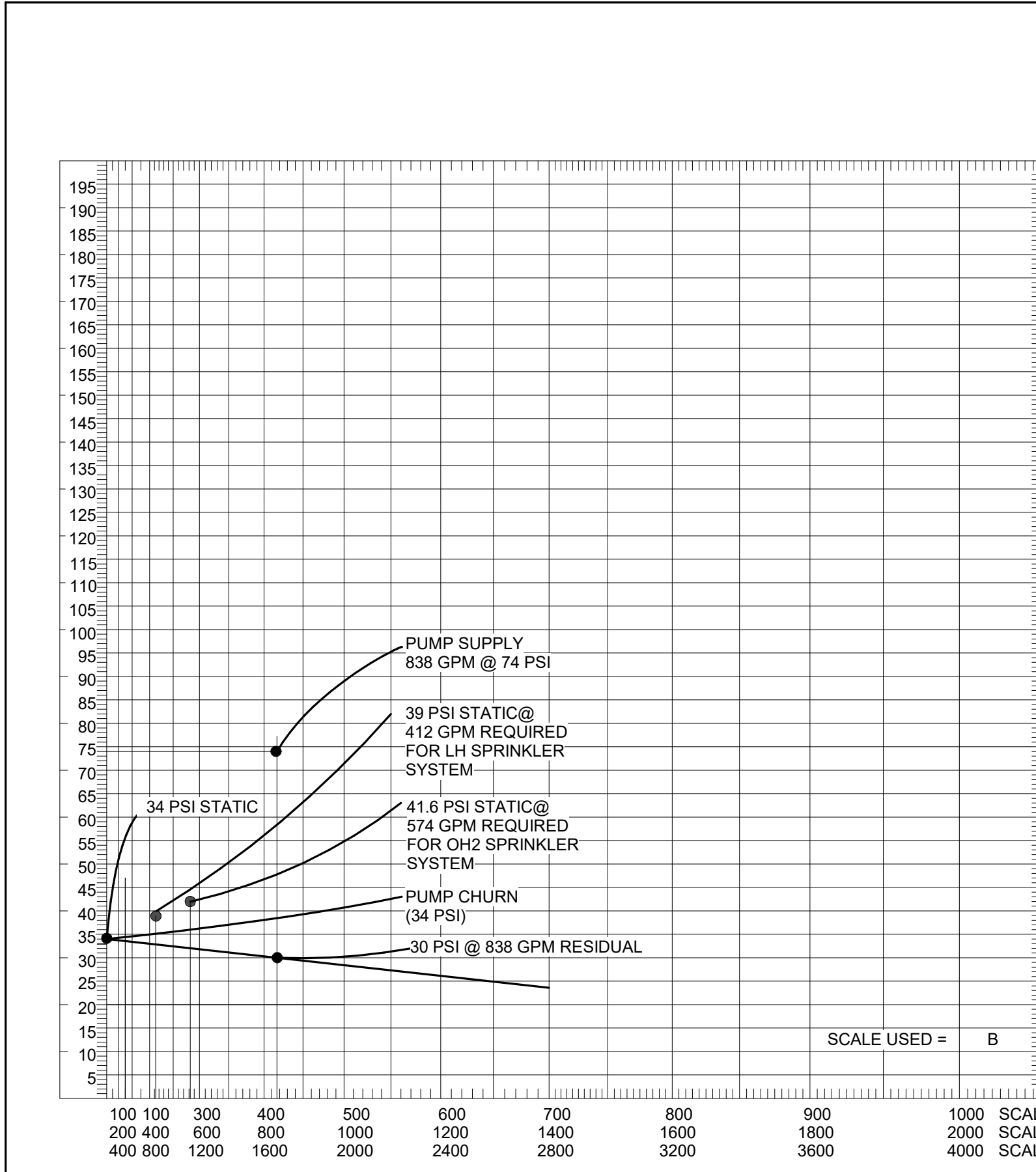
X. ALL SPRINKLER CONTROL VALVES SHALL BE ELECTRONICALLY SUPERVISED BY FIRE ALARM PANEL WITH ALARM, TROUBLE, AND SUPERVISORY SIGNALS. WIRING TO BE BY ELECTRICAL CONTRACTOR.

Y. ALL SPRINKLER BRANCH OUTLETS SHALL BE MINIMUM 1".

- Z. PIPING MATERIALS:
- INTERIOR PIPE - 2" AND SMALLER - SCHEDULE 40 BLACK STEEL 2-1/2" AND LARGER - SCHEDULE 10 BLACK STEEL
 - INTERIOR PIPE FITTINGS - LESS THAN 6" - DUCTILE IRON - THREADED, FLANGED, GROOVED, OR WELDED 6" OR GREATER - FLANGED OR WELDED
 - DRAIN PIPING - SCHEDULE 40 GALVANIZED STEEL WITH MATCHING FITTINGS
 - SEE SPECIFICATION SECTION 2113 13 FOR ADDITIONAL REQUIREMENTS

AUTOMATIC SPRINKLER NOTES

1



HYDRANT NO.	OUTLET (INCHES)	STATIC (PSI)	RESIDUAL (PSI)	PITOT (PSI)	FLOW (GPM)	JOB NAME:
TEST HYD. -	34	30			838	COK SAFETY COMPLEX
						DATE: 03-20-2021
						TESTED BY: KUB

WATER FLOW TEST SUMMARY SHEET

No Scale

2

FIRE PROTECTION

ABBREVIATION	DESCRIPTION	ABBREVIATION	DESCRIPTION
A/S	AUTOMATIC SPRINKLER	FPW	FIRE PROTECTION WET PIPE
FDV	FIRE DEPARTMENT VALVE	OS&Y	OUTSIDE SCREW & YOKE
FPD	FIRE PROTECTION DRY PIPE	PRV	PRESSURE REDUCING VALVE
FE	FIRE EXTINGUISHER	W/	WITH
FEC	FIRE EXTINGUISHER CABINET	FDVC	FIRE DEPT. VALVE CABINET
FDVC/FE	FIRE DEPT. VALVE CABINET WITH EXTINGUISHER		

FIRE PROTECTION HAZARD SCHEDULE

HAZARD SYMBOL	HAZARD CLASS	DESIGN CRITERIA	HOSE	DURATION	SPRINKLER SPACING	NOTES
UNO	LIGHT	0.10 GPM/SF OVER 1500SF	100 GPM	30 MIN	MAX 225 SF; MAX 15' BETWEEN SPRINKLERS; MAX 7.5' FROM WALL	ALL AREAS ARE LIGHT HAZARD U.N.O.
OH-1	ORDINARY HAZARD GROUP 1	0.15 GPM/SF OVER 1500SF	250 GPM	60 MIN	MAX 130 SF; MAX 15' BETWEEN SPRINKLERS; MAX 7.5' FROM WALL	
OH-2	ORDINARY HAZARD GROUP 2	0.20 GPM/SF OVER 1500SF	250 GPM	90 MIN	MAX 130 SF; MAX 15' BETWEEN SPRINKLERS; MAX 7.5' FROM WALL	
EH-1	EXTRA HAZARD GROUP 1	0.30 GPM/SF OVER 2500SF	500 GPM	90 MIN	MAX 100 SF; MAX 12' BETWEEN SPRINKLERS; MAX 6' FROM WALL	
EH-2	EXTRA HAZARD GROUP 2	0.40 GPM/SF OVER 2500SF	500 GPM	120 MIN	MAX 100 SF; MAX 12' BETWEEN SPRINKLERS; MAX 6' FROM WALL	

FIRE PUMP SCHEDULE

SERVICE	TYPE	GPM	TDH (PSI)	HORSE POWER	VOLTAGE	RPM
FIRE PUMP	ELECTRIC	750	48	25	460/3/60	1,770
JOCKEY PUMP	ELECTRIC	7.5	50	0.5	460/3/60	

- FIRE PUMP BASED UPON AURORA MODEL 5-481-11A
- JOCKEY PUMP BASED UPON PENTAIR MODEL PVM 1-5

SPRINKLER DEMAND HYDRAULIC CALCULATIONS (CALCULATIONS BASED ON HAZEN-WILLIAMS FORMULA)

OWNER: CITY OF KNOXVILLE-CA LOCATION: KNOXVILLE, TN ICT FILE: 190424

ORDINARY HAZARD 2 - BULK STORAGE

Duration: 60 Mins Gallons: 24,720

STEP 1 - WATER FLOW REQUIREMENTS

A. SPRINKLERS

Wet	Area (SF)	Density (GPM/SF)	Dry Sys. Factor	Pressure Factor	GPM
Wet	1,500	0.10	1.0	1.08	162
Light Hazard: NFPA 13 4-30-20					(N/A)
Dry	0	0.20	1.0	1.08	0

Deluge: 5.6 x 0 x 0 x 1.15 = 0 GPM

ESFR: 18.8 x 52 x 0 x 1.15 = 0 GPM

CMSA: 25.2 x 40 x 1.15 = 0 GPM

Water Curtain: 0 x 3 x 1.00 = 0 GPM

Cooling Towers: 0 x 0 x 1.00 = 0 GPM

B. IN-RACK SPRINKLERS: 0.0 x 0 x 0 = 0 GPM

C. HOSE STREAM ALLOWANCE: Interior + Exterior = 250 GPM

D. TOTAL FLOW REQUIRED (Maximum of Sprinklers + In-racks + Hose): 412 GPM

STEP 2 - WATER PRESSURE LOSSES AT YARD PIPING

E. Elevation of test hydrant (pivot height): Feet

F. Elevation of base of riser (FF elevation): Feet

G. Difference (E-F): 0.00 Feet

H. Pressure Loss at Backflow Preventer: 10 PSI

I. Friction Loss - Yard piping to riser: Flow Factor: 1.0 (1.0 if direct, 0.5 if looped)

GPM	Dia.	C	Length (Feet)	Pipe Loss (Ft/100 Ft)	Convert Ft. to PSI	Subtotal
412	8.00	140	150	0.31	0.433	0.2
412	6.00	140	75	1.25	0.433	0.4
0	0.00	140	0	N/A	0.433	N/A
0	0.00	140	0	N/A	0.433	N/A
				Subtotal, Friction Loss:		0.6

J. Pressure Losses at Yard Piping (G+H+I): 10.6 PSI

STEP 3 - WATER PRESSURE REQUIRED AT BASE OF RISER

K. Static head loss (tallest sprinkler AFF): 54.17 Feet

L. Residual pressure required at most remote sprinkler: (basis: k= 5.6) = 23.5 PSI

M. Losses at alarm check valve: 5.0 PSI

N. Number of Sprinklers to be Calculated in Most Remote Area:

Design Area: 1,500 SF	Design Flow: 162 GPM				
Sq. Feet	Sprinkers in Area	Dist. Bet. Sprinkers (Ft)	Sprinkers per branch	Branches in Area	GPM per Branch
100	15	10	3	5	54

O. Friction loss: base of riser to most remote point:

GPM	Dia.	C	Length (Feet)	Pipe Loss (Ft/100 Ft)	Convert Ft. to PSI	Subtotal
11	1.81	100	10.0	1.7	0.433	0.1
22	2.07	100	10.0	1.8	0.433	0.1
32	2.47	100	10.0	1.8	0.433	0.1
43	2.47	100	10.0	2.7	0.433	0.1
54	3.07	100	10.0	1.4	0.433	0.1
N/A	3.07	100	10.0	N/A	0.433	N/A
N/A	0.00	100	10.0	N/A	0.433	N/A
				Subtotal & Mains: Flow Factor: 1.0 (1.0 if free, 0.5 if looped)		0.1
108	4.03	100	10.0	1.4	0.433	0.1
108	6.07	100	500.0	0.2	0.433	0.4
N/A	0.00	100	0.0	N/A	0.433	N/A
N/A	0.00	100	0.0	N/A	0.433	N/A
N/A	0.00	100	0.0	N/A	0.433	N/A
N/A	0.00	100	0.0	N/A	0.433	N/A
N/A	0.00	100	0.0	N/A	0.433	N/A
				Subtotal, Friction Loss:		0.9

P. Pressure Required at Base of Riser (K+L+M+N): 39.3 PSI

STEP 4 - PRESSURE AVAILABLE AT BASE OF RISER

Q. Yard Losses (J): 10.6 PSI

R. Correction of Water Flow Test Data: Basis: KUB

Static pressure: 50 PSI Test Flow: 894.0 GPM

Resid. Pressure: 40 PSI Required Flow: 412 GPM

Available flow at hydrant at 20 psi: 1,601 GPM

Residual pressure available at hydrant corrected for design flow: 47.6 PSI

S. Boost from Fire Pump: (At design flow) 0.0 Feet x 0.433 = 0.0 PSI

T. Pressure Loss at Pump Inlet (fittings, filters, etc.): 0.0 PSI

U. Pressure Available at Base of Riser: Case 1: Hydrant residual (R) is 20 psi or more (Q+R+S-T) = 37.0 PSI Case 2: Hydrant source is inadequate; tank is used (S-T) = N/A

STEP 5 - TOTAL SYSTEM PRESSURE REQUIRED AT HYDRANT

V. System pressure required at hydrant (J+P): 49.9 PSI

STEP 6 - SYSTEM PRESSURE FACTOR OF SAFETY

W. System surplus pressure (U-P): MINIMUM OF 10.0 PSI = -2.4 PSI

X. Water pressure factor of safety (W/P): MINIMUM OF 10.0% = 6.0%

PRELIMINARY STANDPIPE HYDRAULICS No Scale

3

SPRINKLER DEMAND HYDRAULIC CALCULATIONS (CALCULATIONS BASED ON HAZEN-WILLIAMS FORMULA)

OWNER: CITY OF KNOXVILLE-CA LOCATION: KNOXVILLE, TN ICT FILE: 190424

ORDINARY HAZARD 2 - BULK STORAGE

Duration: 60 Mins Gallons: 34,440

STEP 1 - WATER FLOW REQUIREMENTS

A. SPRINKLERS

Wet	Area (SF)	Density (GPM/SF)	Dry Sys. Factor	Pressure Factor	GPM
Wet	1,500	0.20	1.0	1.08	324
Ordinary Hazard: NFPA 13 8-25-20					(N/A)
Dry	0	0.20	1.0	1.08	0

Deluge: 5.6 x 0 x 0 x 1.15 = 0 GPM

ESFR: 18.8 x 52 x 0 x 1.15 = 0 GPM

CMSA: 25.2 x 40 x 1.15 = 0 GPM

Water Curtain: 0 x 3 x 1.00 = 0 GPM

Cooling Towers: 0 x 0 x 1.00 = 0 GPM

B. IN-RACK SPRINKLERS: 0.0 x 0 x 0 = 0 GPM

C. HOSE STREAM ALLOWANCE: Interior + Exterior = 250 GPM

D. TOTAL FLOW REQUIRED (Maximum of Sprinklers + In-racks + Hose): 574 GPM

STEP 2 - WATER PRESSURE LOSSES AT YARD PIPING

E. Elevation of test hydrant (pivot height): Feet

F. Elevation of base of riser (FF elevation): Feet

G. Difference (E-F): 0.00 Feet

H. Pressure Loss at Backflow Preventer: 10 PSI

I. Friction Loss - Yard piping to riser: Flow Factor: 1.0 (1.0 if direct, 0.5 if looped)

GPM	Dia.	C	Length (Feet)	Pipe Loss (Ft/100 Ft)	Convert Ft. to PSI	Subtotal
574	8.00	140	150	0.57	0.433	0.4
574	6.00	140	75	2.31	0.433	0.7
0	0.00	140	0	N/A	0.433	N/A
0	0.00	140	0	N/A	0.433	N/A
				Subtotal, Friction Loss:		1.1

J. Pressure Losses at Yard Piping (G+H+I): 11.1 PSI

STEP 3 - WATER PRESSURE REQUIRED AT BASE OF RISER

K. Static head loss (tallest sprinkler AFF): 54.17 Feet

L. Residual pressure required at most remote sprinkler: (basis: k= 5.6) = 23.5 PSI

M. Losses at alarm check valve: 5.0 PSI

N. Number of Sprinklers to be Calculated in Most Remote Area:

Design Area: 1,500 SF	Design Flow: 324 GPM				
Sq. Feet	Sprinkers in Area	Dist. Bet. Sprinkers (Ft)	Sprinkers per branch	Branches in Area	GPM per Branch
130	12	10	5	3	108

O. Friction loss: base of riser to most remote point:

GPM	Dia.	C	Length (Feet)	Pipe Loss (Ft/100 Ft)	Convert Ft. to PSI	Subtotal
22	1.81	100	10.0	6.0	0.433	0.3
43	2.07	100	10.0	6.4	0.433	0.3
65	2.47	100	10.0	5.7	0.433	0.2
86	2.47	100	10.0	9.8	0.433	0.4
108	3.07	100	10.0	5.1	0.433	0.2
N/A	3.07	100	10.0	N/A	0.433	N/A
N/A	0.00	100	10.0	N/A	0.433	N/A
				Subtotal & Mains: Flow Factor: 1.0 (1.0 if free, 0.5 if looped)		0.3
216	4.03	100	13.0	4.9	0.433	0.3
216	6.07	100	500.0	0.7	0.433	1.4
N/A	0.00	100	0.0	N/A	0.433	N/A
N/A	0.00	100	0.0	N/A	0.433	N/A
N/A	0.00	100	0.0	N/A	0.433	N/A
N/A	0.00	100	0.0	N/A	0.433	N/A
N/A	0.00	100	0.0	N/A	0.433	N/A
				Subtotal, Friction Loss:		3.2

P. Pressure Required at Base of Riser (K+L+M+N): 41.6 PSI

STEP 4 - PRESSURE AVAILABLE AT BASE OF RISER

Q. Yard Losses (J): 11.1 PSI

R. Correction of Water Flow Test Data: Basis: KUB

Static pressure: 50 PSI Test Flow: 894.0 GPM

Resid. Pressure: 40 PSI Required Flow: 574 GPM

Available flow at hydrant at 20 psi: 1,601 GPM

Residual pressure available at hydrant corrected for design flow: 45.5 PSI

S. Boost from Fire Pump: (At design flow) 0.0 Feet x 0.433 = 0.0 PSI

T. Pressure Loss at Pump Inlet (fittings, filters, etc.): 0.0 PSI

U. Pressure Available at Base of Riser: Case 1: Hydrant residual (R) is 20 psi or more (Q+R+S-T) = 34.4 PSI Case 2: Hydrant source is inadequate; tank is used (S-T) = N/A

STEP 5 - TOTAL SYSTEM PRESSURE REQUIRED AT HYDRANT

V. System pressure required at hydrant (J+P): 62.7 PSI

STEP 6 - SYSTEM PRESSURE FACTOR OF SAFETY

W. System surplus pressure (U-P): MINIMUM OF 10.0 PSI = -7.2 PSI

X. Water pressure factor of safety (W/P): MINIMUM OF 10.0% = 17.4%

PRELIMINARY STANDPIPE HYDRAULICS No Scale

4



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Knoxville, TN 37902
1-865-544-2000
www.mhmcinc.com



Project Information:

19018

COK SAFETY BUILDING

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Seal:



Consultant:



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Drawing Info:

FP200.1
CA - FIRE PROTECTION - NOTES, CALCULATIONS AND ABBREVIATIONS

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THE CONTRACTOR SHALL FURNISH AND COMPLETE A COMPLETE AUTOMATIC SPRINKLER SYSTEM PER NFPA 13 FOR ALL AREAS OF THE BUILDING, INCLUDING CANOPIES, ALL SPRINKLERS SHALL BE INSTALLED ACCORDING TO THEIR LISTING, THE SPRINKLER SYSTEM SHALL BE A WET SYSTEM HYDRAULICALLY CALCULATED USING THE FOLLOWING CRITERIA:

- A. OFFICE AREAS, CORRIDORS, LOBBIES, CLASSROOMS, INSTITUTIONAL AND LIKE OCCUPANCIES WELL SUBDIVIDED SHALL BE HYDRAULICALLY BALANCED ON A LIGHT HAZARD BASIS TO PRODUCE .10 GPM DENSITY OVER THE MOST REMOTE 1,500 SQ. FT. AND HEAD COVERAGE OF 225 SQ. FT. / HEAD MAXIMUM USING 165" F QUICK RESPONSE HEADS.
- B. ELECTRICAL ROOMS, MECHANICAL ROOMS, INCIDENTAL STORAGE ROOMS AND LIKE OCCUPANCIES SHALL BE HYDRAULICALLY BALANCED ON AN ORDINARY HAZARD GROUP BASIS TO PRODUCE .15 GPM DENSITY OVER THE MOST REMOTE 1,500 SQ. FT. AND HEAD COVERAGE 130 SQ. FT. / HEAD MAXIMUM USING 165" F QUICK RESPONSE HEADS.
- C. BOILER ROOM, LOADING DOCK, MACHINE SHOP, TRASH ROOMS AND LIKE OCCUPANCIES SHALL BE HYDRAULICALLY BALANCED ON AN ORDINARY HAZARD GROUP 2 BASIS TO PRODUCE 0.2 GPM DENSITY OVER THE MOST REMOTE 1,500 SQ. FT. AND HEAD COVERAGE OF 130 SQ. FT. / HEAD MAXIMUM USING 165" F HEADS.
- D. GENERATOR ROOMS AND LIKE OCCUPANCIES SHALL BE HYDRAULICALLY BALANCED ON AN EXTRA HAZARD BASIS TO PRODUCE .30 GPM DENSITY OVER THE MOST REMOTE 1,500 SQ. FT. AND HEAD COVERAGE 130 SQ. FT. / HEAD MAXIMUM USING 286" F HEADS.
- E. CALCULATIONS FOR ABOVE DENSITIES TO INCLUDE HOSE STREAMS OF 100 GPM FOR LIGHT HAZARD, 250 GPM FOR ORDINARY HAZARD AND 500 GPM FOR EXTRA HAZARD OCCUPANCIES. CALCULATIONS FOR WATER CURTAIN SPRINKLERS (WHEN PROVIDED) SHALL BE ADDED TO THE MOST DEMANDING HYDRAULIC DESIGN CALCULATIONS.
- F. ALL SPRINKLER HEADS IN AREAS WITH FINISHED (LAY-IN) CEILING SHALL BE CHROME PLATED SEMI-RECESSED TYPE, EXCEPT AS NOTED BELOW, WITH TEMPERATURE RATING SPACES, CHASES, ETC., TO COMPLETELY CONCEAL ALL PIPING.
- G. ALL SPRINKLER HEADS IN AREAS WITHOUT FINISHED CEILINGS SHALL BE BRASS UPRIGHT HEADS WITH TEMPERATURE RATINGS AS CONDITIONS DICTATE. ASSOCIATED SPRINKLER PIPING SHALL BE RUN EXPOSED AND PAINTED TO MATCH ADJOINING AREAS.
- H. ALL SPRINKLER HEADS IN AREAS WITH FINISHED GYPSUM BOARD CEILING AND IN PUBLIC AREAS, INCLUDING HIGH PROFILE AREAS SHALL BE CONCEALED TYPE HEADS WITH TEMPERATURE RATINGS AS CONDITIONS DICTATE. CONSULT WITH ARCHITECT FOR ADDITIONAL INFORMATION REGARDING OTHER SPECIFIC AREAS WHERE CONCEALED HEADS MAY BE REQUIRED AND FOR SPRINKLER HEAD FINISHES FOR THESE AREAS. ASSOCIATED PIPING SHALL BE RUN IN FURRED SPACES, CHASES, ETC., TO COMPLETELY CONCEAL ALL PIPING.
- I. ALL SPRINKLER HEADS IN AREAS WITH FINISHED CEILING WHICH ARE SUBJECT TO FREEZING CONDITIONS (CHROME PLATED AND OVERHANGS) SHALL BE CHROME PLATED, FREEZE PROOF, CORROSION RESISTANT PENDANT TYPE WITH TEMPERATURE RATING AS CONDITIONS DICTATE. ASSOCIATED SPRINKLER PIPING SHALL BE RUN IN CONDITIONED SPACE AS OUTLINED ABOVE.
- J. ALL AREAS WHERE THE SPRINKLER SYSTEM IS SUBJECT TO FREEZING CONDITIONS TO BE PROVIDED WITH AUTOMATIC SPRINKLER PROTECTION IN THE FORM OF A DRY PIPE SYSTEM UTILIZING UPRIGHT HEADS, PROVIDE AIR CIRCUMFER, AIR PIPING, AND NECESSARY APPURTENANCES FOR A COMPLETE SYSTEM.
- K. SPRINKLERS ARE TO BE SUPPLIED FROM AUTOMATIC SPRINKLER RISER ASSEMBLIES WHICH SHALL BE FURNISHED COMPLETE WITH STANDARD TRIM AND THE NECESSARY COMPONENTS (A FLAPPER TYPE FLOW SWITCH) TO INTERLOCK WITH THE BUILDING FIRE ALARM SYSTEM. FLOW SWITCH BY SPRINKLER CONTRACTOR. WIRING SHALL BE BY ELECTRICAL CONTRACTOR.
- L. POST INDICATOR VALVE SHALL BE FURNISHED COMPLETE WITH THE NECESSARY COMPONENTS TO PROVIDE AN AUDIBLE SUPERVISORY SIGNAL AT THE FIRE ALARM PANEL THE EVENT THE VALVE IS CLOSED. WIRING SHALL BE BY ELECTRICAL CONTRACTOR. REFER TO CIVIL DRAWINGS FOR ADDITIONAL INFORMATION.
- M. THE SPRINKLER CONTRACTOR SHALL COORDINATE THE LOCATION OF PIPING AND HEADS WITH LIGHT FIXTURES, DIFFUSERS, DUCTWORK, PLUMBING LINES, ETC., AND MAKE MINOR ADJUSTMENTS IN THE SPRINKLER LAYOUT WHERE REQUIRED OR DEEMED NECESSARY BY THE ARCHITECT.
- N. ALL SPRINKLER HEADS SHALL BE LOCATED SYMMETRICALLY IN ALL AREAS AND CENTERED BOTH DIRECTIONS IN CEILING TILES.
- O. SPRINKLER CONTRACTOR SHALL INSTALL WIRE GUARDS ON SPRINKLER HEADS IN AREAS SUBJECT TO DAMAGE.
- P. CONTRACTOR TO REFER TO PLANS FOR INTERIOR GLASS WALLS WHICH WILL REQUIRE A WATER CURTAIN PROVIDED BY THE AUTOMATIC SPRINKLER SYSTEM. THE WATER CURTAIN SHALL EMPLOY THE USE OF QUICK-RESPONSE PENDANT VERTICAL SIDEWALL AUTOMATIC SPECIFIC APPLICATION WINDOW SPRINKLER HEADS TESTED FOR GLASS PROTECTION FOR A TWO HOUR PERIOD. HEADS SHALL BE SPACED (6) SIX FEET APART ALONG BOTH SIDES OF THE GLASS WALL OR MULLION SEGMENT, NOT MORE THAN ONE (1) FOOT FROM THE GLASS, AND LOCATED SO THAT THE ENTIRE SURFACE OF THE GLASS IS WET UPON ACTIVATION OF THE AUTOMATIC SPRINKLER HEADS. SPRINKLERS SHALL BE HYDRAULICALLY DESIGNED TO PROVIDE 3 GPM / LINEAR FOOT, WITH NO SPRINKLERS DISCHARGING LESS THAN 15 GPM.
- Q. SPRINKLER IN ELEVATOR SHAFTS AND IN SPACES HOUSING ELEVATOR MACHINERY OR CONTROLS MUST BE INSTALLED PER NFPA 13. DETECTORS AND WIRING BY ELECTRICAL CONTRACTOR.
- R. FIRE PROTECTION SYSTEM TO CONFORM TO ALL REQUIREMENTS OF NFPA 10, 13, 24, 25 AND ALL LOCAL, COUNTY AND STATE REGULATIONS, AS WELL AS INSURANCE UNDERWRITER.
- S. SPRINKLERS ARE TO BE SUPPLIED FROM FIRE STANDPIPES AND HORIZONTAL FIRE MAINS IN THE VARIOUS BUILDING FIRE ZONES. AUTOMATIC SPRINKLER CONNECTION(S) FOR THE VARIOUS BUILDING FIRE ZONES SHALL BE MADE AT A STANDPIPE, CONTRACTOR'S OPTION, PROVIDED SAID CONNECTION(S) ARE DIRECTLY ACCESSIBLE FROM BUILDING FIRE ZONE SERVED. COORDINATE WITH ELECTRICAL CONTRACTOR FOR WIRING OF THE VARIOUS ZONE TAMPER AND FLOW SWITCHES.
- T. THE SPRINKLER CONTRACTOR SHALL INSPECT, TEST, AND MODIFY EXISTING SPRINKLER SYSTEM AS NEEDED TO COMPLY WITH NFPA AND LOCAL CODES. CONTRACTOR SHALL PROVIDE A LETTER OF ACCEPTANCE FOR THE EXISTING BUILDING.
- U. ALL SPRINKLER PIPING FROM "POINT OF SERVICE" INCLUDING UNDERGROUND USED FOR SPRINKLER OR STANDPIPE SYSTEM SHALL BE INSTALLED BY A REGISTERED SPRINKLER CONTRACTOR. UNDERGROUND WATER MAINS AND HYDRANTS MUST BE INSTALLED AND IN SERVICE PRIOR TO STARTING CONSTRUCTION.
- V. ALL SYSTEM GAUGES AND VALVES MUST BE ACCESSIBLE FOR INSPECTION AND MAINTENANCE.
- W. THE SPRINKLER CONTRACTOR SHALL SUBMIT COMPLETE SPRINKLER SHOP DRAWINGS AND CALCULATIONS STAMPED AND SIGNED BY THE SPRINKLER CONTRACTOR WITH A MINIMUM NICET III REGISTRATION FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION. THEY MUST BE SIGNED BY A RESPONSIBLE MANAGING EMPLOYEE AND SUBMITTED BY A REGISTERED FIRE PROTECTION CONTRACTOR.
- X. ALL SPRINKLER CONTROL VALVES SHALL BE ELECTRONICALLY SUPERVISED BY FIRE ALARM PANEL WITH ALARM, TROUBLE, AND SUPERVISORY SIGNALS. WIRING TO BE BY ELECTRICAL CONTRACTOR.
- Y. ALL SPRINKLER BRANCH OUTLETS SHALL BE MINIMUM 1".
- Z. PIPING MATERIALS:
 1. INTERIOR PIPE -
 - 2" AND SMALLER - SCHEDULE 40 BLACK STEEL
 - 2-1/2" AND LARGER - SCHEDULE 10 BLACK STEEL
 2. INTERIOR PIPE FITTINGS -
 - LESS THAN 6" - DUCTILE IRON - THREADED, FLANGED, GROOVED, OR WELDED
 - 6" OR GREATER - FLANGED OR WELDED
 3. DRAIN PIPING - SCHEDULE 40 GALVANIZED STEEL WITH MATCHING FITTINGS
 4. SEE SPECIFICATION SECTION 2113 13 FOR ADDITIONAL REQUIREMENTS

AUTOMATIC SPRINKLER NOTES 1

SPRINKLER DEMAND HYDRAULIC CALCULATIONS (CALCULATIONS BASED ON HAZEN-WILLIAMS FORMULA)										
OWNER:	CITY OF KNOXVILLE-POB	LOCATION:	KNOXVILLE, TN	ICT File:	190424					
Ordinary HAZARD										
STEP 1 - WATER FLOW REQUIREMENTS										
A. SPRINKLERS										
Wet	Area (SF)	Density (GPM/SF)	Dry Sys. Factor	Pressure Factor						
	1,500	0.15	1.0	1.08					243 GPM	
Ordinary Hazard ; NFPA 13-02-21										
Dry	Area (SF)	Density (GPM/SF)	Dry Sys. Factor	Pressure Factor					0 GPM	
	0	0.20	1.0	1.08					(N/A)	
Deluge	k Factor	Press. ^{0.5}	# of Heads	Pressure Factor					0 GPM	
	5.8	0	0	1.15					(N/A)	
ESFR	k Factor	Press. ^{0.5}	# of Heads	Pressure Factor					0 GPM	
	16.8	52	0	0					(N/A)	
CMSA	k Factor	Press. ^{0.5}	# of Heads	Pressure Factor					0 GPM	
	25.2	40	0	1.15					(N/A)	
Water Curtain	Linear Feet	Area (SF) x (GPM/SF)	Density (GPM/SF)	Pressure Factor					0 GPM	
	0	0	0	1.00					(N/A)	
Cooling Towers	Area (SF) x (GPM/SF)	Density (GPM/SF)	Pressure Factor						0 GPM	
	0	0	1.00						(N/A)	
B. IN-RACK SPRINKLERS	k Factor	Press. ^{0.5}	# of Heads	Pressure Factor					0 GPM	
	0.0	0	0	0					(N/A)	
C. HOSE STREAM ALLOWANCE	Interior	Exterior	Total						250 GPM	
	250	0	250						(N/A)	
D. TOTAL FLOW REQUIRED (Maximum of Sprinklers) + In-racks + Hose)										
	493 GPM									
STEP 2 - WATER PRESSURE LOSSES AT YARD PIPING										
E. Elevation of test hydrant (pivot height):	5.00 Feet									
F. Elevation of base of riser (FF Elevation):	3.00 Feet									
G. Difference (E-F):	2.00 Feet									
H. Pressure Loss at Backflow Preventer:	10 PSI									
I. Friction Loss - Yard piping to riser:	Flow Factor: 1.0 (1.0 if direct, 0.5 if looped)									
	GPM	Dist. (Feet)	C	(Feet)	(F/100 Ft)	to PSI	Subtotal			
	493	6.00	140	80	1.74	0.433	0.6	PSI		
	493	6.00	140	80	1.74	0.433	0.6	PSI		
	0	0.00	140	0	N/A	0.433	N/A	PSI		
	0	0.00	140	0	N/A	0.433	N/A	PSI		
								Subtotal, Friction Loss:	1.2	
J. Pressure Losses at Yard Piping (G+H+I):	12.5 PSI									
STEP 3 - WATER PRESSURE REQUIRED AT BASE OF RISER										
K. Static head loss (tallest sprinkler AFF):	70.00 Feet x 0.433 = 30.3 PSI									
L. Residual pressure required at most remote sprinkler: (basis: k= 5.6)	10.0 PSI									
M. Losses at alarm check valve:	5.0 PSI									
N. Number of Sprinklers to be Calculated in Most Remote Area:	81									
	Sq. Feet	Sprinklers	Dist. (Feet)	Sprinklers	Branches in	GPM per				
	per Head	Remotely	Sprinklers (Ft)	per branch	Remotely	Area				
	100	15	10	5	3	81				
O. Friction loss: base of riser to most remote point:	Flow Factor: 1.0 (1.0 if tree, 0.5 if looped)									
	GPM	Dist. (Feet)	C	(Feet)	(F/100 Ft)	to PSI	Subtotal			
	16	1.81	100	10.0	3.5	0.433	0.2	PSI		
	32	2.07	100	10.0	3.8	0.433	0.2	PSI		
	49	2.47	100	10.0	3.4	0.433	0.1	PSI		
	65	2.47	100	10.0	5.7	0.433	0.2	PSI		
	81	3.07	100	10.0	3.0	0.433	0.1	PSI		
	N/A	3.07	100	10.0	0	0.433	N/A	PSI		
	N/A	0.00	100	10.0	0	0.433	N/A	PSI		
								Subtotal, Friction Loss:	1.8	
P. Pressure Required at Base of Riser (K+L+M+N):	47.1 PSI									
STEP 4 - PRESSURE AVAILABLE AT BASE OF RISER										
Q. Yard Losses (J):	12.5 PSI									
R. Correction of Water Flow Test Data:	Basis: KUB									
Static pressure:	34	PSI	Test Flow:	884.0	GPM					
Resid. Pressure:	30	PSI	Required Flow:	493	GPM					
Available flow at hydrant at 20 psi:						1,740	GPM			
Residual pressure available at hydrant corrected for design flow:	32.6 PSI									
S. Boost from Fire Pump:	0.0 Feet x 0.433 = 0.0 PSI									
(At design flow)										
T. Pressure Loss at Pump Inlet (fittings, filters, etc.):	1.0 PSI									
U. Pressure Available at Base of Riser:										
Case 1: Hydrant residual (R) is 20 psi or more (Q+R+S-T):	19.1 PSI									
Case 2: Hydrant source is inadequate; tank is used (S-T):	N/A									
STEP 5 - TOTAL SYSTEM PRESSURE REQUIRED AT HYDRANT										
V. System pressure required at hydrant (U-P):	59.7 PSI									
STEP 6 - SYSTEM PRESSURE FACTOR OF SAFETY										
W. System surplus pressure (U-P):	MINIMUM OF 10.0 PSI									
	28.0 PSI									
X. Water pressure factor of safety (W/P):	MINIMUM OF 10.0% 28.4%									
NOTE: THESE CALCULATIONS ARE PRELIMINARY. THEY ARE BASED ON THEORETICAL CONDITIONS. FINAL DESIGN SHALL BE BASED ON DETAILED HYDRAULIC CALCULATIONS AND CURRENT (LESS THAN 6-MONTHS OLD) TWO-HYDRANT FLOW TEST. PRELIMINARY PIPE SIZES SHOWN ABOVE MAY INCREASE IN FINAL DESIGN. INCREASE IN PIPE SIZES SHALL NOT BE JUSTIFICATION FOR INCREASE IN CONTRACTOR'S PRICE.										

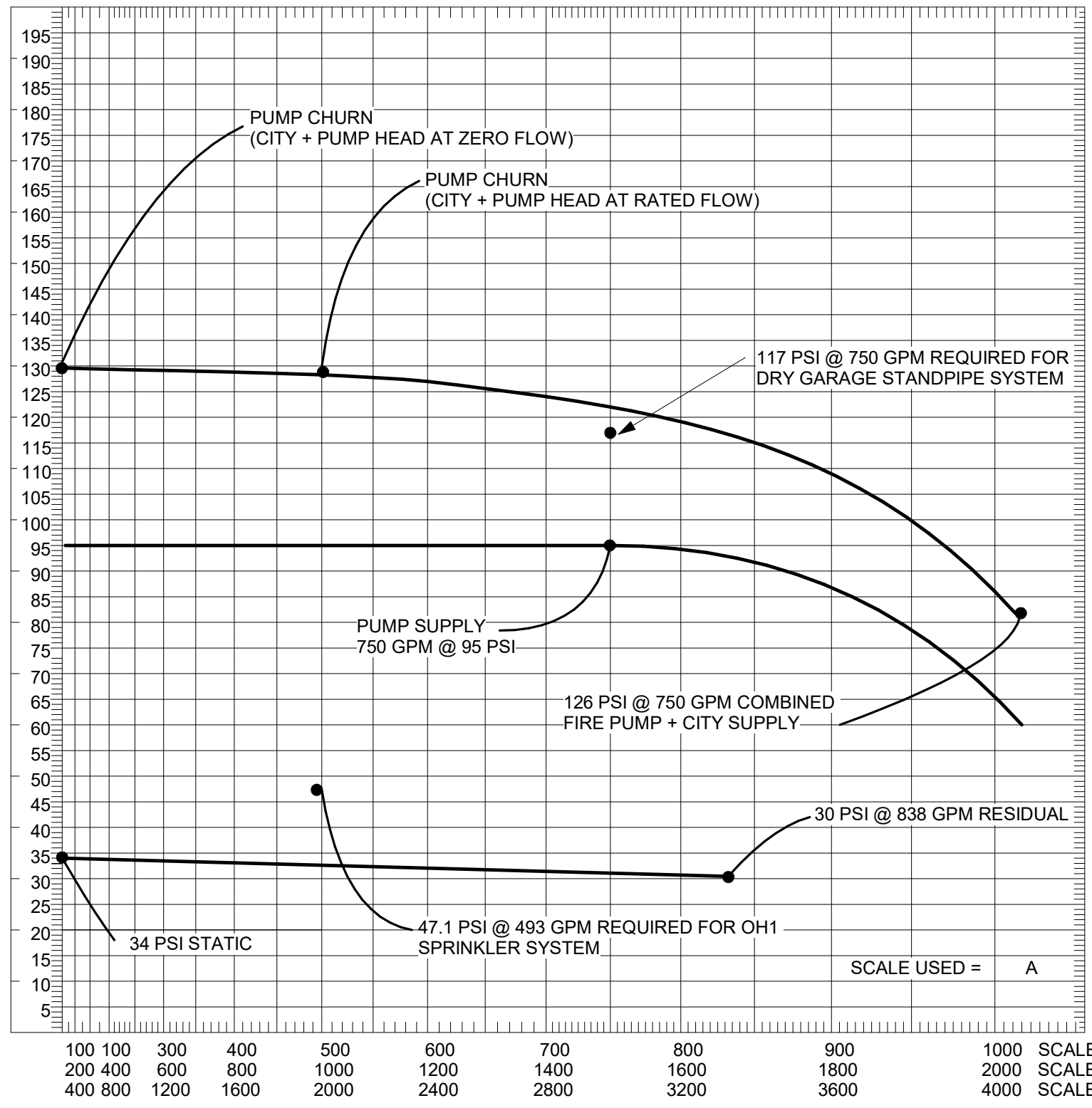
PRELIMINARY SPRINKLER HYDRAULICS 2
No Scale

FIRE PROTECTION			
ABBREVIATION	DESCRIPTION	ABBREVIATION	DESCRIPTION
A/S	AUTOMATIC SPRINKLER	FPW	FIRE PROTECTION WET PIPE
FDV	FIRE DEPARTMENT VALVE	OS&Y	OUTSIDE SCREW & YOKE
FPD	FIRE PROTECTION DRY PIPE	PRV	PRESSURE REDUCING VALVE
FE	FIRE EXTINGUISHER	W/	WITH
FEC	FIRE EXTINGUISHER CABINET	FDVC	FIRE DEPT. VALVE CABINET
FDVC/FE	FIRE DEPT. VALVE CABINET WITH EXTINGUISHER		

AUTOMATIC SPRINKLER NOTES 1

Preliminary Standpipe Hydraulic Calculation	
Project Number:	190424
Project Name:	COK - POB
Location:	Knoxville, TN
Designer:	BM
Engineer:	PM
Date:	3/3/2021
Flow Test Data:	Static Pressure (psi) 34 Residual Pressure (psi) 30 Flow (gpm) 884 Flow Test Date: 3/20/2020 Flow Test Performed by: KUB
System Type:	Class I
Occupancy Hazard Classification	Ordinary Hazard
Standpipe System Calculations:	
A. Total Calculated Flow:	750 GPM
B. Residual City Water Pressure Available at Main for Flow Conditions	32.00 PSI
C. Static Head Loss from City Main to Building (ft x 0.433 psi/ft) (Elevation Difference between Test Fire Hydrant and Base of Riser 8 Above Finished Floor)	4 PSI
D. Pipe Friction Loss from Test Hydrant to Building 75 Distance from Test Hydrant to Building Water Entrance (ft) 1 Pressure Loss in Pipe from Test Hydrant to Building Water Entrance (psi/100 ft)	0.75 PSI
E. Pressure Loss Through Backflow Preventer	10 PSI
F. Pressure Available at Base of Riser of Building (B-(C+D+E))	25 PSI
G. Static Head Loss (ft x 0.433 psi/ft) 8 Elevation Difference between Base of Riser and Highest Point of Standpipe System	4 PSI
H. Residual Pressure Required at Most Remote Standpipe Connection	100 PSI
I. Inside Pipe Friction Loss from Base of Riser to the Most Remote Standpipe Connection 300 Length of Pipe (ft) 2 Friction Loss Inside Pipe (psi/100 ft)	6 PSI
J. Pressure Requirement at Base of Riser (G+H+I)	110 PSI
K. City Water Residual Pressure LACKING, a Fire Pump MUST BE PROVIDED to Meet Minimal Lacking Pressure	-85 PSI
L. Sprinkler System Total Requirement: (C+D+E+J)	117 PSI
M. Safety Factor Proposed Fire Pump, Where Applicable, Total Dynamic Head (psi) Difference between System Demand and Available Water Supply	95 PSI 108.78%

PRELIMINARY STANDPIPE HYDRAULICS 3
No Scale



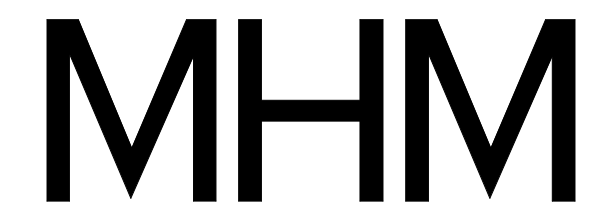
HYDRANT NO.	OUTLET (INCHES)	STATIC (PSI)	RESIDUAL (PSI)	PITOT (PSI)	FLOW (GPM)	JOB NAME:	COK SAFETY COMPLEX
TEST HYD.	2.5	34	30	838	750	DATE:	03-20-20
						TESTED BY:	KUB

NOTE: DO NOT ATTEMPT TO RUN PUMP AT 150% CAPACITY. BUILDING WATER SUPPLY CAN NOT SUSTAIN A 150% CAPACITY FLOW TEST. VERIFY WITH HYDRAULIC CALCULATIONS THE MAX ALLOWABLE DISCHARGE OF THE PUMP. PROVIDE SIGNAGE.

WATER FLOW TEST SUMMARY SHEET 4
No Scale

FIRE PUMP SCHEDULE						
SERVICE	TYPE	GPM	TDH (PSI)	HORSE POWER	VOLTAGE	RPM
FIRE PUMP	ELECTRIC	750	95	60	460/3/60	3600
JOCKEY PUMP	ELECTRIC	7.5	105	1.5	460/3/60	

- 1 FIRE PUMP BASED UPON AURORA MODEL 4-481-11D
- 2 JOCKEY PUMP BASED UPON PENTAIR MODEL PVM1-10



McCarthy Holsapple McCarthy, Inc.
550 W. Main St., Suite 300
Knoxville, TN 37902
1-865-544-2000
www.mhmcinc.com



Project Information:
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900 East Oak Hill Ave, Knoxville, TN

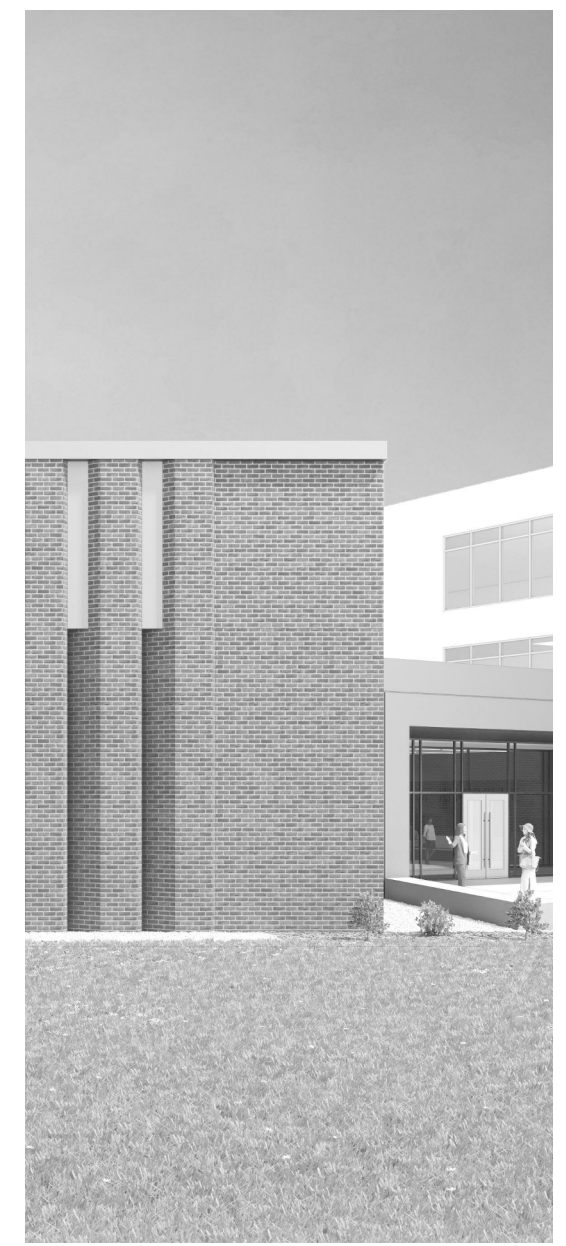


Consultant: **ICT**
I.C. THOMASSON ASSOCIATES, INC.
1114 CLINCH AVENUE, SUITE 200
KNOXVILLE, TENNESSEE 37916
PHONE (865) 525-3488 FAX (865) 525-4471
www.ictthomasson.com

#	ISSUE	DATE
	ADD 04.1	Date 4

Issue Date: AUGUST 28, 2020
PIC: DAVID COLLINS
PM: JOHN THURMAN
PA: LAUREN BUSH /
Drawn By: P. SUITE
Checked By: P. MCCOWN
Drawing Info:

FP200.3
PB - FIRE PROTECTION - NOTES, CALCULATIONS AND ABBREVIATIONS



Project Information:

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Seal:



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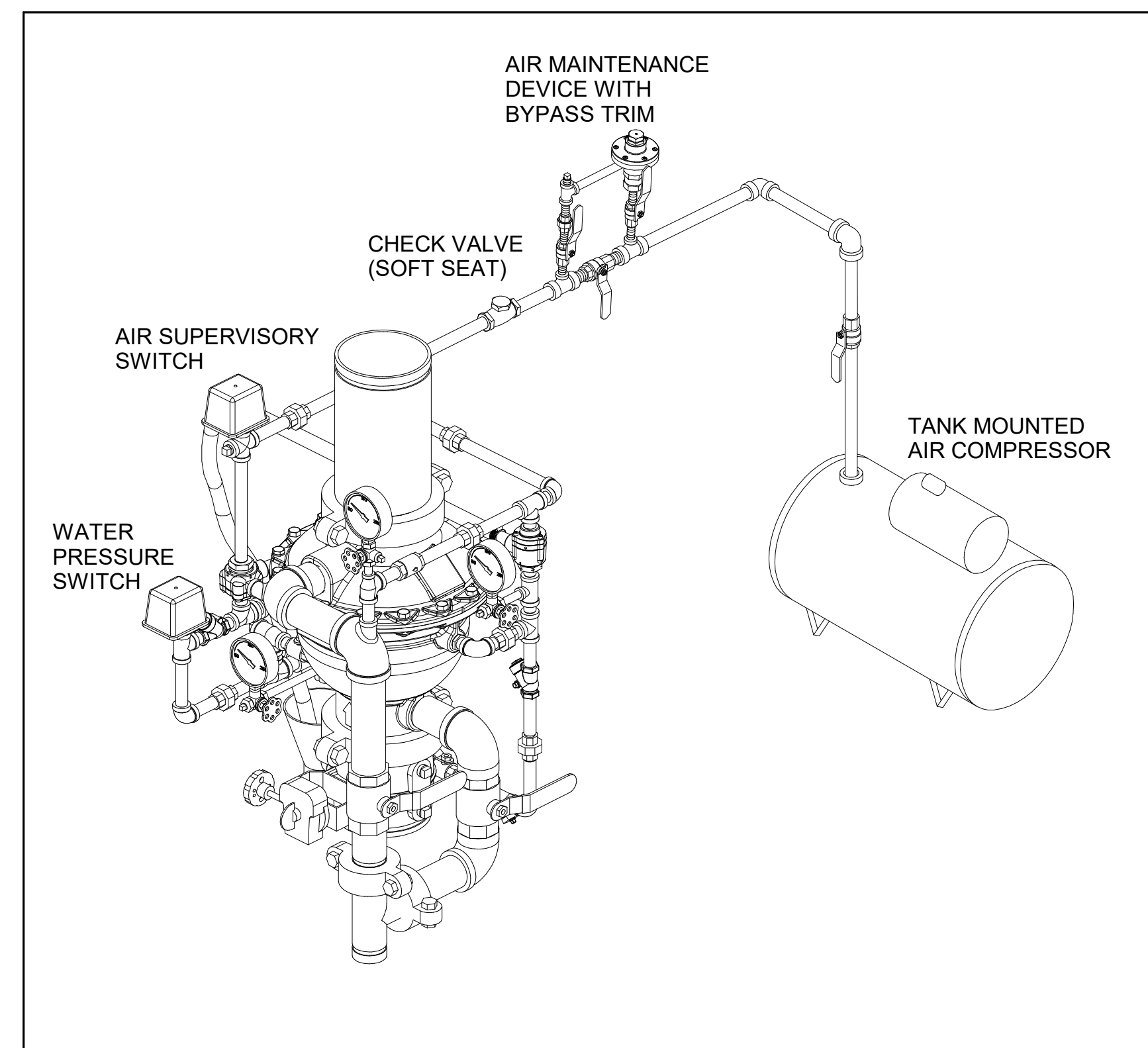
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ADD 04.1		03/03/21

Issue Date: FEBRUARY 1, 2021
PIC: DAVID COLLINS
PM: JOHN THURMAN
PA: LAUREN BUSH /
Drawn By: P. SUITE
Checked By: P. MCCOWN

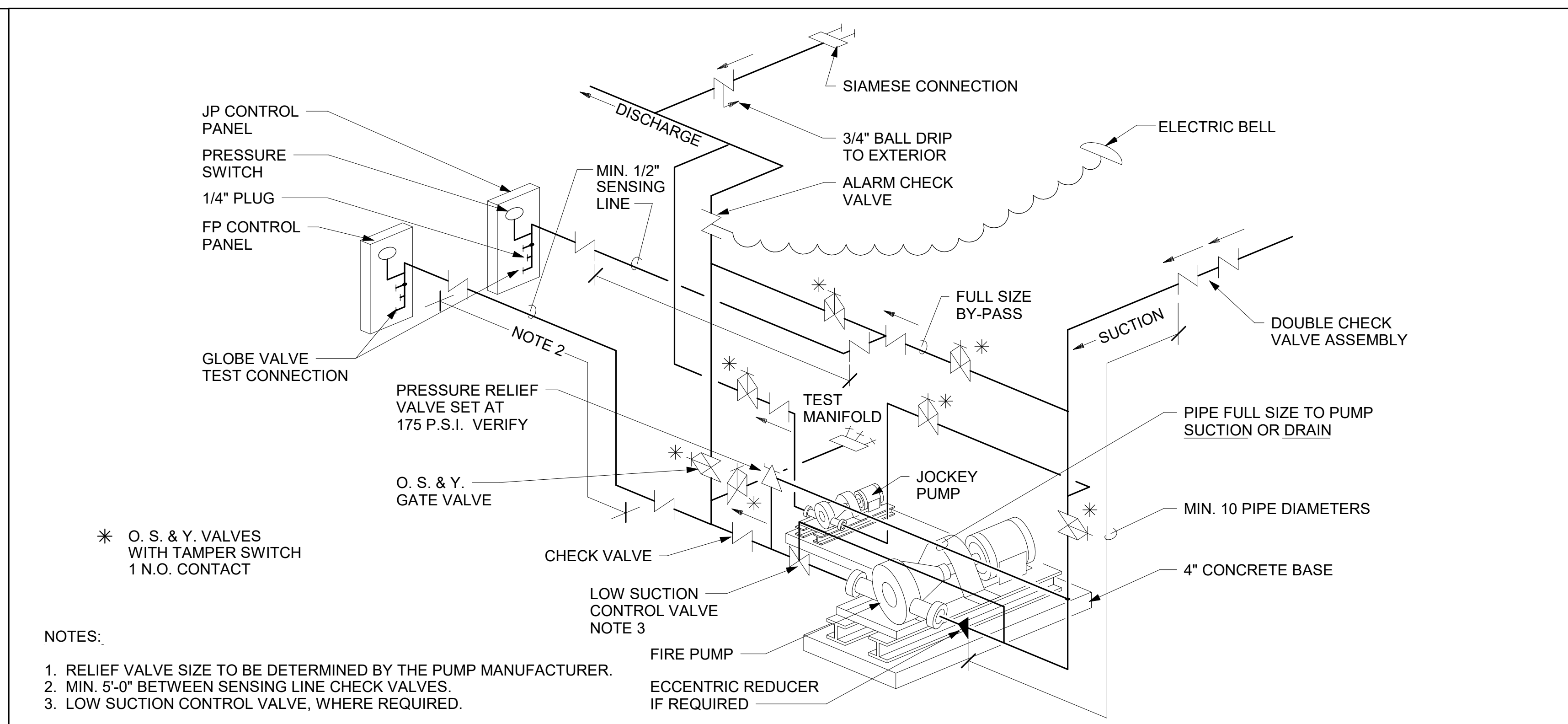
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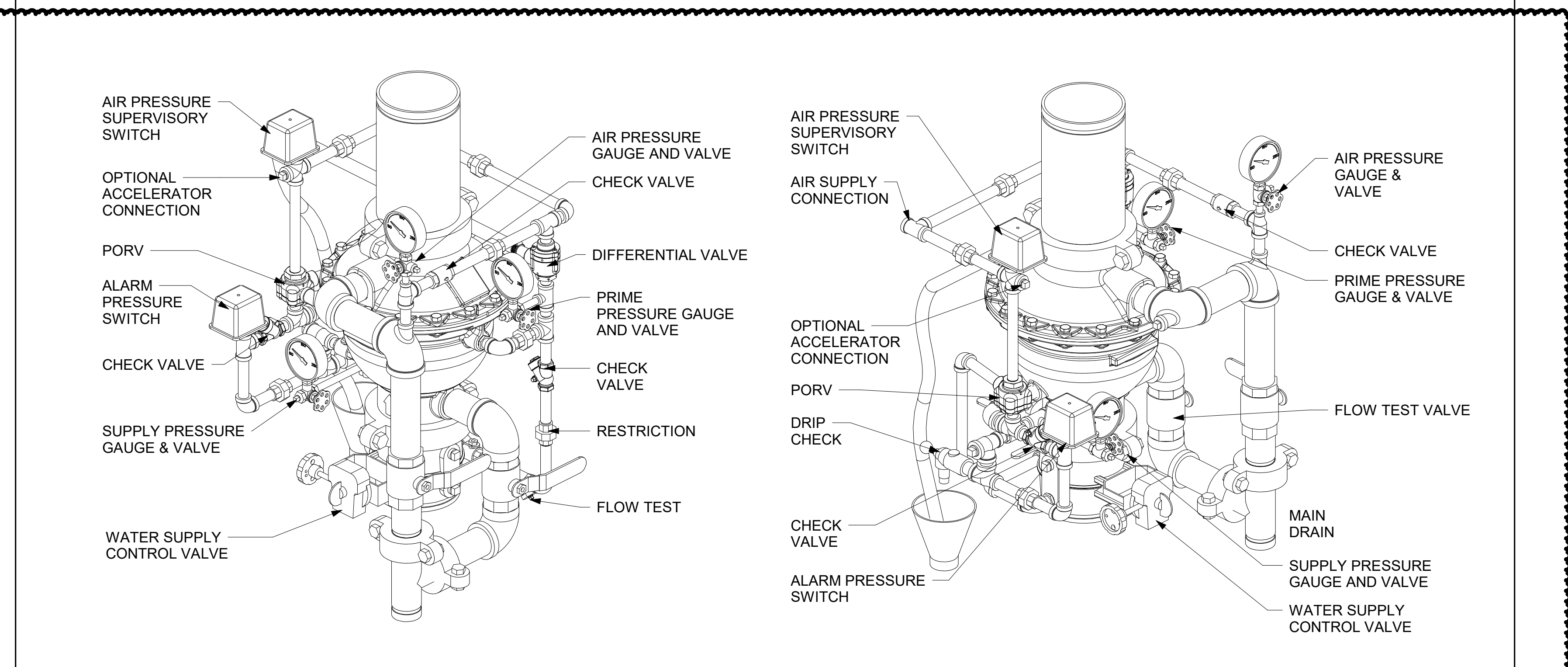
FIRE PROTECTION - DETAILS



DRY PIPE SYSTEM TANK COMPRESSOR DETAIL
No Scale



FIRE AND JOCKEY PUMP PIPING DIAGRAM
No Scale



DRY PIPE VALVE ASSEMBLY
No Scale



Project Information:

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#	ISSUE	DATE
ADD 02.1		02/17/21
ADD 04.1		03/03/21

Issue Date: FEBRUARY 1, 2021
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PA: LAUREN BUSH /
Drawn By: P. SUITE
Checked By: P. MCCOWN

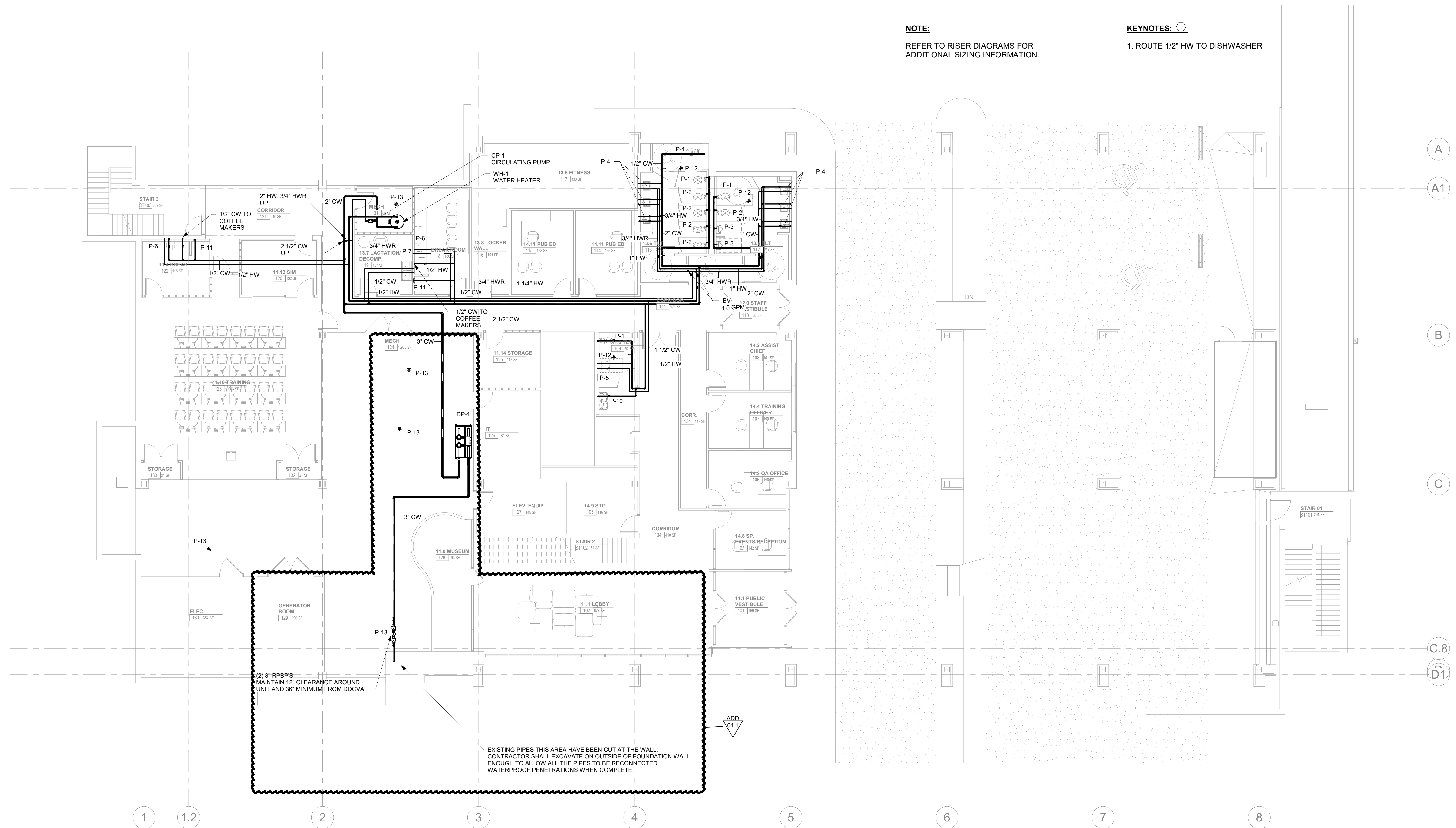
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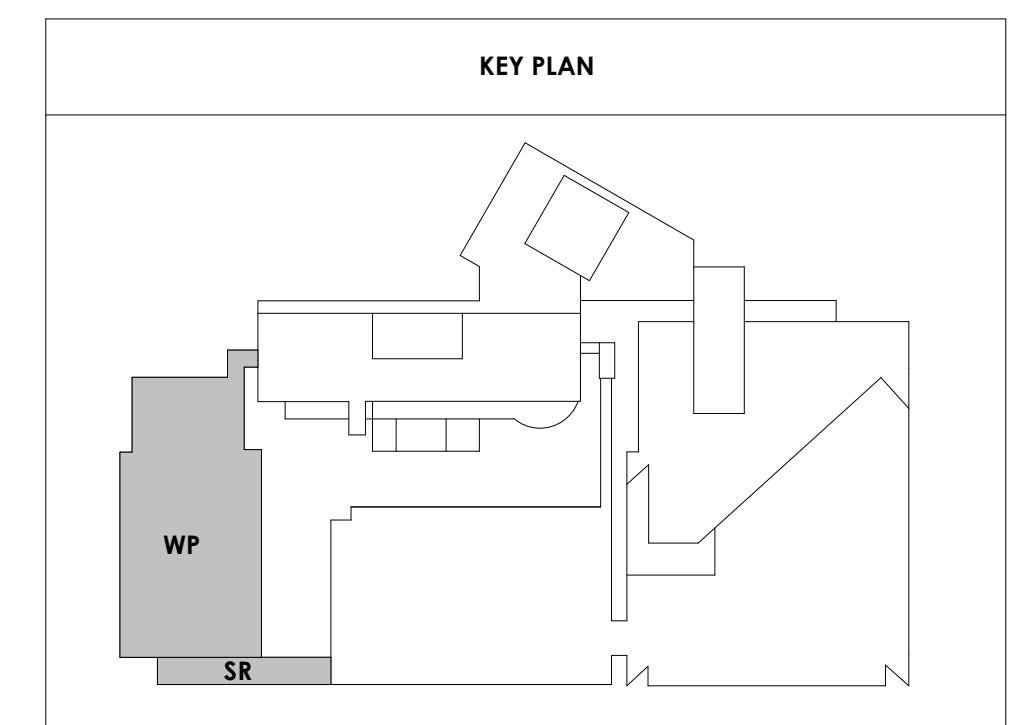
WP - FIRST LEVEL
FLOOR PLAN -
PLUMBING

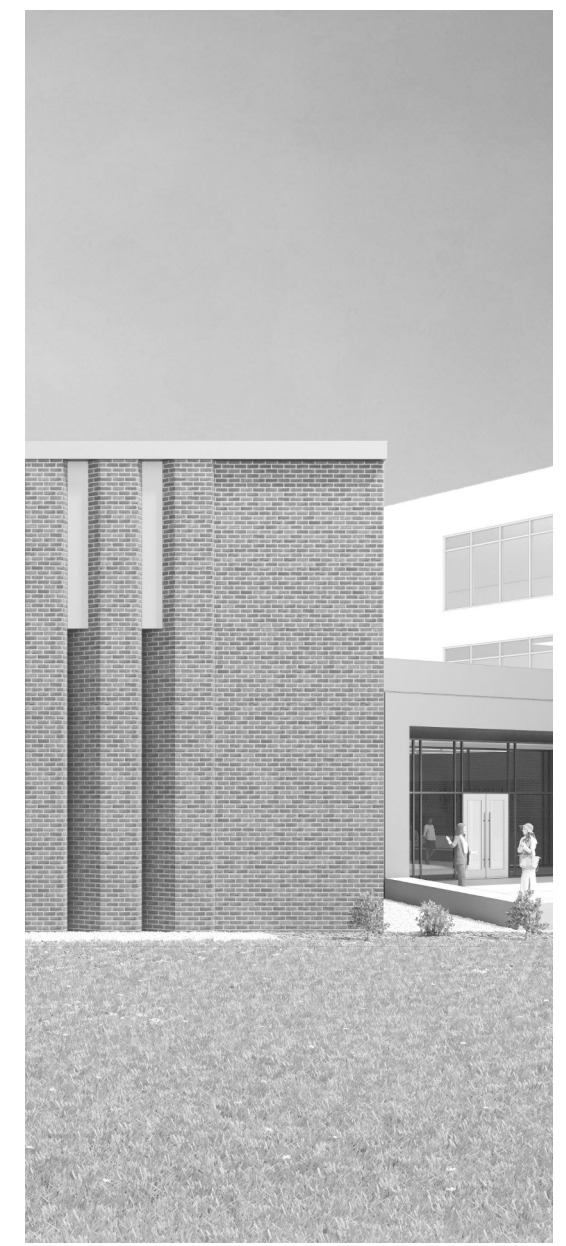
NOTE:
REFER TO RISER DIAGRAMS FOR
ADDITIONAL SIZING INFORMATION.

KEYNOTES: ○
1. ROUTE 1/2" HW TO DISHWASHER



1 ALTERNATE 1B - WOMEN'S PAVILION LEVEL 1 - FLOOR PLAN - PLUMBING
P101 1/8" = 1'-0"





Project Information:

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PA: LAUREN BUSH /

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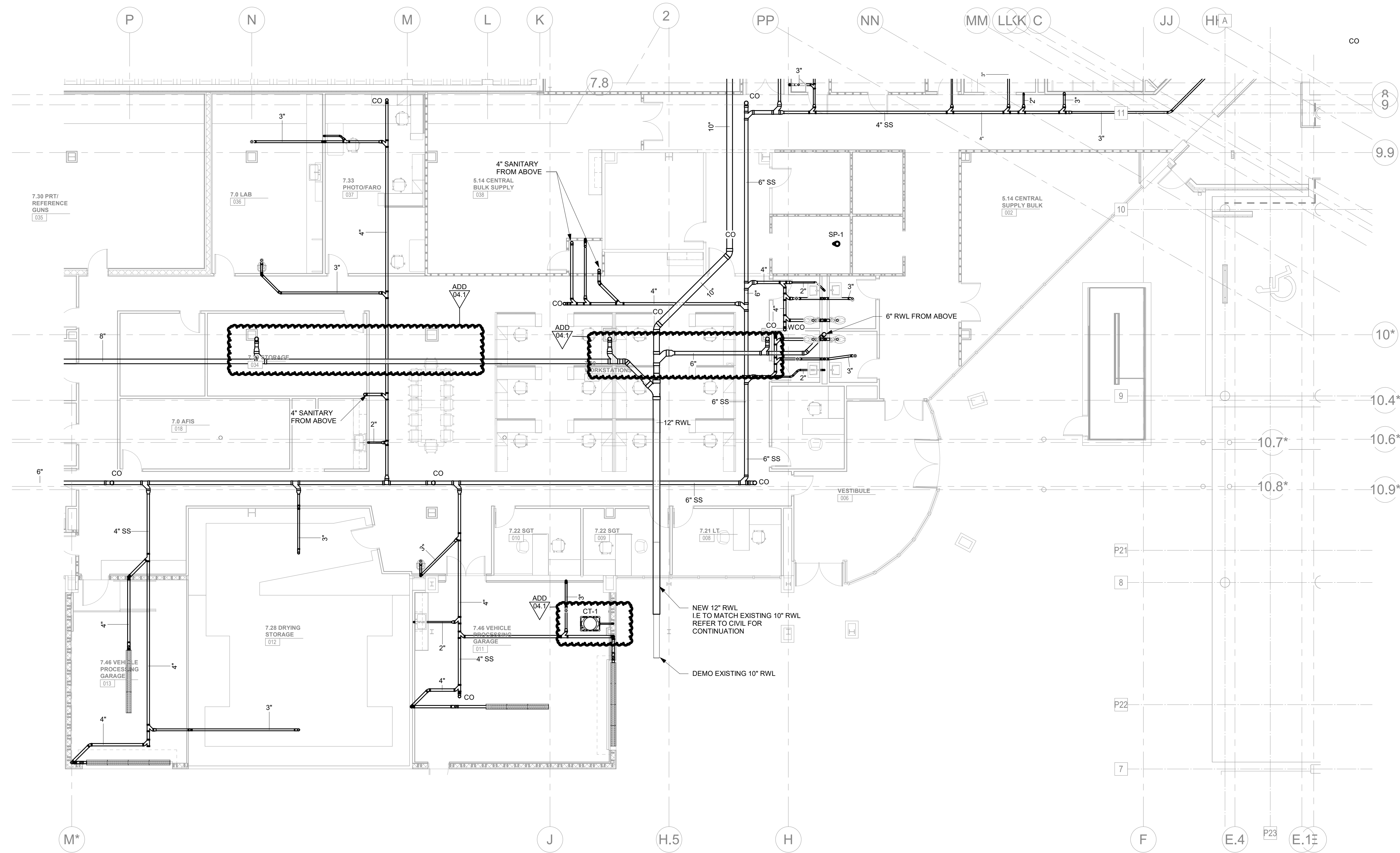
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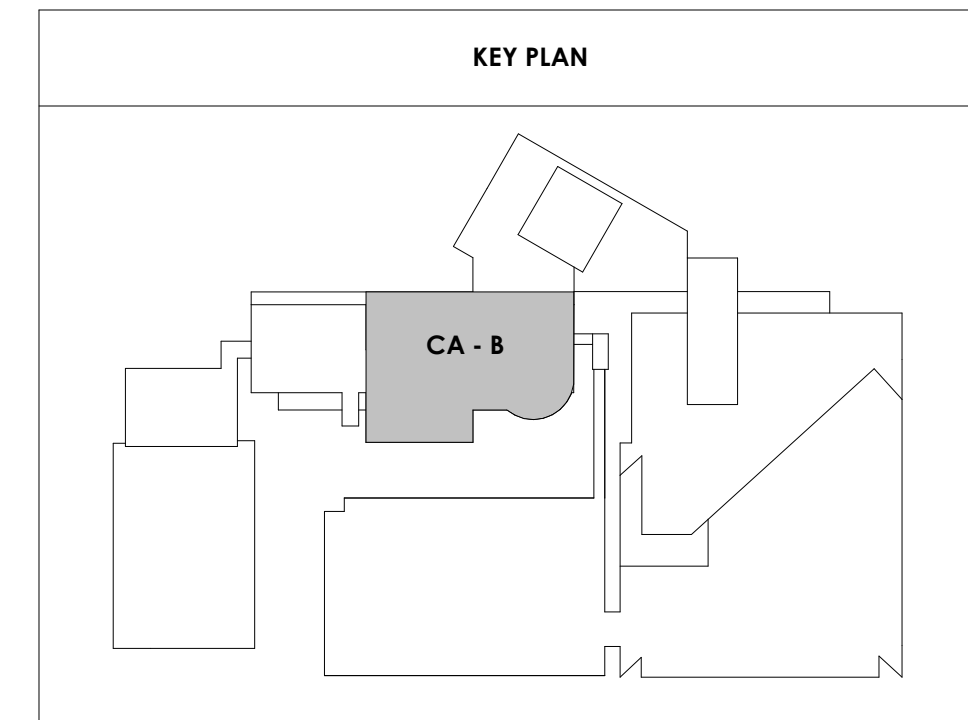
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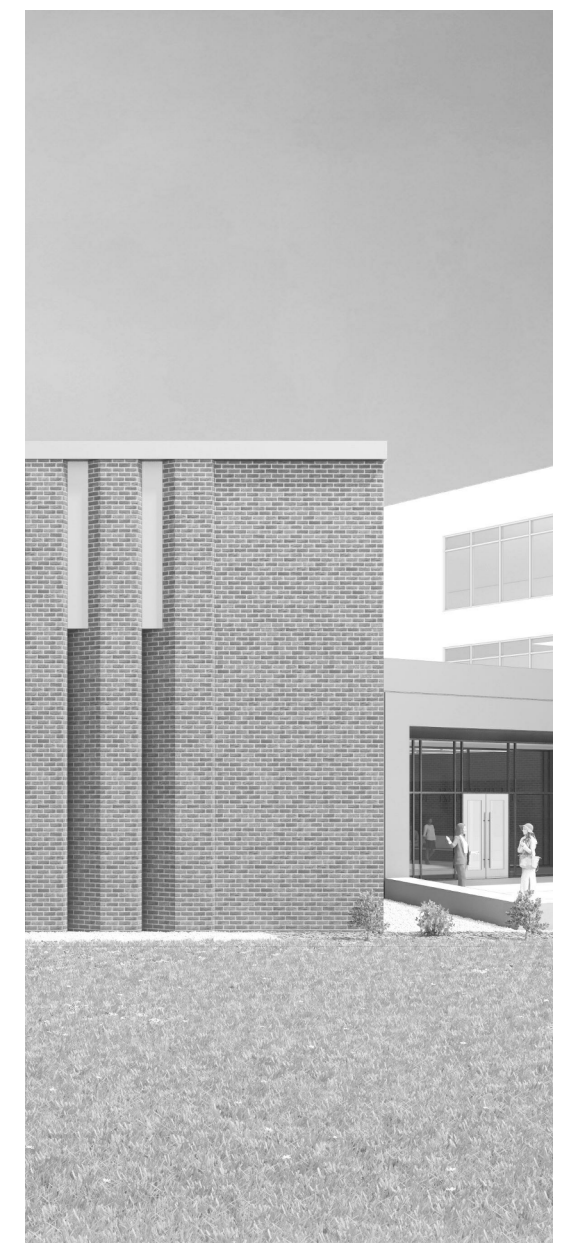
CA - LEVEL LL3 B
FLOOR PLAN -
SANITARY
UNDERGROUND

NOTE:
EXISTING RAINWATER STACK SHOWN FOR REFERENCE. DEMO
EXISTING RWL ONCE NEW STORM PIPING SYSTEM IS INSTALLED.



CENTRAL ANNEX - LEVEL LL3 B FLOOR PLAN - SANITARY UNDERGROUND
P210.2 1/8" = 1'-0"





Project Information:

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ISSUE DATE

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ADD 04.1	03/03/21

Issue Date: FEBRUARY 1, 2021

PIC DAVID COLLINS

PM JOHN THURMAN

PA LAUREN BUSH /

Drawn By: P. SUITE

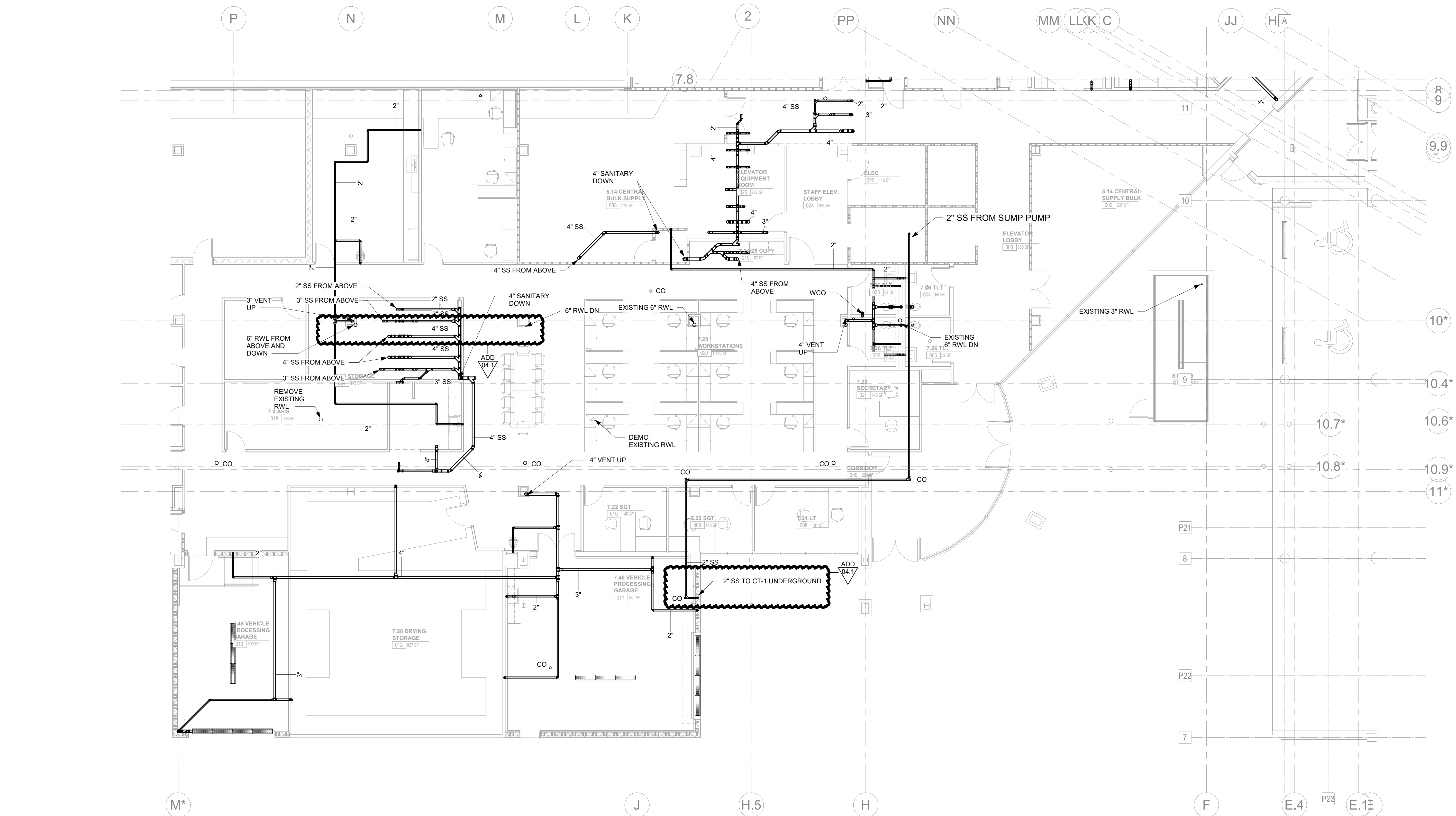
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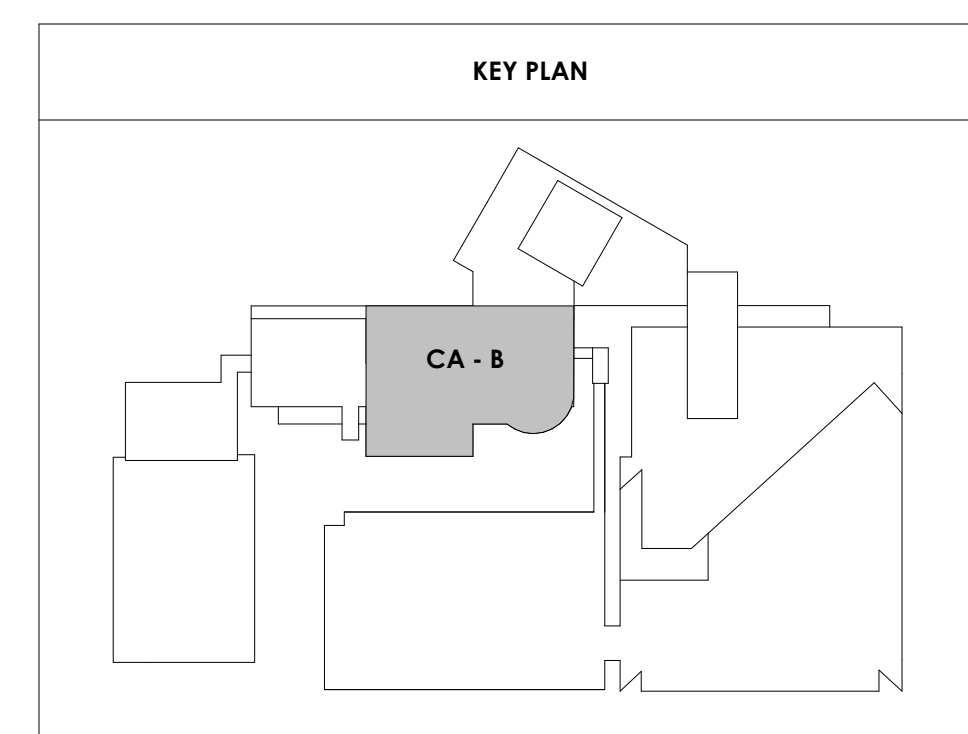
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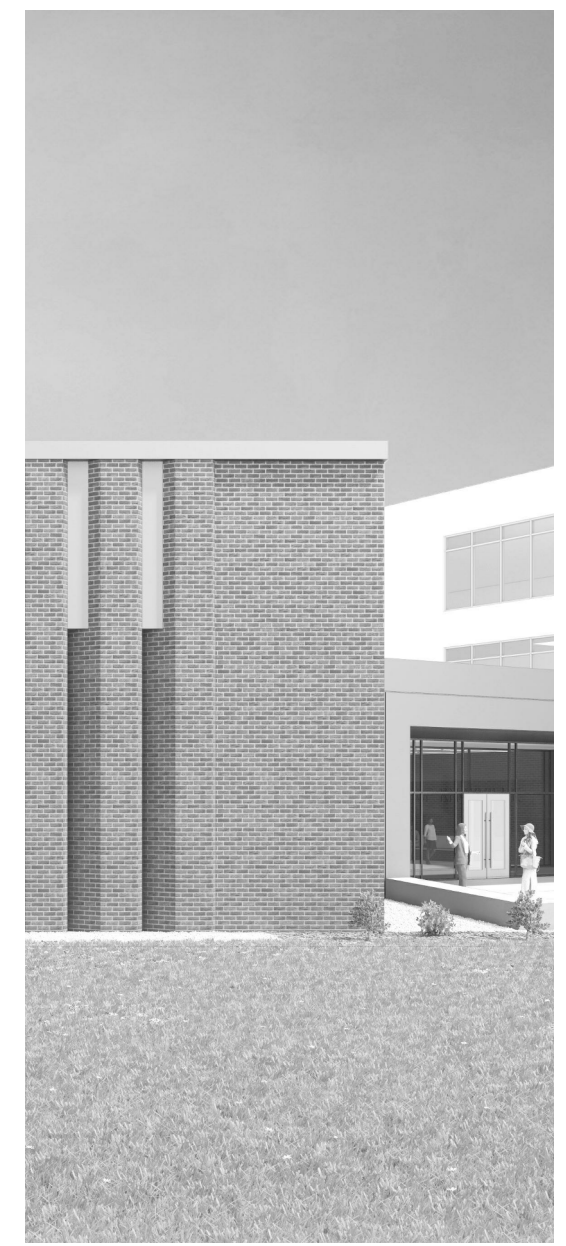
CA - LEVEL LL3 B
FLOOR PLAN -
SANITARY

NOTE:
EXISTING RAINWATER STACK SHOWN FOR REFERENCE. DEMO
EXISTING RWL ONCE NEW STORM PIPING SYSTEM IS INSTALLED.



CENTRAL ANNEX - LEVEL LL3 B FLOOR PLAN - SANITARY
P210.5 1/8" = 1'-0"





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#	ISSUE	DATE
1	ADDENDUM #02.1	02/17/21
3	ADDENDUM #04.1	03/03/21

Issue Date:	FEBRUARY 01, 2021
PIC:	DAVID COLLINS
PM:	JOHN THURMAN
PA:	LAUREN BUSH /
Drawn By:	CADD
Checked By:	EPV

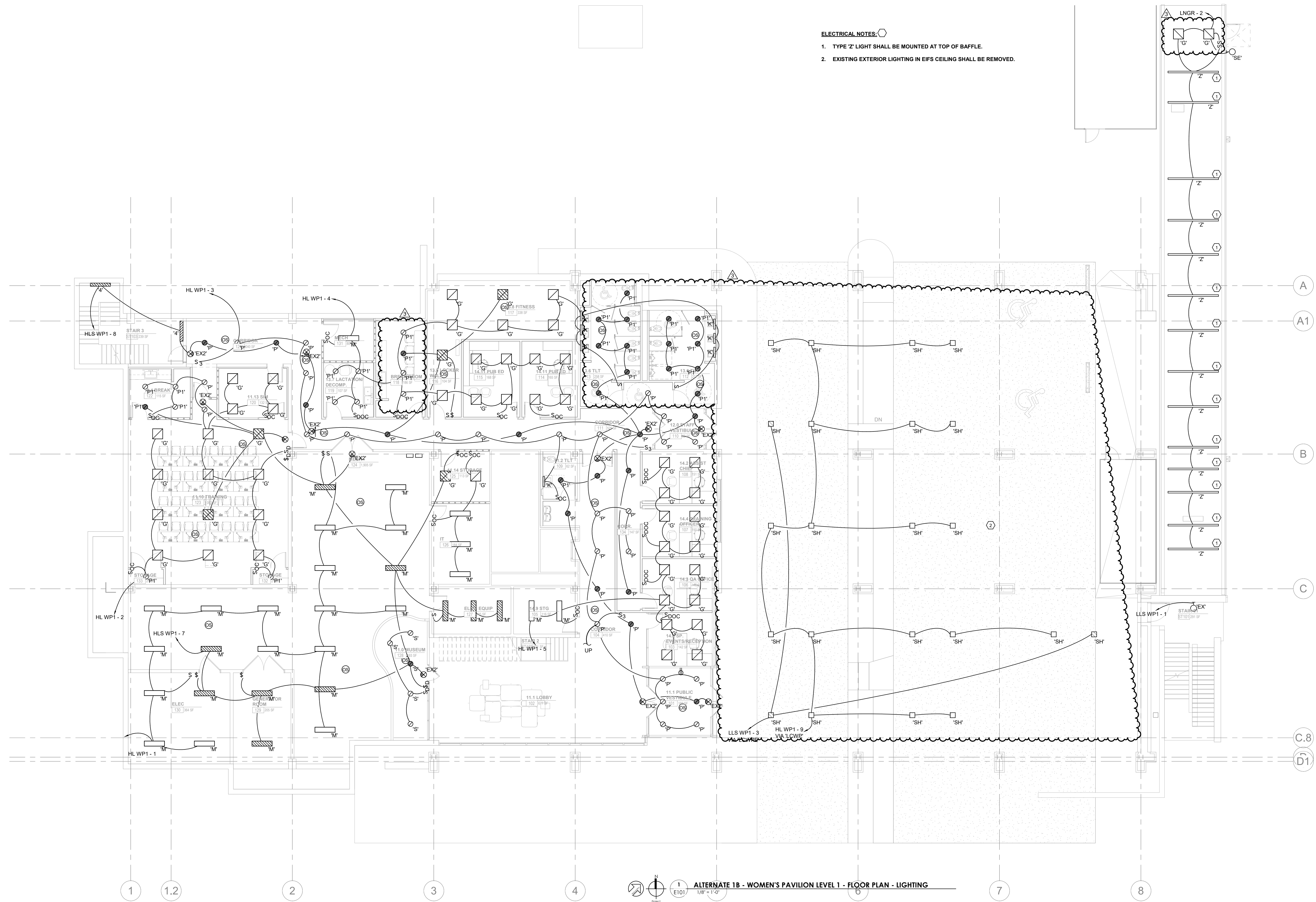
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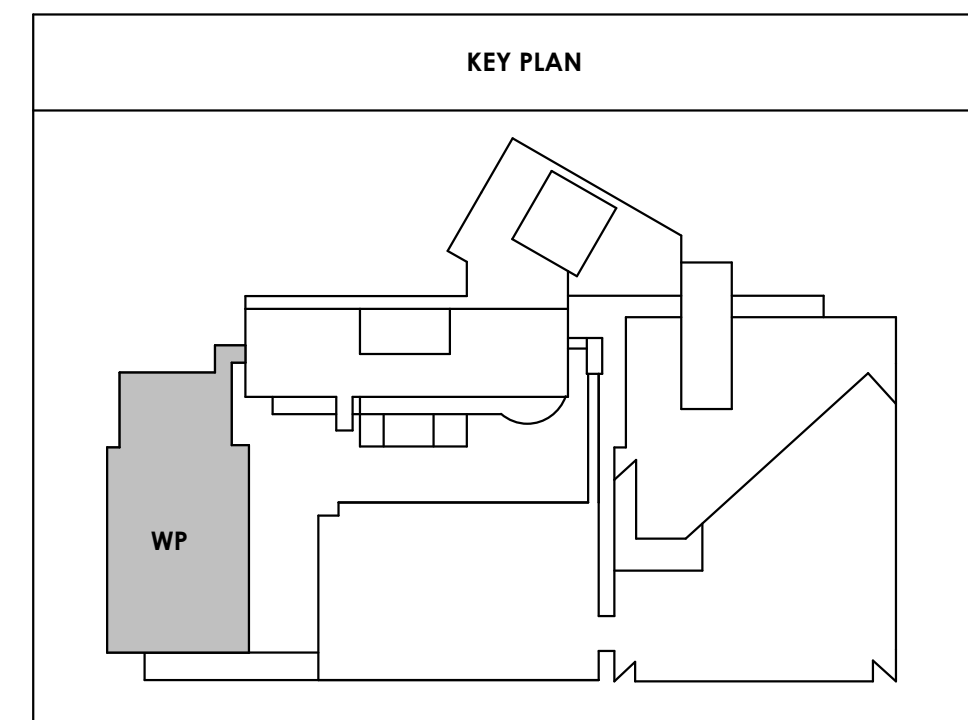
WP - FIRST LEVEL
FLOOR PLAN -
LIGHTING

ELECTRICAL NOTES:

- TYPE 'Z' LIGHT SHALL BE MOUNTED AT TOP OF BAFFLE.
- EXISTING EXTERIOR LIGHTING IN EIFS CEILING SHALL BE REMOVED.



ALTERNATE 1B - WOMEN'S PAVILION LEVEL 1 - FLOOR PLAN - LIGHTING
1/8" = 1'-0"





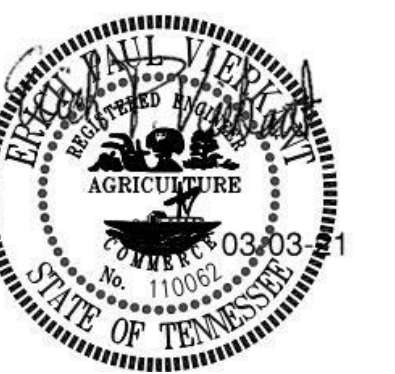
Project Information:

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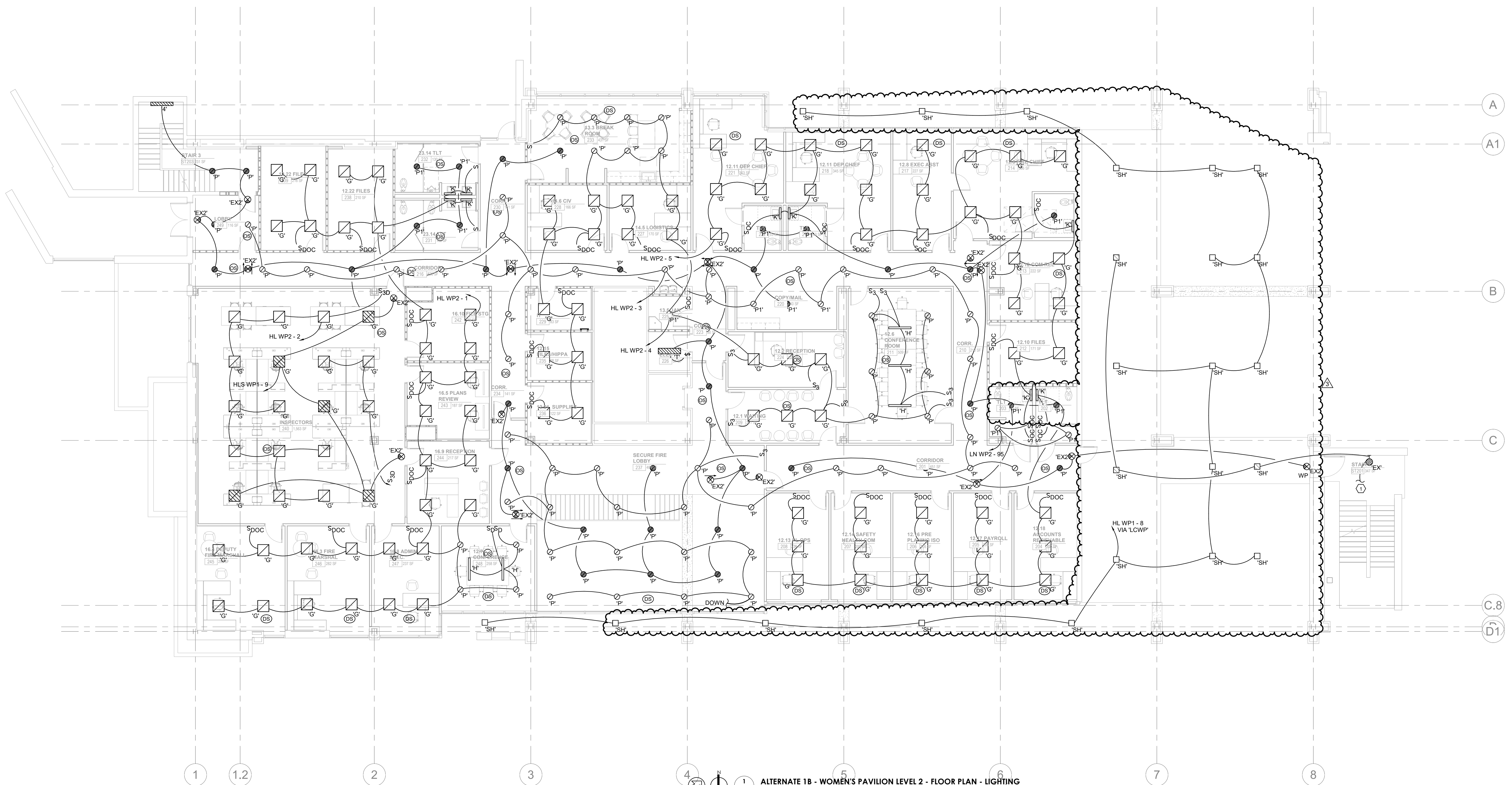
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1	Addendum #02.1	02/17/21
3	Addendum #04.1	03/03/21

Issue Date: FEBRUARY 01, 2021
PIC: DAVID COLLINS
PM: JOHN THURMAN
PA: LAUREN BUSH /
Drawn By: CAD
Checked By: EPV

Drawing Info:

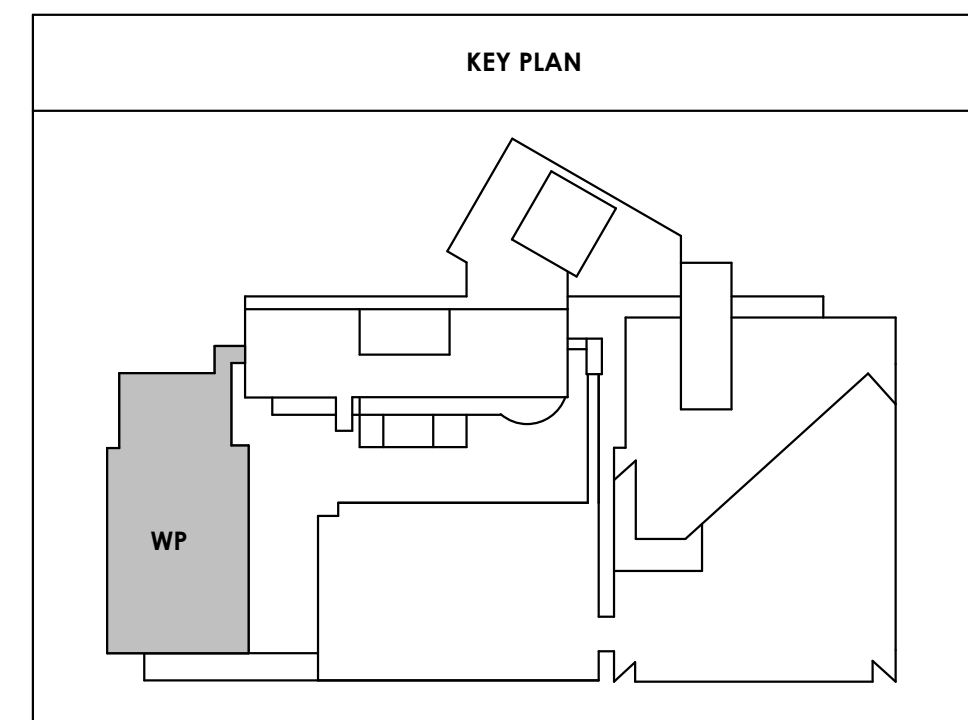
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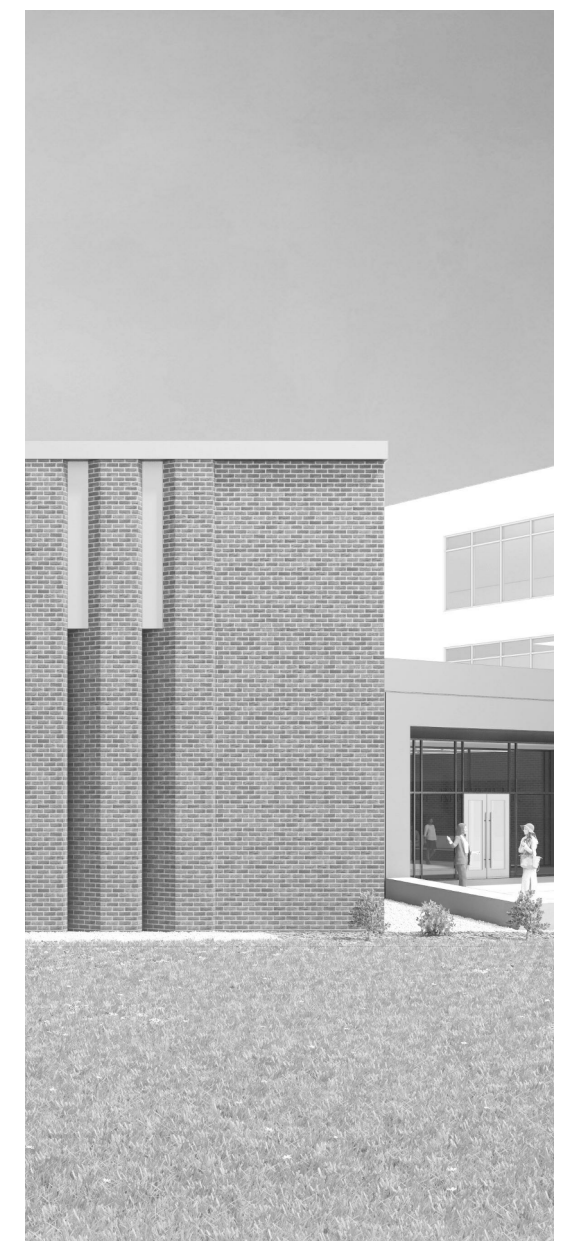
WP - SECOND LEVEL FLOOR PLAN - LIGHTING



ALTERNATE 1B - WOMEN'S PAVILION LEVEL 2 - FLOOR PLAN - LIGHTING
1/8" = 1'-0"

- ELECTRICAL NOTES:**
- EXISTING FIXTURES IN THIS AREA SHALL REMAIN AND BE RE-CIRCUITED TO NEW ELECTRICAL DISTRIBUTION SYSTEM. REFERENCE SHEET E105 FOR CIRCUIT INFORMATION





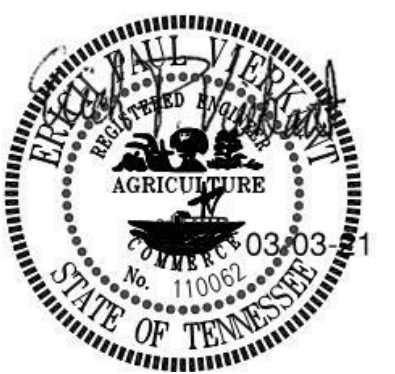
Project Information:

19018

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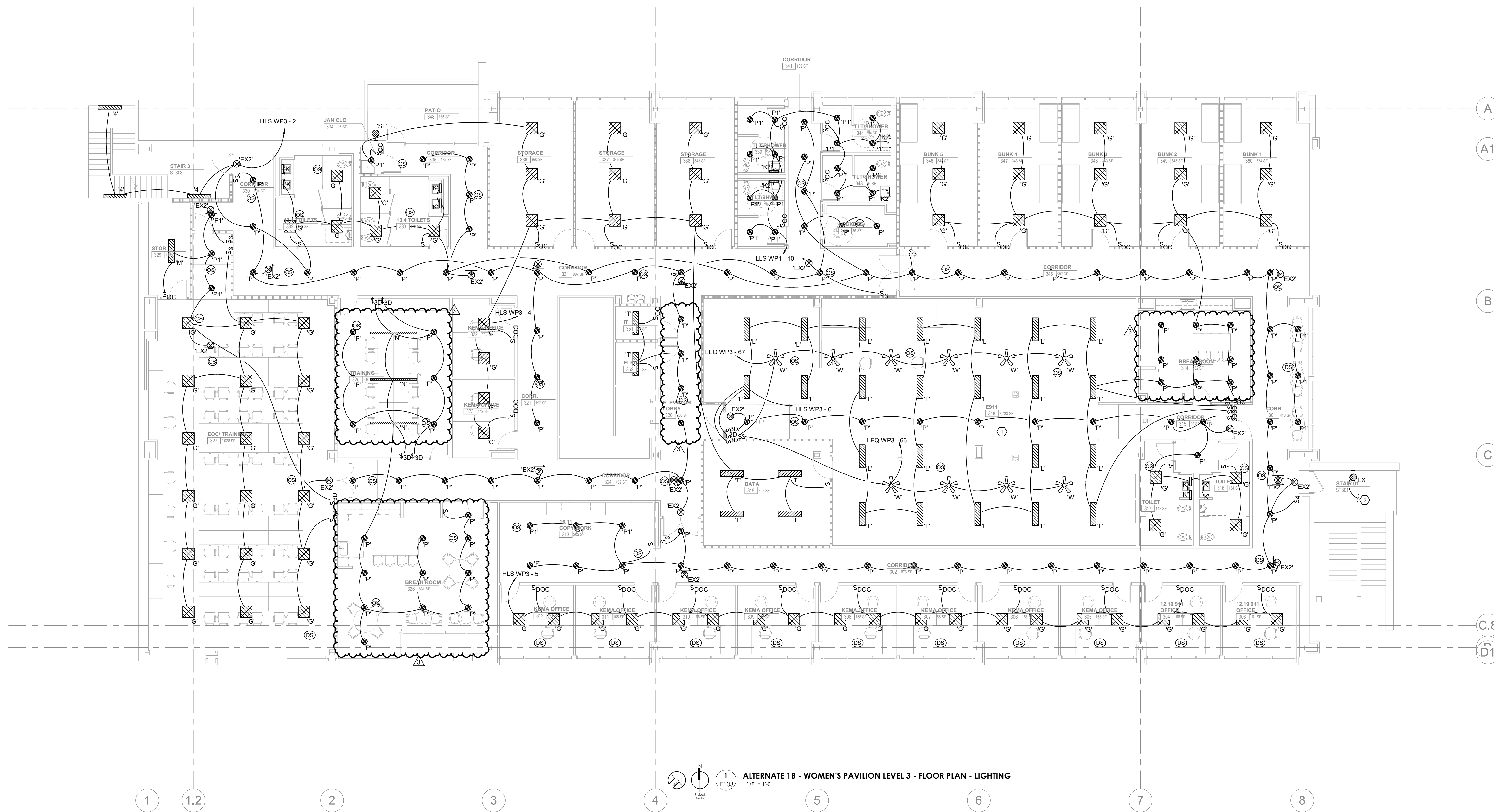
#	ISSUE	DATE
3	Addendum #04.1	03/03/21

Issue Date:	FEBRUARY 01, 2021
PI:	DAVID COLLINS
PM:	JOHN THURMAN
PA:	LAUREN BUSH /
Drawn By:	CADD
Checked By:	EPV

Drawing Info:

E103

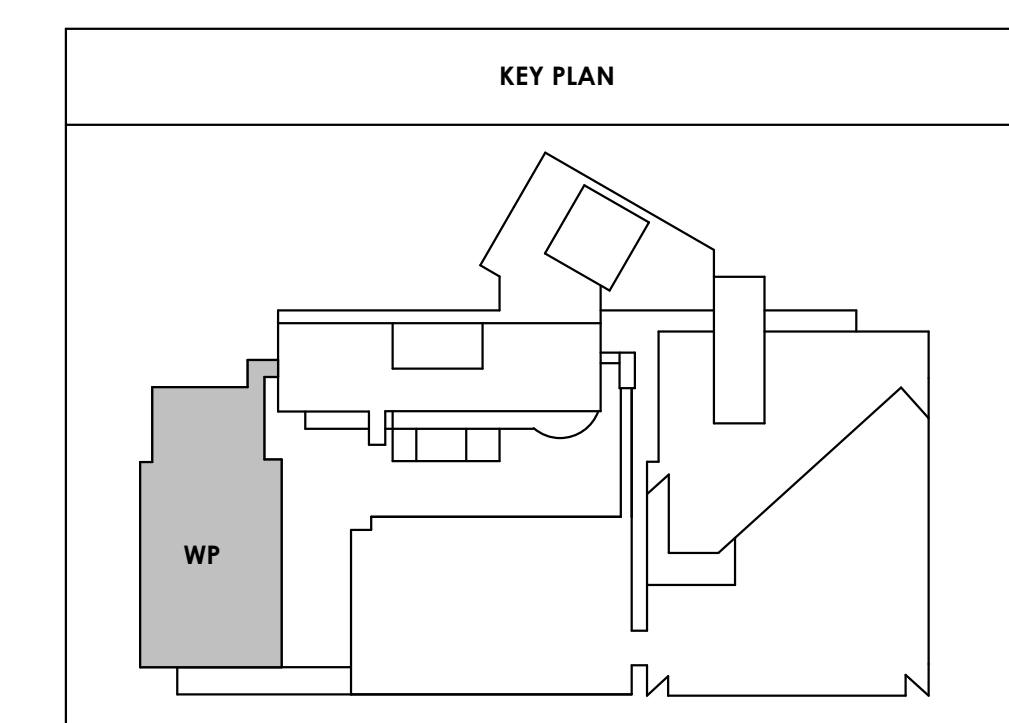
WP - THIRD LEVEL
FLOOR PLAN -
LIGHTING

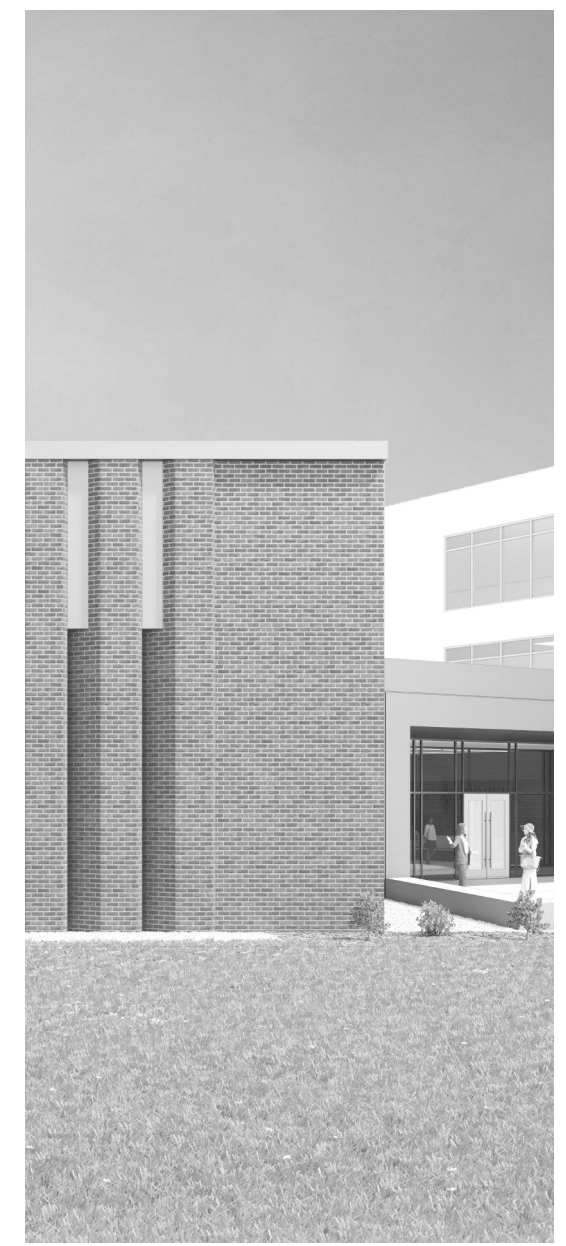


ALTERNATE 1B - WOMEN'S PAVILION LEVEL 3 - FLOOR PLAN - LIGHTING
1/8" = 1'-0"

ELECTRICAL NOTES:

- LIGHTS SHALL HAVE SEPARATE SWITCHING FOR THE DIRECT LIGHT AND THE INDIRECT LIGHT.
- CONNECT TO EXISTING LIGHTING BELOW. REFERENCE SHEET E105 FOR CONTINUATION.





Project Information:

19018

COK SAFETY BUILDING

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Consultant:



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#	ISSUE	DATE
3	Addendum 04.1	03/03/21

Issue Date:	FEBRUARY 1, 2021
PI:	DAVID COLLINS
PM:	JOHN THURMAN
PA:	LAUREN BUSH /
Drawn By:	CADD
Checked By:	EPV

Drawing Info:

E110.2

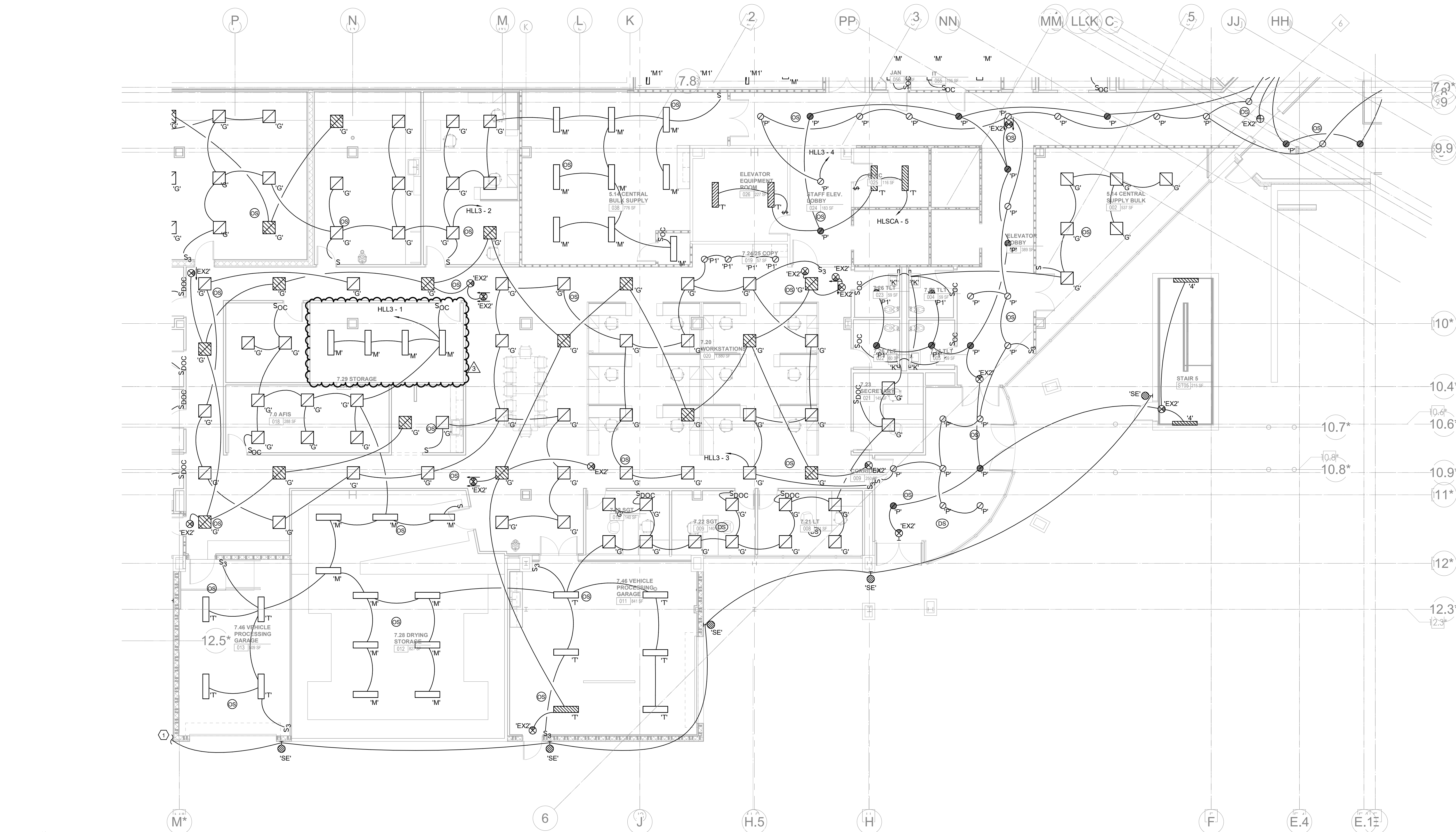
CA - LEVEL LL3 B
FLOOR PLAN -
LIGHTING

GENERAL NOTES:

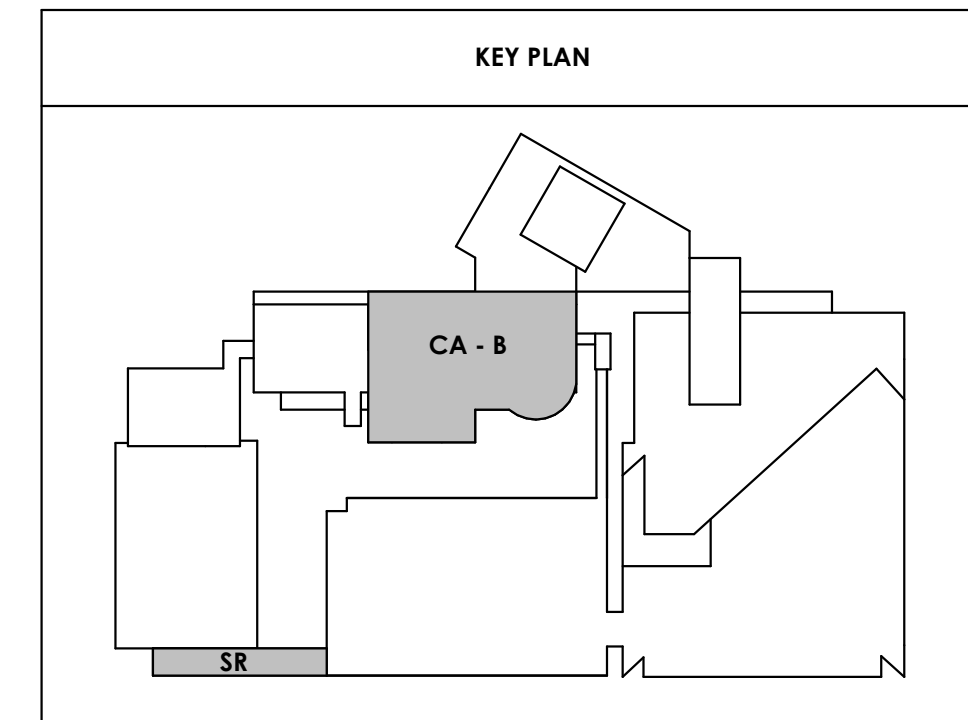
- A. PROVIDE LIGHTING CONTROLS TO MEET OR EXCEED IECC 2018 AND ALL OTHER APPLICABLE LOCAL, STATE, AND FEDERAL CODES FOR INTERIOR AND EXTERIOR LIGHTING. EXTERIOR LIGHTING SHALL HAVE A 30% SETBACK FROM MIDNIGHT TO 6AM AND DECORATIVE FACADE AND LANDSCAPE LIGHTING BE TURNED OFF FROM MIDNIGHT TO 6AM. FOR SMALL SPACES SUCH AS STORAGE ROOMS, PRIVATE RESTROOMS, AND OTHER SMALL SPACES PROVIDE WALL SWITCH OCCUPANCY SENSORS. FOR LARGER AREAS SUCH AS RESTROOM, STORAGE, CORRIDORS, PROVIDE CEILING MOUNTED OCCUPANCY SENSORS WITH POWER PACK AND LOW VOLTAGE MANUAL CONTROL STATION WHERE REQUIRED BY CODE. FOR SMALL PRIVATE OFFICE PROVIDE WALL SWITCH SENSOR THAT INCLUDES 0-10V DIMMING SET FOR AUTO ON TO 50%. FOR OPEN OFFICE AND OTHER SPACES LARGER THAN 600 SQ. FT. PROVIDE DIGITAL SYSTEM WITH DAYLIGHT SENSORS, OCCUPANCY SENSORS, DIMMING OVERRIDES, AND AMOUNT RELAYS AS NEEDED. IN OPEN OFFICE OCCUPANCY SENSORS ARE TO CONTROL EACH 600 SQ. FT. OF OPEN OFFICE INDIVIDUALLY. BASIS OF DESIGN FOR AREAS OVER 600 SQ. FT. SYSTEMS IS WATTSTOPPER DLM. IN CONFERENCE ROOMS PROVIDE DIGITAL SYSTEM WITH OCCUPANCY SENSORS, PRESET BUTTON STATION, AND AV INTEGRATION MODULE. IN COURTROOMS PROVIDE ZONE DIMMING DIGITAL SYSTEM WITH TIME CLOCK, TOUCHSCREEN STATION(S) FOR ZONE AND PRESET CONTROL, LOW VOLTAGE BUTTON STATIONS FOR PRESET MANUAL CONTROL, AV INTEGRATION VIA UDP DEVICE, AND WIFI BASED APP TO ALLOW CONTROL OF LIGHTING AND AV FROM IPAD. BASIS OF DESIGN FOR COURTROOMS SYSTEMS IS ETC ECHO.

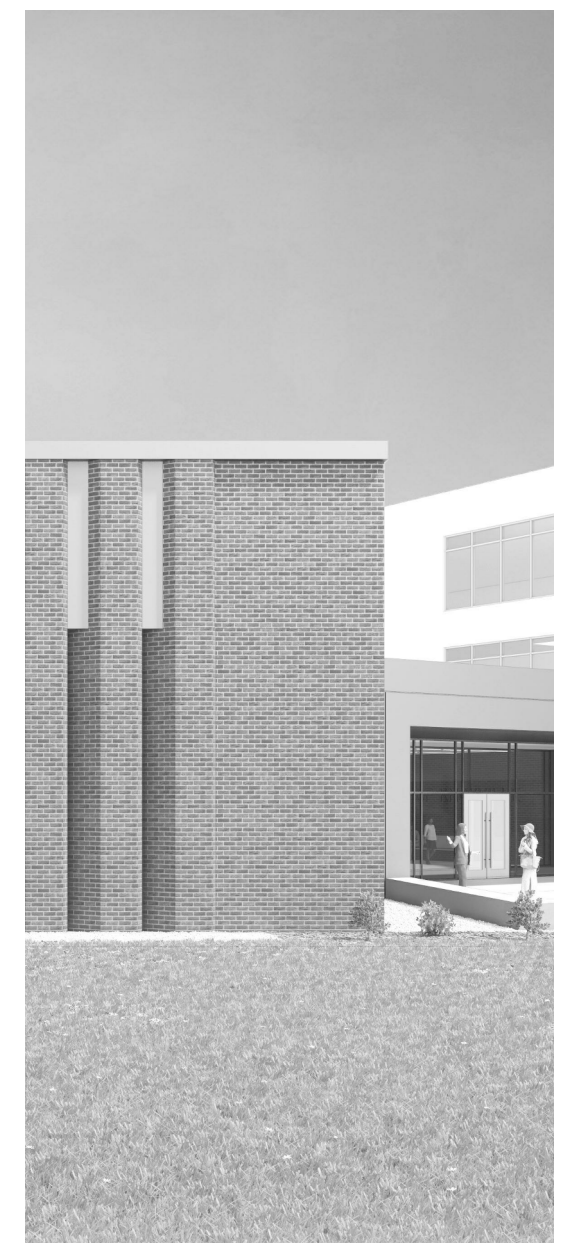
ELECTRICAL NOTES:

1. REFERENCE E110.1 FOR CONTINUATION OF CIRCUIT.



CENTRAL ANNEX - LEVEL LL3 B FLOOR PLAN - LIGHTING
E110.2
1/8" = 1'-0"





Project Information:

19018

COK SAFETY BUILDING

900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:



I.C. THOMASSON ASSOCIATES, INC.
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PHONE (865) 525-3488
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www.ictthomasson.com

#	ISSUE	DATE
1	Addendum 01.1	02/10/21
3	Addendum 04.1	03/03/21

Issue Date:	FEBRUARY 1, 2021
PK:	DAVID COLLINS
PM:	JOHN THURMAN
PA:	LAUREN BUSH /
Drawn By:	CADD
Checked By:	EPV

Drawing Info:

E111.1

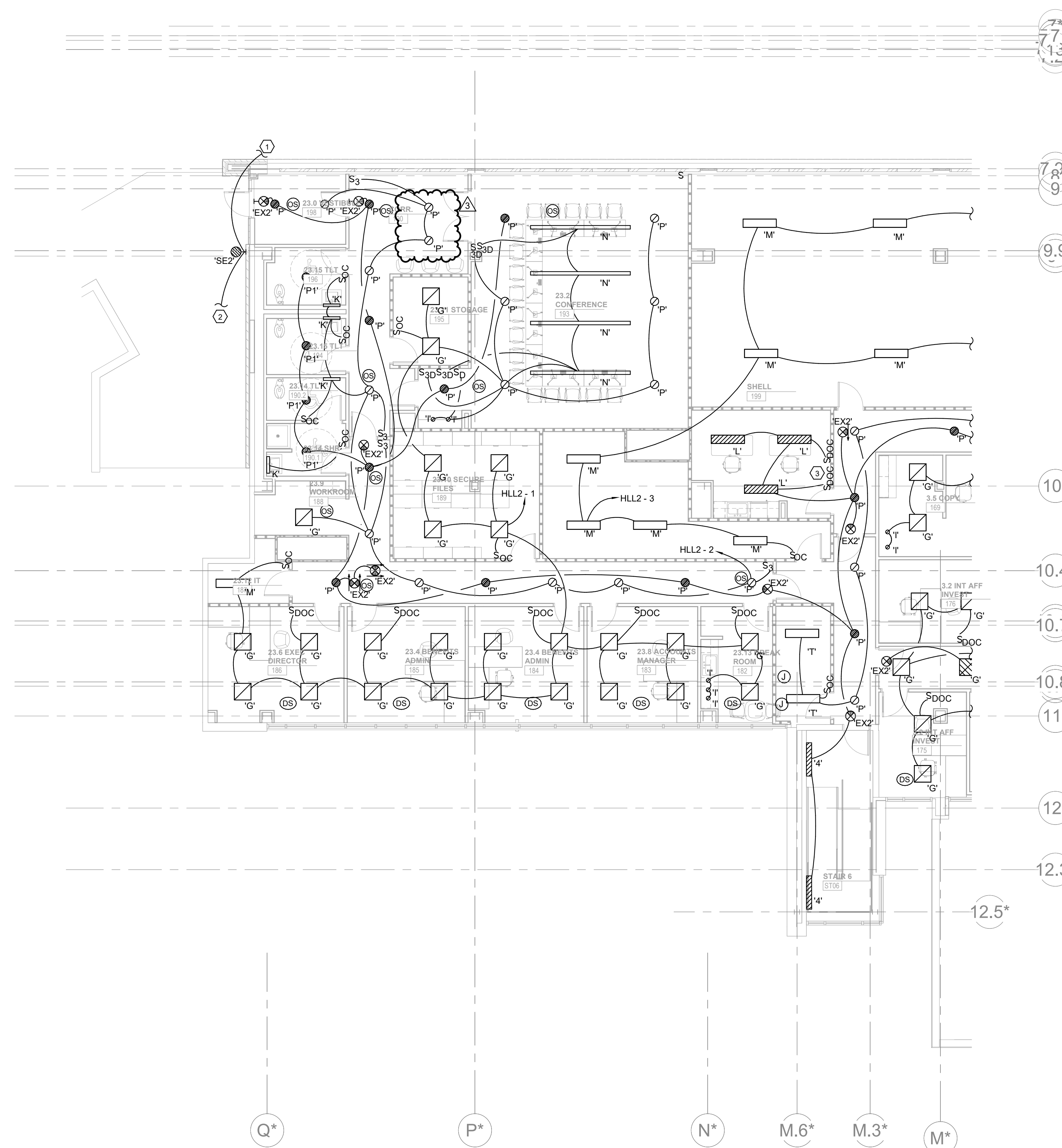
CA - LEVEL LL2 A
FLOOR PLAN -
LIGHTING

GENERAL NOTES:

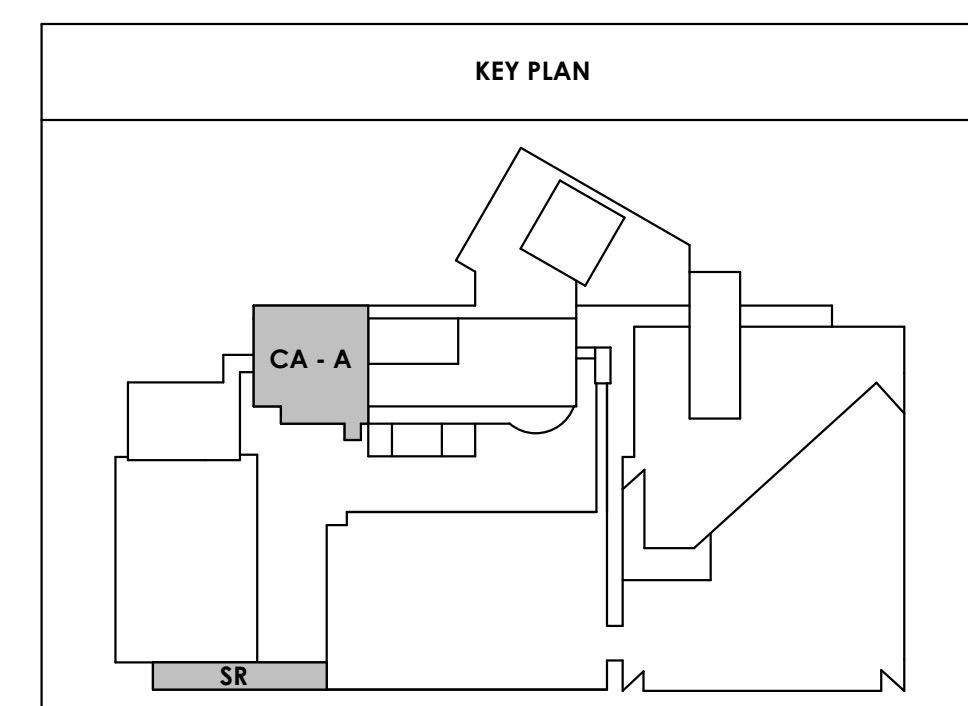
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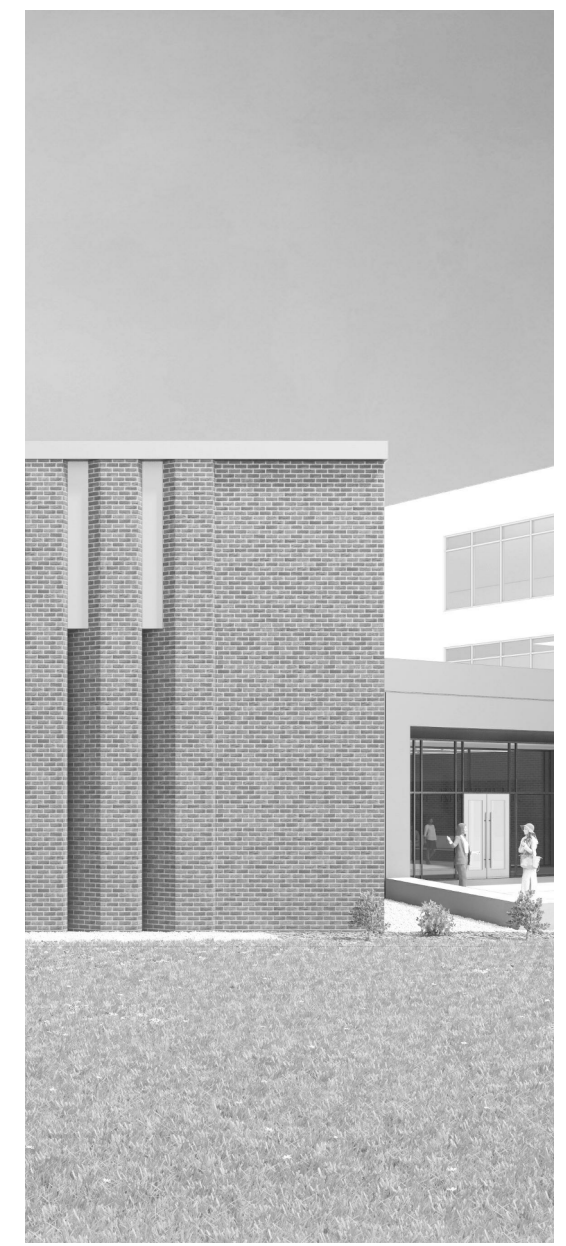
ELECTRICAL NOTES:

1. REFERENCE E111.3 FOR CONTINUATION OF CIRCUIT.
2. REFERENCE E110.1 FOR CONTINUATION OF CIRCUIT.
3. PROVIDE LV#EPIC-2-D EMERGENCY CONTROL UNIT TO TURN EMERGENCY LIGHTS TO FULL BRIGHT UPON POWER LOSS.



CENTRAL ANNEX - LEVEL LL2 A FLOOR PLAN - LIGHTING
1/8" = 1'-0"





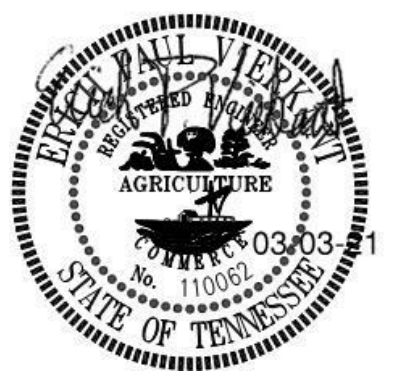
Project Information:

19018

COK SAFETY BUILDING

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Seal:



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#	ISSUE	DATE
3	Addendum 04.1	03/03/21

Issue Date: FEBRUARY 1, 2021
PIC: DAVID COLLINS
PM: JOHN THURMAN
PA: LAUREN BUSH /
Drawn By: CADD
Checked By: EPV

Drawing Info:

E111.3

CA - LEVEL LL2 C FLOOR PLAN - LIGHTING

GENERAL NOTES:

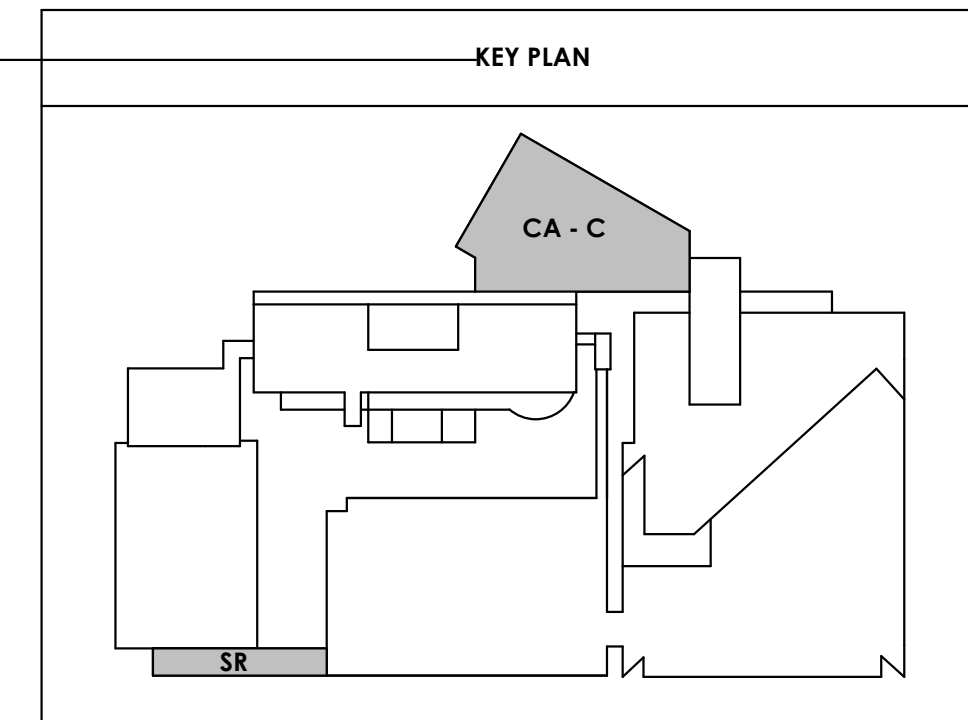
A. PROVIDE LIGHTING CONTROLS TO MEET OR EXCEED IECC 2018 AND ALL OTHER APPLICABLE LOCAL, STATE, AND FEDERAL CODES FOR INTERIOR AND EXTERIOR LIGHTING. EXTERIOR LIGHTING SHALL HAVE A 30% SETBACK FROM MIDNIGHT TO 6AM AND DECORATIVE FACADE AND LANDSCAPE LIGHTING BE TURNED OFF FROM MIDNIGHT TO 6AM. FOR SMALL SPACES SUCH AS STORAGE ROOMS, PRIVATE RESTROOMS, AND OTHER SMALL SPACES PROVIDE WALL SWITCH OCCUPANCY SENSORS. FOR LARGER AREAS SUCH AS RESTROOM, STORAGE, CORRIDORS, PROVIDE CEILING MOUNTED OCCUPANCY SENSORS WITH POWER PACK AND LOW VOLTAGE MANUAL CONTROL STATION WHERE REQUIRED BY CODE. FOR SMALL PRIVATE OFFICE PROVIDE WALL SWITCH SENSOR THAT INCLUDES 0-10V DIMMING SET FOR AUTO ON TO 50%. FOR OPEN OFFICE AND OTHER SPACES LARGER THAN 600 SQ. FT. PROVIDE DIGITAL SYSTEM WITH DAYLIGHT SENSORS, OCCUPANCY SENSORS, DIMMING OVERRIDES, AND AMOUNT RELAYS AS NEEDED. IN OPEN OFFICE OCCUPANCY SENSORS ARE TO CONTROL EACH 600 SQ. FT. OF OPEN OFFICE INDIVIDUALLY. BASIS OF DESIGN FOR AREAS OVER 600 SQ. FT. SYSTEMS IS WATTSTOPPER DLM. IN CONFERENCE ROOMS PROVIDE DIGITAL SYSTEM WITH OCCUPANCY SENSORS, PRESET BUTTON STATION, AND AV INTEGRATION MODULE. IN COURTROOMS PROVIDE ZONE DIMMING DIGITAL SYSTEM WITH TIME CLOCK, TOUCHSCREEN STATION(S), FOR ZONE AND PRESET CONTROL. LOW VOLTAGE BUTTON STATIONS FOR PRESET MANUAL CONTROL. AV INTEGRATION VIA UDP DEVICE, AND WIFI BASED APP TO ALLOW CONTROL OF LIGHTING AND AV FROM IPAD. BASIS OF DESIGN FOR COURTROOMS SYSTEMS IS ETC ECHO.

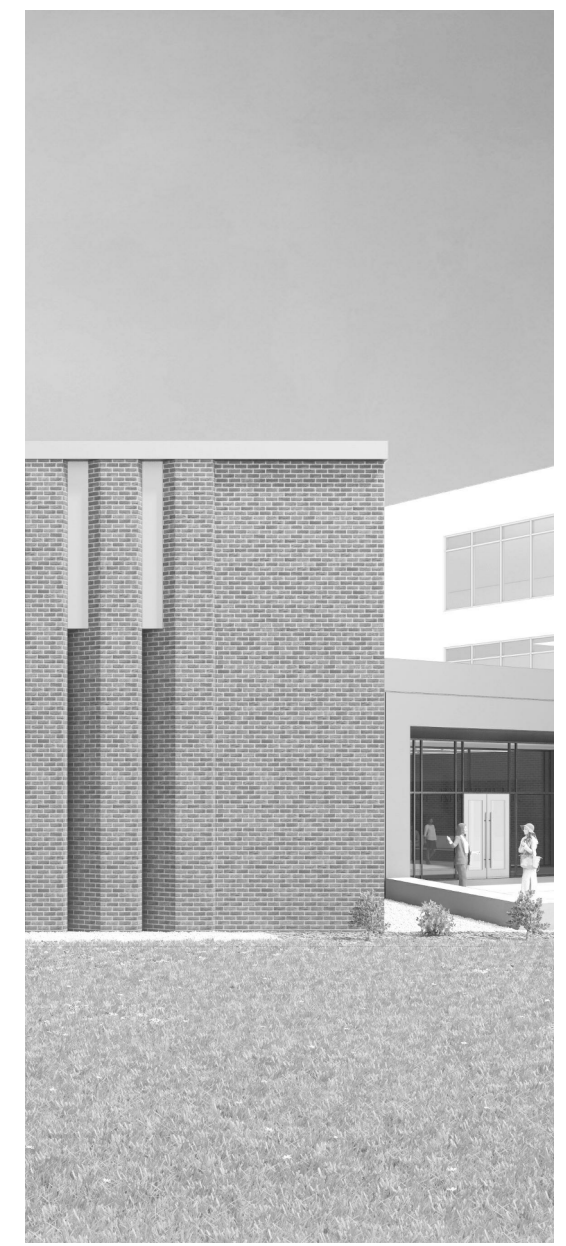
ELECTRICAL NOTES:

1. REFERENCE E111.1 FOR CONTINUATION OF CIRCUIT.
2. PROVIDE LVS #EPC-2-D EMERGENCY POWER CONTROL UNIT TO TURN EMERGENCY LIGHTS TO FULL BRIGHT UPON POWER LOSS.
3. GENERAL CONTRACTOR TO VERIFY ALL INTEGRATED SYSTEM COMPONENTS INCLUDING MECHANICAL DIFFUSERS, SPEAKERS, AND SENSORS ARE COMPATIBLE WITH THE TECHZONE LIGHTING CHANNELS BEING PROVIDED ON THE PROJECT PRIOR TO PURCHASE. SPECIFIED UNITS HAVE BEEN SELECTED TO INTEGRATE WITH BASIS OF DESIGN SYSTEM.



1 E111.3 CENTRAL ANNEX - LEVEL LL2 C FLOOR PLAN - LIGHTING
1/8" = 1'-0"





Project Information:

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#	ISSUE	DATE
1	Addendum #02.1	02/17/21
3	Addendum #04.1	03/03/21

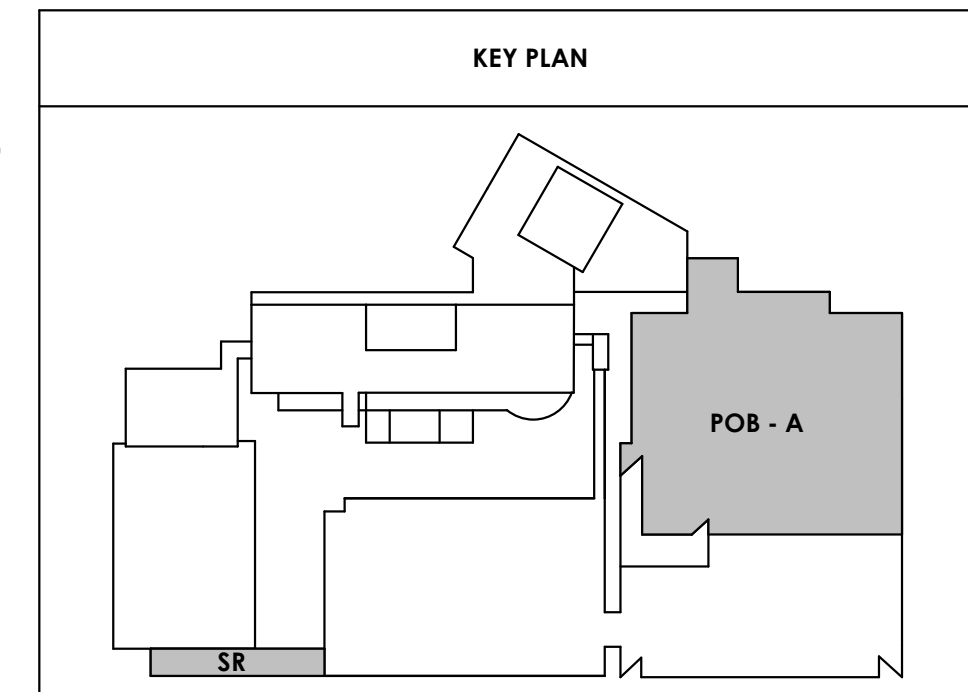
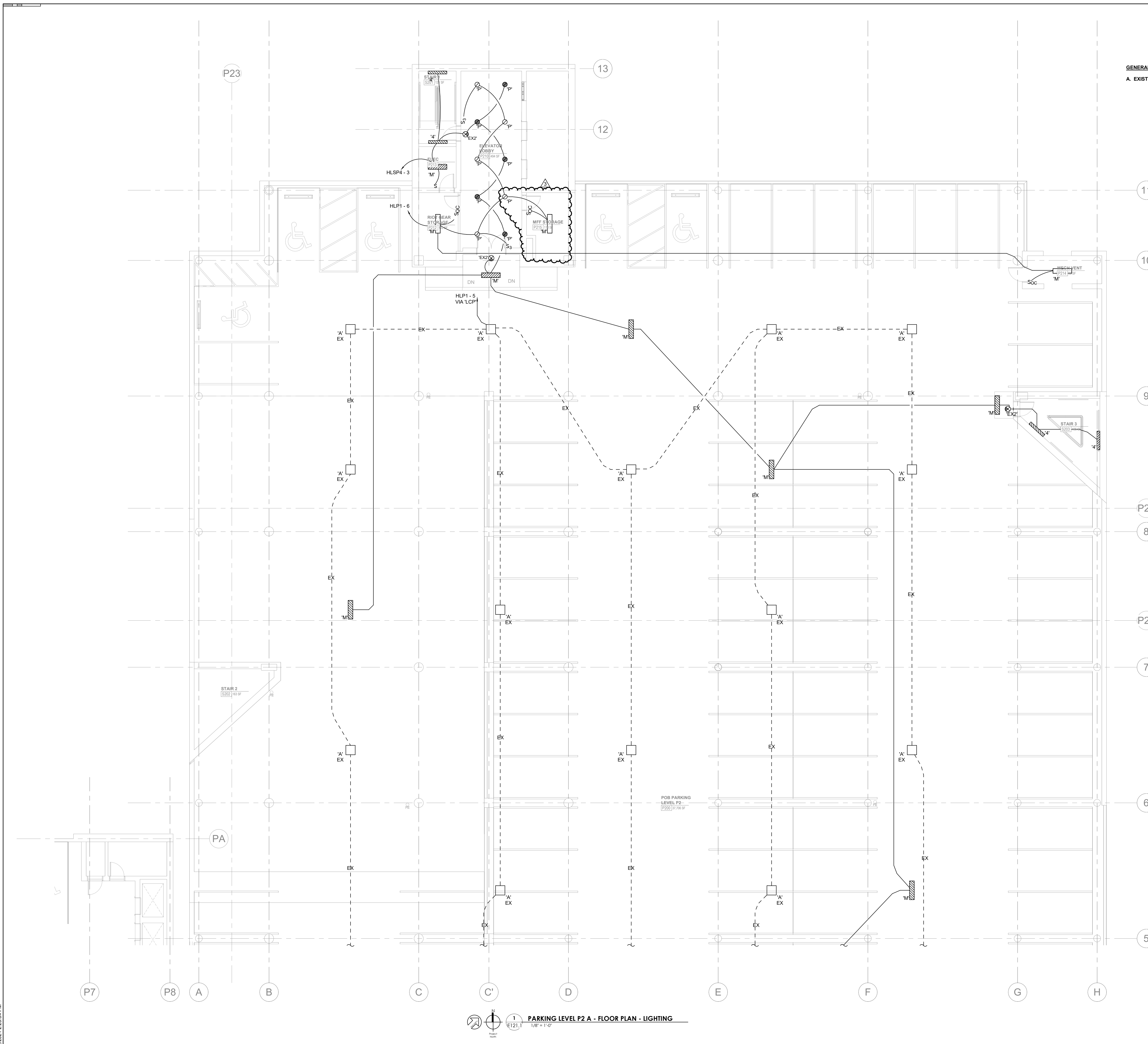
Issue Date:	FEBRUARY 1, 2021
PI:	DAVID COLLINS
PM:	JOHN THURMAN
PA:	LAUREN BUSH /
Drawn By:	CADD
Checked By:	EPV

Drawing Info:

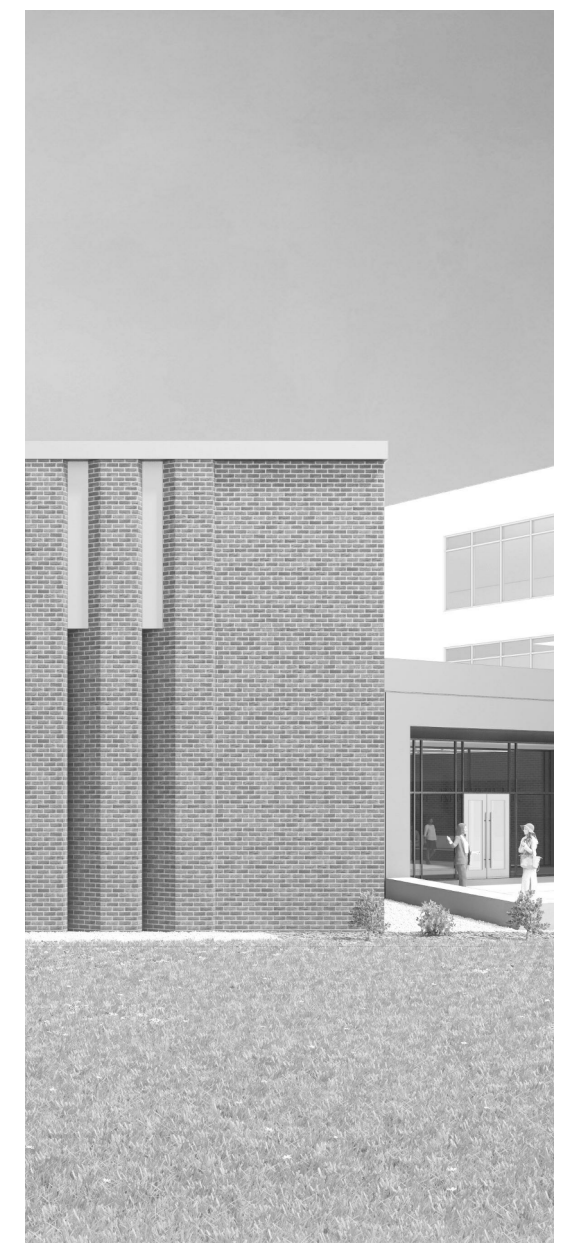
E121.1

PARKING LEVEL P2 A - LIGHTING

GENERAL NOTES:
A. EXISTING PARKING GARAGE LIGHTING SHALL BE REMOVED.



PARKING LEVEL P2 A - FLOOR PLAN - LIGHTING
1/8" = 1'-0"
E121.1



Project Information:

19018

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#	ISSUE	DATE
2	Addendum 02.1	02/17/21
3	Addendum 04.1	03/03/21

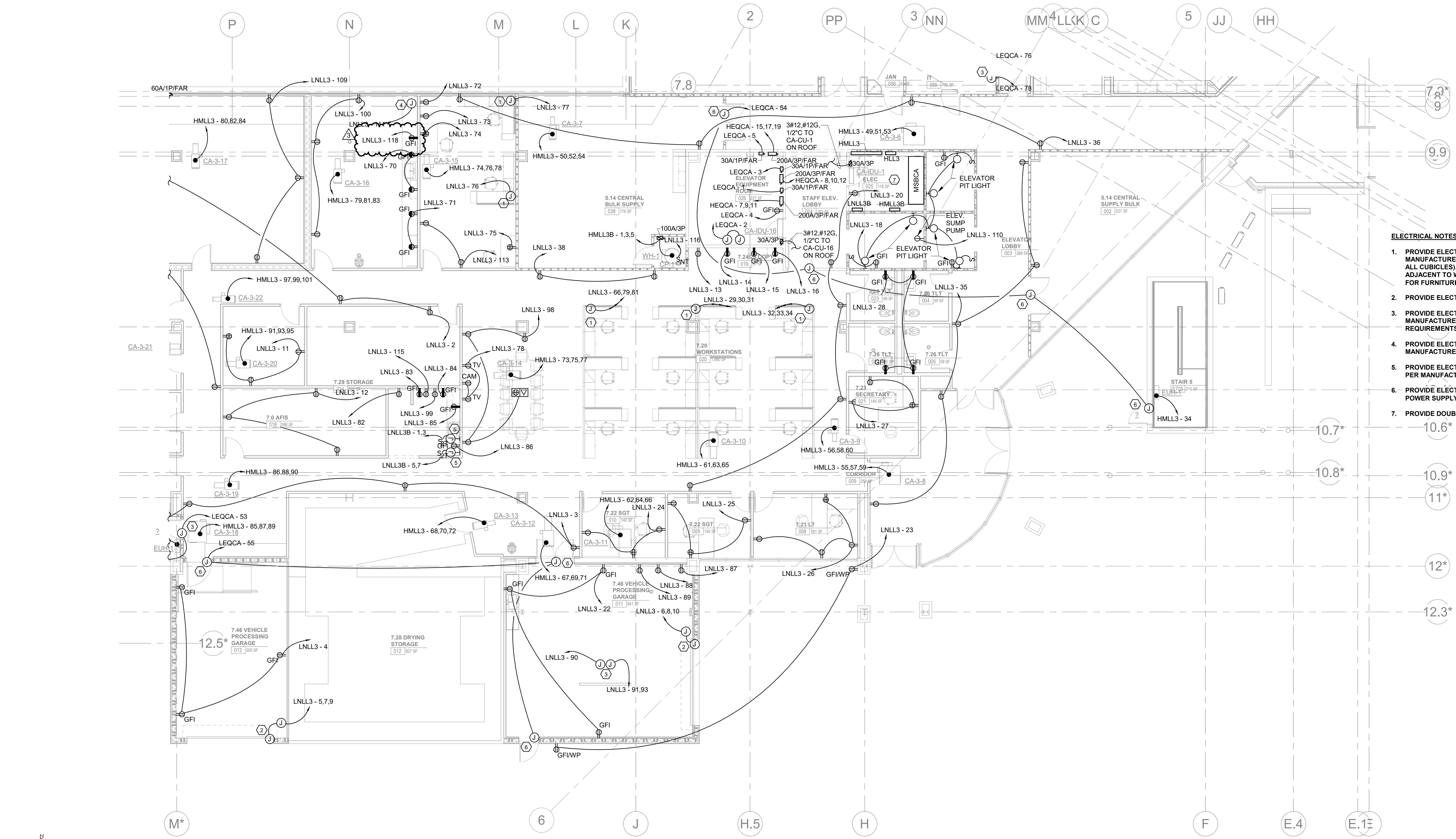
Issue Date:	FEBRUARY 1, 2021
PIC:	DAVID COLLINS
PM:	JOHN THURMAN
PA:	LAUREN BUSH /
Drawn By:	CADD
Checked By:	EPV

Drawing Info:

E210.2

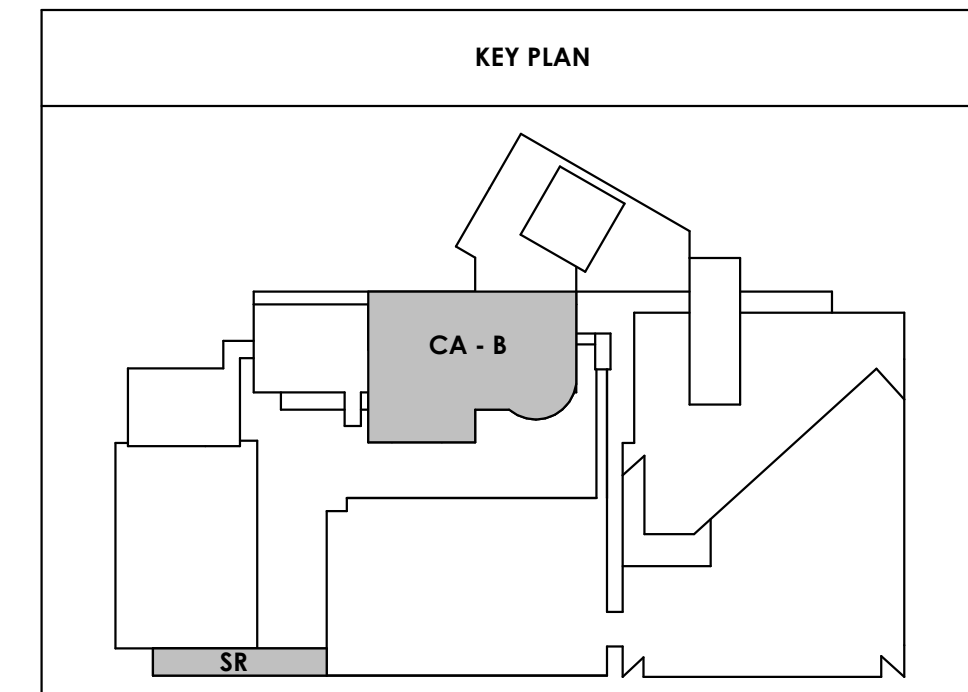
CA - LEVEL LL3 B
FLOOR PLAN - POWER

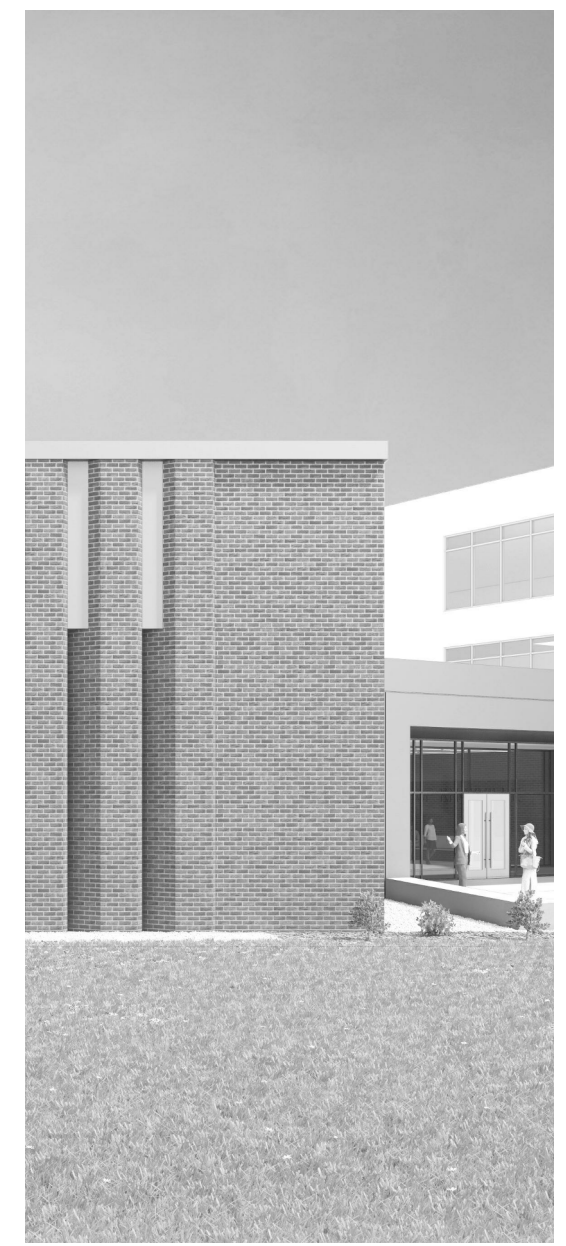
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- ELECTRICAL NOTES:**
1. PROVIDE ELECTRICAL CONNECTION TO FURNITURE PER MANUFACTURER'S RECOMMENDATIONS. (TYPICAL OF ALL CUBICLES). FEED FROM WALL WHERE FURNITURE IS ADJACENT TO WALL. PROVIDE FLOORBOX OR POKE THRU FOR FURNITURE NOT ADJACENT TO A WALL.
 2. PROVIDE ELECTRICAL CONNECTION TO OVERHEAD DOORS.
 3. PROVIDE ELECTRICAL CONNECTION TO VEHICLE LIFT PER MANUFACTURER'S RECOMMENDATIONS. COORDINATE ALL REQUIREMENTS WITH EQUIPMENT PRIOR TO ROUGH-IN.
 4. PROVIDE ELECTRICAL CONNECTION TO FUME HOOD PER MANUFACTURER'S RECOMMENDATIONS.
 5. PROVIDE ELECTRICAL CONNECTION TO COFFEE MAKER PER MANUFACTURER'S RECOMMENDATIONS.
 6. PROVIDE ELECTRICAL CONNECTION TO DOOR HARDWARE POWER SUPPLY.
 7. PROVIDE DOUBLE WORKING CLEARANCE PER NEC 110.26.

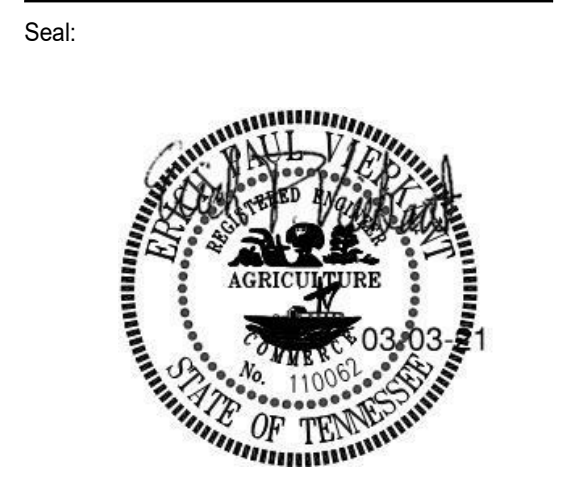
CENTRAL ANNEX - LEVEL LL3 B FLOOR PLAN - POWER
E210.2
1/8" = 1'-0"





Project Information:
19018

COK SAFETY BUILDING
900 East Oak Hill Ave, Knoxville, TN



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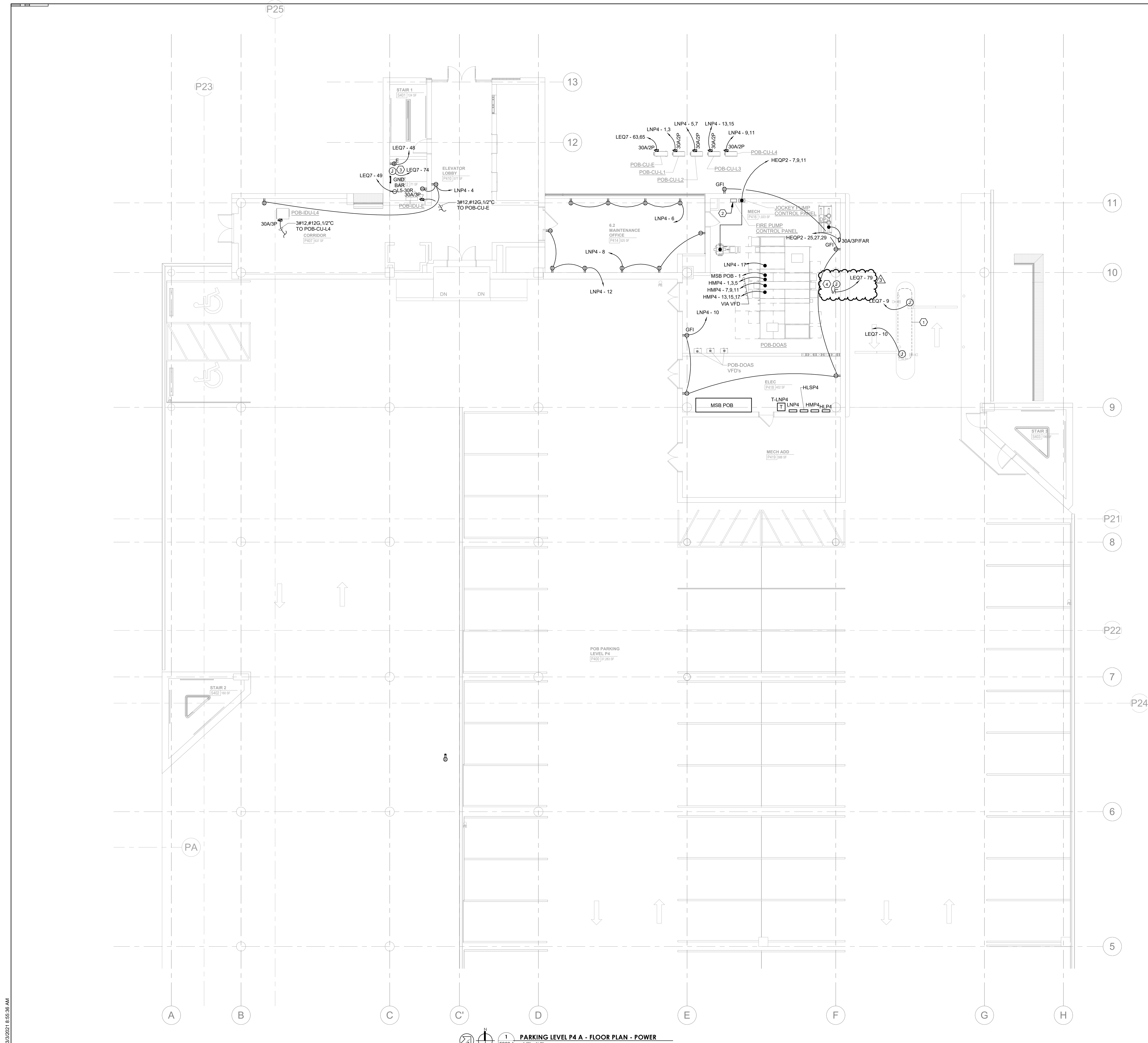
#	ISSUE	DATE
3	Addendum #04.1	03/03/21

Issue Date: FEBRUARY 1, 2021
PIC: DAVID COLLINS
PM: JOHN THURMAN
PA: LAUREN BUSH /
Drawn By: CADD
Checked By: EPV

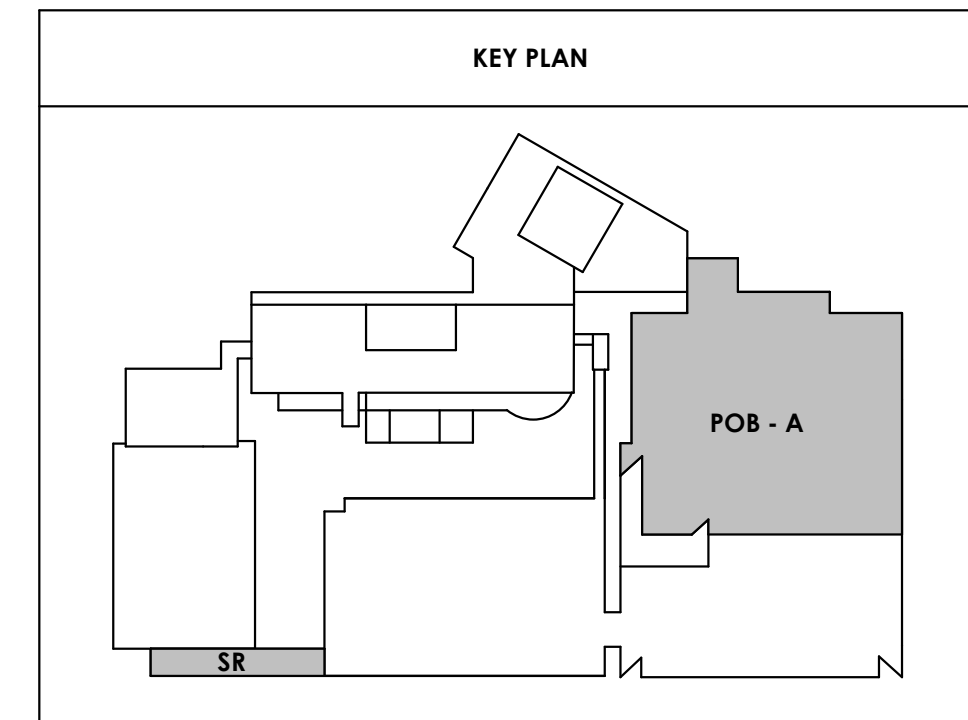
Drawing Info:

E223.1

PARKING LEVEL P4 A - POWER



- ELECTRICAL NOTES:**
1. PROVIDE ELECTRICAL INFRASTRUCTURE TO SECURITY GATES AND ACCESS CONTROLS PER VENDOR REQUIREMENTS.
 2. SEE ELECTRICAL RISER DIAGRAM ON SHEET E420 FOR FIRE PUMP CONNECTIONS.
 3. PROVIDE ELECTRICAL CONNECTION TO ACCESS CONTROL PANEL PER MANUFACTURER'S RECOMMENDATIONS.
 4. PROVIDE ELECTRICAL CONNECTION TO AIR COMPRESSOR PER MANUFACTURER'S RECOMMENDATIONS.



3/3/2021 6:55:36 AM



Project Information:

19018

COK SAFETY BUILDING

900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:



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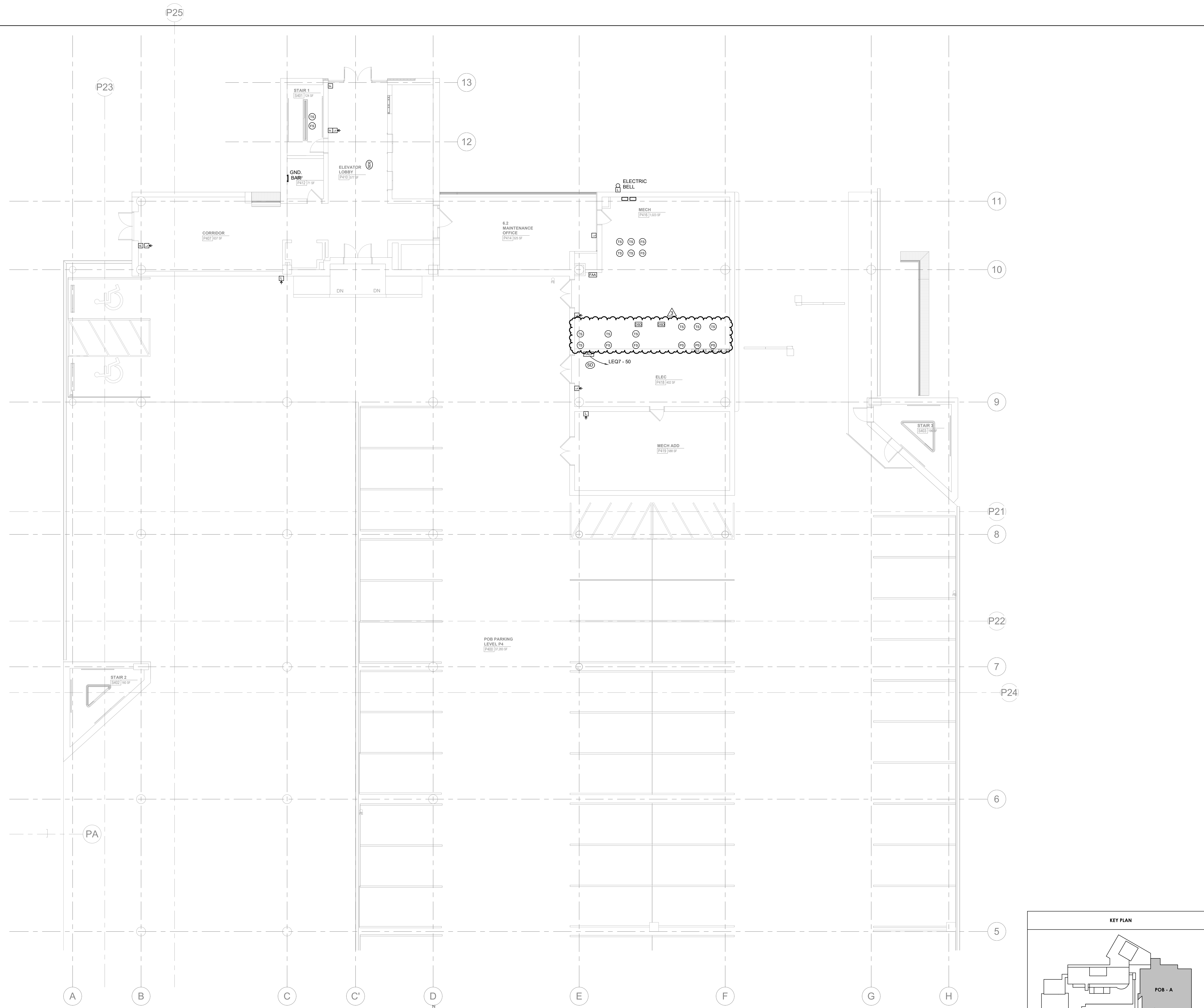
#	ISSUE	DATE
3	Addendum #04.1	03/03/21

Issue Date:	FEBRUARY 1, 2021
PIC:	DAVID COLLINS
PM:	JOHN THURMAN
PA:	LAUREN BUSH /
Drawn By:	CADD
Checked By:	EPV

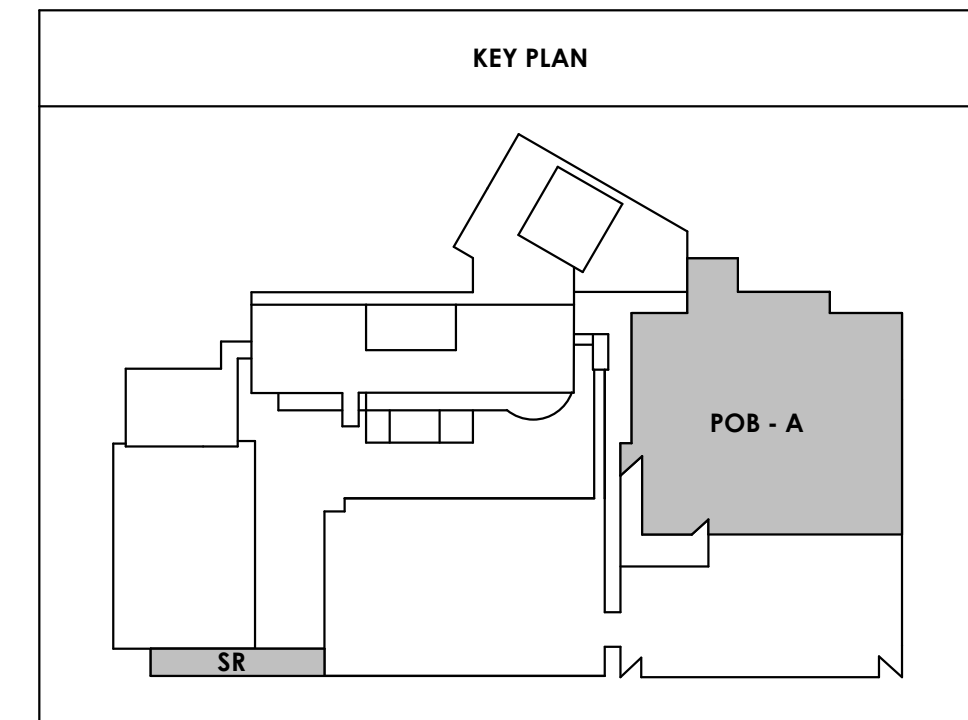
Drawing Info:

E323.1

PARKING LEVEL P4 A - SYSTEMS



1 E323.1
PARKING LEVEL P4 A - FLOOR PLAN - SYSTEMS
1/8" = 1'-0"





Project Information:

19018

COK SAFETY BUILDING

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Seal:



Consultant:



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#	ISSUE	DATE
3	Addendum #04.1	03/03/21

Issue Date:	FEBRUARY 1, 2021
PIC:	DAVID COLLINS
PM:	JOHN THURMAN
PA:	LAUREN BUSH /
Drawn By:	CADD
Checked By:	EPV

Drawing Info:

E325

OFFICE LEVEL 6
FLOOR PLAN -
SYSTEMS



POB Office Level 6 - Floor Plan
1/8" = 1'-0"



Project Information:

19018

COK SAFETY BUILDING

900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:



Table with 3 columns: #, ISSUE, DATE. Rows include Addendum 02.1 (02/17/21) and Addendum 04.1 (03/03/21).

Issue Date: FEBRUARY 1, 2021
PIC: DAVID COLLINS
PM: JOHN THURMAN
PA: LAUREN BUSH /
Drawn By: CADDO
Checked By: EPV

Drawing Info:

E401

CA - ELECTRICAL SCHEDULES

Branch Panel: HLL3

Location: ELEC 025
Supply From: MSBCA
Mounting: Surface
Enclosure: Type 1
Volts: 480/277 Wye
Phases: 3
Wires: 4
A.I.C. Rating: 30,000 A
Mains Type: MLO
Mains Rating: 100 A

Notes:

Table with 11 columns: CKT, Circuit Description, Demand Code, TRIP, P, A, B, C, P, TRIP, Demand Code, Circuit Description, CKT. Lists various lighting and spare circuits with their respective ratings and descriptions.

Legend:

Table with 5 columns: Load Classification, Connected Load, Demand Factor, Estimated Demand, Panel Totals. Shows Lighting load of 16298 VA and 16298 VA estimated demand.

Notes:

Branch Panel: LNLL3

Location: MECH 058
Supply From: 112.5 kVA, 277 V/480 V, Three...
Mounting: Surface
Enclosure: Type 1
Volts: 120/208 Wye
Phases: 3
Wires: 4
A.I.C. Rating: 10,000 A
Mains Type: MCB
Mains Rating: 400 A
MCB Rating: 400 A

Notes:

Table with 11 columns: CKT, Circuit Description, Demand Code, TRIP, P, A, B, C, P, TRIP, Demand Code, Circuit Description, CKT. Lists various receptacle, equipment, and power circuits for mechanical areas.

Legend:

Table with 5 columns: Load Classification, Connected Load, Demand Factor, Estimated Demand, Panel Totals. Shows Lighting (270 VA), Motor (10362 VA), Power (0 VA), Equipment (37776 VA), and Receptacle (34200 VA) loads.

Notes:

Switchboard: MSBCA

Location: ELEC 025
Supply From: MSBCA
Mounting: Surface
Enclosure: Type 1
Volts: 480/277 Wye
Phases: 3
Wires: 4
A.I.C. Rating: 42,000 A
Mains Type: MCB
Mains Rating: 3000 A
MCB Rating: 3000 A

Notes:

Table with 5 columns: CKT, Circuit Description, # of Poles, Trip Rating, Load, Remarks. Lists various lighting, heating, and power circuits connected to the switchboard.

Legend:

Table with 5 columns: Load Classification, Connected Load, Demand Factor, Estimated Demand, Panel Totals. Shows Heating (130636 VA), Lighting (65416 VA), Motor (964574 VA), Power (34000 VA), and Receptacle (143460 VA) loads.

Notes:

- (1) Provide service entrance rated switchboard with main breaker with ground fault protection.
(2) Provide 100% rated main breaker.
(3) Provide Shunt Trip on main breaker.

Branch Panel: HLSCA

Location: ELEC 238
Supply From: ATIS LSCA
Mounting: Surface
Enclosure: Type 1
Volts: 480/277 Wye
Phases: 3
Wires: 4
A.I.C. Rating: 30,000 A
Mains Type: MLO
Mains Rating: 100 A

Notes:

Table with 11 columns: CKT, Circuit Description, Demand Code, TRIP, P, A, B, C, P, TRIP, Demand Code, Circuit Description, CKT. Lists various lighting and spare circuits for the HLSCA panel.

Legend:

Table with 5 columns: Load Classification, Connected Load, Demand Factor, Estimated Demand, Panel Totals. Shows Lighting load of 15130 VA and 15130 VA estimated demand.

Notes:



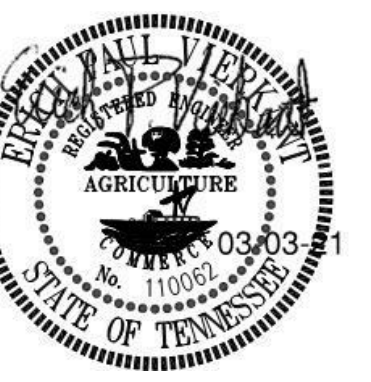
Project Information:

19018

COK SAFETY BUILDING

900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:



#	ISSUE	DATE
1	Issue	02/24/21
2	Addendum #03.1	03/03/21
3	Addendum #04.1	03/03/21

Issue Date: FEBRUARY 1, 2021
PIC: DAVID COLLINS
PM: JOHN THURMAN
PA: LAUREN BUSH /
Drawn By: CAD
Checked By: EPV
Drawing Info:

E420

ELECTRICAL RISER DIAGRAM - POB

CONDUIT AND WIRE DESIGNATION SCHEDULE

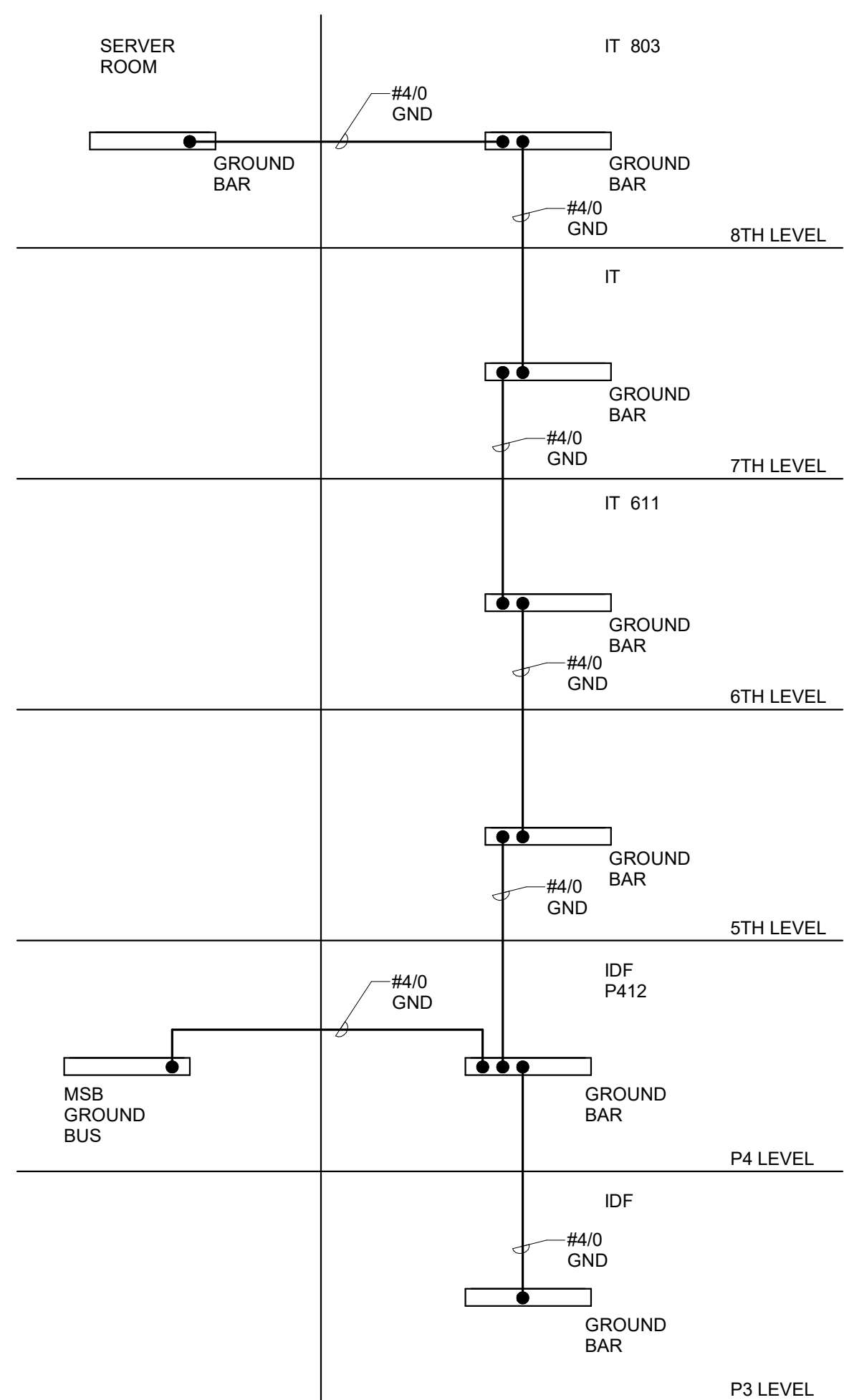
COPPER				ALUMINUM ALLOY				
WIRE/BKR	DESIG	DESCRIPTION	WIRE/BKR	DESIG	DESCRIPTION	WIRE/BKR	DESIG	DESCRIPTION
MAX AMPS	#		MAX AMPS	#		MAX AMPS	#	
20	1	2#12, 1/2"C	200	32	2#30, 1#6G, 2"C	205	32	2#250MCM, 1#2G, 2-1/2"C
20	2	2#12, 1#12G, 1/2"C	200	33	3#30, 1#6G, 2"C	205	33	3#250MCM, 1#2G, 2-1/2"C
20	3	3#12, 1#12G, 1/2"C	200	34	4#30, 1#6G, 2"C	205	34	4#250MCM, 1#1G, 2-1/2"C
20	4	4#12, 1#12G, 1/2"C	230	35	2#40, 1#4G, 2"C	230	35	2#300MCM, 1#2G, 2-1/2"C
30	5	2#10, 1#10G, 3/4"C	230	36	3#40, 1#4G, 2"C	230	36	3#300MCM, 1#2G, 2-1/2"C
30	6	3#10, 1#10G, 3/4"C	230	37	4#40, 1#4G, 2-1/2"C	230	37	4#300MCM, 1#2G, 3"C
30	7	4#10, 1#10G, 3/4"C	255	38	3#250MCM, 1#4G, 2-1/2"C	250	38	3#350MCM, 1#2G, 2-1/2"C
40	8	2#8, 1#10G, 3/4"C	255	39	4#250MCM, 1#4G, 2-1/2"C	250	39	4#350MCM, 1#2G, 3"C
40	9	3#8, 1#10G, 3/4"C	285	40	3#300MCM, 1#4G, 2-1/2"C	270	40	3#400MCM, 1#1G, 3"C
40	10	4#8, 1#10G, 3/4"C	285	41	4#300MCM, 1#4G, 3"C	270	41	4#400MCM, 1#1G, 3"C
55	11	2#6, 1#10G, 3/4"C	310	42	3#350MCM, 1#3G, 3-1/2"C	310	42	3#500MCM, 1#1G, 3"C
55	12	3#6, 1#10G, 3/4"C	310	43	4#350MCM, 1#3G, 3-1/2"C	310	43	4#500MCM, 1#1G, 3-1/2"C
55	13	4#6, 1#10G, 1"C	380	44	3#500MCM, 1#3G, 3"C	385	44	3#750MCM, 1#1G, 3-1/2"C
70	14	2#4, 1#8G, 1"C	380	45	4#500MCM, 1#3G, 3-1/2"C	385	45	4#750MCM, 1#1G, 3-1/2"C
70	15	3#4, 1#8G, 1"C	460	46	2 SETS, EA: 4#400MCM, 1#10G, 3"C	460	46	2 SETS, EA: 4#300MCM, 1#10G, 3"C
70	16	4#4, 1#8G, 1-1/4"C	510	47	2 SETS, EA: 4#250MCM, 1#10G, 2-1/2"C	540	47	2 SETS, EA: 4#400MCM, 1#20G, 3"C
85	17	2#3, 1#8G, 1-1/4"C	620	48	2 SETS, EA: 4#350MCM, 1#10G, 3"C	620	48	2 SETS, EA: 4#500MCM, 1#30G, 3-1/2"C
85	18	3#3, 1#8G, 1-1/4"C	760	49	2 SETS, EA: 4#500MCM, 1#10G, 3-1/2"C	770	49	2 SETS, EA: 4#750MCM, 1#30G, 4"C
85	19	4#3, 1#8G, 1-1/4"C	855	50	3 SETS, EA: 4#300MCM, 1#20G, 3"C	930	50	3 SETS, EA: 4#500MCM, 1#40G, 4"C
95	20	2#2, 1#8G, 1-1/4"C	930	51	3 SETS, EA: 4#350MCM, 1#20G, 3"C	930	51	3 SETS, EA: 4#500MCM, 1#40G, 3-1/2"C
95	21	3#2, 1#8G, 1-1/4"C	1005	52	3 SETS, EA: 4#400MCM, 1#30G, 3"C	1000	52	4 SETS, EA: 4#350MCM, 1#40G, 3"C
95	22	4#2, 1#8G, 1-1/4"C	1140	53	3 SETS, EA: 4#500MCM, 1#30G, 3-1/2"C	1240	53	4 SETS, EA: 4#500MCM, 1#250MCMG, 3-1/2"C
130	23	2#1, 1#6G, 1-1/4"C	1240	54	4 SETS, EA: 4#350MCM, 1#40G, 3"C	1240	54	4 SETS, EA: 4#500MCM, 1#250MCMG, 3-1/2"C
130	24	3#1, 1#6G, 1-1/4"C	1675	55	5 SETS, EA: 4#400MCM, 1#250MCMG, 3-1/2"C	1700	55	5 SETS, EA: 4#600MCM, 1#400MCMG, 3-1/2"C
130	25	4#1, 1#6G, 1-1/2"C	1900	56	5 SETS, EA: 4#500MCM, 1#250MCMG, 3-1/2"C	1860	56	6 SETS, EA: 4#500MCM, 1#400MCMG, 3-1/2"C
150	26	2#1/0, 1#6G, 1-1/2"C	2010	57	6 SETS, EA: 4#400MCM, 1#350MCMG, 3-1/2"C	2040	57	6 SETS, EA: 4#600MCM, 1#600MCMG, 3-1/2"C
150	27	3#1/0, 1#6G, 1-1/2"C	2280	58	6 SETS, EA: 4#500MCM, 1#350MCMG, 3-1/2"C	2310	58	6 SETS, EA: 4#750MCM, 1#600MCMG, 4"C
150	28	4#1/0, 1#6G, 2"C	2660	59	7 SETS, EA: 4#600MCM, 1#400MCMG, 3-1/2"C	2695	59	7 SETS, EA: 4#750MCM, 1#600MCMG, 4"C
175	29	2#2/0, 1#6G, 1-1/2"C	3040	60	8 SETS, EA: 4#650MCM, 1#500MCMG, 3-1/2"C	3080	60	8 SETS, EA: 4#750MCM, 1#750MCMG, 4"C
175	30	3#2/0, 1#6G, 1-1/2"C	4180	61	11 SETS, EA: 4#500MCM, 1#600MCMG, 3-1/2"C	4235	61	11 SETS, EA: 4#750MCM, 1#750MCMG, 4"C
175	31	4#2/0, 1#6G, 2"C						

CONDUIT SIZE BASED ON THHN/THWN 40% FILL CALCULATION
WIRE SIZE BASED ON NEC 110-14C WITH 60°C AMPACITY TABLES FOR 20A THRU 100 AMPS
AND 75°C AMPACITY TABLES FOR VALUES > 100 AMPS.

CONDUIT SIZE BASED ON 40% FILL CALCULATION FOR TYPE
XHHW INSULATION

NOTE:
IN GENERAL, THE ACTUAL BREAKER AMPERAGE SHALL BE EQUAL TO OR NEXT STANDARD SIZE SMALLER THAN THE MAXIMUM WIRE AMPS. EXCEPTIONS SHALL BE MOTOR AND SPECIAL EQUIPMENT BREAKERS WHICH SHALL BE SIZED PER N.E.C. AND VENDOR REQUIREMENTS. OMIT GROUND CONDUCTORS ON SERVICE ENTRANCE FEEDERS (TYPICAL). USE #12 WIRE U.O.N. PRIOR TO ROUGH-IN, CONTRACTOR SHALL COORDINATE BREAKER AND WIRING WITH ACTUAL REQUIREMENTS OF EQUIPMENT BEING FURNISHED FOR THIS SPECIFIC PROJECT.

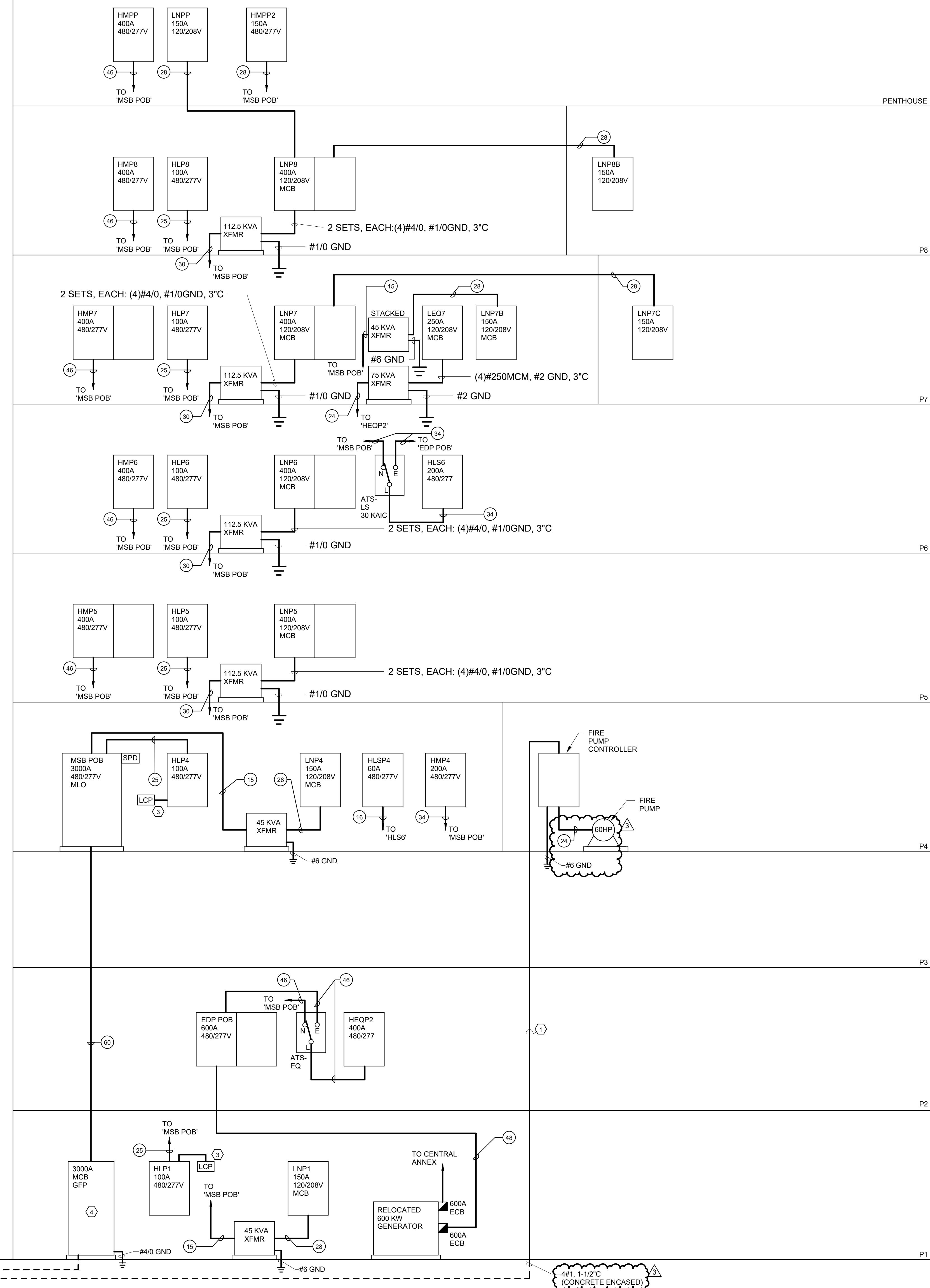
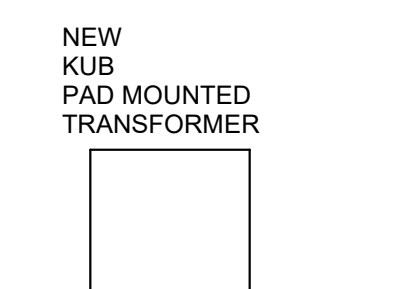
UNLESS NOTED OTHERWISE ALL 20A, 1P, BREAKERS TO UTILIZE #12 CONDUCTORS. EXCEPT WHERE BRANCH CIRCUIT IS IN EXCESS OF 90 LINEAR FEET CONDUCTORS TO BE #10 AND OVER 175 FEET LINEAR FEET CONDUCTORS TO BE #8.



GROUNDING RISER DIAGRAM
N.T.S.

ELECTRICAL RISER NOTES:

- WHERE SERVICE FEEDER IS ROUTED THROUGH THE BUILDING OR PARKING GARAGE, DUCTBANK SHALL BE CONCRETE ENCASED NOT LESS THAN 2" THICK TO COMPLY WITH NEC 230.6 (2).
- PROVIDE METERING PER ALL KUB REQUIREMENTS.
- PROVIDE 12 POLE ELECTRICALLY HELD LIGHTING CONTACTOR. REFERENCE EXTERIOR LIGHTING CONTROL DETAIL.
- PROVIDE MAIN BREAKER SERVICE ENTRANCE RATED WITH GROUND FAULT PROTECTION AND SHUNT TRIP.



ELECTRICAL RISER DIAGRAM - POB BUILDING
N.T.S.



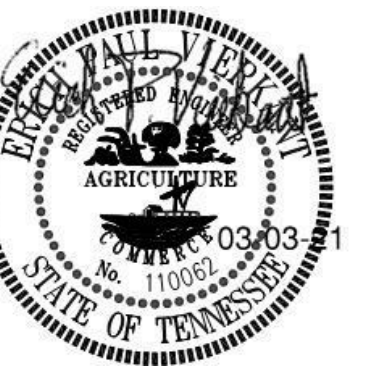
Project Information:

19018

**COK SAFETY
BUILDING**

900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:



#	ISSUE	DATE
3	Addendum #04.1	03/03/21

Issue Date: FEBRUARY 1, 2021
PIC: DAVID COLLINS
PM: JOHN THURMAN
PA: LAUREN BUSH /
Drawn By: CAD
Checked By: EPV

Drawing Info:

E426

ELECTRICAL - PANEL
SCHEDULES

Branch Panel: HLS6

Location: Space 904
Supply From: ATS-LS
Mounting: Surface
Enclosure: Type 1

Volts: 480/277 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 30,000
Mains Type: MLO
Mains Rating: 200 A

Notes:

CKT	Circuit Description	Demand Code	TRIP	P	A	B	C	P	TRIP	Demand Code	Circuit Description	CKT	
1	HLSP4	Lighting	60 A	3	1871	1380				1	20 A	Lighting	2
3	--	--	--	--		2084	360			1	20 A	Lighting	4
5	--	--	--	--			2382	1331		1	20 A	Lighting	6
7	Lighting	Lighting	20 A	1	2809	0				1	20 A	Spare	8
9	Lighting	Lighting	20 A	1		1715	0			1	20 A	Spare	10
11	Lighting	Lighting	20 A	1			566	0		1	20 A	Spare	12
13	Lighting	Lighting	20 A	1	498								14
15													16
17													18
19													20
21													22
23													24
25													26
27													28
29													30
31													32
33													34
35													36
37													38
39													40
41													42
					Total Load:	6540 VA	4158 VA	4279 VA					
					Total Amps:	24 A	15 A	16 A					

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Lighting	14983 VA	100.00%	14983 VA	Total Conn. Load: 14983 VA
				Total Est. Demand: 14983 VA
				Total Conn. Current: 18 A
				Total Est. Demand Current: 18 A

Notes:

Branch Panel: HLP1

Location: ELEC P113
Supply From: MSB POB
Mounting: Surface
Enclosure: Type 1

Volts: 480/277 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 42,000
Mains Type: MLO
Mains Rating: 100 A

Notes:

CKT	Circuit Description	Demand Code	TRIP	P	A	B	C	P	TRIP	Demand Code	Circuit Description	CKT	
1	Lighting	Lighting	20 A	1	730	1330				1	20 A	Lighting	2
3	Lighting	Lighting	20 A	1		1190	1190			1	20 A	Lighting	4
5	Lighting	Lighting	20 A	1			1540	310		1	20 A	Lighting	6
7	Lighting	Lighting	20 A	1	1190	1190				1	20 A	Lighting	8
9	Spare	--	20 A	1						1	20 A	Spare	10
11	Spare	--	20 A	1		0	0			1	20 A	Spare	12
13	Spare	--	20 A	1	0	0				1	20 A	Spare	14
15	Spare	--	20 A	1		0	0			1	20 A	Spare	16
17	Spare	--	20 A	1			0	0		1	20 A	Spare	18
19													20
21													22
23													24
25													26
27													28
29													30
31													32
33													34
35													36
37													38
39													40
41													42
					Total Load:	4440 VA	2380 VA	1850 VA					
					Total Amps:	16 A	9 A	7 A					

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Lighting	8670 VA	100.00%	8670 VA	Total Conn. Load: 8670 VA
				Total Est. Demand: 8670 VA
				Total Conn. Current: 10 A
				Total Est. Demand Current: 10 A

Notes:

Branch Panel: HLSP4

Location: ELEC P418
Supply From: HLS6
Mounting: Surface
Enclosure: Type 1

Volts: 480/277 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 18,000
Mains Type: MLO
Mains Rating: 60 A

Notes:

CKT	Circuit Description	Demand Code	TRIP	P	A	B	C	P	TRIP	Demand Code	Circuit Description	CKT	
1	Lighting	Lighting	20 A	1	1134	736				1	20 A	Lighting	2
3	Lighting	Lighting	20 A	1		1387	696			1	20 A	Lighting	4
5	Lighting	Lighting	20 A	1			1430	953		1	20 A	Lighting	6
7	Spare	--	20 A	1	0	0				1	20 A	Spare	8
9	Spare	--	20 A	1		0	0			1	20 A	Spare	10
11	Spare	--	20 A	1			0	0		1	20 A	Spare	12
13													14
15													16
17													18
19													20
21													22
23													24
25													26
27													28
29													30
					Total Load:	1871 VA	2084 VA	2382 VA					
					Total Amps:	7 A	8 A	9 A					

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Lighting	6337 VA	100.00%	6337 VA	Total Conn. Load: 6337 VA
				Total Est. Demand: 6337 VA
				Total Conn. Current: 8 A
				Total Est. Demand Current: 8 A

Notes:

Branch Panel: LEQ7

Location: Space 978
Supply From: T-LEQ7
Mounting: Surface
Enclosure: Type 1

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 10,000
Mains Type: MCB
Mains Rating: 250 A
MCB Rating: 250 A

Notes:

CKT	Circuit Description	Demand Code	TRIP	P	A	B	C	P	TRIP	Demand Code	Circuit Description	CKT	
1	Equipment - PARKING GATE	Equip...	20 A	1	648	648				1	20 A	Equipment - PARKING GATE	2
3	Equipment - PARKING GATE	Equip...	20 A	1			648	1000		2	20 A	Equipment - HEATER	4
5	Equipment - PARKING GATE	Equip...	20 A	1			648	1000		--	--		6
7	BATTERY CHARGER	Equip...	20 A	1	500	180				1	20 A	Recept...	8
9	Equipment - PARKING GATE	Equip...	20 A	1			648	648		1	20 A	Equipment - PARKING GATE	10
11	Equipment - PARKING GATE	Equip...	20 A	1			648	648		1	20 A	Equipment - PARKING GATE	12
13	Receptacle	Recept...	20 A	1	180	180				1	20 A	Receptacle	14
15	Receptacle	Recept...	20 A	1			180	2000		1	30 A	Equipment (3 #10, 3/4") - 611	16
17	Equipment (3 #10, 3/4") - 611	Equip...	30 A	1			2000	2000		1	30 A	Equipment (3 #10, 3/4") - 611	18
19	Equipment (3 #10, 3/4") - 611	Equip...	30 A	1	2000	180				1	20 A	Recept...	20
21	Receptacle - 703	Recept...	20 A	1			180	180		1	20 A	Recept...	22
23	Equipment (3 #10, 3/4") - 703	Equip...	30 A	1			2000	2000		1	30 A	Equipment (3 #10, 3/4") - 703	24
25	Equipment (3 #10, 3/4") - 703	Equip...	30 A	1	2000	180				1	20 A	Receptacle	26
27	Receptacle	Recept...	20 A	1			180	180		1	20 A	Recept...	28
29	Equipment (3 #10, 3/4") - 803	Equip...	30 A	1			2000	2000		1	30 A	Equipment (3 #10, 3/4") - 803	30
31	Equipment (3 #10, 3/4") - 803	Equip...	30 A	1	2000	2000				1	30 A	Equipment (3 #10, 3/4") - 853	32
33	Equipment (3 #10, 3/4") - 853	Equip...	30 A	1			2000	2000		1	30 A	Equipment (3 #10, 3/4") - 853	34
35	Equipment (3 #10, 3/4") - 853	Equip...	30 A	1			2000	2000		1	30 A	Equipment (3 #10, 3/4") - 853	36
37	Equipment (3 #10, 3/4") - 853	Equip...	30 A	1	2000	180				1	20 A	Receptacle	38
39	Receptacle	Recept...	20 A	1			360	180		1	20 A	Recept...	40
41	Receptacle	Recept...	20 A	1			360	180		1	20 A	Recept...	42
43	Receptacle	Recept...	20 A	1	360	2000				1	30 A	Equipment (3 #10, 3/4") - 513	44
45	Receptacle	Recept...	20 A	1			360	360		1	20 A	Recept...	46
47	Receptacle	Re											

**Knoxville Police Department
2 Lane 120' "Tactical" Rifle Ready Range® w/Control Room
SRI QUOTE # 21SJ0223-001**

Qty	Category	Product No.	Unit Price	Amount	Description
1	Rifle Rated Ranges	A-TQFT-R-120-C			A-TQFT-R-120-C Commercial off the shelf (COTS) product fielded at more than 20 DOD and Commercial sites with single point power connections per module to be completely divisible & expandable in 2 lane increments in 2 lane increments, pre-engineered, pre-fabricated, containerized 2 lane 25 Meter shooting distance "High-Cube" Modular Shooting System to include 10. ft master control-room, 15 ft from back wall to the firing line built to accommodate center fire rifle (3600 FPS and/or 3800 ft. lbs) munitions with an overall length of 120 ft. The Model TQFT- is a fully equipped live fire shooting system in the "Tactical Fire Line" configuration includes ballistic protection, lighting, sound absorption and roof mounted HVAC systems, etc. Range includes Matte Black tactical shooting stalls with a fold down shooting tray and a collapsible shooting barricade. Ballistic rubber tile will be applied to ceiling and walls.
1	HVAC Options	A-RR-EXTWTHR02-C			A-RR-EXTWTHR02-C Extreme Weather Package Upgrade; Stage II Additional heat or cool Recirc System
1	Control Room Configurations	A-RRACR2-C-001			A-RRACR2-C-001 Advanced Control Room II, centered with Ready Room area compatibility
1	Miscellaneous	A-RR-WpnLckr-36			A-RR-WpnLckr-36 36"x82" Custom built interior weapon locker. Locker to include digital entry key pad for weapon security. Interior to include pistol and rifle rack system and backside door slot for target storage.
2	Ready Range Optional Targetry	A-CRT-SPR (Command Recon)			Random Turning, self propelled 360 degree Target System. 75' of track. Includes Individual Lane Control Stall mounted Use Catalog Number "CU-SPR-TRACK" to add price for length over 75' length (300' max)..
20	Ready Range Optional Targetry	A-CU-SPR-TRACK			Each additional foot of track in length over 75' (300' max)
1	Ready Range Optional Targetry	A-MCCW-SPR (Master Control Console w/Wireless tablet)			Master Control Computer - with Touch screen Spire OS. Allows for individual or multiple lanes synchronized control. Includes wireless tablet fo roperation anywhere in range.
160	Ready Range Optional Targetry	A-CU-SPR-TRACK			Each additional foot of track in length over 75' (300' max)
1	Miscellaneous	A-RR-Light-001-C			A-RR-Light-001-C Dimmable lighting Master
2	Miscellaneous	A-RR-Light-003-C			A-RR-Light-003-C Dimmable Lighting 40' (add for additional downrange modules)
1	Miscellaneous	A-RR-Com-001-C			A-RR-Com-001-C Two Way Communication System - Master Control Console
1	Miscellaneous	A-RR-Com-002-C			A-RR-Com-002-C Two way Communication System, add per module
1	Miscellaneous	A-RR-Com-003-C			A-RR-Com-003-C Public Address System - Master Control Console
1	Miscellaneous	A-RR-Com-004-C			A-RR-Com-004-C Public Address (add per firing line module across width)

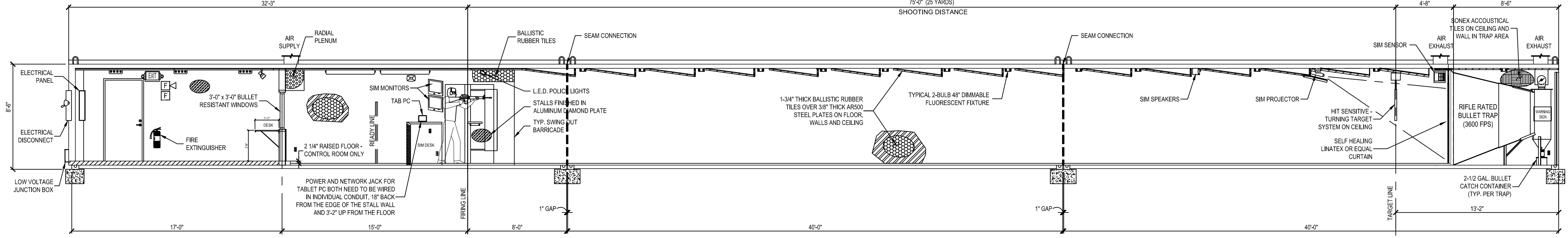
**Knoxville Police Department
2 Lane 120' "Tactical" Rifle Ready Range® w/Control Room
SRI QUOTE # 21SJ0223-001**

1	Miscellaneous	A-Sprinkler Plumbing			A-Sprinkler Plumbing Plumbing for sprinkler system to include piping and sprinkler heads only. Customer is responsible for tying system to existing building, all permitting, fire inspections, and anything else required by city fire code.
1	Shipping	A-Ship / Freight-1-C			A-Ship / Freight-1-C Shipping, Handling: Includes freight to 900 East Oak Hill Ave, Knoxville, TN from North Las Vegas Facility. Shipping quotation is used for estimating purposes only. A Final invoice will reflect actual pricing. Quotations are valid for 30 days unless specified otherwise.
1	Installation	120-Installation Equip			Commercial Off The Shelf Installation Equipment for Installation of Ready Range / MCSATS to include 120 Ton Crane, 55' AWD Off Road Fork Lift With Telescoping Boom, 300 amp towable welder w/100' leads, Dumpsters for Scrap Materials, (Trash, Rubber, Metal and Empty Packaging). Site Specific cost adjustments may be required once site visit is conducted after contract award.
1	Installation	A-Installation Package-2-C			A-Installation Package-2-C Installation of a 2 lane, Ready Range with Control Room 120 ft. in length for a 85' shooting distance to include all systems function test, Operation & Maintenance training and commissioning. SRI to provide 120 ton crane and heavy duty off-road forkliftsw/boom. Customer to provide some install assistance as well as all site preparations to include strip footer foundation or equal per SRI instructions and local code as well as bringing power service to the range location making final connections at the unit's main disconnect located on the Ready Range.

Note: Customer/Government Responsibilities:

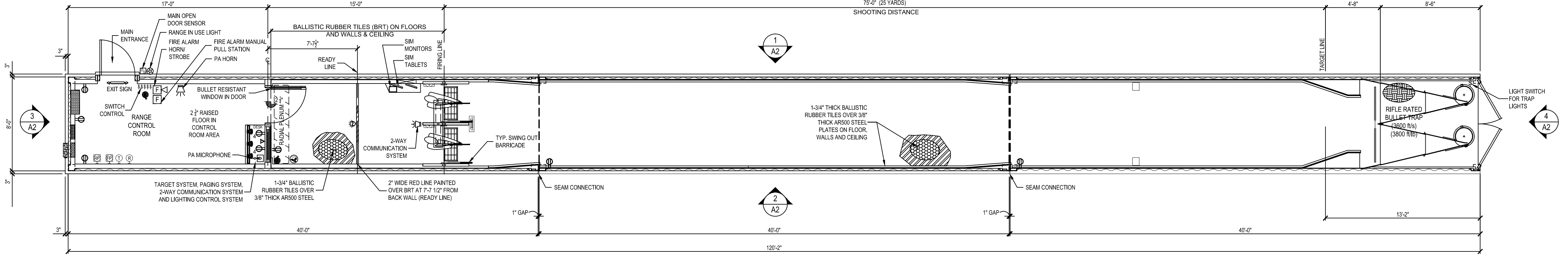
1. Installation of concrete pad or strip footers for the Ready Range modules per SRI drawings and written instruction. Inspection of such site preparations to be conducted by SRI representative before Ready Range product is shipped from factory.
2. Providing 208v or 220v, 3ph, 125amp to 300amp primary power ("WYE" System) needed for MCSATS to the connection box on each set of modules. SRI will provide detailed power requirements based on customer completed questionnaire, specific site/range heating and cooling requirements and availability of Natural/LP Gas. SRI Will provide connection box locations clearly marked on shop drawings.
3. Customer responsible for any and all site access requirements for cranes, trucks, range module delivery and forklifts to include, roads, ground work, utility clearances, overhead clearances (Trees, power lines), site laydown/staging area as required for project size.
4. Customer to provide 115v temporary power to the install site as well as dumpster and porta-toilets or restrooms for use during installation.
5. Customer to provide final connection of utilities, (power, natural gas or propane), to the Ready Range by locally certified service provider/contractor per the plans and specification during the installation period.
6. Assure coordination with other trades, local agencies to mark underground power and gas lines as well as the Local Power Board related to the surrounding power lines and the supply of suitable power as per SRI detailed project drawings.
7. Note; if project site is shut down by actions of others than that of SRI, an 'idle job fee' of \$650.00 for per man per calendar day plus site equipment, that work cannot commence, will be assessed.

File Path: C:\Library of Ready Ranges\Regular Type Ready Ranges\Typical 2-Lane 120 Ft. 25 Yd ShgtDist\Sheets\A1-Design Layout\2Ln 25Yd 120ft RR.dwg
Plot Date: 10/30/2014 9:05:21 AM
Login: CAD Station



DESIGN LAYOUT - LONGITUDINAL SECTION

SCALE: 3/16" = 1'-0"



DESIGN LAYOUT - PLAN VIEW

SCALE: 3/16" = 1'-0"

SYMBOL SCHEDULE	
SYMBOL	DESCRIPTION
	HEAT DETECTOR SENSOR CEILING MOUNT
	DUPLEX ELECTRICAL RECEPTACLE
	FOURPLEX ELECTRICAL RECEPTACLE
	DUPLEX ELECTRICAL RECEPTACLE
	FIRE PULL BOX
	FIRE ALARM HORN / STROBE
	VOICE / DATA
	LUTRON LIGHT SWITCH
	PHONE JACK
	FIRE EXTINGUISHER (WALL MOUNTED)
	PUBLIC ADDRESS MICROPHONE
	THERMOSTAT
	FILTER PRESSURE
	RANGE PRESSURE
	OPEN DOOR SENSOR
	OPEN DOOR ALARM
	DROP FOR TELEPHONE CONDUIT ONLY
	NETWORK CONDUIT FOR INTERNET AT DESK
	PRE-WIRED CLOSED CIRCUIT TV (CCTV) CAMERA
	1/4" THICK INTERLOCKING GRAY RUBBER TILES ON FLOOR
	POLISHED ALUMINUM DIAMOND THREAD PLATE
	SONEX SOUND TILE

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NOTE:
Drawings must not be scaled, where no dimensions are given, the matter shall be referred to the engineer.
Should dimensions or details on these drawings conflict, precedence shall be given to the larger scale drawing.
Where this drawing relates to existing or completed construction the contractor shall check that there is no conflict between actual building dimensions and drawing dimensions.
Written dimensions on these drawings shall have precedence over scaled dimensions.
Contractor to verify and be responsible for all dimensions and conditions in the field. This office must be notified of any variations from the dimensions and conditions shown by these drawings, shop details of adequate scale must be submitted to this office for approval before proceeding with fabrication on items so noted.
Such conflicts noted above shall be reported immediately to the engineer.

NOTES

ORTHOGRAPHIC PROJECTION

MAINTENANCE AND RESPONSIBILITIES
NOTICE TO ALL SHOOTING OWNERS, MANAGERS & OPERATORS:
Shooting Range Industries, LLC (SRI) is not responsible for the maintenance, operation, cleanliness, employee protection, lead collection or recycling, disposal or cleanup of any structure provided by SRI, or anyone affiliated or partnered with SRI.
SRI, or anyone affiliated or partnered with SRI, will not be held liable for any negligence on the part of the structure personnel for any of the above items.
Improper maintenance or repair of the structure(s) by any personnel or it's users for any of the aforementioned items, structure maintenance manuals have been provided with every range manufactured by SRI at time of purchase.
1. H.V.A.C. systems must be in proper working condition and in operation at time of range operation and clean up. SRI is not responsible for this operation (interlocking system).
2. Supply & exhaust air must "always" be on and operating at the same time (interlocked together).
3. Structures must have a negative air pressure or a min. of 10% of total air supply.
4. SRI is not liable for H.V.A.C. system maintenance, air quality, filtration maintenance and air filter change outs.
5. No storage or work to be performed behind bullet traps at any time.
6. SRI suggests lead handling & employee protection by the manual provided by the National Shooting Sports Foundation (NSSF).

The purpose of this letter/notes is to make sure you, as structure owner, manager, operator, or maintenance personnel are doing your/their part to make sure all people who come in contact with your structure are safe and comfortable in the indoor structure environment.
It is imperative that anyone involved in the operation, maintenance or repair of the structure(s) be diligent at minding all of the safety and operational standards that are set forth to ensure the safety of every shooter and employee that enters your place of business.

GENERAL NOTES

1. Air system comes as a completely balanced system by factory certified H.V.A.C. specialists however, it is the customer's responsibility to maintain a balanced air system.
2. If structure owner/operator does not understand any of the above operations, lead management, structure safety or will not accept responsibility they should immediately cease all operations to prevent employees and/or customers against health problems or bodily harm.
3. SRI has incorporated the customer's specified wall and ceiling ballistic protection in the building design as has been called out in the customer's design requirements, as such, the customer takes full responsibility to ensure that no ammunition is fired in the range that could exceed the design capabilities the customer has specified in the design requirements. The customer is solely responsible for proper range operation, range maintenance, and range safety in accordance with the range training and maintenance manual.

RIFLE TRAPS:
MODEL# C-R-3600 RIFLE TRAPS ARE RATED FOR A MAXIMUM OF 3600 FPS AND/OR 3800 FT/LB. FAILURE TO MONITOR AMMO BEING USED COULD RESULT IN METAL PITTING AND EVEN TRAP FAILURE. NO .50 CAL. BMG, STEEL CORE OR ARMOR PIERCING ROUNDS.

PRELIMINARY NOT FOR CONSTRUCTION PER PENDING APPROVAL

ATTENTION:
THIS CURRENT SET OF PLANS SUPERCEDES ANY PREVIOUS SET OF PLANS. IT IS THE OWNER'S RESPONSIBILITY TO FIELD VERIFY ALL BUILDING DIMENSIONS AND CONSTRUCTION.

CUSTOMER SIGN OFF:
DATE: _____
SIGNATURE: _____

SAMPLE ONLY

REVISION	DESCRIPTION	DATE	BY

Drawn	Date	Checked	Date	Approved	Date
VP	01.31.14	JC	01.31.14	MH	01.31.14
Project No. SRI14XXX		Scale AS NOTED		Sheet No. A1	
Drawing No. 14XXX 2Ln 120 Ft RR				Rev. X	

SHOOTING RANGE INDUSTRIES, LLC
R-RANGE DESIGN • RANGE EQUIPMENT • MODULAR RANGES

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Project Title
2-Lane 120 Feet 25-Yard Shooting Distance READY RANGE LAS VEGAS, NEVADA

Drawing Title
DESIGN LAYOUT PLAN VIEW SECTION VIEW