

ADDENDUM NO. 02.1

DATE: February 18, 2021

TO: All Potential Bidders

FROM: Penny Owens, Purchasing Agent, City of Knoxville

SUBJECT: Addendum No. 02.1 – Public Safety Complex Construction

BID DATE: March 4, 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 02.1

Project: 19018_COK Public Safety Complex
Date: 17 February 2021

Addendum 02.1 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 2.17.2021.

1. **General Specifications:** 00 01 10 – Table of Contents
2. **Architectural Specifications:** 07 81 00 – Applied Fireproofing and 08 33 10 – Rolling Fire Doors
3. **Electrical Specifications:** 26 31 13 – Emergency Standby Engine Generator System

BP3 DRAWINGS:

Unless noted otherwise, replace the following sections with the attached updated sections dated 2.17.2021.

4. **General Front-End Sheets:** Refer to revised Sheets G002 and G003.
5. **Architectural Sheets:** Refer to revised Sheets AS110, AS111, AS112, A010, A012, A101, A102, A103, A104, A107, A108, A110.1, A110.2, A110.3, A111.1, A111.2, A111.3, A112.1, A112.2, A113.1, A113.2, A114, A118, A119.1, A119.2, A119.3, A120.1, A120.2, A120.3, A121.1, A121.2, A121.3, A122.1, A122.3, A123.1, A123.2, A123.3, A124, A125, A126, A127, A128, A129, A201, A202, A203, A210.1, A210.2, A210.3, A211.1, A211.2, A211.3, A212.1, A212.2, A213.1, A213.2, A220, A223, A224, A225, A226, A227, A228, A422, A701, A710, A713, 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, and A824.1.
6. **Structural Sheets:** Refer to revised Sheets S007, S240, SD101, SD210, and SD211.
7. **Mechanical Sheets:** Refer to revised Sheets M110.2, M111.2, M112.2, M113.3, M120.1, M121.1, M122.1, M123.1, M126, M127, M224, M225, M226, M227, and M228.
8. **Plumbing Sheets:** Refer to revised Sheets P100, P101, P102, P103, P104, P1110.2, P114, P123, P151, P201, P202, P203, P204, P210.2, P210.5, P212.3, P223, P300.1, P301.1, P301, P501, P502, P504, P505, P506, P508, and P509.
9. **Electrical Sheets:** Refer to revised Sheets E101, E102, E110.1, E111.2, E113.2, E120.1, E120.3, E120.3, E121.1, E121.2, E121.3, E123.1, E123.2, E123.3, E126, E128, E201, E210.2, E225, and E401.

REFERENCE ATTACHMENTS:

These documents are provided for reference only and do not form part of the contract documents.

10. A recording of the prebid meeting can be found at the link below. Passcode: vXavA+9G
https://us02web.zoom.us/rec/share/WZdFo1XFLk21u-es-E_brPz-7Wf3WYZZtjmfzH5HGnZbuxEU8AUiX0uTXnmXO4VX.s5SVRHWK-2u_2ZAI

BIDDER QUESTIONS:

11. 00.31.26.23 - Scope of work - The Building Envelope Assessment of the Professional Office Building, dated January 18, 2021 contains nine assessment notes regarding deficiencies. These lack definitive locations or quantities, and for the

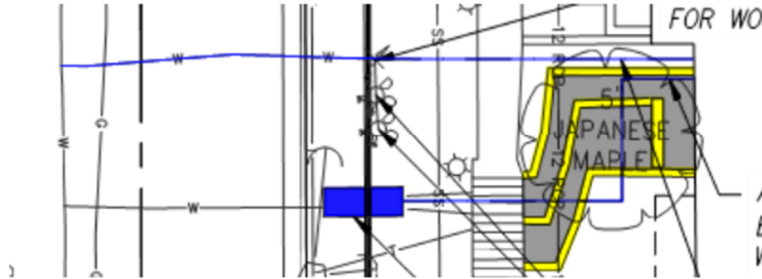
most part will require removal of existing construction to establish the extent of the repairs required. It is not possible to assign a value to this scope. We would suggest the Owner establish an allowance to be included in all proposals to address this work. Please advise.

- a. **We will provide LF/SF for scope required in a forthcoming addendum to define bid scope quantities along with unit prices as it pertains to the Building Envelope Assessments.**
12. General Conditions / Supplemental Conditions of the Work - Material testing - General Conditions section 7.2 states that all testing and inspections shall be paid by the General Contractor. Supplemental Conditions section 1.15 states the Owner has hired a testing agency to that will be performing all construction and material testing. Please clarify.
 - a. **By Owner. Supplemental Conditions section 1.15 is correct.**
13. 3/A102 - Joint seal - Provide specific product for expanding joint seal noted.
 - a. **Basis of design is EMSEAL – QuietJoint. This will be added to specification 07 92 00 Joint Sealants in a forthcoming Addendum.**
14. 15/A510 - Insulated metal panel - Provide specification and detail for base extrusion.
 - a. **Refer to 07 42 13.19 – Insulated Metal Wall Panels – 2.04.C.1 which reads “Extrusion Trim: Provide manufacturer-provided extruded trim for the following locations and as indicated on the Drawings: 1. Base trim...”**
15. A422 - Note E - Who is providing lateral bracing note “by others”?
 - a. **Refer to revised Note E on Sheet A422– lateral bracing is not required.**
16. Door hardware - Sheet A701 – Door 209B – no hardware specified.
 - a. **Refer to revised Sheet A701 for complete material and hardware information for Door 209B.**
17. Door hardware - Sheet A710 – Door 025 – no hardware specified.
 - a. **Refer to revised Sheet A710 for complete hardware information for Door 025.**
18. 10.27.00 - Access floor - A specification has been included for access flooring, but it is not identified in the Finish Schedule. Please advise.
 - a. **Drawing to be revised in forthcoming revision – access flooring to be provided in Women’s Pavilion rooms E911 318, DATA 319, STORAGE 329, and EOC/TRAINING 327.**
19. A710 - Door Schedule - Please review frame material for openings 112A and 113. Should 112A be HM and 113 AL-1?
 - a. **Refer to revised Sheet A710 for frame material information on Doors 112A and 113.**
20. The bid form requires us to list completion in calendar days, however the 01.10.00 summary of work paragraph 1.06.1 has the completion time of May 1, 2022 which is correct? Please clarify
 - a. **Refer to revised Bid Form in Addendum #01.1.**
21. Please describe in detail what the scope is for the allowance of \$1,300,000 for the backfill. For example:
 - Does this include the final grades shown on C301?
 - i. **Final grades shown on C301 are not included as part of the allowance. Only work shown on C000 is included in the allowance.**
 - Does this include any drainage?
 - i. **Site storm drainage is not included as part of the allowance. Only items shown on C000 are included in the allowance.**
 - Does this include topsoil for landscaping?
 - i. **Landscape Planting Soil is not part of the backfill. Sample testing and requirements for planting soil can be found in Specification 329100 Planting Preparation**
22. Please describe in detail what the scope is for the allowance of \$30,000 for demolition. For example:
 - Does this include all remaining demolition?
 - Does the include demolition for the parking lots Huron and Oldham?
 - Does this remove all demolition debris from site?
 - a. **Please refer to Addendum 01.1 for revised demolition allowance amount. This allowance is strictly attributed to the demolition of the final two bays of the Central Wing and any potential shoring required. Scope allowance applies to scope on Sheets AS104, AD105, AD106, SD101, SD210, and SD211. Demolition Scope on AS305.2 and under MASS DEMOLITION KEYNOTE #13 in POB are not included in the allowance.**
23. 11 12 00 - Access control at gates - Per the pre-bid meeting, the Access Control scope is being removed from Bid Packages 3.1/4.1/5.1. Please confirm this includes the control of the barrier gates. Base bid to include raceways to pedestals only.
 - a. **Confirmed, the barrier arms are the responsibility of the Owner’s access control vendor. The GC (through sub) is still required to provide all rough-in requirements.**

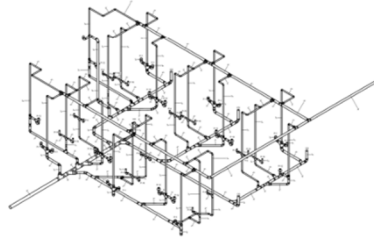
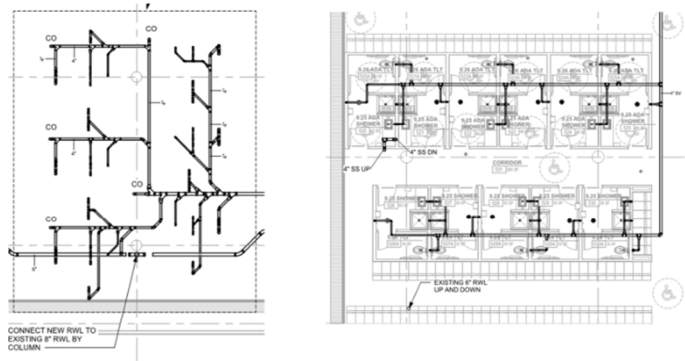
24. During the meeting, it was mentioned that the LV package, which included AV, was being omitted from the base bid, and would be handled via "PBA". Am I correct in assuming that:
- We will not need to price this to prospective GC's for inclusion in their bid right now.
 - The LV package will be put out to bid as a separate entity later, possibly by the GC who wins the contract.
- a. **Confirmed, the LV packages are the responsibility of the owners vendors. The GC (through sub) is still required to provide all rough-in requirements. In addition, the GC, through its subs, is responsible for fire alarm relays at access control panel locations, door hardware, elevator carrier cable for controlled movement of the elevator, and backing in walls where identified.**
25. Is there a microwave for all the microwave shelves shown? And Are all the microwaves OFCI?
- a. **Yes, all microwaves are OFCI.**
26. Who supplies and installs the markerboards?
- a. **Markerboards are to be Owner supplied and installed, refer to Floor Plan Keynote 21 for GC requirements are Marker Board locations.**
27. Who supplies and installs the vehicle lift? Is there specs for the lift?
- a. **Refer to Sheet A115 for equipment details.**
28. Please provide us a pattern for the translucent film?
- a. **3M Fasara Glass Finishes – Pattern Slat-G**
29. Is there a detail of the rails that the GC is to installed for the high density mobile storage system?
- a. **Refer to revised Floor Plan Keynote 35, rails are to be Owner provided and installed through FFE Contracts.**
30. Is there any chair rail in corridor or lobbies?
- a. **No.**
31. I found a note on drawing A110.3 item #35, that relates to the rails for the mobile systems and I need to know if they are suppose to be in this bid.
- a. **Refer to revised Floor Plan Keynote 35, rails are to be Owner provided and installed through FFE Contracts.**
32. For note 35 on page A110.3 the rails are called out to be contractor provided and installed. There is no specifications regarding this requirement and typically there is also ramping and decking involved with this type of requirement that is not called out in this note. Can this requirement be clarified as to the specifications for the materials and installation requirements, along with whether the ramp and decking materials are to be part of this requirement?
- a. **Refer to revised Floor Plan Keynote 35, rails are to be Owner provided and installed through FFE Contracts.**
33. 11 12 00 - Access control gates - Is Amano acceptable as an equal for barrier arm gates. Substitution form and product data attached.
- a. **The barrier arms are the responsibility of the Owner's access control vendor. The GC (through sub) is still required to provide all rough-in requirements.**
34. S220 - Filling floor penetrations - Sheet S220 provides details for infilling floor penetrations in the POB concrete frame. Please provide details for the same type of conditions in the WP and CA which have different structural systems.
- a. **Detail 23/S007 indicates infill requirements for openings 10" or smaller. An additional detail will be provided for any openings 10"-24" in width/diameter.**
35. Floor penetrations - Please provide locations for all existing floor openings to be filled, or a bid quantity to be included.
- a. **Major opening locations have been identified on plans. The buildings are open for quantification and a site visit may be scheduled by the bidder.**
36. Please clarify whether a wage rate will be required for this project (Prevailing Wages, David-Bacon, etc.)
- a. **No, they will not be required.**
37. Structural detail 22/S210 has a general note which reads, "WORK INDICATED IN THIS DETAIL WAS PERFORMED IN BID PACKAGE 2", however, within the detail there is a leader pointing to the slab pour back which reads, "SLAB POUR BACK IS INCLUDED IN BID PACKAGE 3". Might you consider adding "UNO" or "UNLESS NOTED OTHERWISE" at the end of the general note about this detail pertaining to Package 2 to clarify the applicable package 3 scope noted in 22/S210?
- a. **The slab pour back will be in Bid Package 2. The note will be corrected.**
38. How many "E" opening patches will be required to be performed as depicted in structural detail 22/S220?
- a. **Major opening locations have been identified on plans. The buildings are open for quantification and a site visit may be scheduled by the bidder.**
39. How many small hole infill patches will be required to be performed as depicted in structural detail 23/S220? Will a unit price for above/below the desired quantity be required?

- a. **Major opening locations have been identified on plans. The buildings are open for quantification and a site visit may be scheduled by the bidder.**
40. Does the 100K demo allowance cover all of the demo scope in BP3.1 or is the 100K allowance separate from the demo scope depicted on the drawings?
- a. **This allowance is strictly attributed to the demolition of the final two bays of the Central Wing and any potential shoring required. Scope allowance applies to scope on Sheets AS104, AD105, AD106, SD101, SD210, and SD211. Demolition Scope on AS305.2 and under MASS DEMOLITION KEYNOTE #13 in POB are not included in the allowance.**
41. Specification section "07.56.00 – Fluid Applied Roofing" is listed on the Table of Contents, however, I am unable to locate this spec. in the body of the spec. book. Please advise.
- a. **This specification had been removed from the Table of Contents. Refer to allowance description for Fluid Applied Roofing Basis of Design.**
42. Note 10 on sheet A300 states, "For Existing Alum. Storefront/CW - Clean/Apply New Sealant as Required." Please define the lineal footage of sealant which will need to be installed at all exterior windows.
- a. **We will provide LF/SF for scope required in a forthcoming addendum to define bid scope quantities along with unit prices as it pertains to the Building Envelope Assessments. All windows in the Central Annex and Professional Office Building to receive new sealant.**
43. There is new cast stone called out in Detail 5/A414 which references manufacturer details. In reviewing the masonry specifications, this cast stone does not appear to be addressed. Please advise.
- a. **Refer to Sheet AD305.2 and section notes on referenced drawing. The existing cast stone masonry veneer at canopy is to be salvaged and reused to infill limited openings left behind by demolition scope at canopy beams. New cast stone masonry veneer should not be required.**
44. Will BIM be required in any capacity for this project? Section 01.30.00 notes that the architect's BIM model will be made available for subs to base their submittals on but that appears to be the only reference to BIM in the spec.
- a. **No, BIM will not be required.**
45. Please clarify whether it's the Owners or GC's responsibility to pay tap and/or KUB meter fee's.
- a. **Allowance to be provided in forthcoming Addendum for water, sewer, power and gas based on the team's discussions with KUB.**
46. The following questions were submitted to us from a local Mechanical/Plumbing Company:
- a. The domestic water service shown on P101 Rm. #124 Shows a 3" domestic water service to turn down on exterior wall. Is this to be tied into existing water service or does the new water service need to be extended out 5' for connections by others?
 - i. **This will be a new water service extended 5' out for connection by civil.**
 - b. There appears to be no mention of an elevator sump pump on the drawings or the fixture schedule. Please clarify if a sump pump is required and if so provide additional detail.
 - i. **All the elevator sump pumps are existing to remain except for elevator CA-3. CA-3 will be provided with a new sump pump and containment tank. This will be reflected in the updated drawings.**
 - c. Drawing P103 Patio #348 has a drain but there is no storm piping currently run to drain could you please advise if drain is to remain and be re-connected to storm or abandoned in place?
 - i. **Drainage will be required, connect to the building storm system.**
 - d. There are existing floor drains and trench drains that are connected to the existing sanitary sewer on the 1st floor. Will these be abandoned in place? Will any of the existing floor drains or trench drains need to be re-used on the 1st floor?
 - i. **This needs to be decided on a case by case basis, but generally only drains located in mechanical spaces can remain.**
 - e. In the drawing below at the women's pavilion the domestic water service is shown running below the existing stairs. The elevation drops off significantly after the stairs to match 1st floor elevation. I am assuming that the domestic water line then runs below the 1st floor level putting this water line at an impossible installation without taking out the stairs and the planter retaining walls. It appears there used to be a water service that run into the building at one time but has been cut off at the shear wall at the outer exterior of the building. This drawing is

located on C501. Please clarify how to proceed based on these conditions.



- i. **This should be directed to civil.**
- f. It appears that the isometric on DWG. P407 Detail 1 and the above ground sanitary on DWG. P223 shower area do not seem to match what the actual layout or does it depict the number of actual fixtures shown on DWG. P224 Level 5 Showers. Could drawing be corrected to match correct layout.



- i. **The isometric is generated from the floor plan and currently shows the correct layout.**
47. Please see the attached resinous flooring substitution request submitted by Stonhard.
 - a. **Refer to Addendum 01.1 for the addition of Stonhard to the Resinous Flooring Specification.**
48. Please provide an official notice to proceed date for bid purposes.
 - a. **May 1, 2021**
49. Please provide further definition of tax-exempt status of the project.
 - a. **Include all required tax in bid. Project is not tax exempt.**
50. Please confirm who provides the Builder's Risk Insurance and associated deductibles.
 - a. **Builder's Risk and Deductibles are by City of Knoxville.**
51. For Bid Purposes, please provide quantities/further definition of scope for the remediation of the exterior skins of the buildings.
 - a. **We will provide LF/SF for scope required in a forthcoming addendum to define bid scope quantities along with unit prices as it pertains to the Building Envelope Assessments.**

52. Demolition Drawings AD103, 104, 105, 106, 305.2 – Is work shown on these drawings in this Scope of Work, By Messer, or included in the \$100,000 allowance?
- This allowance is strictly attributed to the demolition of the final two bays of the Central Wing and any potential shoring required. Scope allowance applies to scope on Sheets AS104, AD105, and AD106. Demolition Scope on AS305.2 and under MASS DEMOLITION KEYNOTE #13 in POB are not included in the allowance.**
53. Demolition Drawings SD100, 101, 210, 211 – Is work shown on these drawings in this Scope of Work, By Messer, or included in the \$100,000 allowance?
- The remaining demolition and the shoring indicated on sheets SD101, SD210, and SD211 are included in the allowance.**
54. Drawing C000 Grading/Backfill – Is work shown on this drawing in this Scope of Work, By Messer, or included in the \$1.3M allowance?
- Scope shown on sheet C000 is included in the allowance. All other items outside of the scope shown on C000 is to be included as part of the bid.**
55. Please provide specification for rolling steel fire shutters.
- Refer to added Specification 08 33 10 – Rolling Fire Doors.**
56. Please provide Bid Envelope Cover.
- Refer to Addendum 01.1 for the Bid Envelope Cover.**
57. Are the 18” storm lines and 3 associated structures near the Firing Range omitted in Alternate 1 or do they remain in the Base Bid?
- Storm structures 16AD, 17AD, 18AD, and the (2) 18” storm pipes are to be included as part of the Alternate bid.**
58. Please confirm that the Force Majeure contract clause inherently includes Covid/pandemic events, etc.
- Yes. This will be defined in the contract. Conditions due the COVID-19 Pandemic would need to be significantly worse than conditions at the time the contract is executed for this to apply.**
59. Floor Plan Note 35 – Mobile Storage Units.
- Please provide rail layout.
 - Please clarify if rails are indeed to be provided by contractor. If so, please provide specification.
 - Please clarify if rails are indeed to be installed by contractor. If so, please provide details, tolerances, etc.
- Refer to revised Floor Plan Keynote 35, rails are to be Owner provided and installed through FFE Contracts.**
60. Drawing A107 WP Roof Plan. Keynote 20 refers to Alternate 5 – New Roof. Should this note be removed?
- Refer to revised Sheet A107 for updated keynote.**
61. On the finish schedule CPT-9 appears twice as 2 different products. Please clarify.
- We will clarify this in our drawings in a forthcoming Addendum. CPT-9 should be the ESD carpet tile that is on the third floor of WP. We will change the walk-off carpet to be titled CPT-10. CPT-10 therefore will be the carpet tile in entry vestibules colored in dark grey.**
62. A901 General Note #9 says all base at carpeted areas to be straight, but the finish schedule calls out a coved base. Please clarify.
- Resilient Wall base at all carpeted area shall be straight base and resilient wall base at all hard surface floors shall be cove base.**
63. 1/A810.1 - Note #27 - On Floor Plan note #27 (countertops) are shown in two doorways. Please review and advise.
- Refer to revised Sheet A810.1 for updated keynote designation.**
64. AS110 - gates - Keynote #26 references “security gates”. Please confirm these are barrier arm gates.
- Refer to revised Keynote #26 – security gates do refer to barrier arm gates. Barrier arm gates to be Owner provided, power and conduit to be provided in base bid.**
65. A300 – storefront - Note #32 – replace damaged mullion covers. Many mullion covers have screws attaching temporary security panels. Are these covers considered “damaged”?
- This note is in reference to the expected damage incurred by the temporary security panels to the mullion covers.**
66. A119.2 – roofing - Note #17 references Alternate 4. Is this the right alternate, and what would be the base scope of work?
- Refer to revised Sheet A119.2 for updated keynote. Base Bid scope is 100% re-roof.**
67. A108 - Missing description - Note #7 has no description listed.
- Refer to revised Sheet A108 for Keynote #7.**
68. A012 - Roof plan - LL1 overall floor plan refers to Roof Plan A152. There is no sheet A152 included.

- a. **Refer to revised note on Sheet A012 – refer to Roof Plan A118.**
69. A107 – alternate - Note #20 references Alternate 5. Not correct. Please confirm that Base Bid scope is 100% re-roof.
a. **Refer to revised Sheet A107 for updated keynote. Base Bid scope is 100% re-roof.**
70. Hardware schedule - Opening 111 on the Central Annex door schedule is a double opening but is in hardware set 10 which is for a single opening. What hardware set should be used?
a. **Refer to revised Sheet A710 for hardware set modification.**
71. Hardware schedule - Opening 233 on the Women’s Pavilion Door Schedule does not have a frame type listed. Please provide this information.
a. **Refer to revised Sheet A701 for frame type.**
72. Hardware schedule - Opening 327B on the Women’s Pavilion Door Schedule does not have a frame type listed. Please provide this information.
a. **Refer to revised Sheet A701 for frame type.**
73. Hardware schedule - There are several HM frames with frame type A1. Elevation A1 is only shown with the Door Schedules for the Central Annex and POB, but not for the Women’s Pavilion. This elevation also shows that it is for an Aluminum Opening. Please clarify if these should be using frame type A1 for HM frames and provide frame type A1 for the Women’s Pavilion.
a. **Refer to revised Sheet A701 for revised WP frame elevations and designations for HM frames.**
74. Please advise how the bidding contractors should price remedial work associated with restoring existing construction to remain when the repairs are referenced with phrases similar to “as needed” or “as required”.
a. **Visit the site and measure to determine requirement prior to bid. We will provide LF/SF for scope required in a forthcoming addendum to define bid scope quantities along with unit prices as it pertains to the Building Envelope Assessments.**
75. How will patching/repairing of existing interior concrete slab on grade / slab on deck damage be identified and quantified for bidding?
a. **Major opening locations have been identified on plans. The buildings are open for quantification and a site visit may be scheduled by the bidder.**
76. How will wall and floor voids created when existing piping/ductwork were removed be identified and quantified for bidding purposes?
a. **Major opening locations have been identified on plans. The buildings are open for quantification and a site visit may be scheduled by the bidder.**
77. How will patch and repair of existing sprayed on fire proofing be identified and quantified for bidding?
a. **The site is available for scheduled visits to measure and determine requirement prior to bid for areas existing fire proofing needs to be patched and repaired.**
78. How will repairs to existing walls that have been damaged due to demolition processes be identified and quantified for bidding?
a. **Current Contractor to repair or replace.**
79. Please quantify and indicate exact areas of repair required in association with existing masonry. Repair of 100 sf of brick 8’-0” above finished floor is a different scope than repairing 100 sf of brick 75’-0” above finished floor. In addition, please provide a detailed repair method for each repair condition. If substrate repairs are required, please confirm that such a case will be treated as an unknown condition.
a. **We will provide LF/SF for scope required in a forthcoming addendum to define bid scope quantities along with unit prices as it pertains to the Building Envelope Assessments. Refer to Building Envelope Assessment and POB Elevations for locations of brick repair.**
80. Please indicate location and quantity of any repairs needed to existing exterior windows to remain. There are several areas that appear to have sustained damage during the demolition process.
a. **Current contractor to repair or replace.**
81. Will a survey be completed to identify damage to exterior elements to remain? It is evident that demolition operations have damaged certain exterior elements – walks, sidewalks, curbs, masonry, etc.
a. **Current contractor to repair or replace.**
82. What is the schedule for completing the basement wall currently under construction at the central annex? Is waterproofing of the wall included? Who will be responsible for warranting these conditions?
a. **Foundation wall will be complete prior to this contract start date. Waterproofing is required by the awarded GC prior to backfilling operations. Waterproofing warranty is by the GC of this scope.**
83. Several exterior aluminum electronically operated doors have incurred damage during the demolition process. How should this be address during bidding? Who is responsible for their warrantable operation?

- a. **Current contractor to repair or replace.**
84. Has the building been scanned and converted to BIM? If so will this information be made available to the general contractor and/or subcontractors for prefabrication purposes?
- a. **The building was not scanned for the creation of BIM models. Models were generated from existing drawings. BIM models will be provided to the awarded contractor but dimensions will need to be field verified.**
85. There are numerous instances of the interior face of aluminum frames having existing damage due to removal of previously installed end wall caps and /or partitions that have been demolished. How will remediation of this type of damage be quantified and identified for bidding?
- a. **Visit the site and measure to determine requirement prior to bid.**
86. Existing windows have been removed by the demolition contractor in various locations to create openings for removal of demolished materials. The demolition contractor did not take care to preserve the integrity of the frames or glazing when removing them. As a result they will be unable to be reused and unwarrantable. Please advise how this should be addressed in the bid.
- a. **Current contractor to repair or replace.**
87. What drawings is the corner guards location shown?
- a. **Refer to Finish Plan General Notes, #21 on the A900s series.**
88. Please see the attached Generac Substitution form for listed manufacturers are Caterpillar, Kohler, Cummins, or MTU Onsite Energy.
- a. **Refer to attached Approved Substitution Request, Generac is acceptable.**
89. S007 - Floor penetrations - Many of the floor penetrations have metal sleeves that are cast into the concrete, will these need to be removed to infill the floor penetrations or is there a detail addressing this condition?
- a. **Refer to revised detail 23/S007, metal sleeves will need to be removed.**
90. Doors / hardware - Missing information - Opening 025 of the Central Annex Door Schedule does not have a hardware set listed. Please provide what hardware set is needed.
- a. **Refer to revised Sheet A710 for hardware information.**
91. Doors / hardware - Missing information - On page A701, window elevations E and F do not have sizes listed. Please provide the sizes for these windows.
- a. **Refer to revised Sheet A701 for dimensions.**
92. Doors / hardware - Missing information - Openings 008, 009, 010, and 021 on the Central Annex Door schedule are missing door and frame material. Please provide this information.
- a. **Refer to revised Sheet A711 for missing information.**
93. Doors / hardware - Missing information - Opening 209B on the Women's Pavilion Door Schedule is missing door/frame information and hardware set. Please provide this information
- a. **Refer to revised Sheet A701.**

END OF ADDENDUM 02.1.

SECTION 00.01.10
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SPECIFICATIONS

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- 01.21.13 - Allowances
- 01.22.00 - Unit Prices
- 01.23.00 - Alternates
- 01.25.00 - Substitution Procedures
- 01.25.01 - Substitution Request Form
- 01.26.10 - Weather Delays
- 01.26.20 - Weather Delay Report
- 01.30.00 - Administrative Requirements
- 01.31.26 - Project Management Communications Requirements
- 01.31.93 - Administrative Logs
- 01.40.00 - Quality Requirements
- 01.41.00 - Regulatory Requirements
- 01.45.29 - Laboratory Testing Services
- 01.50.00 - Temporary Facilities and Controls
- 01.57.13 - Temporary Erosion and Sediment Control
- 01.60.00 - Product Requirements
- 01.61.16 - Volatile Organic Compound Content Restrictions
- 01.70.00 - Execution and Closeout Requirements
- 01.74.19 - Construction Waste Management and Disposal
- 01.78.00 - Closeout Submittals

DIVISION 02 -- EXISTING CONDITIONS

- 02.41.00 - Demolition

DIVISION 03 -- CONCRETE

- 03.05.16 - Underslab Vapor Barrier
- 03.10.00 - Concrete Forming and Accessories
- 03.20.00 - Concrete Reinforcing
- 03.30.00 - Cast-In-Place Concrete
- 03.35.11 - Concrete Floor Finishes

DIVISION 04 -- UNIT MASONRY

- 04.01.00 - Masonry Restoration
- 04.01.20.52 - Unit Masonry Cleaning
- 04.20.00 - Unit Masonry

DIVISION 05 – METALS

- 05.12.00 – Structural Steel Framing
- 05.21.00 – Steel Joist Framing
- 05.31.00 – Steel Decking
- 05.40.00 – Cold-Formed Metal Framing
- 05.50.00 – Metal Fabrications
- 05.52.13 – Pipe and Tube Railings
- 05.75.10 – Perforated Metal Panels

DIVISION 06 – WOOD, PLASTICS AND COMPOSITES

- 06.10.00 – Rough Carpentry
- 06.20.00 – Finish Carpentry
- 06.41.00 – Architectural Wood Casework

DIVISION 07 -- THERMAL AND MOISTURE PROTECTION

- 07.05.53 – Smoke and Fire Assembly Identification
- 07.14.00 – Fluid Applied Waterproofing
- 07.17.13 – Bentonite Panel Waterproofing
- 07.21.00 - Thermal Insulation
- 07.21.19 – Foamed in Place Insulation
- 07.24.00 – Exterior Insulation and Finish Systems
- 07.25.00 - Weather Barriers
- 07.40.00 – Metal Wall Panels
- 07.42.13.19 - Insulated Metal Wall Panels
- 07.54.00 - Thermoplastic Membrane Roofing
- ~~07.56.00 – Fluid Applied Roofing~~
- 07.62.00 - Sheet Metal Flashing and Trim
- 07.71.00 - Roof Specialties
- 07.72.00 - Roof Accessories
- 07.81.00 - Applied Fireproofing
- 07.84.00 - Firestopping
- 07.92.00 - Joint Sealants
- 07.95.13 - Expansion Joint Cover Assemblies

DIVISION 08 -- OPENINGS

- 08.11.13 - Hollow Metal Doors and Frames
- 08.14.16 - Flush Wood Doors
- 08.31.00 – Access Doors and Panels
- 08.33.10 – Rolling Fire Doors**
- 08.33.36 - Overhead Coiling Doors
- 08.34.00 – Bullet Resistant Doors and Frames
- 08.34.73.16 – Wood Sound Control Door Assemblies
- 08.43.13 - Aluminum-Framed Storefronts
- 08.56.53 – Aluminum Security Door and Windows
- 08.71.00 - Door Hardware
- 08.80.00 – Glazing
- 08.91.00 - Louvers

DIVISION 09 -- FINISHES

- 09.05.61 - Common Work Results for Flooring Preparation
- 09.21.16 - Gypsum Board Assemblies
- 09.30.00 - Tiling
- 09.51.00 – Suspended Acoustical Ceilings
- 09.54.00 – Wood Wall Panels
- 09.65.00 - Resilient Flooring
- 09.65.66 - Resilient Athletic Flooring
- 09.67.23 – Resinous Flooring
- 09.68.13 - Tile Carpeting

- 09.68.14 – Electrostatic Discharge Carpet Tile
- 09.72.00 – Wall Coverings
- 09.84.10 – Acoustical Wall Treatments
- 09.91.13 - Exterior Painting
- 09.91.23 - Interior Painting

DIVISION 10 -- SPECIALTIES

- 10.14.00 - Signage
- 10.21.13.19 – Solid Plastic Toilet Compartments
- 10.22.23.23 – Moveable Panel Systems
- 10.26.13 – Corner Guards
- 10.27.00 – Access Flooring Systems
- 10.28.00 - Toilet, Bath, and Laundry Accessories
- 10.44.00 - Fire Protection Specialties
- 10.51.13 - Metal Lockers
- 10.56.17 - Wall Mounted Standards and Shelving
- 10.73.16.13 – Metal Canopies
- 10.75.00 – Flagpoles

DIVISION 11 -- EQUIPMENT

- 11.12.00 - Parking Control Equipment
- 11.67.23 – Indoor Shooting Range and Equipment
- 11.82.13.15 – In-Ground Waste Collection System

DIVISION 12 -- FURNISHINGS

- 12.24.00 - Window Shades
- 12.36.00 - Countertops
- 12.48.13 - Entrance Flooring

DIVISION 13 -- SPECIAL CONSTRUCTION

- 13.34.23 – Fabricated Transit Structures

DIVISION 14 -- CONVEYING EQUIPMENT

- 14.21.00 – Electric Traction and Hydraulic Elevators

DIVISION 21 - FIRE SUPPRESSION

- 21.01.00 - Fire Protection General Provisions
- 21.05.47 - Seismic Restraint Of Fire Protection Equipment And Suspended Utilities
- 21.11.19 - Fire Department Connection
- 21.13.13 - Automatic Sprinkler Systems
- 21.13.14 – Intergen Fire Suppression System
- 21.31.13 - Electric Drive Centrifugal Fire Pumps

DIVISION 22 – PLUMBING

- 22.01.00 - Plumbing General Provisions
- 22.05.47 - Seismic Restraint Of Plumbing Equipment And Suspended Utilities
- 22.07.19 - Plumbing Insulation
- 22.11.16 - Domestic Water Piping And Valves
- 22.11.19 - Domestic Water Backflow Preventers, Trap Primers, And Shock Absorbers
- 22.11.23 - Domestic Water Pumps
- 22.13.16 - Sanitary Waste And Vent Piping
- 22.13.19 - Sanitary Waste Piping Specialties
- 22.14.16 – Rainwater Leaders
- 22.14.29 - Sump Pumps
- 22.33.31 - Commercial Storage Electric Domestic Water Heaters
- 22.42.13 - Commercial Plumbing Fixtures

DIVISION 23 - HEATING, VENTILATING, AND AIR CONDITIONING (HVAC)

- 23.01.00 - General Provisions Of HVAC Systems
- 23.01.30 - Duct Cleaning
- 23.05.13 - Electric Motors
- 23.05.33 – Electric Heat Tracing
- 23.05.47 - Seismic Restraint Of Mechanical Equipment And Suspended Utilities
- 23.05.48 - Vibration Isolation
- 23.05.49 - Basic Materials And Methods For HVAC
- 23.05.93 - Testing, Adjusting, And Balancing
- 23.07.10 - Insulation
- 23.08.09 - General Commissioning Requirements
- 23.09.23 - Direct Digital Control Building Automation System (DDC BAS)
- 23.09.35 - Controls Electric
- 23.21.13 - Hydronic Piping
- 23.21.20 - Hydronic Specialties
- 23.21.21 - End-Suction, Flexible Coupled Pumps
- 23.23.00 - Refrigerant Piping System
- 23.25.15 – Water Treatment For Closed Hydronic Systems
- 23.29.23 - Variable Frequency Motor Controllers
- 23.31.10 – Sheet Metal Ductwork – Low Pressure
- 23.31.11 - Sheet Metal Ductwork - Medium Pressure
- 23.33.10 - Sheet Metal Specialties
- 23.33.20 - Acoustical Barrier Wrap
- 23.34.10 - Centrifugal Fans
- 23.34.15 – In-Line Tubular Centrifugal Fans
- 23.36.10 – Variable Volume Air Terminal Units
- 23.36.15 - Fan Powered Variable Volume Air Terminal Units
- 23.64.20 - Packaged Air Cooled Chiller Scroll
- 23.73.13 – Indoor Air Handling Unit
- 23.74.13 – Packaged Rooftop Unit
- 23.81.24 – Computer Room Air-Conditioning Unit (Ceiling Mounted)
- 23.81.26 – Mini-Split Variable Refrigerant A/C Units
- 23.82.42 - Electric Duct Heaters
- 23.84.11 – Electric Steam Humidifiers

DIVISION 26 – ELECTRICAL

- 26.01.00 - General Provisions For Electrical Systems
- 26.05.19 - Conductors 600 Volt And Below
- 26.05.26 – Grounding And Bonding For Electrical Systems
- 26.05.29 – Supporting Devices And Hangers
- 26.05.34 – Raceways And Conduit Systems
- 26.05.36 – Cable Trays
- 26.05.37 - Outlet Boxes
- 26.05.38 - Pull And Junction Boxes
- 26.05.45 - Pad Transformer Electric Service -Transclosure Electric Service
- 26.05.47 - Seismic Restraint Of Electrical Equipment And Suspended Utilities
- 26.05.73 - Overcurrent Protective Device Coordination And Arc Flash Study
- 26.22.00 - Dry Type Transformers
- 26.24.13 - Circuit Breaker Distribution Switchboards
- 26.24.16 - Panelboards
- 26.24.20 - Ground Fault Protection
- 26.27.26 - Wiring Devices
- 26.28.18 - Safety Switches
- 26.29.13 - Individual Starters And Controls
- 26.32.13 - Emergency Standby Engine Generator System
- 26.36.00 - Automatic Transfer Switch
- 26.41.13 - Lightning Protection
- 26.43.00 - Surge Protective Devices
- 26.51.00 - Interior Lighting And Lamps

26.56.00 - Exterior Lighting And Lamps

DIVISION 27 - COMMUNICATIONS

27.00.00 – General Provisions For Communication Work
27.05.28 – Firestopping For Communications
27.10.04 – Telephone Service
27.32.43 – Radio Communications Equipment
27.37.00 – Low Voltage Rough-In Specifications

DIVISION 28 - ELECTRONIC SAFETY AND SECURITY

28.31.00 – Fire Alarm System
28.48.20 – Emergency Responder Radio Coverage In Buildings

DIVISION 31 – EARTHWORK

31.10.00 – Site Clearing
31.13.16 – Tree Protection and Trimming
31.20.00 – Earth Moving
31.23.19 – Dewatering
31.23.33 – Trenching and Backfilling
31.25.00 – Erosion and Sedimentation Control
31.31.16 – Termite Control

DIVISION 32 – EXTERIOR IMPROVEMENTS

32.10.13 – Removing and Replacing Pavement
32.12.16 – Asphalt Paving
32.13.13 – Concrete Paving
32.13.73 – Concrete Paving Joint Sealants
32.17.23 – Pavement Markings
32.31.13 – Chain Link Fences and Gates
32.33.00 – Site Furnishings
32.35.00 – Site Screening Devices
32.91.00 – Planting Preparation
32.92.00 – Turfs and Grasses
32.93.00 – Plants

DIVISION 33 – UTILITIES

33.11.00 – Water Utility Distribution Piping
33.31.13 – Facility Sanitary Sewers
33.41.00 – Storm Utility Drainage Piping

END OF SECTION 00.01.10

**SECTION 07.81.00
APPLIED FIREPROOFING**

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Fireproofing of interior structural steel not exposed to damage or moisture.

1.02 RELATED REQUIREMENTS

- A. Section 05 12 00 - Structural Steel Framing.
- B. Section 05 21 00 - Steel Joist Framing.
- C. Section 05 31 00 - Steel Decking.
- D. Section 07 05 53 - Fire and Smoke Assembly Identification.
- E. Section 07 84 00 - Firestopping.

1.03 REFERENCE STANDARDS

- A. ASTM E84 - Standard Test Method for Surface Burning Characteristics of Building Materials; 2016.
- B. ASTM E736/E736M - Standard Test Method for Cohesion/Adhesion of Sprayed Fire-Resistive Materials Applied to Structural Members; 2000 (2015)e1.
- C. ASTM E759/E759M - Standard Test Method for Effect of Deflection on Sprayed Fire-Resistive Material Applied to Structural Members; 1992 (Reapproved 2015).
- D. ASTM E760/E760M - Standard Test Method for Effect of Impact on Bonding of Sprayed Fire-Resistive Material Applied to Structural Members; 1992, with Editorial Revision (2015).
- E. ASTM E937/E937M - Standard Test Method for Corrosion of Steel by Sprayed Fire-Resistive Material (SFRM) Applied to Structural Members; 1993 (Reapproved 2015).

1.04 ADMINISTRATIVE REQUIREMENTS

- A. Coordinate with placement of ceiling hanger tabs, mechanical component hangers, and electrical components.
- B. Preinstallation Meeting: Convene one week before starting work of this section.

1.05 SUBMITTALS

- A. See Section 01 30 00 - Administrative Requirements, for submittals procedures.
- B. Product Data: Provide data indicating product characteristics.
- C. Manufacturer's Certificate: Certify that applied fireproofing products meet or exceed requirements of contract documents.
- D. Test Reports: Reports from reputable independent testing agencies for proposed products, indicating compliance with specified criteria, conducted under conditions similar to those on project, as follows:
 - 1. Bond strength.
 - 2. Bond impact.
 - 3. Compressive strength.
 - 4. Fire tests using substrate materials similar those on project.
- E. Manufacturer's Installation Instructions: Indicate special procedures.
- F. Field Quality Control Submittals: Submit field test report.
- G. Manufacturer's Certificate: Certify that sprayed-on fireproofing products meet or exceed requirements of contract documents.
- H. Manufacturer's Qualification Statement.
- I. Installer's Qualification Statement.

1.06 QUALITY ASSURANCE

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

- B. Installer Qualifications: Company specializing in performing work of the type specified in this section.

1.07 MOCK-UP

- A. Construct mock-up, 50 square feet in size.
- B. Comply with project requirements for fire ratings.
- C. Locate where directed.
- D. Examine installation within one hour of application to determine variances from specified requirements due to shrinkage, temperature, and humidity.
- E. Where shrinkage and cracking are evident, adjust mixture and method of application as necessary; remove materials and re-construct mock-up.
- F. Mock-up may remain as part of the Work.

1.08 FIELD CONDITIONS

- A. Do not apply fireproofing when temperature of substrate material and surrounding air is below 40 degrees F or when temperature is predicted to be below said temperature for 24 hours after application.
- B. Provide ventilation in areas to receive fireproofing during application and 24 hours afterward, to dry applied material.
- C. Provide temporary enclosure to prevent spray from contaminating air.
- D. Do not allow roof traffic during installation of roof fireproofing and drying period.
- E. Existing Building Conditions:
 - 1. Contractor shall examine the existing buildings to assess the integrity of the fireproofing in place. Any areas that do not have the required level of fireproofing shall be resprayed to bring the resulting fireproofing thickness up to code.
 - a. In particular, areas that have sustained demolition of ceiling mounted mechanical equipment, ductwork and chases are prone to have sustained some accidental removal of fireproofing during the demolition process.

1.09 WARRANTY

- A. See Section 01 78 00 - Closeout Submittals, for additional warranty requirements.
- B. Correct defective Work within a two year period after Date of Substantial Completion.
 - 1. Include coverage for fireproofing to remain free from cracking, checking, dusting, flaking, spalling, separation, and blistering.
 - 2. Reinstall or repair failures that occur within warranty period.

PART 2 PRODUCTS

2.01 MANUFACTURERS

- A. Applied Fireproofing:
 - 1. Carboline Company: www.carboline.com.
 - 2. GCP Applied Technologies: www.gcpat.com/#sle.
 - 3. Southwest Fireproofing Products Company: www.sfrm.com/#sle.
 - 4. Substitutions: See Section 01.25.00 – Substitution Procedures.

2.02 FIREPROOFING ASSEMBLIES

- A. Provide fire-rated assemblies as indicated on Drawings, or as noted below.
 - 1. Columns: 2 hours.
 - 2. Floor assemblies: 2 hours.
 - 3. Roof Assemblies: 1 hour.

2.03 MATERIALS

- A. Applied Fireproofing Material for Interior Applications, Concealed: Manufacturer's standard factory mixed material, which when combined with water is capable of providing indicated fire resistance, and complying with following requirements:
 - 1. Composition: Gypsum-based; not mineral-fiber-based.

2. Bond Strength: 150 pounds per square foot, minimum, when tested in accordance with ASTM E736/E736M when set and dry.
3. Dry Density: As required by fire resistance design.
4. Compressive Strength: 8.33 pounds per square inch, minimum.
5. Effect of Impact on Bonding: No cracking, spalling or delamination, when tested in accordance with ASTM E760/E760M.
6. Corrosivity: No evidence of corrosion, when tested in accordance with ASTM E937/E937M.
7. Surface Burning Characteristics: Maximum flame spread index of 0 (zero) and maximum smoke developed index of 0 (zero), when tested in accordance with ASTM E84.
8. Effect of Deflection: No cracking, spalling, or delamination, when tested in accordance with ASTM E759/E759M.

2.04 ACCESSORIES

- A. Primer Adhesive: Of type recommended by applied fireproofing manufacturer.
- B. Metal Lath: Expanded metal lath as required by UL; minimum 1.7 pounds per square foot, galvanized finish.
- C. Water: Clean, potable.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Verify that surfaces are ready to receive fireproofing.
- B. Verify that clips, hangers, supports, sleeves, and other items required to penetrate fireproofing are in place.
- C. Verify that ducts, piping, equipment, or other items that would interfere with application of fireproofing have not been installed.
- D. Verify that voids and cracks in substrate have been filled.
- E. Verify that projections have been removed where fireproofing will be exposed to view as a finish material.

3.02 PREPARATION

- A. Perform tests as recommended by fireproofing manufacturer in applications where adhesion of fireproofing to substrate is in question.
- B. Remove incompatible materials that could effect bond by scraping, brushing, scrubbing, or sandblasting.
- C. Prepare substrates to receive fireproofing in strict accordance with instructions of fireproofing manufacturer.
- D. Apply fireproofing manufacturer's recommended bonding agent on primed steel.
- E. Protect surfaces not scheduled for fireproofing and equipment from damage by overspray, fall-out, and dusting.
- F. Close off and seal duct work in areas where fireproofing is being applied.

3.03 APPLICATION

- A. Install metal lath over structural members as indicated or as required by UL Assembly Design Numbers.
- B. Apply primer adhesive in accordance with manufacturer's instructions.
- C. Apply fireproofing in uniform thickness and density as necessary to achieve required ratings.

3.04 FIELD QUALITY CONTROL

- A. Perform field inspection and testing in accordance with Section 01.40.00 - Quality Requirements.
- B. Inspect installed fireproofing after application and curing for integrity, prior to its concealment.
 1. Submit field test reports promptly to Contractor and Architect.
- C. Ensure that actual thicknesses, densities, and bond strengths meet requirements for specified ratings and requirements of authorities having jurisdiction (AHJ).
- D. Repair or replace applied fireproofing at locations where test results indicate fireproofing does not meet specified requirements.

- E. Re-inspect installed fireproofing for integrity of fire protection, after installation of subsequent Work.

3.05 CLEANING

- A. Remove excess material, overspray, droppings, and debris.
- B. Remove fireproofing from materials and surfaces not required to be fireproofed.

END OF SECTION 07.81.00

SECTION 07.92.00
JOINT SEALANTS

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Non sag gunnable joint sealants.
- B. Self-leveling pourable joint sealants.
- C. Joint backings and accessories.
- D. Acoustical joint filler and partition closure.

1.02 RELATED REQUIREMENTS

- A. Section 01.61.16 - Volatile Organic Compound (VOC) Content Restrictions: Additional requirements for sealants and primers.

1.03 REFERENCE STANDARDS

- A. ASTM C661 - Standard Test Method for Indentation Hardness of Elastomeric-Type Sealants by Means of a Durometer; 2006 (Reapproved 2011).
- B. ASTM C834 - Standard Specification for Latex Sealants; 2014.
- C. ASTM C919 - Standard Practice for Use of Sealants in Acoustical Applications; 2012.
- D. ASTM C920 - Standard Specification for Elastomeric Joint Sealants; 2014.
- E. ASTM C1193 - Standard Guide for Use of Joint Sealants; 2013.
- F. ASTM D2240 - Standard Test Method for Rubber Property--Durometer Hardness; 2005 (Reapproved 2010).
- G. SCAQMD 1168 - South Coast Air Quality Management District Rule No.1168; current edition.

1.04 SUBMITTALS

- A. See Section 01.30.00 - Administrative Requirements, for submittal procedures.
- B. Product Data for Sealants: Submit manufacturer's technical data sheets for each product to be used, that includes the following.
 - 1. Physical characteristics, including movement capability, VOC content, hardness, cure time, and color availability.
 - 2. List of backing materials approved for use with the specific product.
 - 3. Substrates that product is known to satisfactorily adhere to and with which it is compatible.
 - 4. Substrates the product should not be used on.
 - 5. Installation instructions, including precautions, limitations, and recommended backing materials and tools.
 - 6. Sample product warranty.
- C. Product Data for Accessory Products: Submit manufacturer's technical data sheet for each product to be used, including physical characteristics, installation instructions, and recommended tools.
- D. Color Cards for Selection: Where sealant color is not specified, submit manufacturer's color cards showing standard colors available for selection.
- E. Installation Plan: Submit at least four weeks prior to start of installation.

1.05 QUALITY ASSURANCE

- A. Maintain one copy of each referenced document covering installation requirements on site.
- B. Manufacturer Qualifications: Company specializing in manufacturing the products specified in this section with minimum three years documented experience.
- C. Installer Qualifications: Company specializing in performing the work of this section with minimum three years documented experience and approved by manufacturer.
- D. Installation Plan: Include schedule of sealed joints, including the following.
 - 1. Joint width indicated in contract documents.

2. Joint depth indicated in contract documents; to face of backing material at centerline of joint.

1.06 WARRANTY

- A. See Section 01.78.00 - Closeout Submittals, for additional warranty requirements.
- B. Correct defective work within a five year period after Date of Substantial Completion.
- C. Warranty: Include coverage for installed sealants and accessories that fail to achieve watertight seal, exhibit loss of adhesion or cohesion, or do not cure.

PART 2 PRODUCTS

2.01 MANUFACTURERS

- A. Non Sag Sealants: Permits application in joints on vertical surfaces without sagging or slumping.
 1. BASF Construction Chemicals-Building Systems (includes former Sonneborn): www.buildingsystems.basf.com.
 2. Momentive Performance Materials, Inc (formerly GE Silicones): www.momentive.com/#sle.
 3. Pecora Corporation: www.pecora.com/#sle.
 4. Tremco Global Sealants: www.tremcosealants.com.
 5. Substitutions: See Section 01.25.00 – Substitution Procedures.
- B. Self leveling Sealants: Pourable or self-leveling sealant that has sufficient flow to form a smooth, level surface when applied in a horizontal joint.
 1. BASF Construction Chemicals-Building Systems (includes former Sonneborn): www.buildingsystems.basf.com.
 2. Pecora Corporation: www.pecora.com/#sle.
 3. Tremco Global Sealants: www.tremcosealants.com.
 4. Substitutions: See Section 01.25.00 – Substitution Procedures.
- C. Acoustic Joint Filler and Partition Closure: Mass loaded sound, draft, heat, cold and dust blocking closure and filler for interior, non-moving joints and gaps.
 1. EmSeal Joint Systems; www.emseal.com.
 2. Substitutions: See Section 01.25.00 – Substitution Procedures.

2.02 JOINT SEALANT APPLICATIONS

- A. Scope:
 1. Exterior Joints: Seal open joints, whether or not the joint is indicated on drawings, unless specifically indicated not to be sealed. Exterior joints to be sealed include, but are not limited to, the following items.
 - a. Wall expansion and control joints.
 - b. Joints between door, window, and other frames and adjacent construction.
 - c. Joints between different exposed materials.
 - d. Openings below ledge angles in masonry.
 - e. Other joints indicated below.
 2. Do not seal the following types of joints.
 - a. Intentional weep holes in masonry.
 - b. Joints indicated to be treated with manufactured expansion joint cover or some other type of sealing device.
 - c. Joints where sealant is specified to be provided by manufacturer of product to be sealed.
 - d. Joints where installation of sealant is specified in another section.
 - e. Joints between suspended panel ceilings/grid and walls.
- B. Exterior Joints: Use non sag polyurethane sealant, unless otherwise indicated.

2.03 JOINT SEALANTS - GENERAL

- A. Sealants and Primers: Provide products with levels of volatile organic compound (VOC) content as indicated in Section 01.61.16.

2.04 NONSAG JOINT SEALANTS

- A. Polyurethane Sealant: ASTM C920, Grade NS, Uses M and A; single or multicomponent; not expected to withstand continuous water immersion or traffic.

1. Movement Capability: Plus and minus 25 percent, minimum.
2. Color: To be selected by Architect from manufacturer's custom range.
3. Products:
 - a. Pecora Corporation; DynaTrol I-XL General Purpose One Part Polyurethane Sealant: www.pecora.com/#sle.
 - b. Substitutions: See Section 01.25.00 – Substitution Procedures.

2.05 SELF-LEVELING SEALANTS

- A. Self-Leveling Polyurethane Sealant: ASTM C920, Grade P, Uses M and A; single component; explicitly approved by manufacturer for traffic exposure; not expected to withstand continuous water immersion .
 1. Movement Capability: Plus and minus 25 percent, minimum.
 2. Hardness Range: 35 to 55, Shore A, when tested in accordance with ASTM C661.
 3. Color: To be selected by Architect from manufacturer's standard range.
 4. Service Temperature Range: Minus 40 to 180 degrees F.
 5. Products:
 - a. Pecora Corporation; NR-200 Self-Leveling Traffic-Grade Polyurethane Sealant: www.pecora.com/#sle.
 - b. Substitutions: See Section 01.25.00 – Substitution Procedures.
- B. Semi-Rigid Self-Leveling Epoxy Joint Filler: Epoxy or epoxy/polyurethane copolymer; intended for filling cracks and control joints not subject to significant movement; rigid enough to support concrete edges under traffic.
 1. Composition: Single-component, 100 percent solids by weight.
 2. Hardness: Minimum of 85 (Shore A) or 35 (Shore D), when tested in accordance with ASTM D2240 after 7 days.
 3. Color: Concrete gray.
 4. Joint Width, Minimum: 1/8 inch.
 5. Products:
 - a. Dayton Superior Corporation; Pro-Poxy P606: www.daytonsuperior.com/#sle.
 - b. W.R. Meadows, Inc; Rezi-Weld Flex: www.wrmeadows.com/#sle.
 - c. Substitutions: See Section 01.25.00 – Substitution Procedures.

2.06 PRECOMPRESSED SECONDARY JOINT SEALANT

- A. Preformed sealant shall be preformed, pre-compressed, self-expanding, sealant system. Expanding foam to be cellular foam impregnated with a water-based, non-drying, polymer-modified 100% acrylic dispersion.
 1. Products:
 - a. Emseal Joint Systems; "Backerseal" secondary joint sealant; www.emseal.com.
 - b. Substitutions: See Section 01.25.00 – Substitution Procedures.
- B. Material shall be capable of movements of +25%, -25% (50% total) of nominal material size.

2.07 ACCESSORIES

- A. Backer Rod: Cylindrical cellular foam rod with surface that sealant will not adhere to, compatible with specific sealant used, and recommended by backing and sealant manufacturers for specific application.
- B. Backing Tape: Self-adhesive polyethylene tape with surface that sealant will not adhere to and recommended by tape and sealant manufacturers for specific application.
- C. Masking Tape: Self-adhesive, nonabsorbent, non-staining, removable without adhesive residue, and compatible with surfaces adjacent to joints and sealants.
- D. Joint Cleaner: Non-corrosive and non-staining type, type recommended by sealant manufacturer; compatible with joint forming materials.
- E. Primers: Type recommended by sealant manufacturer to suit application; non-staining.

2.08 ACOUSTIC JOINT FILLER AND PARTITION CLOSURE

- A. Mass loaded sound, draft, heat, cold and dust blocking closure and filler for interior, non-moving joints and gaps.
 1. Products:
 - a. Emseal Joint Systems; "QuietJoint" acoustic joint filler and partition closure; www.emseal.com.

- b. Substitutions: See Section 01.25.00 – Substitution Procedures.
- B. Product Characteristics:
 - 1. Acoustic seal to meet or exceed STC-53, OITC-38 per ASTM E-90.
 - 2. Fire-resistant face: Smoke and Flame Spread Class A per ASTM E-84-12.
 - 3. Insulation R-value: 2.85/in depth per ASTM C-518-04.
 - 4. Size: As required for application.
 - 5. Color: As selected by Architect from manufacturer standard colors.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Verify that joints are ready to receive work.
- B. Verify that backing materials are compatible with sealants.
- C. Verify that backer rods are of the correct size.

3.02 PREPARATION

- A. Remove loose materials and foreign matter that could impair adhesion of sealant.
- B. Clean joints, and prime as necessary, in accordance with manufacturer's instructions.
- C. Perform preparation in accordance with manufacturer's instructions and ASTM C1193.
- D. Mask elements and surfaces adjacent to joints from damage and disfigurement due to sealant work; be aware that sealant drips and smears may not be completely removable.

3.03 INSTALLATION

- A. Perform work in accordance with sealant manufacturer's requirements for preparation of surfaces and material installation instructions.
- B. Perform installation in accordance with ASTM C1193.
- C. Perform acoustical sealant application work in accordance with ASTM C919.
- D. Measure joint dimensions and size joint backers to achieve width-to-depth ratio, neck dimension, and surface bond area as recommended by manufacturer.
- E. Install bond breaker backing tape where backer rod cannot be used.
- F. Install sealant free of air pockets, foreign embedded matter, ridges, and sags, and without getting sealant on adjacent surfaces.
- G. Do not install sealant when ambient temperature is outside manufacturer's recommended temperature range, or will be outside that range during the entire curing period, unless manufacturer's approval is obtained and instructions are followed.
- H. Non sag Sealants: Tool surface concave, unless otherwise indicated; remove masking tape immediately after tooling sealant surface.
- I. Concrete Floor Joint Filler: After full cure, shave joint filler flush with top of concrete slab.

END OF SECTION 07.92.00

SECTION 08.33.10
ROLLING FIRE DOORS

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Rolling counter fire doors.

1.02 RELATED SECTIONS

- A. Section 05.50.00 - Metal Fabrications: Support framing and framed opening.
- B. Section 06.20.00 - Finish Carpentry: Wood jamb and head trim.
- C. Section 08.71.00 - Door Hardware: Product Requirements for cylinder core and keys.
- D. Section 09.91.23 – Interior Painting: Field applied finish.

1.03 REFERENCE STANDARDS

- A. ASTM A 653 - Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process.
- B. ASTM A 666 - Standard Specification for Austenitic Stainless Steel Sheet, Strip, Plate, and Flat Bar.
- C. ASTM A 924 - Standard Specification for General Requirements for Steel Sheet, Metallic-Coated by the Hot-Dip Process.
- D. NEMA 250 - Enclosures for Electrical Equipment (1000 Volts Maximum).
- E. NEMA MG 1 - Motors and Generators.
- F. NFPA-80 – Standard for Fire Doors and Fire Windows.

1.04 DESIGN/PERFORMANCE REQUIREMENTS

- A. Fire Rated Assemblies: Provide assemblies complying with NFPA 80 and listed in UL Directory.

1.05 SUBMITTALS

- A. Submit under provisions of Section 01.30.00.
- B. Product Data: Manufacturer's data sheets on each product to be used, including:
 - 1. Preparation instructions and recommendations.
 - 2. Storage and handling requirements and recommendations.
 - 3. Details of construction and fabrication.
 - 4. Installation methods.
- C. Shop Drawings: Include detailed plans and elevations, details of framing members, anchoring methods, clearances, hardware, and accessories.
- D. Selection Samples: For each finish product specified, two complete sets of color chips representing manufacturer's full range of available colors and patterns.
- E. Verification Samples: For each finish product specified, two samples, minimum size 6 inches (150 mm) long, representing actual product, color, and patterns.
- F. Manufacturer's Certificates: Certify products meet or exceed specified requirements.
- G. Operation and Maintenance Data: Submit lubrication requirements and frequency, and periodic adjustments required.

1.06 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Company specializing in performing Work of this section with a minimum of five years experience.
- B. Installer Qualifications: Installer Qualifications: Company approved by manufacturer, specializing in performing Work of this section with minimum three years experience, with IDEA Certified Installers and service technicians on staff.

1.07 DELIVERY, STORAGE AND HANDLING

- A. Store products in manufacturer's unopened packaging until ready for installation.
- B. Protect materials from exposure to moisture. Do not deliver until after wet work is complete and dry.
- C. Store materials in a dry, warm, ventilated weathertight location.

1.08 PROJECT CONDITIONS

- A. Maintain environmental conditions (temperature, humidity, and ventilation) within limits recommended by manufacturer for optimum results. Do not install products under environmental conditions outside manufacturer's absolute limits.

1.09 COORDINATION

- A. Coordinate Work with other operations and installation of adjacent materials to avoid damage to installed materials.

1.10 WARRANTY

- A. Manufacturer's Warranty: Provide manufacturer's two year limited warranty.

PART 2 PRODUCTS

2.01 MANUFACTURERS

- A. Acceptable Manufacturers:
 - 1. Overhead Door Corp., 2501 S. State Hwy. 121, Suite 200, Lewisville, TX 75067. ASD. Tel. Toll Free: (800) 275-3290. Phone: (469) 549-7100. Fax: (972) 906-1499. Web Site: www.overheaddoor.com. E-mail: info@overheaddoor.com.
 - 2. CornellCookson, LLC., 24 Elmwood Avenue, Mountain Top, PA 18707. Tele: 855-917-4756. Web Site: www.cornelliron.com.
 - 3. Raynor Garage Doors, 1101 East River Road, Dixon, IL 61021-0448. Tele: 800-472-9667. Web Site: www.raynor.com.
- B. Substitutions: See Section 01.25.00 – Substitution Procedures.

2.02 ROLLING COUNTER FIRE DOORS

- A. Basis of Design: Model 640 Counter Fire Doors, manufactured by Overhead Door Corp.
 - 1. Label: Provide rolling fire doors certified with the following listing.
 - a. UL or ULC 1-1/2-Hour Class B Label for installation in non-masonry walls, face mounted or between jambs.

2.03 PERFORMANCE REQUIREMENTS

- A. Curtain: Interlocking slats, Type F-158 fabricated of 22 gauge galvanized steel. Endlocks shall be attached to ends of alternate slats to maintain curtain alignment and prevent lateral slat movement.
- B. Finish:
 - 1. Galvanized Steel: Slats and hood galvanized steel to ASTM A 653 finished with a rust-inhibitive roll coating process, including bonderizing, a 0.2 mils thick baked prime paint, and a 0.6 mils thick baked top coat.
 - a. Powder Coat: Color as selected by Architect.
- C. Bottom Bar:
 - 1. Single steel angle bottom bar.
- D. Guides:
 - 1. Roll-formed black powder coated steel shapes.
- E. Brackets:
 - 1. Hot rolled steel to support counterbalance, curtain and hood.
- F. Finish; Bottom Bar, Guides, and Brackets:
 - a. Finish: Powdercoat finish, color as selected by Architect.
- G. Counterbalance: Helical torsion spring type. Counterbalance shall be housed in a steel tube or pipe barrel.
- H. Hood:
 - 1. Galvanized painted steel. Hood support provided for wall openings over 13 feet 6 inch (4.11 m) wide.

2. FM approved hood shall be equipped with thermally controlled, internal flame baffle.
3. Provide with exterior UL Listed, brush smoke seal.
- I. Manual Operation:
 1. Crank operation.
- J. Automatic Closure:
 - a. Standard Fire Door: UL approved release mechanism equipped with a 165 degree fusible link.
- K. Locking:
 1. Two interior bottom bar slide bolts for manually operated doors.
- L. Wall Mounting Condition:
 1. Face-of-wall mounting.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Verify opening sizes, tolerances and conditions are acceptable.
- B. Examine conditions of substrates, supports, and other conditions under which this work is to be performed.
- C. If substrate preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.

3.02 PREPARATION

- A. Clean surfaces thoroughly prior to installation.
- B. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.

3.03 INSTALLATION

- A. Install in accordance with manufacturer's instructions.
- B. Install rolling counter fire doors in compliance with requirements of NFPA 80. Test fire-release system and reset components after testing.
- C. Use anchorage devices to securely fasten assembly to wall construction and building framing without distortion or stress.
- D. Securely and rigidly brace components suspended from structure. Secure guides to structural members only.
- E. Fit and align assembly including hardware; level and plumb, to provide smooth operation.
- F. Coordinate installation of electrical service with Section 16150. Complete wiring from disconnect to unit components.
- G. Install and test release device(s) in accordance with the manufacturer's instructions and in compliance with applicable regulations and codes of the local authority having jurisdiction.
- H. Coordinate installation of sealants and backing materials at frame perimeter as specified in Section 07.90.00.
- I. Install perimeter trim and closures.

3.04 ADJUSTING

- A. Test for proper operation and adjust as necessary to provide proper operation without binding or distortion.
- B. Release device(s) shall be tested and witnessed for proper operation with the door manufacturer recommendations
- C. Adjust hardware and operating assemblies for smooth and noiseless operation.

3.05 FIELD QUALITY CONTROL

- A. Functional testing of fire door and window assemblies shall be performed by IDEA Certified personnel with knowledge and understanding of the operating components of the type of door being subject to testing.

3.06 CLEANING

- A. Clean curtain and components using non-abrasive materials and methods recommended by manufacturer.
- B. Remove labels and visible markings.
- C. Touch-up, repair or replace damaged products before Substantial Completion.

3.07 PROTECTION

- A. Protect installed products until completion of project.

END OF SECTION 08.33.10

SECTION 26 32 13
EMERGENCY STANDBY ENGINE GENERATOR SYSTEM

PART 1 GENERAL

1.01 WORK INCLUDED

- A. This specification defines requirements for an emergency standby engine/generator system to be installed as per plans and specifications. System shall provide for completely automatic unattended operation, for the duration of any loss of normal utility power. System to be capable of reaching operating range within 10 seconds of initial start signal (NFPA 99, Chapter 3). Unit shall be of a continuous standby KW/KVA capacity as shown on plans. System voltage to be 480/277-volts, 3-phase, 4-wire, 60 Hz., .8 power factor.
- B. Full service responsibility for satisfactory operation and performance of this system shall rest with Division 26 contractor supplying the emergency power system. Engine/generator to be furnished with all necessary features and options to comprise a complete operable system when installed as per manufacturers' recommendations.
- C. Unit to meet requirements of NFPA-99 and NFPA-110.
- D. Warranty to be furnished on all equipment covered by specifications for a period of one (1) year from date of Owner's acceptance of equipment. Warranty to cover all components and consist of repair and/or replacement of all parts judged defective due to faulty material or workmanship, at no charge to the Owner.
- E. Unit to be equipped for indoor installation as shown on drawings.

1.02 SUBMITTALS

- A. Contractor shall provide as part of submittal data: Complete, composite electrical and mechanical drawings indicating control wiring routing, quantity and size, as well as size and suggested routing of coolant, fuel lines and exhaust lines. If options or special equipment other than those specified below are required, they shall be included in the submittals.

PART 2 PRODUCTS

2.01 ACCEPTABLE MANUFACTURERS/EQUIPMENT

- A. Emergency generator shall be by Caterpillar, Kohler, Cummins, **Generac** or MTU Onsite Energy.

2.02 ENGINE

- A. Engine shall be full diesel, compression ignition, liquid-cooled, domestically manufactured and capable of producing the rated KW at a governed speed of 1800 rpm as specified under job site conditions. Engine to be equipped with electric starting, battery charging generator, electronic governor, fuel filters, oil filters, air cleaners, cooling system, and other equipment to provide a complete operable system. Selling distributor to be a factory authorized distributor of the diesel engine utilized in the standby engine generator system.

2.03 COOLING

- A. Engine shall be cooled by plant mounted radiator with engine driven fan, jacket water pump, and fan guard.
- B. Radiator shall be equipped with air discharge duct adaptor and air shall be directed to the outside through duct system as indicated on drawings. Flexible canvas connections shall be installed between radiator duct adaptor and duct. Radiator duct and flexible connection shall be furnished and installed by Division 23. Damper in wall shall be gravity type and shall be a minimum of 1.5 times area of radiator.
- C. Engine shall be equipped with thermostatically controlled water jacket heater to maintain minimum 80 degrees F. water jacket temperature under ambient conditions. Vendor shall consult with and coordinate special extreme cold weather needs with Electrical Engineer.
- D. Complete cooling system shall be filled with anti-freeze coolant (0 degrees F. or less as required by the extreme of local weather conditions) supplied by the vendor at start-up.

2.04 SILENCERS AND BATTERIES

- A. Furnish and install critical zone exhaust silencer. VEE-type engines shall have dual inlet, single outlet. The silencer shall be as recommended by the manufacturer for hospital installations. Condensate trap, pet cock drain shall be installed in the silencer. A flexible section, 36 inches minimum, shall be provided between the engine exhaust manifold and the silencer. This section shall be carbon steel bellows type. All exhaust system fittings shall be flanged n.p.t. connections. The silencer shall be provided with mounting brackets for ceiling suspension. The silencer shall be installed from the equipment room ceiling in a horizontal position.
- B. Engine/generator manufacturer shall specify exhaust line size required for acceptable back pressure. Exhaust line shall be Schedule 40 pipe and be connected to engine manifold through seamless, flexible, carbon steel bellows type connection. Exhaust systems installed inside structure shall be fully insulated (under Division 23) and lines passing through walls shall pass through sleeves.
- C. Provide starting batteries capable of starting unit in time specified under installed conditions and capable of 60-seconds of engine cranking. Batteries to be installed in steel, insulated rack(s).
- D. Battery heater pads to be furnished on outdoor installations.
- E. Provide batteries of the heavy-duty lead acid type (maintenance-free batteries not acceptable), Group 8 shipped dry with electrolyte installed at start-up.
- F. Provide an automatic battery charger. Charger shall operate on 120-volt input and shall be a.c. line compensated. Input and output shall be fused. Charger shall provide continuous taper charging and provide float and equalize function. Charger shall be in NEMA-1 cabinet and equipped with d.c. ammeter, d.c. voltmeter, high/float switch, and low d.c. voltage alarm relay. Minimum continuous d.c. output shall be 10 amperes.

2.05 FUEL TANKS

- A. Fuel Tank: Provide a 1500 gallon underground fuel tank and associated fuel line connections.

2.06 GENERATOR

- A. Alternator shall be four pole revolving field, twelve lead, reconnectable, single bearing, brushless type.
- B. Entire insulation system shall be Class F or better and temperature rise to be within NEMA MG-1-22.40 for all nameplate voltages at full rated load.
- C. All load connections shall be made up in rear mount junction box. Generator construction to allow load connections to be made on top, bottom or either side of junction box.
- D. Rotating rectifier shall employ three phase sensing. Voltage regulation shall be plus or minus 1% from no load to full load with steady state modulation of 1/2%. Voltage regulator shall be static-type and a voltage adjusting rheostat to be furnished in the control panel. Voltage change to not exceed 15% upon application of full rated load with recovery to steady state conditions within 1-second. Frequency regulation by engine governor to be within 1% steady state with a maximum 2% drop, no load to full load. Generator/regulator system shall be capable of producing 250% of a full load rated current for a minimum of 10 seconds under a three phase short circuit.
- E. Provide a line circuit breaker on generator output, 3-pole, molded case, frame size shall be approximately 125% of full load capacity with trip setting at full load capacity (unless otherwise indicated on plans).
- F. Provide ground fault sensing at the generator output terminals. This sensor to annunciate at the generator-mounted control panel and remote annunciator.

2.07 GENERATOR CONTROL PANEL

- A. Generator control panel shall be NEMA-1, dead front construction and includes following:
 - 1. A.C. ammeter (2%), with phase selector switch.
 - 2. A.C. voltmeter (2%), with phase selector switch.
 - 3. Frequency meter.
 - 4. Elapsed time meter.
 - 5. Panel illumination lamps.
 - 6. Voltage adjusting rheostat.
 - 7. Governor speed control switch.
 - 8. Automatic start/stop control (solid state, cycle crank, four cycles of 10-seconds rest).
 - 9. Mode selector switch for "off", "manual", "automatic", "test."

10. Automatic engine shutdown with indicating lamps to indicate that a shut-down took place for:
 - a. "excessive engine temperature."
 - b. "low oil pressure."
 - c. "overcrank" (failed to start).
 - d. "overspeed."
11. Red lamp to function when mode selector switch is in a position other than "automatic."
12. Adjustable timer shall provide up to 30-minute unload running of engine after automatic transfer switch returns to normal. Factory to preset timer to 5 minutes unload time.
13. Engine oil pressure gauge.
14. Engine water temperature gauge.
15. Battery charging ammeter.
16. A sensor device, plus visual warning device with alarm horn and silence switch indicating "low fuel level", "low water temperature" and visual pre-shutdown alarms for "low oil pressure", "high water temperature", and "ground fault".
17. Generator control panel shall be shock mounted on unit unless otherwise shown on drawings.

2.08 REMOTE ANNUNCIATOR

- A. Provide solid state remote annunciator panel, storage battery powered, shall comply with NFPA 110.
- B. Panel shall be mounted where shown on drawings to include indicating lamps with alarm horn and silence switch for:
 1. Low oil pressure pre-alarm (shutdown).
 2. Battery charger malfunction.
 3. Low water temperature (warning).
 4. Excessive engine temperature (shutdown).
 5. Low fuel level (main tank).
 6. Overspeed shutdown.
 7. Overcrank shutdown (failed to start).
 8. Ground fault (warning).
 9. Indicating lamps only for generator carrying load and generator running.
 10. Red lamp to indicate when mode selector switch is in a position other than "automatic".

PART 3 EXECUTION

3.01 INSTALLATION REQUIREMENTS

- A. Entire unit shall be installed in accordance with manufacturers' recommendations.
- B. Mounting: Complete engine/generator and all mounted accessories shall be assembled on a common channel steel base. Fuel oil lines and lube oil drain shall terminate in base. Lube oil drain line shall be brought out to beyond the base to facilitate changing of the oil. Flexible fuel line sections (18" long) to be installed between base and fuel lines. Heavy-duty, steel spring vibration isolators shall be installed between the base and mounting pad. Isolators shall be sized and located as recommended by generator manufacturer.
- C. Contractor shall provide the services of a factory-trained engineer for periodic job site visits during installation to ensure that the system is being installed in accordance with manufacturers' recommendations.
- D. Complete engine/generator system shall be tested after installation to ensure that the engine/generator, automatic transfer switch, alarm annunciators, and all other equipment function in accordance with the specifications.
- E. After Owner acceptance, Contractor and/or vendor, shall conduct a minimum 4-hour training session in operation and maintenance for Owner's personnel. After installation, a 4-hour full load test shall be conducted by the distributor's engineer. This test shall be conducted using available building load, plus temporary load bank capacity so that full nameplate reading is utilized during test. Temporary load banks shall be furnished by generator distributor and connected by Division 26 contractor. Test data shall be recorded and become a part of the three (3) Owners Manuals to be supplied.
- F. Contractor shall receive, store, uncrate and temporarily connect resistive type load(s) furnished by the generator supplier for full-load testing of the system. After completion of this testing, the Contractor shall disconnect, crate and load for shipment, the temporary load banks.

- G. Ground the engine generator frame and enclosure using an equipment grounding conductor sized in accordance with the NEC. Do not ground generator neutral.

END OF SECTION

**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: 263213
- 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 manufacturers are Caterpillar, Kohler, Cummins, or MTU Onsite Energy.
- 2) Catalog No.: _____
- 3) Manufacturer: _____
- b. Data Relative to Proposed Substitution
- 1) Name, Brand: Generac
- 2) Catalog No.: SD600
- 3) Manufacturer: _____
- c. Significant variations, including elements such as size, weight, durability, performance, and visual effect:
- No significant deviations. Product meets all specifications.
- Product uses a Perkins/Caterpillar engine.
3. Proposed change in Contract Sum:
- Credit to Owner \$ _____
- Additional Cost to Owner \$ No additional cost to owner. Approval would provide competitive bid.
4. Effect of the proposed substitution of the Work:
- Contract Time None / Improved Lead Time
- Changes or Modifications required to Other Parts of the Work: None

Changes or Modifications required to Other Contracts: None

5. Reason for Substitution Request:


Generac product is equivalent or superior to other listed manufacturers. Approval would
provide 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 2/9/2021

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



2/16/21

McCarty Holsaple McCarty, Inc.
I.C. Thomasson Associates, Inc.

Date

END OF SECTION 01.25.01

SD600 | 18.1L | 600 kW

INDUSTRIAL DIESEL GENERATOR SET

EPA Certified Stationary Emergency

Standby Power Rating

600 kW, 750 kVA, 60 Hz

Prime Power Rating*

540 kW, 675 kVA, 60 Hz

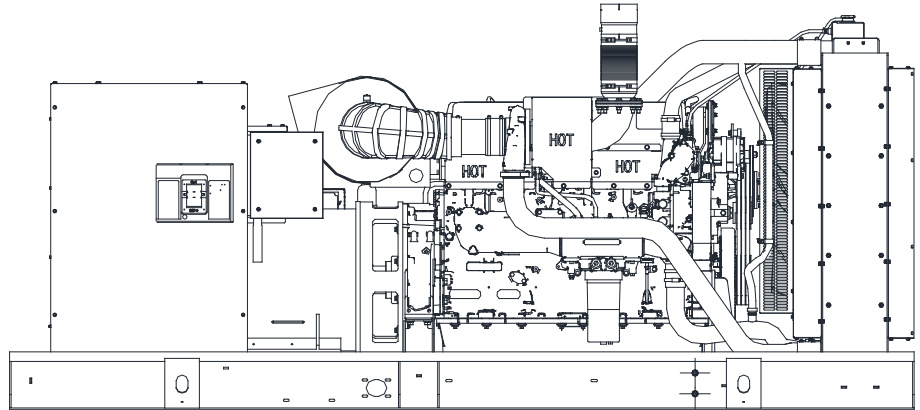



Image used for illustration purposes only




*EPA Certified Prime ratings are not available in the US or its Territories

Codes and Standards


Not all codes and standards apply to all configurations. Contact factory for details.


 UL2200, UL6200, UL1236, UL489, UL142


 CSA C22.2, ULC S601


 BS5514 and DIN 6271

 SAE J1349


 NFPA 37, 70, 99, 110

 NEC700, 701, 702, 708

 ISO 3046, 7637, 8528, 9001

 NEMA ICS10, MG1, 250, ICS6, AB1

 ANSI C62.41

 IBC 2009, CBC 2010, IBC 2012, ASCE 7-05, ASCE 7-10, ICC-ES AC-156 (2012)

Powering Ahead

For over 60 years, Generac has provided innovative design and superior manufacturing.

Generac ensures superior quality by designing and manufacturing most of its generator components, including alternators, enclosures and base tanks, control systems and communications software.

Generac gensets utilize a wide variety of options, configurations and arrangements, allowing us to meet the standby power needs of practically every application.

Generac searched globally to ensure the most reliable engines power our generators. We choose only engines that have already been proven in heavy-duty industrial applications under adverse conditions.

Generac is committed to ensuring our customers' service support continues after their generator purchase.

STANDARD FEATURES

ENGINE SYSTEM

- Oil Drain Extension
- Heavy Duty Air Cleaner
- Level 1 Fan and Belt Guards (Open Set Only)
- Stainless Steel Flexible Exhaust Connection
- Critical Silencer (Enclosed Units Only)
- Factory Filled Oil and Coolant
- Radiator Duct Adapter (Open Set Only)

Fuel System

- Primary Fuel Filter
- Secondary Fuel Filter

Cooling System

- Closed Coolant Recovery System
- UV/Ozone Resistant Hoses
- Factory-Installed Radiator
- 50/50 Ethylene Glycol Antifreeze
- Radiator Drain Extension

Electrical System

- Battery Charging Alternator
- Battery Cables
- Battery Tray
- Rubber-Booted Engine Electrical Connections
- Solenoid Activated Starter Motor

ALTERNATOR SYSTEM

- UL2200 GENprotect™
- 12 Leads (3-Phase, Non 600V)
- Class H Insulation Material
- Vented Rotor
- 2/3 Pitch
- Skewed Stator
- Auxiliary Voltage Regulator Power Winding
- Amortisseur Winding
- Permanent Magnet Excitation
- Sealed Bearings
- Automated Manufacturing (Winding, Insertion, Lacing and Varnishing)
- Full Load Capacity Alternator
- Protective Thermal Switch

GENERATOR SET

- Internal Genset Vibration Isolation
- Separation of Circuits - High/Low Voltage
- Separation of Circuits - Multiple Breakers
- Wrapped Exhaust Piping (Enclosed Units Only)
- Standard Factory Testing
- 2 Year Limited Warranty (Standby Rated Units)
- 1 Year Limited Warranty (Prime Rated Units)
- Silencer Mounted in the Discharge Hood (Enclosed Units Only)

ENCLOSURE (If Selected)

- Rust-Proof Fasteners with Nylon Washers to Protect Finish
- High Performance Sound-Absorbing Material (Sound Attenuated Enclosures)
- Gasketed Doors
- Upward Facing Discharge Hoods (Radiator and Exhaust)
- Stainless Steel Lift Off Door Hinges
- Stainless Steel Lockable Handles
- RhinoCoat™ - Textured Polyester Powder Coat Paint

FUEL TANKS (If Selected)

- UL 142/ULC S601
- Double Wall
- Vents
- Sloped Top
- Sloped Bottom
- Factory Pressure Tested (2 psi)
- Rupture Basin Alarm
- Fuel Level
- Check Valve in Supply and Return Lines
- RhinoCoat™ - Textured Polyester Powder Coat Paint

CONTROL SYSTEM



Digital H Control Panel- Dual 4x20 Display

Program Functions

- Programmable Crank Limiter
- 7-Day Programmable Exerciser
- Special Applications Programmable Logic Controller
- RS-232/485 Communications
- All Phase Sensing Digital Voltage Regulator
- 2-Wire Start Capability
- Date/Time Fault History (Event Log)
- Isochronous Governor Control
- Waterproof/Sealed Connectors
- Audible Alarms and Shutdowns
- Not in Auto (Flashing Light)

- Auto/Off/Manual Switch
- E-Stop (Red Mushroom-Type)
- **NFPA 110 Level I and II (Programmable)**
- Customizable Alarms, Warnings, and Events
- Modbus® Protocol
- Predictive Maintenance Algorithm
- Sealed Boards
- Password Parameter Adjustment Protection
- Single Point Ground
- 16 Channel Remote Trending
- 0.2 msec High Speed Remote Trending
- Alarm Information Automatically Annunciated on the Display

Full System Status Display

- Power Output (kW)
- Power Factor
- kW Hours, Total, and Last Run
- Real/Reactive/Apparent Power
- All Phase AC Voltage
- All Phase Currents
- Oil Pressure
- Coolant Temperature
- Coolant Level
- Engine Speed
- Battery Voltage
- Frequency

Alarms and Warnings

- Oil Pressure
- Coolant Temperature
- Coolant Level
- Engine Overspeed
- Battery Voltage
- Alarms and Warnings Time and Date Stamped
- Snap Shots of Key Operation Parameters During Alarms and Warnings
- Alarms and Warnings Spelled Out (No Alarm Codes)

CONFIGURABLE OPTIONS

ENGINE SYSTEM

- Oil Heater
- **Critical Grade Silencers (Open Set Only)**
- Level 1 Fan and Belt Guards (Enclosed Units Only)
- Radiator Stone Guard (Open Set Only)

ELECTRICAL SYSTEM

- **10A UL Listed Battery Charger**
- Battery Warmer

ALTERNATOR SYSTEM

- Alternator Upsizing
- Anti-Condensation Heater

CIRCUIT BREAKER OPTIONS

- **Main Line Circuit Breaker**
- **2nd Main Line Circuit Breaker**
- Shunt Trip and Auxiliary Contact
- Electronic Trip Breaker

GENERATOR SET

- 12 Position Load Center
- Extended Factory Testing

ENCLOSURE

- Weather Protected Enclosure
- Level 1 Sound Attenuated
- Level 2 Sound Attenuated
- Level 2 Sound Attenuated with Motorized Dampers
- Steel Enclosure
- Aluminum Enclosure
- IBC Seismic Certification
- Up to 200 MPH Wind Load Rating (Contact Factory for Availability)
- AC/DC Enclosure Lighting Kit
- Enclosure Heater (with Motorized Dampers Only)

CONTROL SYSTEM

- **NFPA 110 Compliant 21-Light Remote Annunciator**
- Remote Relay Panel (8 or 16)
- Ground Fault Annunciator
- **10A Engine Run Relay**
- **120V GFCI and 240V Outlets**
- Oil Temperature Indication and Alarm
- **Remote E-Stop (Break Glass-Type, Surface Mount)**
- Remote E-Stop (Red Mushroom-Type, Surface Mount)
- Remote E-Stop (Red Mushroom-Type, Flush Mount)
- Damper Alarm Contacts (with Motorized Dampers Only)
- 100 dB Alarm Horn

WARRANTY (Standby Gensets Only)

- **2 Year Extended Limited Warranty**
- 5 Year Limited Warranty
- 5 Year Extended Limited Warranty
- 7 Year Extended Limited Warranty
- 10 Year Extended Limited Warranty

ENGINEERED OPTIONS

ENGINE SYSTEM

- Fluid Containment Pan
- Coolant Heater Ball Valves

CIRCUIT BREAKERS

- 3rd Breaker Systems

CONTROL SYSTEM

- Spare Inputs (x4) / Outputs (x4)

GENERATOR SET

- Special Testing
- Battery Box

ENCLOSURE

- Door Open Alarm Switch

FUEL TANKS

- Overfill Protection Valve
- UL 2085 Tank
- Stainless Steel Tank
- Special Fuel Tanks
- Vent Extensions
- 5 Gallon Spill Containment Box
- Dealer Supplied AHJ Requirements

APPLICATION AND ENGINEERING DATA

ENGINE SPECIFICATIONS

Perkins is a wholly owned Caterpillar company. See EPA certification on sheet 49

General

Make	Perkins
Cylinder #	6
Type	In-Line
Displacement - In ³ (L)	1,106.36 (18.13)
Bore - in (mm)	5.71 (145)
Stroke - in (mm)	7.20 (183)
Compression Ratio	14.5:1
Intake Air Method	Turbocharged/Aftercooled
Cylinder Head Type	4-Valve
Piston Type	Aluminum
Crankshaft Type	I-Beam Section

Engine Governing

Governor	Electronic Isochronous
Frequency Regulation (Steady State)	±0.25%

Lubrication System

Oil Pump Type	Gear Driven
Oil Filter Type	Full Flow
Crankcase Capacity - qt (L)	47.55 (45)

Cooling System

Cooling System Type	Centrifugal
Fan Type	Pusher
Fan Speed - RPM	1,439
Fan Diameter - in (mm)	38 (965)

Fuel System

Fuel Type	Ultra Low Sulfur Diesel #2
Carburetor	ASTM
Fuel Filtering (Microns)	Primary 10 - Secondary 2
Fuel Inject Pump	Electronic
Injector Type	MEUI
Engine Type	Pre-Combustion
Fuel Supply Line - in (mm)	0.5 (12.7) NPT
Fuel Return Line - in (mm)	0.5 (12.7) NPT

Engine Electrical System

System Voltage	24 VDC
Battery Charger Alternator	70 A
Battery Size	See Battery Index 0161970SBY
Battery Voltage	(2) - 12 VDC
Ground Polarity	Negative

ALTERNATOR SPECIFICATIONS

Standard Model	K0792124Y23
Poles	4
Field Type	Revolving
Insulation Class - Rotor	H
Insulation Class - Stator	H
Total Harmonic Distortion	<3%
Telephone Interference Factor (TIF)	<50

Standard Excitation	Permanent Magnet
Bearings	Single Sealed Cartridge
Coupling	Direct via Flexible Disc
Prototype Short Circuit Test	Yes
Voltage Regulator Type	Digital
Number of Sensed Phases	All
Regulation Accuracy (Steady State)	±0.25%

OPERATING DATA

POWER RATINGS - DIESEL

		Standby
Three-Phase 120/208 VAC @0.8pf	600 kW	Amps: 2,082
Three-Phase 120/240 VAC @0.8pf	600 kW	Amps: 1,804
Three-Phase 277/480 VAC @0.8pf	600 kW	Amps: 902
Three-Phase 346/600 VAC @0.8pf	600 kW	Amps: 722

MOTOR STARTING CAPABILITIES (skVA)

skVA vs. Voltage Dip			
277/480 VAC	30%	208/240 VAC	30%
K0792124Y23	2,250	K0792124Y23	2,130
K0832124Y23	2,800	K0832124Y23	2,090

FUEL CONSUMPTION RATES*

Fuel Pump Lift - ft (m)	Diesel - gph (Lph)	
	Percent Load	Standby
12 (3.7)	25%	18.4 (69.7)
	50%	28.2 (88.7)
Total Fuel Pump Flow (Combustion + Return) gph (Lph)	75%	35.6 (124.8)
121 (457)	100%	41.4 (156.7)

* Fuel supply installation must accommodate fuel consumption rates at 100% load.

COOLING

		Standby
Coolant Flow	gpm (Lpm)	114.1 (432)
Coolant System Capacity	gal (L)	15.5 (58.6)
Heat Rejection to Coolant	BTU/hr (kW)	1,589,760 (466)
Air Flow (Fan Air Flow Across Radiator) - Open Set	cfm (m ³ /min)	30,088 (852)
Maximum Operating Ambient Temperature	°F (°C)	122 (50)
Maximum Operating Ambient Temperature (Before Derate)	See Bulletin No. 0199280SSD	
Maximum Additional Radiator Backpressure	in H ₂ O (kPa)	0.5 (0.12)

COMBUSTION AIR REQUIREMENTS

	Standby
Flow at Rated Power - cfm (m ³ /min)	1,836 (52)

ENGINE

EXHAUST

ENGINE			EXHAUST		
		Standby			Standby
Rated Engine Speed	RPM	1,800	Exhaust Flow (Rated Output)	cfm (m ³ /min)	5,085 (144)
Horsepower at Rated kW**	hp	909	Maximum Allowable Exhaust Backpressure (Post Silencer)	inHg (kPa)	2.13 (6.9)
Piston Speed	ft/min (m/min)	2,161 (659)	Exhaust Temperature (Rated Output - Post Turbo)	°F (°C)	1,155 (624)
BMEP	psi (kPa)	361 (2,489)			

** Refer to "Emissions Data Sheet" for maximum bHP for EPA and SCAQMD permitting purposes.

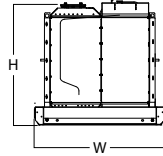
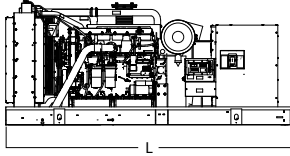
Deration – Operational characteristics consider maximum ambient conditions. Derate factors may apply under atypical site conditions.

Please contact a Generac Power Systems Industrial Dealer for additional details. All performance ratings in accordance with ISO3046, BS5514, ISO8528, and DIN6271 standards.

Standby - See Bulletin 0187500SSB

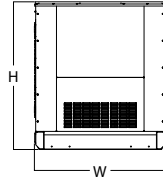
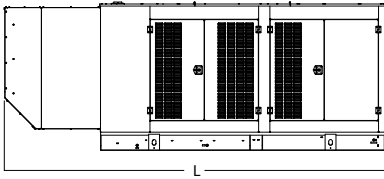
Prime - See Bulletin 0187510SSB

DIMENSIONS AND WEIGHTS*



OPEN SET

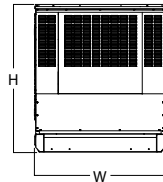
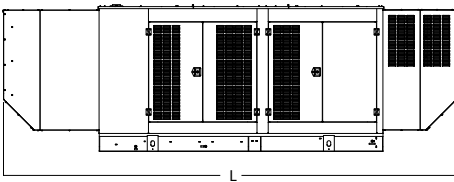
Run Time - Hours	Usable Capacity - Gal (L)	L x W x H - in (mm)	Weight - lbs (kg)
No Tank	-	154.4 (3,923) x 71.0 (1,803) x 67.5 (1,715)	8,520 - 10,778 (3,464 - 4,889)
8	334 (1,264)	158.5 (4,025) x 71.0 (1,803) x 81.5 (2,071)	10,195 - 12,453 (4,224 - 5,649)
24	1,001 (3,789)	158.5 (4,025) x 71.0 (1,803) x 103.5 (2,629)	11,120 - 13,378 (4,643 - 6,068)
24	1,001 (3,789)	228.0 (5,791) x 71.0 (1,803) x 92.5 (2,350)	11,670 - 13,928 (4,893 - 6,318)
48	2,002 (7,578)	290.0 (7,366) x 71.0 (1,803) x 103.5 (2,629)	13,370 - 15,628 (5,664 - 7,089)



WEATHER PROTECTED ENCLOSURE

Run Time - Hours	Usable Capacity - Gal (L)	L x W x H - in (mm)	Weight (Enclosure Only) - lbs (kg)
No Tank	-	207.4 (5,268) x 71.0 (1,800) x 80.0 (2,032)	
8	334 (1,264)	207.4 (5,268) x 71.0 (1,800) x 94.0 (2,388)	
24	1,001 (3,789)	207.4 (5,268) x 71.0 (1,800) x 116.0 (2,946)	
24	1,001 (3,789)	228.0 (5,791) x 71.0 (1,800) x 105.0 (2,667)	
48	2,002 (7,578)	290.0 (7,366) x 71.0 (1,800) x 116.0 (2,946)	

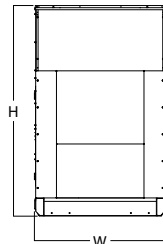
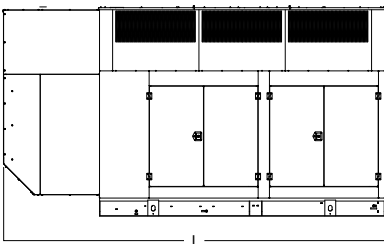
Steel: 2,267 (1,129)
Aluminum: 1,180 (536)



LEVEL 1 SOUND ATTENUATED ENCLOSURE

Run Time - Hours	Usable Capacity - Gal (L)	L x W x H - in (mm)	Weight (Enclosure Only) - lbs (kg)
No Tank	-	247.5 (6,285) x 71.0 (1,800) x 80.0 (2,032)	
8	334 (1,264)	247.5 (6,285) x 71.0 (1,800) x 94.0 (2,388)	
24	1,001 (3,789)	247.5 (6,285) x 71.0 (1,800) x 116.0 (2,946)	
24	1,001 (3,789)	247.5 (6,285) x 71.0 (1,800) x 105.0 (2,667)	
48	2,002 (7,578)	290.0 (7,366) x 71.0 (1,800) x 116.0 (2,946)	

Steel: 3,273 (1,485)
Aluminum: 1,613 (732)



LEVEL 2 SOUND ATTENUATED ENCLOSURE

Run Time - Hours	Usable Capacity - Gal (L)	L x W x H - in (mm)	Weight (Enclosure Only) - lbs (kg)
No Tank	-	207.4 (5,268) x 71.0 (1,800) x 114.1 (2,899)	
8	334 (1,264)	207.4 (5,268) x 71.0 (1,800) x 128.1 (3,255)	
24	1,001 (3,789)	207.4 (5,268) x 71.0 (1,800) x 150.1 (3,813)	
24	1,001 (3,789)	228.0 (5,791) x 71.0 (1,800) x 139.1 (3,534)	
48	2,002 (7,578)	290.0 (7,366) x 71.0 (1,800) x 150.1 (3,813)	

Steel: 3,610 (1,638)
Aluminum: 1,758 (798)

* All measurements are approximate and for estimation purposes only.

YOUR FACTORY RECOGNIZED GENERAC INDUSTRIAL DEALER

Specification characteristics may change without notice. Dimensions and weights are for preliminary purposes only. Please contact a Generac Power Systems Industrial Dealer for detailed installation drawings.

H-100 CONTROL PANEL



The Quiet-Test™ H-100 Control Panel is a digital microprocessor electronic controller that integrates all engine and transfer switch functions into a single control system.

- Digital Controls for All Safety Shutdowns
- Isochronous Governor Control
- Digital 3 Phase Sensing Voltage Regulator
- Sealed Digital Circuit Board
- Mates with HTS Transfer Switch and Any 2-wire Start ATS
- Alarm and Event Logging
- Built-in Diagnostics
- Internal PLC

Features

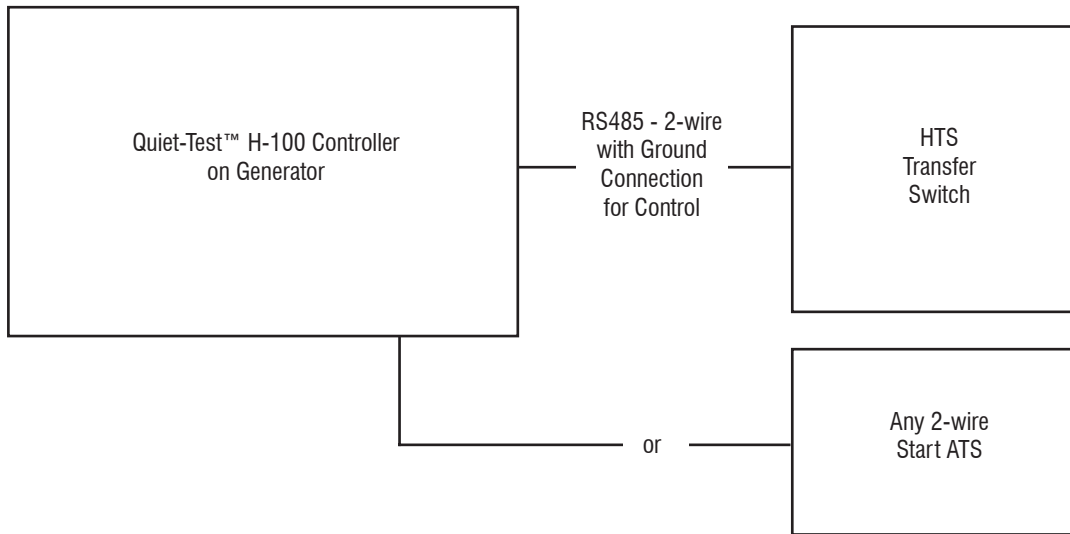
- Two 4-line x 20 Displays
- Full System Status
- 3 Phase Sensing Digital Voltage Regulator
- Remote Ports
 - RS232
 - RS485
 - CANbus
- Waterproof Connections
- Built -in PLC
- Full Range Standby Operation
- Full System Status
 - 3 Phase AC Volts
 - 3 Phase Amps
 - kW
 - Power Factor
 - Reactive Power
 - Oil Pressure
 - Water Temperature
 - Water Level
 - Oil Temperature (Optional)
 - Fuel Pressure
 - Engine Speed
 - Battery Voltage
 - Alternator Frequency
 - Time
 - Date
 - Transfer Switch Status
 - Run Hours
 - Service Reminders
 - Trending
 - Fault History (Alarm Log)
 - I²T Function for Full Generator Protection
- Shutdowns
 - Overvoltage
 - Overspeed
 - Low Oil Pressure
 - High Coolant Temperature
 - Low Coolant Level
- Remote Communications
- Configurable to NFPA 110, Level 1 or 2
- Programmable Auto Crank
- Emergency Stop
- On/Off/Manual Switch
- Not in Auto Flashing Light
- Audible Alarm for Fault Condition
- Transfer Switch Logic Communicates with HTS Transfer Switch
- Selectable Low Speed Exercise
- Temperature Range: -40° to +70°C

The generator set parameters can be manipulated and monitored without standing in front of the control panel with GenLink® software. The Generac H-100 control panel also monitors and controls transfer switch functions when used with the HTS transfer switch.

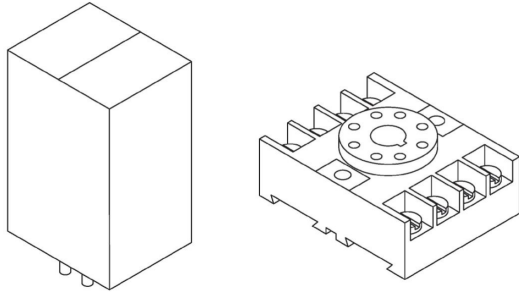
- Monitors Utility Voltage
- Monitors Generator Voltage
- Timer for Line Interrupt Delay
- Timer for Engine Warmup
- Timer for Minimum Engine Run Time
- Timer for Return to Utility Position
- Timer for Engine Cooldown
- Built-in Exerciser Timer (7 Day)
- Additional 2-wire Start Controls for Any 2-wire Transfer Switch

H-100 CONTROL PANEL

Typical Control Connection



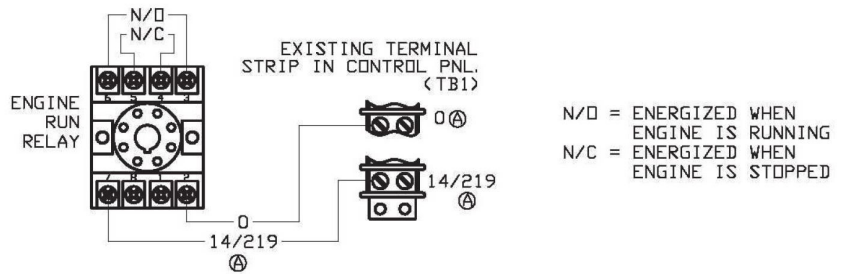
ENGINE RUN RELAY



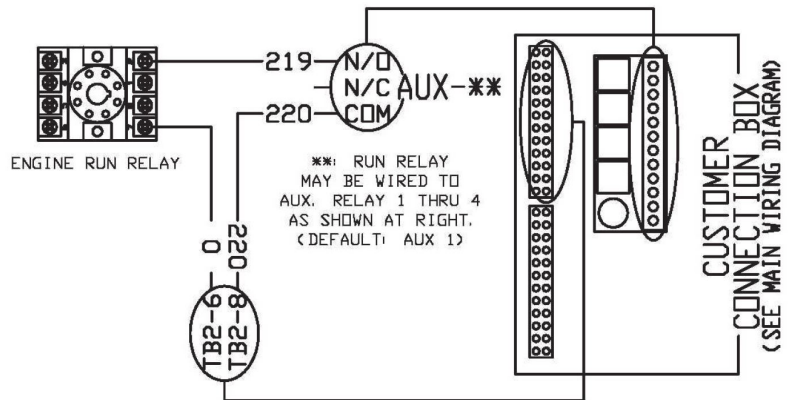
- For use with Generac's Digital Control Platforms
- 10 Amp Contact Rating
- 12 or 24 Volt DC Input
- Contact Open or Closure on Engine Run

Contacts	
Type	DPDT
Material	Silver
Rating	UL 10A @ 240VAC 10A @ 30VDC
Coils	
Input Voltage	24VDC
Resistance	400 Ohms
Nominal Power	1.5W

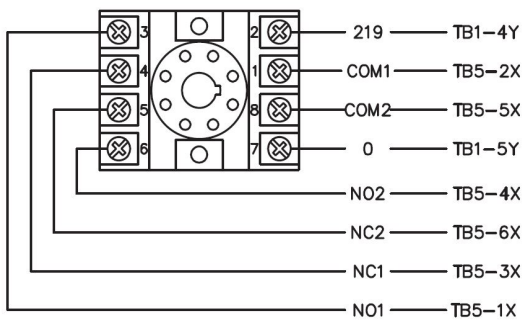
Wiring Diagram with E panel, H-100 Panel



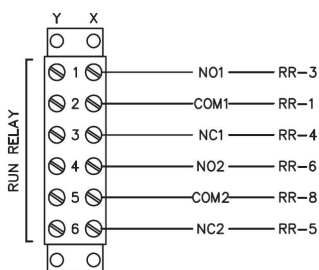
Wiring Diagram with PMDCP



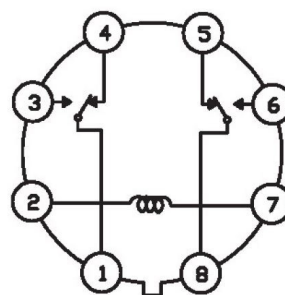
Wiring Diagram with Power Zone Pro Sync



TB5



Pin Detail



21 LIGHT REMOTE ANNUNCIATOR AND REMOTE RELAY PANEL

Model 0054650 Gray Remote Annunciator Panel without Relays

Model 0054660 Gray Remote Relay Panel without LEDs and Keypad (Relays Only)

Model 0054640 Gray Remote Annunciator Panel with 8 Relays

Model 0056370 Tan Flush Mount Enclosure without Annunciator

Model 0066950 Gray Flush Mount Enclosure without Annunciator



Description:

The Remote Annunciator Panel provides remote monitoring and annunciation of up to 18 generator parameters using LEDs located on the annunciator keypad. It also provides two system level warnings which are System Ready and Communications OK.

The Relay Panel has up to 8 selectable functions on form A relays; multiple relay panels can be connected for all 18 generator parameters.

The specific faults can be selected using either the DIP switches located on the annunciator circuit board or through a computer via the RS232 connection on the circuit board. All relays are energized on power up and open during a fault condition.

Communication is via a RS485 serial data link and power is supplied by the generator battery (+12 VDC or +24 VDC).

The Remote Annunciator Panel complies with NFPA 99 and NFPA 110.

Environmental Specifications:

Operating Temperature	-25 °C to 60 °C
Humidity	0 to 95% Non-Condensing
Power Supply	Generator Battery, +12 or +24 Volts DC
Power Usage.....	6 WattsTypical
Communication Line	RS485 Fully Isolated Twisted Pair Cable with Shield
Maximum Cable Length.....	4,000 ft
Relay Output	One NO Contact (Energized when Annunciator is Powered and No Faults are Present)
Relay Contact Rating	30 VDC, 1 A
Enclosure Rating	NEMA 1
Alarm Horn (Remote Annunciator Panels Only)	90 dB @ 10 cm

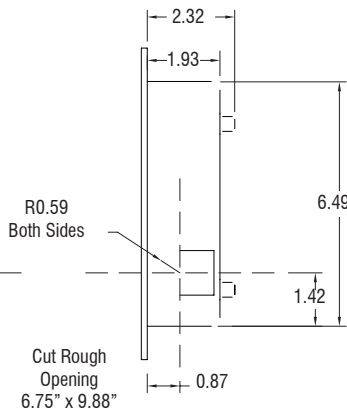
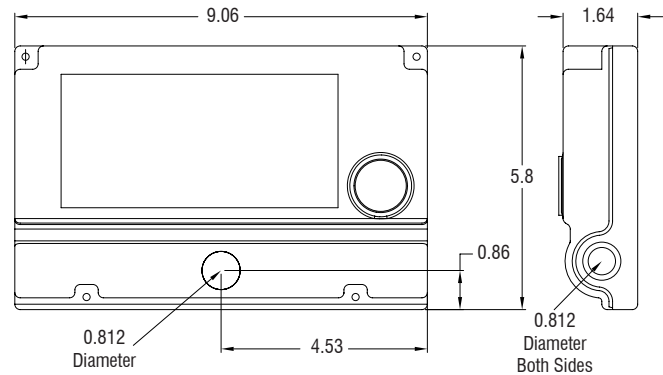
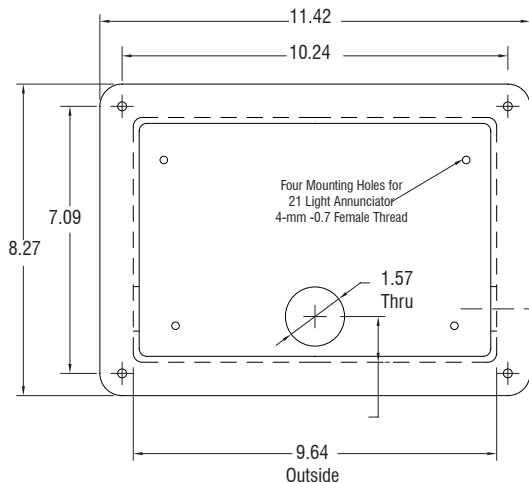
21 LIGHT REMOTE ANNUNCIATOR AND REMOTE RELAY PANEL

Function	Color	Alarm	Latched																
Pre-Low Oil Pressure	Yellow	Yes	Yes																
Pre-High Water Temperature	Yellow	Yes	Yes																
Pre-Low Water Temperature	Yellow	Yes	Yes																
Pre-Low Fuel	Yellow	Yes	Yes																
Battery Charge AC Fail	Yellow	Yes	No																
Low Battery Voltage	Yellow	Yes	No																
High Battery Voltage	Yellow	No	No																
Not in Auto	Red	Yes	No																
RPM Sensor Loss	Red	Yes	Yes																
Overcrank	Red	Yes	Yes																
Overspeed	Red	Yes	Yes																
Low Oil Pressure	Red	Yes	Yes																
High Water Temperature	Red	Yes	Yes																
Low Water Level	Red	Yes	Yes																
Emergency Stop	Red	Yes	No																
Gen Running	Yellow	No	No																
Gen Power (ATS)	Yellow	No	No </tr <tr> <td>Line Power (ATS)</td> <td>Green</td> <td>No</td> <td>No</td> </tr> <tr> <td>Systems Ready</td> <td>Green</td> <td>Yes</td> <td>No</td> </tr> <tr> <td>Communications OK</td> <td>Green</td> <td>Yes</td> <td>No</td> </tr> <tr> <td>Spare</td> <td>Green</td> <td>No</td> <td>No</td> </tr>	Line Power (ATS)	Green	No	No	Systems Ready	Green	Yes	No	Communications OK	Green	Yes	No	Spare	Green	No	No
Line Power (ATS)	Green	No	No																
Systems Ready	Green	Yes	No																
Communications OK	Green	Yes	No																
Spare	Green	No	No																

Spare Keypad Switch can be used to implement a remote start function (Model 0054640 only).

Surface Mount Annunciator

The 21 Light Annunciator can mount to a flat surface with connections through the 0.812 inch diameter knockout on the back surface or through 0.812 inch diameter knockouts on sides as shown.



Flush Mount Annunciator

This Flush Mount Box is recessed into the wall opening and the surface mount annunciator mounts to the (4) 4 mm screw holes on the back surface. After wire connections are made the front annunciator cover is attached.

Dimensions are in inches.

GENprotect™

Seamless Protection for Industrial Power Generators

GENprotect Operation

The design choice of an onsite power system using a Generac Industrial Power Generator assures your emergency power source is protected from unexpected power distribution faults. Typically, a generator will include some type of over-current device, such as a circuit breaker, or be protected by inherent design with the controller protecting the alternator through a protection algorithm. Generac's GENprotect generator protection system monitors the system current output and protects the alternator with extended security against fault scenarios that could occur within the site's downstream distribution system.

It is a common misconception that the alternator's main circuit breaker protects the alternator from a short circuit event. The main output breaker protects the cabling and provides a convenient disconnect. The characteristic trip curve for the industry standard thermal magnetic breaker (MCCB, molded case thermal magnetic or solid state) does not coordinate with the thermal damage limitation for an on-site generator. If circuit breakers are used for generator protection, a solid-state circuit breaker with full adjustments (Long Time, Short Time and Instantaneous, LSI) is required to coordinate the breaker protection curve within the generator thermal damage curve. Historically, this limitation was often accepted in system design since failures of the main generator feeder are extremely rare. Most short circuit events happen at a branch circuit, equipment level, where the fault is easily cleared by the smaller down stream breakers.

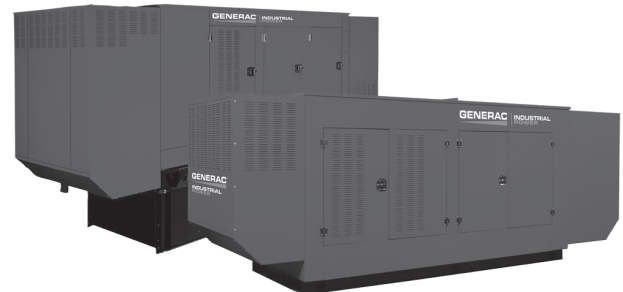
Given the mission critical nature of today's back-up power applications, it is more desirable to protect the system against even relatively rare failure modes. As generator controllers have become more powerful it is feasible for manufactures to supply coordinated short circuit protection integral to the generator control system, negating the need for a main-line circuit breaker.

Generac's GENprotect alternator protection algorithm monitors the generator output. If this monitoring senses short circuit current in excess of rated amps, GENprotect steps in to provide a controlled and safe approach to breaker coordination and alternator protection. GENprotect first limits the alternator short circuit current level to 300%. By limiting the available fault current, GENprotect extends the time the alternator can maintain fault current resulting in consistent breaker coordination. Without this functionality a

line to neutral fault may be at 800% of rated current and need to be cleared within 1.4 seconds. The second function GENprotect performs is **I²T thermal protection for the alternator**. Since a short circuit event can heat the alternator so rapidly, it is not possible to protect the alternator by monitoring temperature. Instead GENprotect calculates the heat energy of the fault current. When this energy reaches the limits of NEMA MG1, GENprotect trips the generator off-line. This configuration ensures the alternator is protected and the power system is ensured 10 seconds of 300% fault current for breaker coordination.

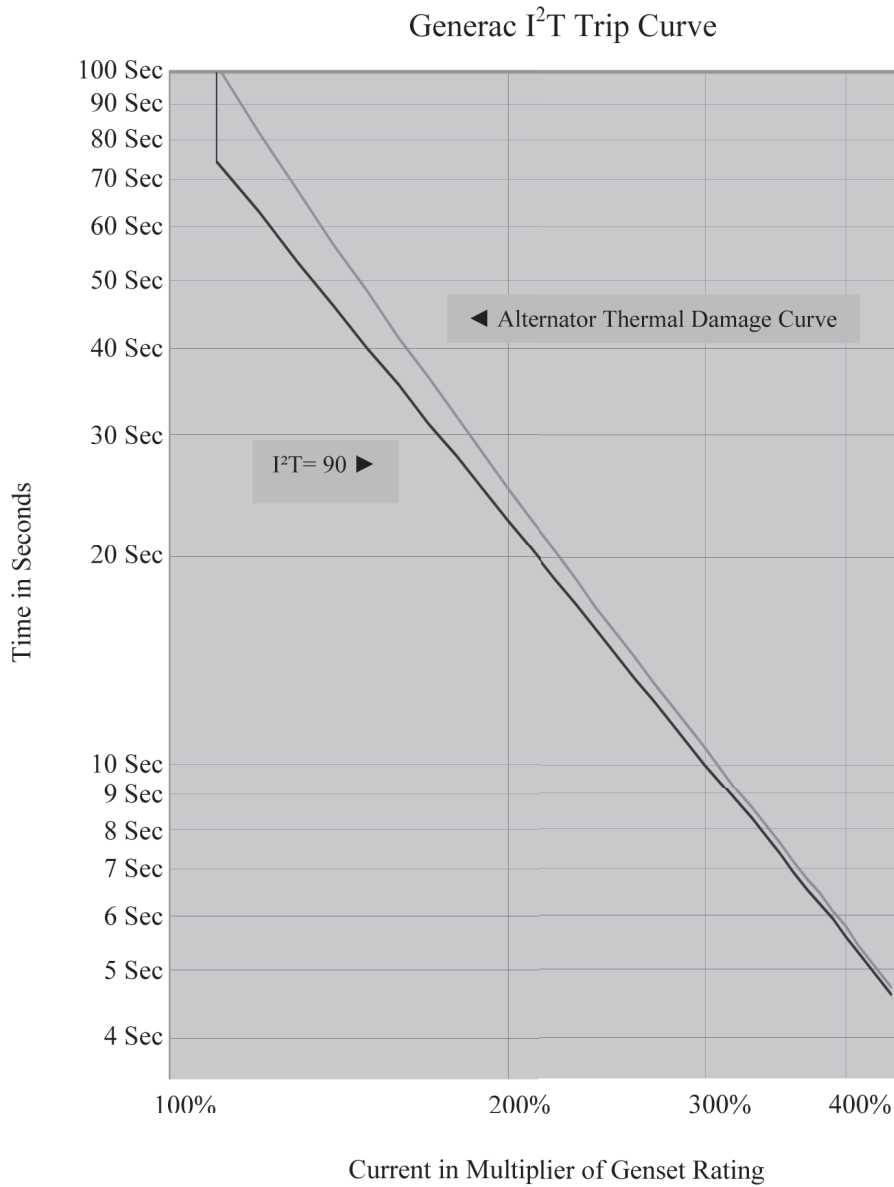
DESCRIPTION

- GENprotect is an alternator protection algorithm approved by UL.
- Protects alternator from damage due to shorts and electrical faults.
- Provides breaker coordination and alternator protection.
- Allows for use of multiple circuit breaker choices, including "no" breaker.



GENprotect™

Seamless Protection for Industrial Power Generators



The above Figure shows the Generac GENprotect thermal protection curve for use in protection and coordination studies. The alternator Thermal Damage Curve is shown just to the right of the GENprotect protection curve. If the alternator load is greater than the thermal damage protection curve for the alternator, the generator set will trip off-line. For example, an overload current of 110% for 75 seconds causes an overload alarm and will trip the generator off-line, shutting down the engine. GENprotect will provide generator protection over a full range of time and current, from instantaneous faults to overloads lasting several minutes. An advantage of GENprotect over a MCCB is that GENprotect allows for downstream breakers to clear faults without tripping the generator off-line, providing selective coordination with the first level of downstream breakers.

ALTERNATOR DATA SHEET

K0792124Y23

General Characteristics

Voltages (V)	380, 208/240, 480	Number of Leads	12
Frequency (Hz)	60	Winding Type	Reconnectable
Phases	3	Air Flow (CFM)	5,106
Speed (RPM)	1,800	Total Harmonic Distortion (%)	<5
Excitation System	PMG	Largest Single Harmonic Value (%)	<3.5
Insulation Class	H	Telephone Interference Factor (TIF)	<50
Winding Pitch	2/3	Part Number Reference	OH9450, OJ8413, OJ9654, GTA352AIDV

Ratings @ 0.8 pf based on 40°C Ambient

Voltage (V)	80°C Rise		105°C Rise		125°C Rise		150°C Rise	
	kW	kVA	kW	kVA	kW	kVA	kW	kVA
380	512	640	586	733	640	800	701	876
208/240	588	735	679	849	760	950	764	955
480	613	766	708	885	792	990	796	995

Reactance Base Data at 480V, 990 kVA, 1,800 RPM, 60 Hz, 3Ø

Description	Value
Stator Resistance, Line to Neutral, High Wye Connection (Ω)	0.002
Rotor Resistance (Ω)	2.202
Exciter Stator Resistance - PMG (Ω)	10.25
Exciter Rotor Resistance - PMG (Ω)	0.1664
Excitation Winding Resistance - PMG (Ω)	0.5230
Xd, Direct Axis Synchronous Reactance (p.u.)	1.86
X2, Negative Sequence Reactance (p.u.)	0.156
X0, Zero Sequence Reactance (p.u.)	0.019
X'd, Direct Axis Transient Reactance (p.u.)	0.207
X''d, Direct Axis Subtransient Reactance (p.u.)	0.164
Xq, Quadrature Axis Synchronous Reactance (p.u.)	0.646
T'd, Direct Axis Transient Short Circuit Time Constant (s)	1.84

Description	Value
T''d, Direct Axis Subtransient Short Circuit Time Constant (s)	0.01
T'do, Direct Axis Transient Open Circuit Time Constant (s)	1.672
Ta, Short Circuit Time Constant of Armature Winding (s)	0.027
Phase Sequence CCW-NDE	T1, T2, T3
Voltage Balance, L-L or L-N (%)	Contact Factory
Deviation Factor (%)	Contact Factory
High Wye Connection, Sustained 3Ø Short Circuit Current (%) - PMG Only	Contact Factory
X/R	Contact Factory
Short Circuit Ratio	0.54
Heat Rejection (BTU/hr) - 100% Rated Load, 480V, 0.8pf, 125°C Temperature Rise	178,625

Reference: Mil-STD-705B
All Ratings are Nominal

ALTERNATOR DATA SHEET

K0792124Y23

skVA

	10%	15%	20%	25%	30%
480V @ 0.3PF	515	725	1,150	1,550	2,000
480V @ 0.6PF	550	925	1,300	1,750	2,250
208/240V @ 0.3PF	500	725	1,100	1,450	1,900
208/240V @ 0.6PF	525	850	1,225	1,650	2,130
380V @ 0.3PF	300	450	650	890	1,120
380V @ 0.6PF	325	525	750	1,000	1,275

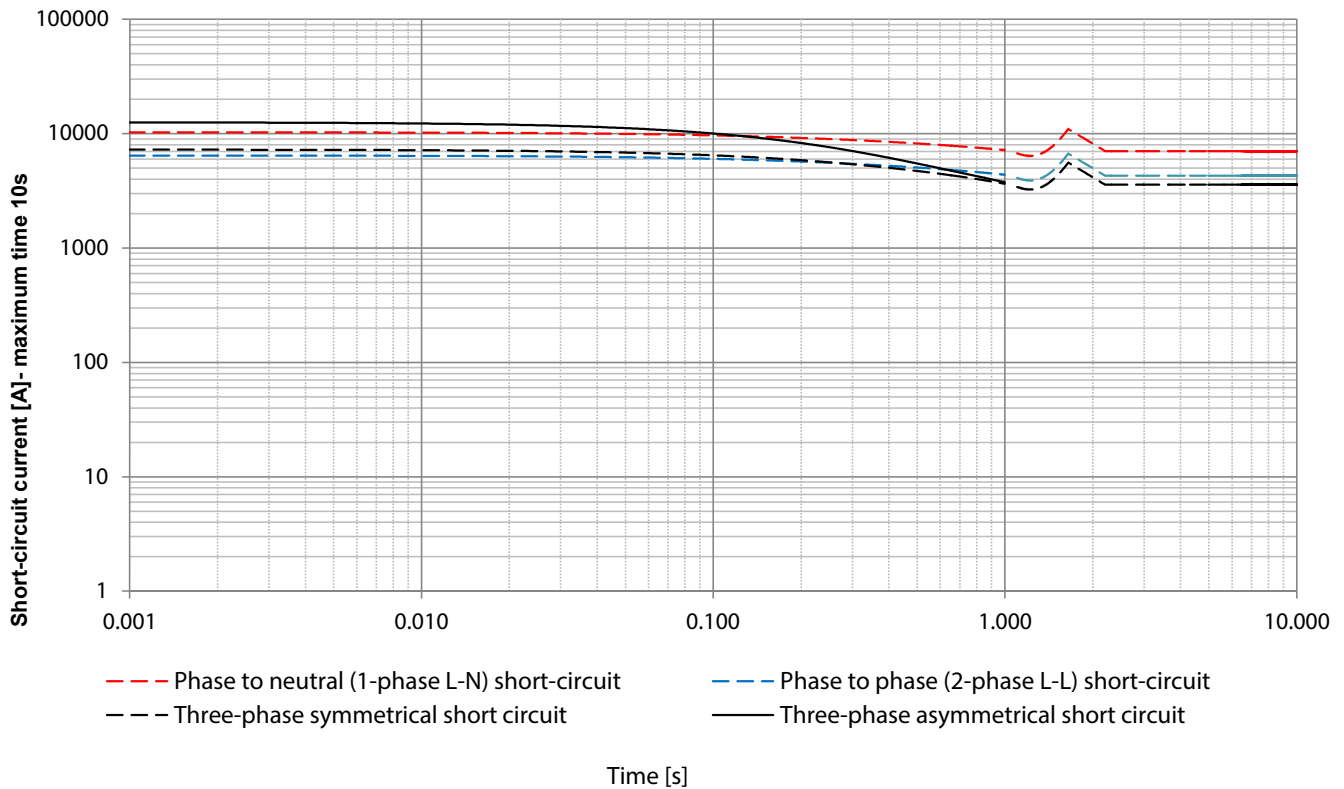
Efficiencies

	480V @ 0.8PF	480V @ 1.0PF	208/240V @ 0.8PF	208/240V @ 1.0PF	380V @ 0.8PF	380V @ 1.0PF
25% Rated Power*	87.1	89.6	88.7	91.0	87.6	90.0
50% Rated Power*	92.0	93.8	92.8	94.4	92.2	93.9
75% Rated Power*	93.4	95.0	93.7	95.2	93.4	94.9
100% Rated Power*	93.7	95.4	93.8	95.3	93.7	95.2

*Rated Power value is rating kVA at 125°C Winding Temperature Rise

LOG LOG Decrement Curves

3 Phase short-circuit current decrement curve. At no load and rated speed (connection Y 60Hz) 480 V



INDUSTRIAL GENSET - BATTERY INDEX

• Warranty by Exide Corp. • Exide e-mail: tbгна@exide.com • 800-782-7848 National Hot line

INDUSTRIAL SPARK-IGNITED GENSETS - AVAILABLE BATTERIES

Engine	System Voltage	Battery Quantity	GENERAC PART #					
			058208 (Group 24F)	077483 (Group 26)	058665 (Group 27F)	061119 (Group 31)	061104 (Group 8D)	BT0015A02 (Group 8D)
G2.4	12	1		X				
G4.5	12	1			X	X		
G9.0	12	1			X	X		
G14.2	24	2					X	
G21.9	24	2					X	
G25.8	24	2					X	
G33.9	24	4					X	
G49.0	24	4					X	X

INDUSTRIAL DIESEL GENSETS - AVAILABLE BATTERIES

Engine	System Voltage	Battery Quantity	GENERAC PART #			
			058665 (Group 27F)	061119 (Group 31)	061104/BT0015A00 (Group 8D)	BT0015A02 (Group 8D)
D2.2 Perkins	12	1	X	X		
D2.4 Generac	12	1	X	X		
D3.4 Generac	12	1	X	X		
D4.5 FPT	12	1		X		
D6.7 FPT 100, 130kW	12	1 or 2 [†]		X		
D6.7 FPT 150, 175kW	12	2 [†]		X		
D8.7 FPT	24	2		X		
D10.3 FPT	24	2		X	X	
D12.9 FPT	24	2		X	X	
D12.5 Perkins	24	2			X	
D15.2 Perkins	24	2			X	
D16.0 Volvo	24	2		X	X	
D18.1 Perkins	24	2			X	
D33.9 MHI	24	2			X	X
D37.1 MHI	24	4			X	X
D49.0 MHI	24	4			X	X
D65.4 MHI	24	4			X	X

Part Number	Group Number*	Nominal CCA @ 0° F	DIMENSIONS (in) NOMINAL		
			L	W	H
058208	24F	525	6.75	10.63	9.00
077483	26	525	6.75	8.25	7.75
058665	27F	700	6.75	12.50	9.00
061119	31	925	6.75	13.00	9.40
061104/ BT0015A00	8D	1,155	11.00	20.80	10.00
BT0015A02	8D	1,300	11.00	20.80	10.00

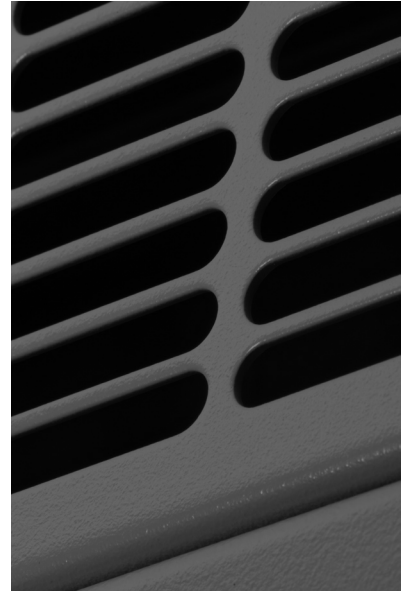
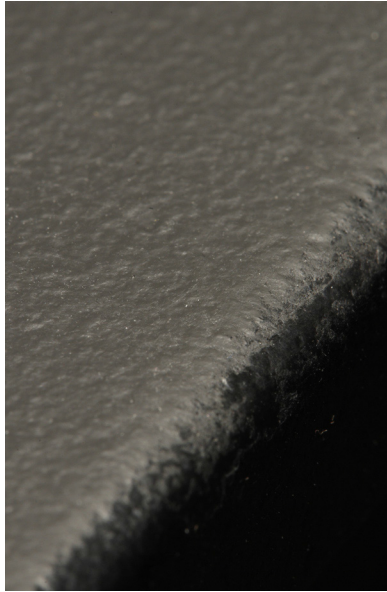
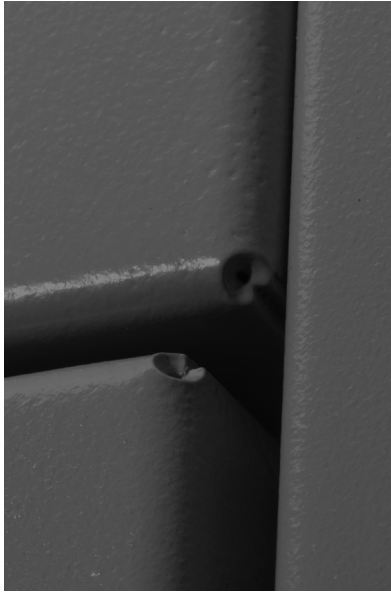
All batteries are 12V, 6 cell construction, lead calcium type.
For 24V systems, batteries are wired in series.

X Battery available with electrolyte and installed in genset.

† Single or dual-paralleled battery options are available on 100 and 130kW. Single-battery option not available on 150 and 175kW.

* BCI Group Size reference.

RhinoCoat™



Generac's RhinoCoat™ finish system provides superior durability as a standard for all Generac Industrial enclosures, tanks and frames.*

Testing Standards

Generac's RhinoCoat™ finished surfaces are subjected to numerous tests. These include:

- ASTM D - 1186 - 87.....2.5+ MIL Paint Thickness
- ASTM D - 3363 - 92a.....Adequate Material Hardness
- ASTM D 522 - B.....Resistant to Cracking
- ASTM D 3359 - B.....Exceptional Adhesion
- ASTM B117 D 1654.....Resistant to Salt Water Corrosion
- ASTM D1735 D 1654.....Resistant to Humidity
- ASTM 2794 93 (2004).....Exceptional Impact Resistance
- SAEJ1690 - UV Specifications.....UV Protection

In addition to the testing standards above, Generac adds the following test requirements more specific to generator applications:

- Resistant to Typical Oils
- Resistant to Typical Fuels
- Resistant to Typical Antifreeze
- Resistant to Distilled Water

Primary Codes and Standards



*RhinoCoat™ powder coat paint is durable and corrosion resistant however it is not a rust preventative. Generac pretreats all powder coated parts to assist with resistance to corrosion.

EATON CIRCUIT BREAKERS

100% Rated Thermal-Magnetic

AMPS	VOLTS	ACCESSORIES	EATON PART #	SERIES	FRAME	GENERAC PART#
70	600	No Accessories	JGE3070FAGC	G	JG-FRAME	OH9302TH00
		Shunt Trip & Aux. Contacts	JGE3070FAGCA2 **			OH9302TH ***
80		No Accessories	JGE3080FAGC			0J0841TH00
		Shunt Trip & Aux. Contacts	JGE3080FAGCA2 **			0J0841TH ***
90		No Accessories	JGE3090FAGC			0J0837TH00
		Shunt Trip & Aux. Contacts	JGE3090FAGCA2 **			0J0837TH ***
100		No Accessories	JGE3100FAGC			0H9314TH00
		Shunt Trip & Aux. Contacts	JGE3100FAGCA2 **			0H9314TH ***
125		No Accessories	JGE3125FAGC			0J0231TH00
		Shunt Trip & Aux. Contacts	JGE3125FAGCA2 **			0J0231TH ***
150		No Accessories	JGE3150FAGC			OH9315TH00
175		Shunt Trip & Aux. Contacts	JGE3150FAGCA2 **			0H9315TH ***
		No Accessories	JGE3175FAGC		0H9316TH00	
200		Shunt Trip & Aux. Contacts	JGE3175FAGCA2 **		0H9316TH ***	
		No Accessories	JGE3200FAGC		0J0232TH00	
225		Shunt Trip & Aux. Contacts	JGE3200FAGCA2 **		0J0232TH ***	
		No Accessories	JGE3225FAGC		0H9317TH00	
250		Shunt Trip & Aux. Contacts	JGE3225FAGCA2 **		0H9317TH ***	
		No Accessories	JGE3250FAGC		0H9318TH00	
300		Shunt Trip & Aux. Contacts	JGE3250FAGCA2 **		0H9318TH ***	
		No Accessories	LGE3300FAGC		0H9319TH00	
350		Shunt Trip & Aux. Contacts	LGE3300FAGCA2 **		0H9319TH ***	
		No Accessories	LGE3350FAGC		0H9320TH00	
400		Shunt Trip & Aux. Contacts	LGE3350FAGCA2 **		0H9320TH ***	
	No Accessories	LGE3400FAGC	0H9321TH00			
500	Shunt Trip & Aux. Contacts	LGE3400FAGCA2 **	0H9321TH ***			
	No Accessories	LGE3500FAGC	0H9323TH00			
600	Shunt Trip & Aux. Contacts	LGE3500FAGCA2 **	0H9323TH ***			
	No Accessories	LGE3600FAGC	0H9324TH00			
700*	Shunt Trip & Aux. Contacts	LGE3600FAGCA2 **	0H9324TH ***			
	No Accessories	CMDLB3800T33W	OH9325TH00			
800*	Shunt Trip & Aux. Contacts	CMDLB3800T33WA13S02	0H9325THB0			
	No Accessories	CMDLB3800T33W	0H9326TH00			
900 ¹	Shunt Trip & Aux. Contacts	CMDLB3800T33WA13S02	0H9326THB0			
	No Accessories	NGS312033MCZ08	0H9327TH00			
1,000 ¹	Shunt Trip & Aux. Contacts	NGS312033MCA12S03Z08	0H9327THB0			
	No Accessories	NGS312033MCZ08	0H9328TH00			
1,200 ¹	Shunt Trip & Aux. Contacts	NGS312033MCA12S03Z08	0H9328THB0			
	No Accessories	NGS312033MCX23Y08	0H9329TH00			
1,400 ¹	Shunt Trip & Aux. Contacts	NGS312033MCA12S03Y08	0H9329THB0			
	No Accessories	RGH316033MCY22	0H9360TH00			
1,600 ¹	Shunt Trip & Aux. Contacts	RGH316033MCA12S21Y22	0H9360THB0			
	No Accessories	RGH316033MCY22	0H9361TH00			
2,000 ¹	Shunt Trip & Aux. Contacts	RGH316033MCA12S21Y22	0H9361THB0			
	No Accessories	RGH320033MC	0H9367TH00			
		Shunt Trip & Aux. Contacts	RGH320033MCA12S21		RG-FRAME	0H9367THB0

*LS-type electronic trip breaker RMS 310 trip unit. ¹LS-type electronic trip breaker equipped with RMS 310+ trip unit.

To finish part numbers with either a ** or *** Please see data below:

** 12V System, Use - S4
24V System, Use - S6

*** 12V System, use BO
24V System, use CO

EATON CIRCUIT BREAKER DATA LUG INFORMATION

Eaton Series C Circuit Breaker Lugs

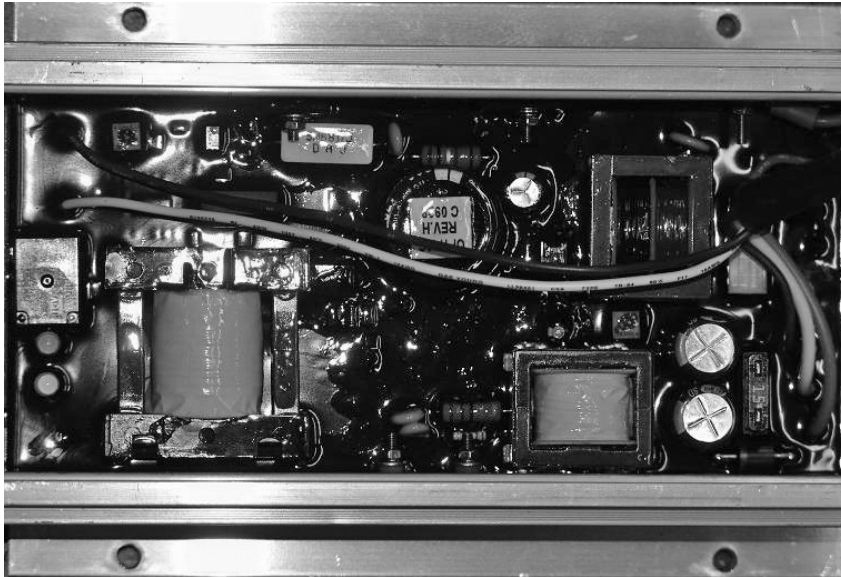
Amps	Series	Frame	Standard Lug	
			Eaton Part #	Wire (QTY) Size
15-70	C	G	-	(1) #10-1/0
15-100	C	F	3T100FB	(1) #14-1/0
125-200	C	F	3TA225FD	(1) #4-4/0
225	C	F	3TA225FDK	(1) #6-300MCM
250	C	J	TA250KB	(1) #4-350MCM
300	C	K	TA350K	(1) 250-500MCM
350-400	C	K	3TA400K	(2) 3/0-250MCM
450-500	C	L	TA602LD	(2) 3/0-350MCM
600	C	L	3TA603LDK	(2) 400-500MCM
700-800	C	M	TA800MA2	(3) 3/0-400MCM
900-1,000	C	N	T1200NB3	(4) 3/0-400MCM
1,200	C	N	TA1201NB1	(3) 500-750MCM

Eaton Series G Circuit Breaker Lugs

Amps	Series	Frame	Standard Lug	
			Eaton Part #	Wire (Qty) Size
50-250	G	JG	TA250FJ	(1) #8-350MCM
300-600	G	LG	3TA632LK	(2) #2-500MCM
900-1,200	G	NG	TA1201NB1	(3) 500-750MCM
1,400-1,600	G	RG	T1600RD	(4) 1-600MCM
2,000	G	RG	Lugs Not Included	
2,500	G	RG	Lugs Not Included	

BATTERY CHARGER

2.5 amp and 10 amp



Battery charger shown from inside of control panel enclosure. Connections are made via an attached harness.

The Generac 2.5 amp 12 volt and **10 amp** 12/24 volt battery chargers are designed to work with Generac Industrial Controls to provide the ultimate in automatic battery voltage maintenance.

The 2.5 amp charger is self-regulating and produces instantaneous output current adjustments to keep the battery charged to an optimum level. Battery voltage is read on the control panel digital display.

The 10 amp charger has automatic float and equalize control. It precisely monitors the battery's voltage and automatically activates the correct charging mode. The charge rate is limited and controlled to efficiently and safely maintain ideal battery levels under varying conditions.

The equalize system uses a control circuit to limit charging current to 10 amps. When battery voltage drops below a preset level, charging current increases to 5 amps and then to the 10 amp charge rate if needed. When the battery reaches maximum charge, the charger switches to float mode to supply just enough current to maintain the battery at or above 13/26 volts. Battery voltage and charging current are read at the control panel digital display.

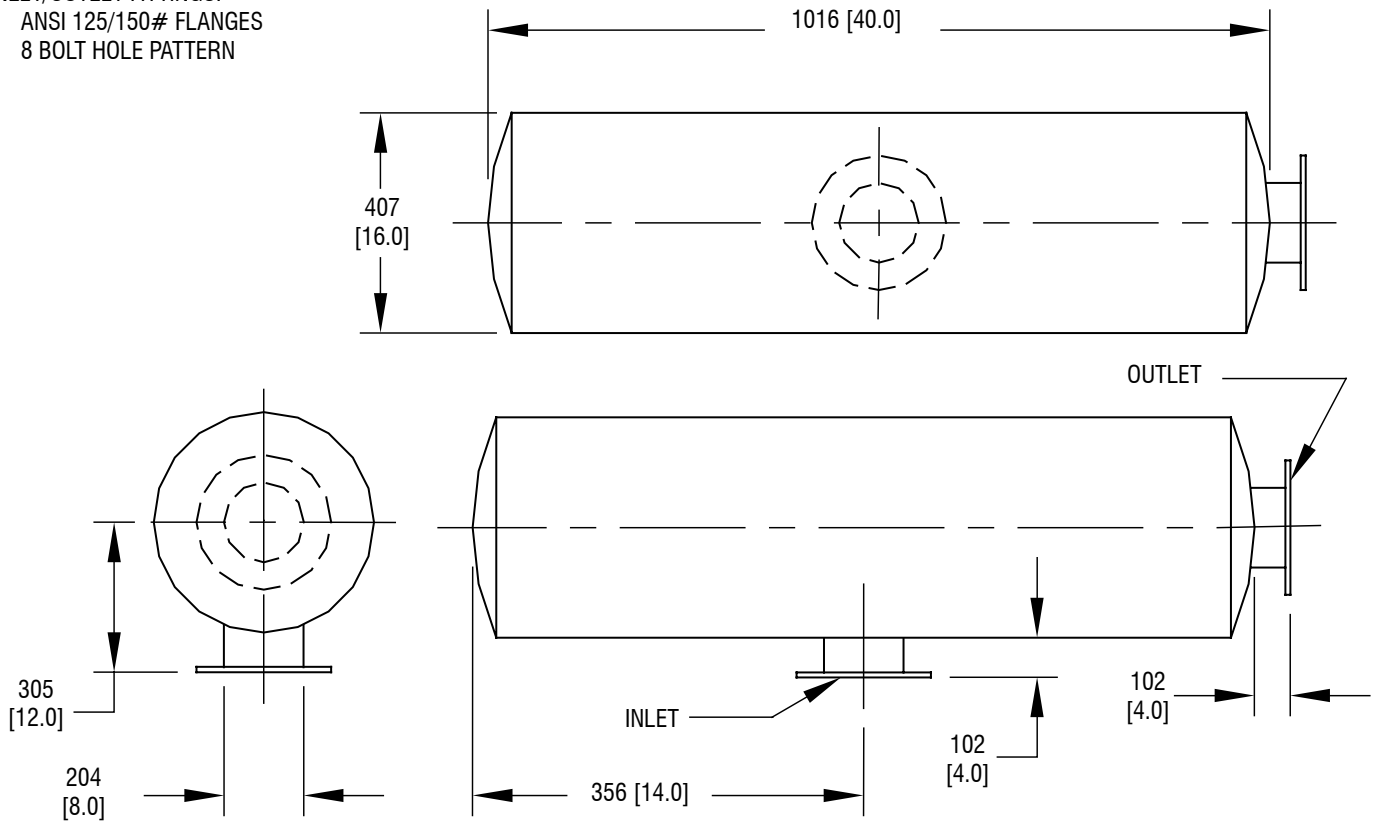
Specifications	2.5A	10A
Nominal Input	120 VAC	120 VAC
Operating AC Line Voltage Range	108 to 132 VAC	108 to 132 VAC
Input AC Line Frequency	50/60 Hz	50/60 Hz
Battery Fuse	N/A	15 A
Nominal Charge Rate	2.5 A	10 A
Equalize Voltage	N/A	13.8/27.6 V
Float Voltage	13.4 V	13.0/26.0 V
Current @ Equalize to Float Transition	N/A	5 A
Battery Under-voltage shutdown	N/A	11/22 V
LED Indicators	No	Yes
AC Line Voltage	N/A	Green LED
Battery Connected and Charging	N/A	Yellow LED
Battery Current Drain	30 mA	30 mA
AC Line Connection	Connector Plug	Connector Plug
Battery Connection	Connector Plug	Connector Plug
Control Connection		AC Power Fail Form Relay Form C 2 A Rating
CUL Recognized	Yes	Yes
NFPA 110 Compliant	No	Yes
AGM Compatible	No	Yes
UL1236	No	Yes
CSA 22.2 No. 107	No	Yes



CRITICAL GRADE SILENCER

Specifications

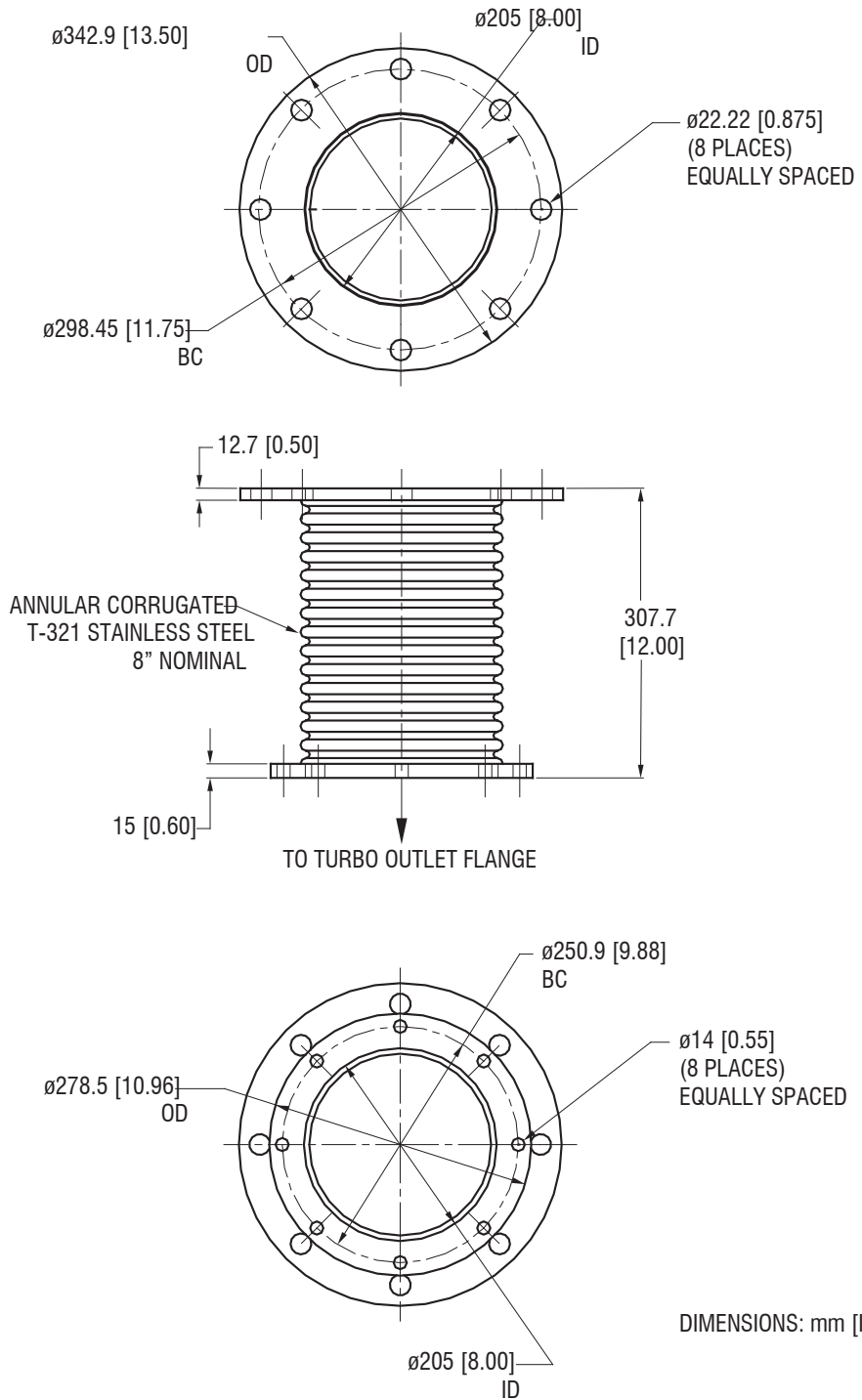
- 8" INLET/OUTLET
- ATTENUATION: 15-20 dBA
- APPROXIMATE WEIGHT: 108 LBS (48 kg)
- FINISH: HIGH-TEMP FLAT BLACK PAINT
- DRAIN FITTING & PLUG STANDARD
- INLET/OUTLET FITTINGS:
 - ANSI 125/150# FLANGES
 - 8 BOLT HOLE PATTERN



DIMENSIONS: mm [INCHES]

EXHAUST FLEX, 8" ANSI / 8" SAE

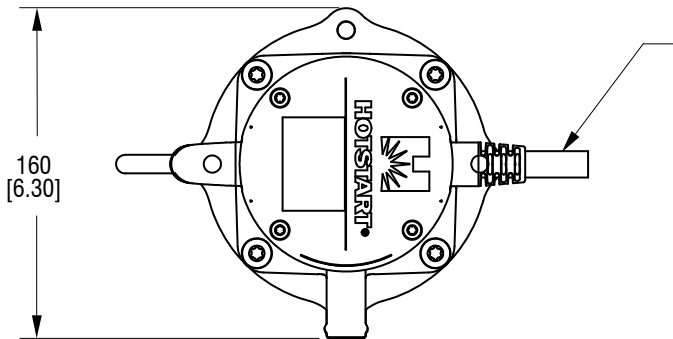
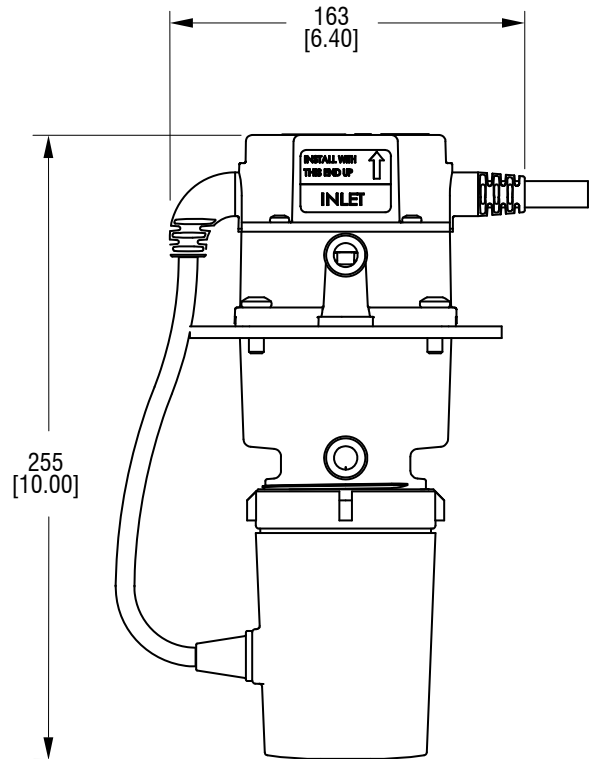
FINISH: HIGH-TEMP BLACK



COOLANT HEATER OPTION 2500 WATT, 240V

SPECIFICATIONS

- HOTSTART® HOTFLOW™ CTM25210-N00
- WATTS: 2500
- VOLTAGE: 240VAC SINGLE PHASE
- FIXED THERMOSTAT: 100/120° F
- FLOW RATE: 3.5 GPM @ 3 PSI
- UL/C-US LISTED



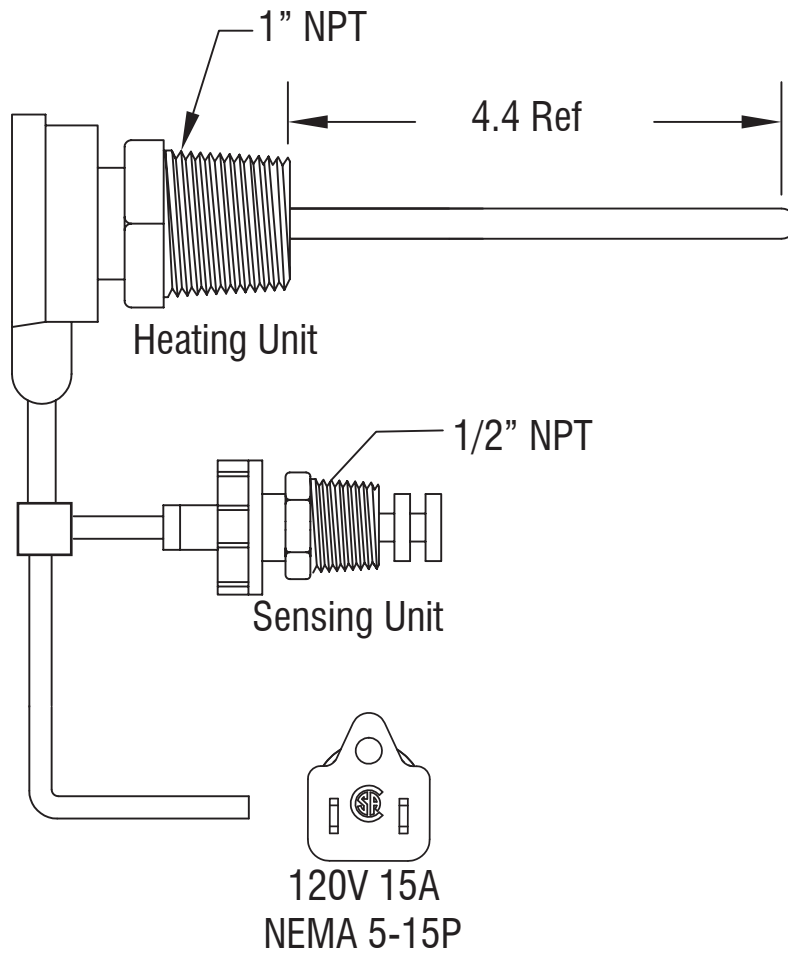
DIMENSIONS: mm [INCHES]

COOLANT HEATER OPTION

1500 WATT, 120V

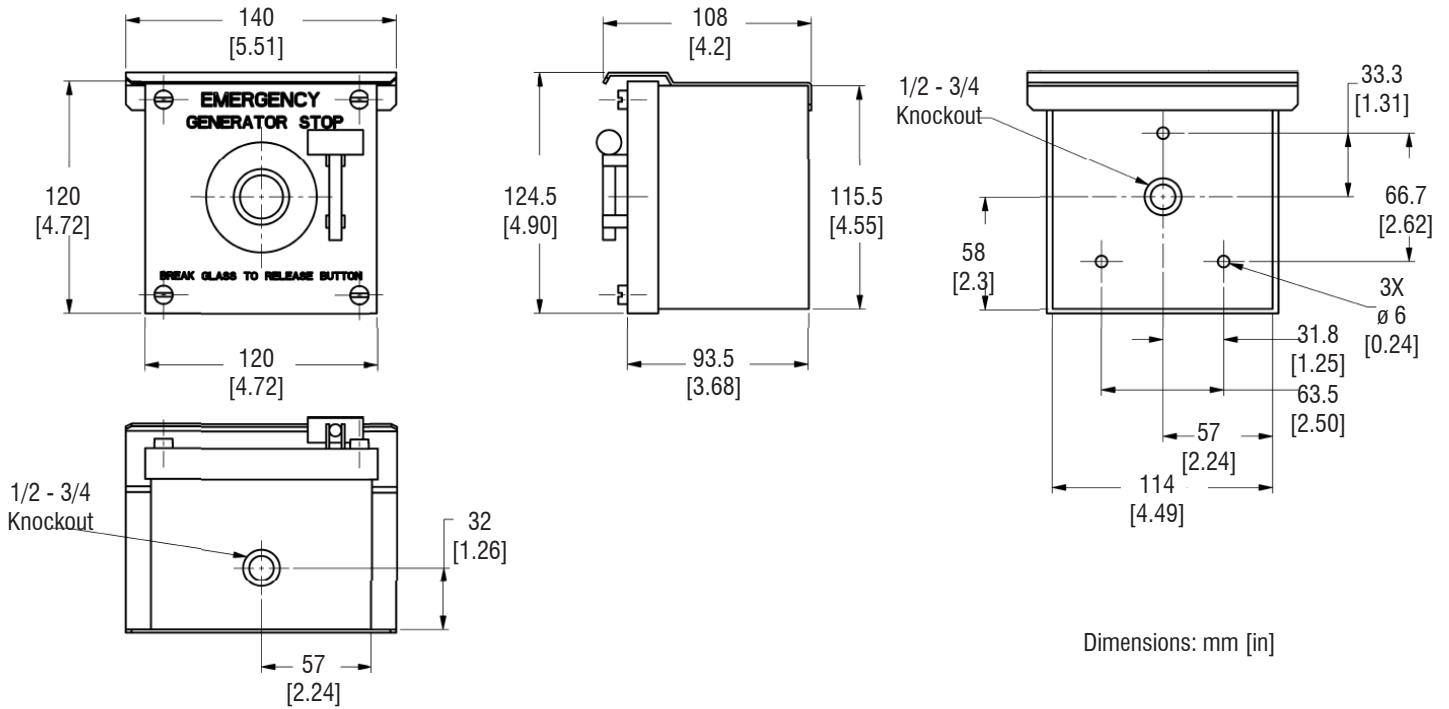
SPECIFICATIONS

- Manufacturer: HOTSTART
- Model: CATV-151-WOC
- WATTS: 1500
- VOLTAGE: 120VAC SINGLE PHASE
- FIXED THERMOSTAT: 100/120° F
- UL/C-US LISTED



REMOTE EMERGENCY STOP SWITCH

Break Glass, H-Panel



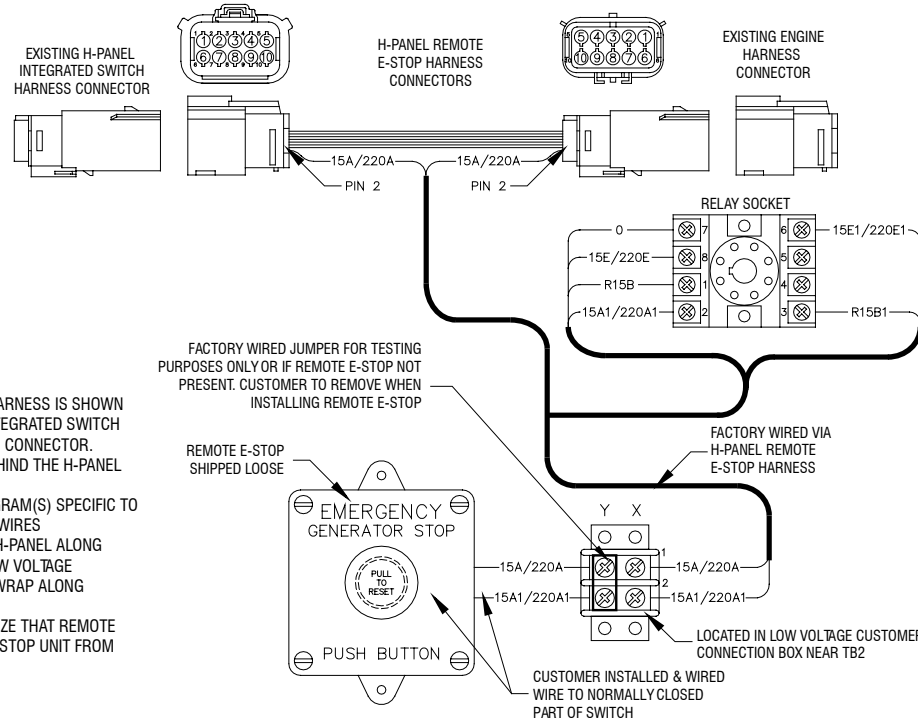
Specifications

Generac Part Number: 061129D
 Surface Mount, NEMA 3R
 2 Replacement Glasses
 Painted Steel Enclosure
 Contact Rating: 10A at 120V

REMOTE EMERGENCY STOP SWITCH

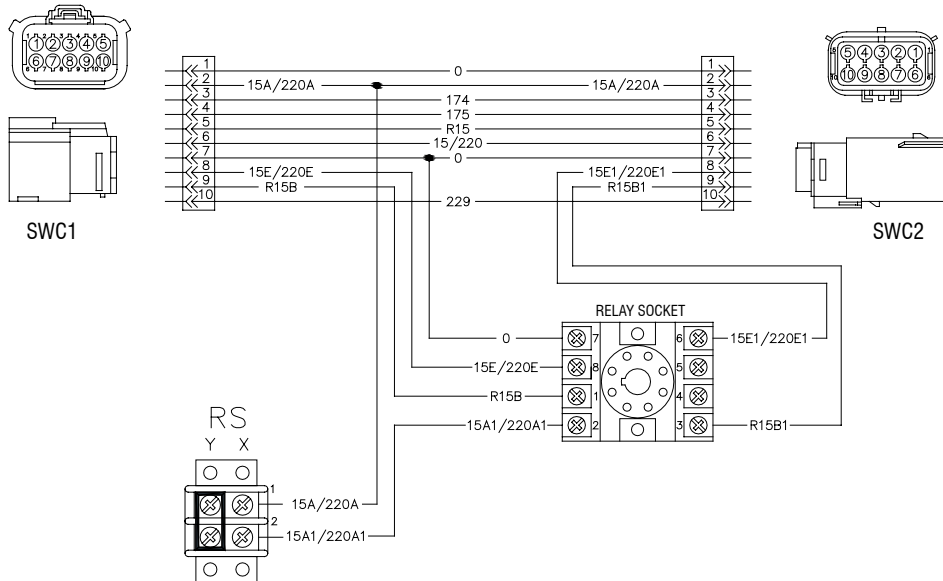
Break Glass, H-Panel

Wiring - H-Panel



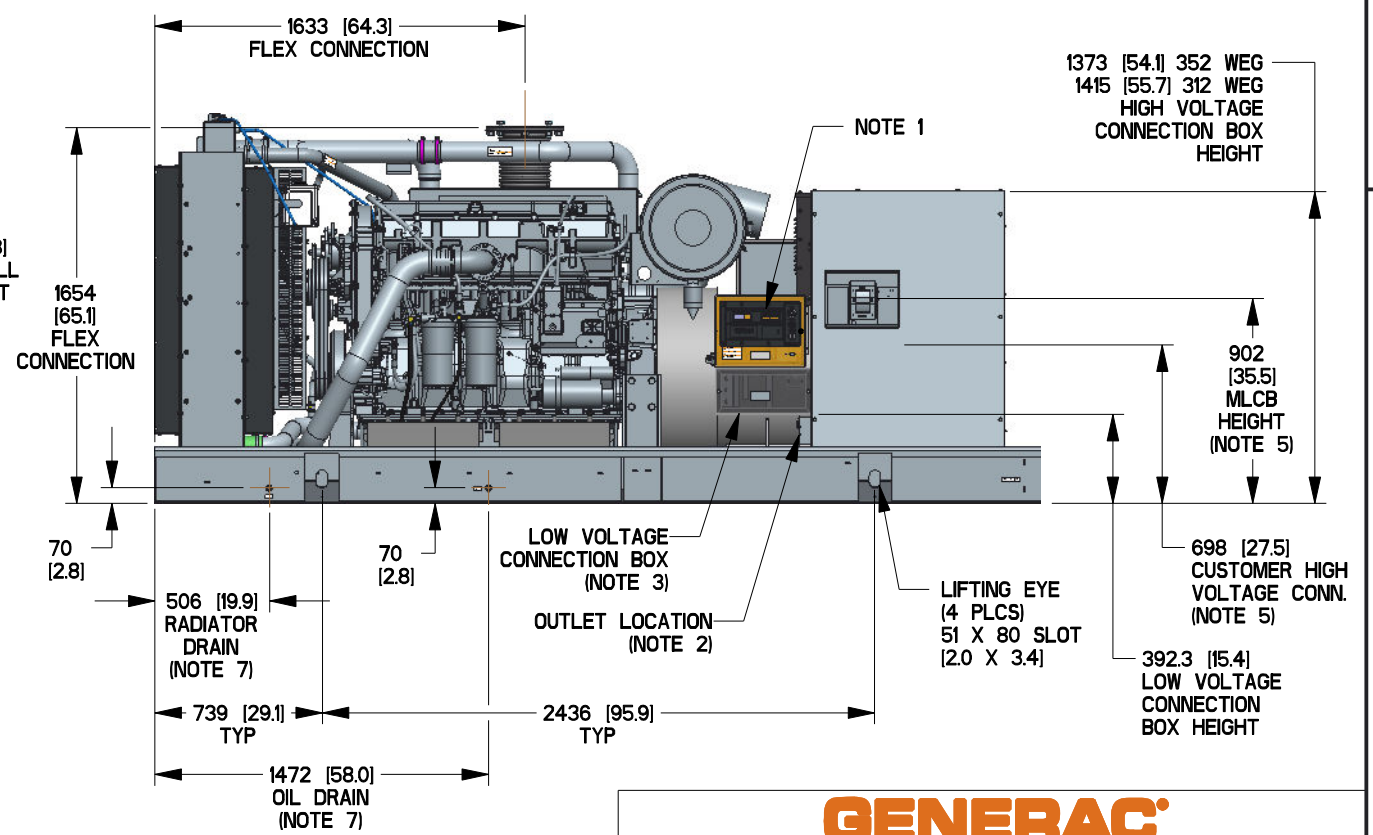
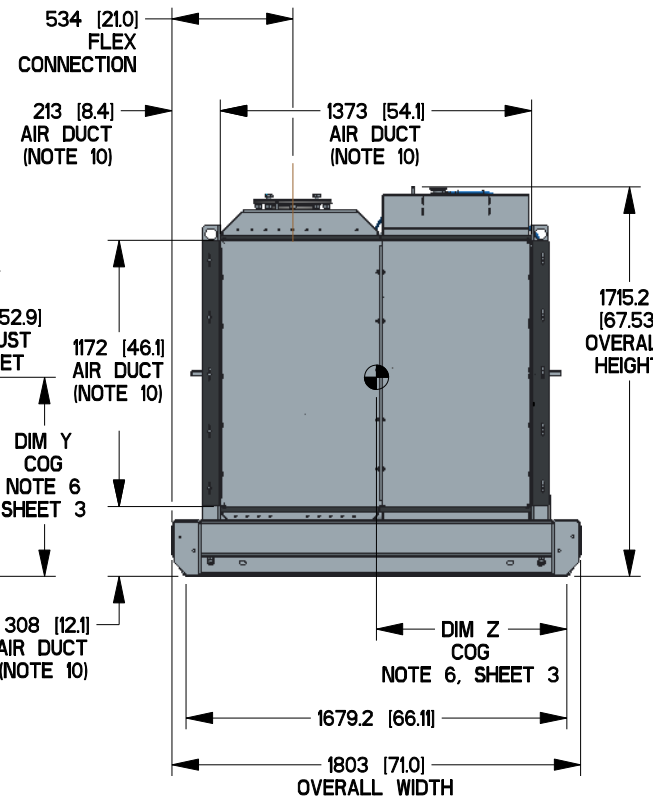
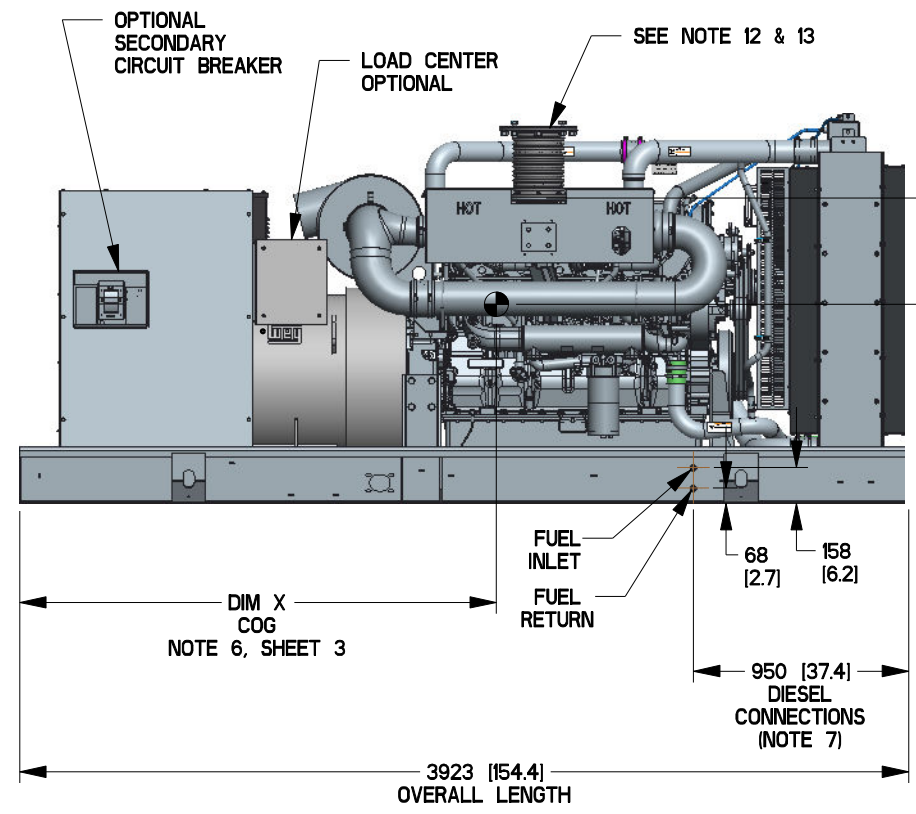
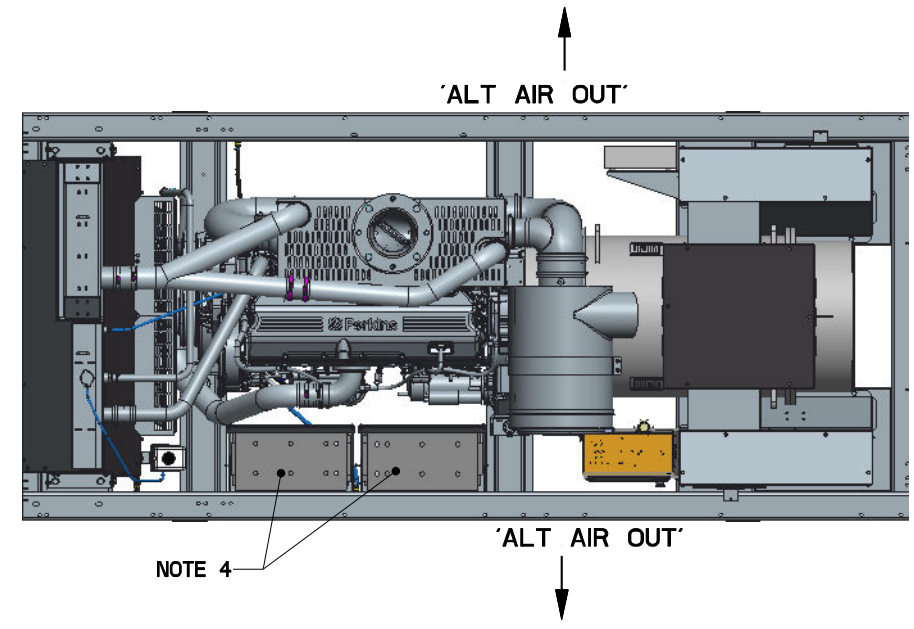
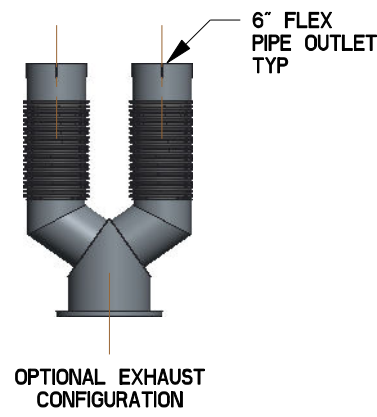
NOTES:

- 1) THE H-PANEL REMOTE E-STOP HARNESS IS SHOWN IN POSITION BETWEEN EXISTING INTEGRATED SWITCH CONNECTOR AND ENGINE HARNESS CONNECTOR. CONNECTION POINT IS LOCATED BEHIND THE H-PANEL HINGED COVER
- 2) SEE WIRING OR SCHEMATIC DIAGRAM(S) SPECIFIC TO UNIT FOR INFORMATION ON OTHER WIRES
- 3) FACTORY RUNS WIRING OUT OF H-PANEL ALONG ENGINE HARNESS THAT ENTERS LOW VOLTAGE CUSTOMER CONNECTION BOX. TIE WRAP ALONG HARNESS AS NEEDED.
- 4) THE H-PANEL WILL NOT RECOGNIZE THAT REMOTE E-STOP WAS ACTIVATED, BUT WILL STOP UNIT FROM RUNNING



- NOTES:
- CONTROL PANEL, (OPTIONAL BATTERY CHARGER INSIDE).
 - 120V, 20A GFCI & 250V, 15A OUTLET (OPTIONAL).
 - CONNECTION POINTS FOR CONTROL WIRES PROVIDED IN THE LOW VOLTAGE CONNECTION BOX (USE LOW VOLTAGE STUB-UP AREA).
 - BATTERY (24 VOLT NEGATIVE GROUND SYSTEM).
 - MAIN LINE CIRCUIT BREAKER (MLCB), AC LOAD LEADS. (DIMENSIONS MAY VARY DUE TO UNIT CONFIGURATION)
 - CENTER OF GRAVITY AND WEIGHT MAY CHANGE DUE TO UNIT OPTIONS.
 - ENGINE SERVICE CONNECTIONS:
 INLET NATURAL GAS : N/A
 INLET DIESEL : 1/2" NPT FEMALE COUPLING
 RETURN DIESEL : 1/2" NPT FEMALE COUPLING
 OIL DRAIN : 1/2" NPT FEMALE COUPLING
 RADIATOR DRAIN : 1/2" NPT FEMALE COUPLING
 FLEX PIPE OUTLET : 8" I.D. PIPE
 EXHAUST OUTLET : 8" I.D. SAE FLANGE (TURBO CONNECTION)
 ***** SEE GENERATOR SIZING GUIDE FOR FUEL PIPE SIZING TO SUIT APPLICATION *****

- AUXILIARY AC CONNECTION FOR UNIT OPTIONS ARE LOCATED IN HIGH VOLTAGE CONNECTION BOX, UNLESS AN OPTIONAL LOAD CENTER IS INSTALLED.
 - EXHAUST PIPES MAY BE ROTATED TO ALLOW MUFFLER TO POINT OUT TO THE RIGHT OR LEFT SIDE OF GENERATOR. (MAY NOT APPLY TO ALL UNITS)
 - GENERATOR SET MUST BE INSTALLED SUCH THAT FRESH COOLING AIR IS AVAILABLE AND DISCHARGE AIR FROM THE RADIATOR IS NOT RECIRCULATED.
 - BOTTOM OF GENERATOR SET MUST BE ENCLOSED TO PREVENT PEST INTRUSION AND RECIRCULATION OF DISCHARGE AIR AND/OR IMPROPER COOLING AIR FLOW.
 - INSTALL EXHAUST BLANKETS ALONG THIS LINE
 - CONNECT THE OPEN SET EXHAUST PER NFPA 37
 - BOLTS OR STUDS USED TO MOUNT UNIT TO PAD, OR BASE TANK, SHALL BE 5/8"-11 GRADE 5. USE STANDARD SAE TORQUE SPECS. (FOR INSTALLATION OF FUEL TANK TO PAD REFER TO INSTALL DRAWING OF THE BASE TANK)
- ADDITIONAL NOTES:
 FOR WEIGHT AND CENTER OF GRAVITY DATA SEE NOTE 6, AND SHEET 3.



DRAWING CREATED FROM PRO/ENGINEER 3D FILE. ECO MODIFICATION TO BE APPLIED TO SOLID MODEL ONLY.

DIMENSIONS ARE IN MILLIMETERS (INCHES)

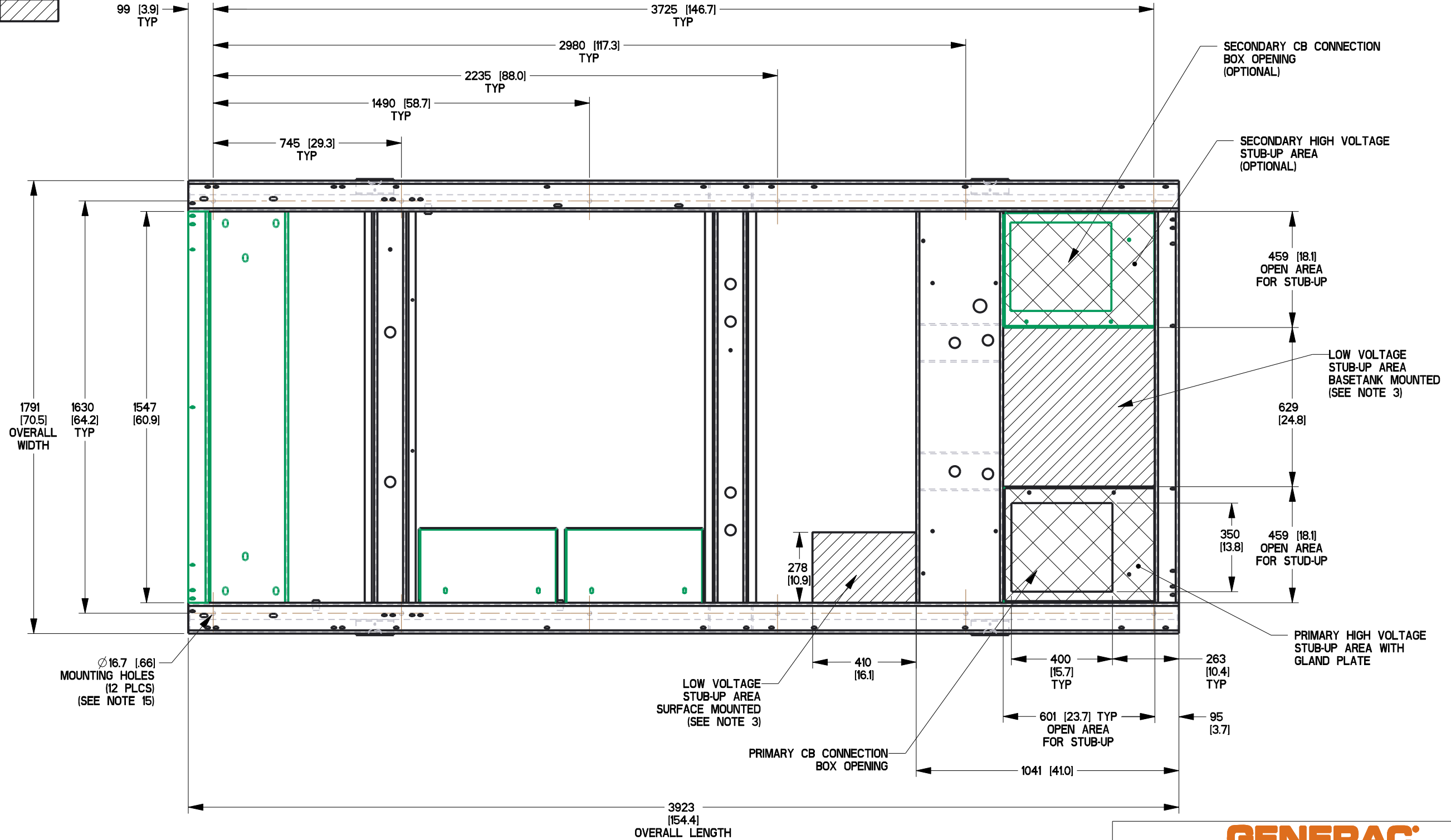
INSTALLATION DRAWING

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ELECTRONICALLY APPROVED
INSIDE WINDCHILL

GENERAC				
TITLE OPEN SET D18.1L SD600, PD540				
ISSUE DATE:		03/14/14		
SIZE	CAGE NO	DWG NO	OK1501	REV
B	N/A			H
SCALE	WT-KG	SHEET		1 of 3
0.030				

RECOMMENDED ELECTRICAL STUB-UP
 (HIGH VOLTAGE STUB-UP)
 AC LOAD LEAD CONDUIT FOR
 PERMANENT MAGNET EXCITATION
 CONNECTION BOX
 (LOW VOLTAGE STUB-UP)



DRAWING CREATED FROM PRO/ENGINEER 3D FILE. ECO MODIFICATION TO BE APPLIED TO SOLID MODEL ONLY.

DIMENSIONS ARE IN MILLIMETERS (INCHES)



TITLE
STUB-UP VIEW
D18.1L SD600, PD540

INSTALLATION DRAWING

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ELECTRONICALLY APPROVED
 INSIDE WINDCHILL

ISSUE DATE: 03/14/14		REV H	
SIZE B	CAGE NO N/A	DWG NO OK1501	REV H
SCALE 0.060	WT-KG	SHEET 2 of 3	

OPEN SET

MODEL	VOLTAGE	WEIGHT	CENTER OF GRAVITY DIM X	CENTER OF GRAVITY DIM Y	CENTER OF GRAVITY DIM Z
SD/MD 600, PD/WD 540	480V	4,706 kg [10,375 lbs]	1734 [68.3]	631 [24.8]	837 [33.0]
SD600, PD540	208V & 240V				
SD/MD 600, PD/WD 540	600V	4,889 kg [10,778 lbs]	1705 [67.2]	628 [24.7]	838 [33.0]
SD600, PD540	208V, 240V UPSIZED ALT. (723kw)				
SD/MD 600, PD/WD 540	480V UPSIZED ALT. (832kw)	4,794 kg [10,569 lbs]	1720 [67.7]	630 [24.8]	837 [33.0]
SD/MD 600, PD/WD 540	600V UPSIZED ALT. (730kw)				
SD/MD 600, PD/WD 540	600V UPSIZED ALT. (840kw)	4,627 kg [10,201 lbs]	1747 [68.8]	633 [24.9]	837 [33.0]

NOTE: CENTER OF GRAVITY AND WEIGHT MAY CHANGE DUE TO UNIT OPTIONS.

STD ENCLOSURE, STEEL

MODEL	VOLTAGE	WEIGHT	CENTER OF GRAVITY DIM X	CENTER OF GRAVITY DIM Y	CENTER OF GRAVITY DIM Z
SD/MD 600, PD/WD 540	480V	5,735 kg [12,643 lbs]	1988 [78.3]	746 [29.4]	795 [31.3]
SD600, PD540	208V & 240V				
SD/MD 600, PD/WD 540	600V	4,893 kg [10,787 lbs]	2193 [86.4]	782 [30.8]	797 [31.4]
SD600, PD540	208V, 240V UPSIZED ALT. (723kw)				
SD/MD 600, PD/WD 540	480V UPSIZED ALT. (832kw)	5,918 kg [13,047 lbs]	1956 [77.0]	739 [29.1]	795 [31.3]
SD/MD 600, PD/WD 540	600V UPSIZED ALT. (730kw)				
SD/MD 600, PD/WD 540	600V UPSIZED ALT. (840kw)	5,656 kg [12,470 lbs]	2003 [78.9]	749 [29.5]	795 [31.3]

STD ENCLOSURE, ALUMINUM

WEIGHT	CENTER OF GRAVITY DIM "X"	CENTER OF GRAVITY DIM "Y"	CENTER OF GRAVITY DIM "Z"
5,241 kg [11,555 lbs]	1903 [74.9]	700 [27.6]	790 [31.1]
4,400 kg [9,700 lbs]	2115 [83.3]	731 [28.8]	792 [31.2]
5,425 kg [11,960 lbs]	1871 [73.7]	695 [27.4]	790 [31.1]
5,330 kg [11,751 lbs]	1887 [74.3]	697 [27.5]	790 [31.1]
5,163 kg [11,383 lbs]	1917 [75.5]	702 [27.6]	791 [31.2]

L1A ENCLOSURE, STEEL

MODEL	VOLTAGE	WEIGHT	CENTER OF GRAVITY DIM X	CENTER OF GRAVITY DIM Y	CENTER OF GRAVITY DIM Z
SD/MD 600, PD/WD 540	480V	6,191 kg [13,649 lbs]	1867 [73.5]	774 [30.5]	802 [31.6]
SD600, PD540	208V & 240V				
SD/MD 600, PD/WD 540	600V	5,349 kg [11,793 lbs]	2031 [80.0]	812 [32.0]	851 [33.5]
SD600, PD540	208V, 240V UPSIZED ALT. (723kw)				
SD/MD 600, PD/WD 540	480V UPSIZED ALT. (832kw)	6,374 kg [14,052 lbs]	1841 [72.5]	767 [30.2]	801 [31.5]
SD/MD 600, PD/WD 540	600V UPSIZED ALT. (730kw)				
SD/MD 600, PD/WD 540	600V UPSIZED ALT. (840kw)	6,112 kg [13,475 lbs]	1878 [73.9]	777 [30.6]	802 [31.6]

L1A ENCLOSURE, ALUMINUM

WEIGHT	CENTER OF GRAVITY DIM "X"	CENTER OF GRAVITY DIM "Y"	CENTER OF GRAVITY DIM "Z"
5,438 kg [11,989 lbs]	1846 [72.7]	716 [28.2]	794 [31.3]
4,596 kg [10,133 lbs]	2036 [80.2]	748 [29.5]	796 [31.3]
5,621 kg [12,392 lbs]	1817 [71.5]	710 [28.0]	793 [31.2]
5,526 kg [12,183 lbs]	1832 [72.1]	713 [28.1]	794 [31.3]
5,359 kg [11,815 lbs]	1859 [73.2]	718 [28.3]	794 [31.3]

L2A ENCLOSURE, STEEL

MODEL	VOLTAGE	WEIGHT	CENTER OF GRAVITY DIM X	CENTER OF GRAVITY DIM Y	CENTER OF GRAVITY DIM Z
SD/MD 600, PD/WD 540	480V	6,344 kg [13,986 lbs]	2036 [80.2]	913 [36.0]	798 [31.4]
SD600, PD540	208V & 240V				
SD/MD 600, PD/WD 540	600V	5,502 kg [12,130 lbs]	2224 [87.6]	973 [38.3]	805 [31.7]
SD600, PD540	208V, 240V UPSIZED ALT. (723kw)				
SD/MD 600, PD/WD 540	480V UPSIZED ALT. (832kw)	6,527 kg [14,390 lbs]	2006 [79.0]	902 [35.5]	798 [31.4]
SD/MD 600, PD/WD 540	600V UPSIZED ALT. (730kw)				
SD/MD 600, PD/WD 540	600V UPSIZED ALT. (840kw)	6,265 kg [13,812 lbs]	2050 [80.7]	917 [36.1]	798 [31.4]

L2A ENCLOSURE, ALUMINUM

WEIGHT	CENTER OF GRAVITY DIM "X"	CENTER OF GRAVITY DIM "Y"	CENTER OF GRAVITY DIM "Z"
5,503 kg [12,132 lbs]	1932 [76.1]	786 [31.0]	792 [31.2]
4,662 kg [10,278 lbs]	2136 [84.1]	833 [32.8]	794 [31.3]
5,687 kg [12,538 lbs]	1900 [74.8]	778 [30.6]	792 [31.2]
5,592 kg [12,328 lbs]	1916 [75.4]	782 [30.8]	792 [31.2]
5,425 kg [11,960 lbs]	1946 [76.6]	790 [31.1]	792 [31.2]

DRAWING CREATED FROM PRO/ENGINEER 3D FILE. ECO MODIFICATION TO BE APPLIED TO SOLID MODEL ONLY.

INSTALLATION DRAWING

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ELECTRONICALLY APPROVED INSIDE WINDCHILL



TITLE WEIGHT & CENTER OF GRAVITY D18.1L SD600, PD540

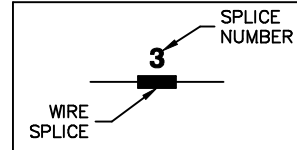
ISSUE DATE: 03/14/14		REV H	
SIZE B	CAGE NO N/A	DWG NO 0K1501	SCALE 0.030
WT-KG		SHEET 3 of 3	

LEGEND

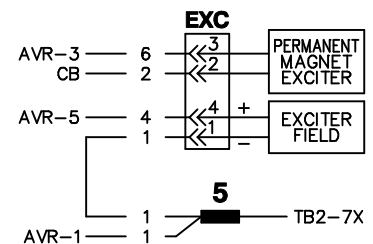
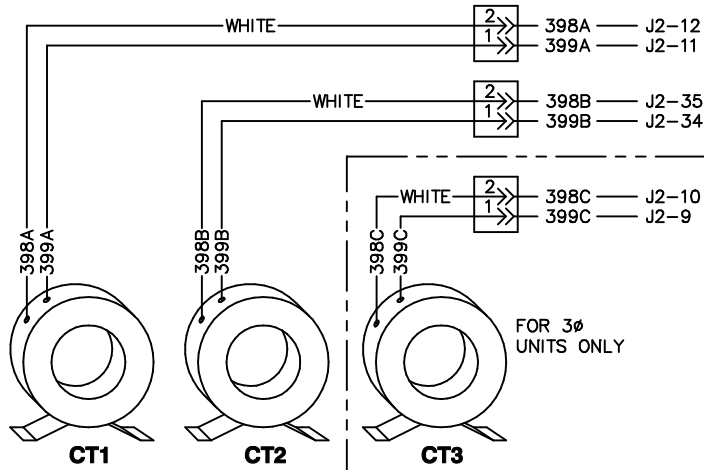
AH1 - ALARM HORN	J_ - ENGINE CONTROL MODULE CONNECTORS
ALT - DC CHARGE ALTERNATOR	LD - LEAK DETECTOR
AVR - AUTO VOLTAGE REGULATOR	MLCB - MAIN LINE CIRCUIT BREAKER
BCC - BATTERY CHARGER CONNECTOR	MOD - MODEM CONNECTOR
BCH - BATTERY CHARGER	NB - NEUTRAL BLOCK
CAN - CONTROLLER AREA NETWORK	OTC - OIL TEMPERATURE CONNECTOR
CB - CIRCUIT BREAKER DPE	OTS - OIL TEMPERATURE SENDER
CO - CROSSOVER CONNECTOR	PDL - PERKINS DATA LINK
COM - COMMUNICATION CONNECTOR	R1 - RESISTOR
CT - CURRENT TRANSFORMER	RB - RELAY BOARD
DB - DIODE BRIDGE	RB_A - RELAY BOARD CONNECTOR
ECU - ENGINE CONTROL UNIT	SC - STARTER CONTACTOR
ES1 - EMERGENCY STOP SWITCH	SM - STARTER MOTOR
EXC - EXCITER	SW1 - OFF/AUTO/MANUAL SWITCH
F - FUSE	SWC - SWITCH CONNECTOR
FLS - FUEL LEVEL SENDER	TB - TERMINAL BLOCKS
GFCI - GROUND FAULT CIRCUIT INTERRUPT	WLS - COOLANT LEVEL SENDER
GND - GROUND BAR CONNECTION	Y_ - CAN BUS Y-CONNECTOR
IFT - INTERFACE TRANSFORMER	

NOTE: ALL WIRES 18 AWG
300V UL LISTED UNLESS
SHOWN OTHERWISE

12 AWG SIZE



COMPONENTS LOCATED IN ALTERNATOR CONNECTION BOX



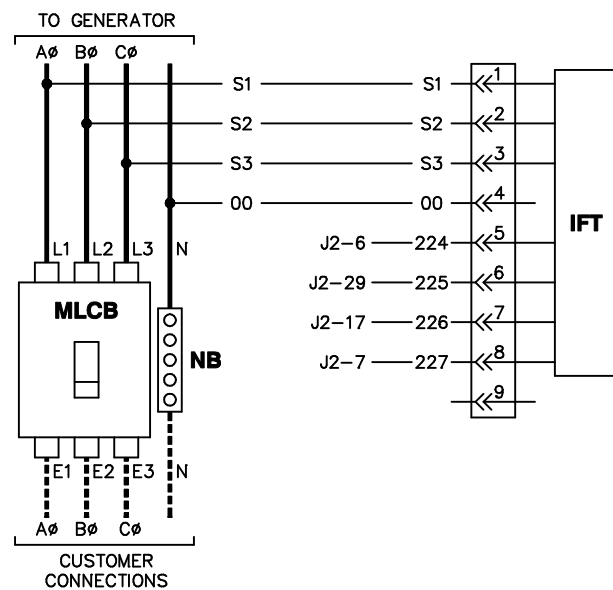
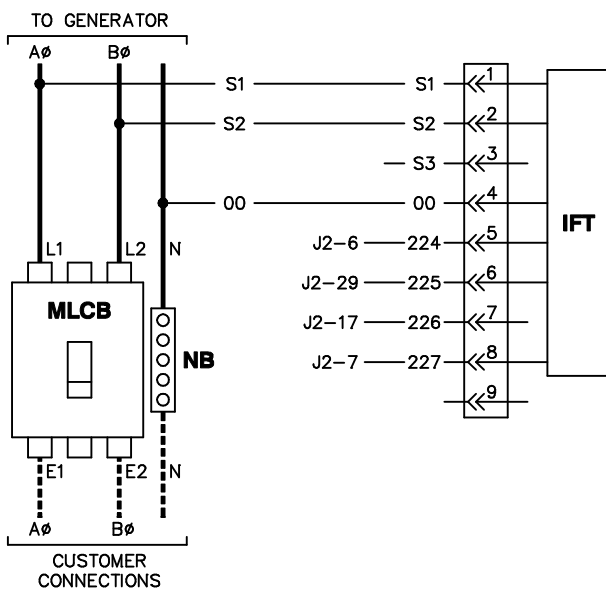
SEE DRAWING OH9846 FOR CT WIRING.

COMPONENTS LOCATED IN HIGH VOLTAGE CUSTOMER CONNECTION MODULE

CONNECTIONS FOR 1Ø UNIT

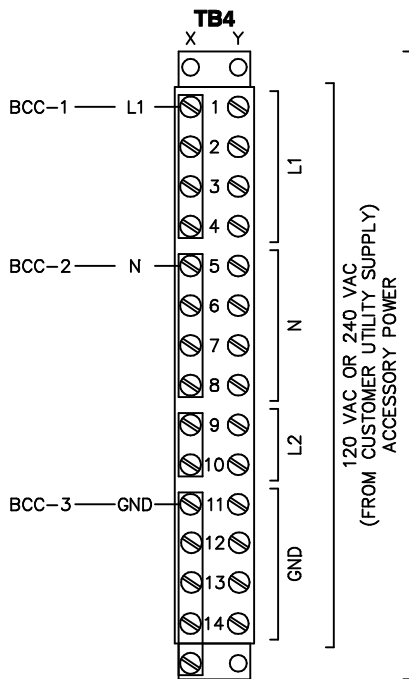
NOTE: ALL WIRES IN THIS SECTION ARE 600V RATED

CONNECTIONS FOR 3Ø UNIT

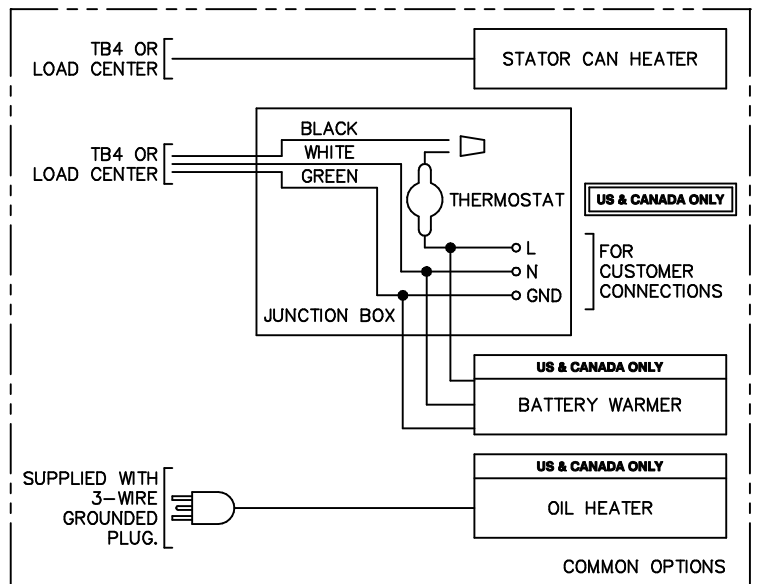
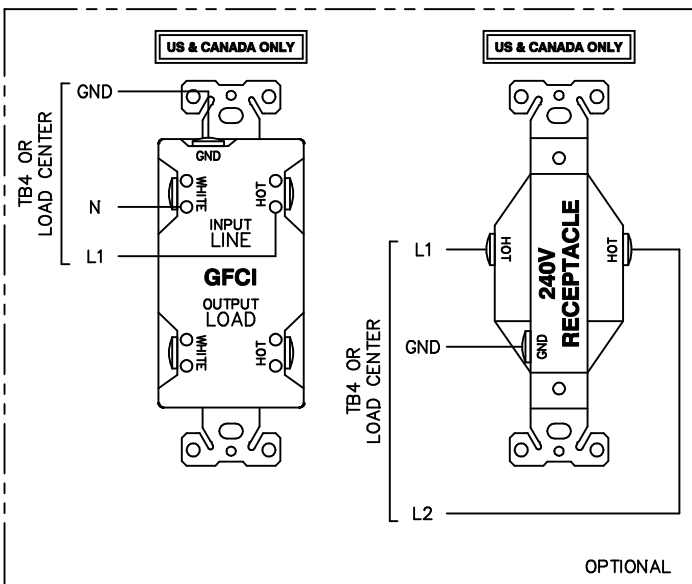
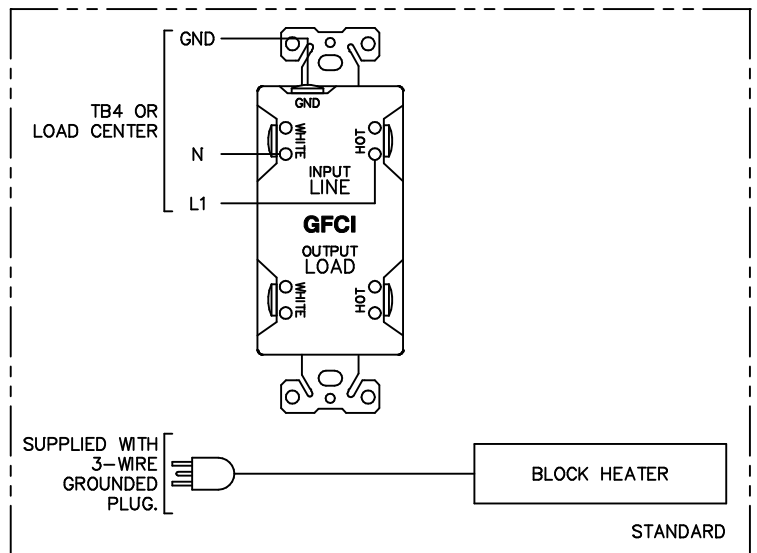
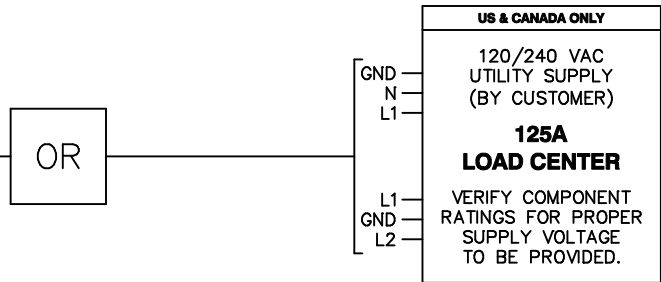


COMPONENTS LOCATED IN HIGH VOLTAGE CUSTOMER CONNECTION MODULE

NOTE: ALL WIRES ON THIS PAGE ARE 600V RATED

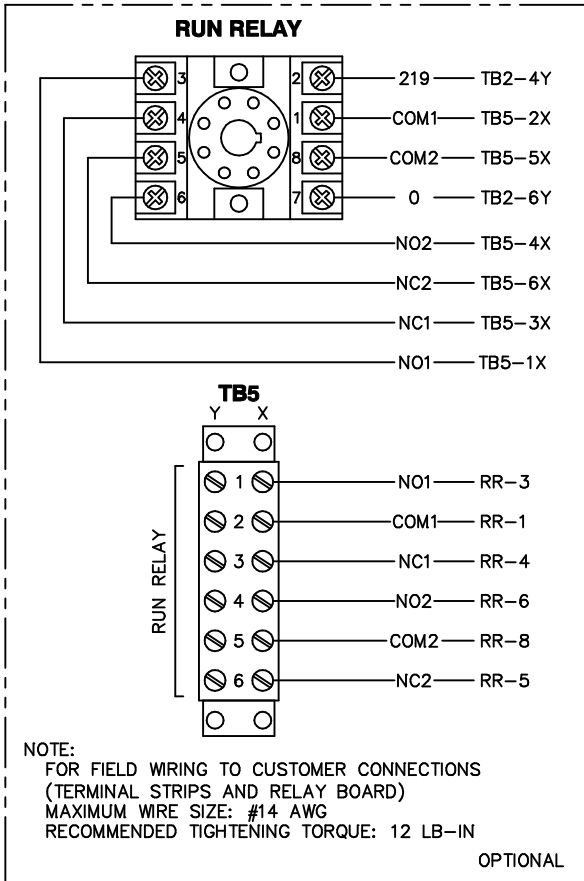


NOTE:
FOR FIELD WIRING TO CUSTOMER CONNECTIONS (TERMINAL STRIP)
MAXIMUM WIRE SIZE: #10 AWG
RECOMMENDED TIGHTENING TORQUE: 14 LB-IN

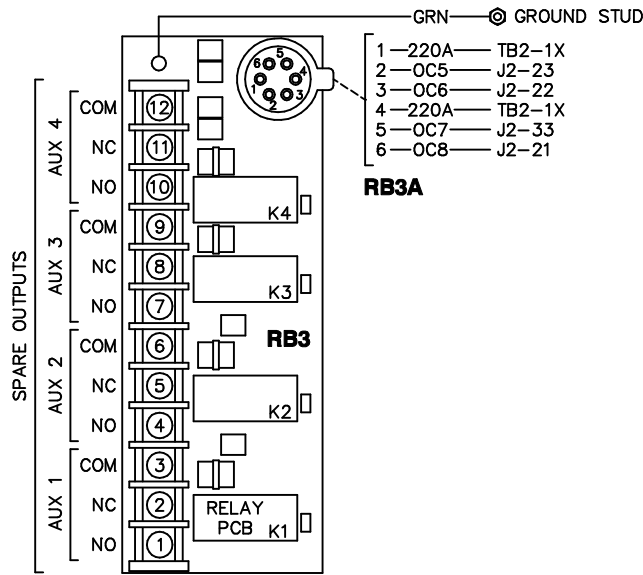


COMPONENTS LOCATED IN HIGH VOLTAGE CUSTOMER CONNECTION MODULE

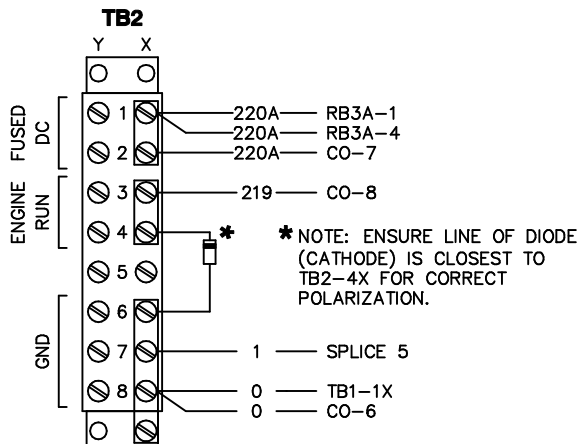
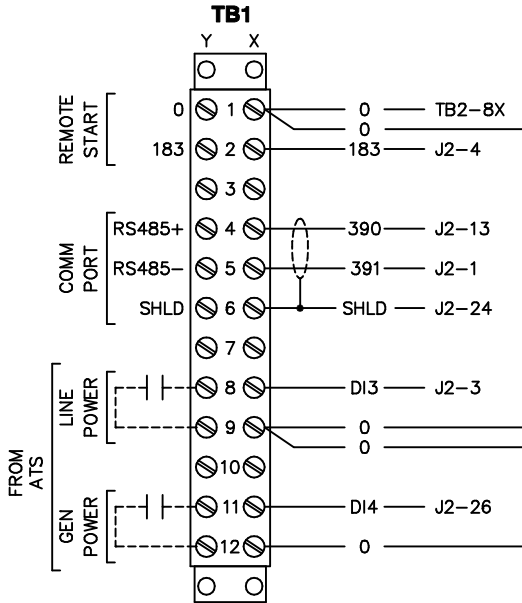
NOTE: ALL WIRES ON THIS PAGE ARE 600V RATED



COMPONENTS LOCATED ON LOW VOLTAGE CUSTOMER CONNECTION PANEL

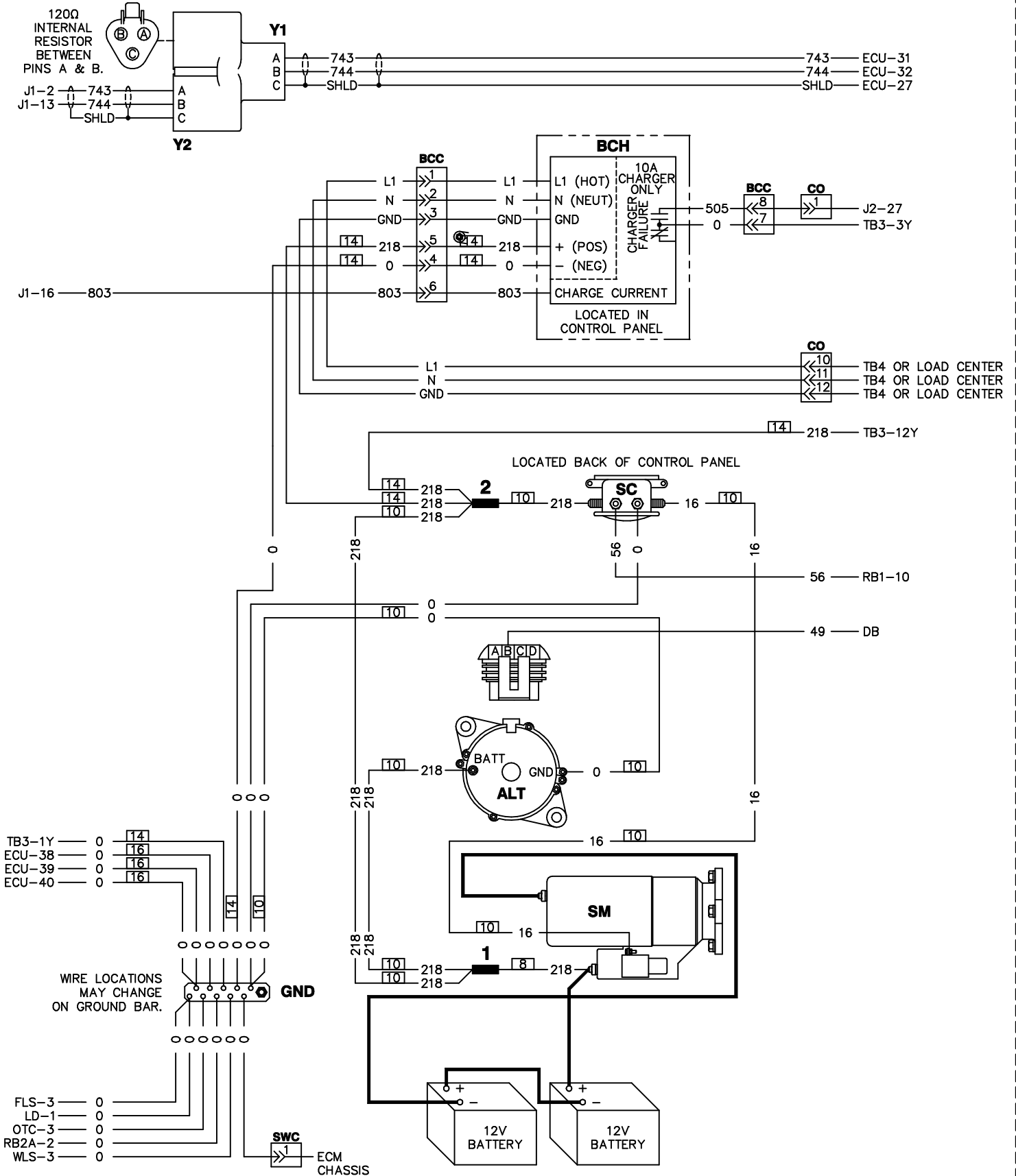


CUSTOMER CONNECTIONS

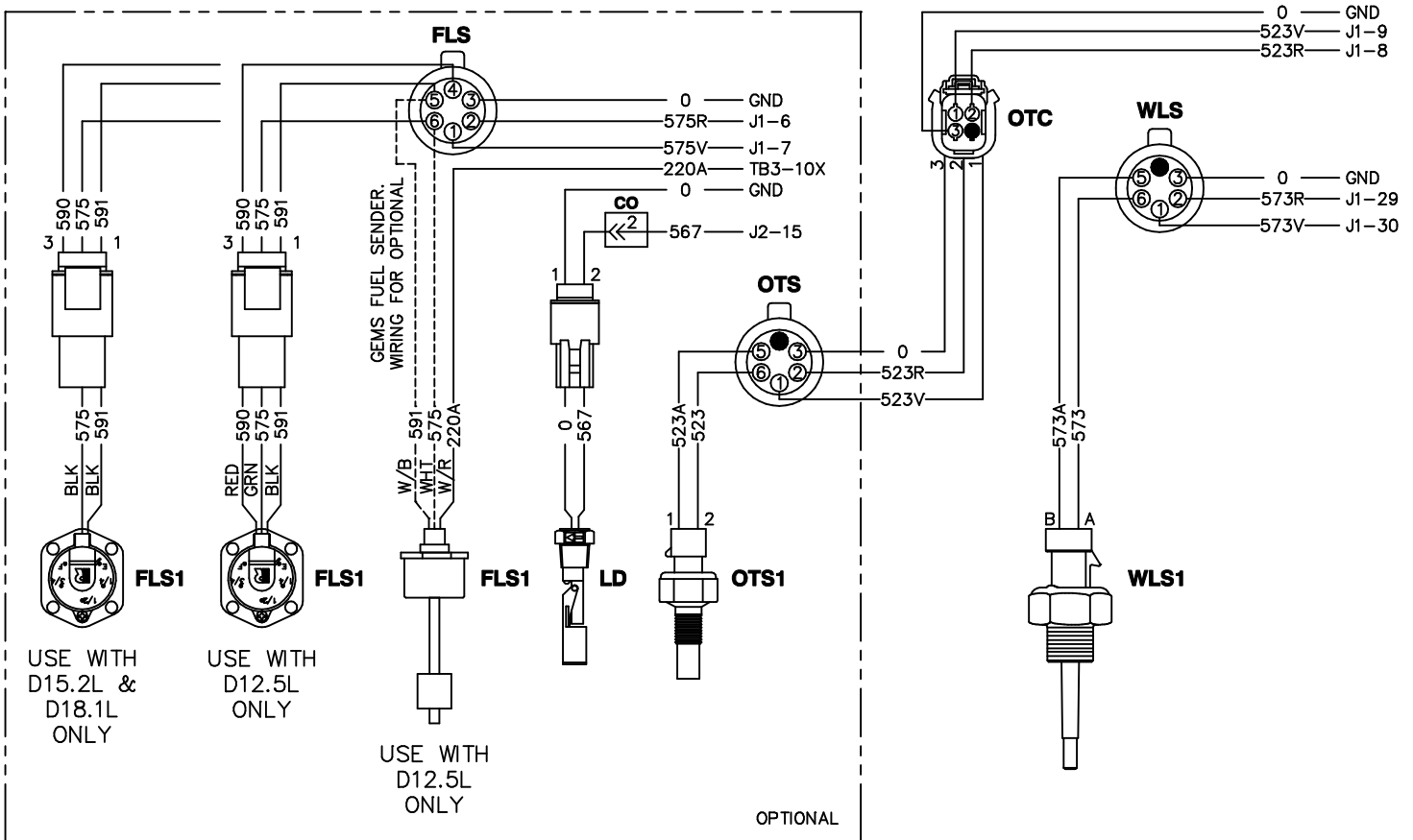


NOTE:
FOR FIELD WIRING TO CUSTOMER CONNECTIONS (TERMINAL STRIPS AND RELAY BOARD)
MAXIMUM WIRE SIZE: #14 AWG
RECOMMENDED TIGHTENING TORQUE: 12 LB-IN

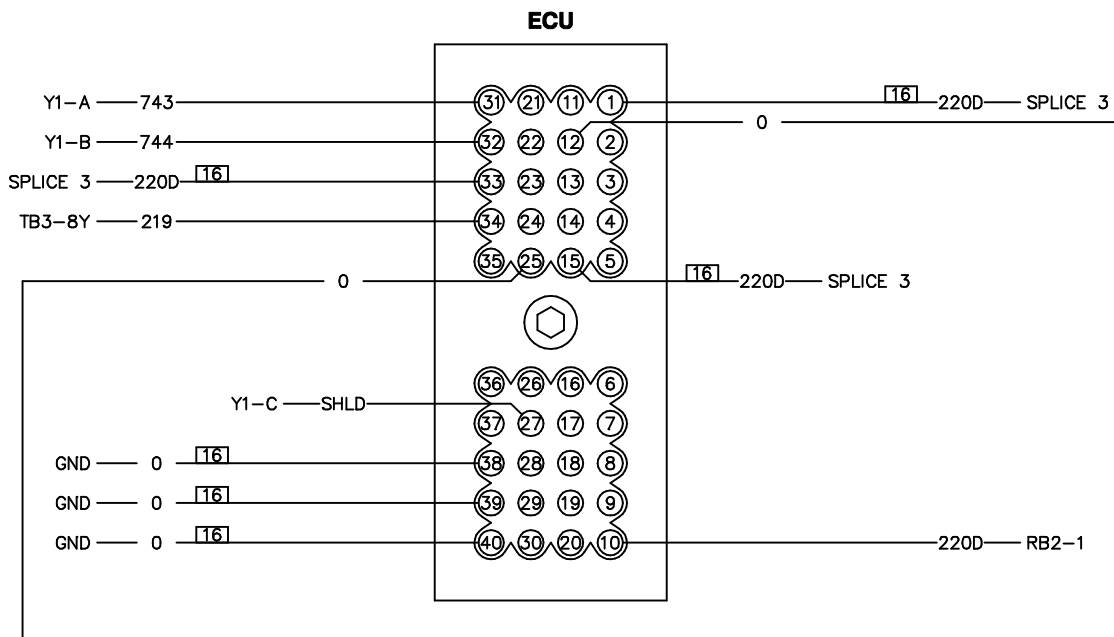
COMPONENTS LOCATED ON ENGINE



COMPONENTS LOCATED ON ENGINE

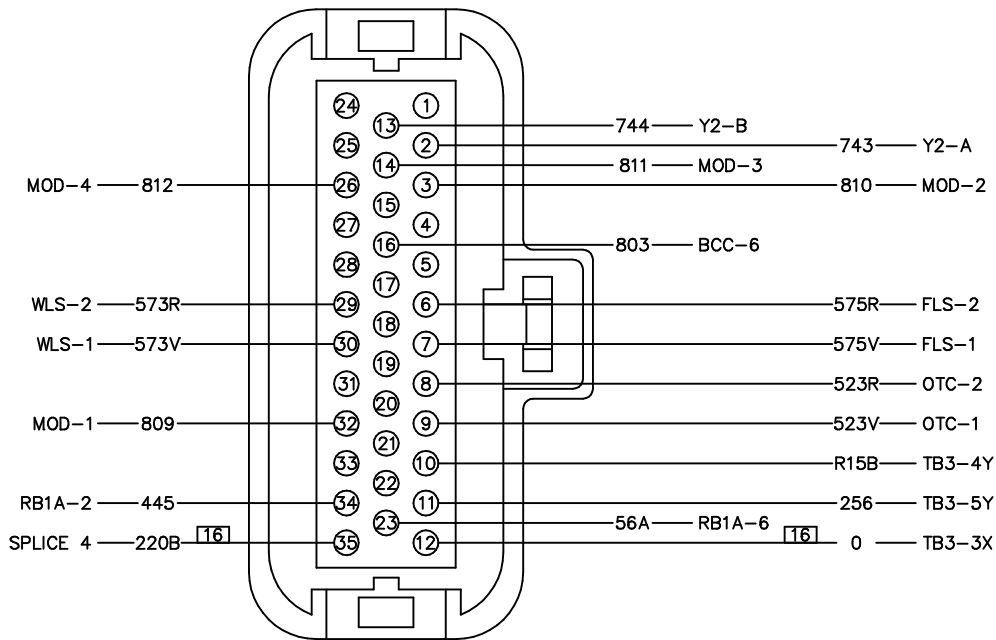


ENGINE CONTROL UNIT

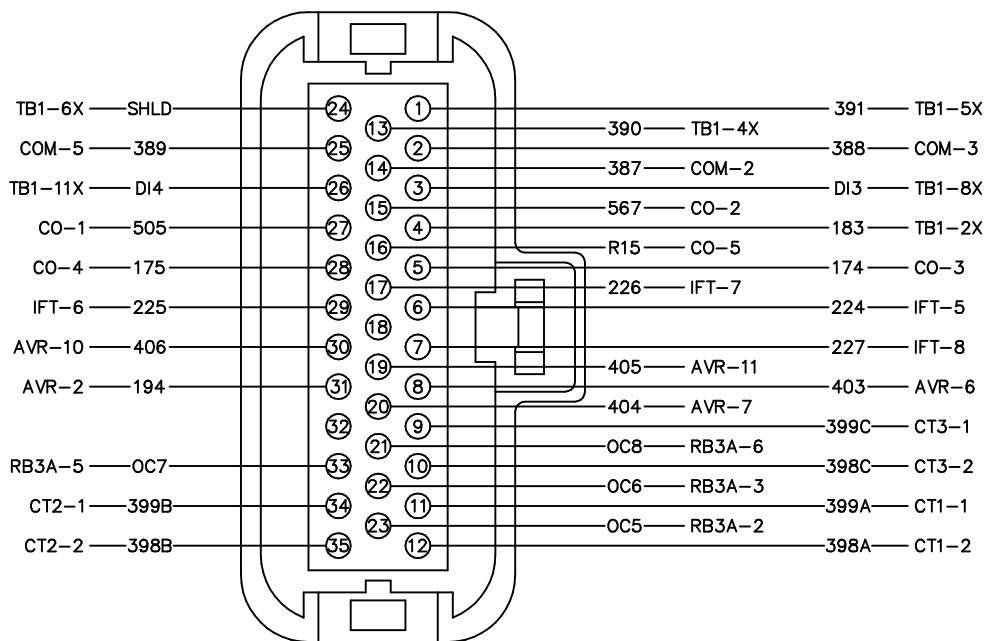


ENGINE CONTROL MODULE CONNECTORS

J1

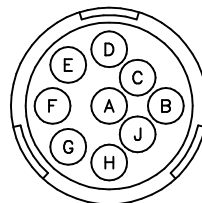


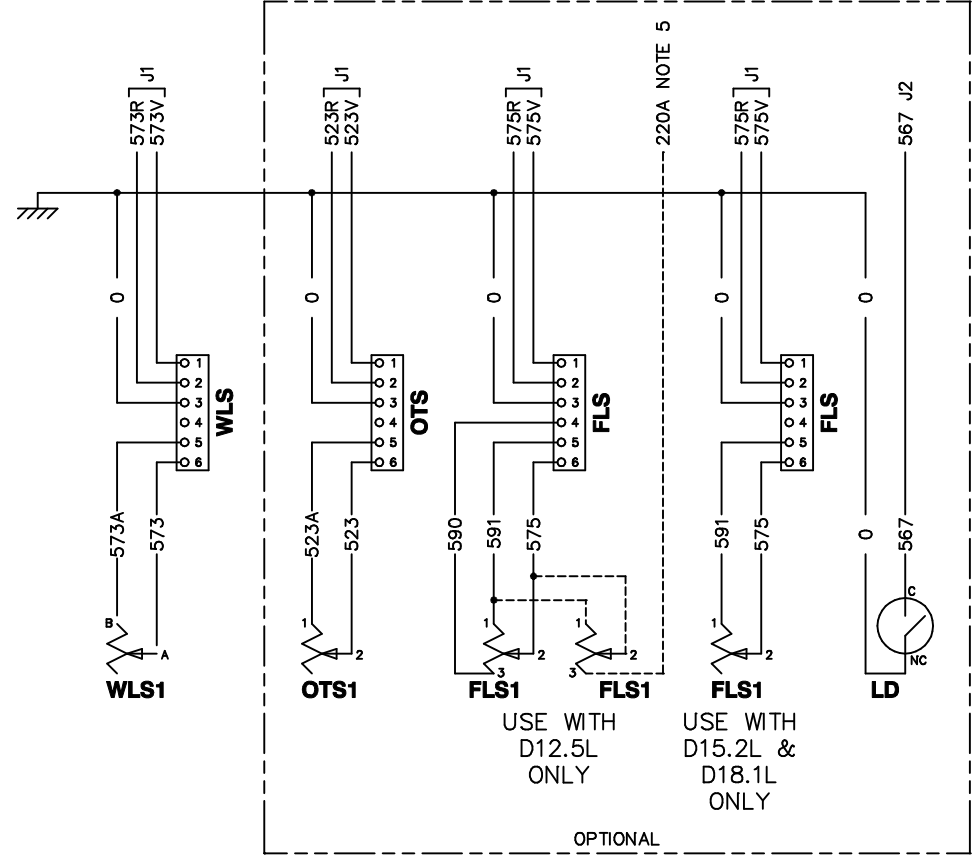
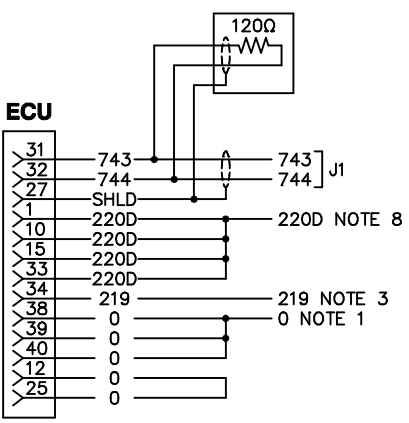
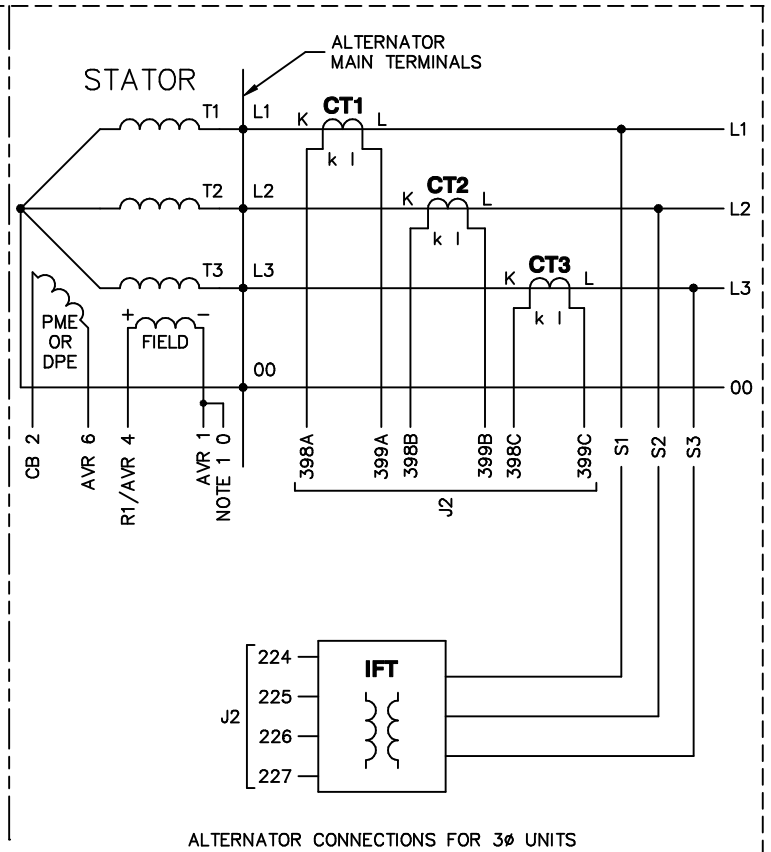
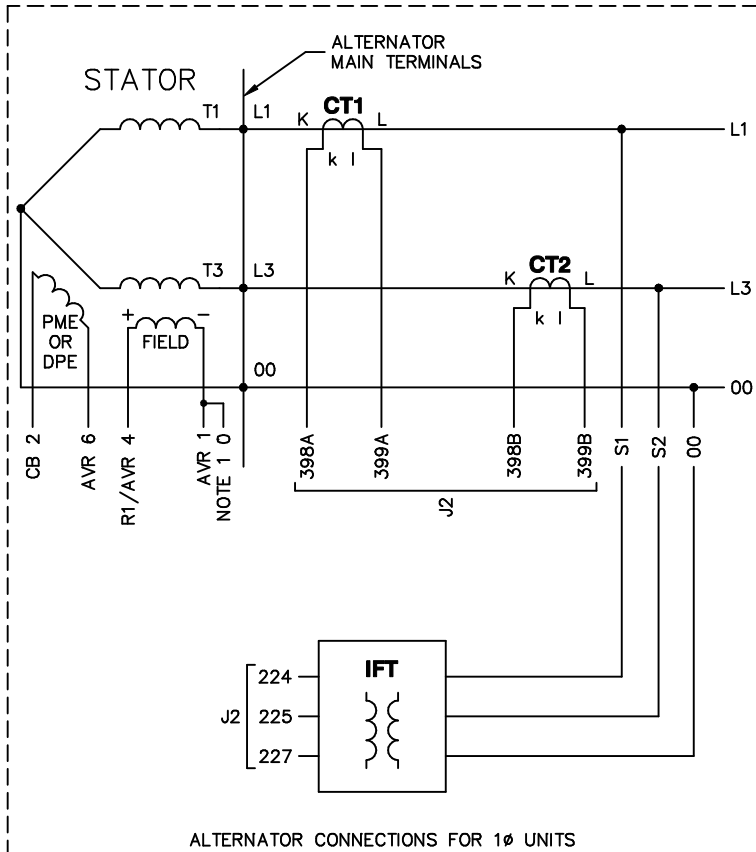
J2

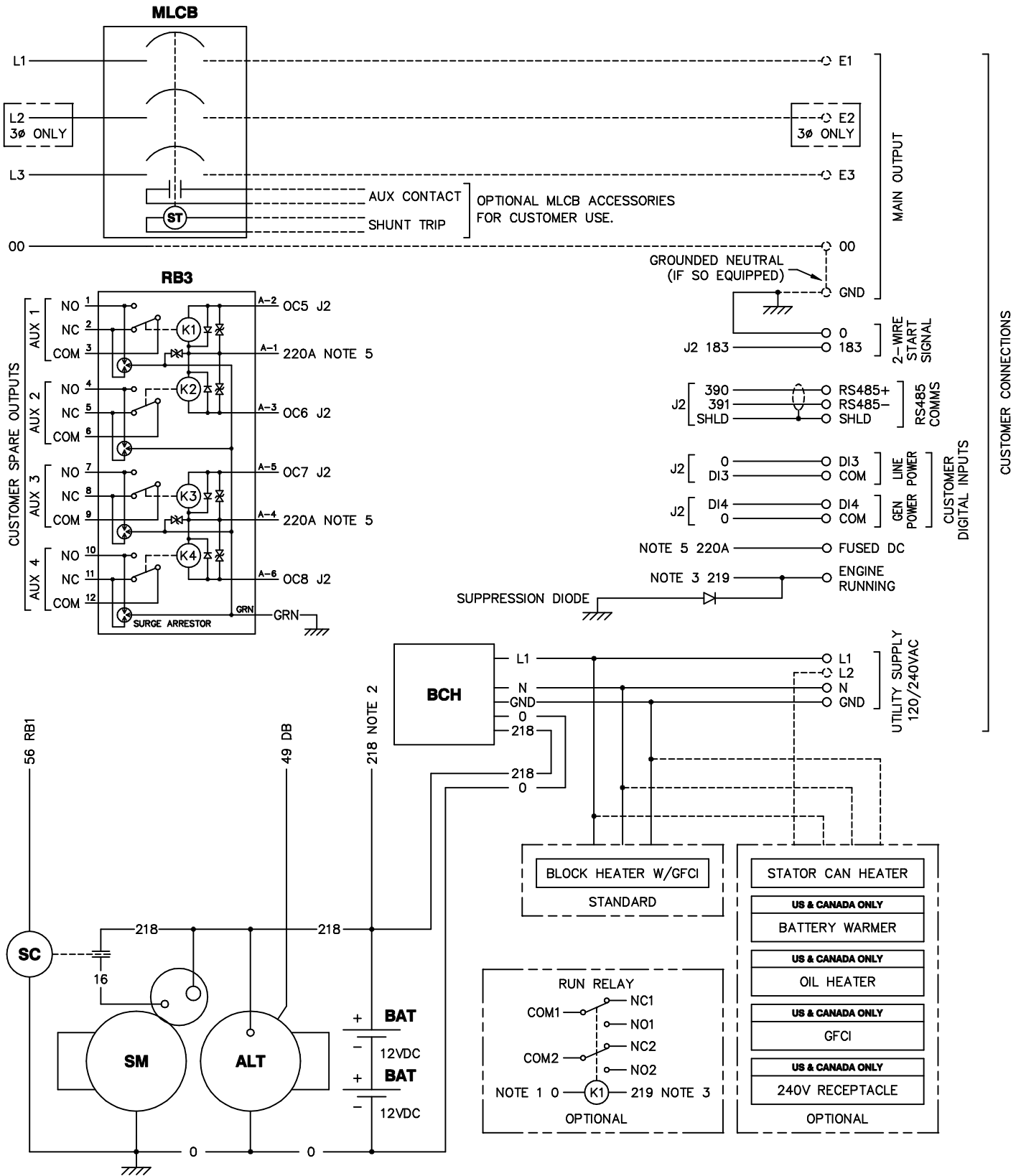


COMMUNICATIONS CONNECTOR

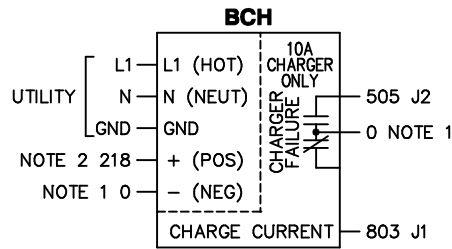
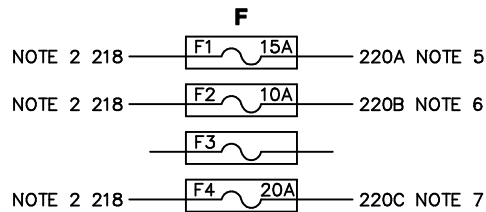
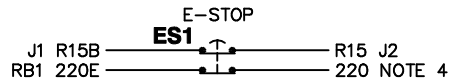
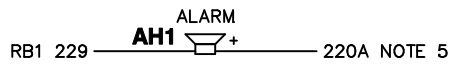
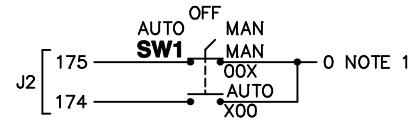
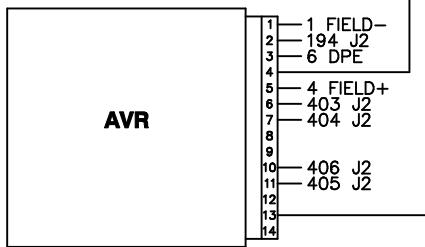
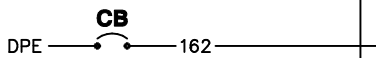
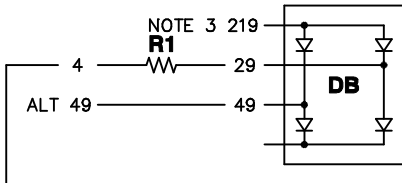
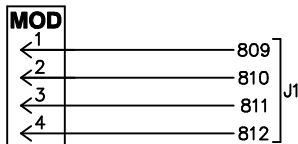
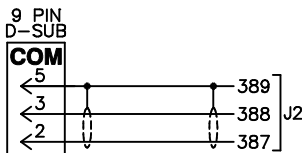
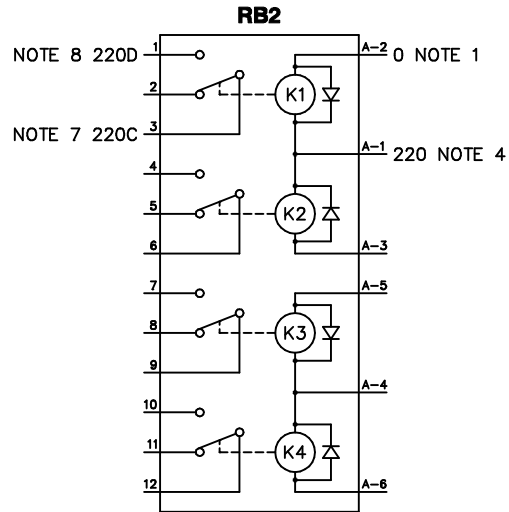
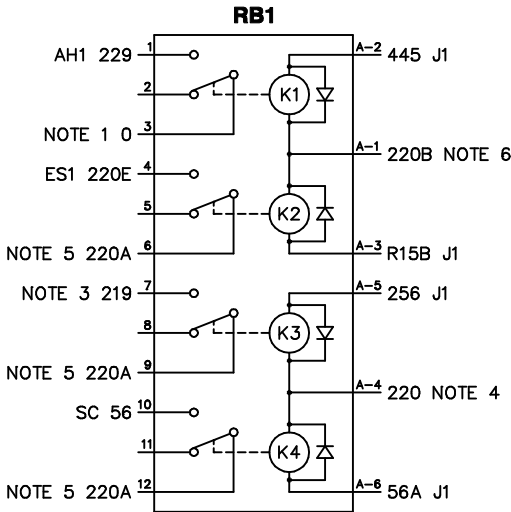
- BATTERY (+) — A
- BATTERY (-) — B
- CAN SCREEN — C
- PDL (+) — D
- PDL (-) — E
- CAN (-) — F
- CAN (+) — G
- (NOT CONNECTED) J1587 (-) — H
- (NOT CONNECTED) J1587 (+) — J







NOTE:
 FOR FIELD WIRING TO CUSTOMER CONNECTIONS
 (TERMINAL STRIPS AND RELAY BOARDS)
 MAXIMUM WIRE SIZE: #14 AWG
 RECOMMENDED TIGHTENING TORQUE: 12 LB-IN



LEGEND

00 - NEUTRAL	COM - COMMUNICATION CONNECTOR	GFCI - GROUND FAULT CIRCUIT INTERRUPT	PME - PERMANENT MAGNET EXCITER
AH1 - ALARM HORN	CT_ - CURRENT TRANSFORMER	IFT - INTERFACE TRANSFORMER	R1 - RESISTOR
ALT - DC CHARGE ALTERNATOR	DB - DIODE BRIDGE	J_ - ENGINE CONTROL MODULE CONN.	RB_ - RELAY BOARD
AVR - AUTO VOLTAGE REGULATOR	DPE - EXCITER	LD - LEAK DETECTOR	SC - STARTER CONTACTOR
BAT - BATTERY	ECU - ENGINE CONTROL UNIT	MLCB - MAIN LINE CIRCUIT BREAKER	SM - STARTER MOTOR
BCH - BATTERY CHARGER	ES1 - EMERGENCY STOP SWITCH	MOD - MODEM CONNECTOR	SW1 - OFF/AUTO/MANUAL SWITCH
CAN - CONTROLLER AREA NETWORK	F_ - FUSE	OTS_ - OIL TEMPERATURE SENDER	WLS_ - COOLANT LEVEL SENDER
CB - CIRCUIT BREAKER	FLS_ - FUEL LEVEL SENDER	PDL - PERKINS DATA LINK	

AVR CONNECTOR

PIN	WIRE	TO	FUNCTION
1	1	FIELD	- FIELD
2	194	J2-31	+12VDC
3	6	DPE	DPE OUTPUT
4	4	R1/FIELD	+ FIELD
5	4	R1/FIELD	+ FIELD
6	403	J2-8	GATE TRIGGER B
7	404	J2-20	GATE TRIGGER A
10	406	J2-30	ZERO CROSSING I/P
11	405	J2-19	GROUND (ISO)
13	162	CB	DPE OUTPUT (AFTER CB)

COMMUNICATIONS CONNECTOR (SUPPLIED WITH ECU HARNESS)

PIN	WIRE	TO	FUNCTION
A	-	-	BATTERY +
B	-	-	BATTERY -
C	-	-	CAN SCREEN
D	-	-	PDL +
E	-	-	PDL -
F	-	-	CAN -
G	-	-	CAN +
H	-	-	J1587 - (NOT CONNECTED)
J	-	-	J1587 + (NOT CONNECTED)

ECU CONNECTOR

PIN	WIRE	TO	FUNCTION
1	220D	RB2-1	NOTE 8
10	220D	RB2-1	NOTE 8
12	0	ECU-25	ECU SPEED SELECT
15	220D	RB2-1	NOTE 8
25	0	ECU-12	ECU SPEED SELECT
27	SHLD	CUT	CAN DRAIN
31	743	J1-2	CAN HIGH
32	744	J1-13	CAN LOW
33	220D	RB2-1	NOTE 8
34	219	TB3-8Y	FUEL INJECTOR ENABLE
38	0	GND	NOTE 1
39	0	GND	NOTE 1
40	0	GND	NOTE 1

ENGINE CONTROL MODULE CONNECTIONS

J1

PIN	WIRE	TO	FUNCTION
2	743	ECU-31	CAN HIGH
3	810	MOD-2	MODEM SIGNAL RETURN
6	575R	FLS-2	FUEL LEVEL RTN
7	575V	FLS-1	FUEL LEVEL +
8	523R	OTC-2	OIL TEMPERATURE RTN
9	523V	OTC-1	OIL TEMPERATURE +
10	R15B	ES1	OVERSPEED/WATCHDOG
11	256	RB1A-5	FUEL RELAY
12	0	GND	NOTE 1
13	744	ECU-32	CAN LOW
14	811	MOD-3	MODEM DATA CARRIER DETECT
16	803	BCH	BAT CHARGER CURRENT
23	56A	RB1A-6	STARTER RELAY
26	812	MOD-4	MODEM ENABLE
29	573R	WLS-2	COOLANT LVL RTN
30	573V	WLS-1	COOLANT LVL +
32	809	MOD-1	MODEM 12V POWER
34	445	RB1A-2	ALARM RELAY
35	220B	F2	NOTE 6

J2

PIN	WIRE	TO	FUNCTION
1	391	CUST CON	RS485- (XFER SW)
2	388	COM-3	RS232 TX (GENLINK)
3	D13	CUST CON	SPARE IN 3/LINE PWR
4	183	CUST CON	REMOTE START
5	174	SW1	"AUTO" START
6	224	IFT	V SENSE GEN A PH
7	227	IFT	V SENSE RTN
8	403	AVR-6	AVR GATE TRIGGER B
9	399C	CT3	GEN C PH CURRENT -
10	398C	CT3	GEN C PH CURRENT +
11	399A	CT1	GEN A PH CURRENT -
12	398A	CT1	GEN A PH CURRENT +
13	390	CUST CON	RS485+ (XFER SW)
14	387	COM-2	RS232 RX (GENLINK)
15	567	LD	LEAK DETECTOR
16	R15	ES1	EMERGENCY STOP
17	226	IFT	V SENSE GEN C PH
19	405	AVR-11	AVR GROUND
20	404	AVR-7	AVR GATE TRIGGER A
21	OC8	RB3A-6	SPARE OUTPUT 4
22	OC6	RB3A-3	SPARE OUTPUT 2
23	OC5	RB3A-2	SPARE OUTPUT 1
24	SHLD	CUST CON	RS485 DRAIN (XFER SW)
25	389	COM-5	RS232 COM (GENLINK)
26	D14	CUST CON	SPARE IN 4/GEN PWR
27	505	BCH	BAT CHARGER FAIL
28	175	SW1	"MANUAL" START
29	225	IFT	V SENSE GEN B PH
30	406	AVR-10	AVR ZERO CROSSING I/P
31	194	AVR-2	AVR +12VDC
33	OC7	RB3A-5	SPARE OUTPUT 3
34	399B	CT2	GEN B PH CURRENT -
35	398B	CT2	GEN B PH CURRENT +

* - CONNECTIONS NOT USED IN 1Ø UNITS.

NOTES:

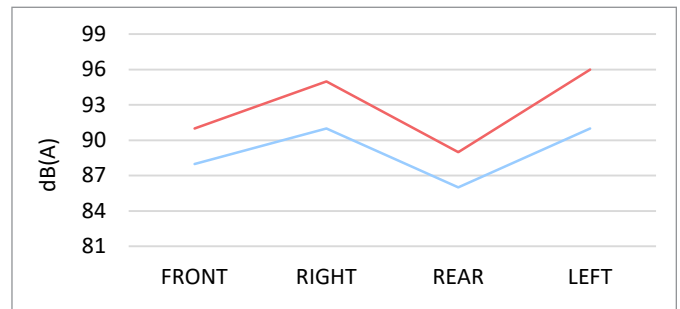
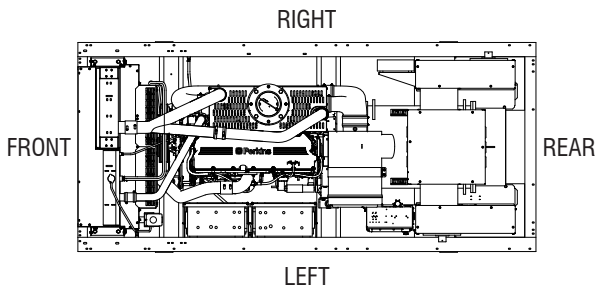
- 1) WIRE# 0 IS CHASSIS GROUND (BATTERY -) UNLESS NOTED OTHERWISE.
- 2) WIRE# 218 IS UNFUSED +24VDC (BATTERY +).
- 3) WIRE# 219 IS FUSED +24VDC WHEN GENERATOR IS CRANKING OR RUNNING.
- 4) WIRE# 220 IS FUSED +24VDC WHEN E-STOP IS NOT ACTIVATED.
- 5) WIRE# 220A IS FUSED +24VDC FOR GENERAL USE.
- 6) WIRE# 220B IS FUSED +24VDC FOR THE GENERATOR CONTROL MODULE.
- 7) WIRE# 220C IS FUSED +24VDC TO SOURCE SWITCHED POWER FOR ENGINE CONTROL UNIT
- 8) WIRE# 220D IS FUSED +24VDC FOR ENGINE CONTROL UNIT WHEN E-STOP IS NOT ACTIVATED.
- 9) WIRE# 220E IS FUSED +24VDC CONTROLLED BY GENERATOR CONTROL MODULE PRIOR TO E-STOP.

OPEN SET

D18.1 Perkins, SD600

60Hz NO-LOAD, dB(A)		DISTANCE: 7 METERS								
MICROPHONE LOCATION	OCTAVE BAND CENTER FREQUENCY (Hz)									
	31.5	63	125	250	500	1,000	2,000	4,000	8,000	dB(A)
FRONT	46	63	77	82	82	83	81	76	68	88
RIGHT	40	61	75	81	85	88	85	81	73	91
REAR	44	60	76	78	79	83	78	72	64	86
LEFT	44	61	76	79	83	88	86	82	72	91
AVERAGE:	43	61	76	80	82	85	82	77	69	89

60Hz FULL-LOAD, dB(A)		DISTANCE: 7 METERS								
MICROPHONE LOCATION	OCTAVE BAND CENTER FREQUENCY (Hz)									
	31.5	63	125	250	500	1,000	2,000	4,000	8,000	dB(A)
FRONT	56	65	77	84	82	86	85	81	73	91
RIGHT	42	68	77	83	87	90	90	87	80	95
REAR	56	68	78	81	79	86	83	79	72	89
LEFT	48	67	78	83	84	91	92	89	80	96
AVERAGE:	51	67	78	83	83	88	88	84	76.3	93



- All positions at 23 feet (7 meters) from side faces of generator set.
- Test conducted on a 100 foot diameter asphalt surface.
- Sound pressure levels are subject to instrumentation, installation and testing conditions.
- Open set sound data excludes exhaust contribution.
- Sound levels are ± 2 dB(A).

STATEMENT OF EXHAUST EMISSIONS

2019 PERKINS DIESEL FUELED GENERATOR

The measured emissions values provided here are proprietary to Generac and its authorized dealers. This information may only be disseminated upon request, to regulatory governmental bodies for emissions permitting purposes or to specifying organizations as submittal data when expressly required by project specifications, and shall remain confidential and not open to public viewing. This information is not intended for compilation or sales purposes and may not be used as such, nor may it be reproduced without the expressed written permission of Generac Power Systems, Inc. The data provided shall not be meant to include information made public by Generac.

Generator Model:	SD/MD600	EPA Certificate Number:	KCPXL18.1NYS-009
kW _e Rating:	600	CARB Certificate Number:	Not Applicable
Engine Family:	KCPXL18.1NYS	SCAQMD CEP Number:	545379
Engine Model:	2806C-E18TAG3	Emission Standard Category:	Tier 2
Rated Engine Power (BHP)*:	909	Certification Type:	Stationary Emergency CI
Fuel Consumption (gal/hr)*:	41.4		(40 CFR Part 60 Subpart IIII)
Aspiration:	Turbo/Aftercooled		
Rated RPM:	1800		

*Engine Power and Fuel Consumption are declared by the Engine Manufacturer of Record and the U.S. EPA.

Emissions based on engine power of specific Engine Model.
(These values are actual composite weighted exhaust emissions results over the EPA 5-mode test cycle.)

CO	NOx + NMHC	PM	
0.80	5.20	0.07	Grams/kW-hr
0.60	3.88	0.05	Grams/bhp-hr

- The stated values are actual exhaust emission test measurements obtained from an engine representative of the type described above.
- Values based on 5mode testing are official data of record as submitted to regulatory agencies for certification purposes. Testing was conducted in accordance with prevailing EPA protocol, which is typically accepted by SCAQMD and other regional authorities.
- No emissions values provided above are to be construed as guarantees of emission levels for any given Generac generator unit.
- Generac Power Systems, Inc. reserves the right to revise this information without prior notice.
- Consult state and local regulatory agencies for specific permitting requirements.
- The emission performance data supplied by the equipment manufacturer is only one element required toward completion of the permitting and installation process. State and local regulations may vary on a case-by-case basis and local agencies must be consulted by the permit application/equipment owner prior to equipment purchase or installation. The data supplied herein by Generac Power Systems cannot be construed as a guarantee of installability of the generating set.

Certification of Quality

Generac Power Systems certifies that the products we manufacture have been built and tested in accordance with strict internal and external standards for quality. Our quality management system has been registered with the internationally recognized ISO 9001:2008 standard and our products comply with external standards that include, but are not limited to, CSA, NEMA, EGSA, ISO, and UL.

The Generac Quality Management System (GQMS) ensures the highest standards of quality at every level of production, from raw materials to the finished product. This includes receiving inspection, in-process checks, product and process audits, testing, final inspections, and shipping standards.

Tests of our products are performed in accordance with our internal procedures and controlled through the GQMS to ensure accuracy and effectiveness. The testing process and product designs comply with external standards which may include, but are not limited to: ISO 8528-5, ISO 3046, NFPA 99, NFPA 110, BS 5514, SAE J1349, and DIN 6271.

Generac Power Systems has over one million square feet of manufacturing space and over 2000 employees dedicated to designing and manufacturing power generation equipment in our multiple State of Wisconsin, USA factories. All of our installed and mobile generators are built with pride by our skilled American workforce to ensure our customers receive the quality that they expect from Generac.

We are committed to producing quality products for both our internal and external customers. We will continuously improve our processes and diligently measure all aspects of our business.

Daniel Waschow

Vice President of Quality
Generac Power Systems, Inc.
Waukesha, Wisconsin USA

Generac Power Systems 2 Year (2B) Limited Warranty for Industrial Standby Generators

For the period of warranty noted below, which begins upon the successful start-up and/or on-line activation of the unit, Generac Power Systems, Inc. "Generac" warrants that its Generator will be free from defects in material and workmanship for the items and period set forth below. Generac will, at its discretion, repair or replace any part(s) which, upon evaluation, inspection and testing by Generac or an Independent Authorized Service Dealer, is found to be defective. Any equipment that the purchaser/owner claims to be defective must be evaluated by the nearest Independent Authorized Service Dealer. Emissions components are excluded from coverage under this extended warranty. Emissions warranty coverage is detailed in a separate emissions warranty.

Warranty Coverage: Warranty coverage period is for Two (2) years or two-thousand (2,000) hours, whichever occurs first.

Warranty Coverage in Year(s): 1	Warranty Coverage in Year(s): 2
Parts, Labor and Limited Travel	Limited Parts Only

Limited Gearbox Coverage:

Year(s): 1-5 Coverage	Year(s): 6-10 Coverage
Limited Parts and Labor	Limited Parts Only

Guidelines:

- | | |
|--|--|
| <ol style="list-style-type: none"> 1. Unit must be registered and proof of purchase available. 2. Any and all warranty repairs and/or concerns must be performed and/or addressed by an Independent Authorized Service Dealer, or branch thereof. Repairs or diagnostics performed by individuals other than Independent Authorized Service Dealers not authorized in writing by Generac will not be covered. 3. This Warranty is transferable between ownership of original install site. 4. Generac supplied engine coolant heaters (block-heaters), heater controls and circulating pumps are only covered during the first year of the warranty provision. 5. Generac may choose to repair, replace or refund a piece of equipment in its sole discretion. 6. Enclosures are warranted against rust for the first year of ownership only. Damage caused after receipt of generator is the responsibility of the owner and is not covered by this warranty. Nicks, scrapes, dents or scratches to the painted enclosure should be repaired promptly by the owner. | <ol style="list-style-type: none"> 7. Warranty only applies to permanently wired and mounted units. 8. Damage to any covered components or consequential damages caused by the use of a non-OEM part will not be covered by the warranty. 9. Proof of performance of all required maintenance must be available. 10. Travel allowance is limited to 300 miles maximum and seven and one half (7.5) hours maximum (per occurrence, whichever is less) round trip from the nearest Independent Authorized Service Dealer. Any additional travel required will not be covered. 11. Engines, driven components and fuel tanks used in Generac's standby power products system can carry a separate manufacturer's (OEM) warranty (the "OEM Warranties"), unless otherwise expressly stated. OEM Warranties are in addition to this Warranty. All warranty claims for defects in material and/or workmanship on Generac product OEM components, may be directed through the OEM distributor/dealer network. OEM Warranties may vary and are subject to change. Generac shall have no liability under OEM warranties. |
|--|--|

The following will NOT be covered by this warranty:

- | | |
|--|---|
| <ol style="list-style-type: none"> 1. Costs of normal maintenance (i.e. tune-ups, associated part(s), adjustments, loose/leaking clamps, installation and start-up). 2. Damage/failures to the generator and/or transfer switch system caused by accidents, shipping, handling, or improper storage. 3. Damage/failures caused by operation with improper fuels, speeds, loads or installations other than what's recommended or specified by Generac Power Systems. 4. Damage to the generator and/or transfer switch due to the use of non-Generac parts and/or equipment, contaminated fuels, oils, coolants/antifreeze or lack of proper fuels, oil or coolants/antifreeze. 5. Failures due to normal wear and tear, accident, misuse, abuse, neglect, improper installation, improper sizing, or rodent, reptile, and/or insect infestation. 6. Rental equipment used while warranty repairs are being performed and/or any extraordinary equipment used for removal and/or reinstallation of generator (i.e. cranes, hoists, lifts, et. al.). 7. Planes, ferries, railroad, buses, helicopters, snowmobiles, snowcats, off-road vehicles or any other mode of transport deemed not standard by Generac. | <ol style="list-style-type: none"> 8. Products that are modified or altered in a manner not authorized by Generac in writing. 9. Starting batteries, fuses, light bulbs, engine fluids and any related labor. 10. Steel enclosures that rust as a result of improper installation, location in a harsh or salt water environment, or are scratched where the integrity of applied paint is compromised. 11. Units sold, rated or used for "Prime Power", "Trailer Mounted" or "Rental Unit" applications as defined by Generac. Contact an Independent Authorized Service Dealer for definitions. 12. Shipping costs associated with expedited shipping. 13. Additional costs for overtime, holiday or emergency labor costs for repairs outside of normal business hours. 14. Any incidental, consequential or indirect damages caused by defects in materials or workmanship, or any delay in repair or replacement of the defective part(s). 15. Failures caused by any act of God or external cause including without limitation, fire, theft, freezing, war, lightning, earthquake, windstorm, hail, water, tornado, hurricane, or any other matters which are reasonably beyond the manufacturer's control. |
|--|---|

THIS WARRANTY SUPERSEDES ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. SPECIFICALLY, GENERAC MAKES NO OTHER WARRANTIES AS TO THE MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. ANY IMPLIED WARRANTIES WHICH ARE ALLOWED BY LAW, SHALL BE LIMITED IN DURATION TO THE TERMS OF THE EXPRESS WARRANTY PROVIDED HEREIN. SOME JURISDICTIONS DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU. GENERAC'S ONLY LIABILITY SHALL BE THE REPAIR OR REPLACEMENT OF PART(S) AS STATED ABOVE. IN NO EVENT SHALL GENERAC BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES, EVEN IF SUCH DAMAGES ARE A DIRECT RESULT OF GENERAC'S NEGLIGENCE. SOME JURISDICTIONS DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS. YOU ALSO HAVE OTHER RIGHTS UNDER APPLICABLE LAW.

FOR AUSTRALIA ONLY: Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

FOR NEW ZEALAND ONLY: Nothing in this warranty statement excludes, restricts or modifies any condition, warranty right or remedy which pursuant to the New Zealand Legislation (Commonwealth or State) including the Fair Trading Practices Act of 1986 or the Consumer Guarantees Act 1993 ("CGA") applies to this limited warranty and may not be so excluded, restricted or modified. Nothing in this statement is intended to have the effect of contracting out of the provisions of the CGA, except to the extent permitted by that Act, and these terms are to be modified to the extent necessary to give effect to that intention. If you acquire goods from Generac Power Systems or any of its authorized resellers and distributors for the purposes of a business, then pursuant to section 43(2) of the CGA, it is agreed that the provisions of the CGA do not apply.

**GENERAC POWER SYSTEMS, INC. • P.O. BOX 8 • Waukesha, WI, USA 53187
Ph: (888) GENERAC (436-3722) • Fax: (262) 544-4851**

**To locate the nearest Independent Authorized Service Dealer and to download schematics, exploded views and parts lists
visit our website: www.generac.com**



CERTIFICATE



This is to certify that

Generac Power Systems, Inc.

S45 W29290 Hwy. 59
Waukesha, WI 53189
United States of America

with the organizational units/sites as listed in the annex

has implemented and maintains a **Quality Management System.**

Scope:

Design, Manufacturing, and Distribution of Generators and Power Products.

Through an audit, documented in a report, it was verified that the management system fulfills the requirements of the following standard:

ISO 9001 : 2015

Certificate registration no.	10012920 QM15
Date of original certification	2013-12-09
Date of certification	2018-07-16
Valid until	2021-07-15



DQS Inc.

Brad McGuire
Managing Director





**Annex to certificate
Registration No. 10012920 QM15**

Generac Power Systems, Inc.

S45 W29290 Hwy. 59
Waukesha, WI 53189
United States of America



Location

Scope

10012920
Generac Power Systems, Inc.
S45 W29290 Hwy. 59
Waukesha, WI 53189
United States of America

Design, Manufacturing of Generator Components and Distribution of Service Parts.

10012922
Generac Power Systems, Inc.
211 Murphy Dr.
Eagle, WI 53119
United States of America

Manufacturing and Distribution of Generators.

10012923
Generac Power Systems, Inc.
757 N. Newcomb St.
Whitewater, WI 53190
United States of America

Manufacturing and Distribution of Generators and Manufacture of Generator components.

10012924
Generac Power Systems, Inc.
900 N. Parkway
Jefferson, WI 53549
United States of America

Manufacturing of Generators and Power Products.

10013528
Generac Power Systems
3815 Oregon St.
Oshkosh, WI 54902
United States of America

Manufacturing of Generators.

Remote Location

Scope

10014175
Generac Power Systems, Inc.
351 Collins Road
Jefferson, WI 53549
United States of America

The remote location at Jefferson, WI performs the following primary functions: Parts and Components Receiving, Inventory, and Distribution to Generac Locations.

This annex (edition: 2018-07-16) is only valid in connection with the above-mentioned certificate.

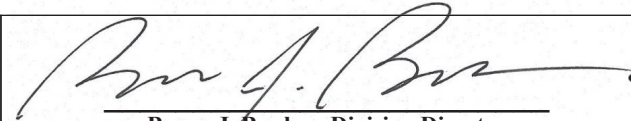


**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
2019 MODEL YEAR
CERTIFICATE OF CONFORMITY
WITH THE CLEAN AIR ACT**

**OFFICE OF TRANSPORTATION
AND AIR QUALITY
ANN ARBOR, MICHIGAN 48105**

Certificate Issued To: **Caterpillar Inc.**
(U.S. Manufacturer or Importer)
Certificate Number: KCPXL18.1NYS-009

Effective Date:
07/24/2018
Expiration Date:
12/31/2019


Byron J. Bunker, Division Director
Compliance Division

Issue Date:
07/24/2018
Revision Date:
N/A

Model Year: 2019
Manufacturer Type: Original Engine Manufacturer
Engine Family: KCPXL18.1NYS

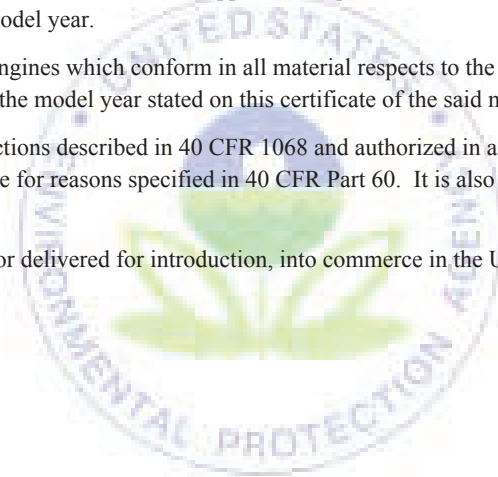
Mobile/Stationary Indicator: Stationary
Emissions Power Category: 560<kW<=2237
Fuel Type: Diesel
After Treatment Devices: No After Treatment Devices Installed
Non-after Treatment Devices: Electronic Control, Engine Design Modification

Pursuant to Section 111 and Section 213 of the Clean Air Act (42 U.S.C. sections 7411 and 7547) and 40 CFR Part 60, and subject to the terms and conditions prescribed in those provisions, this certificate of conformity is hereby issued with respect to the test engines which have been found to conform to applicable requirements and which represent the following engines, by engine family, more fully described in the documentation required by 40 CFR Part 60 and produced in the stated model year.

This certificate of conformity covers only those new compression-ignition engines which conform in all material respects to the design specifications that applied to those engines described in the documentation required by 40 CFR Part 60 and which are produced during the model year stated on this certificate of the said manufacturer, as defined in 40 CFR Part 60.

It is a term of this certificate that the manufacturer shall consent to all inspections described in 40 CFR 1068 and authorized in a warrant or court order. Failure to comply with the requirements of such a warrant or court order may lead to revocation or suspension of this certificate for reasons specified in 40 CFR Part 60. It is also a term of this certificate that this certificate may be revoked or suspended or rendered void *ab initio* for other reasons specified in 40 CFR Part 60.

This certificate does not cover engines sold, offered for sale, or introduced, or delivered for introduction, into commerce in the U.S. prior to the effective date of the certificate.



Warranty

United States Environmental Protection Agency Warranty Statement (Stationary Emergency Compression-Ignition Generators)

Warranty Rights, Obligations and Coverage

Your emission-related warranty covers only components whose failure would increase an engine's emissions of any regulated pollutant where they are designed, built, and equipped to be free from defects in materials and workmanship under applicable regulations of section 213 of the clean air act. To receive information about how to make an emission-related warranty claim, and how to make arrangements for authorized repairs call **1-800-333-1322** or **www.generac.com**. Emission-related warranty claims may be denied without proof of proper maintenance or use, accidents beyond the control of the manufacturer, or act of God. Proper maintenance is specified in the Owner's Manual. Usage is limited to stationary emergency operations and 100 hours per year for maintenance and readiness testing. The warranty period begins when the engine is placed into service. Warranty periods for compression ignition engines greater than 25 horsepower is five years. This warranty is applicable to compression-ignition generator models; equal to and larger than an SD80 starting 1/1/2011, equal to and larger than an SD35 starting 1/1/2012, and all compression-ignition generator models starting 1/1/2013.

Important Note

This warranty statement explains your rights and obligations under the Emission Control System Warranty, which is provided to you by Generac pursuant to federal law. Note that this warranty shall not apply to any incidental, consequential or indirect damages caused by defects in materials or workmanship or any delay in repair or replacement of the defective part(s). This warranty is in place of all other warranties, expressed or implied. Specifically, Generac makes no other warranties as to the merchantability or fitness for a particular purpose. Any implied warranties which are allowed by law, shall be limited in duration to the terms of the express warranty provided herein. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.



Project Information:

19018

COK PUBLIC SAFETY COMPLEX

900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:
Architects Design Group

#	ISSUE	DATE
1	ADD #0.1	02/10/21
2	ADD #0.2.1	02/17/21

Issue Date: FEBRUARY 1, 2021
 PKC JOHN THURMAN
 PM JOHN THURMAN
 PA LAUREN BUSH
 Drawn By: JARED WILKINS
 Checked By: BP

Drawing Info:

G002

SHEET LIST - VOLUME 1

DRAWING INDEX

DRAWING NUMBER	DRAWING DESCRIPTION	SHEET ISSUE DATE	REV. NO.	REVISION TITLE	REV DATE
GENERAL FRONT END					
G000.1	COVERSHEET VOLUME 1	02/01/21			
G001	PROJECT DATA, CODE, SYMBOLS	02/01/21			
G002	SHEET LIST - VOLUME 1	02/01/21	2	ADD #0.2.1	02/17/21
SURVEY					
V000	OVERALL SURVEY	02/01/21			
V001	SURVEY	02/01/21			
V002	SURVEY	02/01/21			
CIVIL					
C000	GRADING AND DRAINAGE PLAN (DEMO BACKFILL)	02/01/21			
C001	SITE DEMOLITION PLAN	02/01/21			
C101	OVERALL SITE LAYOUT PLAN	02/01/21			
C102	ENLARGED SITE LAYOUT PLAN	02/01/21			
C103	SITE COORDINATE LAYOUT PLAN	02/01/21			
C201	ROADWAY SIDEWALK PLAN	02/01/21			
C202	ROADWAY SIDEWALK PLAN	02/01/21			
C301	ENLARGED SITE GRADING PLAN	02/01/21			
C401	INITIAL EROSION CONTROL PLAN	02/01/21			
C402	INTERMEDIATE EROSION CONTROL PLAN	02/01/21			
C403	FINAL EROSION CONTROL PLAN	02/01/21			
C501	CIVIL SITE UTILITIES PLAN	02/01/21			
C601	CIVIL SITE DETAILS	02/01/21			
C602	CIVIL SITE DETAILS	02/01/21			
C603	CIVIL SITE DETAILS	02/01/21			
C604	CIVIL SITE DETAILS	02/01/21			
C605	CIVIL SITE DETAILS	02/01/21			
LANDSCAPE					
L100	LANDSCAPE PLANTING PLAN	02/01/21			
L200	LANDSCAPE PLANTING DETAILS	02/01/21			
ARCHITECTURAL - GENERAL					
AG001	INTERIOR PARTITION SYSTEMS & DETAILS	02/01/21			
AG002	INTERIOR PARTITION SYSTEMS & DETAILS (CONT)	02/01/21			
AG003	UL PARTITIONS ROOF/FLOOR/COLUMN ASSEMBLIES	02/01/21			
AG004	UL PARTITIONS & FLOOR/CEILING ASSEMBLIES	02/01/21			
AG005	UL PARTITIONS (CONTINUED)	02/01/21			
AG006	UL PARTITIONS (CONTINUED)	02/01/21			
AG007	UL PARTITIONS (CONTINUED)	02/01/21			
AG010	STANDARD MOUNTING HEIGHTS	02/01/21			
ARCHITECTURAL DEMOLITION					
AD103	COMPOSITE DEMO PLAN - LOWER LEVEL 3	02/01/21			
AD104	COMPOSITE DEMO PLAN - LOWER LEVEL 2	02/01/21			
AD105	COMPOSITE DEMO PLAN - LOWER LEVEL 1	02/01/21			
AD106	COMPOSITE DEMO PLAN - GROUND FLOOR	02/01/21			
AD305.2	ENLARGED DEMO PLANS - CHA - LL3 AND LL2	02/01/21			
ARCHITECTURAL SITE					
AS110	ARCHITECTURAL SITE PLAN	02/01/21	2	ADD #0.2.1	02/17/21
AS111	ENLARGED PARTIAL SITE PLAN - ENTRY PLAZA	02/01/21	2	ADD #0.2.1	02/17/21
AS112	ENLARGED PARTIAL SITE PLAN - POB PLAZA	02/01/21	2	ADD #0.2.1	02/17/21
AS400	ARCHITECTURAL SITE DETAILS	02/01/21			
AS420	ARCHITECTURAL GARAGE DETAILS	02/01/21			
LIFE SAFETY					
LS101	WOMEN'S PAVILION - 1ST LEVEL LIFE SAFETY PLAN	02/01/21			
LS102	WOMEN'S PAVILION - 2ND LEVEL LIFE SAFETY PLAN	02/01/21			
LS103	WOMEN'S PAVILION - 3RD LEVEL LIFE SAFETY PLAN	02/01/21			
LS104	WP - PENTHOUSE LEVEL LIFE SAFETY PLAN	02/01/21			
LS110	CENTRAL ANNEX - LEVEL LL3 LIFE SAFETY PLAN	02/01/21			
LS111	CENTRAL ANNEX - LEVEL LL2 LIFE SAFETY PLAN	02/01/21			
LS112	CENTRAL ANNEX - LEVEL LL1 & GROUND LIFE SAFETY PLAN	02/01/21			
LS120.1	PARKING LEVEL P1 A&B LIFE SAFETY	02/01/21			
LS120.2	PARKING LEVEL P1 C LIFE SAFETY	02/01/21			
LS121.1	PARKING LEVEL P2 A&B LIFE SAFETY	02/01/21			
LS121.2	PARKING LEVEL P2 C LIFE SAFETY	02/01/21			
LS122.1	PARKING LEVEL P3 A&B LIFE SAFETY	02/01/21			
LS122.2	PARKING LEVEL P3 C LIFE SAFETY	02/01/21			
LS123.1	PARKING LEVEL P4 A&B LIFE SAFETY	02/01/21			
LS123.2	PARKING LEVEL P4 C LIFE SAFETY	02/01/21			
LS124	OFFICE LEVEL 5 - LIFE SAFETY	02/01/21			
LS125	OFFICE LEVEL 6 - LIFE SAFETY	02/01/21			
LS126	OFFICE LEVEL 7 - LIFE SAFETY	02/01/21			
LS127	OFFICE LEVEL 8 - LIFE SAFETY	02/01/21			
ARCHITECTURAL					
A001	WP - FIRST & SECOND LEVEL COMPOSITE FLOOR PLANS	02/01/21			
A002	WP - THIRD & PENTHOUSE LEVEL COMPOSITE FLOOR PLANS	02/01/21			
A010	CA - OVERALL LEVEL LL3 FLOOR PLAN	02/01/21	2	ADD #0.2.1	02/17/21
A011	CA - OVERALL LEVEL LL2 FLOOR PLAN	02/01/21			
A012	CA - OVERALL LEVEL LL1 AND GROUND FLOOR PLAN	02/01/21	2	ADD #0.2.1	02/17/21
A013	CA - OVERALL PENTHOUSE LEVEL FLOOR PLAN	02/01/21			
A020	POB - COMPOSITE PLAN LEVEL P1	02/01/21			
A021	POB - COMPOSITE PLAN LEVEL P2	02/01/21			
A022	POB - COMPOSITE PLAN LEVEL P3	02/01/21			
A023	POB - COMPOSITE PLAN LEVEL P4	02/01/21			
A024	POB - COMPOSITE PLAN OFFICE LEVEL 5	02/01/21			
A025	POB - COMPOSITE PLAN OFFICE LEVEL 6	02/01/21			
A026	POB - COMPOSITE PLAN OFFICE LEVEL 7	02/01/21			
A027	POB - COMPOSITE PLAN OFFICE LEVEL 8	02/01/21			
A028	POB - COMPOSITE PLAN PENTHOUSE	02/01/21			
A101	WP - FIRST LEVEL FLOOR PLAN	02/01/21	2	ADD #0.2.1	02/17/21
A102	WP - SECOND LEVEL FLOOR PLAN	02/01/21	2	ADD #0.2.1	02/17/21
A103	WP - THIRD LEVEL FLOOR PLAN	02/01/21	2	ADD #0.2.1	02/17/21
A104	WP - PENTHOUSE LEVEL FLOOR PLAN	02/01/21	2	ADD #0.2.1	02/17/21
A105	WP - FIRST & SECOND LEVEL EQUIPMENT PLAN	02/01/21			
A107	WP - ROOF PLAN	02/01/21	2	ADD #0.2.1	02/17/21
A108	WP - SHOOTING RANGE FLOOR, RCP & ROOF PLANS	02/01/21	2	ADD #0.2.1	02/17/21
A110.1	CA - LEVEL LL3 A FLOOR PLAN	02/01/21	2	ADD #0.2.1	02/17/21
A110.2	CA - LEVEL LL3 B FLOOR PLAN	02/01/21	2	ADD #0.2.1	02/17/21
A110.3	CA - LEVEL LL3 C FLOOR PLAN	02/01/21	2	ADD #0.2.1	02/17/21
A111.1	CA - LEVEL LL2 A FLOOR PLAN	02/01/21	2	ADD #0.2.1	02/17/21
A111.2	CA - LEVEL LL2 B FLOOR PLAN	02/01/21	2	ADD #0.2.1	02/17/21
A111.3	CA - LEVEL LL2 C FLOOR PLAN	02/01/21	2	ADD #0.2.1	02/17/21
A112.1	CA - LEVEL LL1 A FLOOR PLAN	02/01/21	2	ADD #0.2.1	02/17/21
A112.2	CA - LEVEL LL1 B FLOOR PLAN	02/01/21	2	ADD #0.2.1	02/17/21
A113.1	CA - LEVEL GROUND A FLOOR PLAN	02/01/21	2	ADD #0.2.1	02/17/21
A113.2	CA - LEVEL GROUND B FLOOR PLAN	02/01/21	2	ADD #0.2.1	02/17/21
A114	CA - LEVEL PENTHOUSE A FLOOR PLAN	02/01/21	2	ADD #0.2.1	02/17/21
A115	CA - LEVEL LL3 EQUIPMENT PLAN	02/01/21			
A116	CA - LEVEL LL2 EQUIPMENT PLAN	02/01/21			
A117	CA - LEVEL LL1 & GROUND LEVEL EQUIPMENT PLAN	02/01/21	2	ADD #0.2.1	02/17/21
A118	CA - OVERALL ROOF PLAN	02/01/21			
A119.1	CA - ROOF PLAN A	02/01/21	2	ADD #0.2.1	02/17/21
A119.2	CA - ROOF PLAN B	02/01/21	2	ADD #0.2.1	02/17/21
A119.3	CA - ROOF PLAN C	02/01/21	2	ADD #0.2.1	02/17/21
A119.4	ROOF DETAILS	02/01/21			
A120.1	POB - PARKING LEVEL P1 A FLOOR PLAN	02/01/21	2	ADD #0.2.1	02/17/21
A120.2	POB - PARKING LEVEL P1 B FLOOR PLAN	02/01/21	2	ADD #0.2.1	02/17/21
A120.3	POB - PARKING LEVEL P1 C FLOOR PLAN	02/01/21	2	ADD #0.2.1	02/17/21
A121.1	POB - PARKING LEVEL P2 A FLOOR PLAN	02/01/21	2	ADD #0.2.1	02/17/21
A121.2	POB - PARKING LEVEL P2 B FLOOR PLAN	02/01/21	2	ADD #0.2.1	02/17/21
A121.3	POB - PARKING LEVEL P2 C FLOOR PLAN	02/01/21	2	ADD #0.2.1	02/17/21
A122.1	POB - PARKING LEVEL P3 A FLOOR PLAN	02/01/21	2	ADD #0.2.1	02/17/21
A122.2	POB - PARKING LEVEL P3 B FLOOR PLAN	02/01/21	2	ADD #0.2.1	02/17/21
A122.3	POB - PARKING LEVEL P3 C FLOOR PLAN	02/01/21	2	ADD #0.2.1	02/17/21
A123.1	POB - PARKING LEVEL P4 A FLOOR PLAN	02/01/21	2	ADD #0.2.1	02/17/21
A123.2	POB - PARKING LEVEL P4 B FLOOR PLAN	02/01/21	2	ADD #0.2.1	02/17/21
A123.3	POB - PARKING LEVEL P4 C FLOOR PLAN	02/01/21	2	ADD #0.2.1	02/17/21
A124	POB - OFFICE LEVEL 5 FLOOR PLAN	02/01/21	2	ADD #0.2.1	02/17/21
A125	POB - OFFICE LEVEL 6 FLOOR PLAN	02/01/21	2	ADD #0.2.1	02/17/21
A126	POB - OFFICE LEVEL 7 FLOOR PLAN	02/01/21	2	ADD #0.2.1	02/17/21
A127	POB - OFFICE LEVEL 8 FLOOR PLAN	02/01/21	2	ADD #0.2.1	02/17/21
A128	POB - PENTHOUSE	02/01/21	2	ADD #0.2.1	02/17/21
A129	POB - ROOF PLAN	02/01/21	2	ADD #0.2.1	02/17/21
A130	POB - OFFICE LEVEL 5 FLOOR PLAN EQUIPMENT PLAN	02/01/21			
A201	WP - FIRST LEVEL REFLECTED CEILING PLAN	02/01/21	2	ADD #0.2.1	02/17/21
A202	WP - SECOND LEVEL REFLECTED CEILING PLAN	02/01/21	2	ADD #0.2.1	02/17/21
A203	WP - THIRD LEVEL REFLECTED CEILING PLAN	02/01/21	2	ADD #0.2.1	02/17/21
A204	WP - PENTHOUSE LEVEL REFLECTED CEILING PLAN	02/01/21			
A210.1	CA - LEVEL LL3 A RCP	02/01/21	2	ADD #0.2.1	02/17/21
A210.2	CA - LEVEL LL3 B RCP	02/01/21	2	ADD #0.2.1	02/17/21

DRAWING NUMBER	DRAWING DESCRIPTION	SHEET ISSUE DATE	REV. NO.	REVISION TITLE	REV DATE
A210.3	CA - LEVEL LL3 C RCP	02/01/21	2	ADD #0.2.1	02/17/21
A211.1	CA - LEVEL LL2 A RCP	02/01/21	2	ADD #0.2.1	02/17/21
A211.2	CA - LEVEL LL2 B RCP	02/01/21	2	ADD #0.2.1	02/17/21
A211.3	CA - LEVEL LL2 C RCP	02/01/21	2	ADD #0.2.1	02/17/21
A212.1	CA - LEVEL LL1 A RCP	02/01/21	2	ADD #0.2.1	02/17/21
A212.2	CA - LEVEL LL1 B RCP	02/01/21	2	ADD #0.2.1	02/17/21
A213.1	CA - LEVEL GROUND A RCP	02/01/21	2	ADD #0.2.1	02/17/21
A213.2	CA - LEVEL GROUND B & PENTHOUSE RCP	02/01/21	2	ADD #0.2.1	02/17/21
A220	POB - P1, P2, P3 PARKING GARAGE RCP	02/01/21	2	ADD #0.2.1	02/17/21
A223	POB - PARKING LEVEL 8 RCP	02/01/21	2	ADD #0.2.1	02/17/21
A224	POB - OFFICE LEVEL 5 RCP	02/01/21	2	ADD #0.2.1	02/17/21
A225	POB - OFFICE LEVEL 6 RCP	02/01/21	2	ADD #0.2.1	02/17/21
A226	POB - OFFICE LEVEL 7 RCP	02/01/21	2	ADD #0.2.1	02/17/21
A227	POB - OFFICE LEVEL 8 RCP	02/01/21	2	ADD #0.2.1	02/17/21
A228	POB - PENTHOUSE RCP	02/01/21	2	ADD #0.2.1	02/17/21
A250	CA - CEILING DETAILS	02/01/21			
A300	WP - EXTERIOR ELEVATIONS	02/01/21			
A301	WP - EXTERIOR ELEVATIONS	02/01/21			
A302	WP - ALTERNATE 1 EXTERIOR ELEVATIONS - RANGE	02/01/21			
A310	CA - EXTERIOR ELEVATIONS	02/01/21			
A311	CA - EXTERIOR ELEVATIONS	02/01/21			
A312	CA - EXTERIOR ELEVATIONS	02/01/21			
A313	CA - EXTERIOR ELEVATIONS	02/01/21			
A320	POB - EXTERIOR ELEVATIONS (N)	02/01/21			
A321	POB - EXTERIOR ELEVATIONS (W)	02/01/21			
A322	POB - EXTERIOR ELEVATIONS (E)	02/01/21			
A323	POB - EXTERIOR ELEVATIONS (S)	02/01/21			
A324	POB - EXTERIOR ELEVATIONS (WS)	02/01/21			
A401	WP - OVERALL BUILDING SECTIONS	02/01/21			
A402	WP - OVERALL BUILDING SECTIONS	02/01/21			
A403	WP - RANGE BUILDING SECTIONS	02/01/21			
A404					



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

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

Drawing Info:

AS110

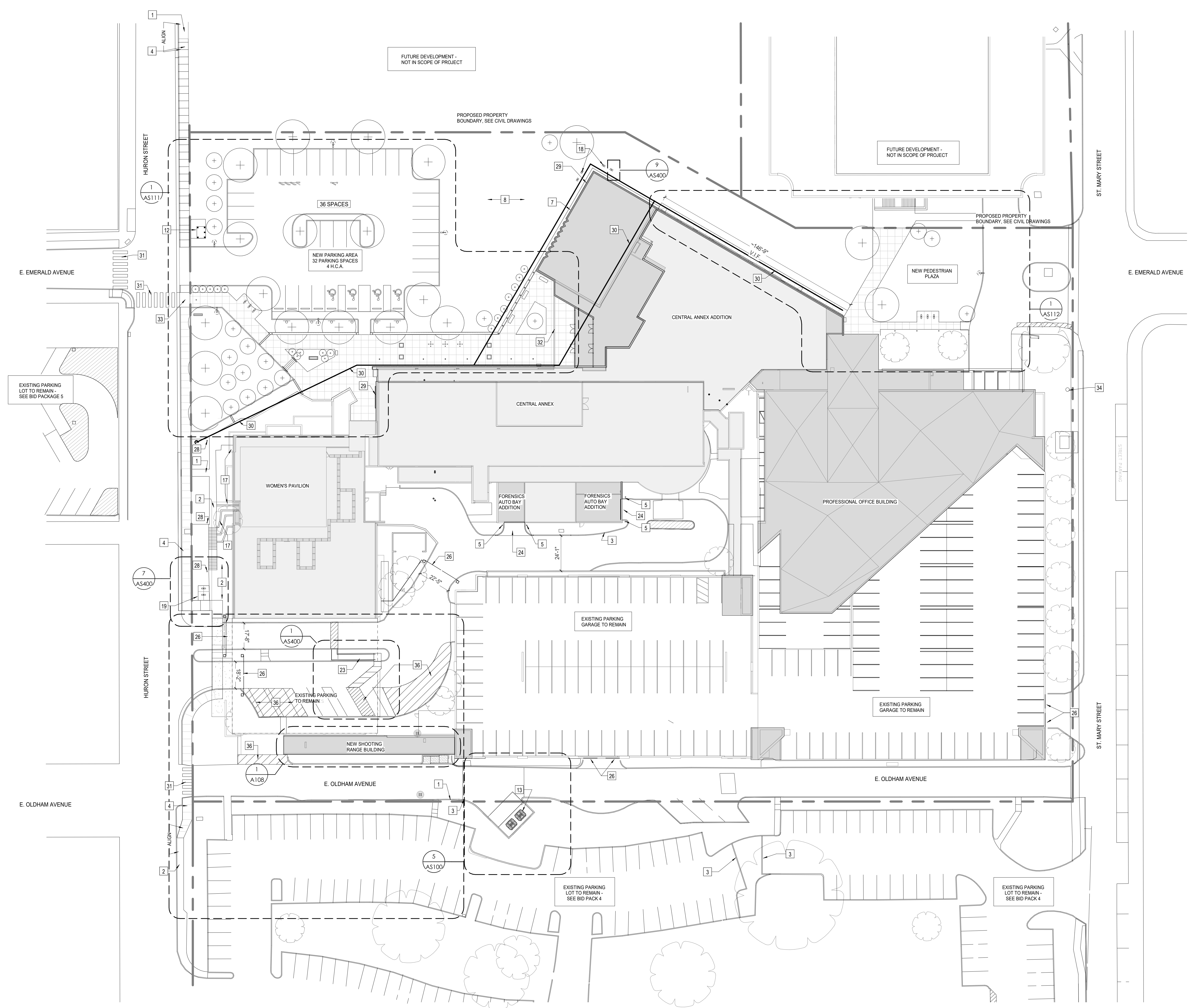
ARCHITECTURAL SITE PLAN

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.
6	NEW 36" X 36" PREMANUFACTURED CONCRETE PLANTER. SEE SPECIFICATIONS FOR INFO.
7	NEW 1/2" 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 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

SITE NOTES

- Do NOT scale drawings. If drawing information is in question, the Contractor shall obtain written clarification from the Architect, prior to continuing with construction.
- Contractor shall field verify all Dimensions, Spot Elevations, and locations of existing conditions affecting the area of work, prior to fabrication or installation of new work. Contractor to receive written notification of any discrepancies from dimensions shown, noted or required. Adjust dimensions of new construction at the direction of the Architect to allow for actual field dimensions.
- The Drawings indicate the general concept of the demolition to be performed, and are not intended to be wholly inclusive. The Contractor is responsible to field verify existing conditions to meet demolition requirements.
- Contractor shall comply with all Local, State and Federal Codes and Ordinances. Contractor shall notify the Owner's Representative of any plans to disrupt building service that may affect building tenants.
- New concrete & curbs are to match dimension, color, style & finish of nearest adjacent existing concrete. Contractor to verify with Civil drawings & City of Knoxville design standards for road & curb construction.
- Verify concrete strength & thickness with structural drawings. Contractor may be required to provide strength testing & documentation where applicable.
- All new curb ramps in sidewalks may not exceed 1:12, side flares to ramp not to exceed 1:10 per ADA requirements. See Civil drawings for all concrete requirements.
- The Drawings indicate the general concept & location of new architectural elements. The Contractor is responsible for field verification of all conditions, see landscaping & civil drawings for more information.



SITE PLAN
1" = 30'-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

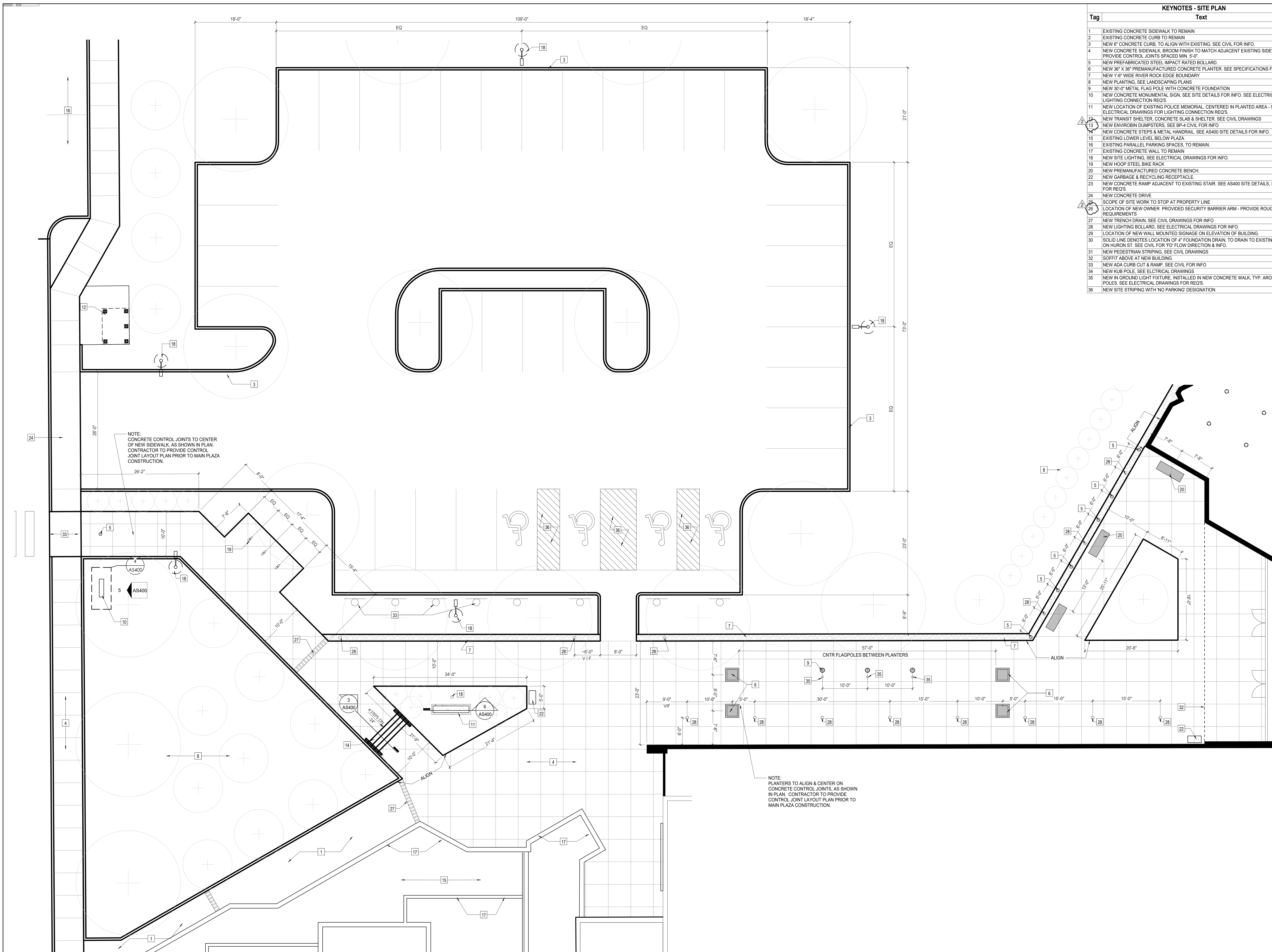
Issue Date:	FEBRUARY 1, 2021
PIC	JOHN THURMAN
PM	JOHN THURMAN
PA	LAUREN BUSH
Drawn By:	CW
Checked By:	BP

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
6	NEW 36" X 36" PREMANUFACTURED 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 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.
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 SITE STRIPING WITH NO PARKING DESIGNATION



NOTE:
CONCRETE CONTROL JOINTS TO CENTER OF NEW SIDEWALK, AS SHOWN IN PLAN. CONTRACTOR TO PROVIDE CONTROL JOINT LAYOUT PLAN PRIOR TO MAIN PLAZA CONSTRUCTION.

NOTE:
PLANTERS TO ALIGN & CENTER ON CONCRETE CONTROL JOINTS, AS SHOWN IN PLAN. CONTRACTOR TO PROVIDE CONTROL JOINT LAYOUT PLAN PRIOR TO MAIN PLAZA CONSTRUCTION.



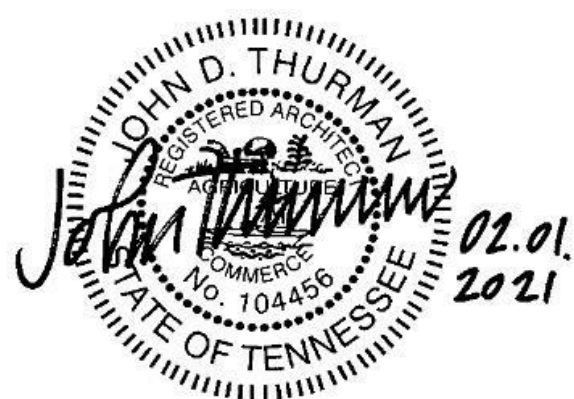
Project Information:

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

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

Drawing Info:

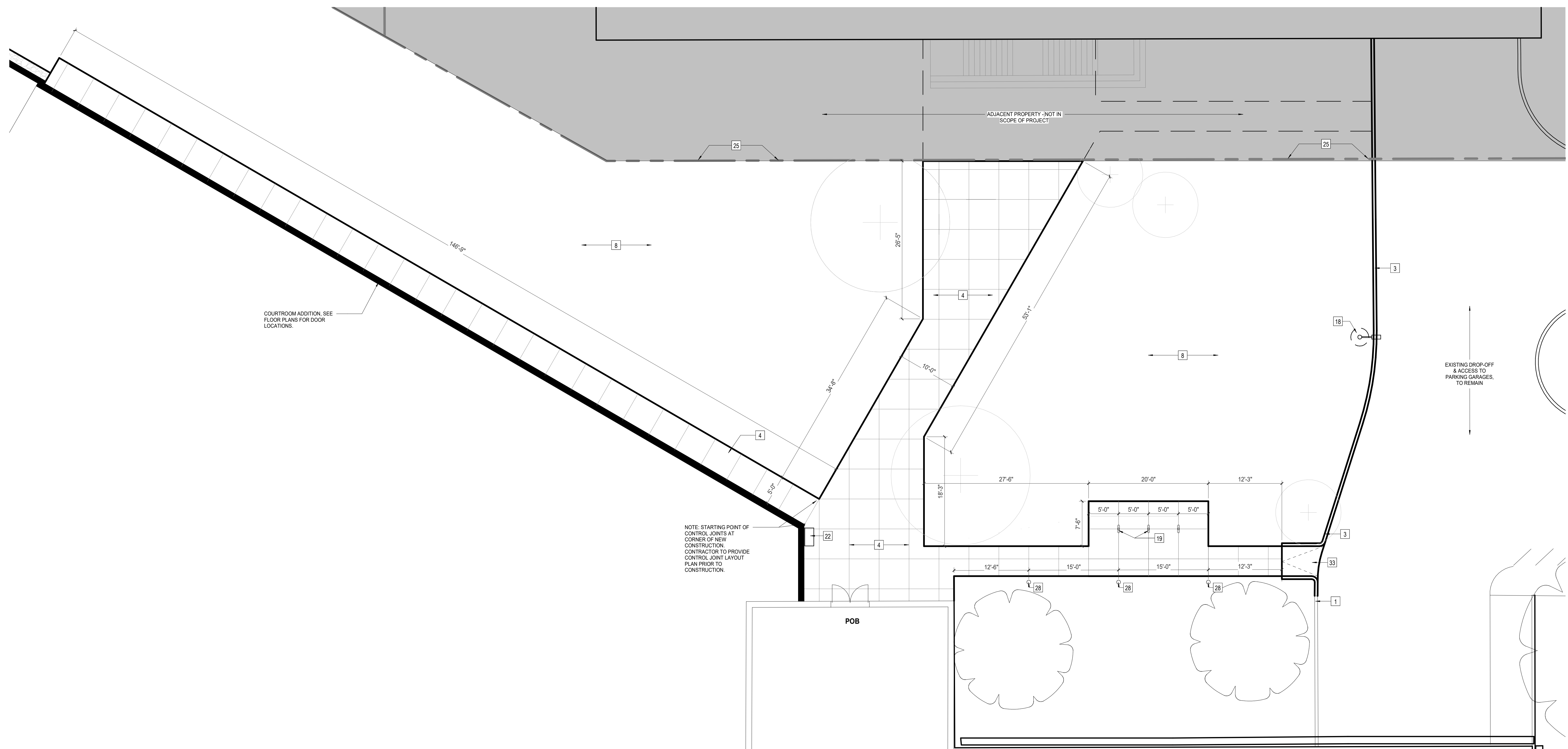
AS112

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".
5	NEW PREFABRICATED STEEL IMPACT RATED BOLLARD.
6	NEW 36" X 36" PREFABRICATED CONCRETE PLANTER. SEE SPECIFICATIONS FOR INFO.
7	NEW 1'-0" 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 ENVIRONMENTAL 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 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 SITE STRIPING WITH NO PARKING DESIGNATION

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
2	ADD #02.1	02/17/21

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

Drawing Info:

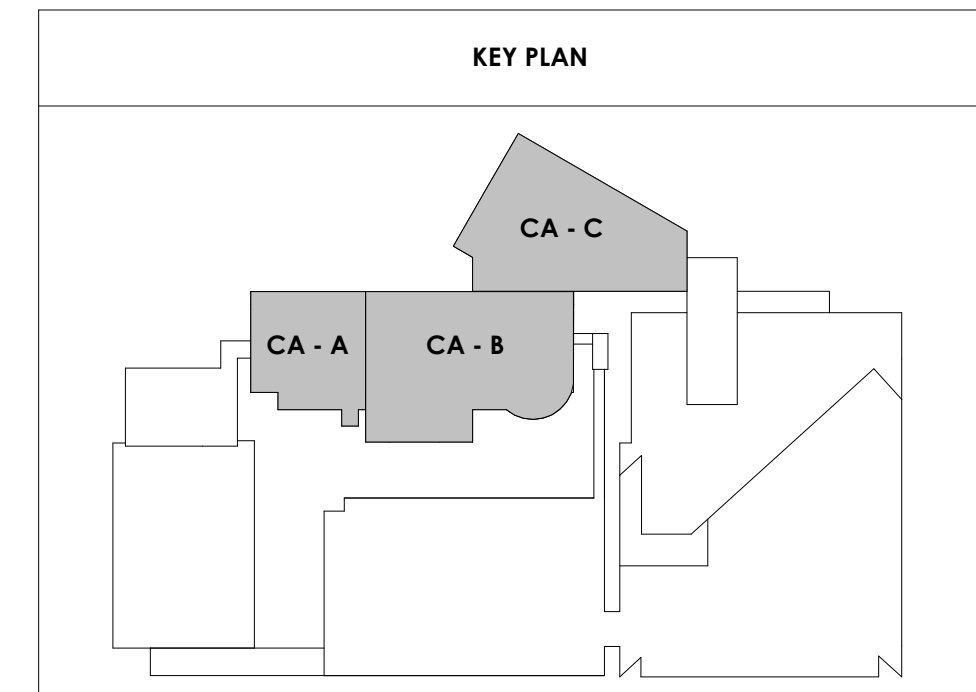
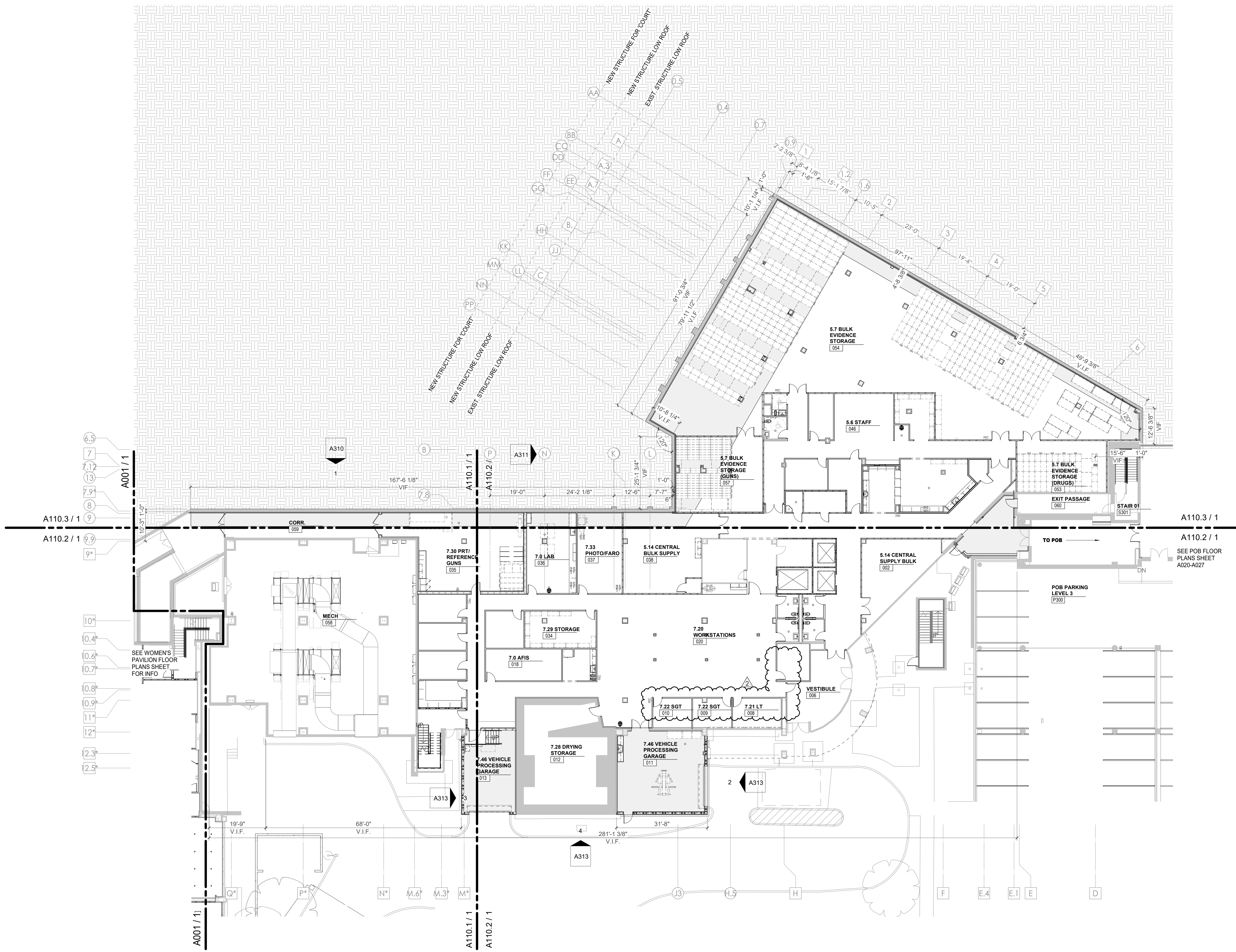
A010

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.
- 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.



2/17/2021 5:05:18 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

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2	ADD #02.1	02/17/21

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

Drawing Info:

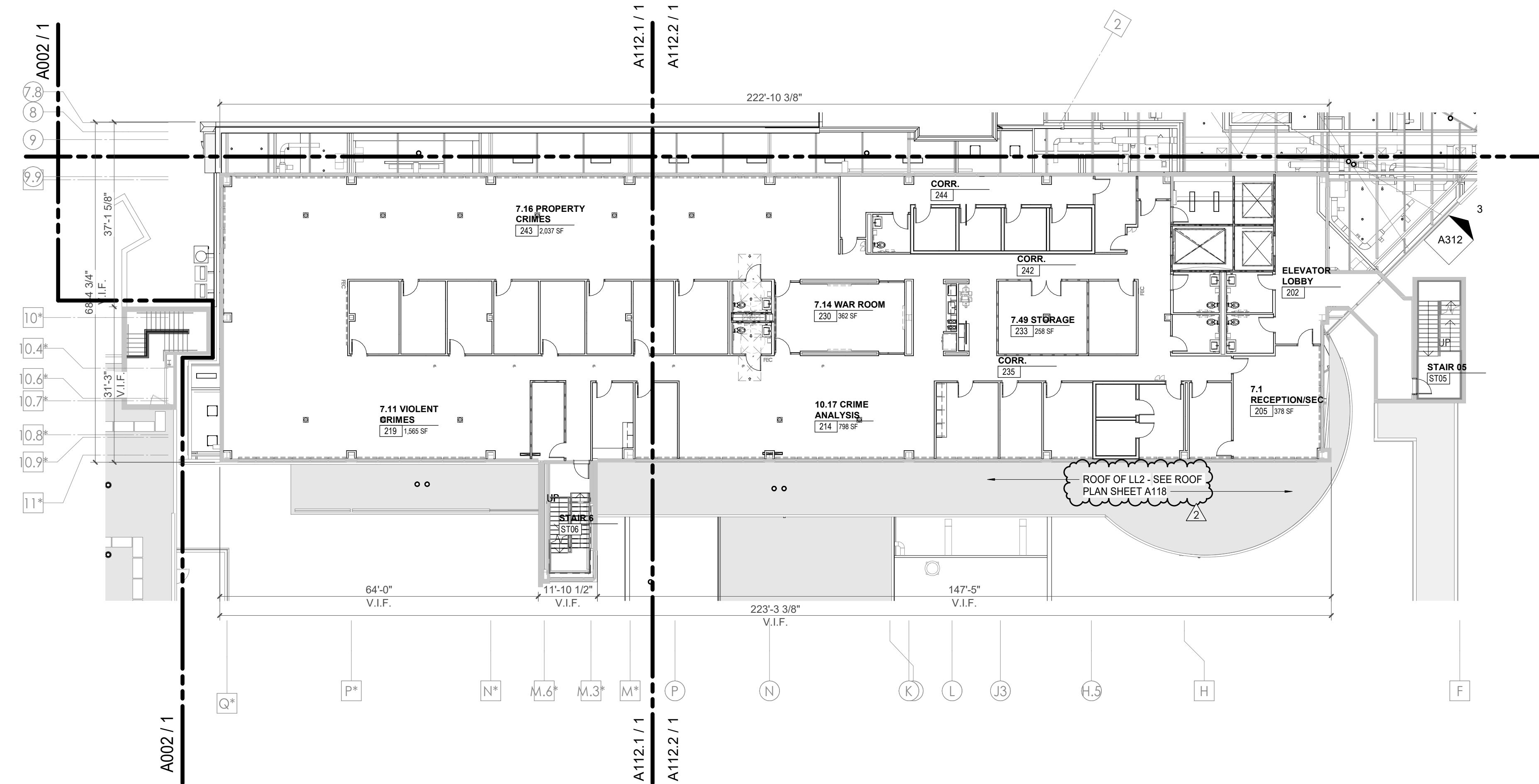
A012

CA - OVERALL LEVEL
LL1 AND GROUND
FLOOR PLAN

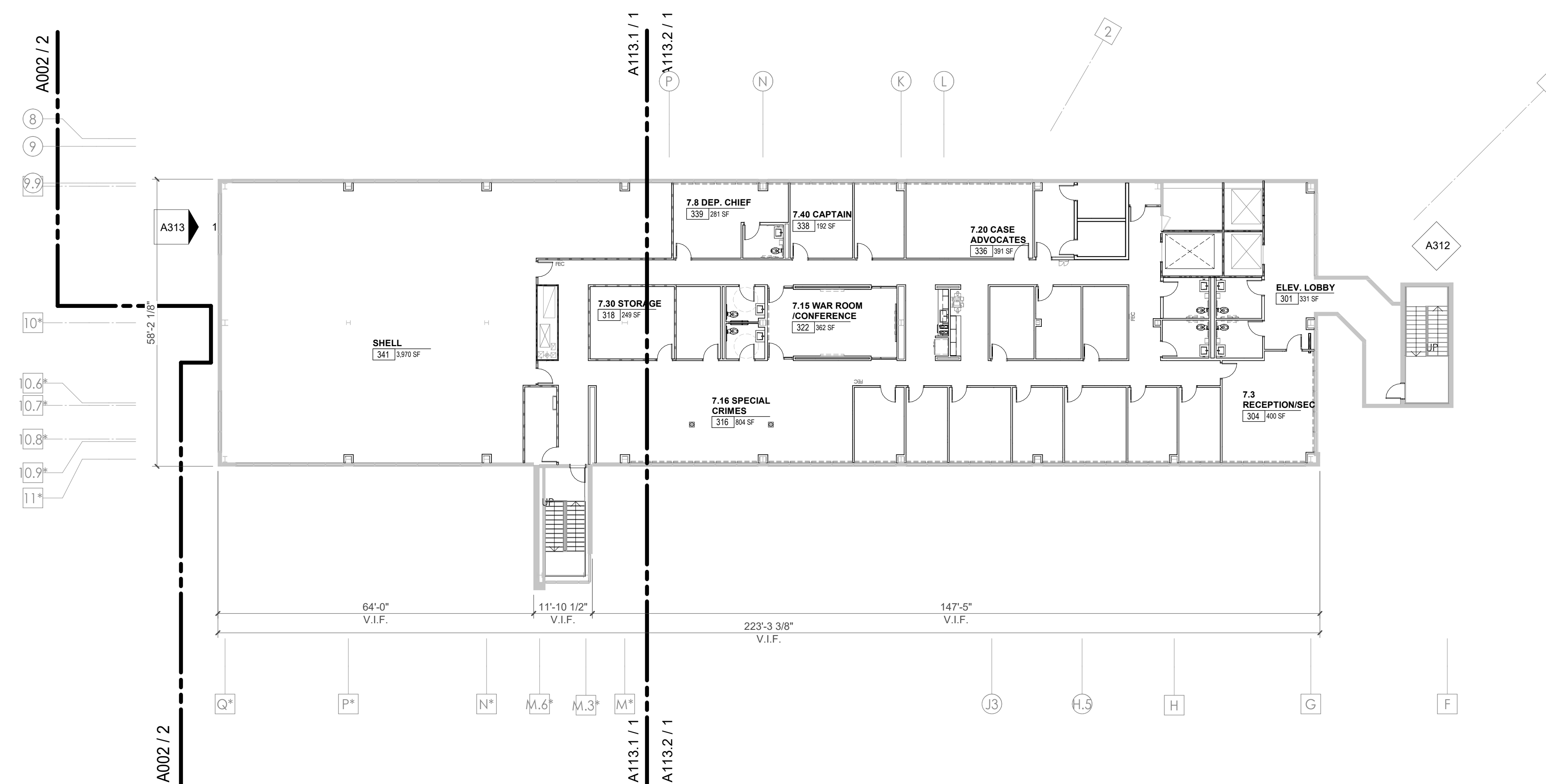
WALL LEGEND	
	2 HR PARTITION (ASSEMBLY VARIES)
	1 HR PARTITION (ASSEMBLY VARIES)
	BALLISTIC LEVEL 3 PARTITION (ASSEMBLY VARIES)
	NEW PARTITION (ASSEMBLY VARIES)
	EXISTING PARTITION
	EXISTING PARTITION TO BE DEMOLISHED

FLOOR PLAN GENERAL NOTES

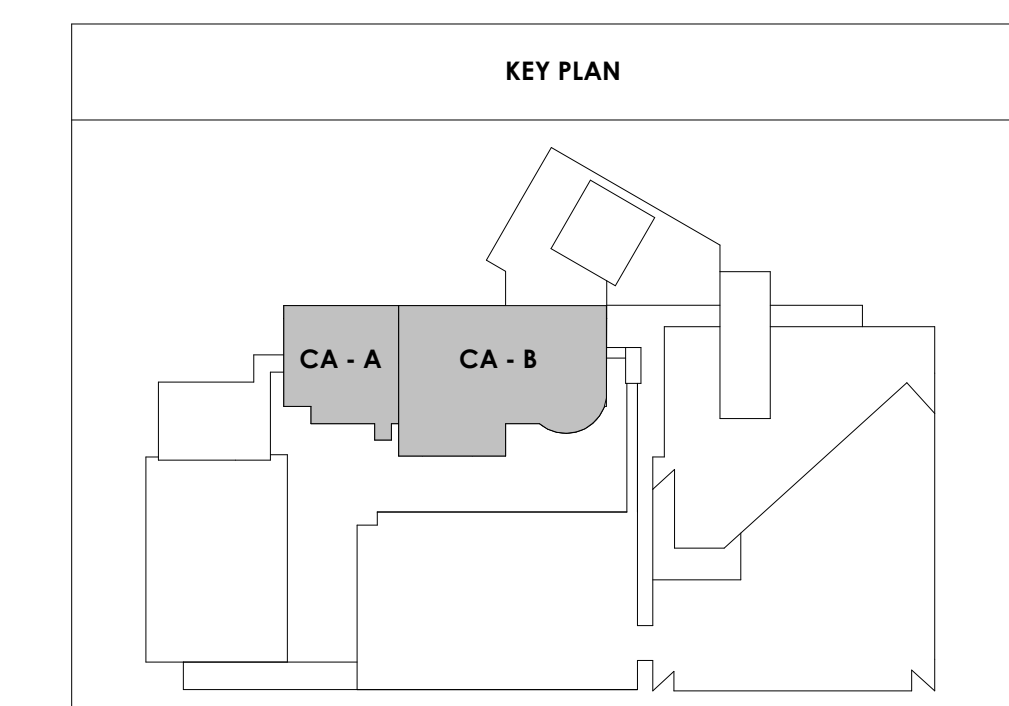
- Refer to furniture plans for owner provided furnishings.
- Provide non-combustible blocking as required for all wall cabinets, wall hung sinks, shelving standards, countertops, toilet accessories, supports, and equipment per manufacturers recommendations.
- All partition drywall joints shall be mudded, 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.



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



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



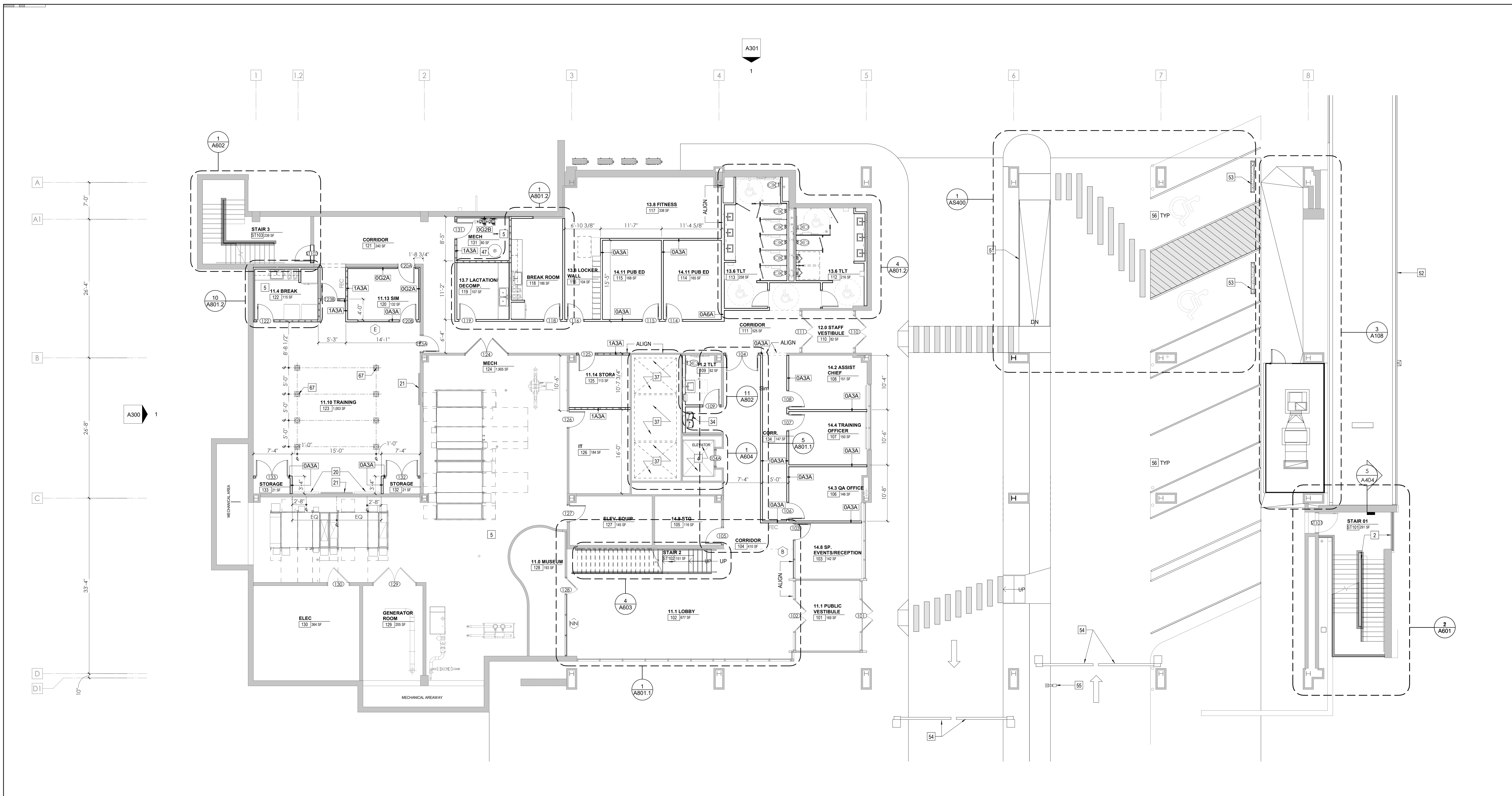


Project Information:
19018

COK SAFETY BUILDING
900 East Oak Hill Ave, Knoxville, TN



Consultant:
Architects Design Group



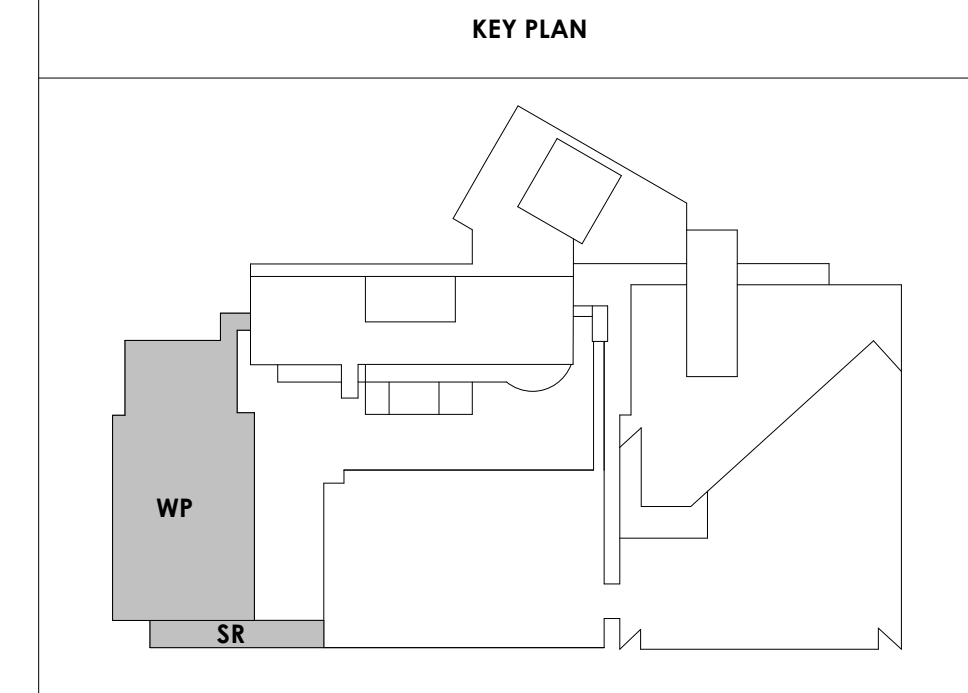
2 A101 WOMENS PAVILION FIRST LEVEL - FLOOR PLAN
1/8" = 1'-0"

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 BLOTTING 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

Tag	Text
33	NEW DROP BOX
34	NEW 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	APPLY TRANSLUCENT FILM TO INSIDE FACE OF GLAZING
50	IMPACT RESISTANT STEEL BOLLARD, GENERAL LOCATION SHOWN, COORDINATE LOCATION IN FIELD
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



#	ISSUE	DATE
2	ADD #02.1	02/17/21

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
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Project Information:

19018

COK SAFETY BUILDING

900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:

Architects Design Group

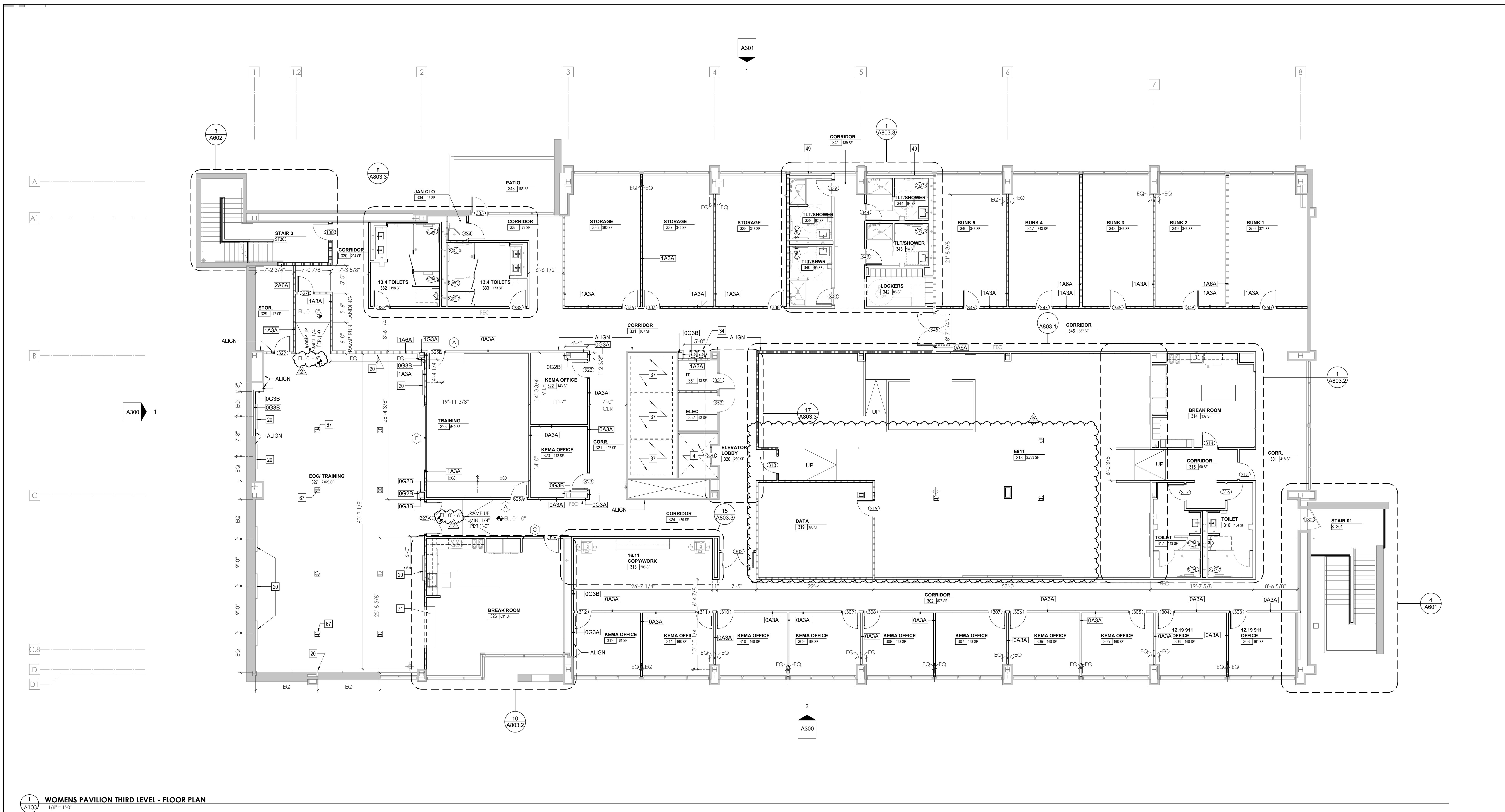
#	ISSUE	DATE
2	ADD #2.1	02/17/21

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:

A103

WP - THIRD LEVEL FLOOR PLAN



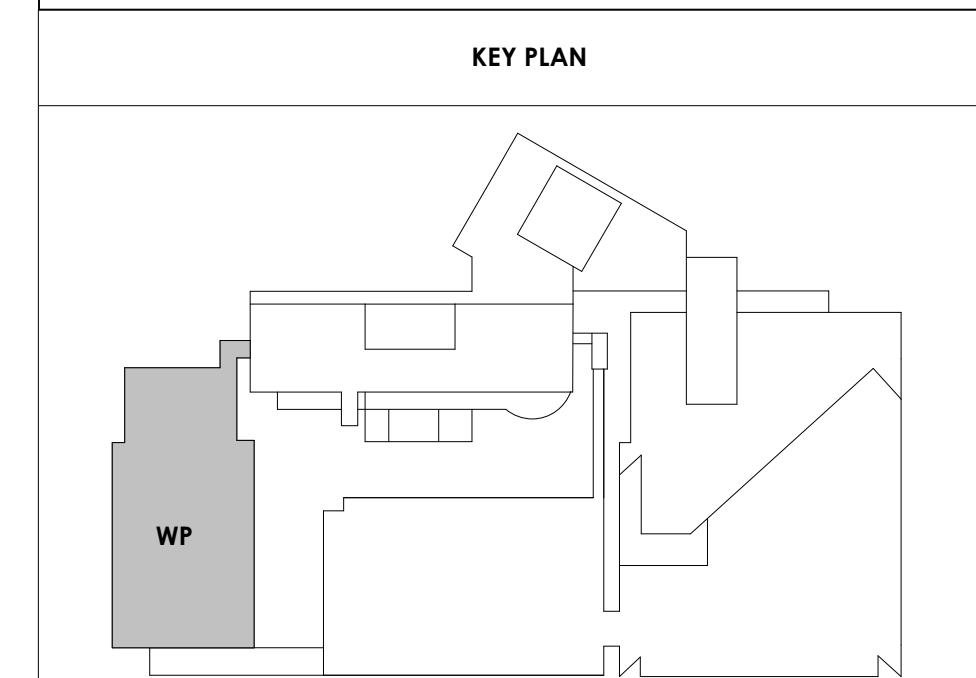
1 A103 WOMENS PAVILION THIRD LEVEL - FLOOR PLAN
1/8" = 1'-0"

Tag	KEYNOTES - FLOOR PLANS	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 REFRUBISHED 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)	
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14	NEW PASS THRU LOCKERS - TYPE 3	
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16	PUBLIC WEAPONS STG LOCKERS - TABLE PHONE WALL LOCKERS WITH 12 DOORS (TYPE 3)	
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	
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	Text
33	NEW DROP BOX	
34	HIGH LOW WATER COOLER	
35	OWNER PROVIDED HIGH DENSITY MOBILE STORAGE SYSTEM AND OVERSLAB PANELS	
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 AULTUS 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 SUNN 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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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.	
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	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/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.	

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

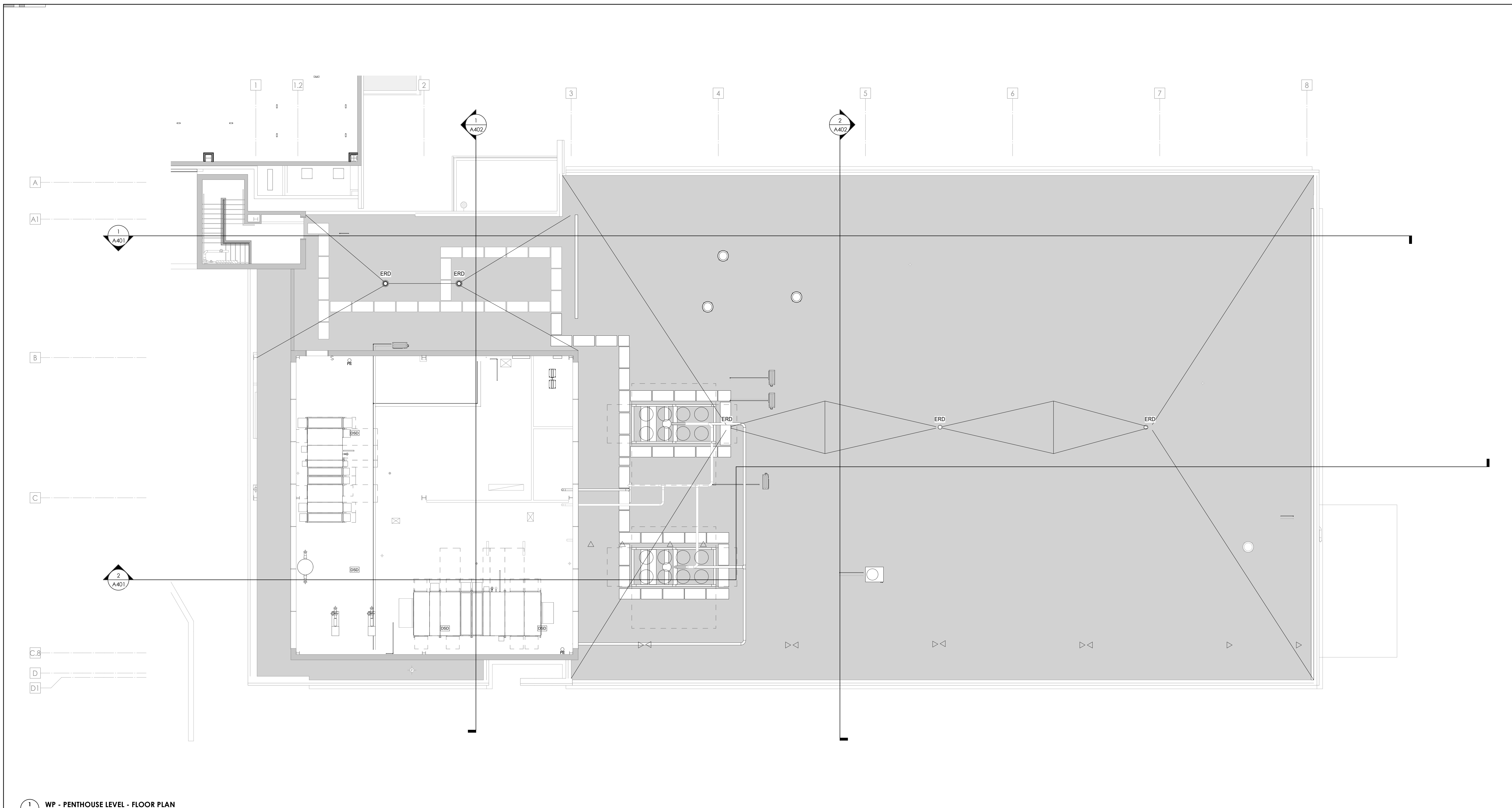
900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:

Architects Design Group



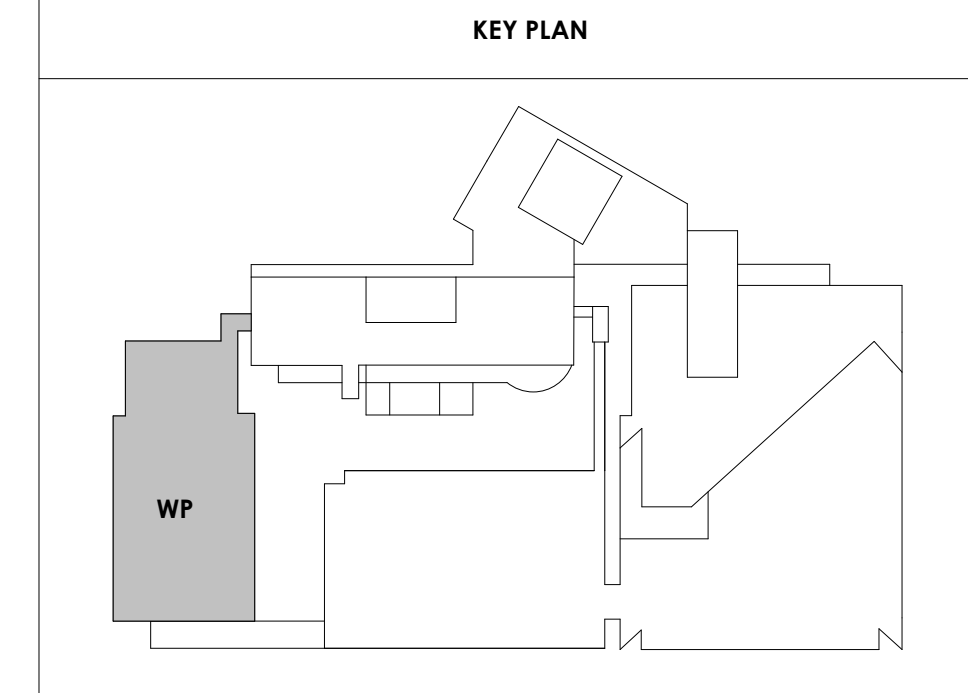
1 WP - PENTHOUSE LEVEL - FLOOR PLAN
1/8" = 1'-0"

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.
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6	SHADED AREA DENOTES NEW CONCRETE SLAB - REFER TO STRUC.
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25	MOP SINK - SEE PLUMBING
26	18" DEEP BOOKSHELVES
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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	2 DEEP COUNTER
37	ABANDON EXISTING ELEVATOR
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	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 #2.1	02/17/21

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

Drawing Info:

A104

WP - PENTHOUSE LEVEL FLOOR PLAN



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

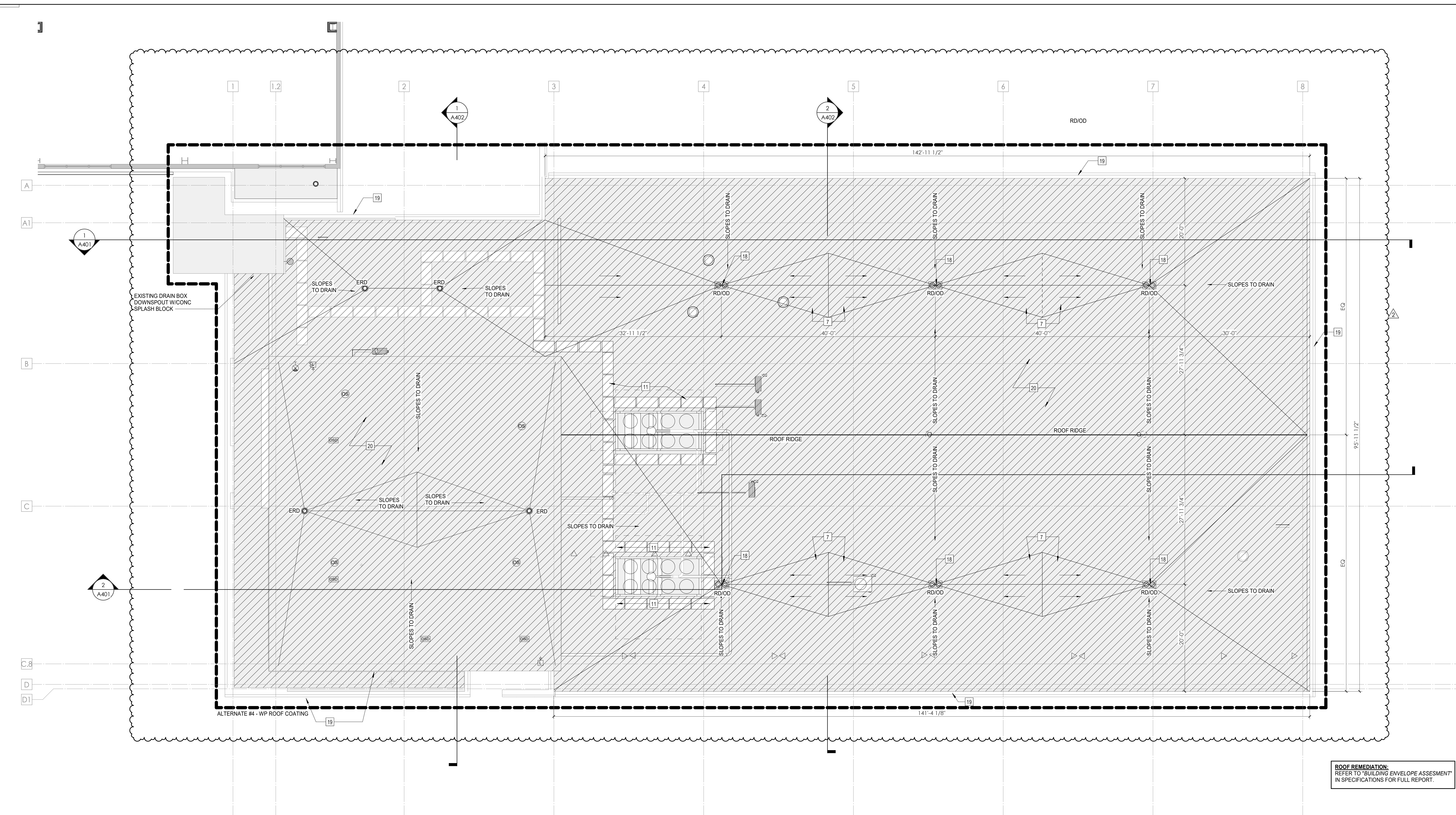
Issue Date:	FEBRUARY 1, 2021
PIC:	DAVID COLLINS
PM:	JOHN THURMAN
PA:	LAUREN BUSH / M LABBE
Drawn By:	M LABBE
Checked By:	B. PIERCY

Drawing Info:

A107

WP - ROOF PLAN

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ROOF REMEDIATION:
REFER TO "BUILDING ENVELOPE ASSESSMENT"
IN SPECIFICATIONS FOR FULL REPORT.

2 WP - ROOF PLAN Remove & replace roof
A107
1/8" = 1'-0"

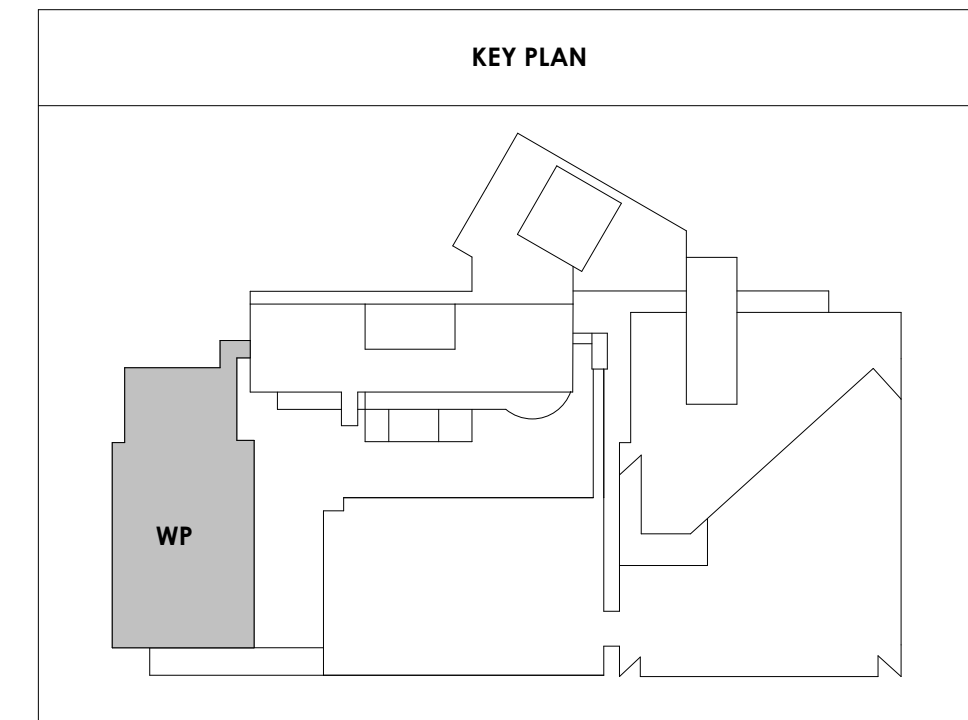
ROOF PLAN LEGEND

R1	EXISTING ROOF TO REMAIN
R2	NEW 30-YEAR, FULLY ADHERED, 60 MIL TPO ROOF MEMBRANES OVER A COVER BOARD AND CONTINUOUS R-30 POLYISOCYANURATE INSULATION ON SLOPED STRUCTURE - 1 HR FIRE RATING
R3	NEW 30-YEAR, FULLY ADHERED, 60 MIL TPO ROOF MEMBRANES OVER A COVER BOARD AND CONTINUOUS R-30 POLYISOCYANURATE BUILT-UP INSULATION ON FLAT STRUCTURE - 1 HR FIRE RATING
R4	NEW 30-YEAR, FULLY ADHERED, 60 MIL TPO ROOF MEMBRANES OVER A COVER BOARD AND CONTINUOUS R-30 POLYISOCYANURATE BUILT-UP INSULATION ON FLAT STRUCTURE - 1 HR FIRE RATING
WP	WALKPADS
RD	ROOF DRAIN
OD	OVERFLOW DRAIN
ERD	EXISTING ROOF DRAIN
OS	OVERFLOW SCUPPER

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 30-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 30-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 30-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. INFILL 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 ALUMINUM METAL GRATE LADDER & HANDRAILS UP TO CHILLER PLATFORM MOUNTED ON ISOLATION PADS
14	EXISTING ROOF HATCH TO REMAIN - VERIFY LOCATION IN FIELD
15	NEW ROOF HATCH W/ ACCESS SHPS LADDER BELOW
16	PROVIDE NEW SAFETY RAILS AROUND EXISTING ROOF HATCH TO REMAIN - 1/1"
17	REMOVE EXISTING ROOF SYSTEM TO DECK AND NEW 30-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 30-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

KEY PLAN





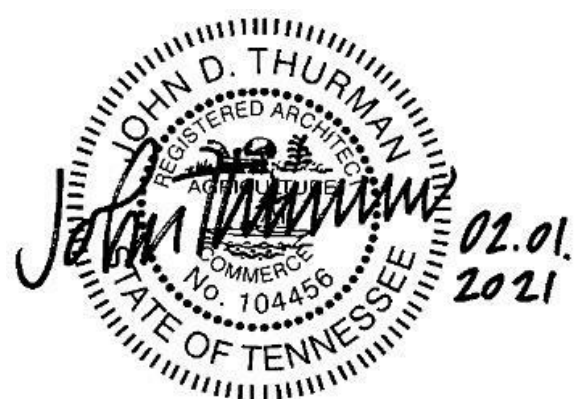
Project Information:

19018

COK SAFETY BUILDING

900 East Oak Hill Ave, Knoxville, TN

Seal:



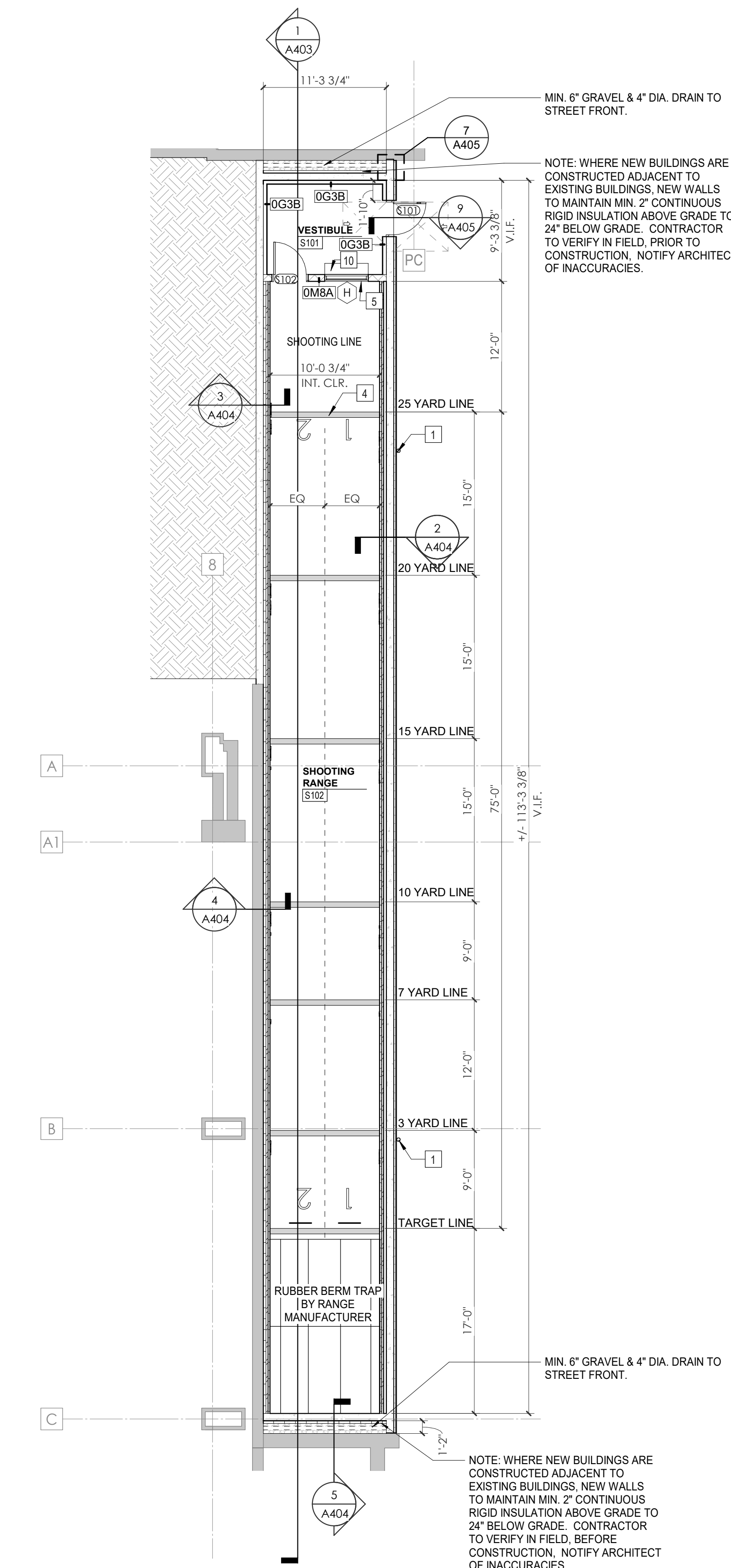
Consultant:
Architects Design Group

#	ISSUE	DATE
2	ADD #02.1	02/17/21

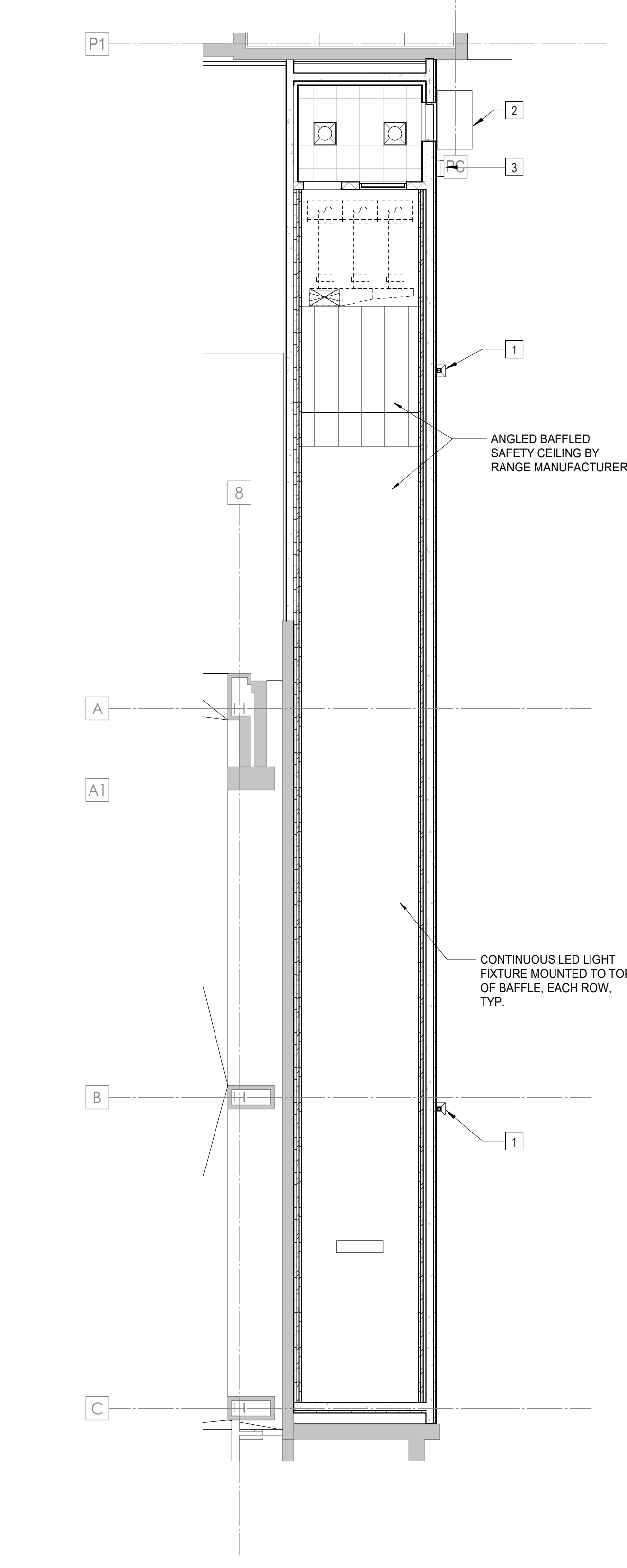
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PKC:	DAVID COLLINS
PM:	JOHN THURMAN
PA:	LAUREN BUSH /
Drawn By:	Author
Checked By:	B. PIERCY
Drawing Info:	

A108

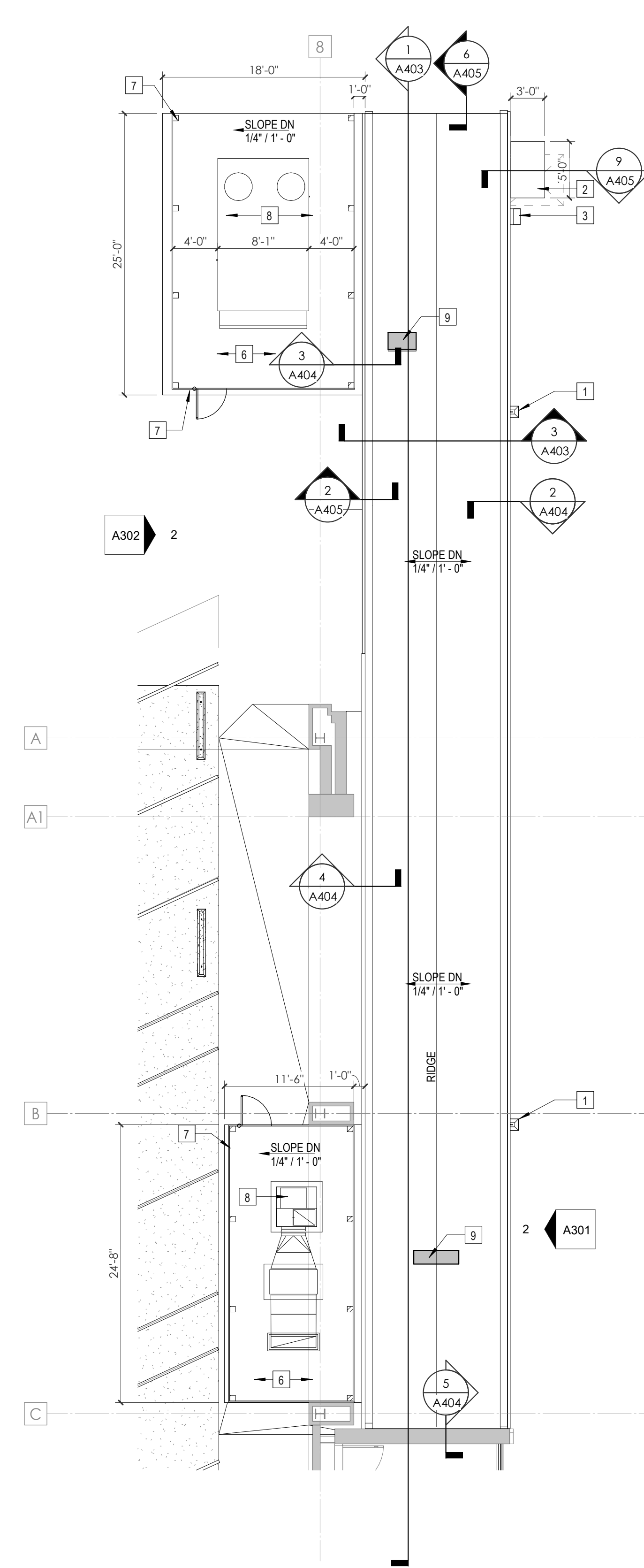
WP - SHOOTING RANGE FLOOR, RCP & ROOF PLANS



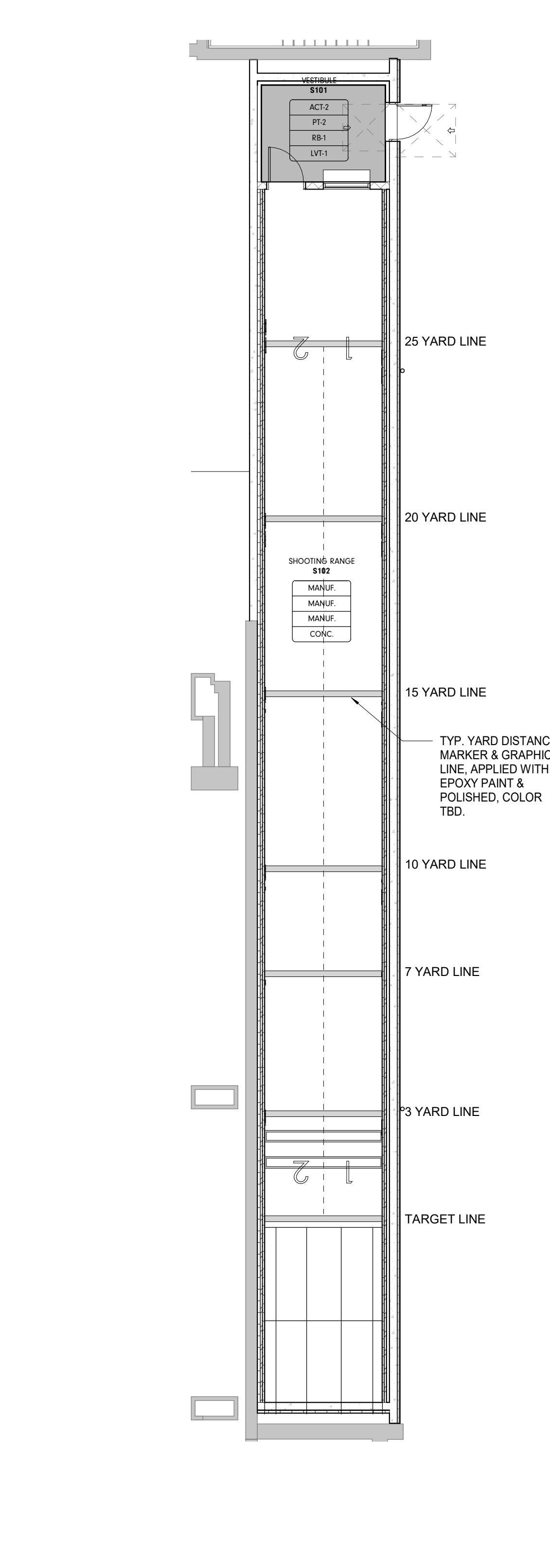
1 WP ALLEY LEVEL FLOOR PLAN - RANGE
1/8" = 1'-0"



2 WP ALLEY LEVEL REFLECTED CEILING PLAN - RANGE
1/8" = 1'-0"



3 WP ALLEY LEVEL ROOF PLAN - RANGE
1/8" = 1'-0"



4 WP ALLEY LEVEL FLOOR FINISH PLAN
1/8" = 1'-0"

RANGE FLOOR PLAN GENERAL NOTES

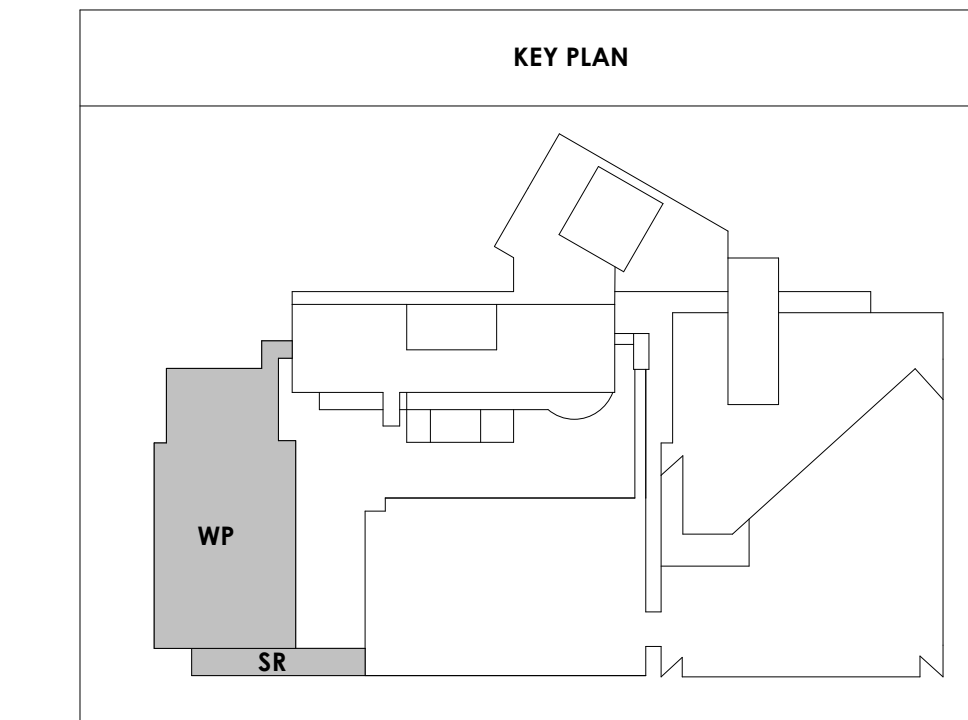
Tag	Text
1	CONDUCTOR HEAD WITH DOWN SPOUT
2	OVERHEAD DOOR CANOPY
3	EXTERIOR LIGHT, REFER TO ELECTRICAL
4	FLOOR LINE MARKER BY INTERIORS, TYP
5	48" X 48" WINDOW WITH BALLISTIC RATED GLAZING, SEE SPECIFICATIONS FOR INFO.
6	NEW CONCRETE SLAB, SLOPED MIN. 1/8" PER 1'-0" AWAY FROM GUN RANGE PARAPET, SEE STRUCTURAL FOR REINFORCING REQS. SEE CIVIL DRAWINGS FOR FINISHED ELEVATION.
7	NEW CHAIN LINK FENCE WITH PRIVACY SLAT, 4'-0" WIDE ACCESS GATE, LIFTED MIN. 1'-0" ABOVE CONCRETE SLAB, SEE SPECIFICATIONS FOR INFO.
8	NEW MECHANICAL EQUIPMENT, SEE GUN RANGE MANUFACTURER & VENTILATION EQUIPMENT INFO
9	LOCATION OF ROOF PENETRATION AND DUCT, VERIFY DIMS & LOCATION WITH MECHANICAL & RANGE MANUFACTURER VENTILATION REQUIREMENTS.
10	NEW 4'-0" W. X 1'-0" D. SHELF UNDER WINDOW

- REFER TO RANGE MANUFACTURER FOR RANGE DESIGN PRIOR TO CONSTRUCTION. ALL FINAL CONSTRUCTION DRAWINGS TO BE PROVIDED AND COORDINATED WITH STRUCTURAL, ELECTRICAL AND MECHANICAL CONSULTANTS.
- COORDINATE PRIOR TO CONSTRUCTION WITH STRUCTURAL DESIGNER, MECHANICAL RANGE CONSULTANT AND RANGE DESIGNER TO OBTAIN FINAL SIGNED AND SEALED DRAWINGS.
- ALL PARTITION DRYWALL JOINTS SHALL BE MUDDERED, TAPED AND SANDED SMOOTH WITH NO VISIBLE JOINTS TO LEVEL 4 FINISH.
- PROVIDE BACKER ROD AND JOINT SEALANT AT INTERSECTION OF ALL DISSIMILAR MATERIALS.
- 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.
- ALL EQUIPMENT OPENING DIMENSIONS AND DETAILS SHALL BE VERIFIED BY THE MANUFACTURER PRIOR TO THE EXECUTION OF ANY WORK AFFECTED BY THE SAME EQUIPMENT.

- BASIS OF DESIGN:**
 - THIS IS A 2 LANE, 25-YARD QUALIFYING SHOOTING RANGE FOR HAND GUNS, SMALL ARMS AND FORENSIC USE.
 - BALLISTIC RESISTANT WALL ASSEMBLIES SHALL BE CONSTRUCTED FROM 8" THICK CAST IN PLACE CONCRETE WALLS AND ROOF SLAB. WALLS ADJACENT TO EXISTING STRUCTURE WILL BE REINFORCED, SOLID GROUT FILLED CONCRETE MASONRY. THE VESTIBULE AREA WILL HAVE A SEPARATE MECHANICAL VENTILATION SYSTEM FROM THE RANGE VENTILATION. THE SEPARATION WALL BETWEEN THE RANGE AND VESTIBULE SHALL BE BALLISTIC RATED CONCRETE MASONRY WITH A BALLISTIC RATED WINDOW AND DOOR DIVIDING THE SPACES. PROVIDE A METAL STUD FUR OUT WALL FOR MOUNTING THE ELECTRIC PANEL AND OTHER WALL MOUNTED ITEMS AT THE BACK SIDE OF THE VESTIBULE. THE RANGE EXTERIOR FINISH MATERIAL SHALL BE AN INSULATED METAL PANEL SYSTEM AND INSULATED MEMBRANE ROOF SYSTEM WITH AN EXTERIOR CANOPY. MECHANICAL EQUIPMENT SHALL BE MOUNTED ON CONCRETE PADS ADJACENT TO THE RANGE AND SCREENED FROM PUBLIC VIEW. WATERPROOFING AND DRAINAGE SHALL BE PROVIDED ON THE EARTH FACING SIDE OF ALL RETAINING WALLS. THE ROOF WILL DRAIN TO GRADE THROUGH SCUPPERS AND DOWNSPOUTS TO THE ADJACENT DRIVE AND STORM WATER COLLECTION SYSTEM.

C. THE SHOOTING RANGE EQUIPMENT, BALLISTIC BAFFLES, TARGETING SYSTEM, BULLET TRAP, SOUND BAFFLES, RANGE MECHANICAL VENTILATIONS SYSTEMS AND SOUND SUPPRESSION SYSTEM SHALL BE DESIGNED AND INSTALLED BY SPECIALTY ENGINEERS/CONTRACTORS UNDER SEPARATE CONTRACT. PRELIMINARY DRAWINGS FOR SPECIALTY CONTRACTORS ARE PROVIDED FOR REFERENCE. COORDINATE THE SPECIALTY CONTRACTORS FINAL DESIGN DRAWINGS WITH THE ARCHITECTURAL AND ENGINEERING DRAWINGS PROVIDED PRIOR TO CONSTRUCTION.

ALTERNATE #1 DELETE FIRING RANGE AND ALL RELATED ITEMS





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 PIC: DAVID COLLINS
 PM: JOHN THURMAN
 PA: LAUREN BUSH /
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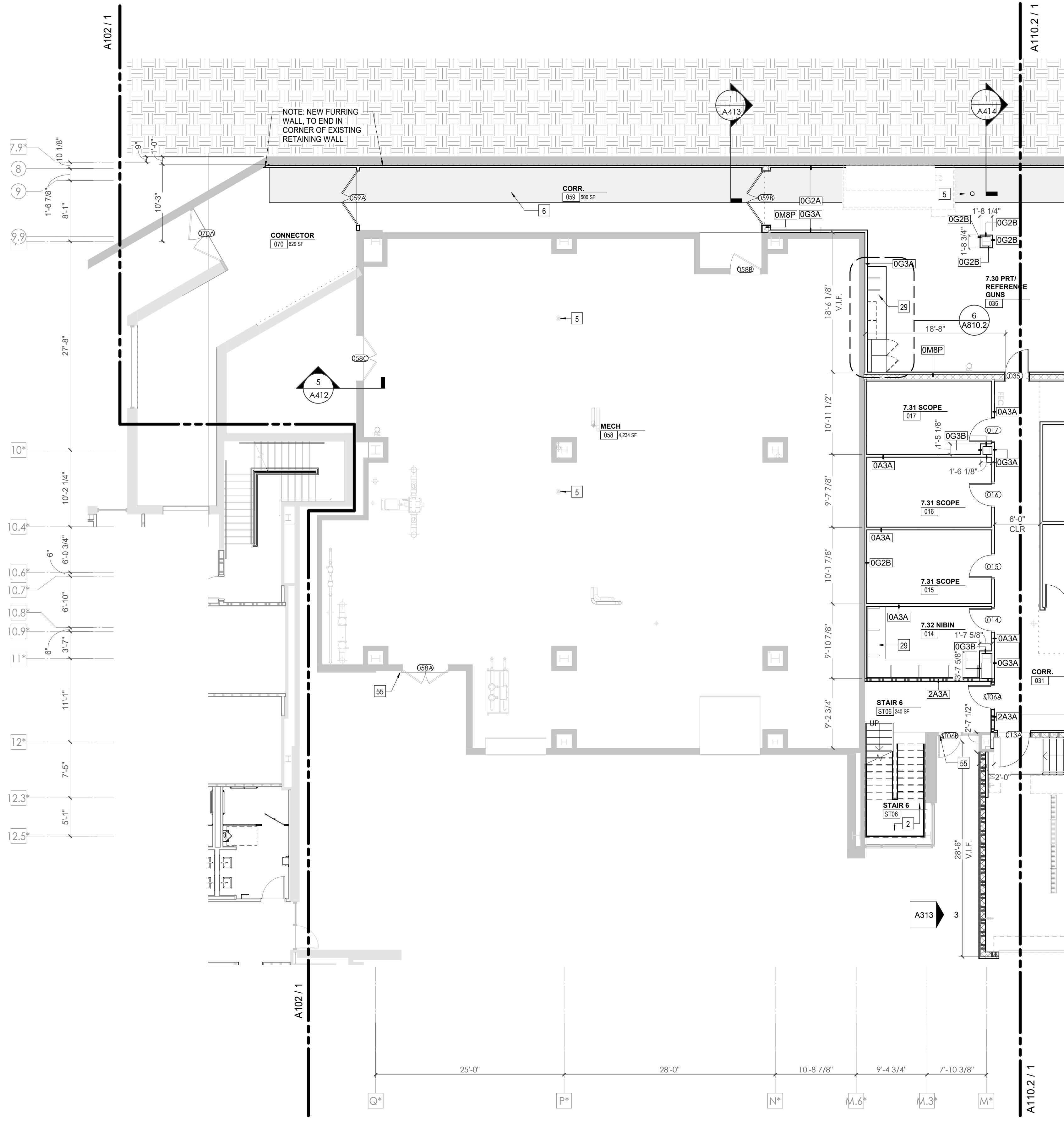
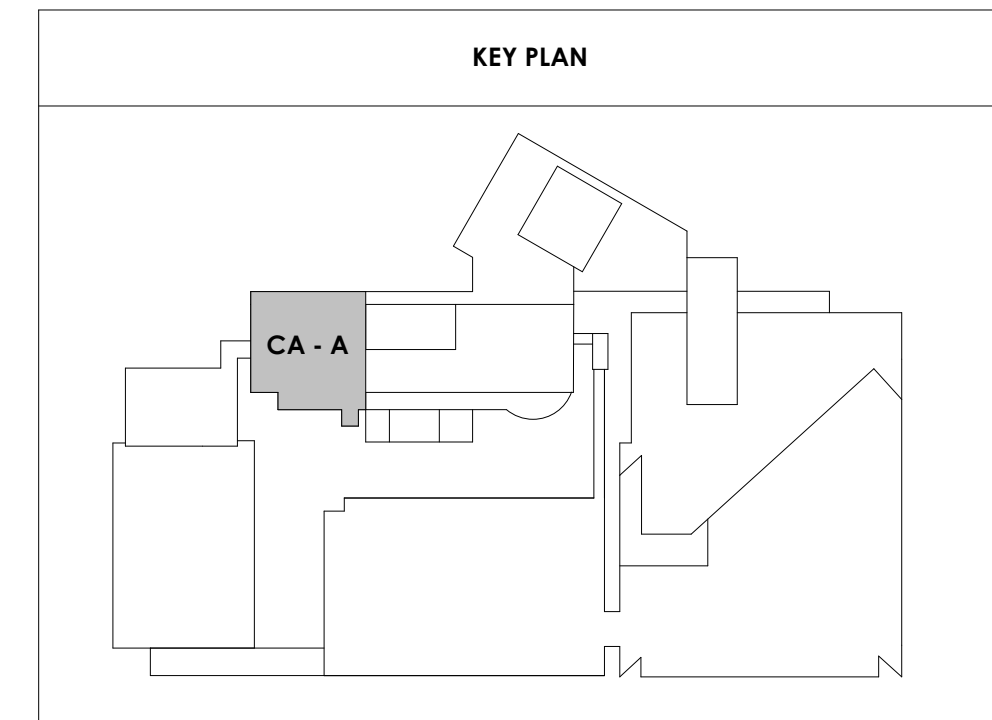
Drawing Info:

A110.1

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	
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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.
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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
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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)
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24	METAL DETECTOR ENTRY SECURITY
25	MOP SINK - SEE PLUMBING
26	18" DEEP BOOKSHELVES
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33	NEW DROP BOX
34	HIGH DENSITY MOBILE STORAGE SYSTEM AND OVERHEAD COILING DOOR
35	OWNER PROVIDED HIGH DENSITY MOBILE STORAGE SYSTEM AND OVERHEAD COILING DOOR
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
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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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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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72	EXISTING ELEVATOR - TO BE ABANDONED. WELD DOORS SHUT AND INFILL OPENING WITH METAL STUD FRAMING.



2/17/2021 5:06:26 PM

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



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Seal:



Consultant:

Architects Design Group

#	ISSUE	DATE
2	ADD #2.1	02/17/21

Issue Date: FEBRUARY 01, 2021

PK: DAVID COLLINS

PM: JOHN THURMAN

PA: LAUREN BUSH /

Drawn By: JW

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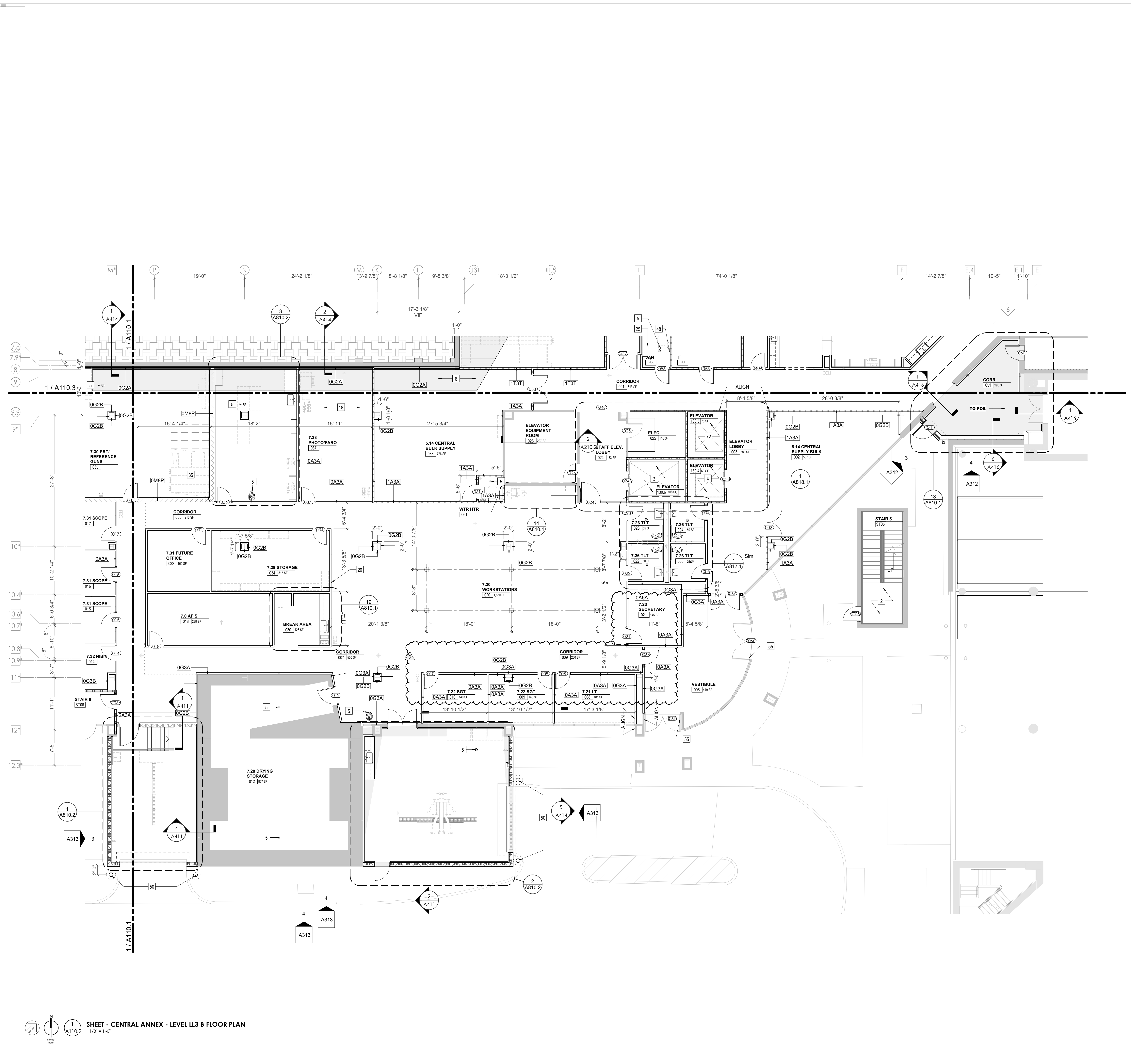
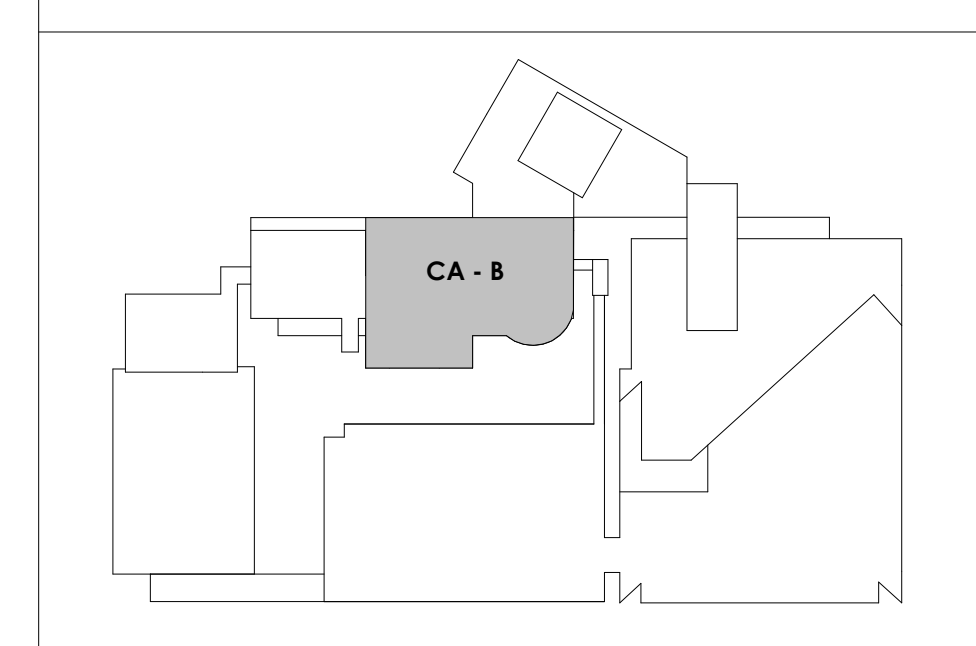
CA - LEVEL LL3 B
FLOOR PLAN

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KEY PLAN





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19018

COK PUBLIC SAFETY COMPLEX

900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:
Architects Design Group

#	ISSUE	DATE
2	ADD #2.1	02/17/21

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

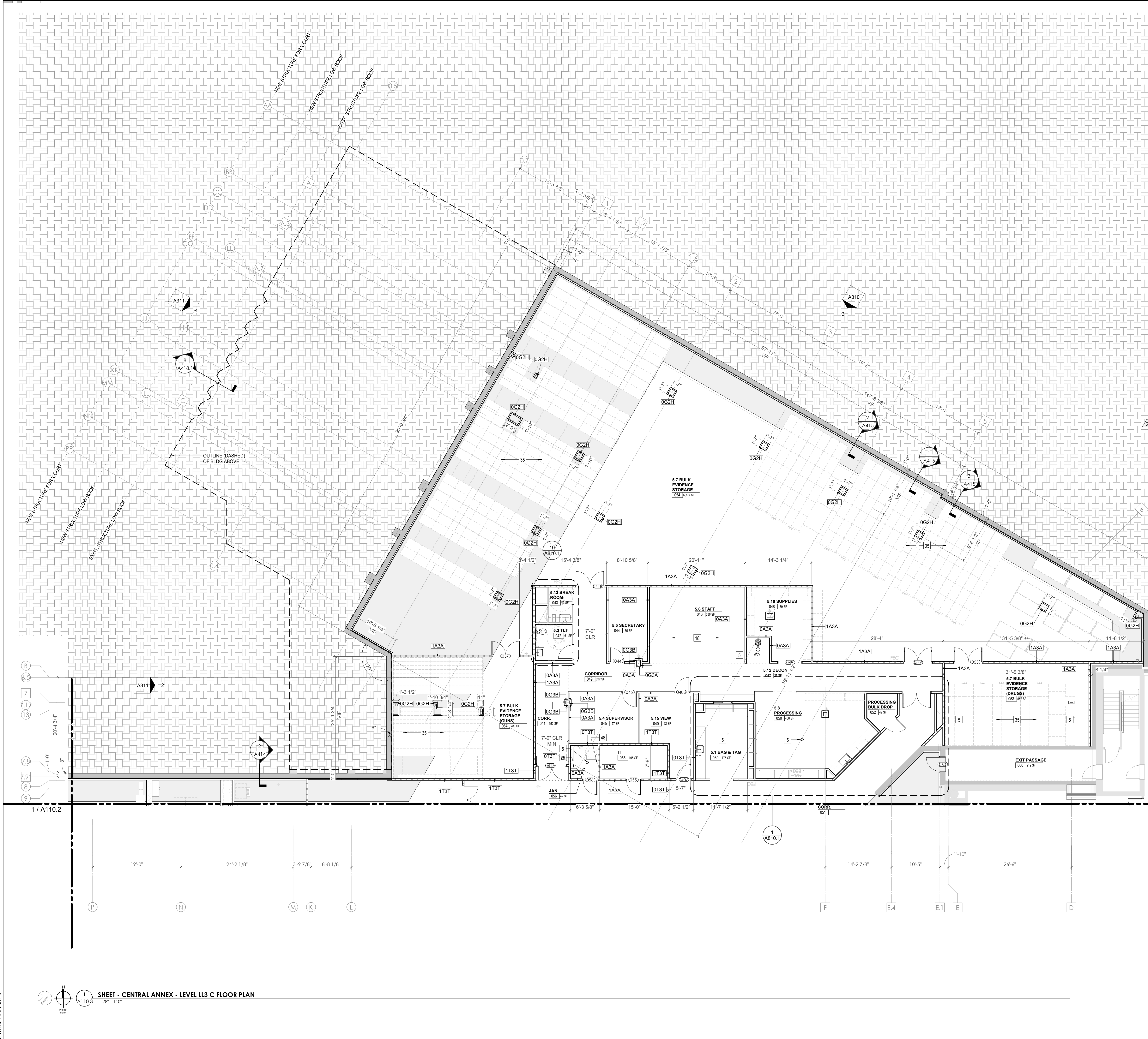
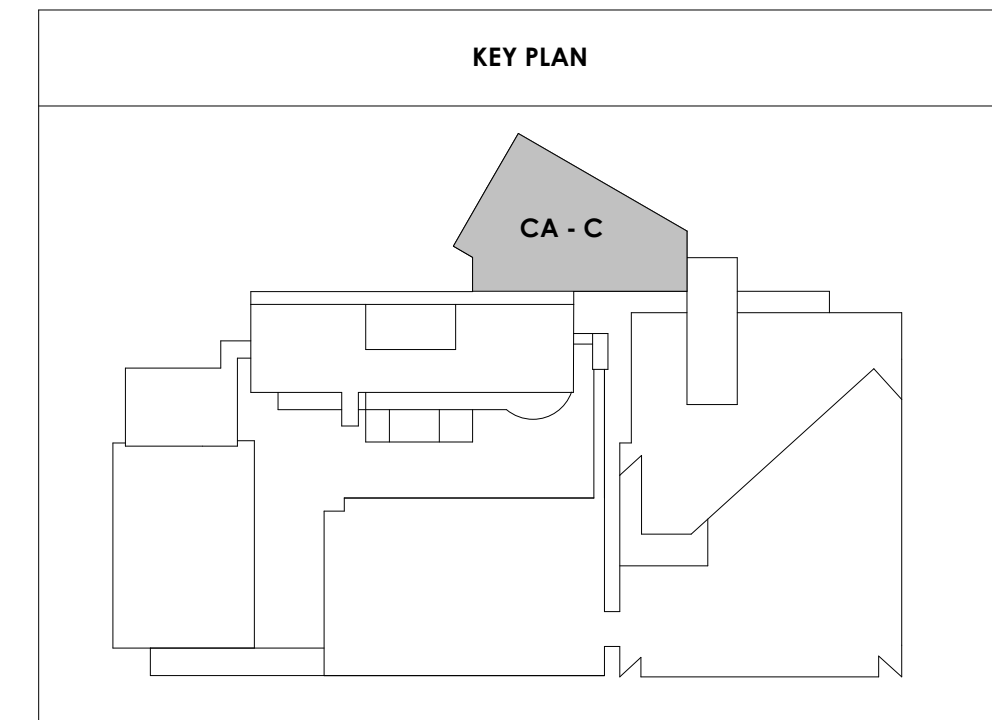
Drawing Info:

A110.3

CA - LEVEL LL3 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 - 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	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	UNDERCOUNTER WATER COOLER
35	OWNER PROVIDED HIGH DENSITY MOBILE STORAGE SYSTEM AND OVERHEAD RACKS
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	AUTLUS BY C.R. LAURENCE
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
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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.
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 A11.2
61	1" FLUSH FLOOR TO FLOOR 2 HR EXPANSION JOINT (TYPE 2) TO MATCH ADJACENT CARPET - SEE STRUC AND DETAILS ON A11.2
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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 A11.2
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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.
72	EXISTING ELEVATOR - TO BE ABANDONED. WELD DOORS SHUT AND INFILL OPENING WITH METAL STUD FRAMING.



1 / A110.2 SHEET - CENTRAL ANNEX - LEVEL LL3 C FLOOR PLAN
1/8" = 1'-0"

2/17/2021 5:06:38 PM



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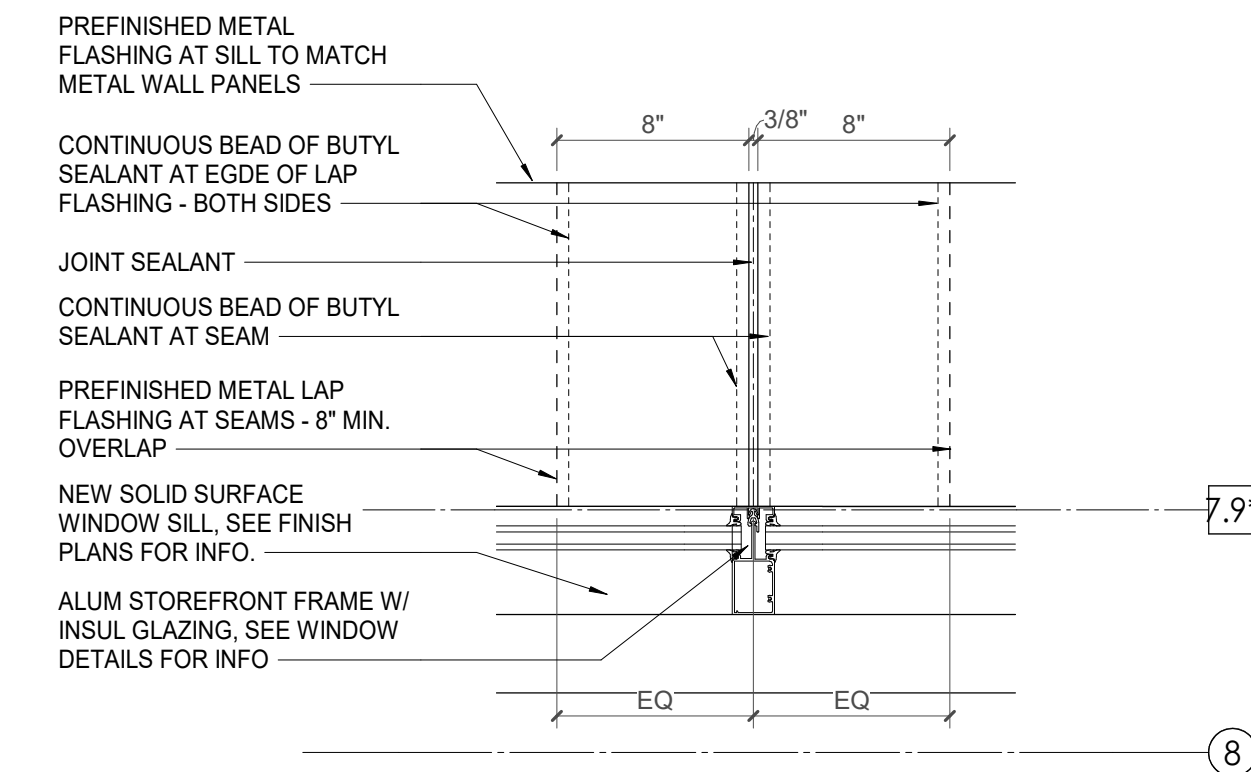
A111.1

CA - LEVEL LL2 A FLOOR PLAN

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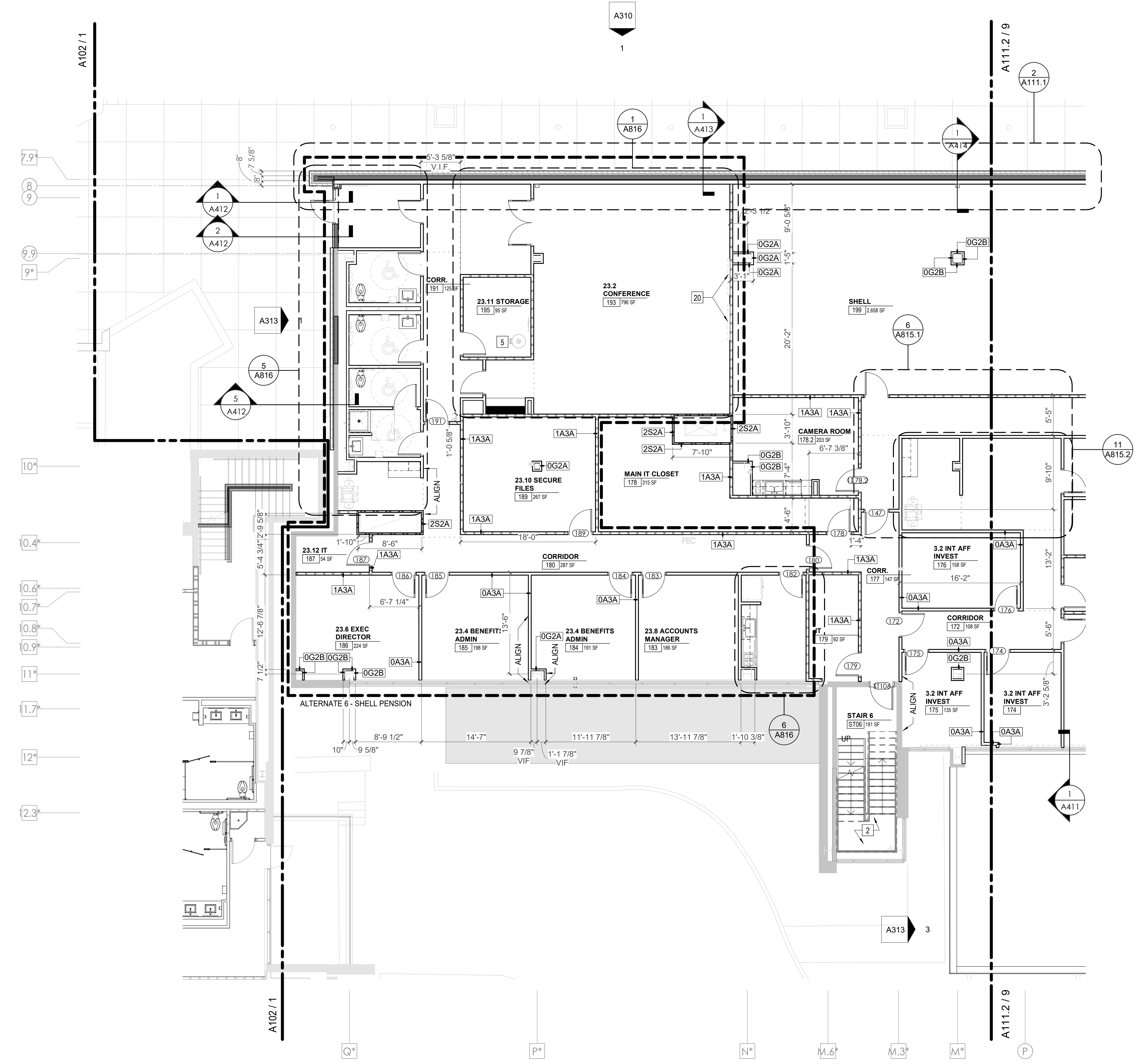
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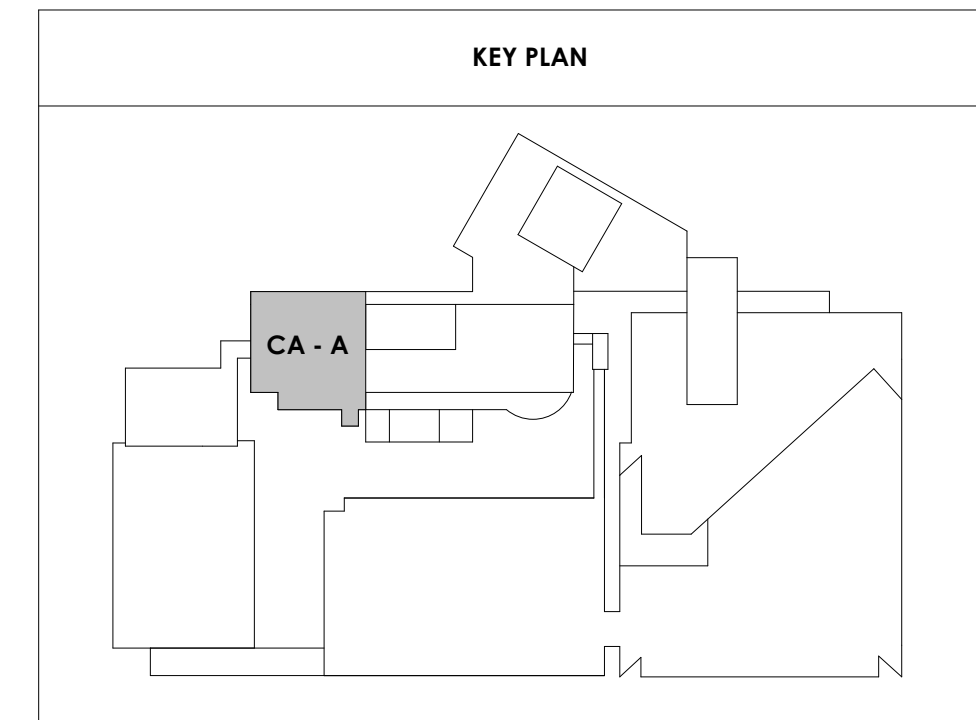


3 METAL SILL FLASHING JOINT DETAIL
1/12" = 1'-0"

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



1 CENTRAL ANNEX - LEVEL LL2 A FLOOR PLAN
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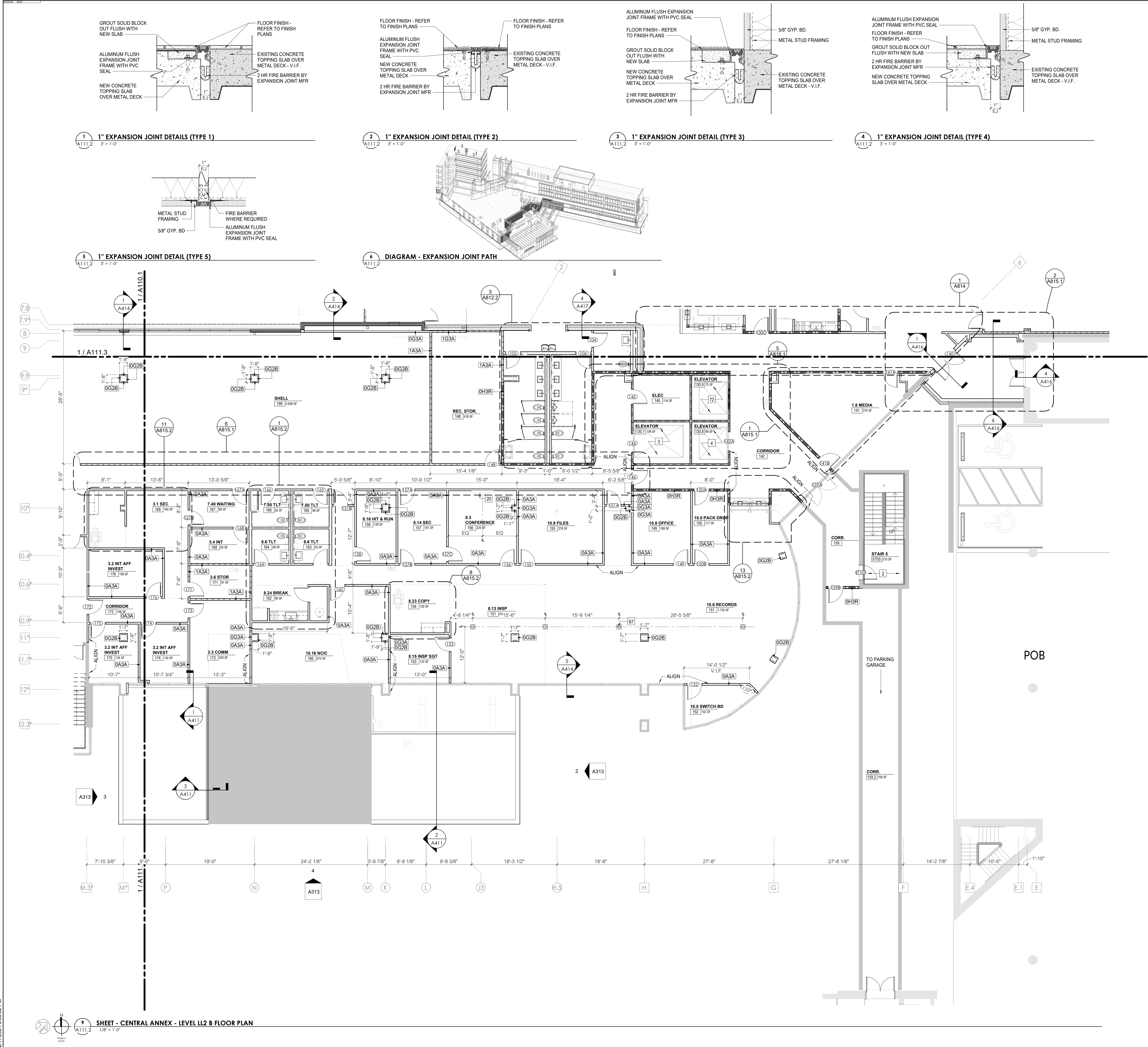
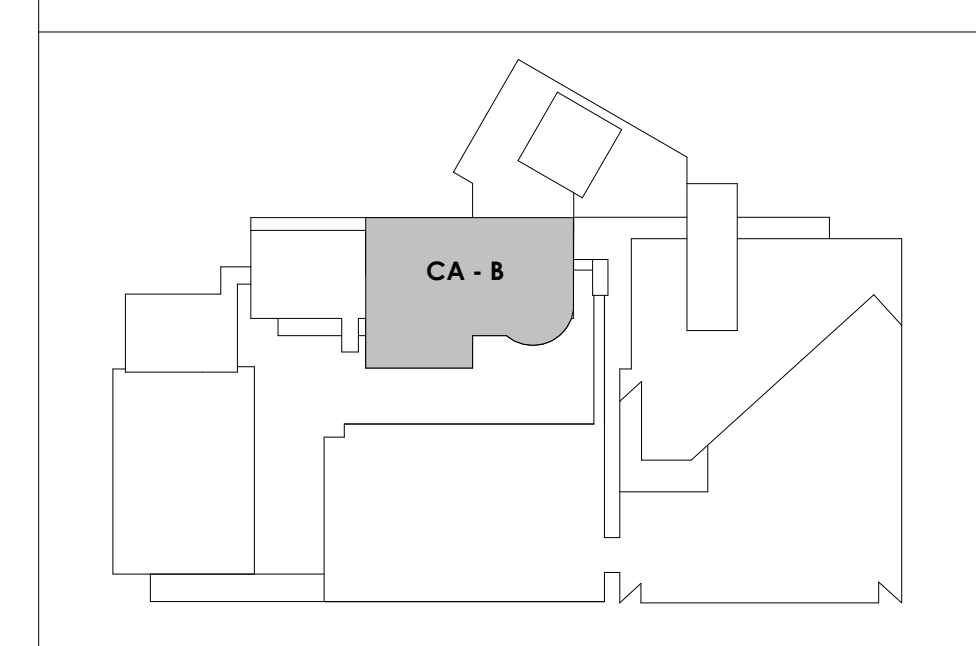
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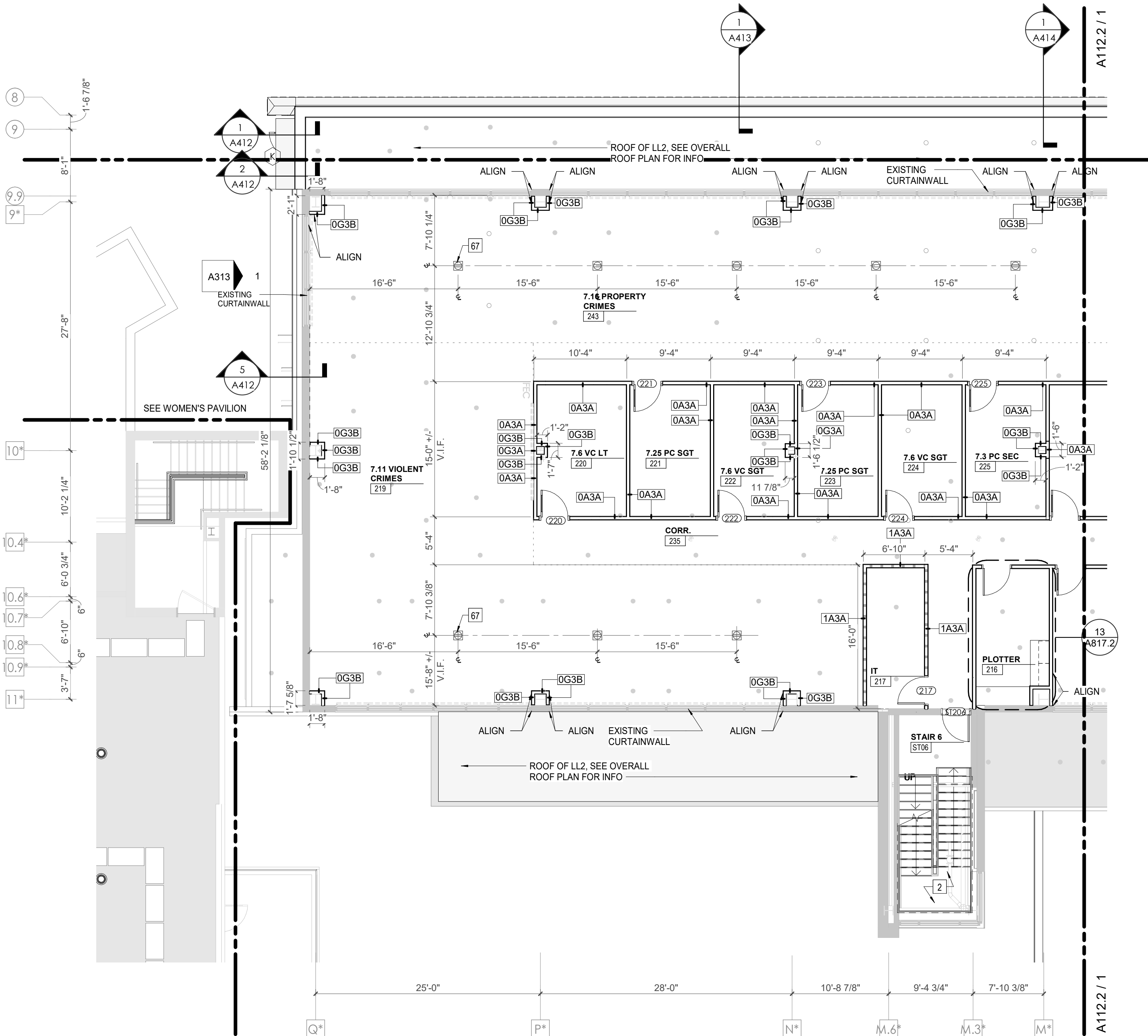
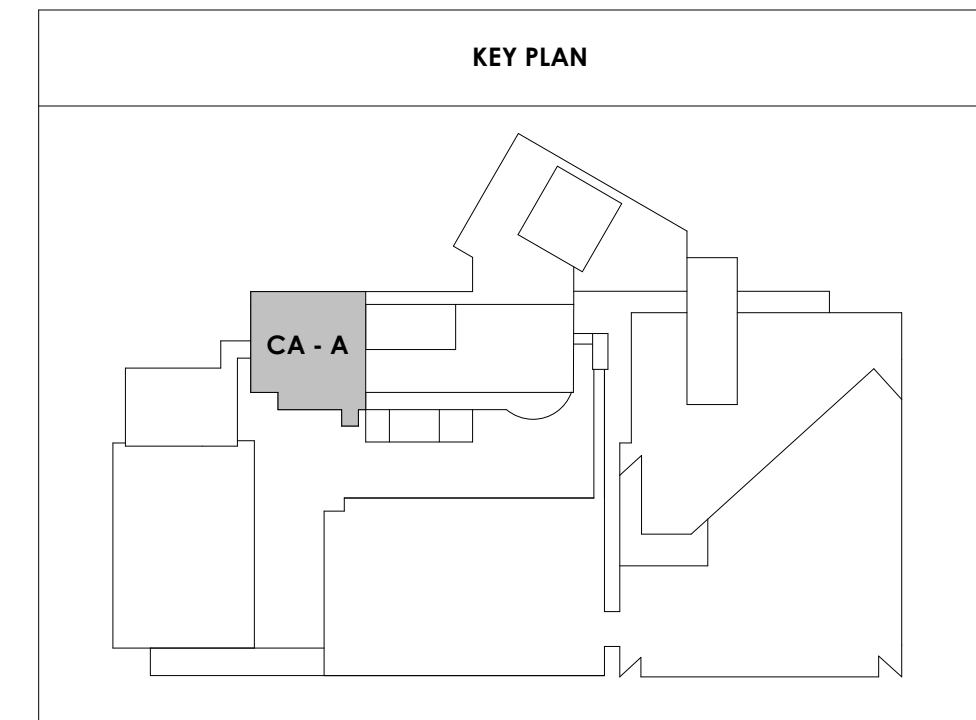
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3	EXISTING ELEVATOR TO BE MODIFIED/REPLACED AS REQUIRED TO REACH ALL FOUR (4) FLOORS. SEE ELEVATOR PLANS & DETAILS SHEET FOR INFO.
4	EXISTING ELEVATOR - REFURBISH EQUIPMENT & CONTROLS, NEW FINISHES TO INTERIOR OF CAR AS REQ'D. SEE ELEVATOR PLANS & 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
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
33	NEW DROP BOX
34	HIGH LOW WATER COOLER
35	OWNER PROVIDED HIGH DENSITY MOBILE STORAGE SYSTEM AND OVERHEAD RACKS
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 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
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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.
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 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.
72	EXISTING ELEVATOR - TO BE ABANDONED. WELD DOORS SHUT AND INFILL OPENING WITH METAL STUD FRAMING.



CENTRAL ANNEX - LEVEL LL1 A 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 #2.1	02/17/21

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

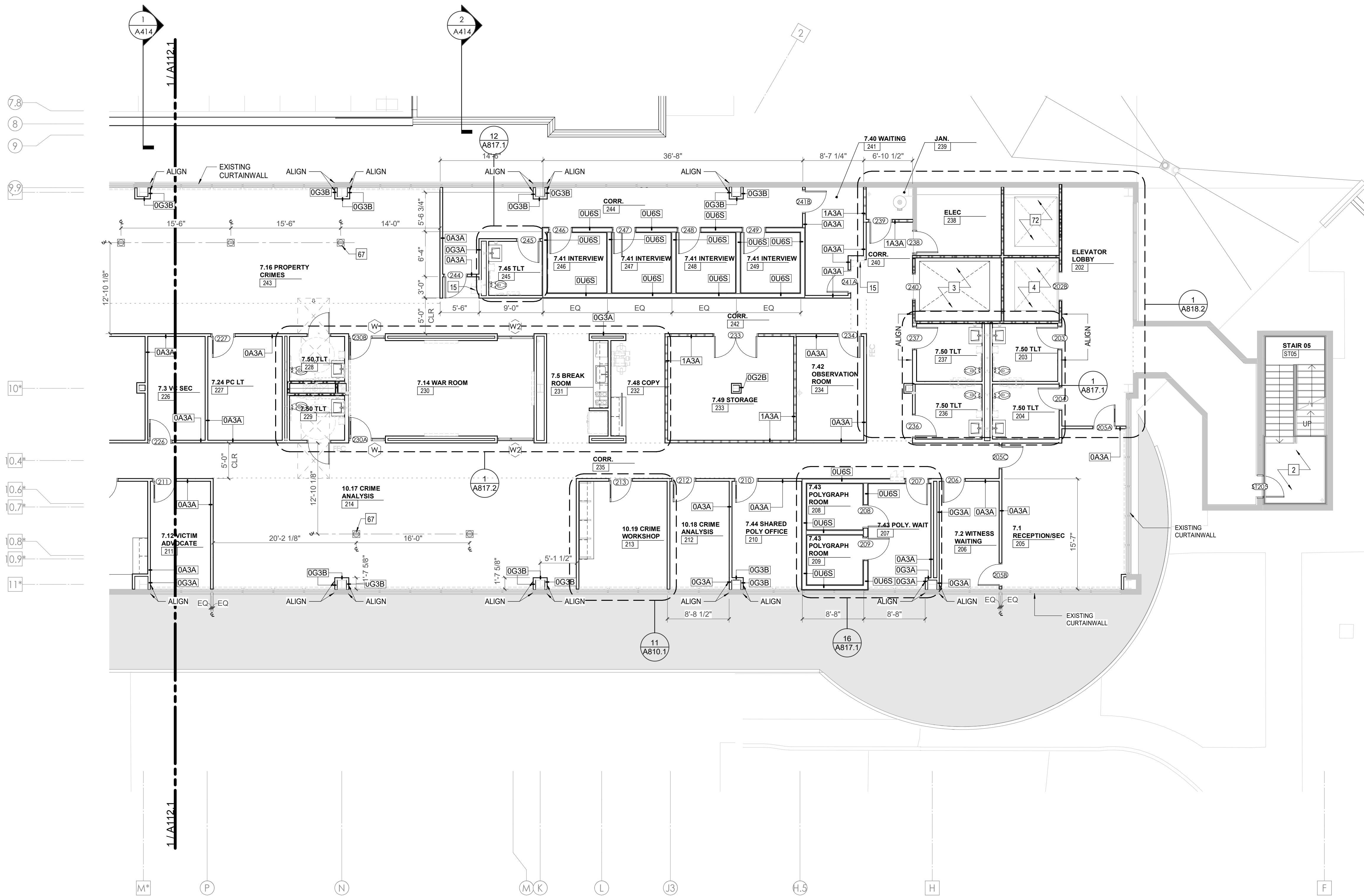
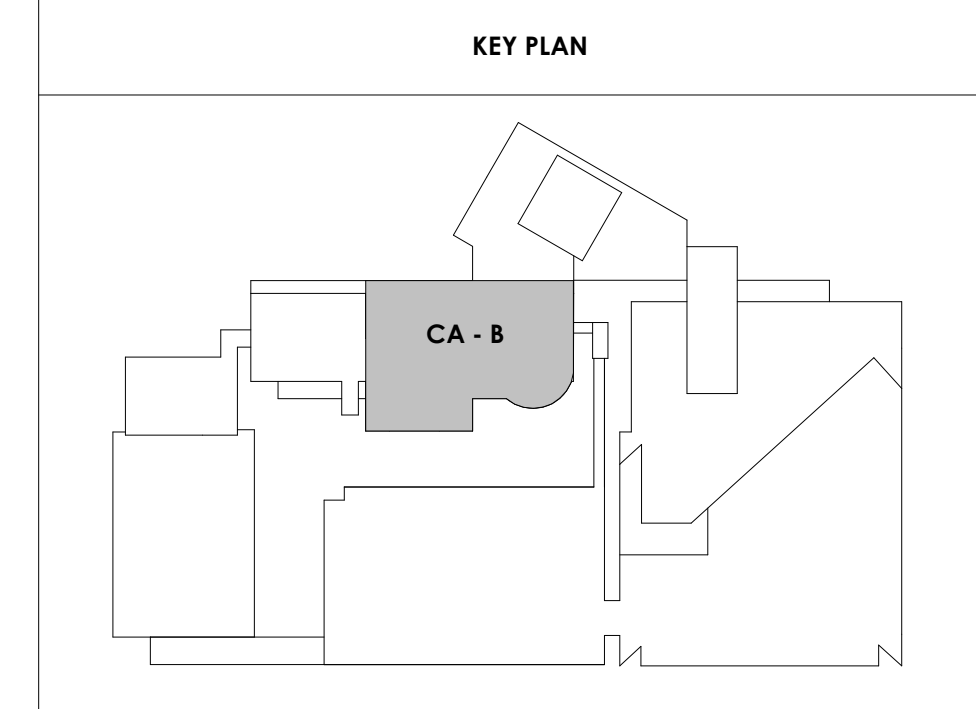
Drawing Info:

A112.2

CA - LEVEL LL1 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 - FLOOR PLANS	
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59	EYE WASH - SEE PLUMBING
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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
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 1
 A112.2
 CENTRAL ANNEX - LEVEL LL1 B FLOOR PLAN
 1/8" = 1'-0"



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Drawn By:	JW
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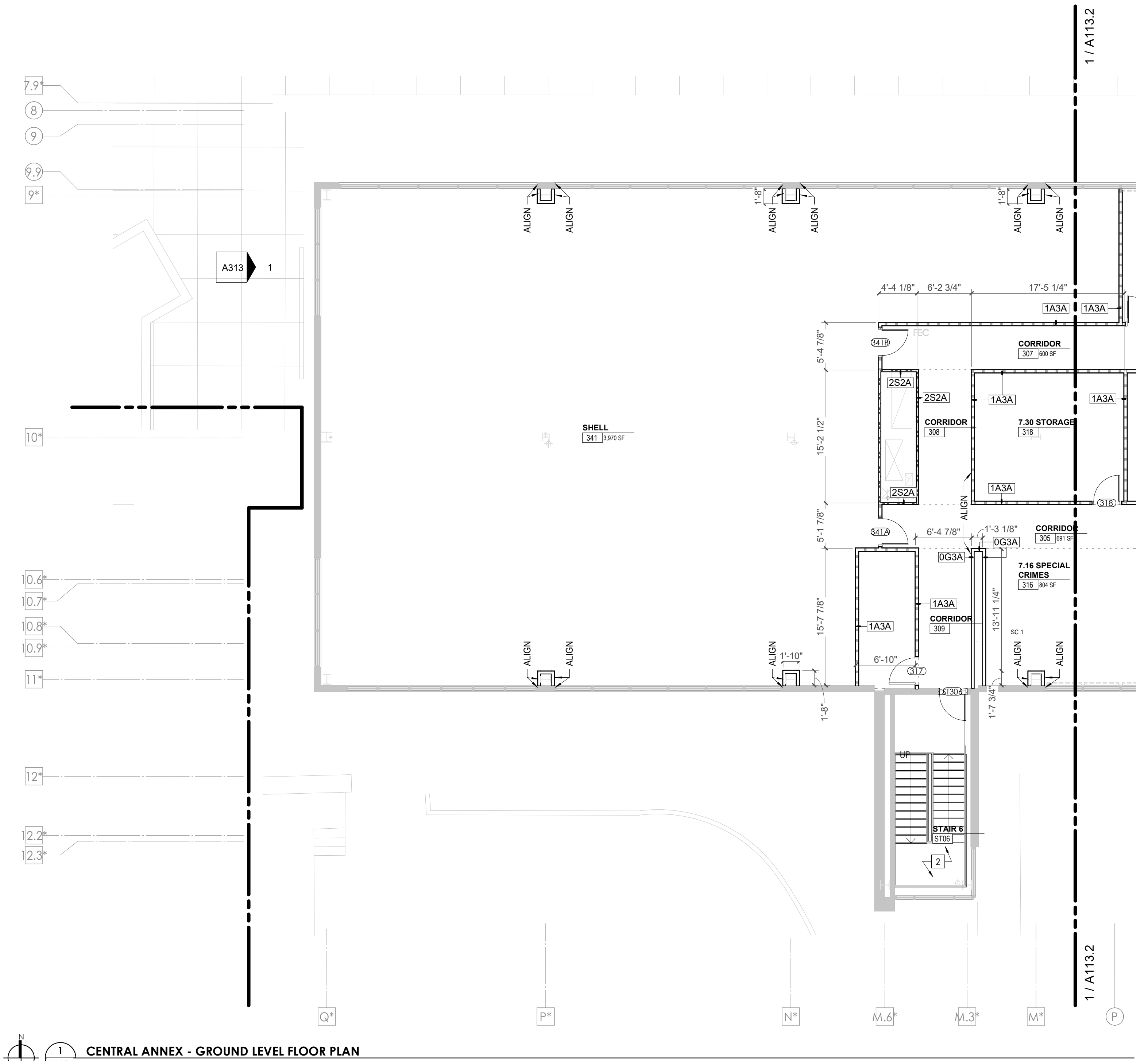
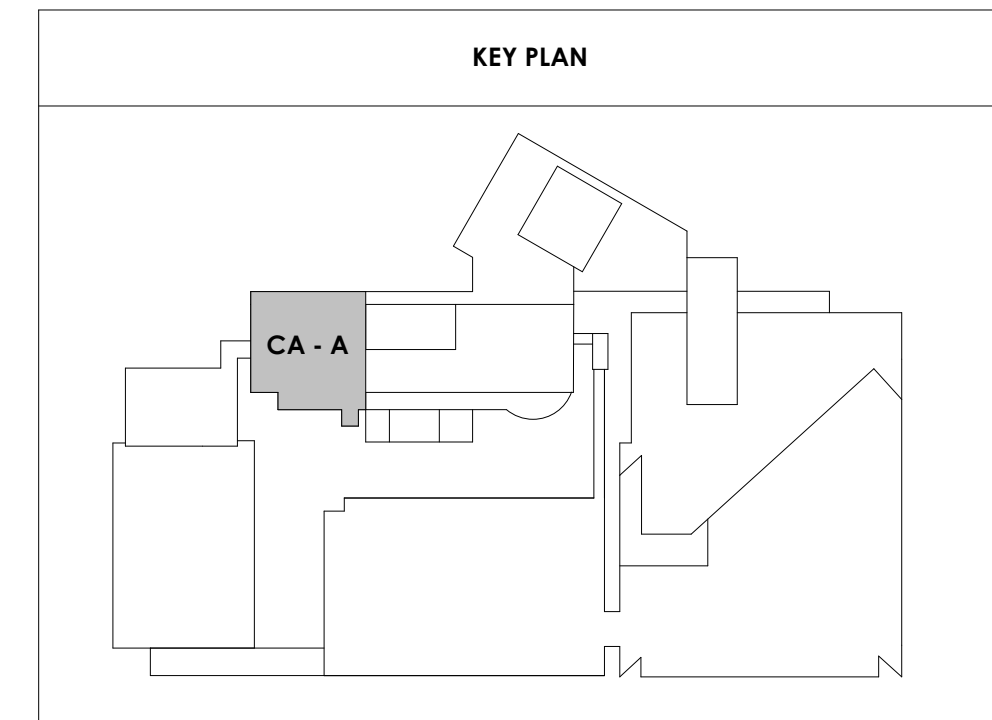
Drawing Info:

A113.1

CA - LEVEL GROUND 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
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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.
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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
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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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32	OPERABLE FOLDING PARTITION
33	NEW DROP BOX
34	HIGH DENSITY MOBILE STORAGE SYSTEM AND OVERHEAD RAILS
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
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40	OWNER PROVIDED REFRIGERATOR, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
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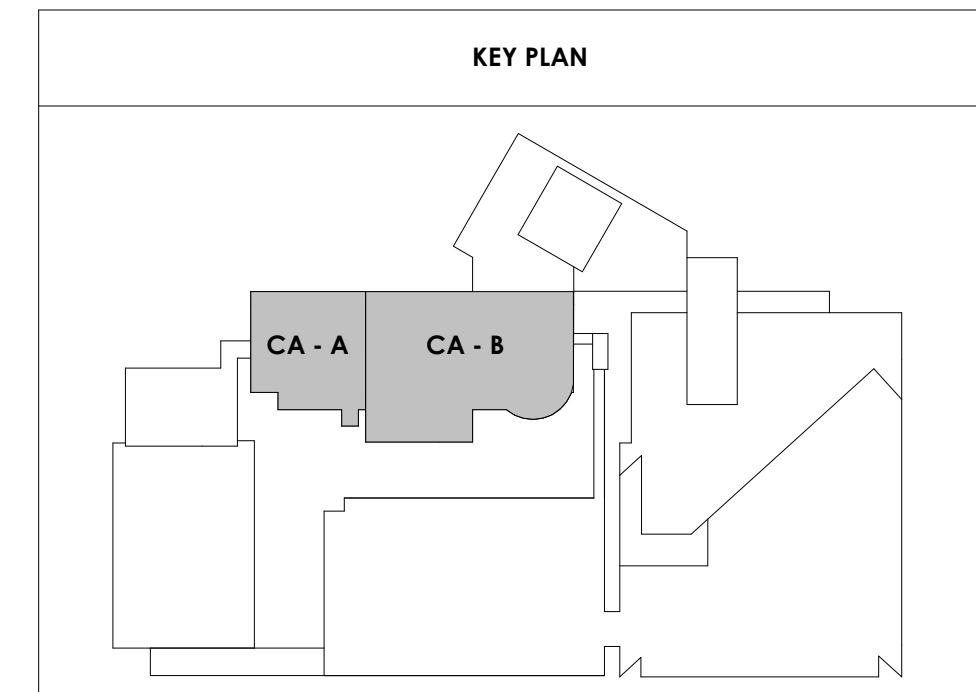
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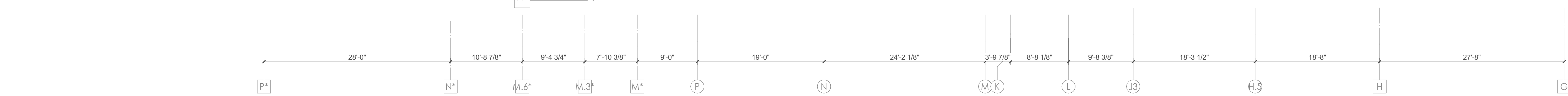
CA - LEVEL
PENTHOUSE A FLOOR
PLAN

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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 RACK
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, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
42	OWNER PROVIDED REFRIGERATOR UNDERCOUNTER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
43	OWNER PROVIDED BLUN COFFEE MAKER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
44	OWNER PROVIDED MICROWAVE UNDERCOUNTER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
45	OWNER PROVIDED UNDERCOUNTER DISHWASHER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
46	OWNER PROVIDED COOKTOP AND HOOD, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
47	OWNER PROVIDED ICE MAKER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
48	NEW WATER HEATER - SEE PLUMBING
49	WALL MOUNTED MOP & BROOM HOLDER
50	APPLY TRANSLUCENT FILM TO INSIDE FACE OF GLAZING
51	IMPACT RESISTANT STEEL BOLLARD, GENERAL LOCATION SHOWN, COORDINATE LOCATION IN FIELD.
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
60	EYE WASH - SEE PLUMBING
61	1" FLUSH FLOOR TO FLOOR 2 HR EXPANSION JOINT (TYPE 1) TO MATCH ADJACENT TILE - SEE STRUC AND DETAILS ON A111.2
62	1" FLUSH FLOOR TO FLOOR 2 HR EXPANSION JOINT (TYPE 2) TO MATCH ADJACENT CARPET - SEE STRUC AND DETAILS ON A111.2
63	1" FLUSH FLOOR TO WALL 2 HR EXPANSION JOINT (TYPE 3) TO MATCH ADJACENT CARPET - SEE STRUC AND DETAILS ON A111.2
64	1" FLUSH FLOOR TO WALL 2 HR EXPANSION JOINT (TYPE 4) TO MATCH ADJACENT TILE - SEE STRUC AND DETAILS ON A111.2
65	1" FLUSH WALL CEILING TO WALL/CEILING EXPANSION JOINT (TYPE 5) TO MATCH ADJACENT PAINT COLOR - SEE STRUC AND DETAILS ON A111.2
66	1" EXPANSION JOINT (TYPE 6) TO MATCH ADJACENT BRICK - SEE STRUC AND DETAILS
67	ADA PUSH BUTTON
68	FLOOR BOX - VERIFY FINAL LOCATION PRIOR TO INSTALLATION W/ ARCHITECT, COORDINATE W/ SYSTEMS FURNITURE - SEE ELECTRICAL
69	OWNER PROVIDED VENDING MACHINE, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
70	CEILING MOUNTED TV, PROVIDE NECESSARY MOUNTING HARDWARE - SEE ELECTRICAL AND TELECOMMUNICATIONS
71	OWNER PROVIDED MICROWAVE, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
72	24" DEEP STAINLESS PASS THROUGH COUNTER INSTALLED 34" A.F.F. SEE ENLARGED PLANS FOR INFO.
73	EXISTING ELEVATOR - TO BE ABANDONED. WELD DOORS SHUT AND INFILL OPENING WITH METAL STUD FRAMING.



- 8
- 9
- 9.1
- 9.2
- 10
- 10.1
- 10.2
- 10.3
- 10.4
- 10.5
- 10.6
- 10.7
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- 11
- 12
- 12.1
- 12.2
- 12.3
- 12.4
- 12.5



2/17/2021 5:08:32 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
2	ADD #2.1	02/17/21

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

A118

CA - OVERALL ROOF PLAN

ROOF PLAN LEGEND

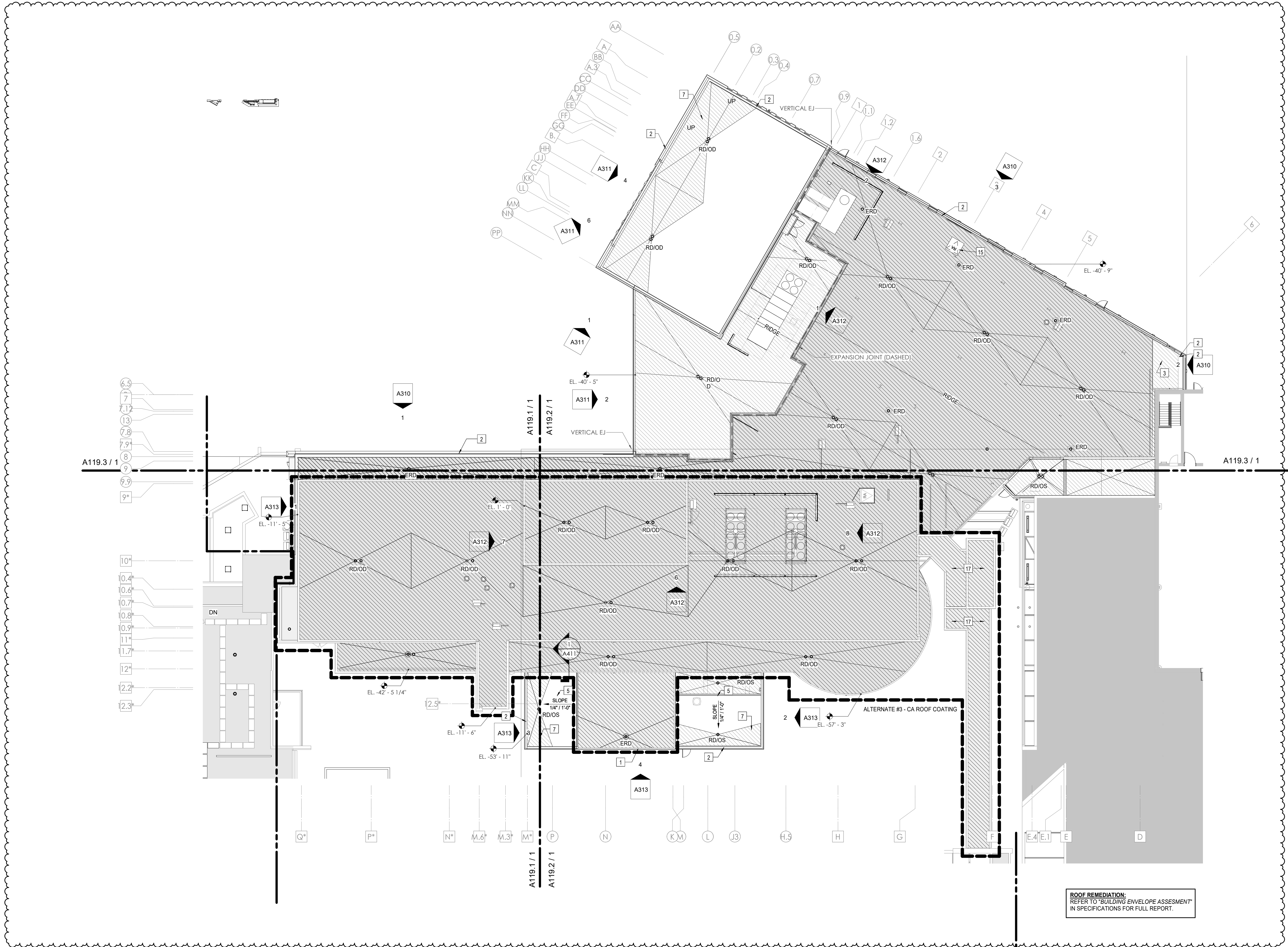
GRAPHICS	
	R1 EXISTING ROOF ASSEMBLY TO REMAIN
	R2 NEW ROOF ASSEMBLY** ON EXIST. FLAT STRUCT. - SLOPE INSUL TO DRAINS AS SHOWN - 1 HR FIRE RATING
	R3 NEW ROOF ASSEMBLY** ON NEW SLOPED STRUCT. - 1 HR FIRE RATING
	R4 NEW ROOF ASSEMBLY** ON NEW FLAT STRUCT. - SLOPE INSUL TO DRAINS AS SHOWN - 1 HR FIRE RATING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

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

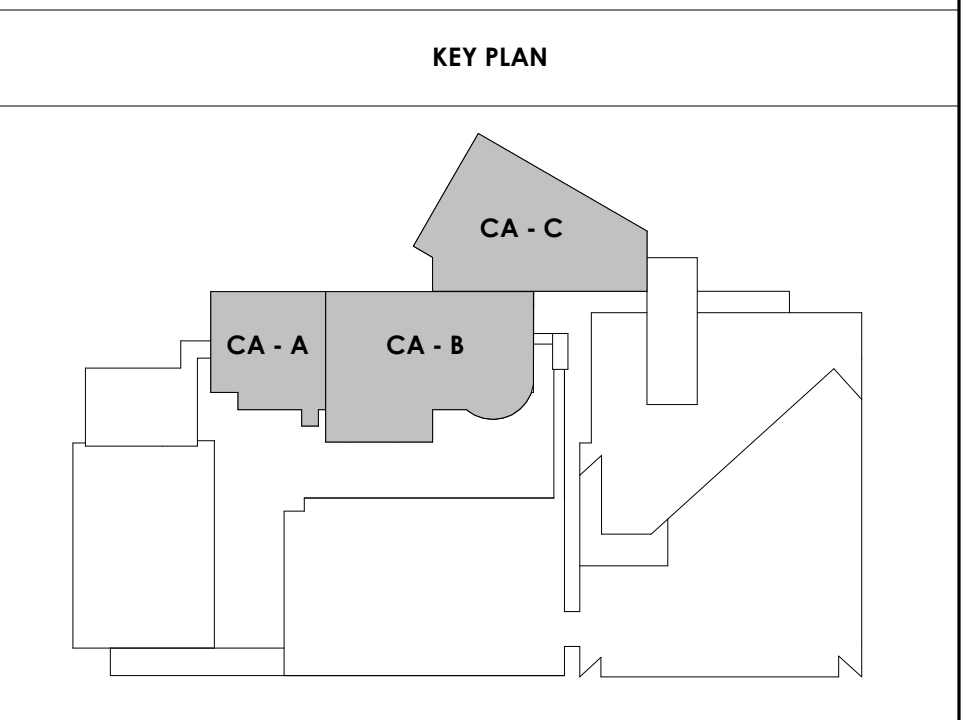
ABBREVIATIONS			
'RD'	ROOF DRAIN	'ERD'	EXISTING ROOF DRAIN
'OD'	OVERFLOW DRAIN	'OS'	OVERFLOW SCUPPER
ROOF DRAIN SET @ +6" ABOVE ROOF DECK (ASSUMES R-5/IN (R-30 MIN))			

KEYNOTE - ROOF PLAN

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7	NEW POLYISO INSULATION CRICKET, SLOPED MIN. 1/4" PER 1'-0" TOWARDS ROOF DRAIN
8	EXIST. ROOF DRAIN TO BE ABANDONED - SEE STRUC. INFILL 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 STAR 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
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ROOF REMEDIATION:
REFER TO "BUILDING ENVELOPE ASSESSMENT"
IN SPECIFICATIONS FOR FULL REPORT.



1
A118
SHEET - CENTRAL ANNEX - OVERALL ROOF PLAN
1/16" = 1'-0"



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19018

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PA:	LAUREN BUSH /
Drawn By:	CW
Checked By:	BP

Drawing Info:

A119.1

CA - ROOF PLAN A

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ROOF PLAN LEGEND

GRAPHICS	Text
R1	EXISTING ROOF ASSEMBLY TO REMAIN
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** 30-YEAR, FULLY ADHERED, 60 MIL TPO ROOF MEMBRANE OVER COVER BOARD OVER CONT. R-30 (MIN) RIGID INSUL.

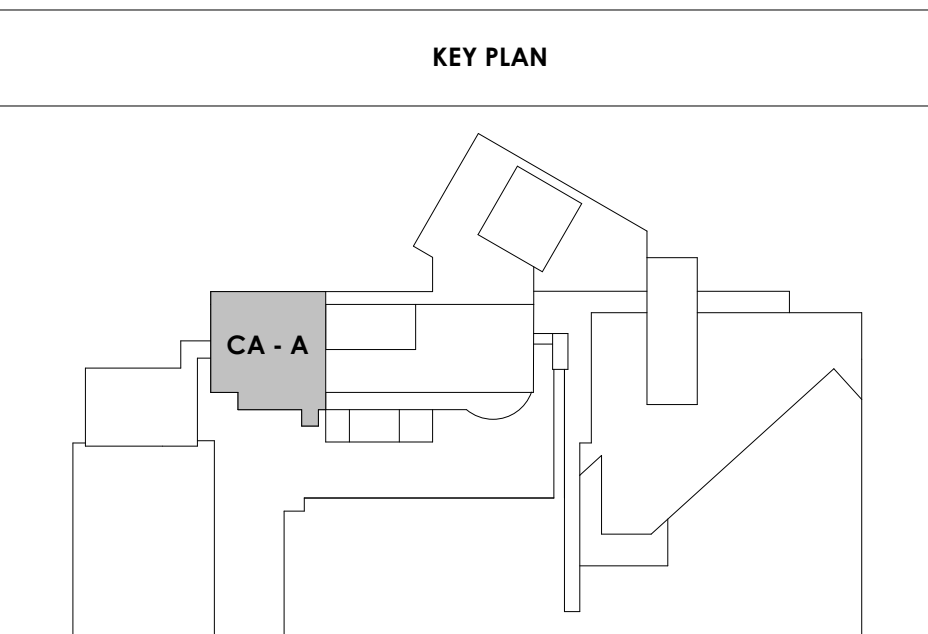
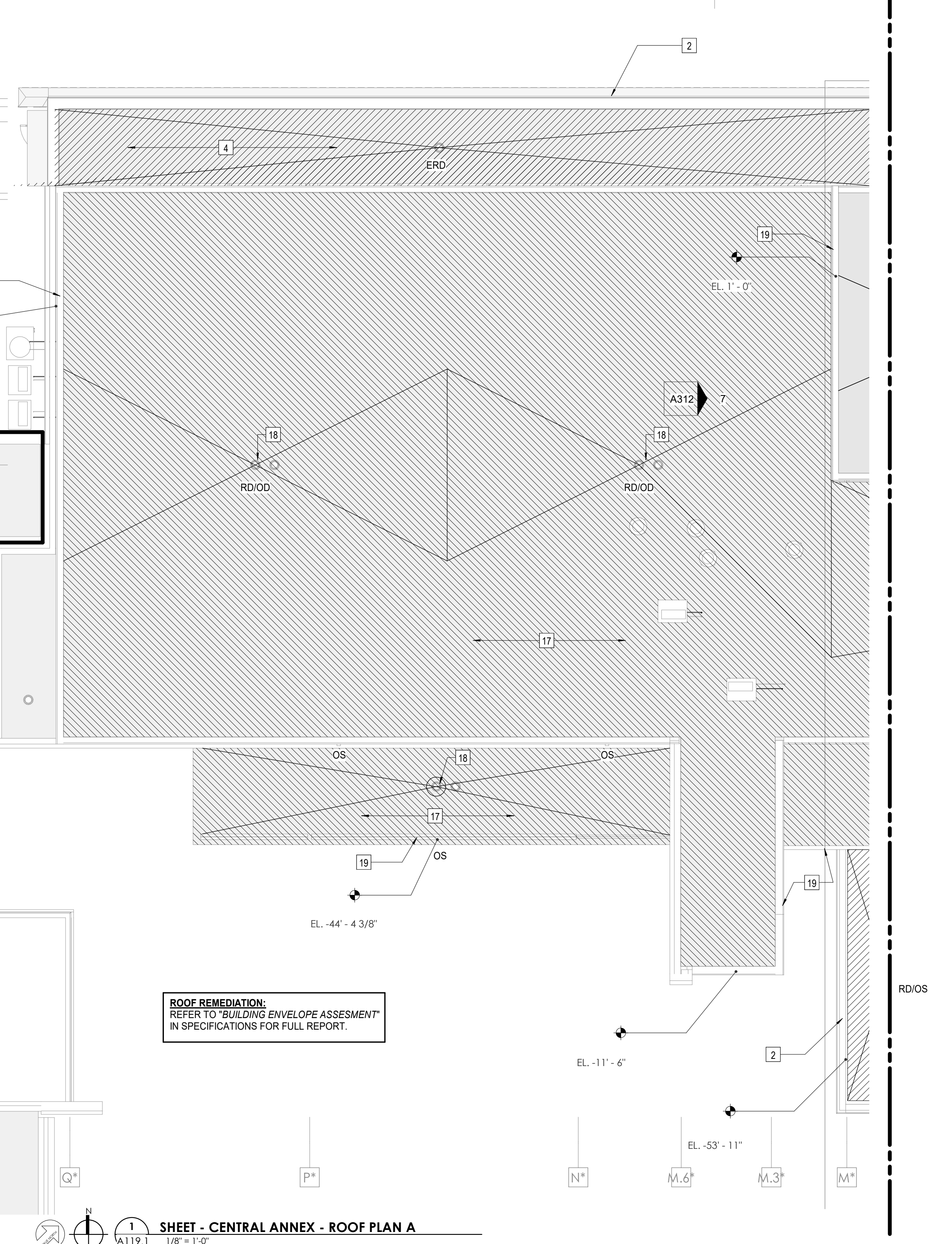
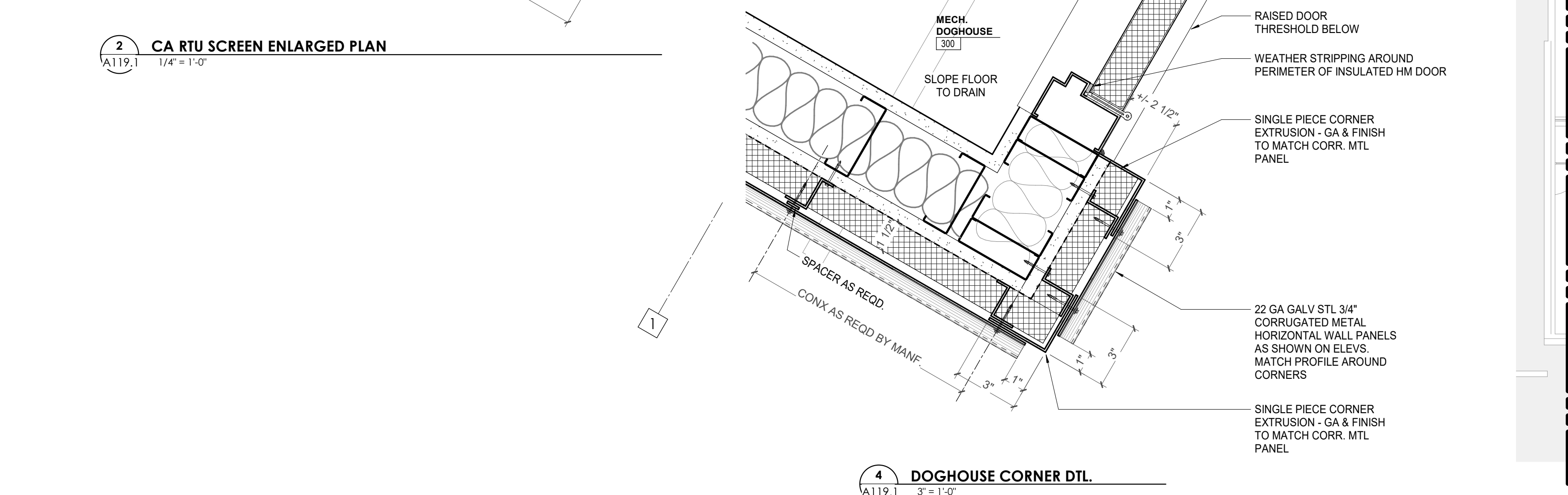
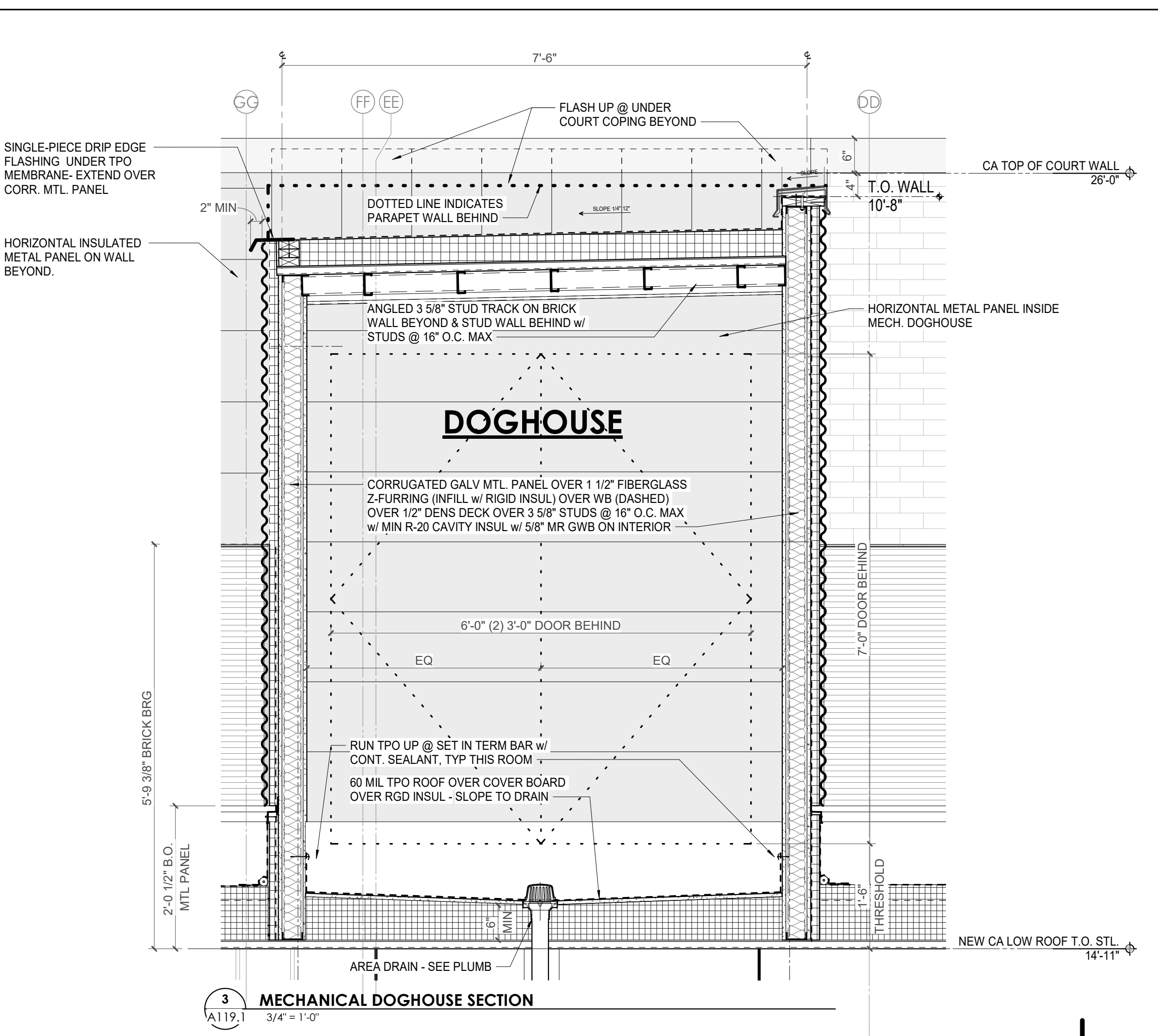
ABBREVIATIONS

'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

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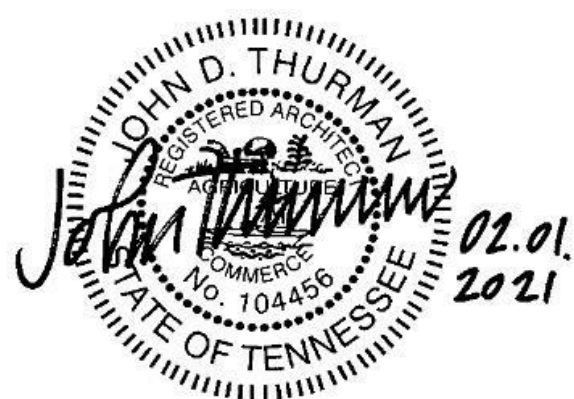
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Drawn By:	CW
Checked By:	BP

Drawing Info:

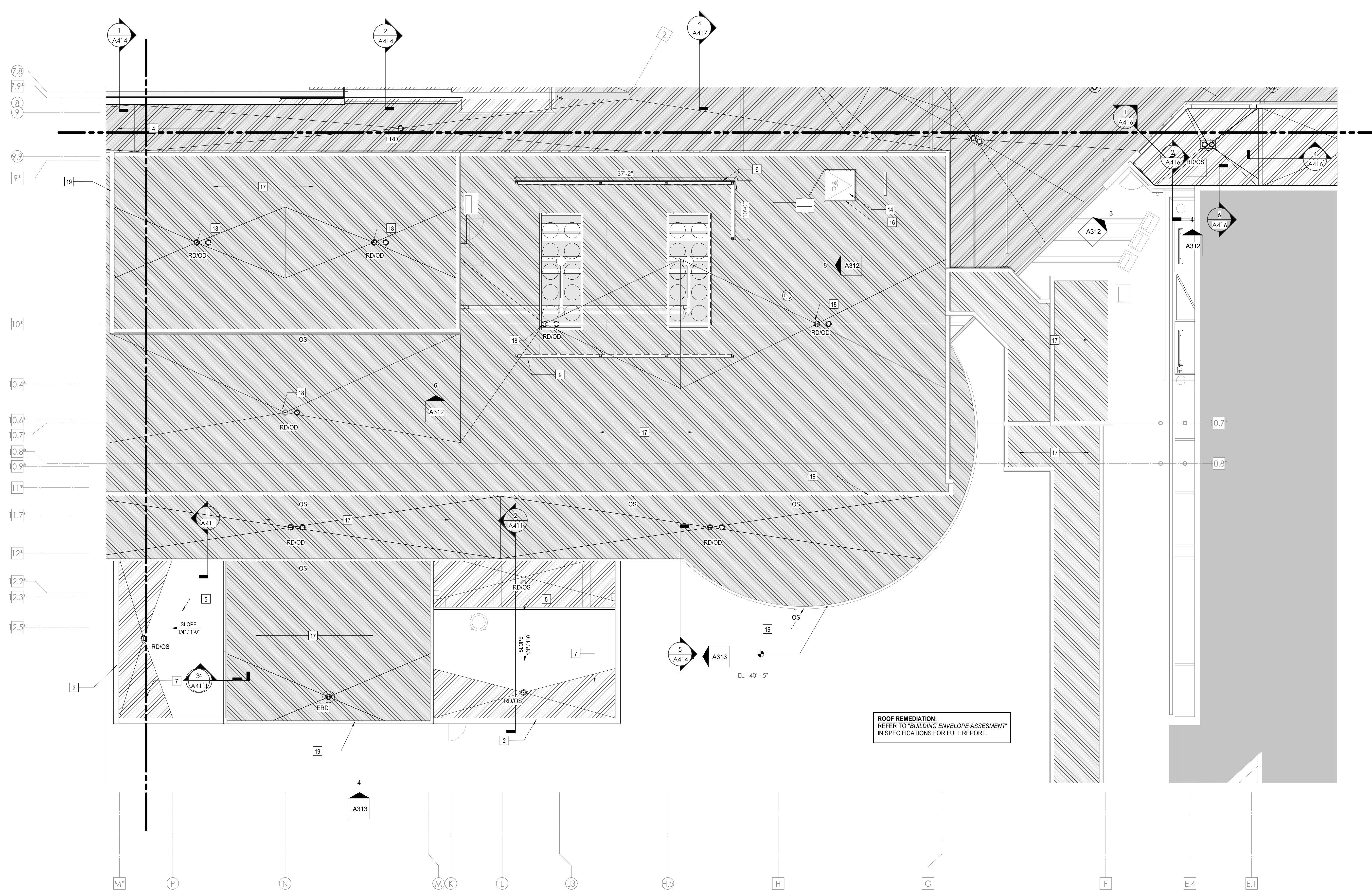
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CA - ROOF PLAN B

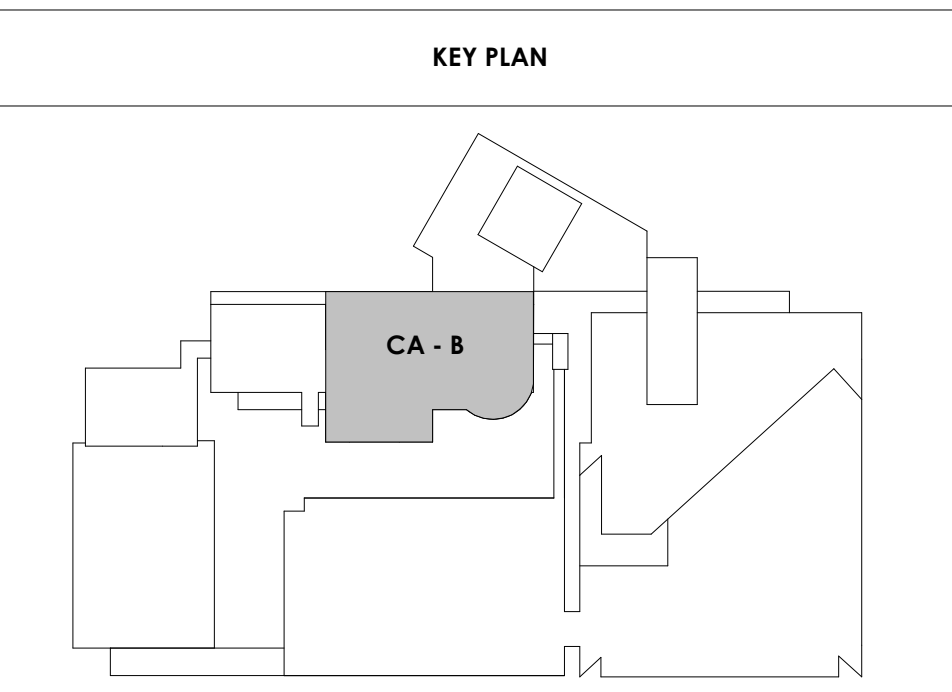
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ROOF PLAN LEGEND	
GRAPHICS	
R1	EXISTING ROOF ASSEMBLY TO REMAIN
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'OD'	OVERFLOW DRAIN
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ROOF DRAIN SET @ +6" ABOVE ROOF DECK (ASSUMES R-5/IN (R-30 MIN))	

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ROOF REMEDIATION:
REFER TO "BUILDING ENVELOPE ASSESSMENT" IN SPECIFICATIONS FOR FULL REPORT.





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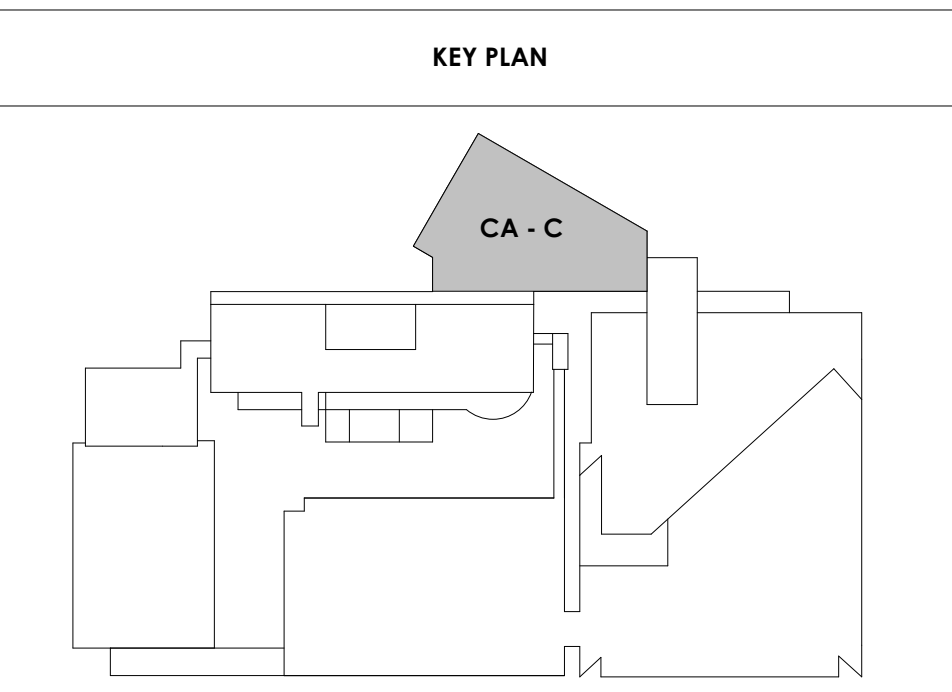
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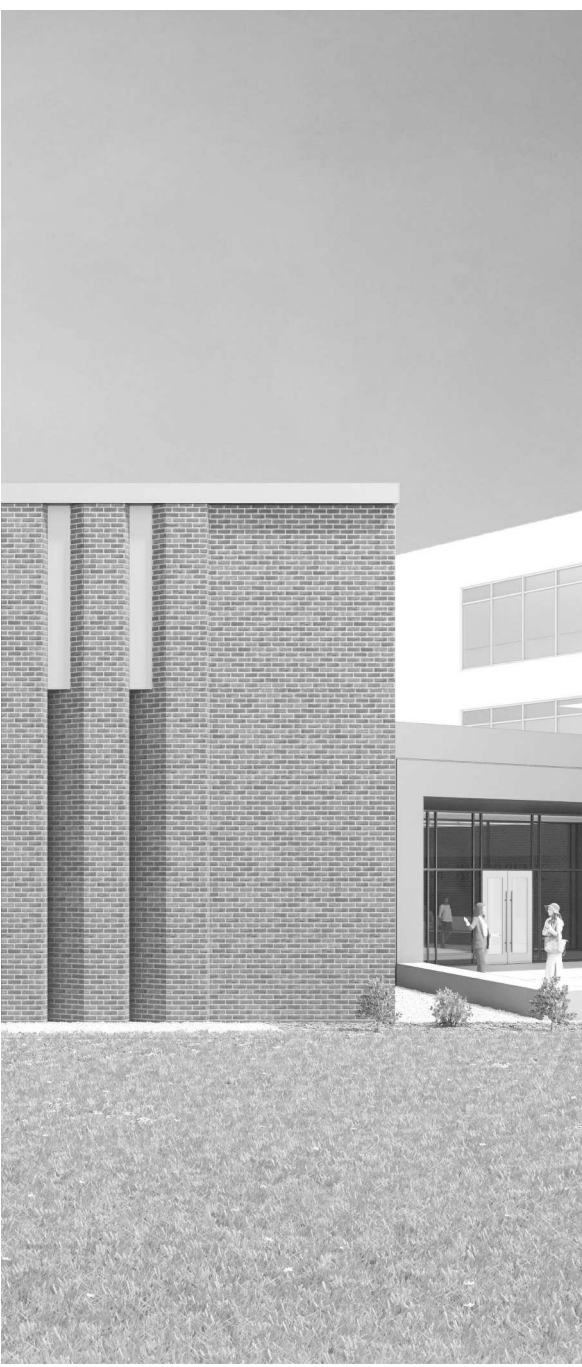
CA - ROOF PLAN C

ROOF PLAN LEGEND	
GRAPHICS	
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2/17/2021 5:07:39 PM
1 SHEET - CENTRAL ANNEX - ROOF PLAN C
A119.3 1/8" = 1'-0"



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19018

COK SAFETY BUILDING

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Architects Design Group

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PIC:	DAVID COLLINS
PM:	JOHN THURMAN
PA:	LAUREN BUSH /
Drawn By:	TONY M
Checked By:	BP

Drawing Info:

A120.1

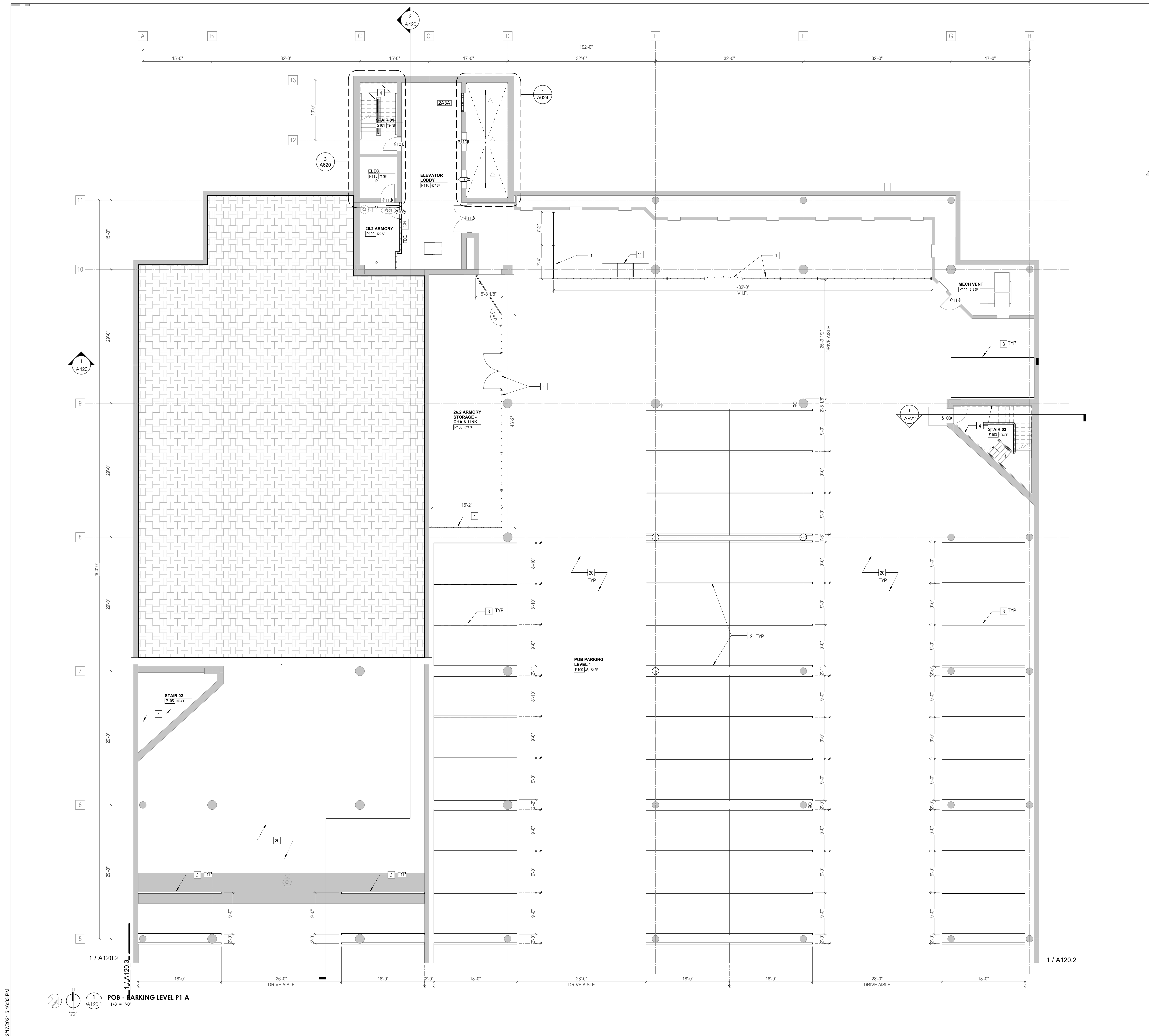
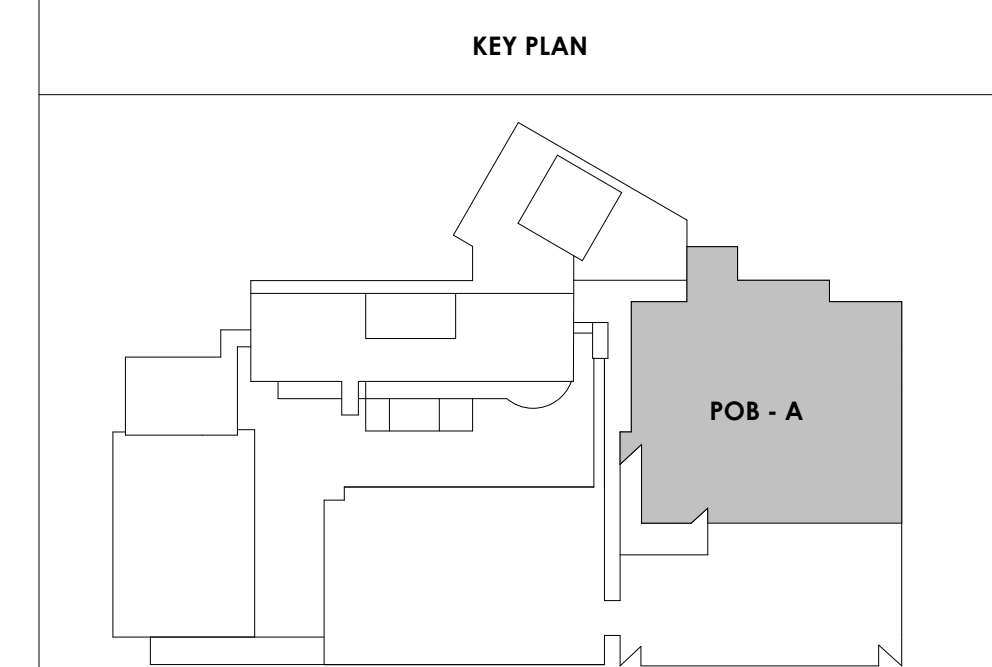
POB - PARKING LEVEL
P1 A FLOOR PLAN

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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

Keynotes - Parking Garage	
TAG	TEXT
1	FULL HEIGHT SECURITY FENCING AND GATE. SEE SHEET AS420 AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
2	PROVIDE 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 GATE IN ACCESS READER. SEE SHEET AS420 AND ELECTRICAL FOR ADDITIONAL INFO.
7	EXISTING ELEVATOR TO BE REFURBISHED AS REQUIRED-SEE ELEVATOR PLANS & DETAILS SHEET A625 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	INFILL OPEN WINDOWS LOCATIONS ON LOWER LEVEL ONLY, WITH WIRE MESH FENCINGS.
19	NEW 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.
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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.
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- PARKING GARAGE GENERAL NOTES**
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 - 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.



2/17/2021 5:46:33 PM



Project Information:

19018

COK SAFETY BUILDING

900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:

Architects Design Group

#	ISSUE	DATE
2	ADD #2.1	02/17/21

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

Drawing Info:

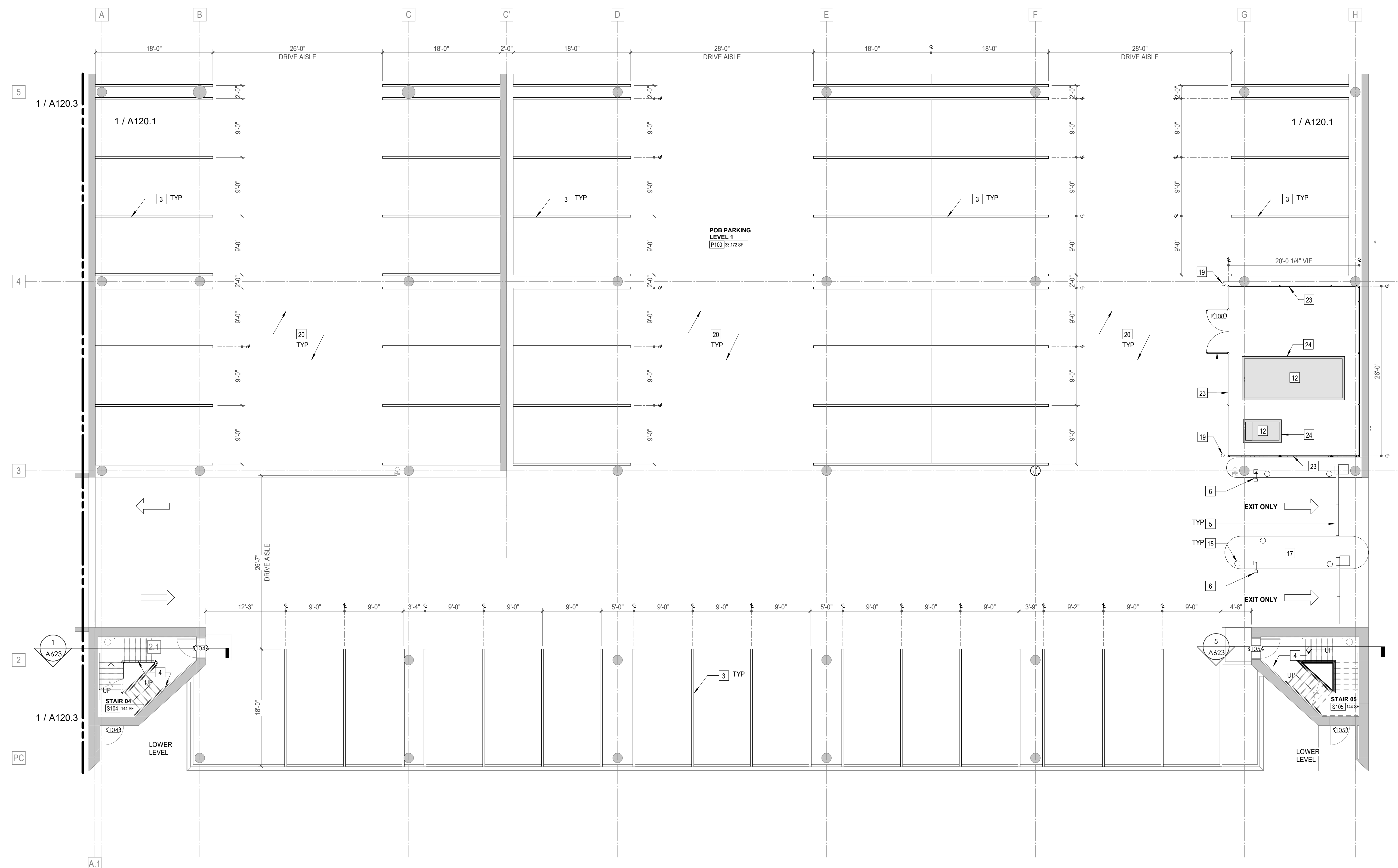
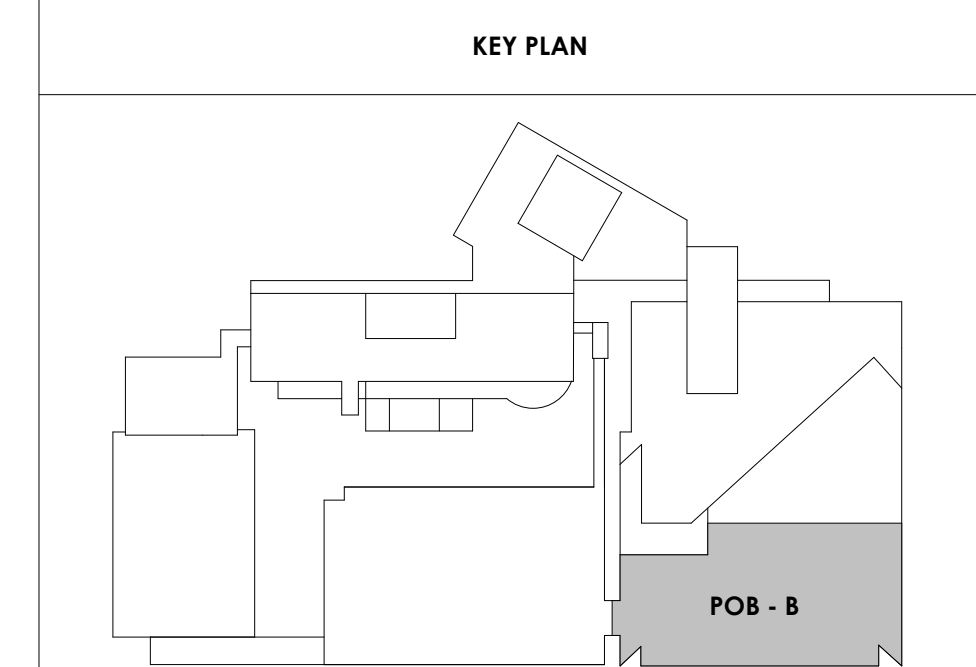
A120.2

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
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2/17/2021 5:16:37 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

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

Drawing Info:

A120.3

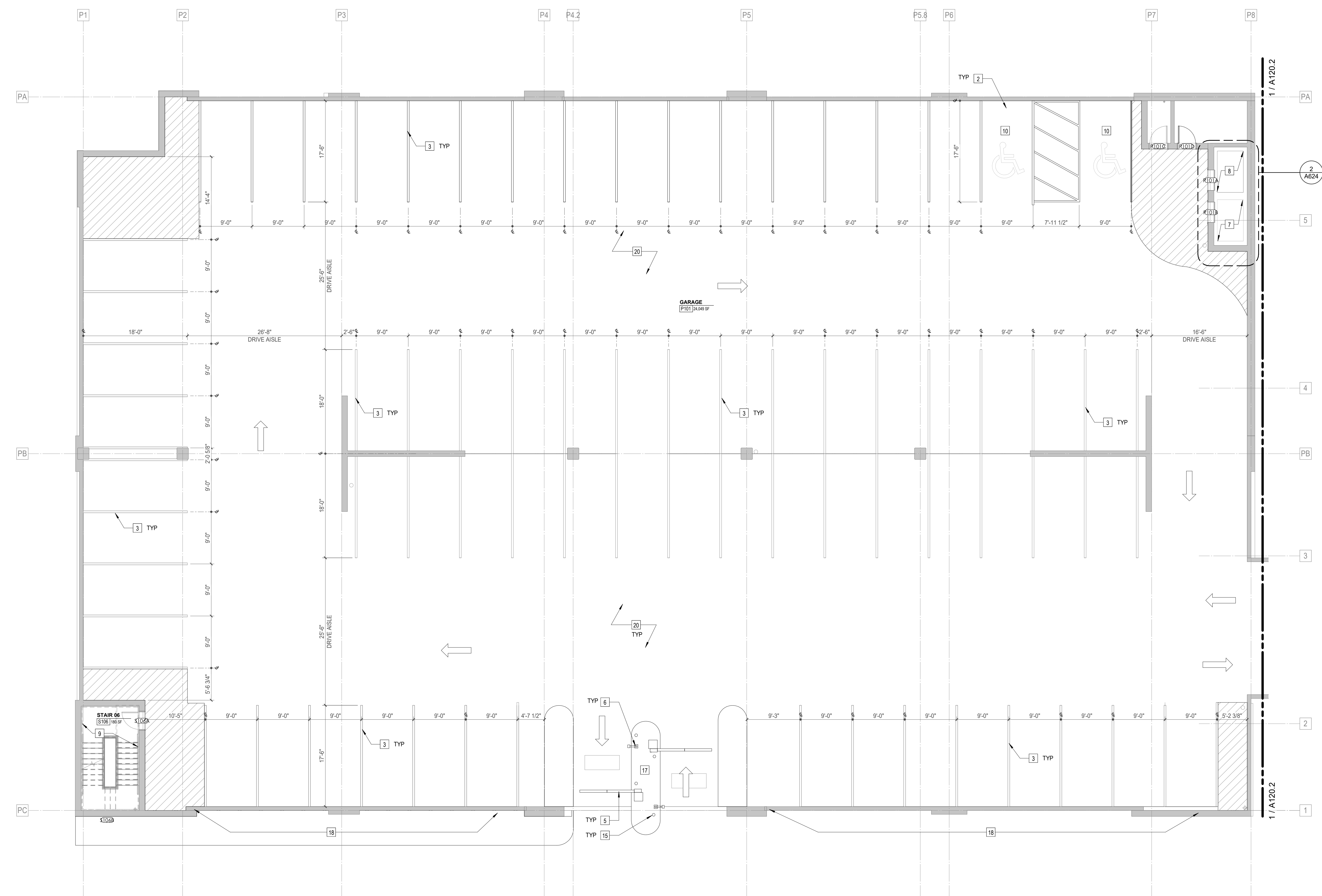
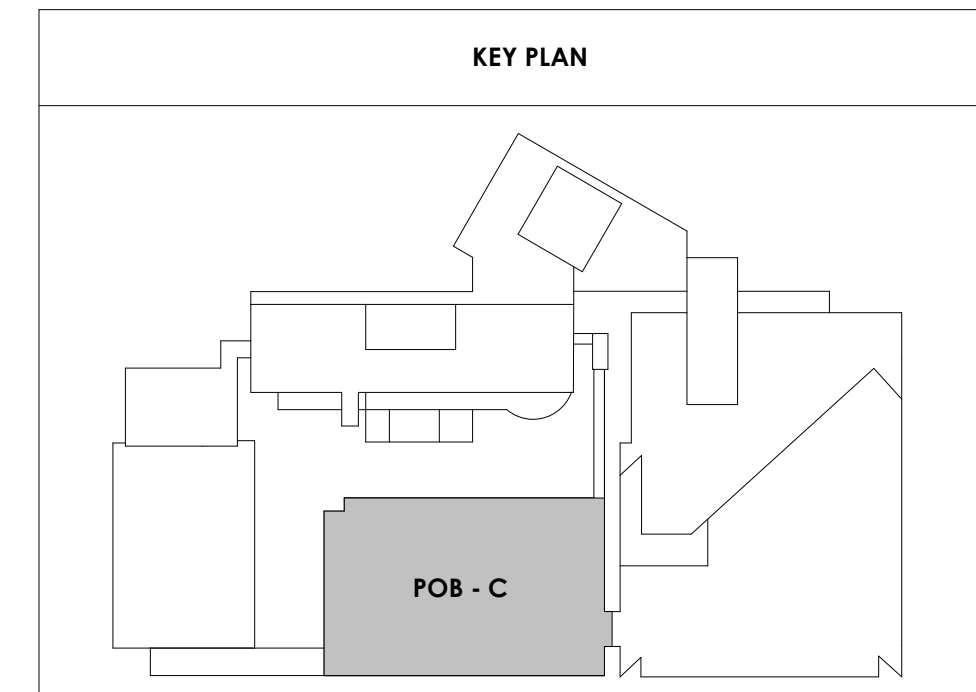
POB - PARKING LEVEL
P1 C FLOOR PLAN

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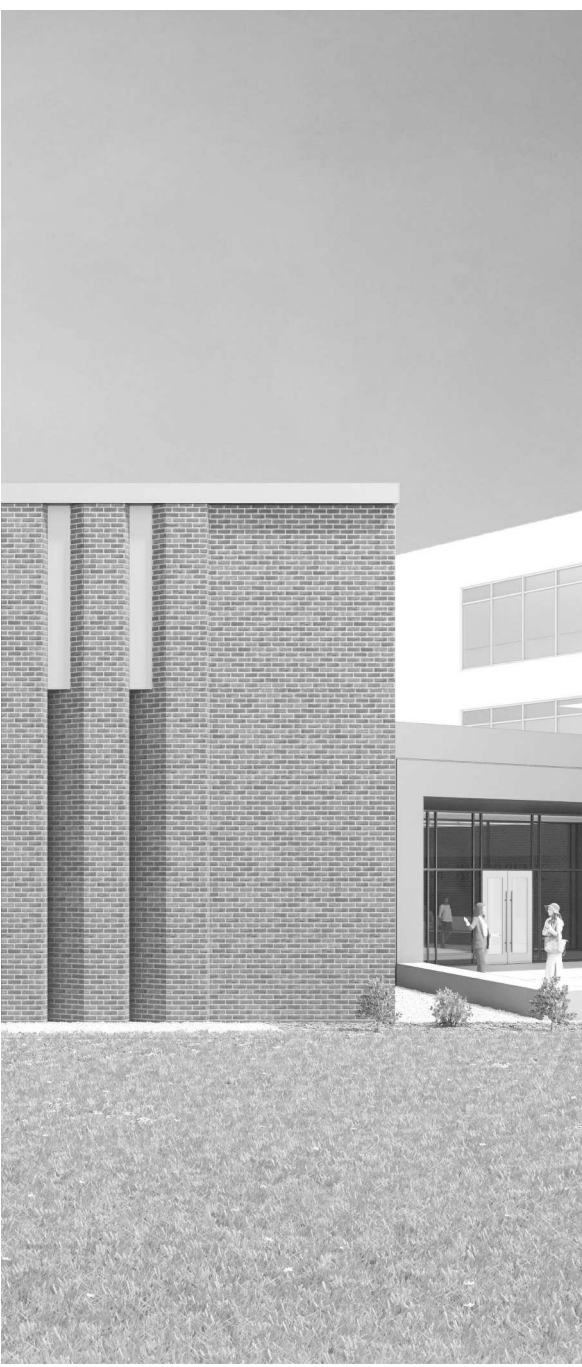
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POB - PARKING LEVEL P1 C
1/8" = 1'-0"

2/17/2021 5:16:39 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

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

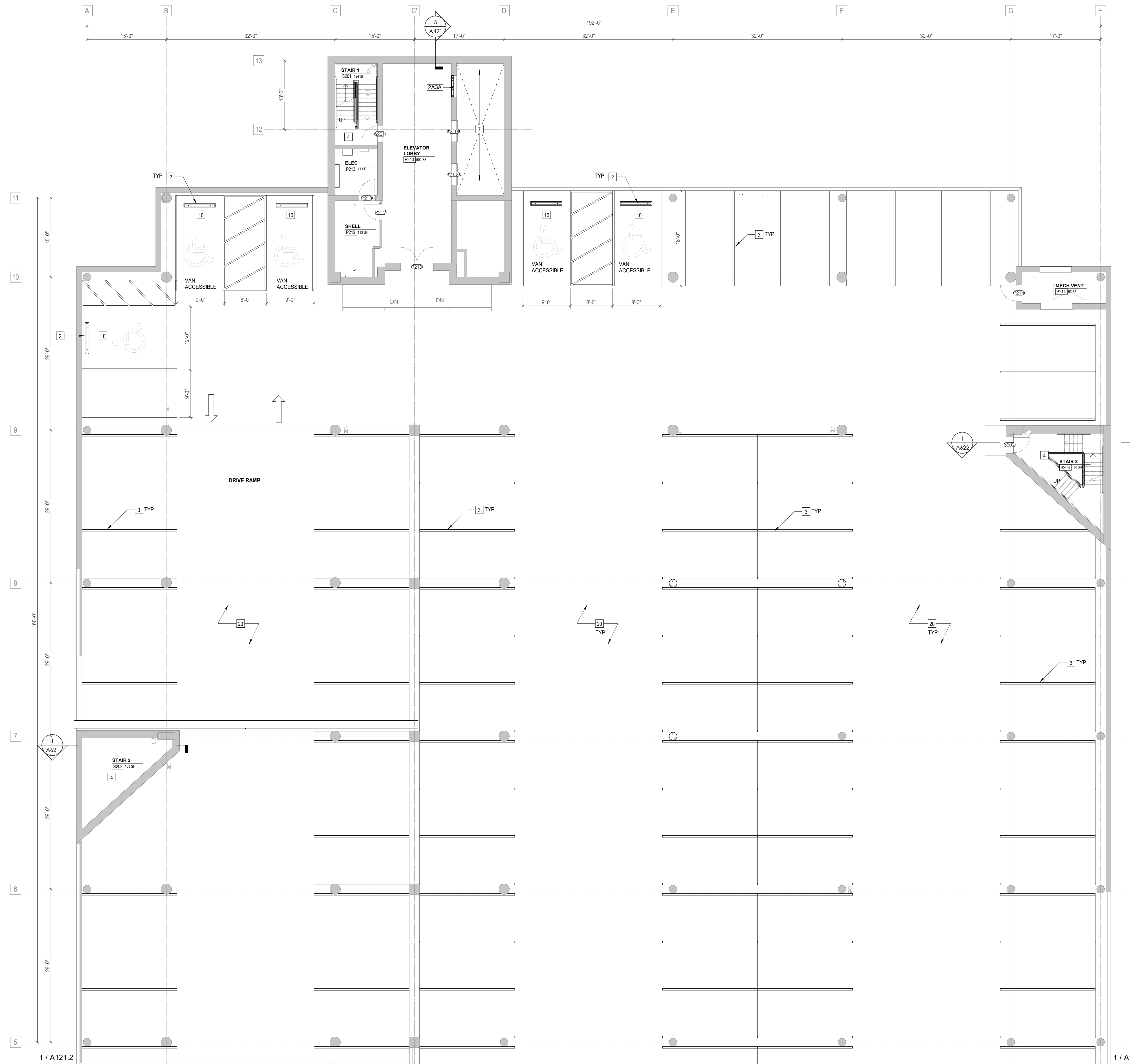
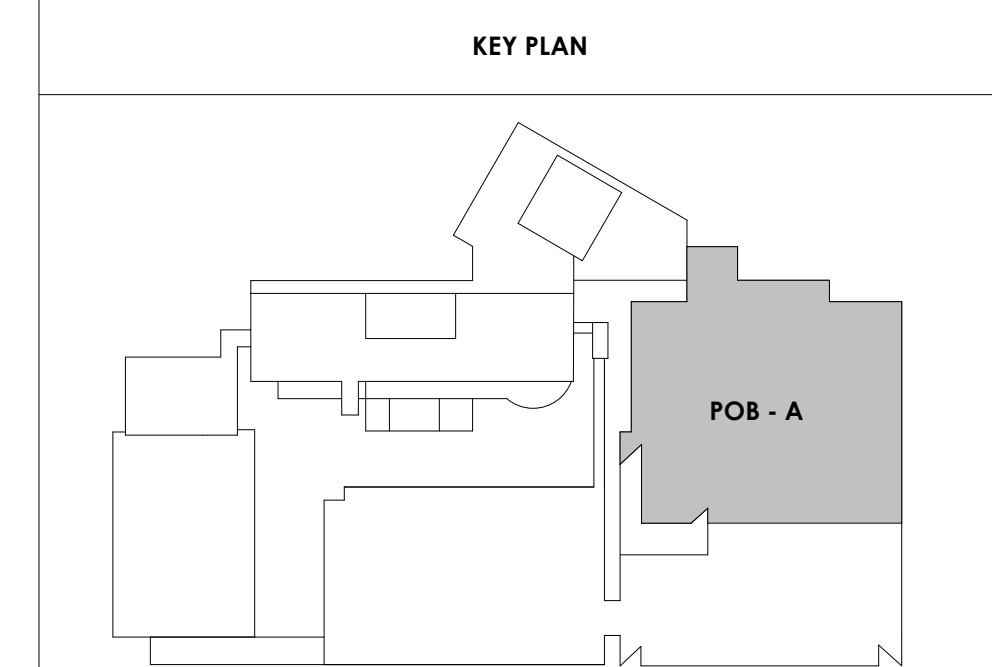
POB - PARKING LEVEL
P2 A FLOOR PLAN

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WALL LEGEND	
	2 HR PARTITION (ASSEMBLY VARIES)
	1 HR PARTITION (ASSEMBLY VARIES)
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2/17/2021 5:16:42 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

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

Drawing Info:

A121.2

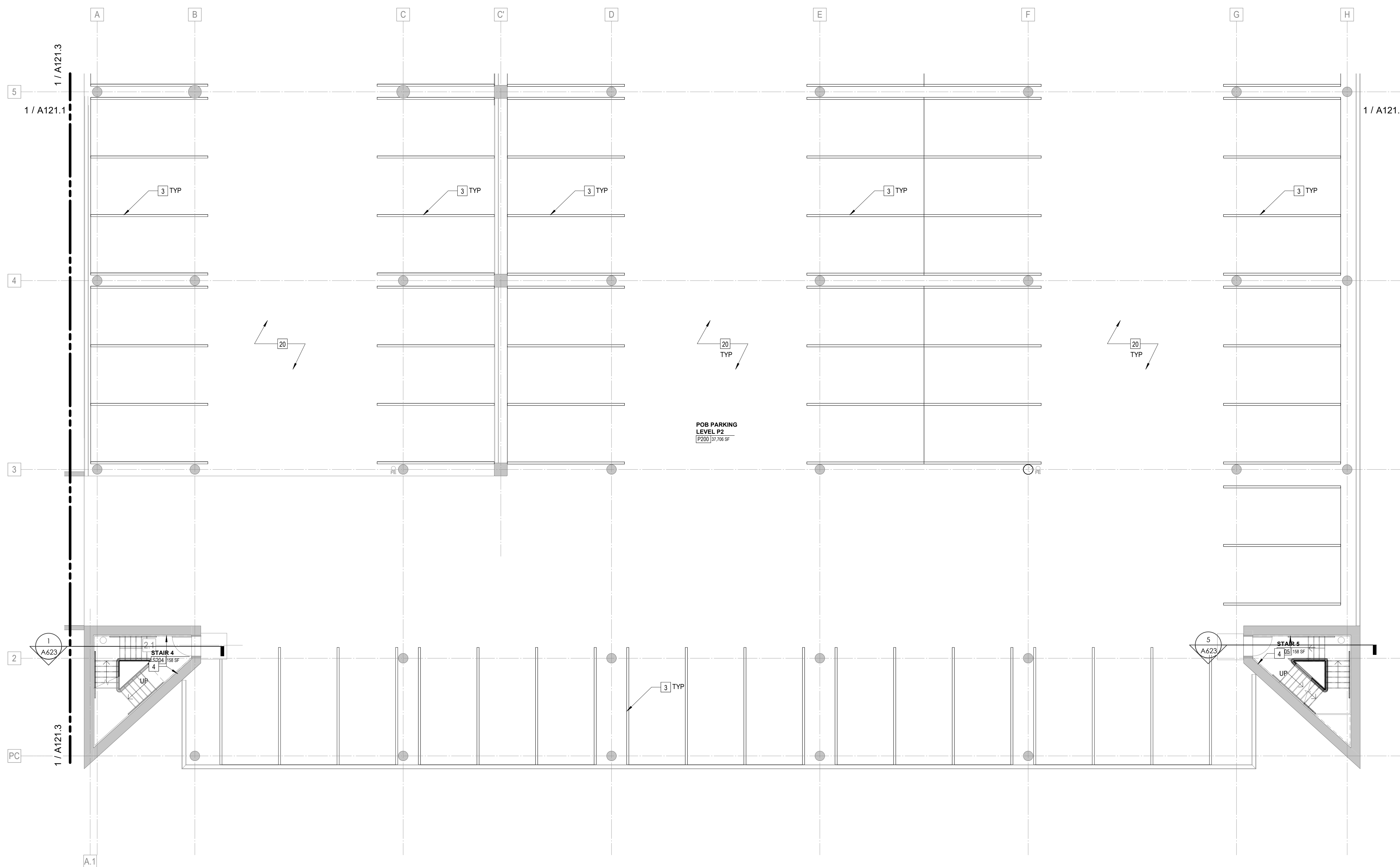
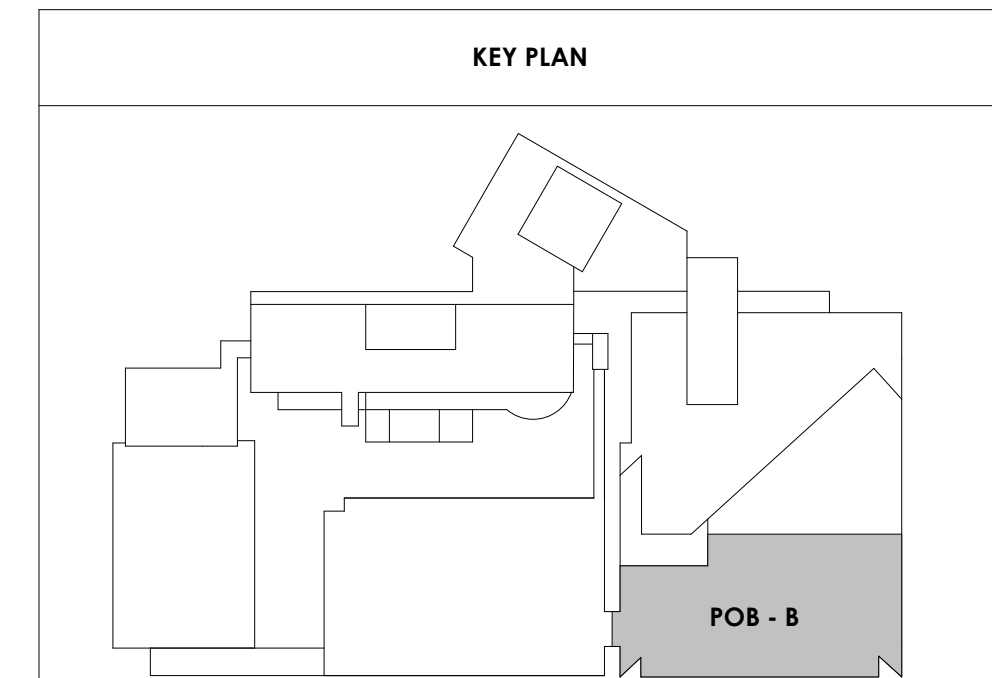
POB - PARKING LEVEL P2 B FLOOR PLAN

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 POB - PARKING LEVEL P2 B



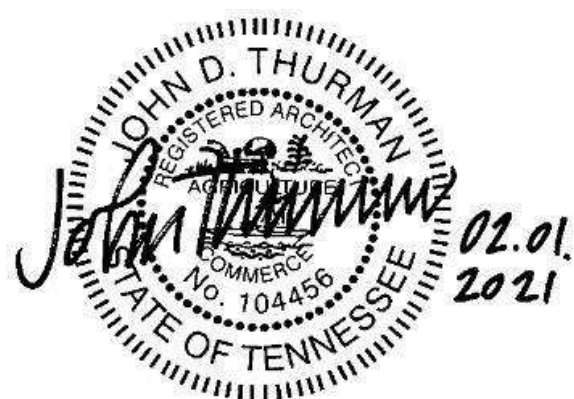
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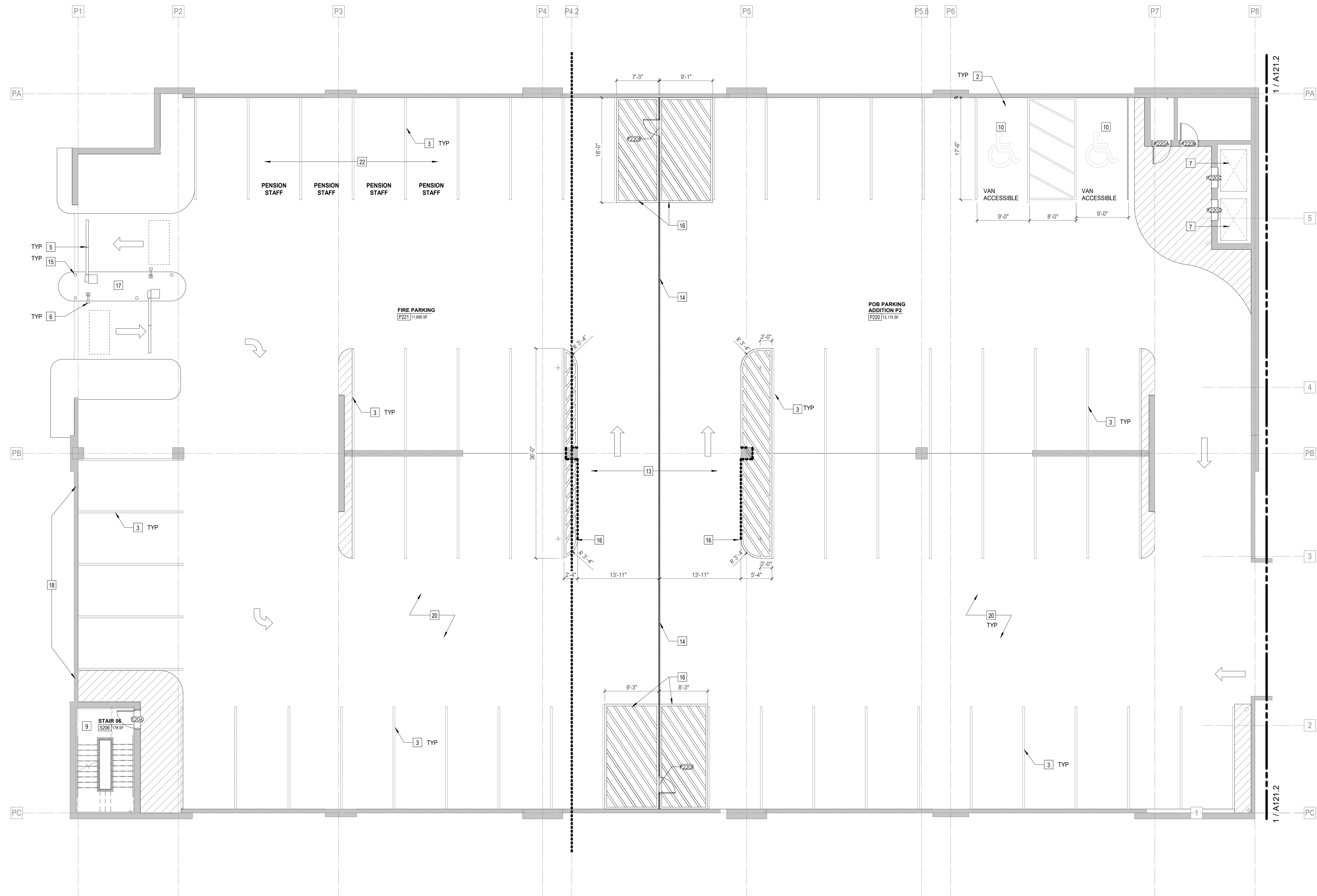
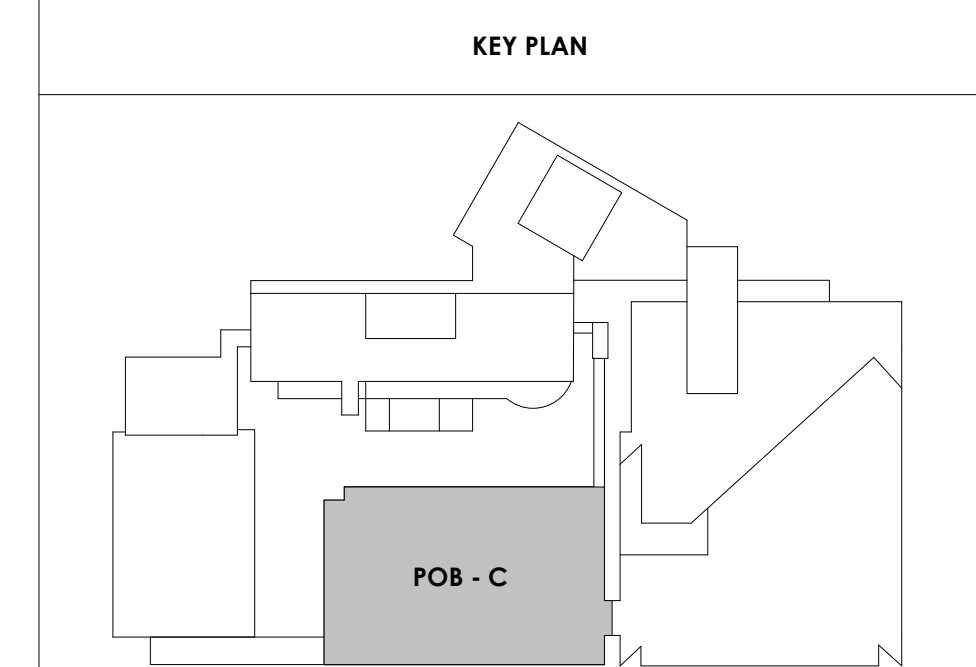
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POB - PARKING LEVEL
P2 C FLOOR PLAN

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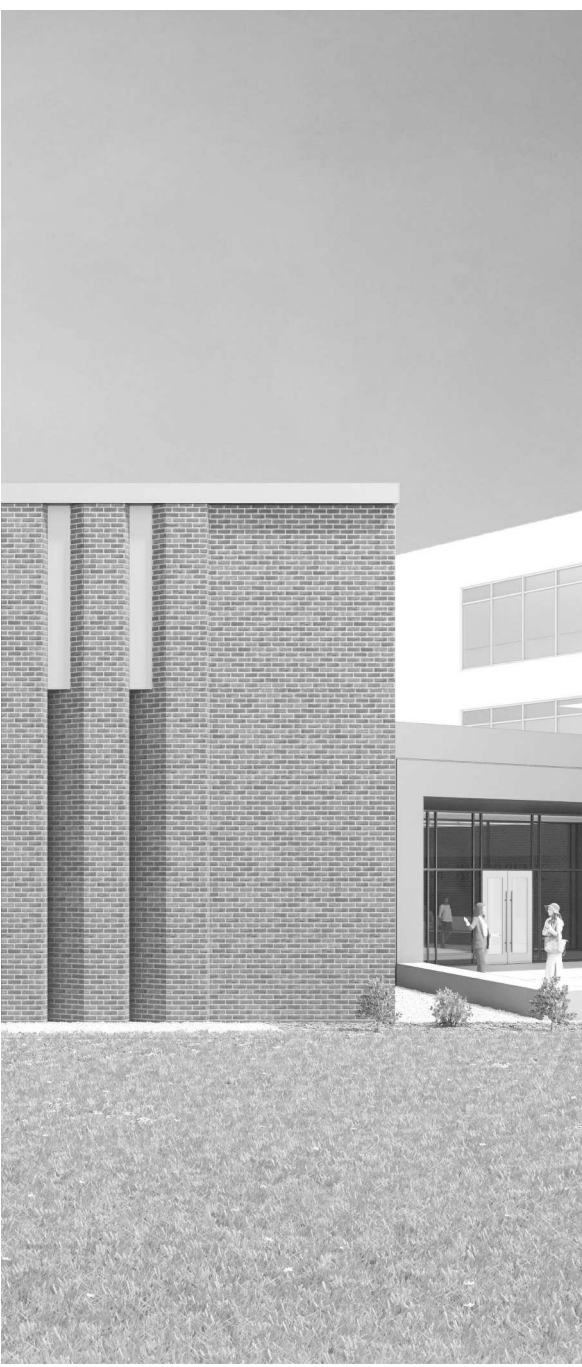
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21	RESERVED COURT STAFF PARKING.
22	RESERVED PENSION STAFF PARKING.
23	CHAIN LINK FENCE TO ENCLOSE TOP AND ALL SIDES OF GENERATOR. SIZE OF FENCING TO BE DETERMINED AFTER INSTALLATION OF EQUIPMENT. SEE SHEET AS420 FOR ELEVATION.
24	HOUSE KEEPING PAD.

- 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 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.



2/17/2021 5:16:46 PM

POB - PARKING LEVEL P2 C
 1/A121.3
 1/8" = 1'-0"



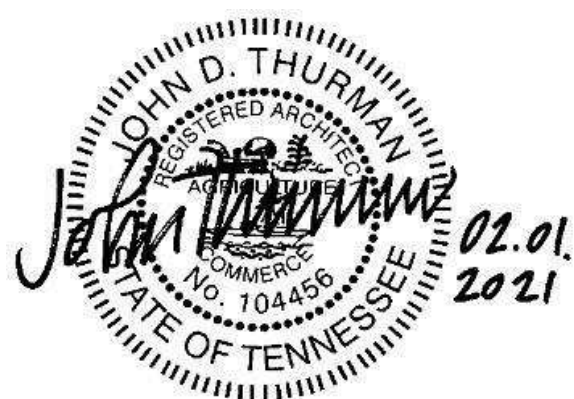
Project Information:

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

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

Drawing Info:

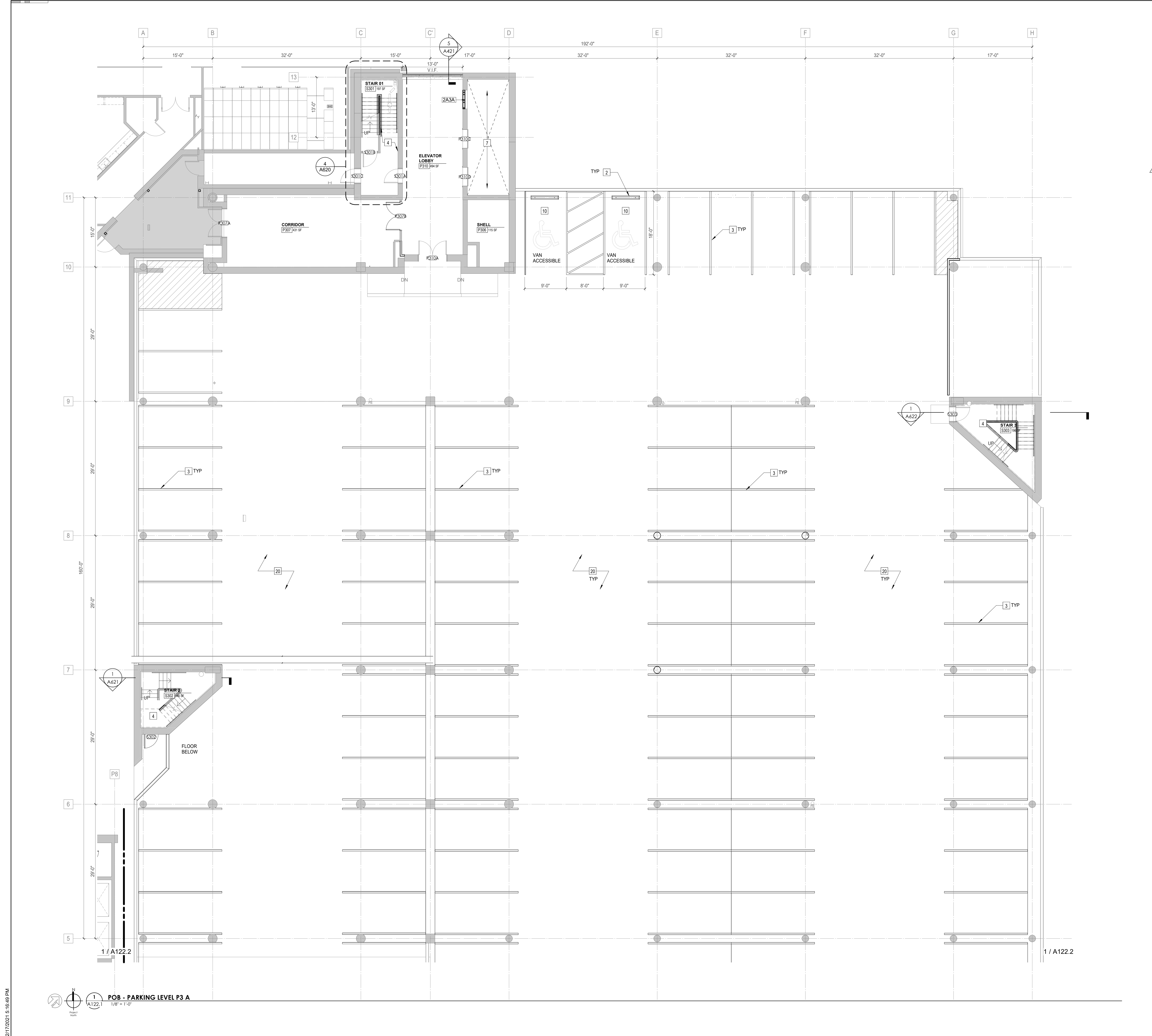
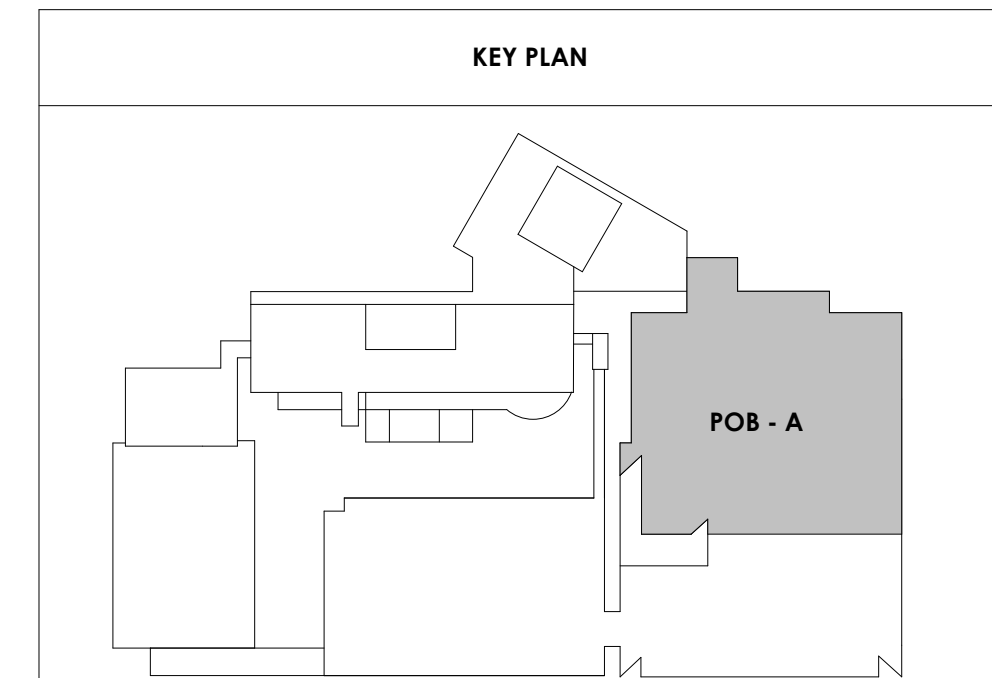
A122.1

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	PROVIDE 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. NEW OWNER PROVIDED FOLDING ARM. SEE ELECTRICAL & TELECOMMUNICATIONS PLANS FOR CONDUIT/POWER REQUIREMENTS
5	NEW BRIDGE IN ACCESS READER. SEE SHEET AS420 AND ELECTRICAL FOR ADDITIONAL INFO
7	EXISTING ELEVATOR TO BE REFURBISHED AS REQUIRED-SEE ELEVATOR PLANS & DETAILS SHEET A625 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	INFILL OPEN WINDOWS LOCATIONS ON LOWER LEVEL ONLY, WITH WIRE MESH FENCINGS
19	NEW 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.
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22	RESERVED PENSION STAFF PARKING
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 - REPAINT EXISTING PARKING GARAGE COLUMN LEVEL MARKERS - PAINT COLORS AND FONTS TO BE APPROVED BY ARCHITECT PRIOR TO IMPLEMENTATION





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Drawn By:	TONY M
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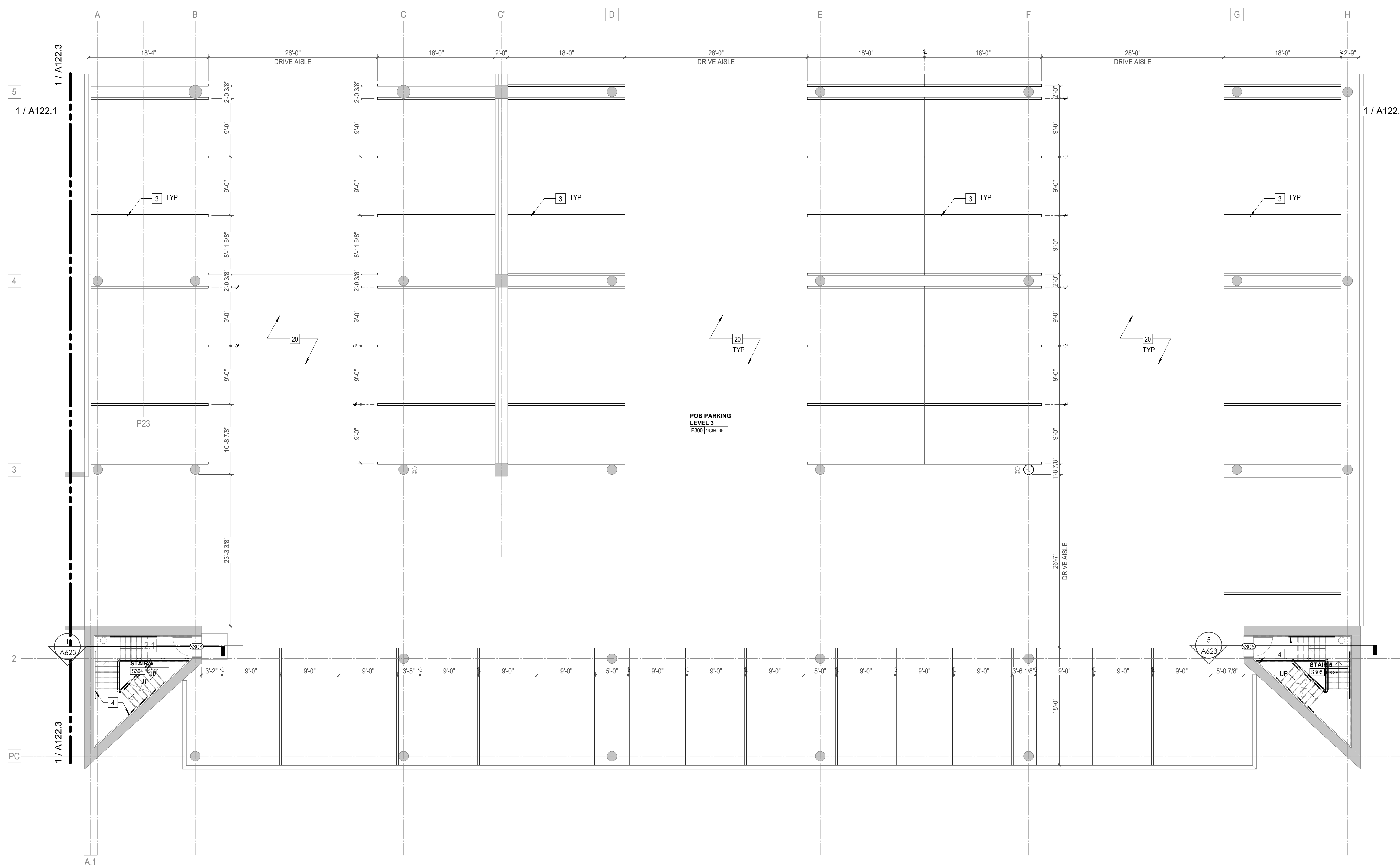
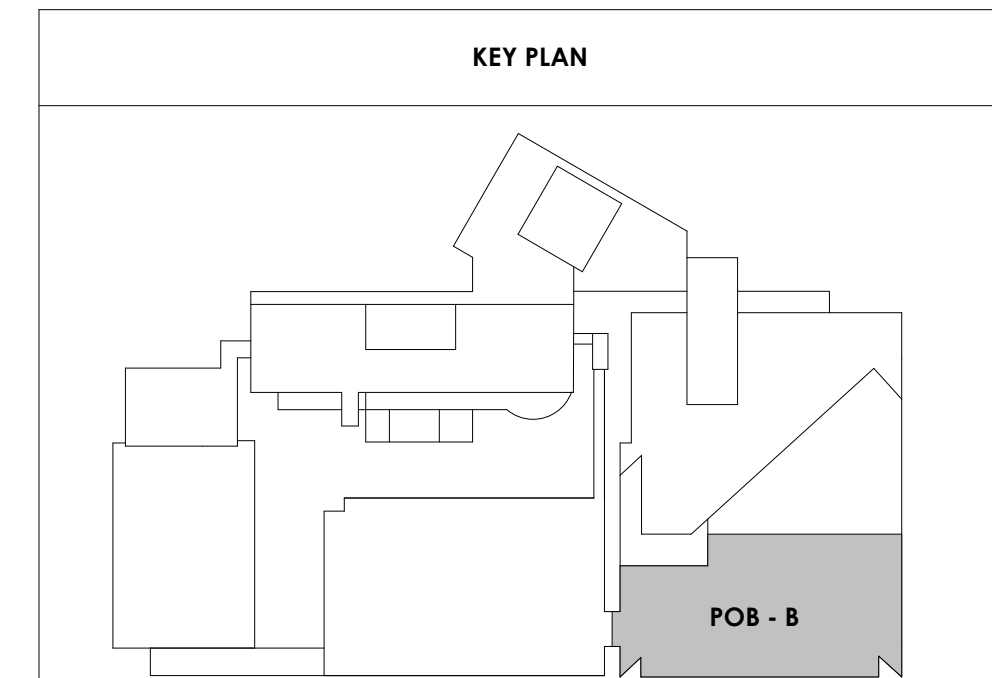
A122.2

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
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3	NEW PARKING LOT STRIPING
4	PROVIDE NEW HANDRAILS, GUARDRAILS AND EGRESS STAIR ILLUMINATION. PREP AND PAINT EXISTING STAIR & WALLS TO REMAIN.
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2/17/2021 5:16:52 PM
POB - PARKING LEVEL P3 B
A122.2
1/8" = 1'-0"



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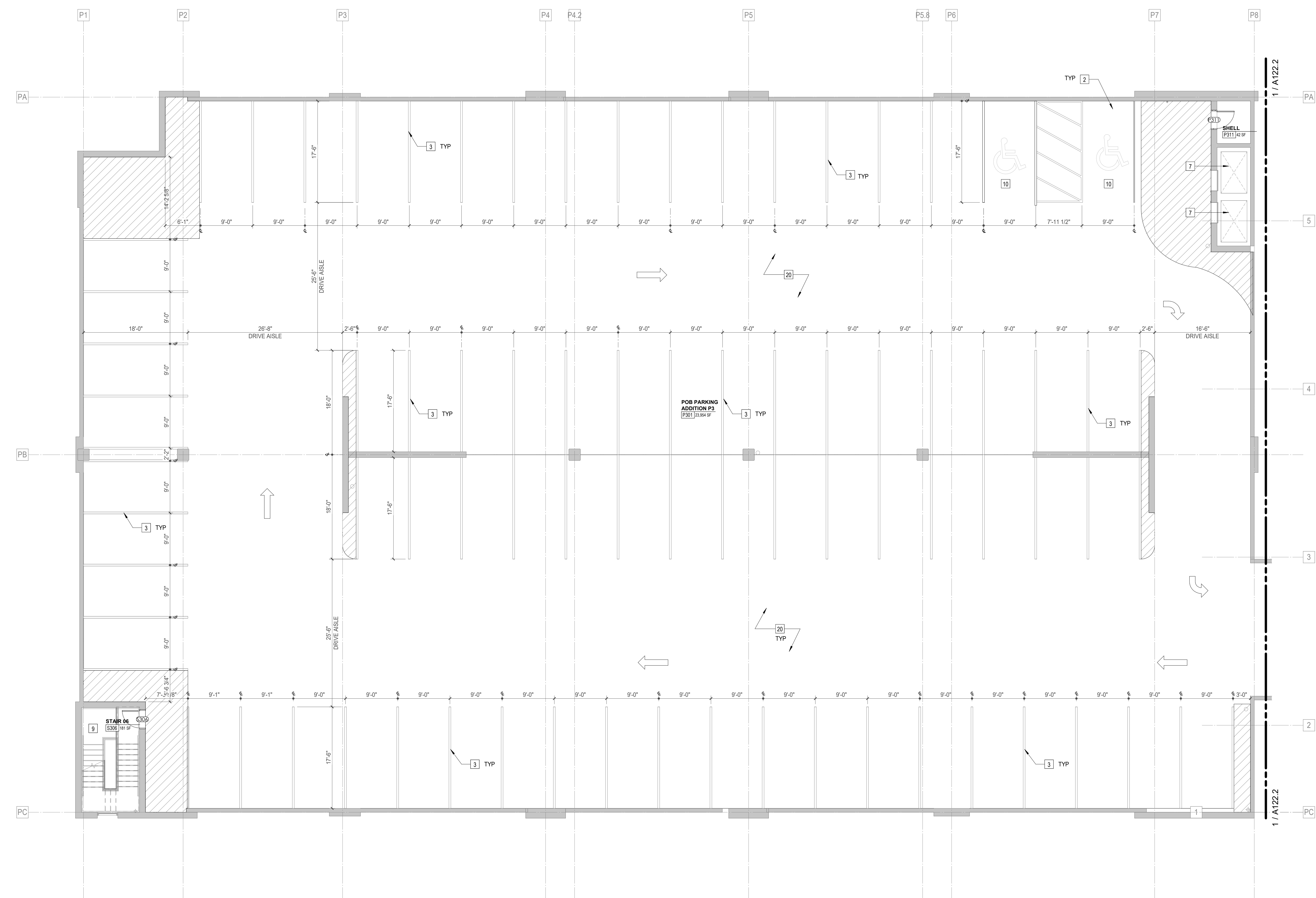
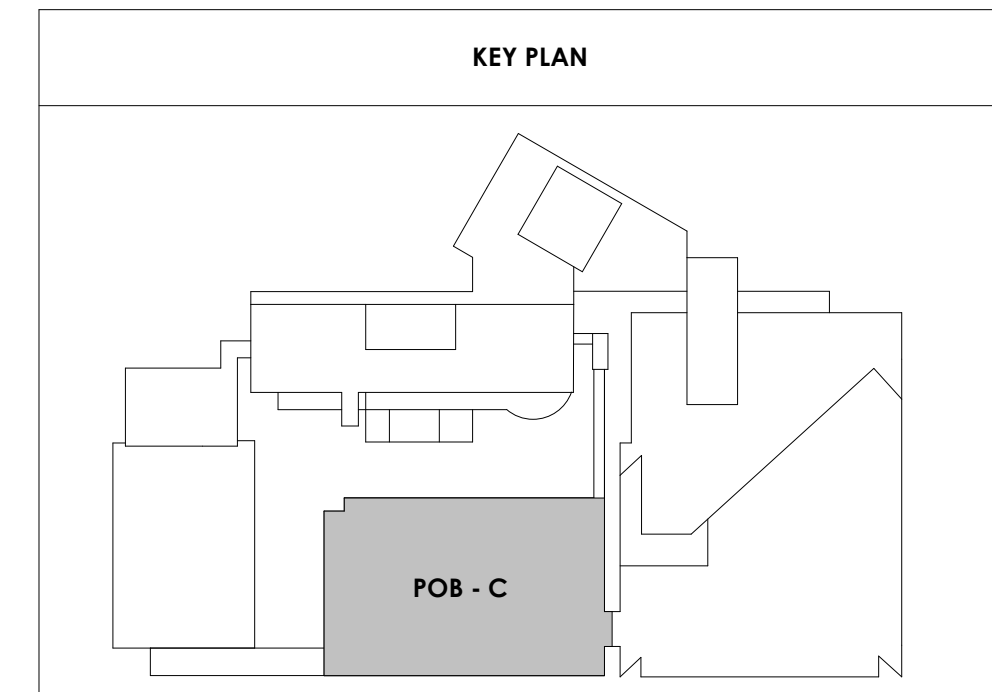
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POB - PARKING LEVEL
P3 C FLOOR PLAN

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

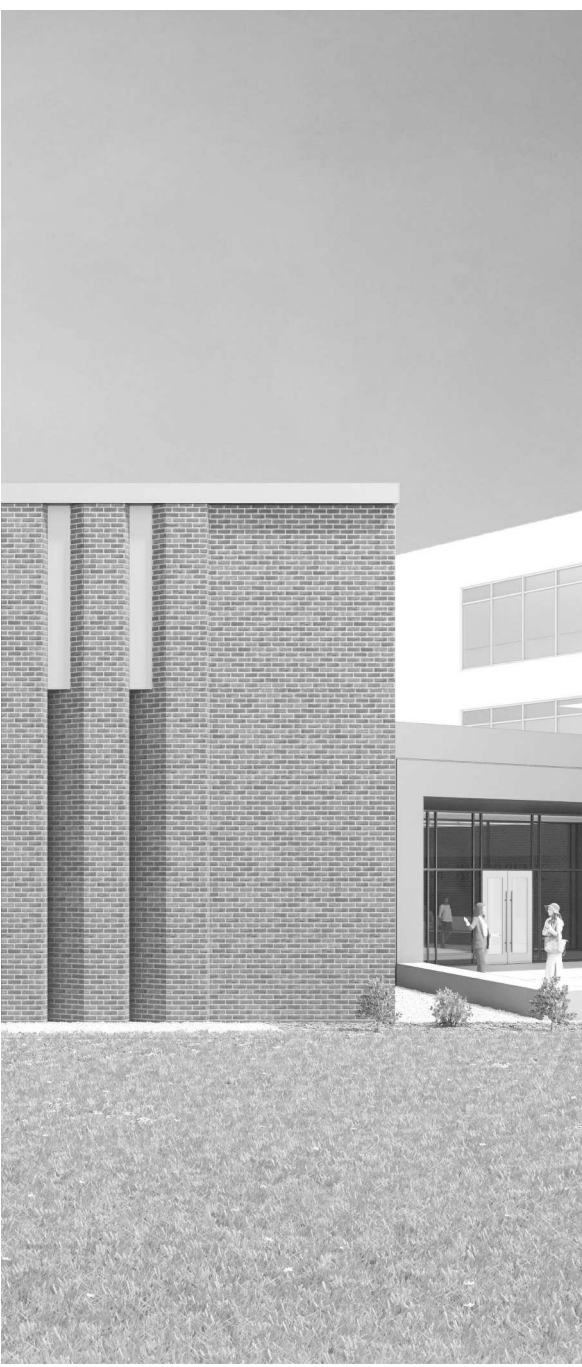
Keynotes - Parking Garage	
TAG	TEXT
1	FULL HEIGHT SECURITY FENCING AND GATE. SEE SHEET AS420 AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
2	PROVIDE WHEEL STOPS AT ACCESSIBLE PARKING LOCATIONS.
3	NEW PARKING LOT STRIPING.
4	PROVIDE NEW HANDRAILS, GUARDRAILS AND EGRESS STAIR ILLUMINATION. PREP AND PAINT EXISTING STAIR & WALLS TO REMAIN.
5	NEW OWNER PROVIDED FOLDING ARM. SEE ELECTRICAL & TELECOMMUNICATIONS PLANS FOR CONDUIT/POWER REQUIREMENTS.
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- PARKING GARAGE GENERAL NOTES**
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2/17/2021 5:16:54 PM

POB - PARKING LEVEL P3 C
 1/A122.3
 1/8" = 1'-0"



Project Information:

19018

COK SAFETY BUILDING

900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:

Architects Design Group

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Issue Date:	FEBRUARY 1, 2021
PI:	DAVID COLLINS
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PA:	LAUREN BUSH /
Drawn By:	TONY M
Checked By:	BP

Drawing Info:

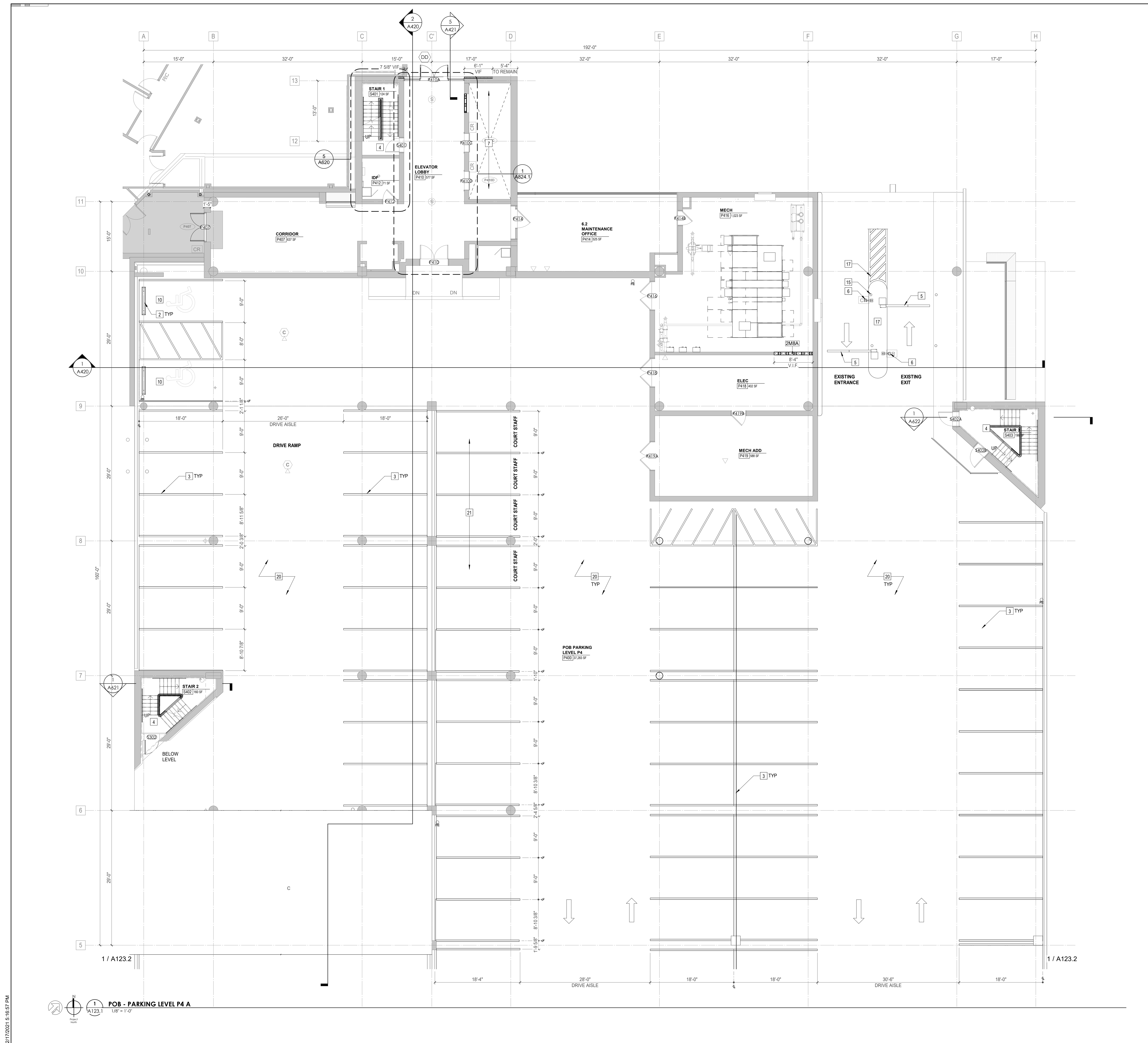
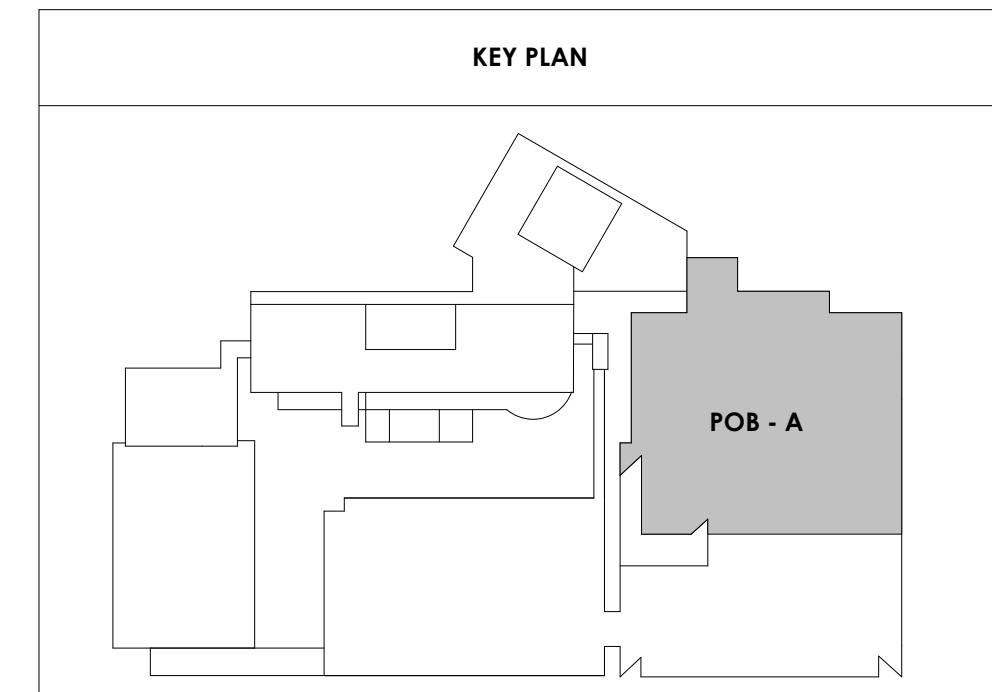
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POB - PARKING LEVEL P4 FLOOR PLAN

WALL LEGEND	
	2 HR PARTITION (ASSEMBLY VARIES)
	1 HR PARTITION (ASSEMBLY VARIES)
	BALLISTIC LEVEL 3 PARTITION (ASSEMBLY VARIES)
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Keynotes - Parking Garage	
TAG	TEXT
1	FULL HEIGHT SECURITY FENCING AND GATE. SEE SHEET AS420 AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
2	PROVIDE WHEEL STOPS AT ACCESSIBLE PARKING LOCATIONS
3	NEW PARKING LOT STRIPING
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2/17/2021 5:16:57 PM

POB - PARKING LEVEL P4 A
1/8" = 1'-0"



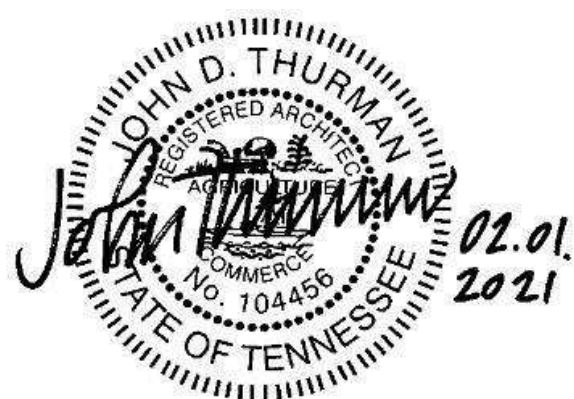
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Drawing Info:

A123.2

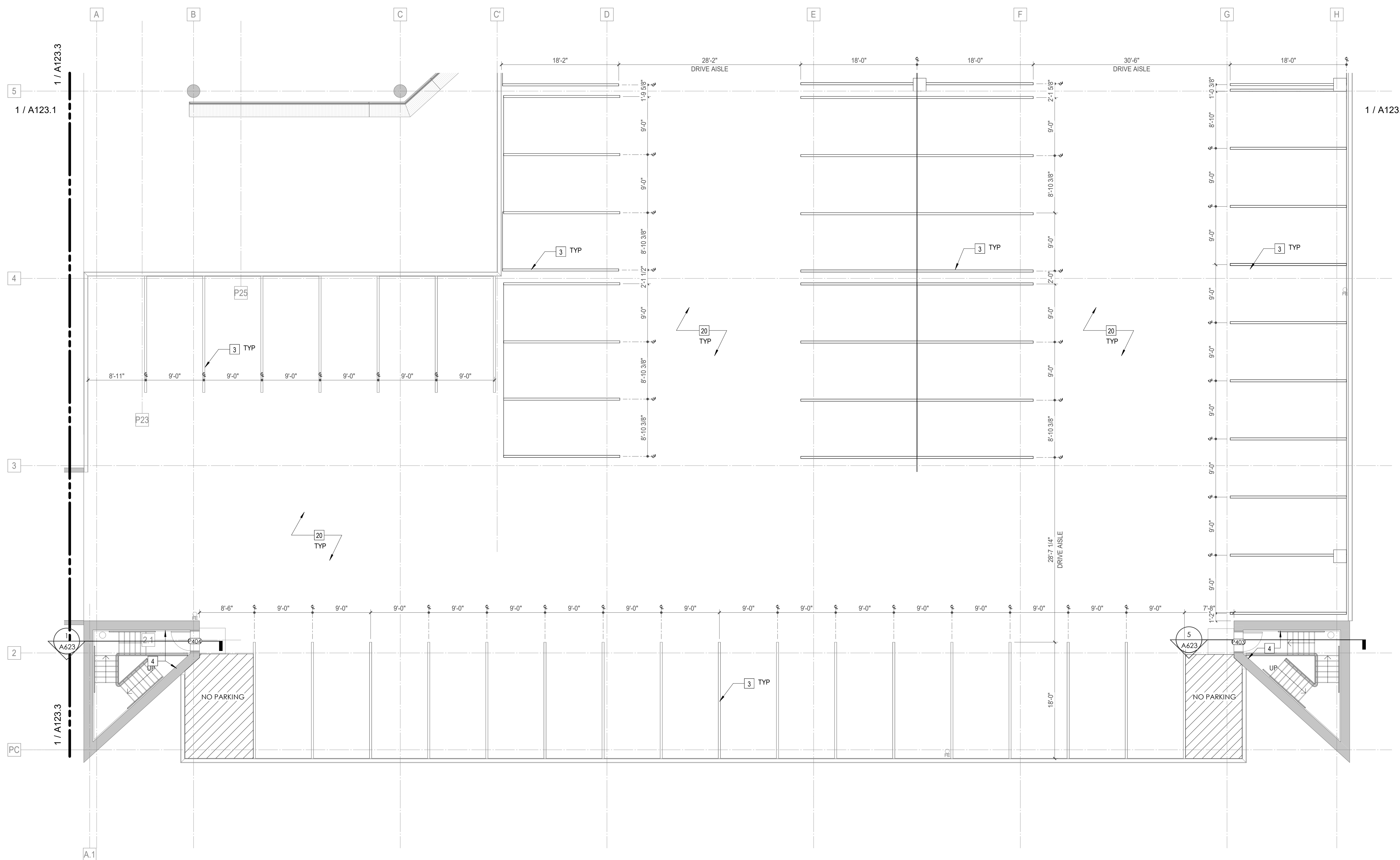
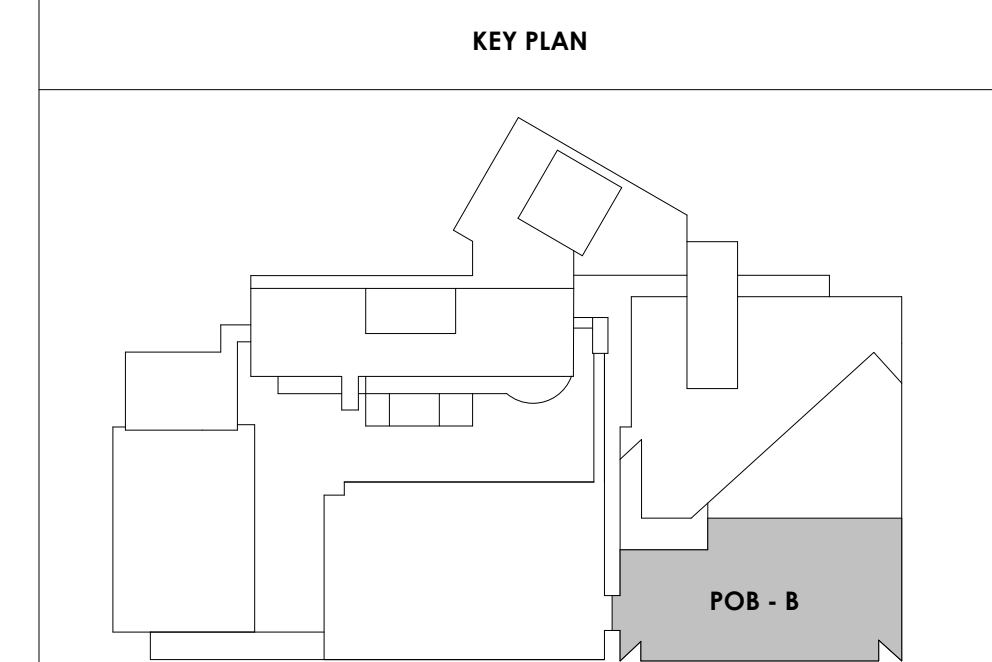
POB - PARKING LEVEL
P4 B FLOOR PLAN

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WALL LEGEND	
	2 HR PARTITION (ASSEMBLY VARIES)
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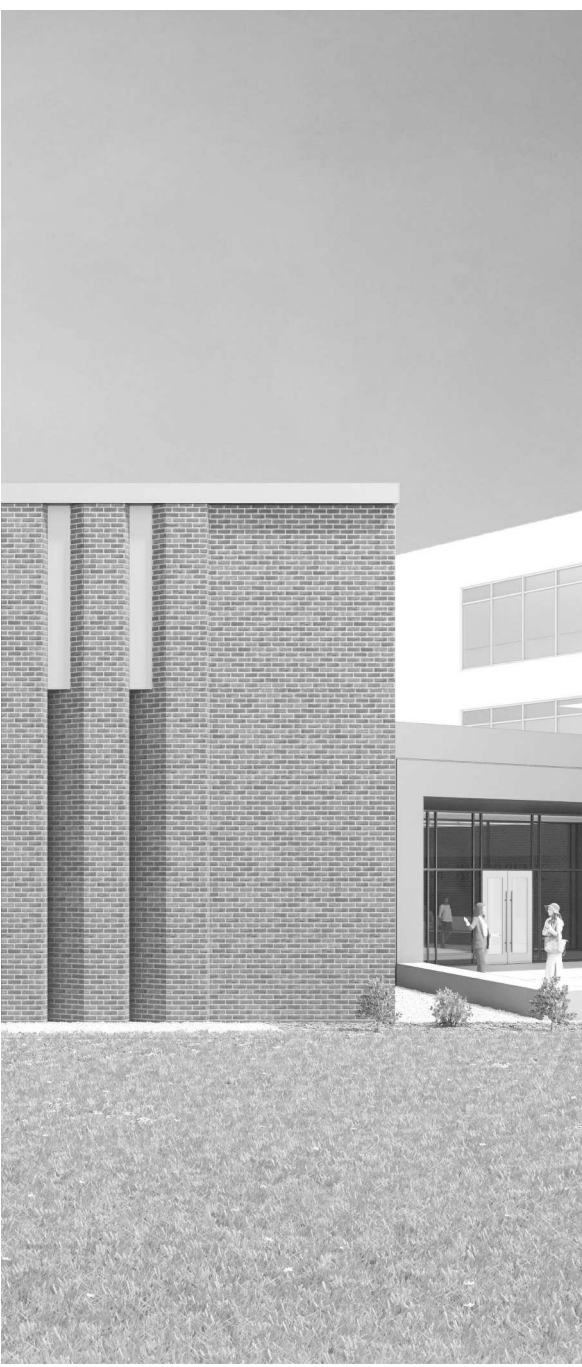
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2/17/2021 5:16:59 PM

POB - PARKING LEVEL P4 B
A123.2
 1/8" = 1'-0"



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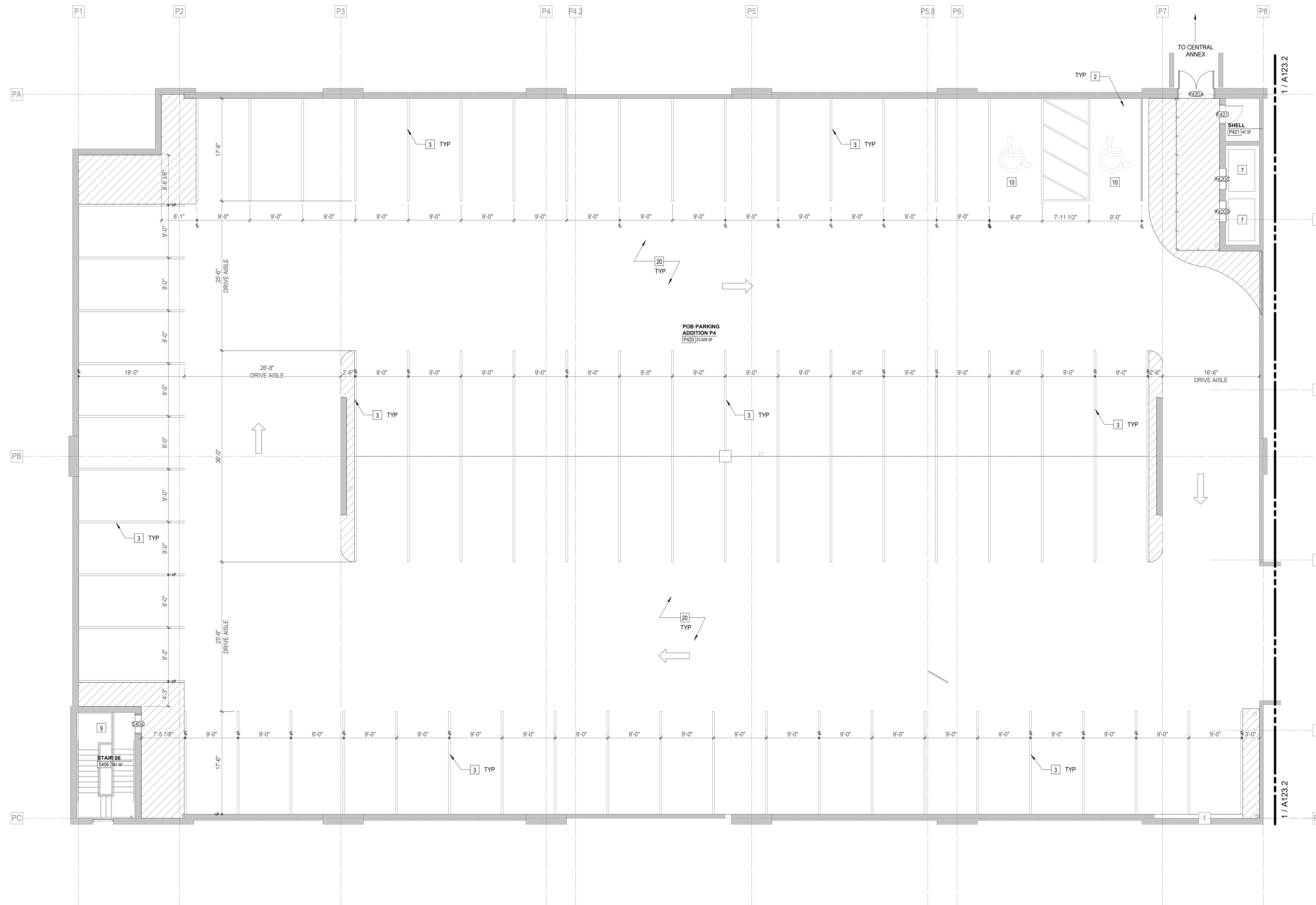
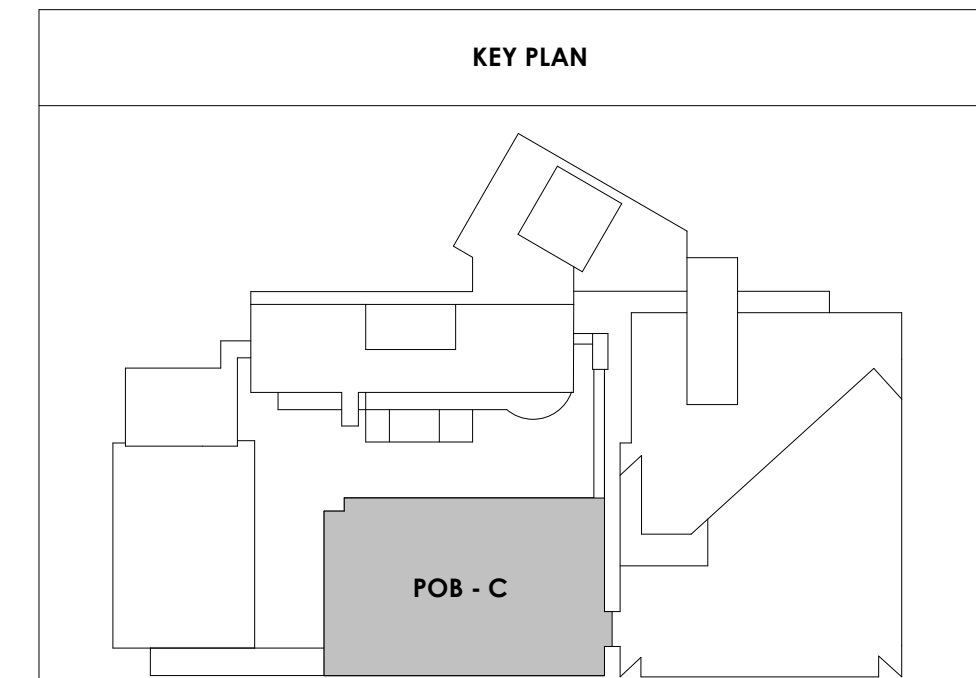
A123.3

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	PROVIDE 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 BRIDGE IN ACCESS READER. SEE SHEET AS420 AND ELECTRICAL FOR ADDITIONAL INFO.
7	EXISTING ELEVATOR TO BE REFURBISHED AS REQUIRED-SEE ELEVATOR PLANS & DETAILS SHEET A625 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	PAINING OF CURB SAFETY STRIPING FOR ALL ENTRANCES AND EXIT DRIVE PATH. TO BE EVALUATED AND DETERMINED BY ARCHITECT.
18	INFILL OPEN WINDOWS LOCATIONS ON LOWER LEVEL ONLY, WITH WIRE MESH FENCING.
19	NEW 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 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.



1 POB - PARKING LEVEL P4 C
A123.3
1/8" = 1'-0"

2/17/2021 5:17:02 PM



Project Information:

19018

COK SAFETY BUILDING

900 East Oak Hill Ave, Knoxville, TN

Seal:



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Architects Design Group

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Issue Date: FEBRUARY 1, 2021
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 PA: LAUREN BUSH /
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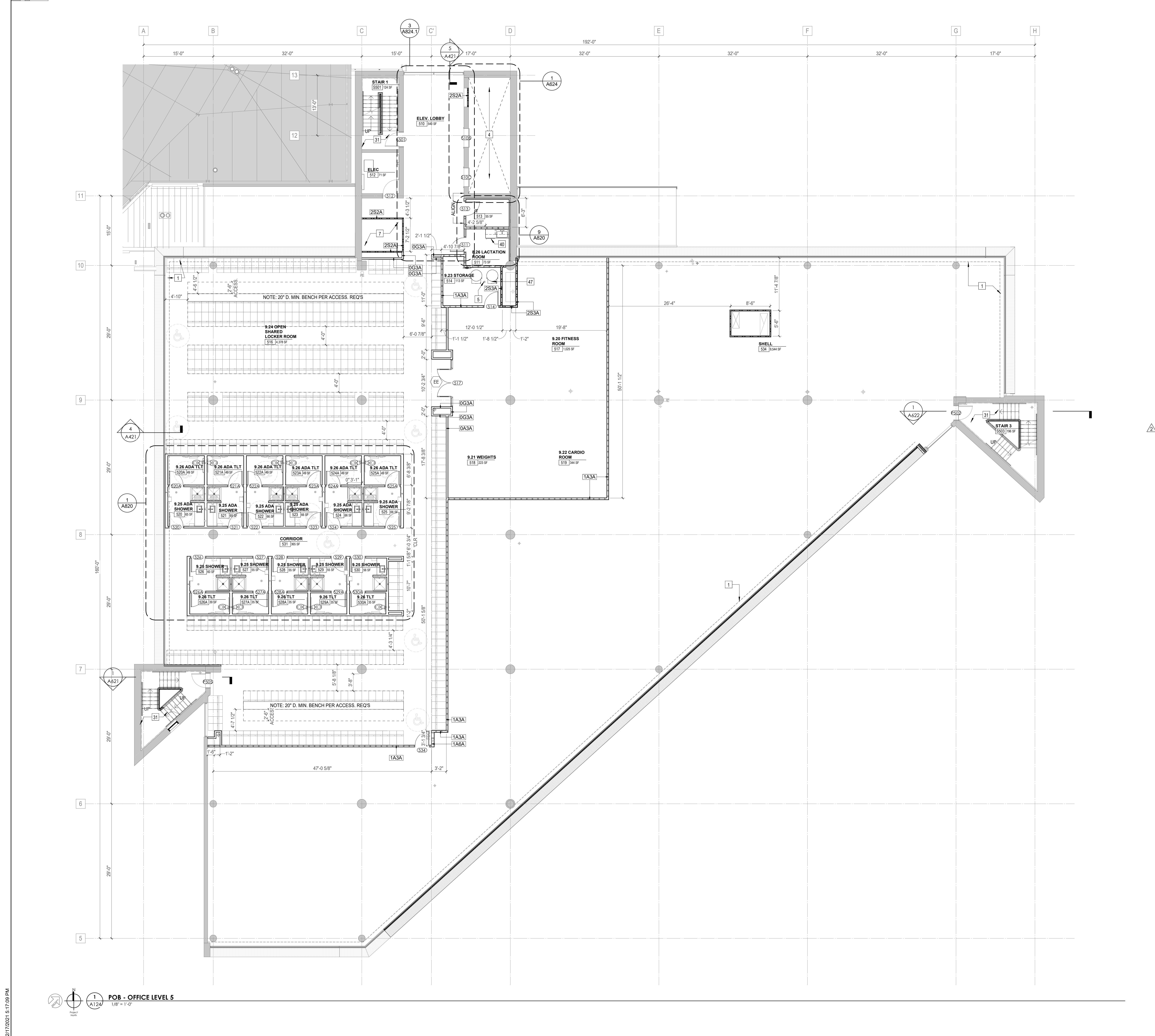
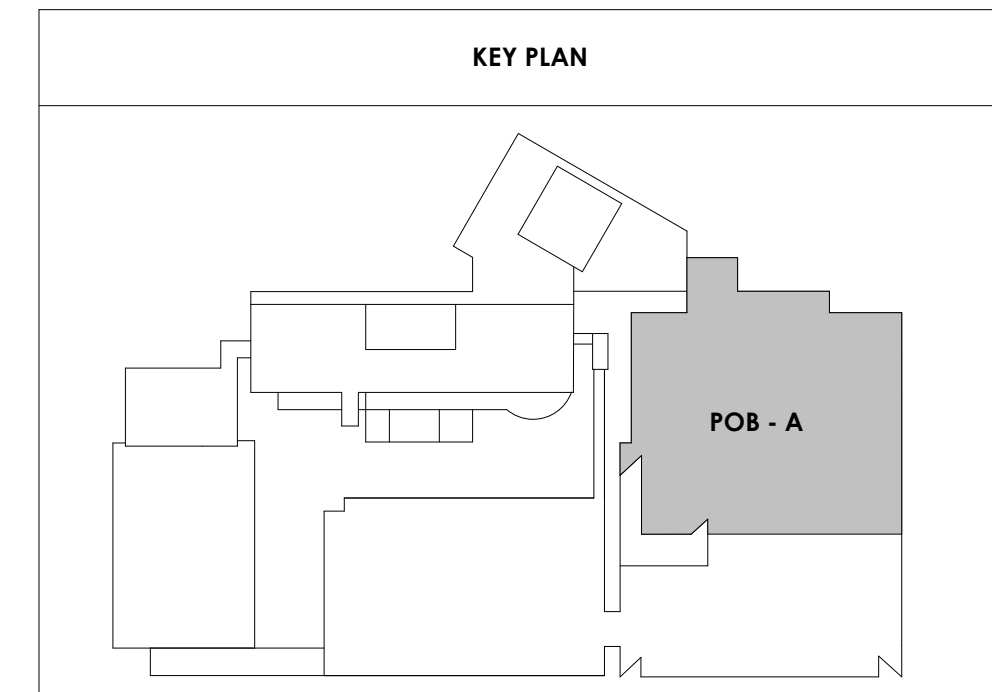
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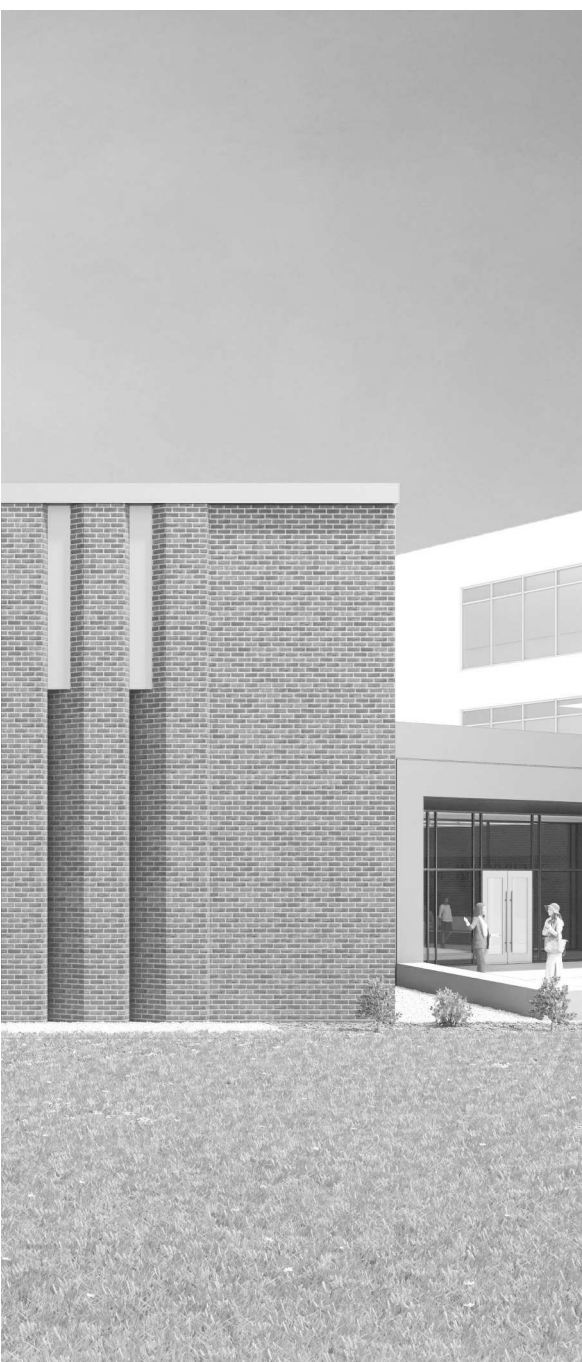
POB - OFFICE LEVEL 5
FLOOR PLAN

WALL LEGEND	
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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)
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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)
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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
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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 AUTLUS BY C.R. LAURENCE
40	OWNER PROVIDED REFRIGERATOR, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
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66	ADA PUSH BUTTON
67	FLOOR BOX - VERIFY FINAL LOCATION PRIOR TO INSTALLION W/ ARCHITECT, COORDINATE W/ SYSTEMS FURNITURE - SEE ELECTRICAL
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70	OWNER PROVIDED MICROWAVE, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
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2/17/2021 5:17:09 PM
 POB - OFFICE LEVEL 5
 1/8" = 1'-0"



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19018

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Seal:



Consultant:

Architects Design Group

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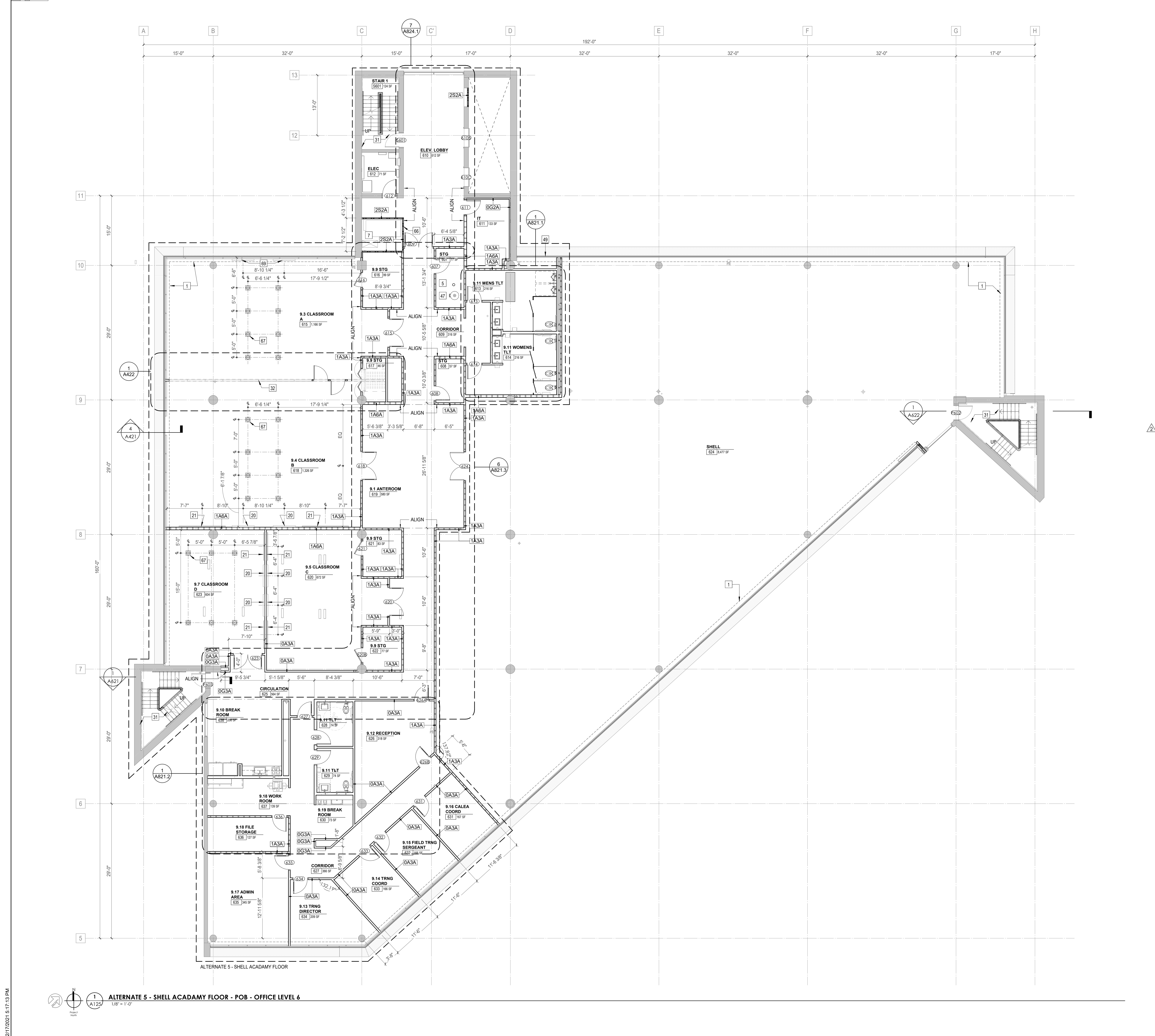
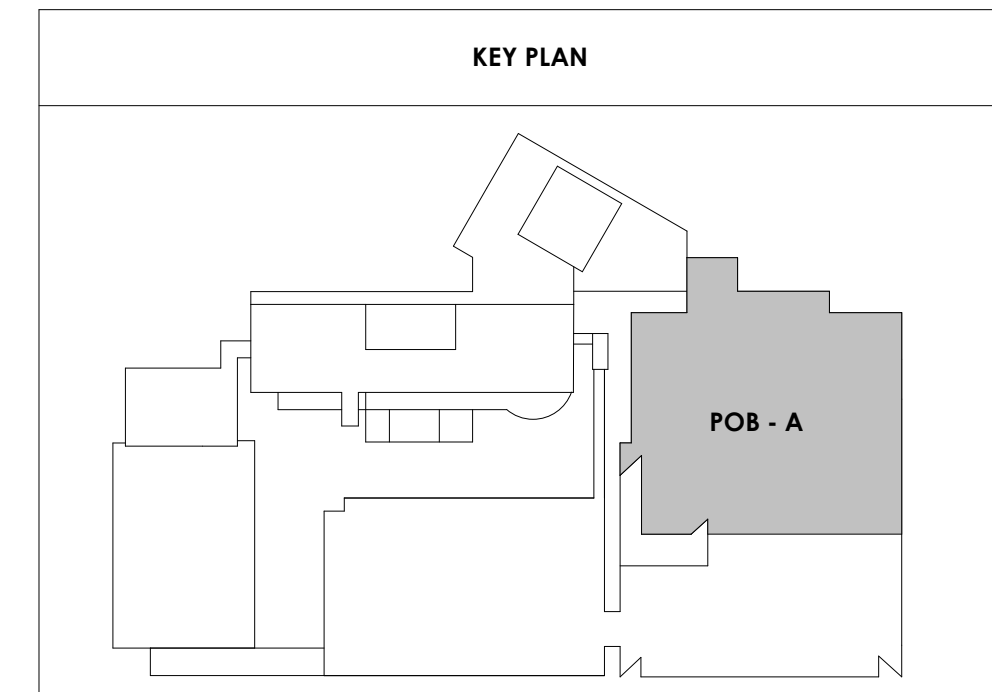
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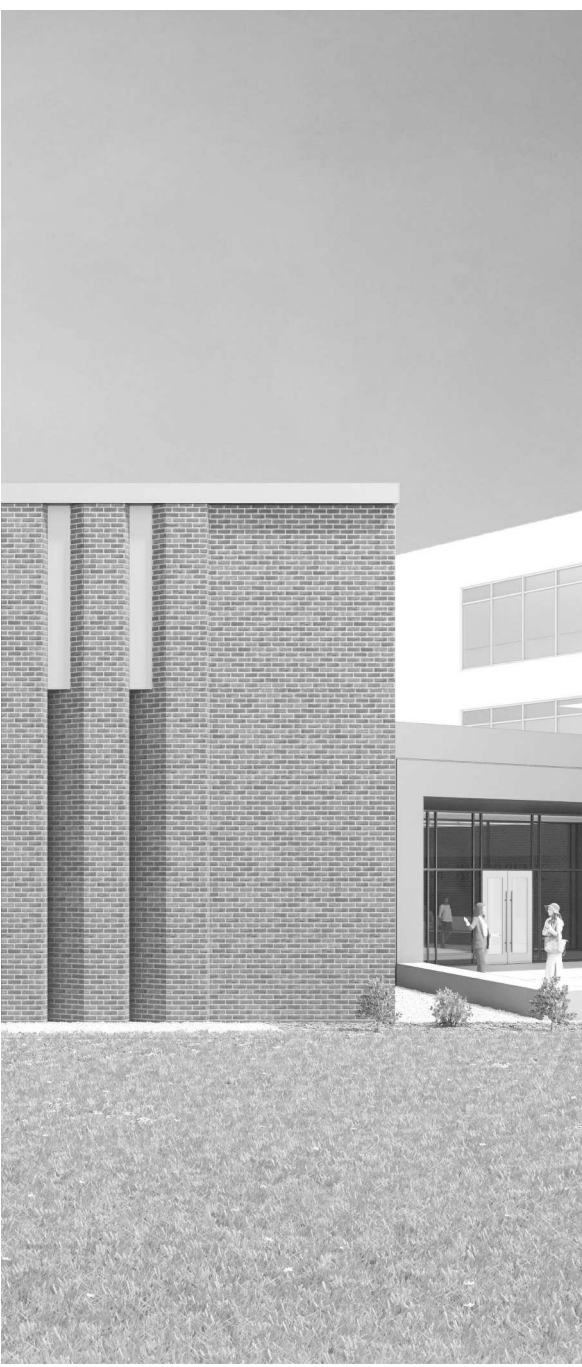
POB - OFFICE LEVEL 6
FLOOR PLAN

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2/17/2021 5:17:13 PM
 ALTERNATE 5 - SHELL ACADEMY FLOOR - POB - OFFICE LEVEL 6
 1/8" = 1'-0"



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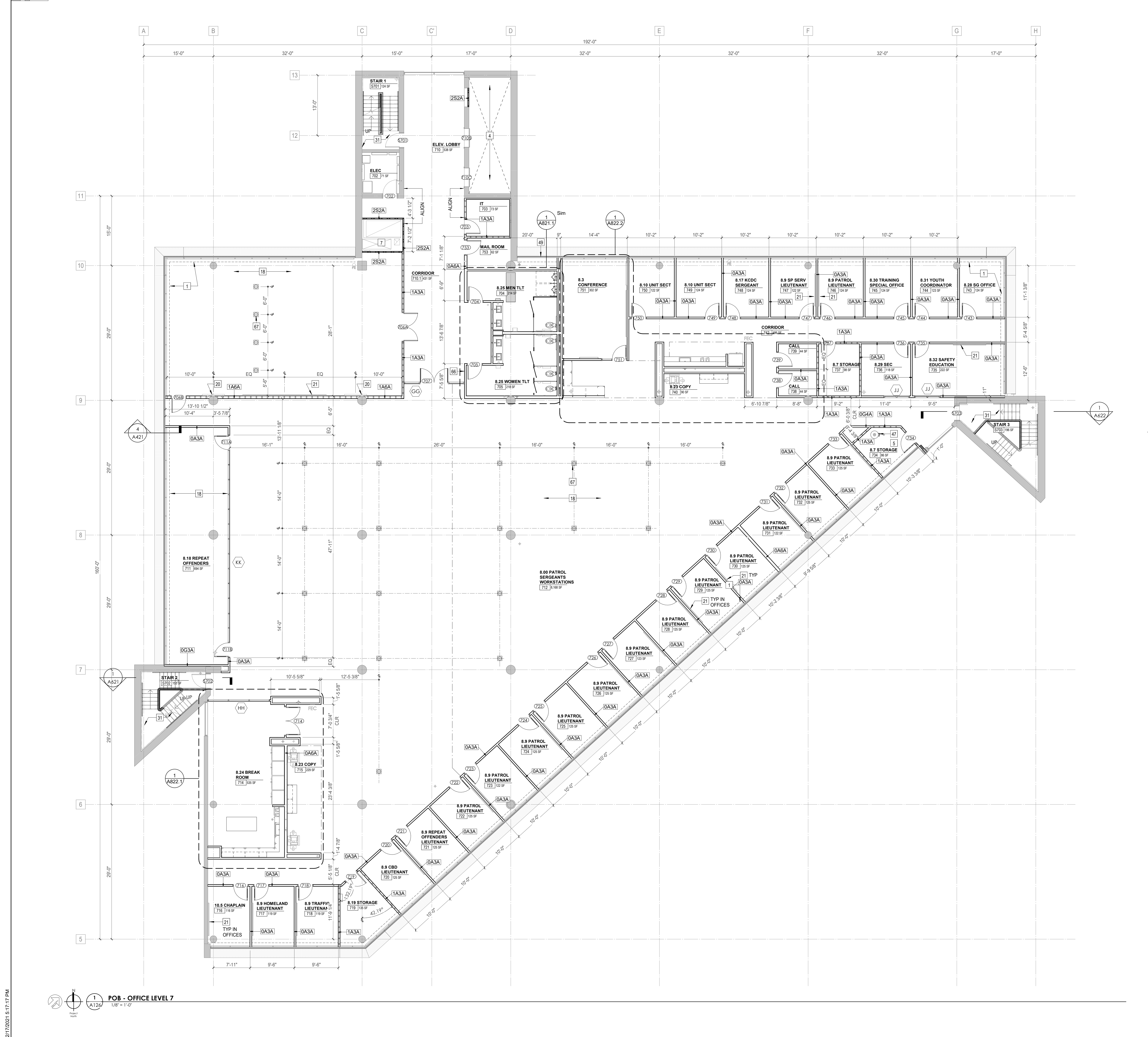
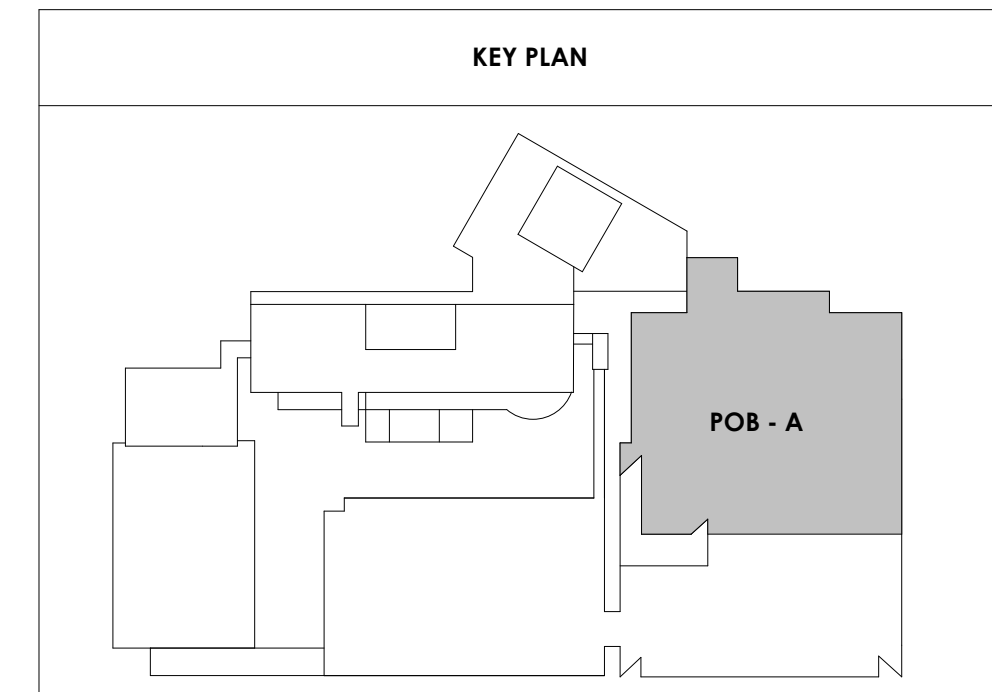
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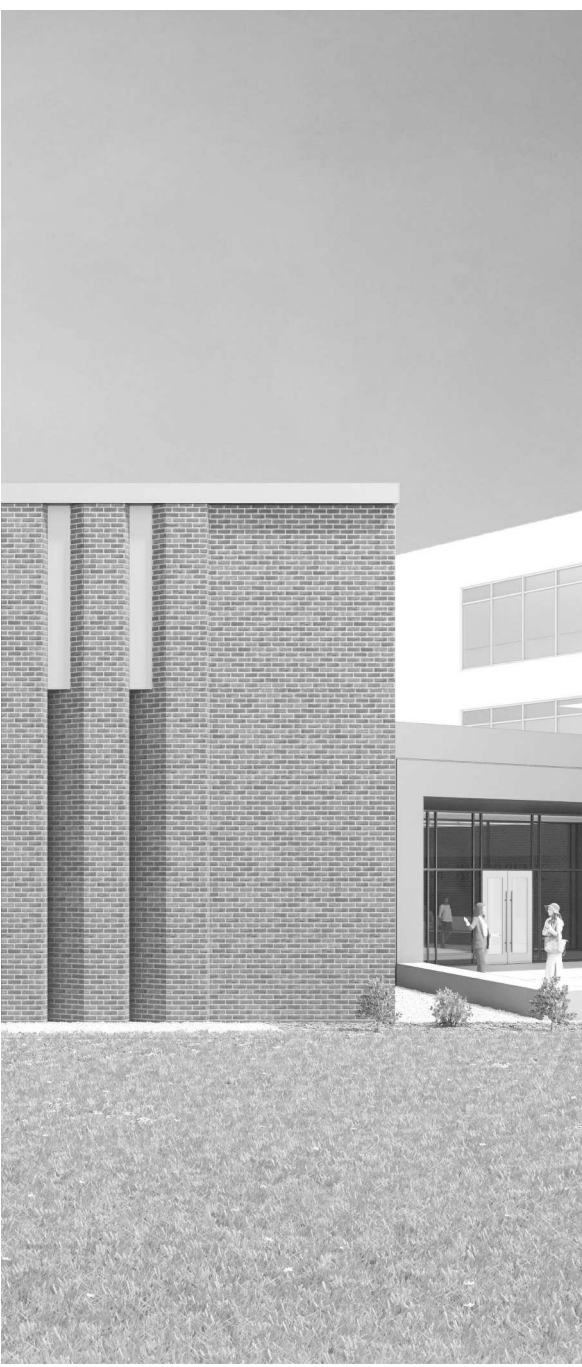
POB - OFFICE LEVEL 7
FLOOR PLAN

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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.



2/17/2021 5:17:17 PM
 POB - OFFICE LEVEL 7
 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 #2.1	02/17/21

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

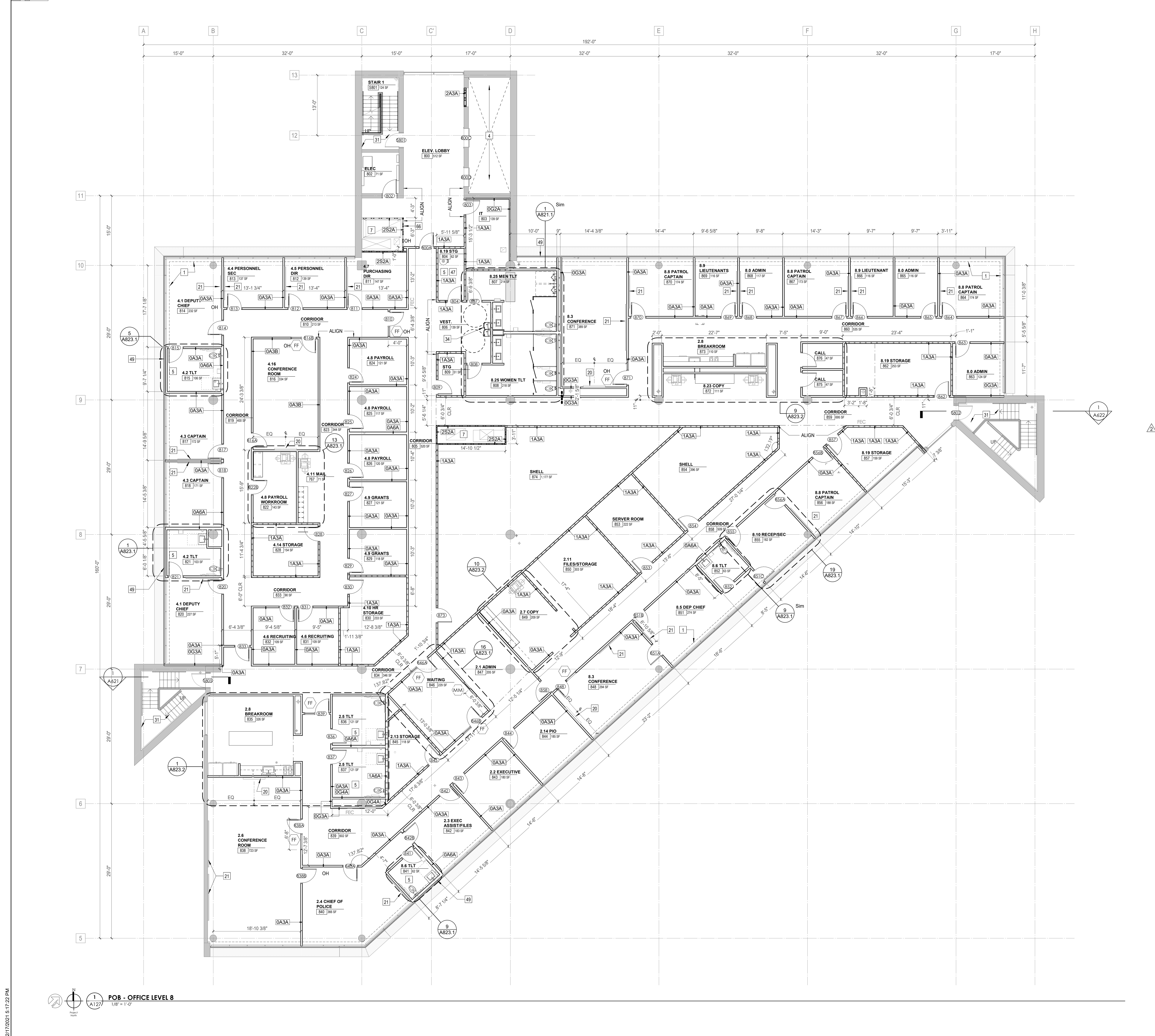
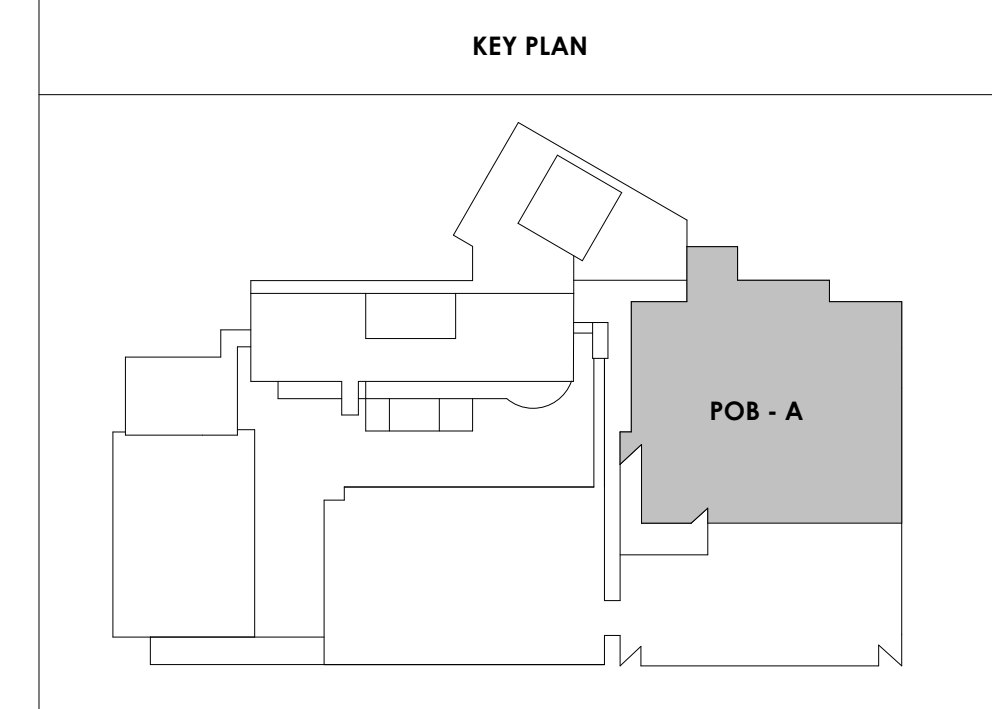
Drawing Info:

A127

POB - OFFICE LEVEL 8 FLOOR PLAN

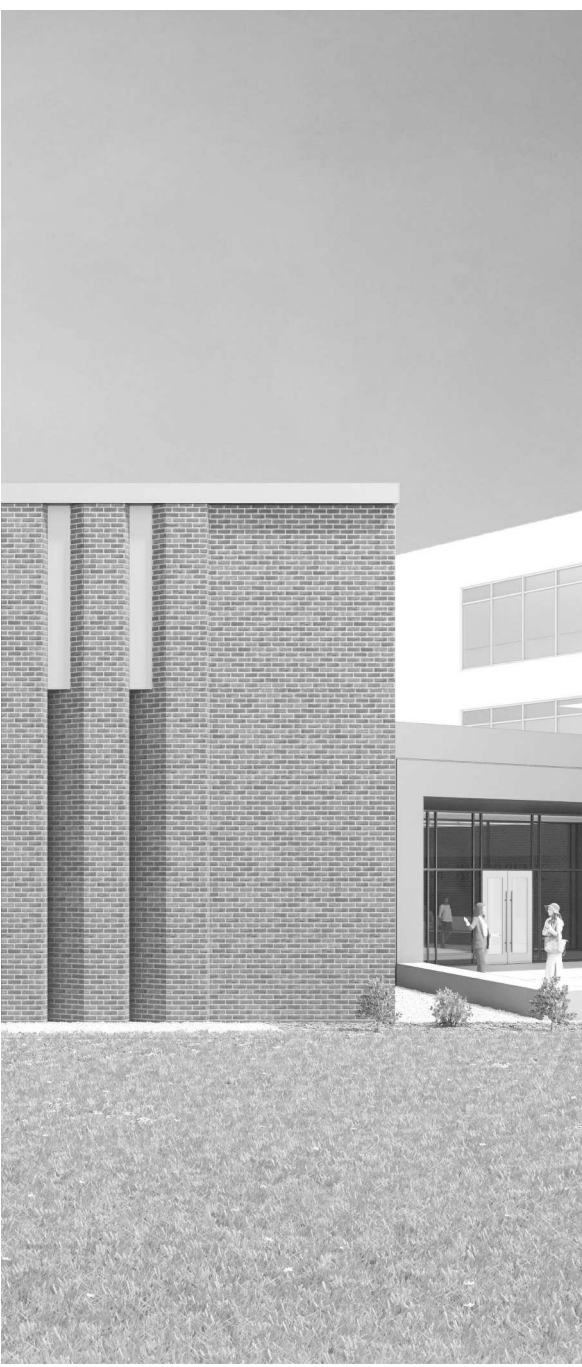
WALL LEGEND	
	2 HR PARTITION (ASSEMBLY VARIES)
	1 HR PARTITION (ASSEMBLY VARIES)
	BALLISTIC LEVEL 3 PARTITION (ASSEMBLY VARIES)
	NEW PARTITION (ASSEMBLY VARIES)
	EXISTING PARTITION
	EXISTING PARTITION TO BE DEMOLISHED

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 - 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
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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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49	APPLY TRANSLUCENT FILM TO INSIDE FACE OF GLAZING
50	IMPACT RESISTANT STEEL BOLLARD. GENERAL LOCATION SHOWN. COORDINATE LOCATION IN FIELD
51	NEW CONCRETE RAMP. SEE SITE DETAILS AS400 & STRUCTURAL DRAWINGS FOR INFO.
52	NEW SHOOTING RANGE. SEE SHOOTING RANGE PLANS A108 FOR INFO.
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2/17/2021 5:17:22 PM

 POB - OFFICE LEVEL 8
 1/8" = 1'-0"



Project Information:

19018

COK SAFETY BUILDING

900 East Oak Hill Ave, Knoxville, TN

Seal:



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Architects Design Group

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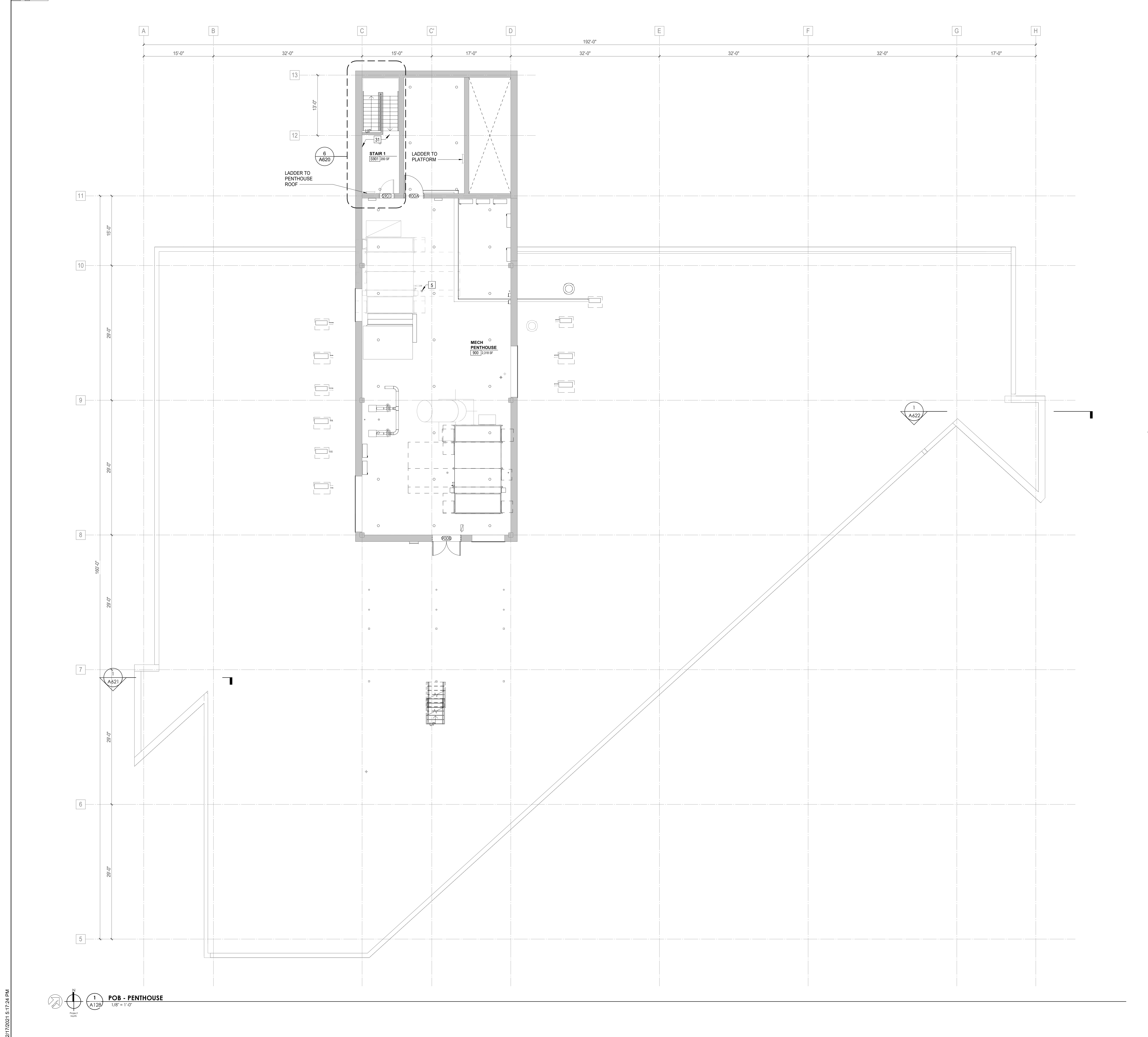
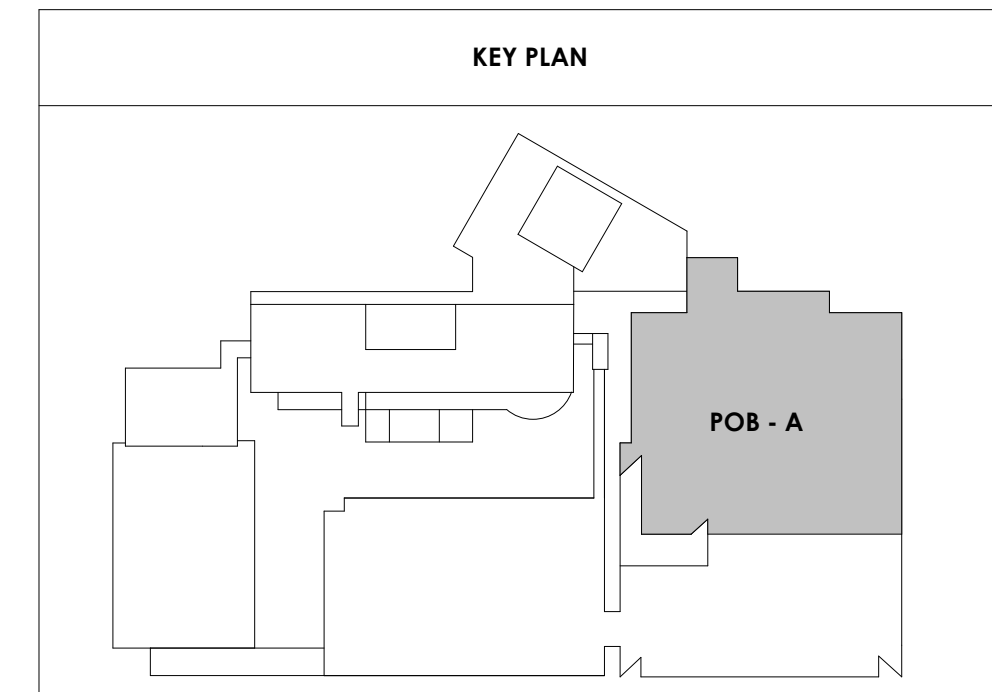
Drawing Info:

A128

POB - PENTHOUSE

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2/17/2021 5:17:24 PM
 POB - PENTHOUSE
 A128
 1/8" = 1'-0"



Project Information:

19018

COK SAFETY BUILDING

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Seal:



Consultant:

Architects Design Group

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2	ADD #02.1	02/17/21

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

Drawing Info:

A129

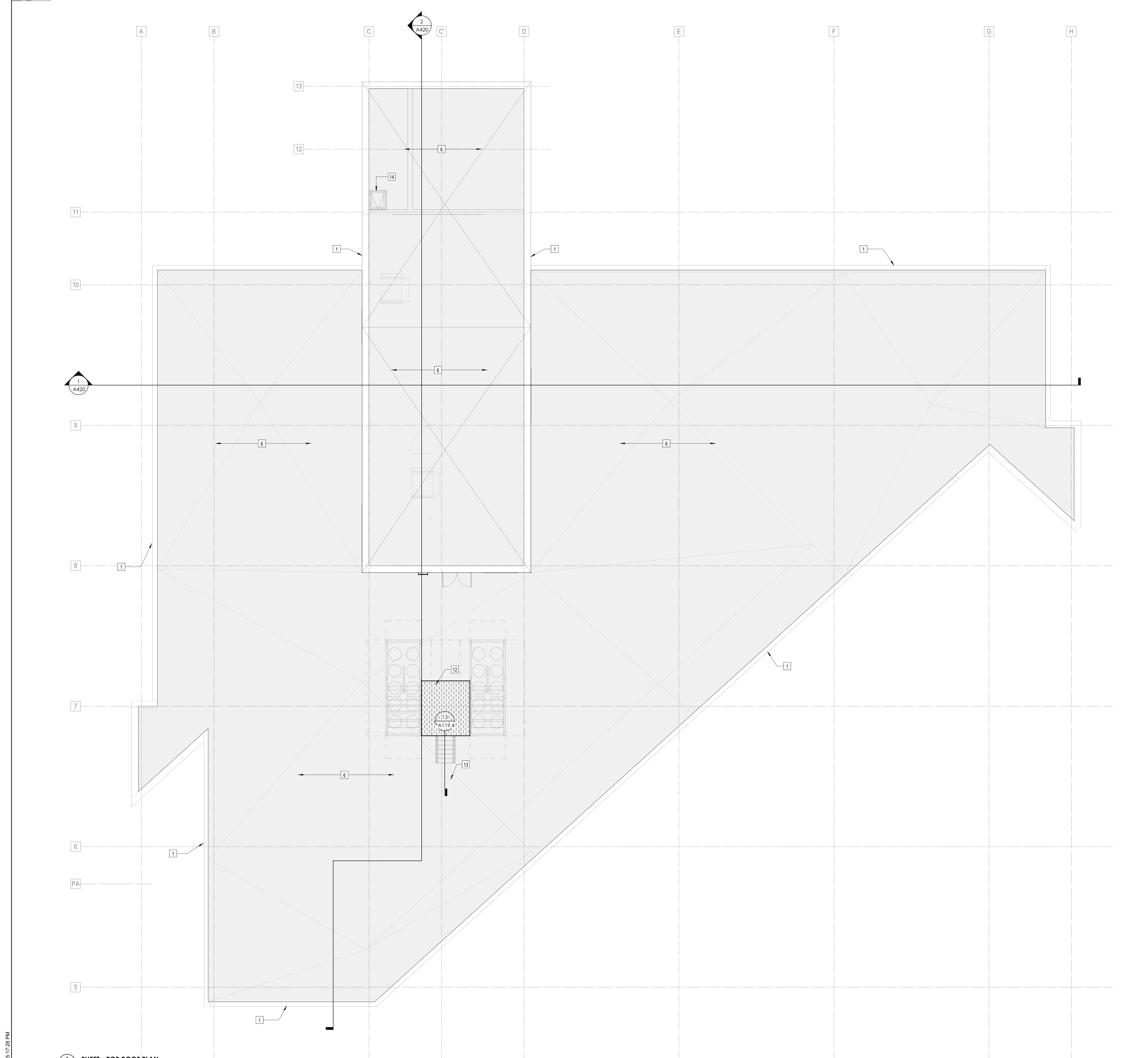
POB - ROOF PLAN

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ROOF PLAN LEGEND	
GRAPHICS	
	EXISTING ROOF ASSEMBLY TO REMAIN
	NEW ROOF ASSEMBLY** ON EXIST. FLAT STRUCT. - SLOPE INSUL TO DRAINS AS SHOWN - 1 HR FIRE RATING
	NEW ROOF ASSEMBLY** ON NEW SLOPED STRUCT. - 1 HR FIRE RATING
	NEW ROOF ASSEMBLY** ON NEW FLAT STRUCT. - SLOPE INSUL TO DRAINS AS SHOWN - 1 HR FIRE RATING
	WALKPADS
** 30-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 VALLEY 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 30-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
4	REMOVE EXISTING ROOF SYSTEM TO DECK AND PROVIDE NEW 30-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	REMOVE EXISTING ROOF SYSTEM TO DECK AND PROVIDE NEW 30-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
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. INFILL 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 W/ HANDRAIL UP TO CHILLER PLATFORM MOUNTED ON ISOLATION PADS
14	EXISTING ROOF HATCH TO REMAIN - VERIFY LOCATION IN FIELD
15	NEW ROOF HATCH ACCESS TO LADDER BEAM
16	PROVIDE NEW SAFETY RAILS AROUND EXISTING ROOF HATCH TO REMAIN - v.i.f.
17	REMOVE EXISTING ROOF SYSTEM TO DECK AND NEW 30-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 30-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

ROOF REMEDIATION:
REFER TO "BUILDING ENVELOPE ASSESSMENT" IN SPECIFICATIONS FOR FULL REPORT



1 SHEET - POB ROOF PLAN
1/8" = 1'-0"

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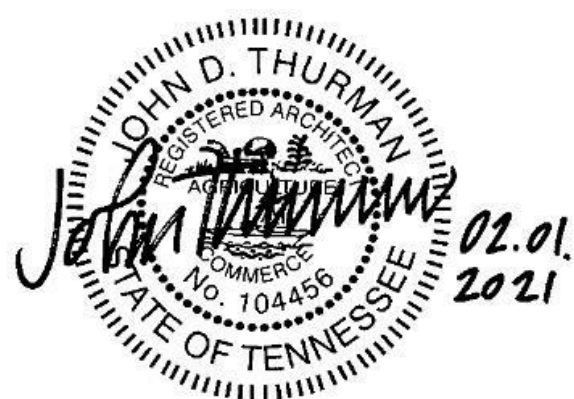
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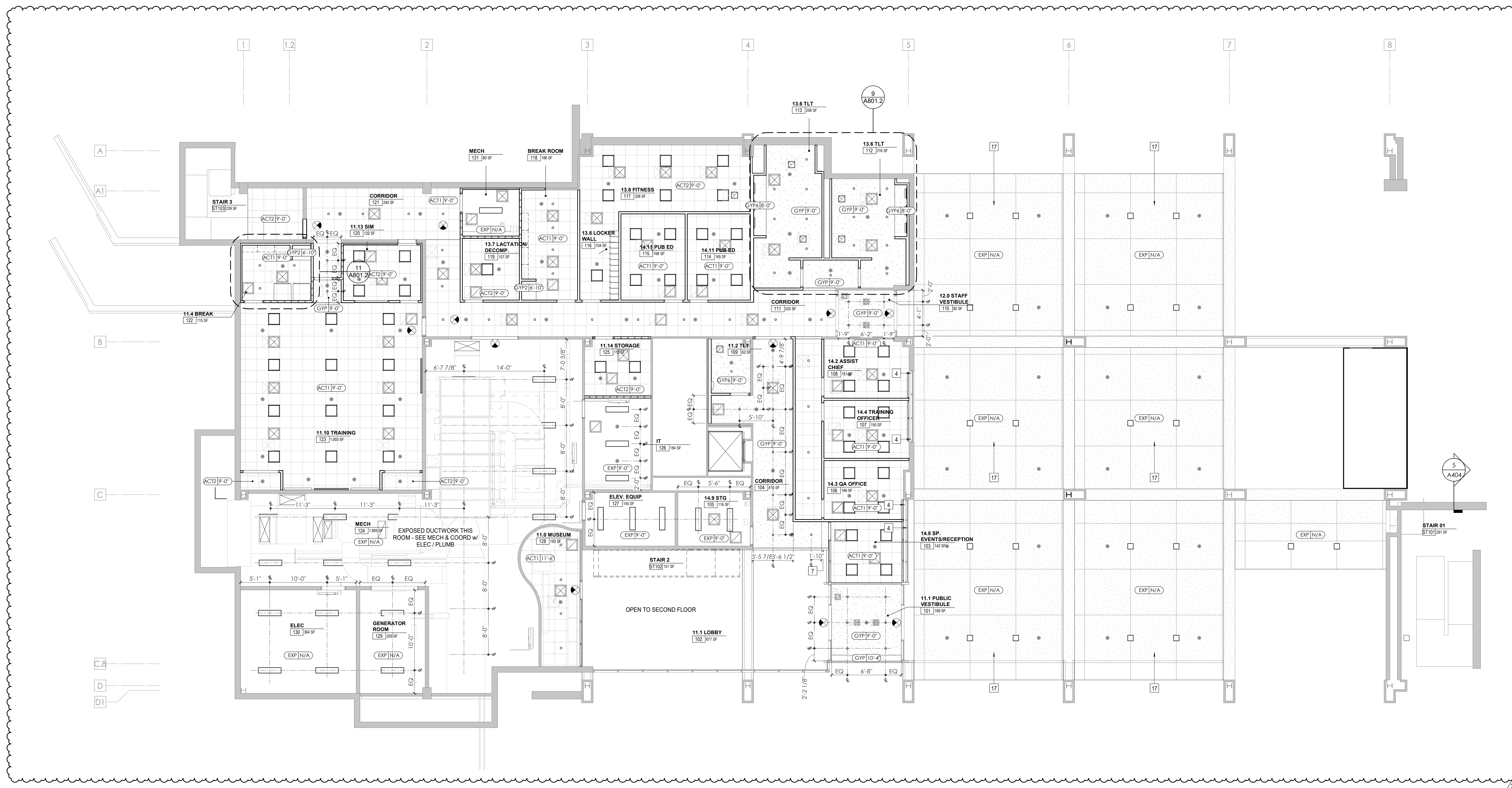
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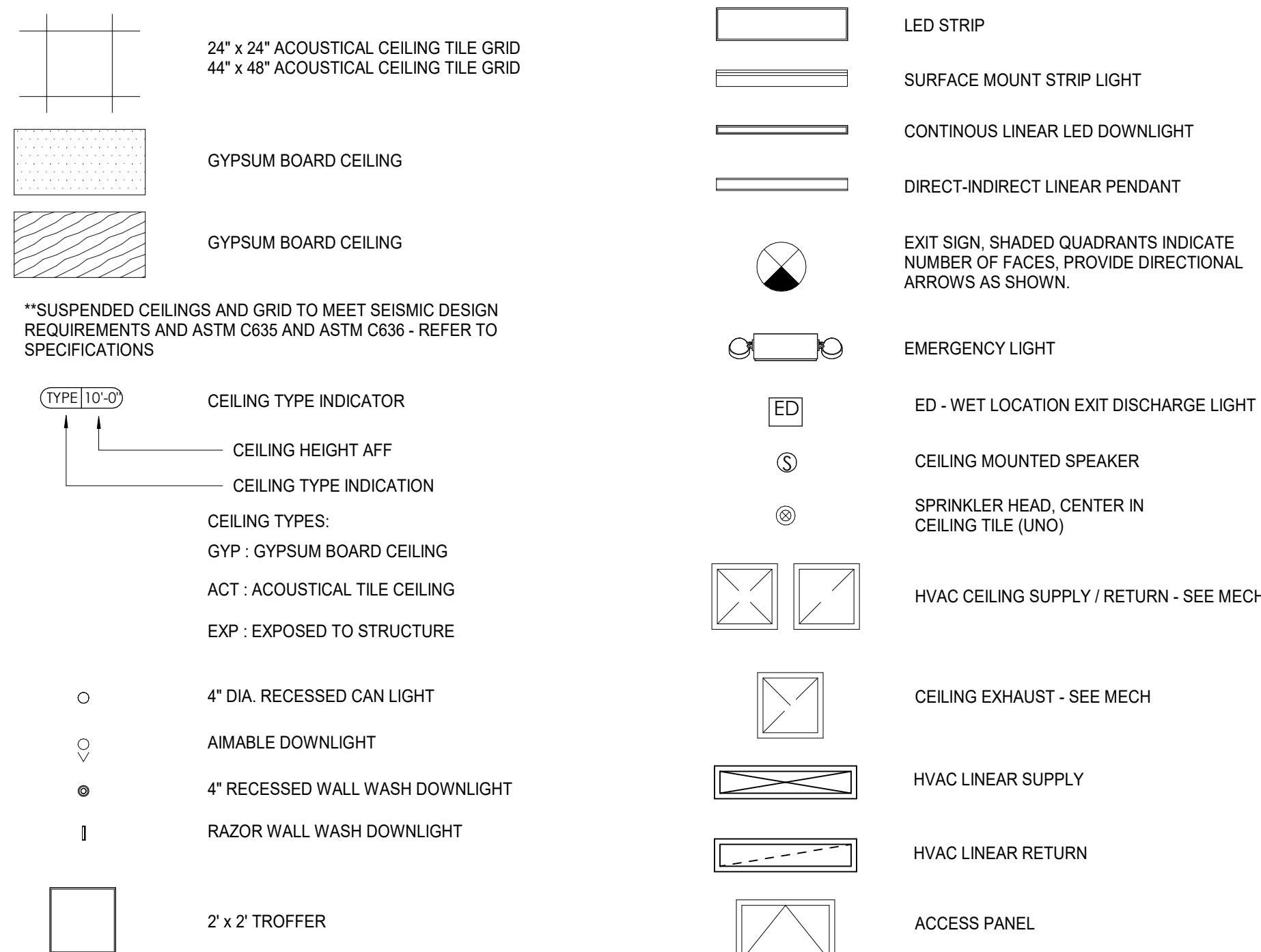
A201

WP - FIRST LEVEL
REFLECTED CEILING
PLAN



1 WP - FIRST LEVEL - REFLECTED CEILING PLAN
1/8" = 1'-0"

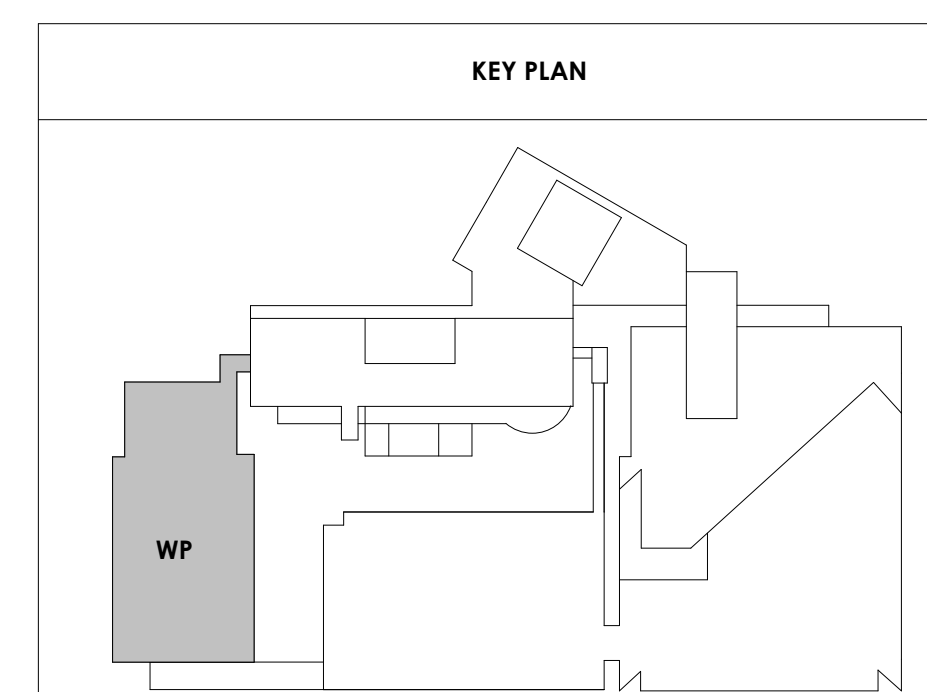
REFLECTED CEILING PLAN LEGEND



KEYNOTE - 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 LOCATION IN FIELD
11	LOCKERS BELOW (DASHED)
12	NEW 3/8" METAL STUD & 5/8" WATER RESISTANT GYP. BD CEILING, WITH 1" MIN. RIGID INSULATION & WATERPROOF MEMBRANE IN PLENUM. CONTRACTOR TO VERIFY WATERTIGHT 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 CEILING DOOR & FRAME, 45 MIN RATED
17	REMOVE EXISTING EIFS SOFFIT AND PROVIDE NEW SUSPENDED EIFS SOFFIT WITH R-30 BATT INSULATION IN OVERHANGING CAVITY.

KEY PLAN





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19018

COK SAFETY BUILDING

900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:

Architects Design Group

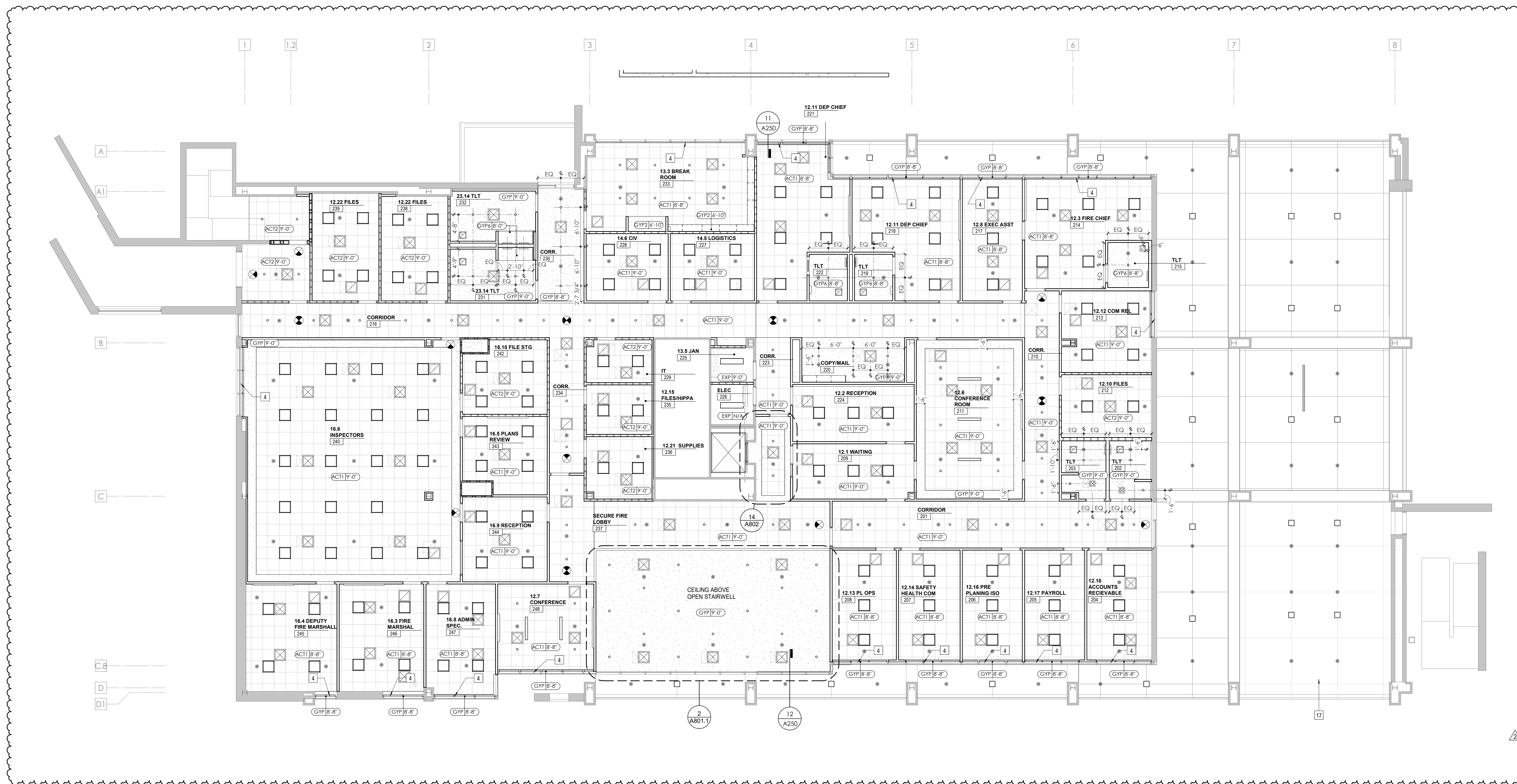
#	ISSUE	DATE
2	ADD #02.1	02/17/21

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:

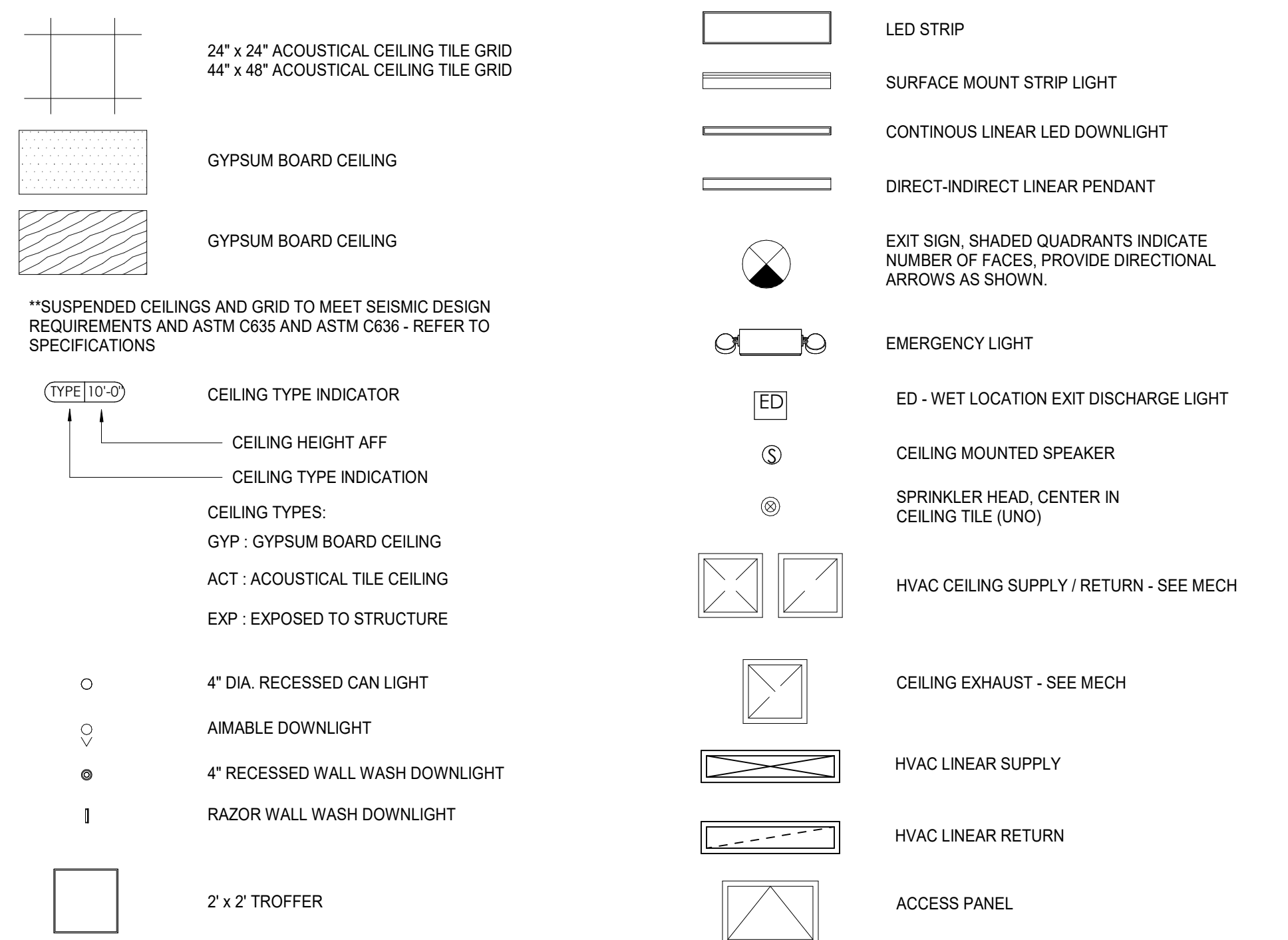
A202

WP - SECOND LEVEL REFLECTED CEILING PLAN



1 WP - SECOND LEVEL - REFLECTED CEILING PLAN
 A202 1/8"=1'-0"

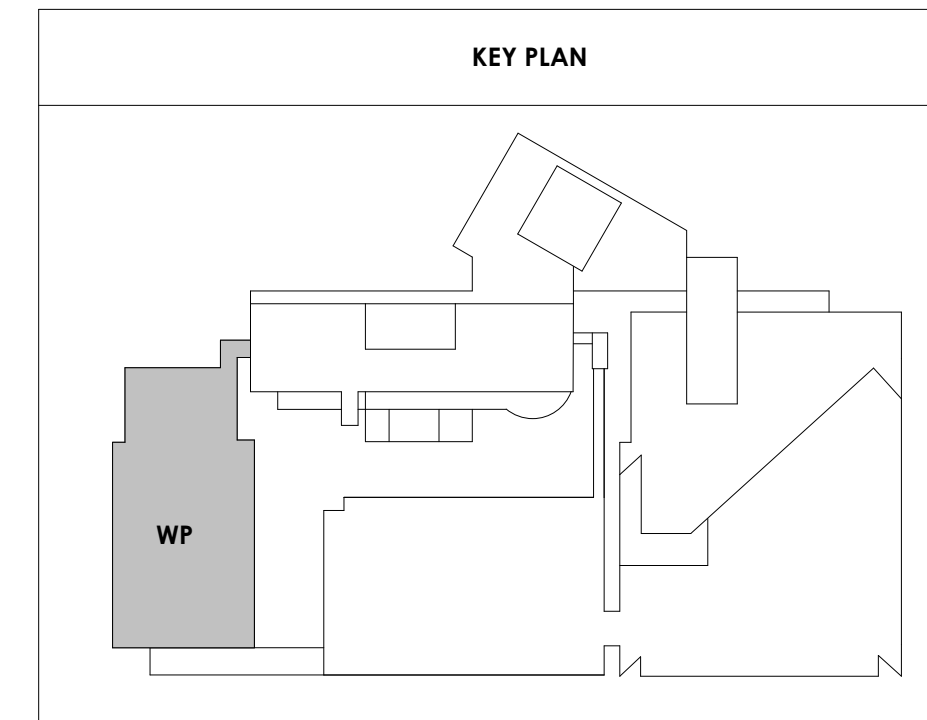
REFLECTED CEILING PLAN LEGEND



KEYNOTE - 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 LOCATION IN FIELD
11	LOOKERS BELOW (DASHED)
12	NEW 3/8" METAL STUD & 5/8" WATER RESISTANT GYP. BD CEILING, WITH 1" MIN. RIGID INSULATION & WATERPROOF MEMBRANE IN PLENUM. CONTRACTOR TO VERIFY WATERTIGHT 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 OVERHANGING CAVITY.

KEY PLAN





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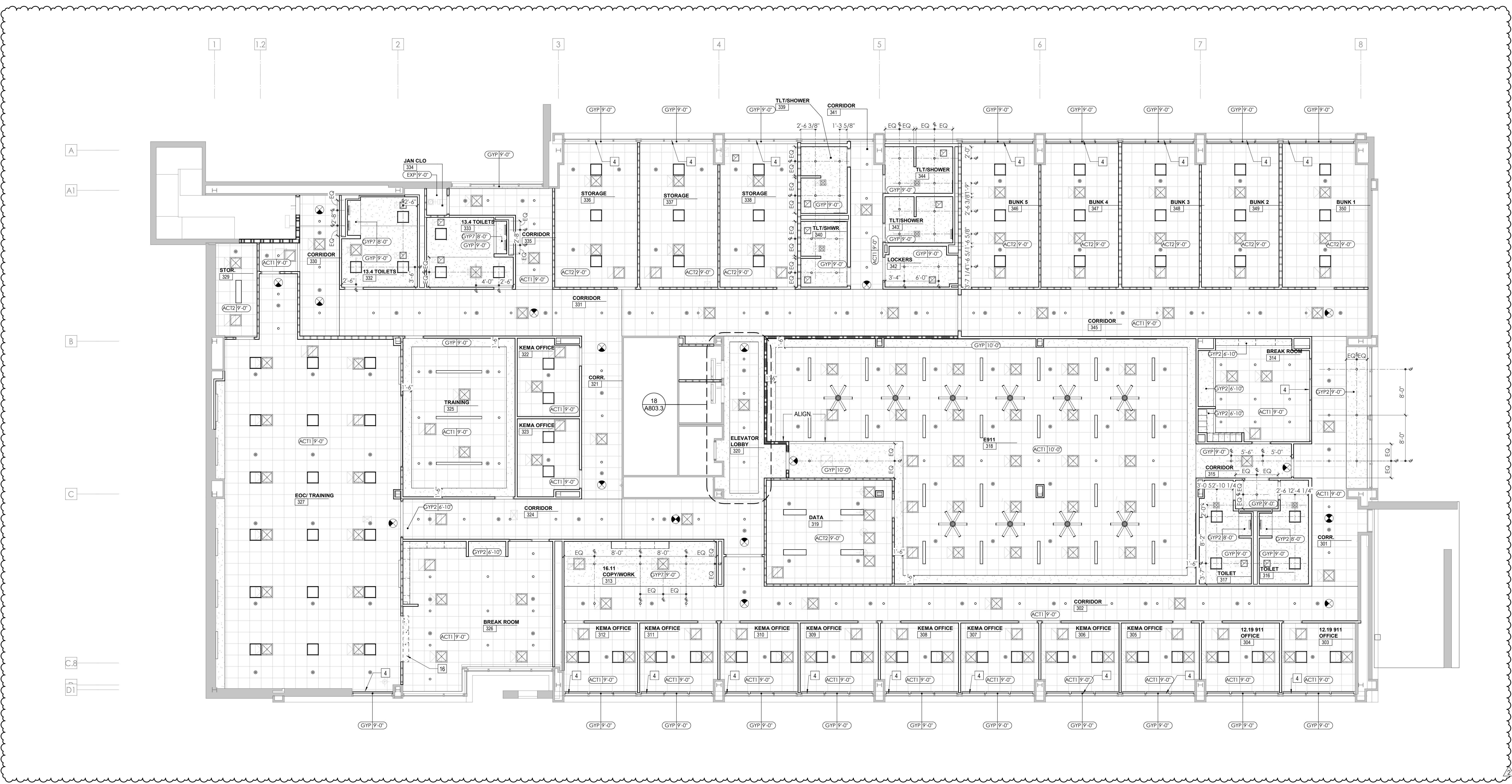
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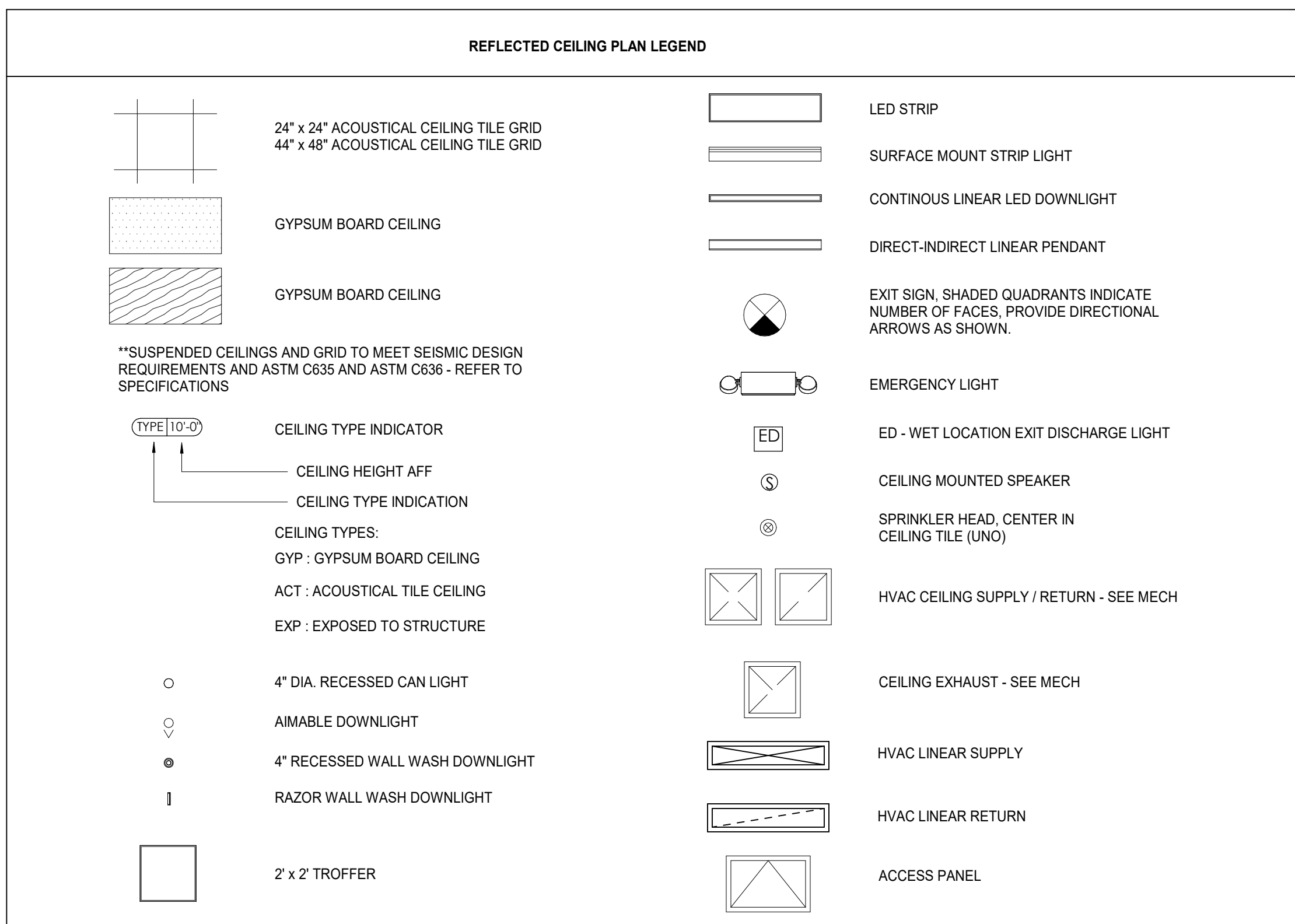
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A203

WP - THIRD LEVEL REFLECTED CEILING PLAN

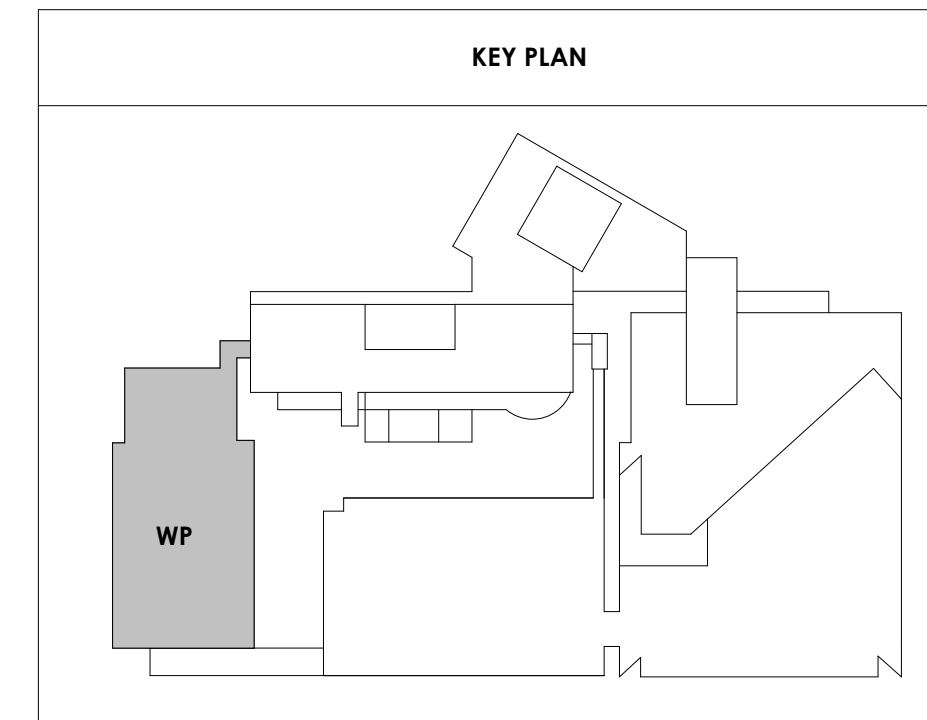


1 WP - THIRD LEVEL REFLECTED CEILING PLAN
1/8" = 1'-0"



KEYNOTE - REFLECTED CEILING PLAN

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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.





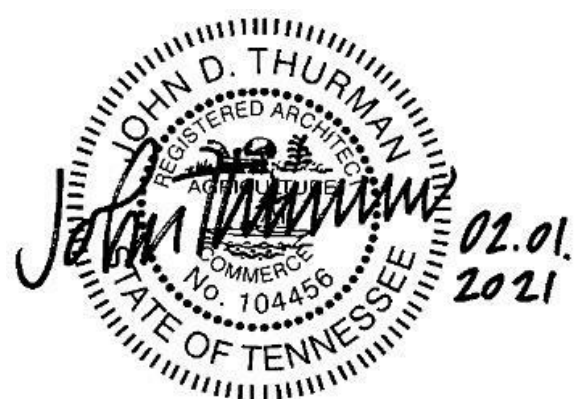
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Drawing Info:

A210.1

CA - LEVEL LL3 A RCP

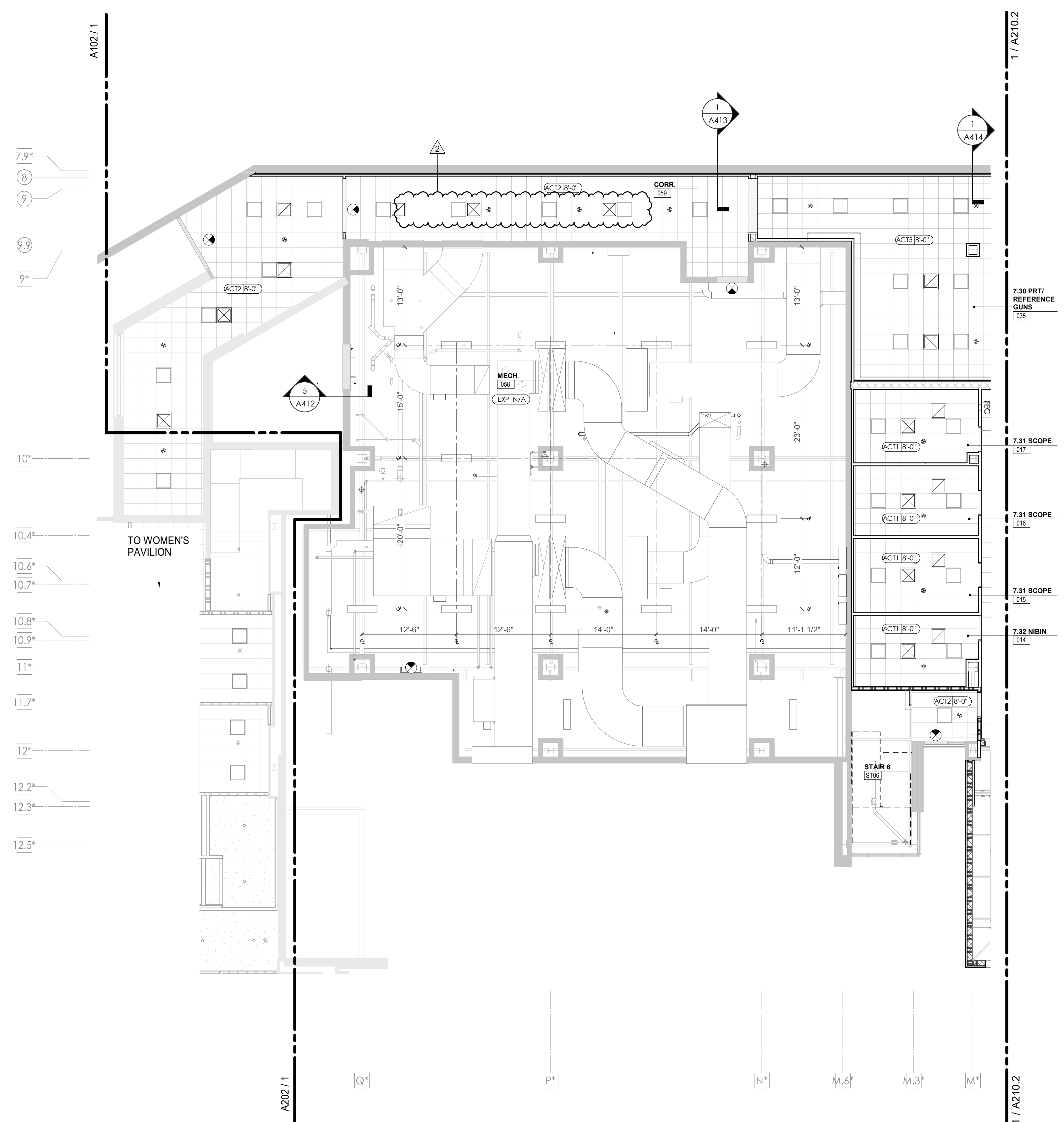
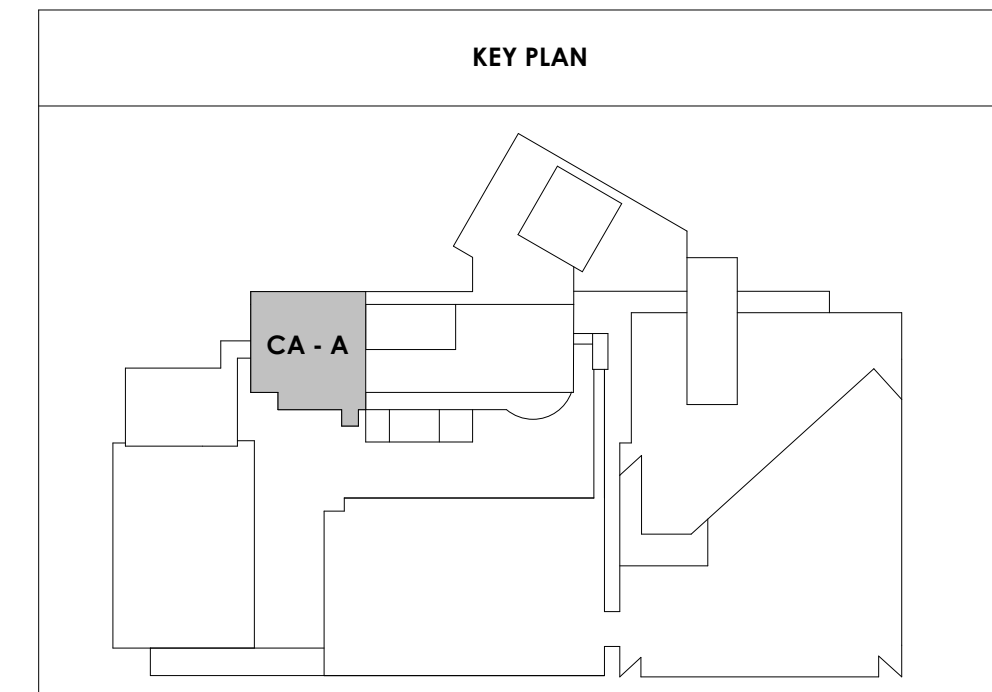
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REFLECTED CEILING PLAN LEGEND

	24" x 24" ACOUSTICAL CEILING TILE GRID
	44" x 48" ACOUSTICAL CEILING TILE GRID
	GYPSUM BOARD CEILING
	WOOD PANEL CEILING
	EIFS SOFFIT
**SUSPENDED 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 (JWGD)
	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
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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
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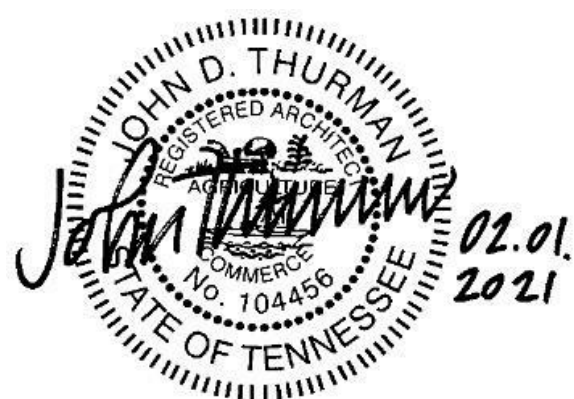


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 PA: LAUREN BUSH /
 Drawn By: LBU/WADG
 Checked By: BP

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
- GYPSON 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

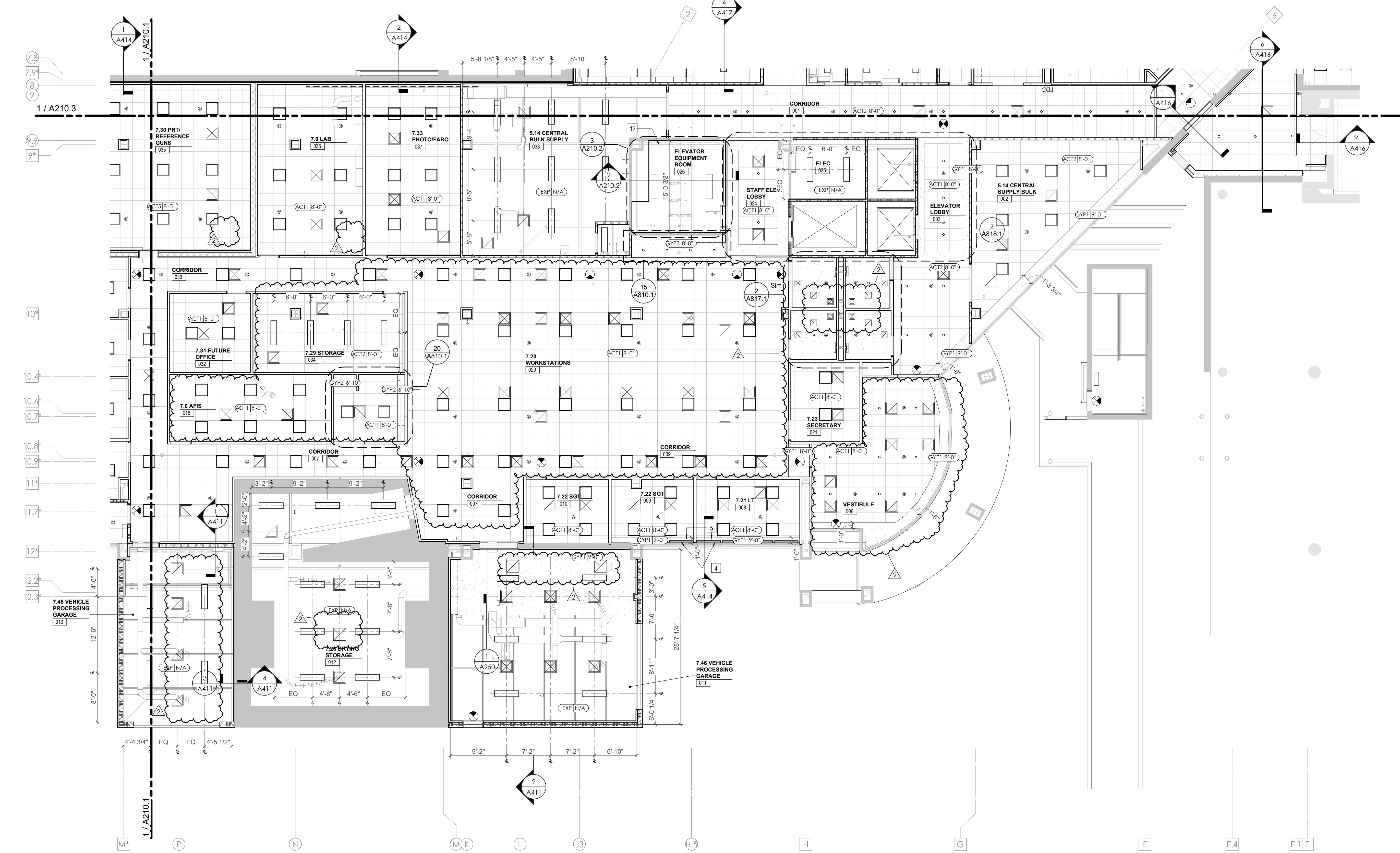
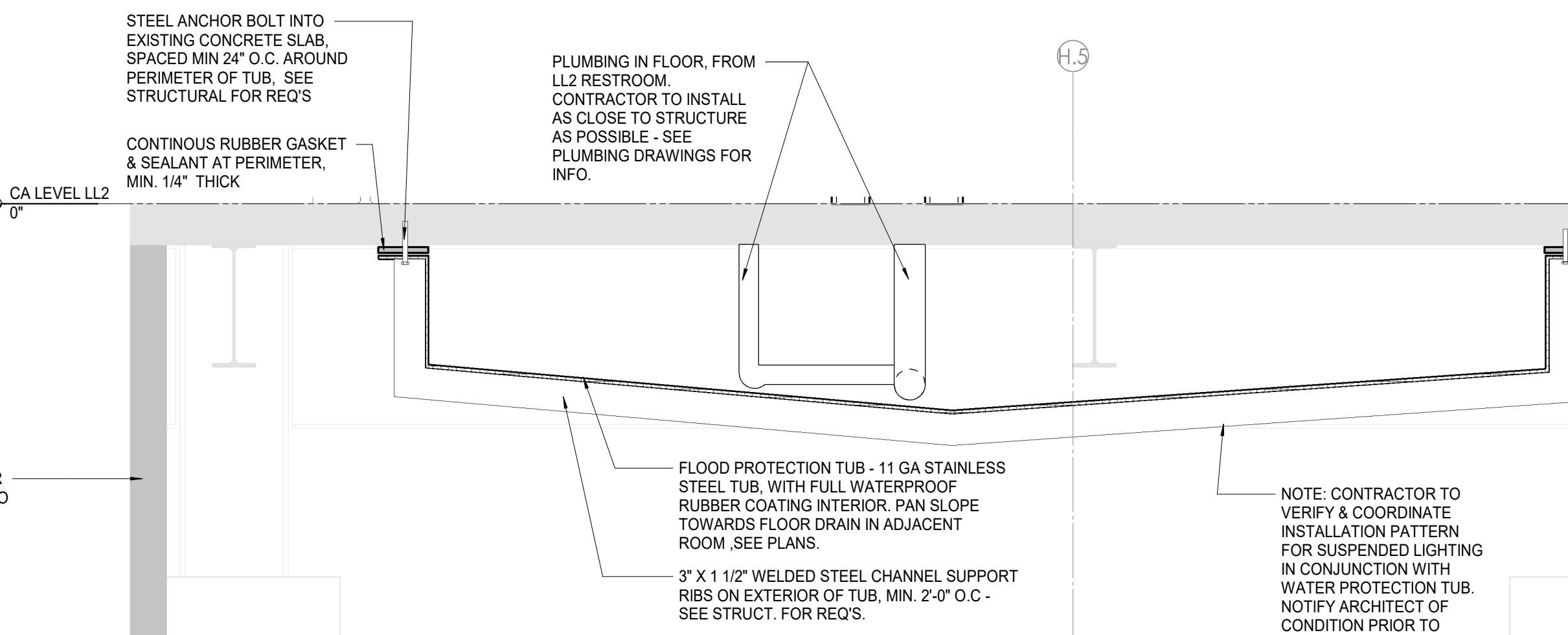
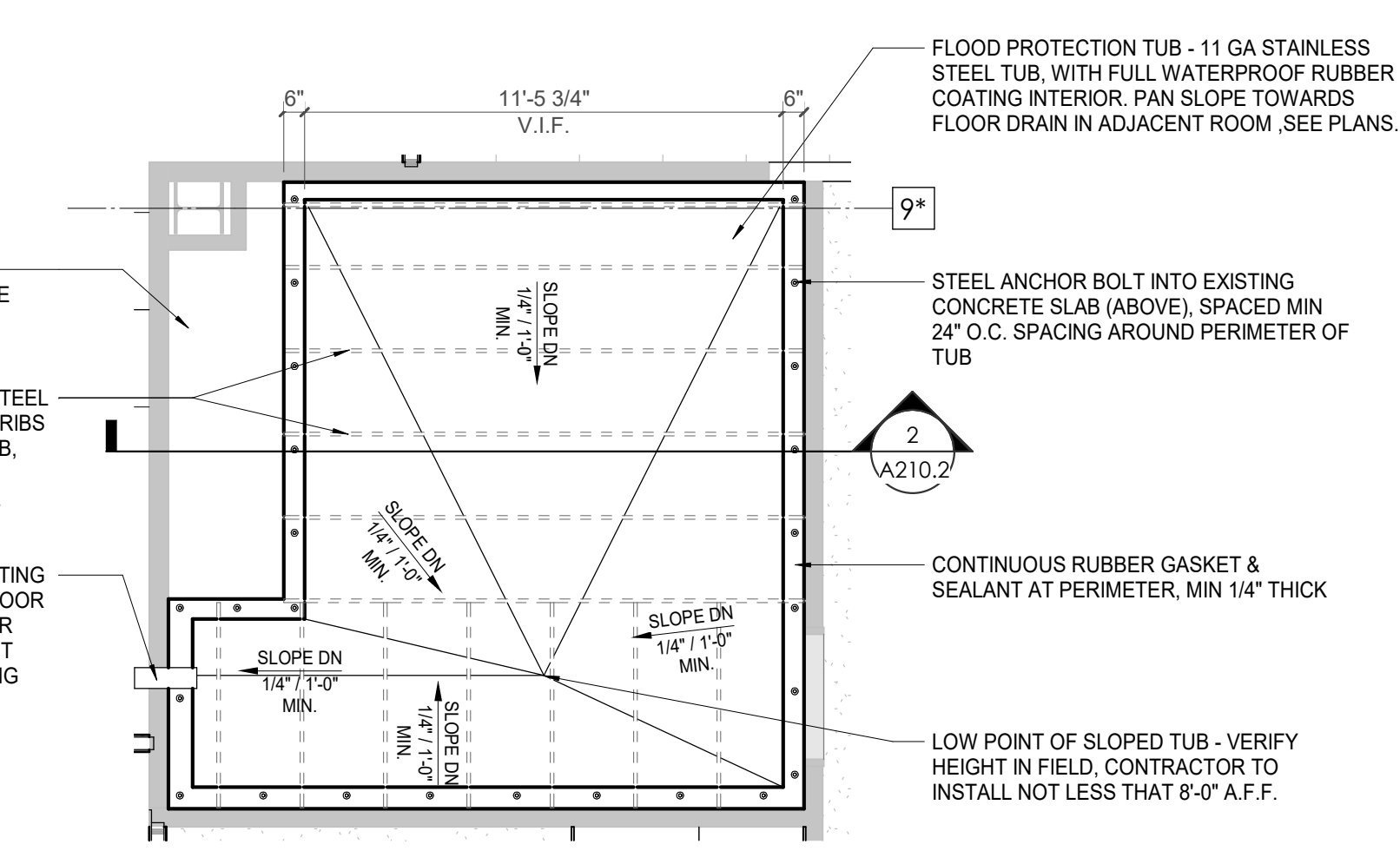
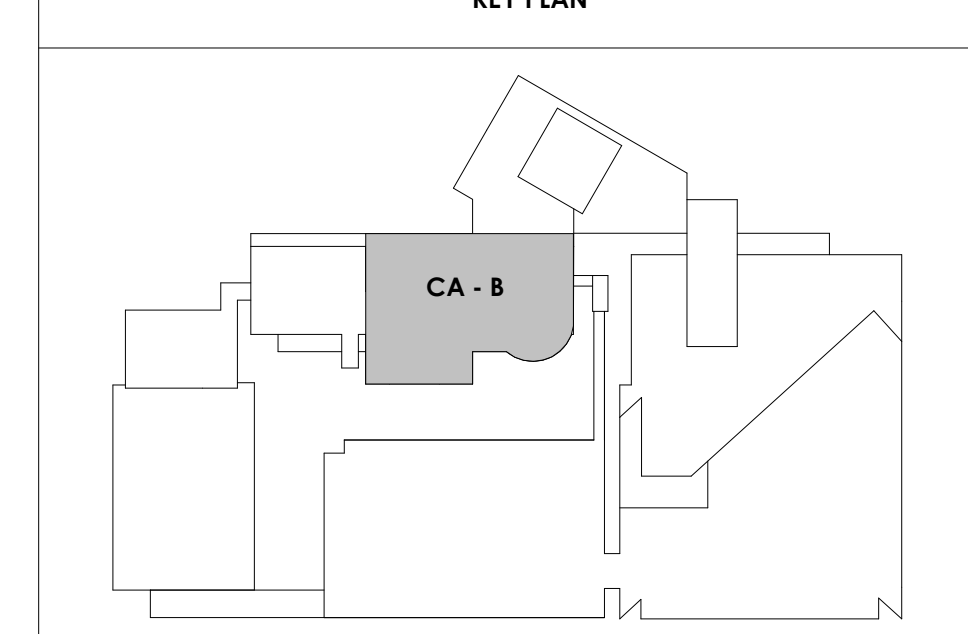
CEILING TYPES:

- GYP: GYPSON 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 (UNC)
- HVAC CEILING SUPPLY
- HVAC CEILING RETURN
- HVAC LINEAR SUPPLY
- HVAC LINEAR RETURN
- ACCESS PANEL

KEYNOTES - REFLECTED CEILING PLAN

Tag	Text
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KEY PLAN



SHEET - CA - LEVEL LL3 B RCP
1/8" = 1'-0"

2/17/2021 5:07:57 PM



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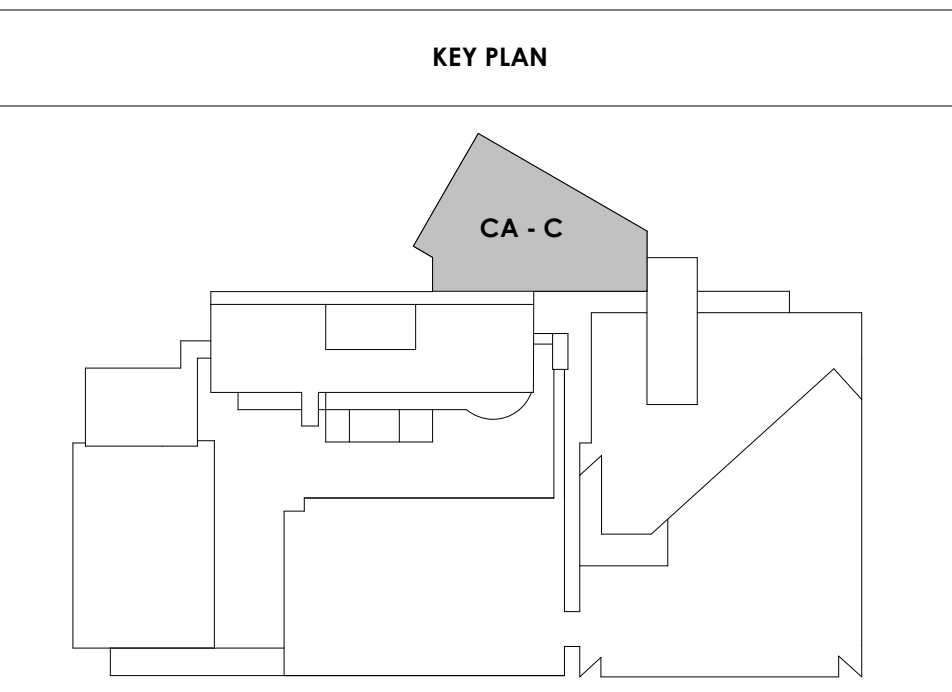
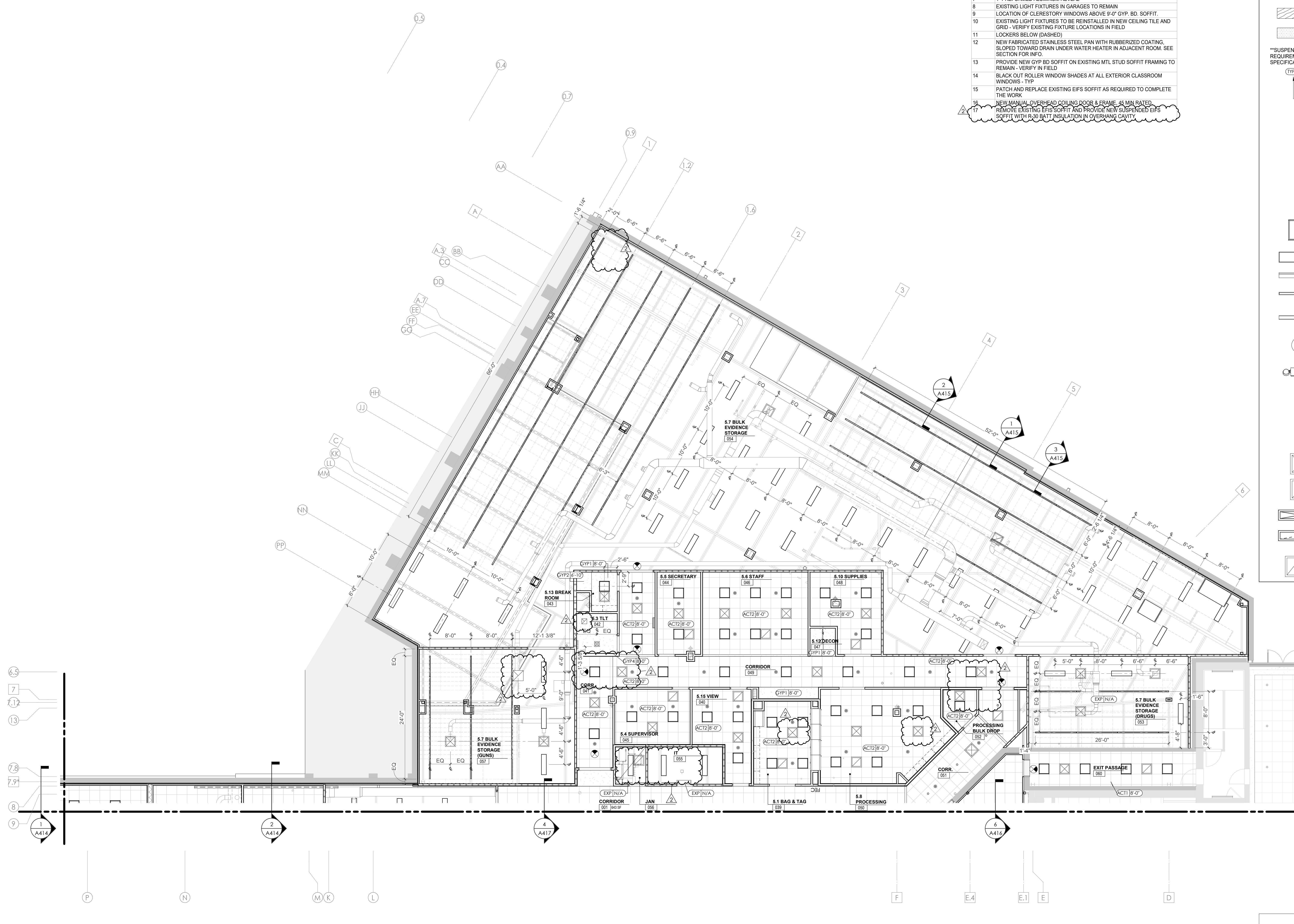
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CA - LEVEL LL3 C RCP

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	SURFACE MOUNT STRIP LIGHT
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CA - LEVEL LL2 A RCP

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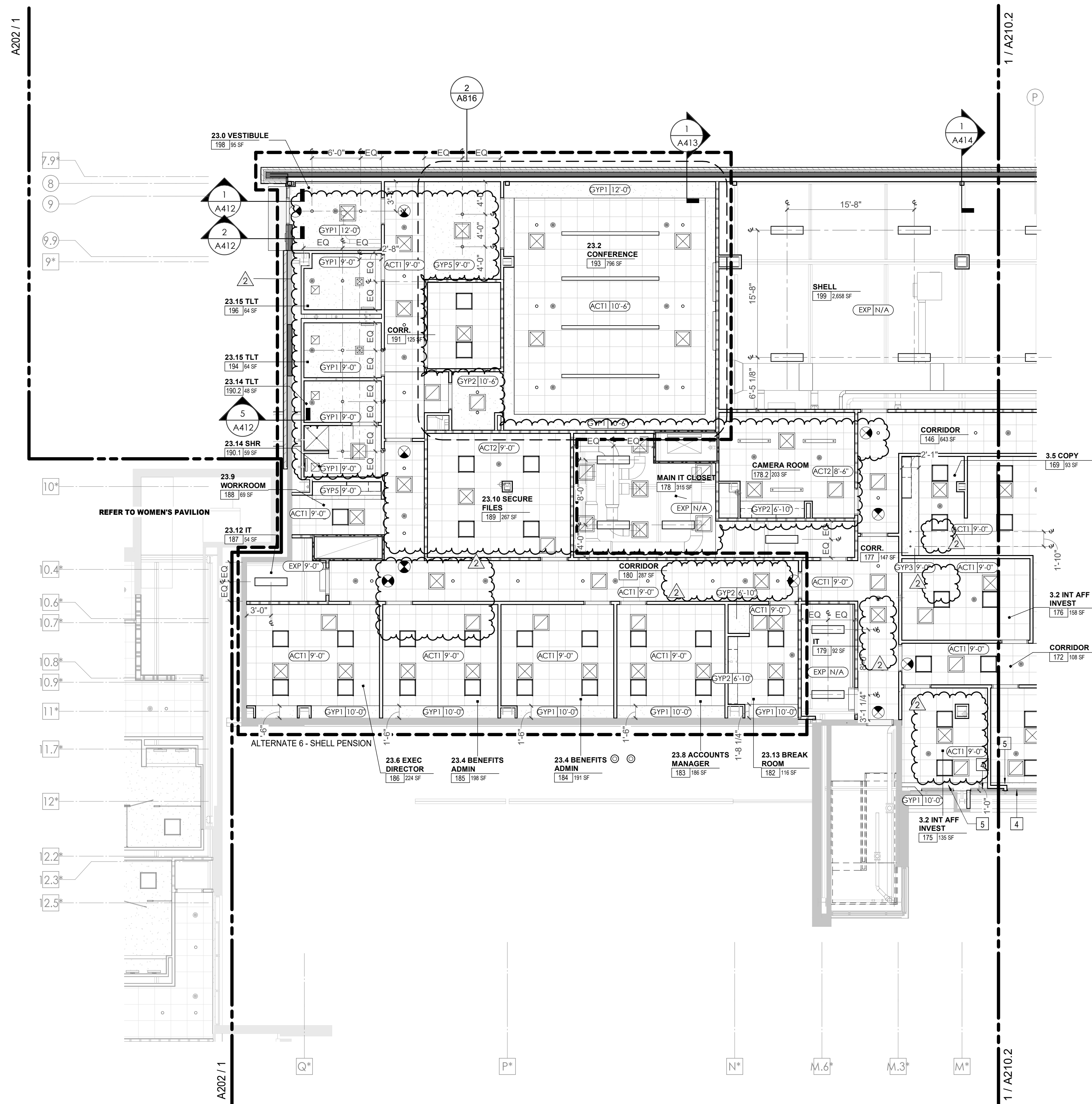
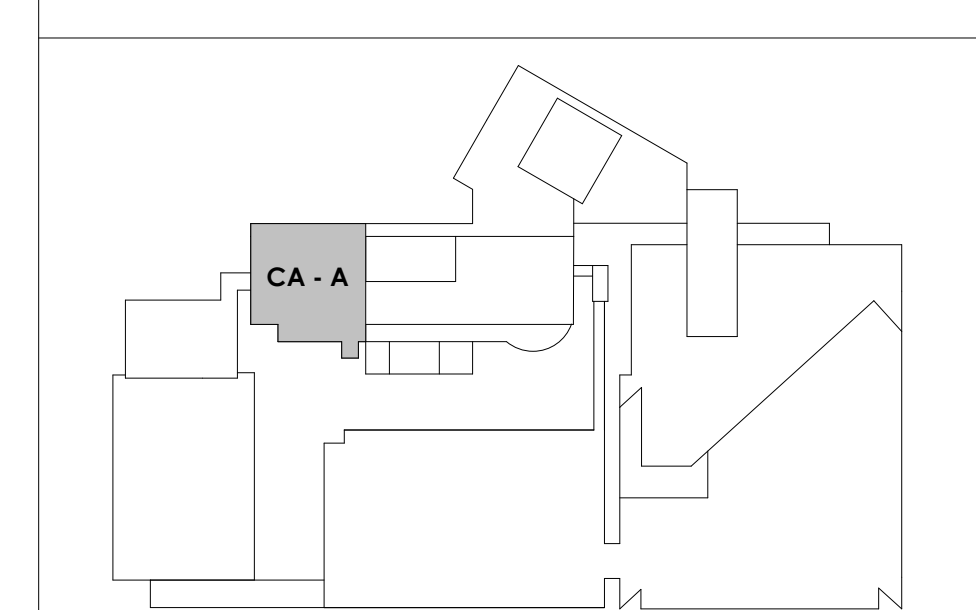
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KEY PLAN





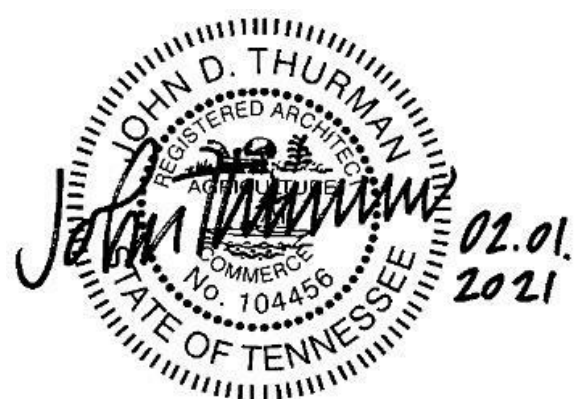
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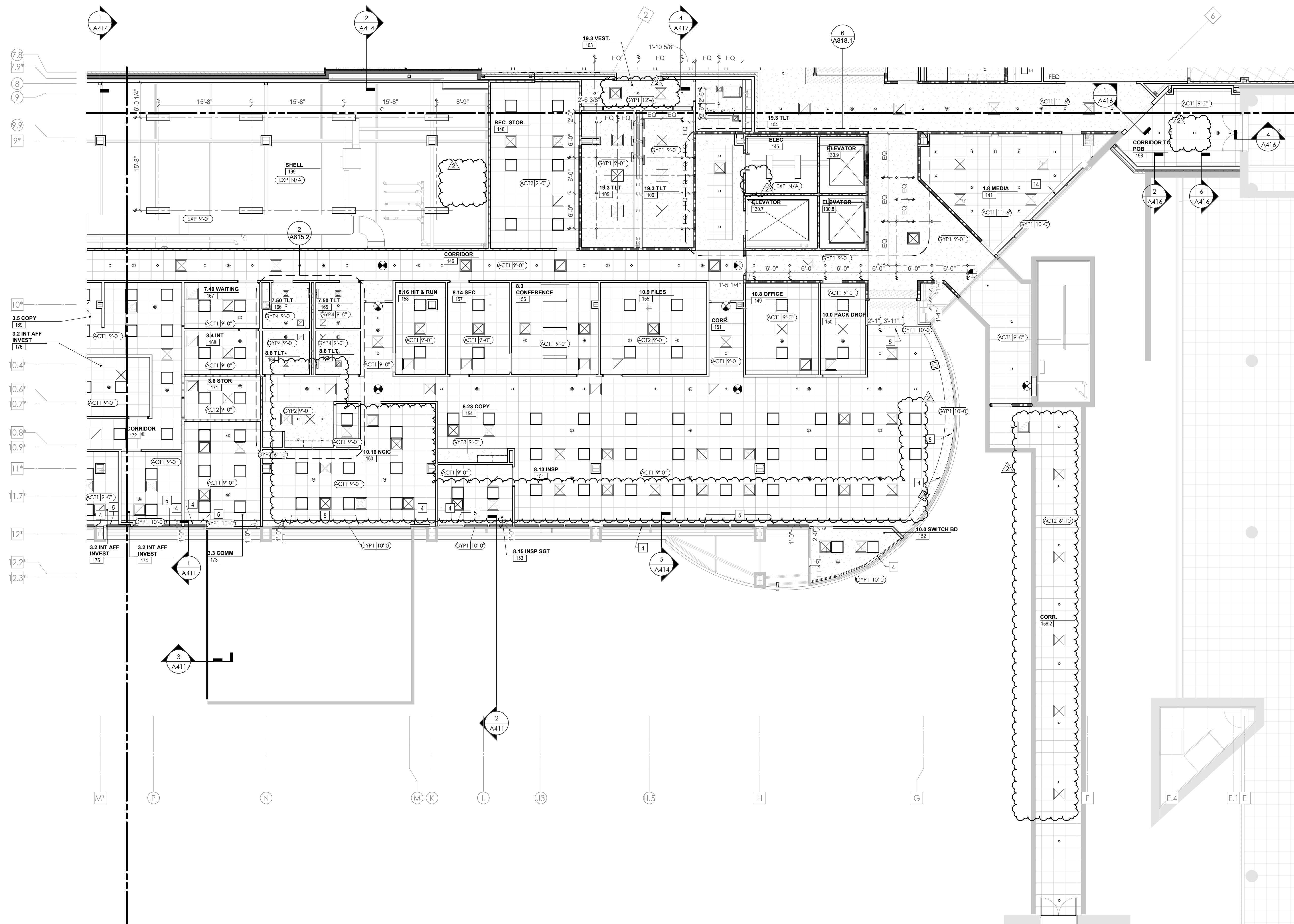
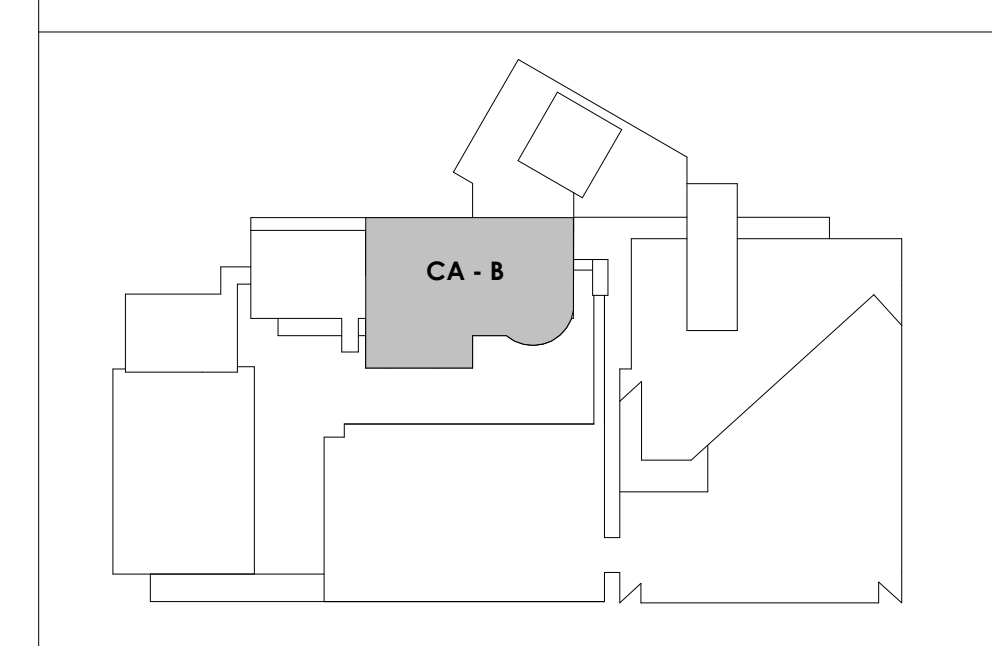
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	EXIT SIGN, SHADED QUADRANTS INDICATE NUMBER OF FACES, PROVIDE DIRECTIONAL ARROWS AS SHOWN.
	EMERGENCY LIGHT
	ED - WET LOCATION EXIT DISCHARGE LIGHT
	CEILING MOUNTED SPEAKER
	SPRINKLER HEAD, CENTER IN CEILING TILE (JWD)
	HVAC CEILING SUPPLY
	HVAC CEILING 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

KEY PLAN





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

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

Drawing Info:

A211.3

CA - LEVEL LL2 C RCP

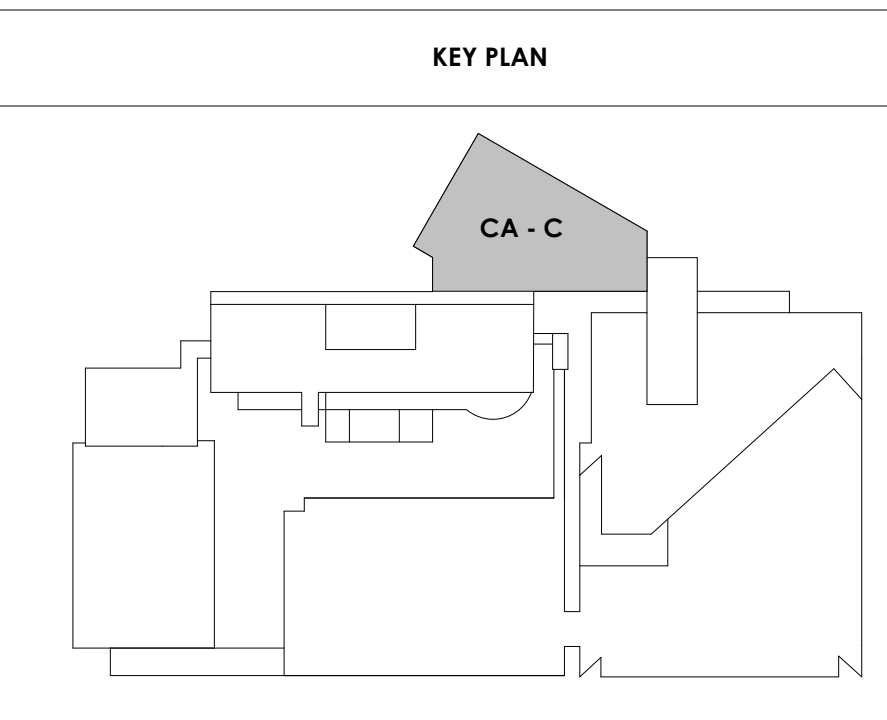
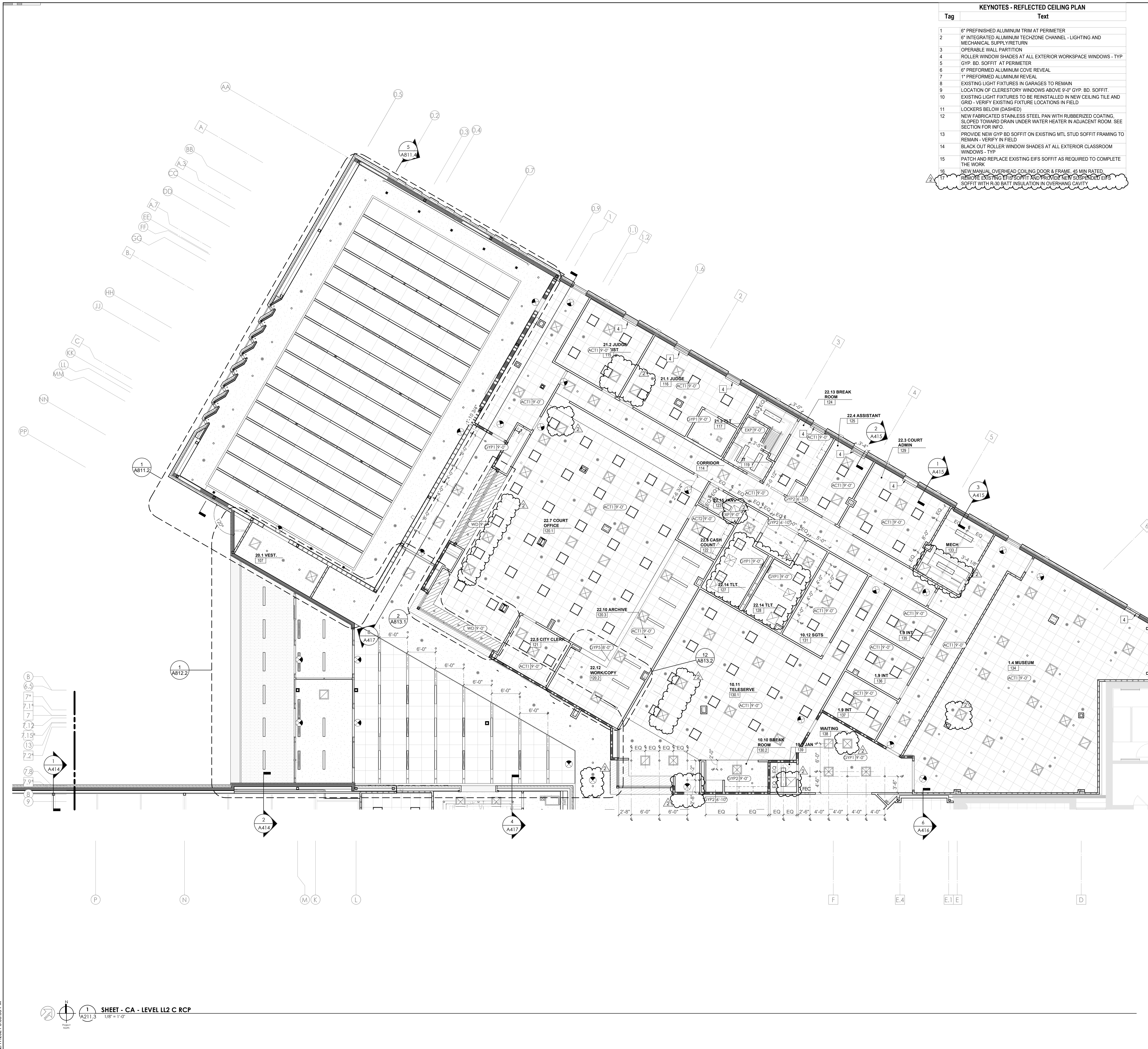
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KEYNOTES - REFLECTED CEILING PLAN

Tag	Text
1	6" PREFINISHED ALUMINUM TRIM AT PERIMETER
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16	NEW MANUAL OVER-HEAD COILING DOOR & FRAME, 45 MIN RATED. REMOVE EXISTING EIFS SOFFIT AND PROVIDE NEW SUSPENDED EIFS SOFFIT WITH R-30 BATT INSULATION IN OVERHANG CAVITY

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 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



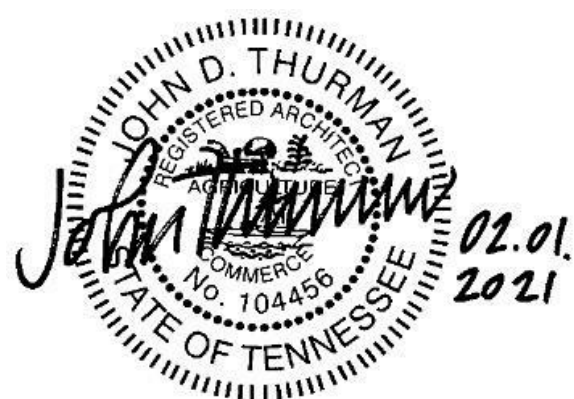


Project Information:

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

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PM: JOHN THURMAN
PA: LAUREN BUSH /
Drawn By: LBU/WADG
Checked By: BP

Drawing Info:

A212.1

CA - LEVEL LL1 A RCP

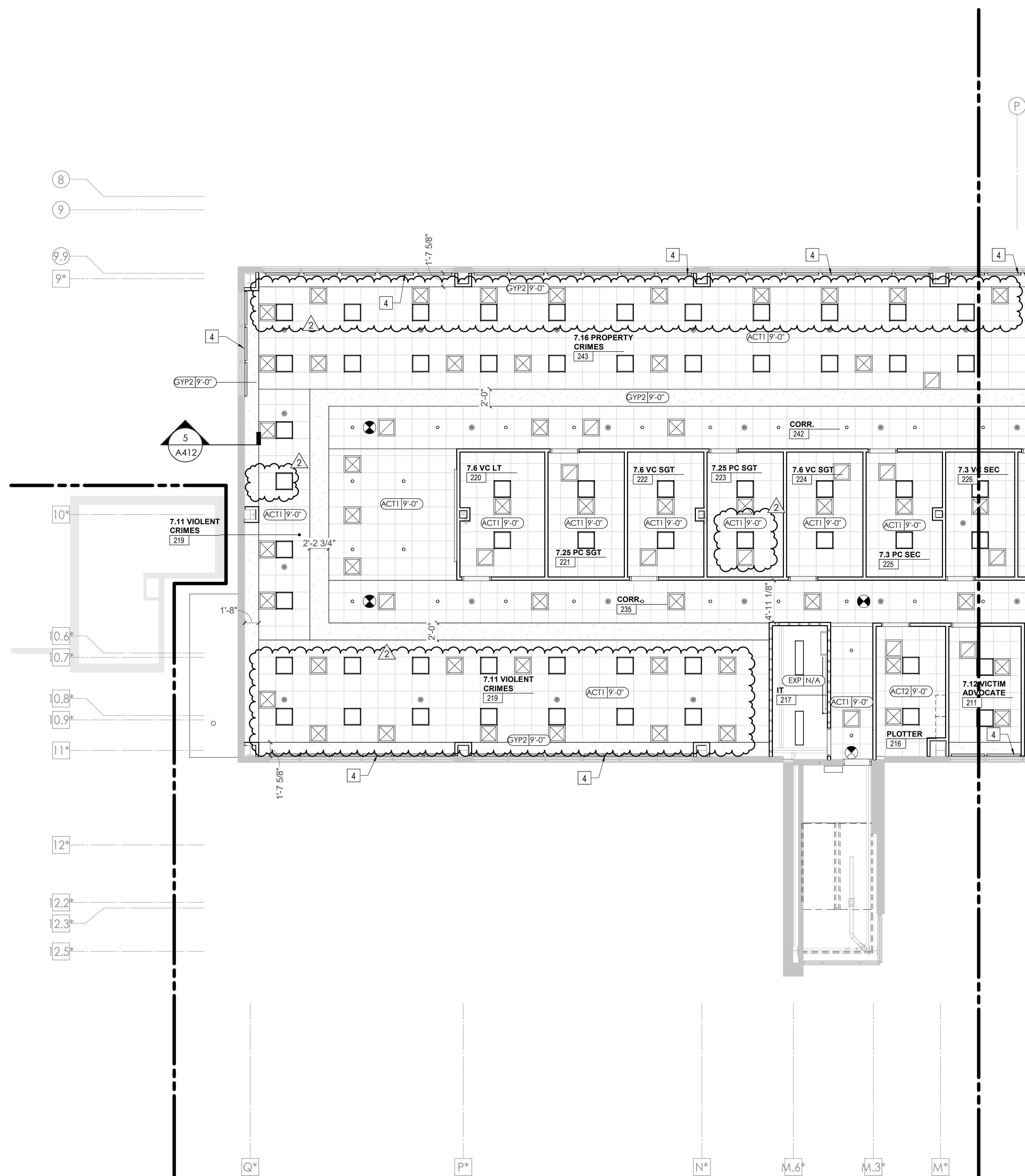
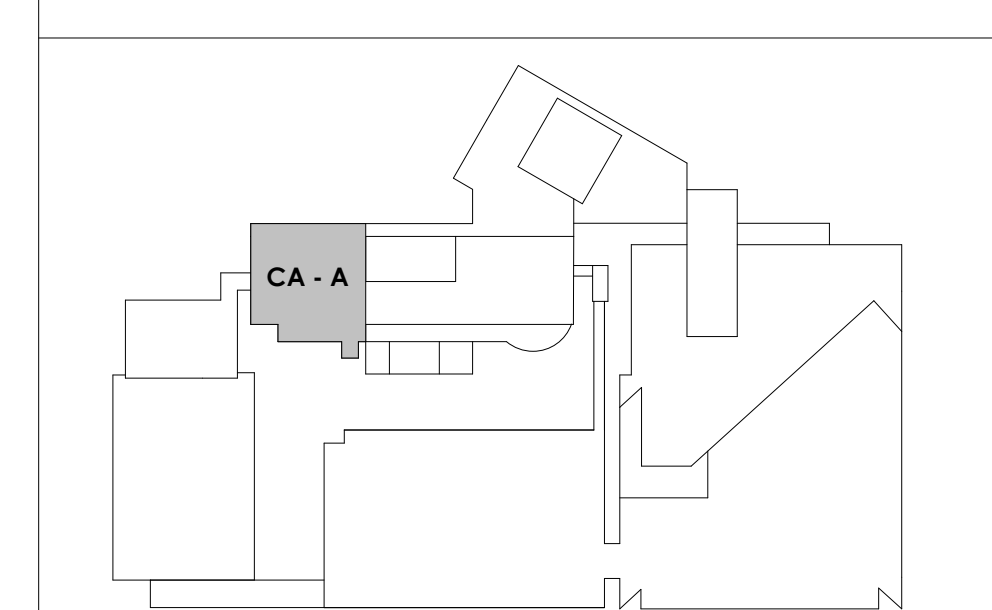
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REFLECTED CEILING PLAN LEGEND	
	24" x 24" ACOUSTICAL CEILING TILE GRID
	44" x 48" ACOUSTICAL CEILING TILE GRID
	GYPSUM BOARD CEILING
	WOOD PANEL CEILING
	EIFS SOFFIT
**SUSPENDED CEILINGS AND GRID TO MEET SEISMIC DESIGN REQUIREMENTS AND ASTM C635 AND ASTM C636 - REFER TO SPECIFICATIONS	
	CEILING TYPE INDICATOR
	CEILING HEIGHT AFF
	CEILING TYPE INDICATION
CEILING TYPES:	
	GYP - GYPSUM BOARD CEILING
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	EXP - EXPOSED TO STRUCTURE
	4" DIA. RECESSED CAN LIGHT
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	4" RECESSED WALL WASH DOWNLIGHT
	RAZOR WALL WASH DOWNLIGHT
	2" x 2" TROFFER
	LED STRIP
	SURFACE MOUNT STRIP LIGHT
	CONTINUOUS LINEAR LED DOWNLIGHT
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	HVAC CEILING RETURN
	HVAC LINEAR SUPPLY
	HVAC LINEAR RETURN
	ACCESS PANEL

KEYNOTES - REFLECTED CEILING PLAN

Tag	Text
1	6" PREFINISHED ALUMINUM TRIM AT PERIMETER
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KEY PLAN





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

Issue Date:	FEBRUARY 01, 2021
PK:	DAVID COLLINS
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PA:	LAUREN BUSH /
Drawn By:	LB/JW/ADG
Checked By:	BP

Drawing Info:

A213.1

CA - LEVEL GROUND A RCP

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

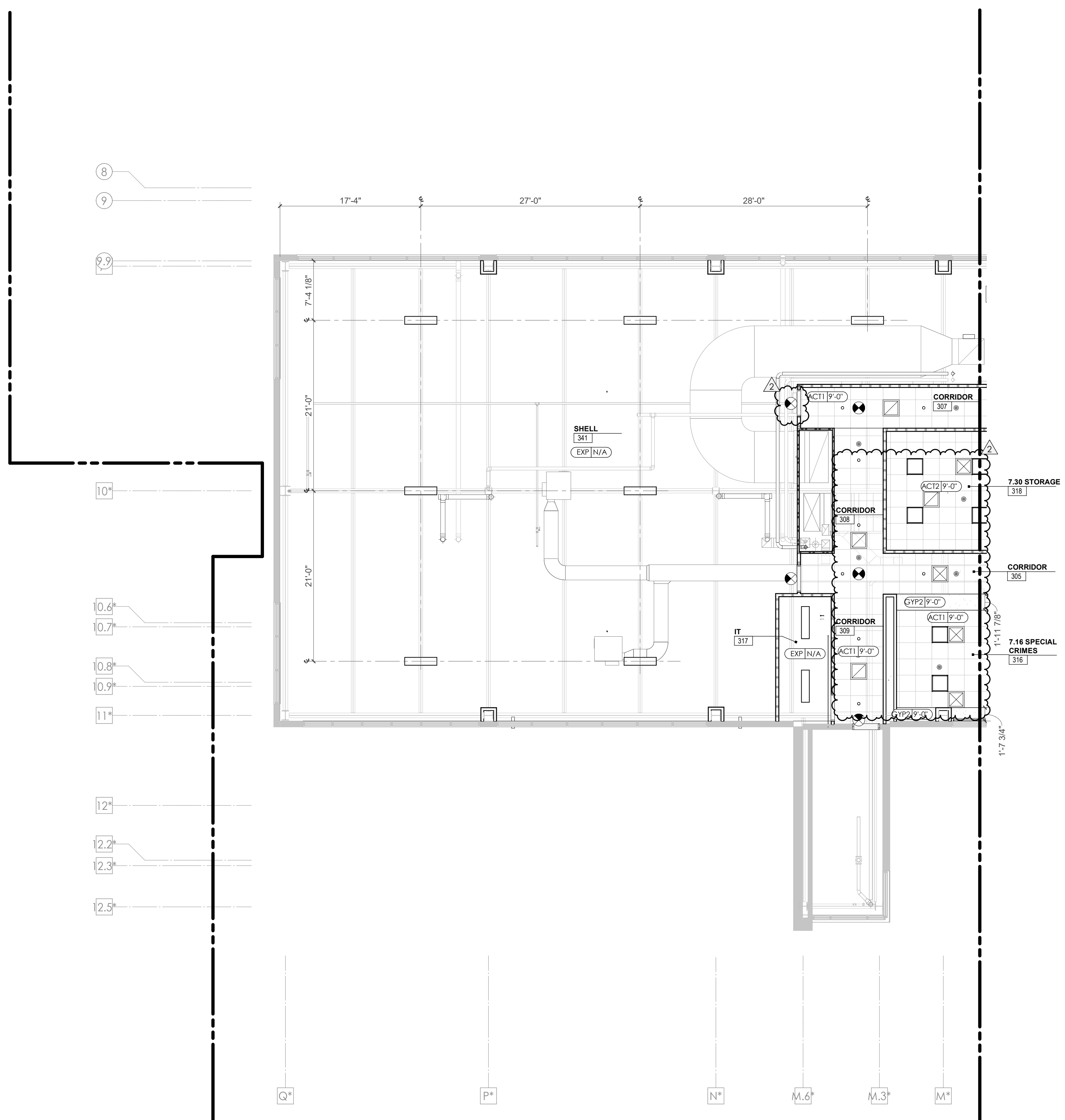
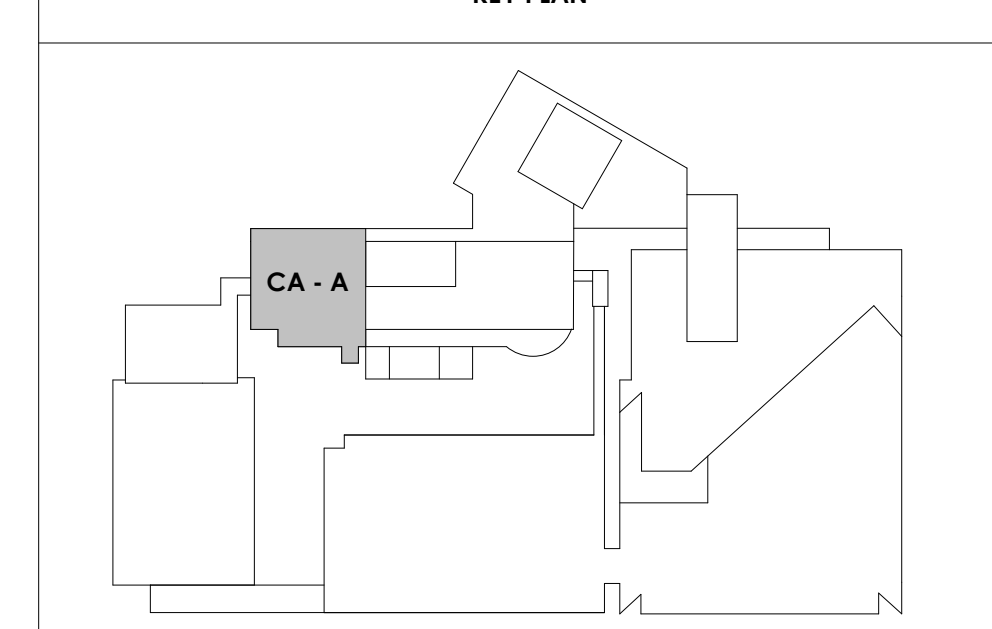
	4" DIA. RECESSED CAN LIGHT
	AIMABLE DOWNLIGHT
	4" RECESSED WALL WASH DOWNLIGHT
	RAZOR WALL WASH DOWNLIGHT
	2' x 2' TROFFER
	LED STRIP
	SURFACE MOUNT STRIP LIGHT
	CONTINUOUS LINEAR LED DOWNLIGHT
	DIRECT-INDIRECT LINEAR PENDANT

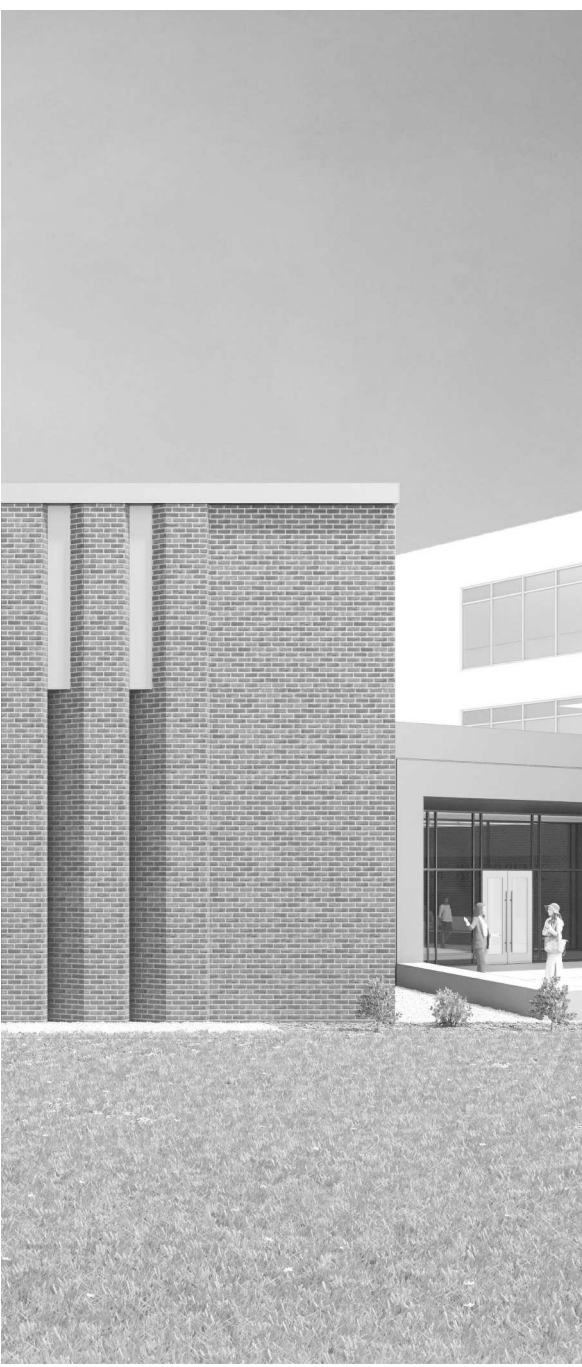
	EXIT SIGN, SHADED QUADRANTS INDICATE NUMBER OF FACES. PROVIDE DIRECTIONAL ARROWS AS SHOWN.
	EMERGENCY LIGHT
	ED - WET LOCATION EXIT DISCHARGE LIGHT
	CEILING MOUNTED SPEAKER
	SPRINKLER HEAD, CENTER IN CEILING TILE (UNO)
	HVAC CEILING SUPPLY
	HVAC CEILING RETURN
	HVAC LINEAR SUPPLY
	HVAC LINEAR RETURN
	ACCESS PANEL

KEYNOTES - REFLECTED CEILING PLAN

Tag	Text
1	6" PREFINISHED ALUMINUM TRIM AT PERIMETER
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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
2	ADD #2.1	02/17/21

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PIC:	DAVID COLLINS
PM:	JOHN THURMAN
PA:	LAUREN BUSH /
Drawn By:	Author
Checked By:	BP

Drawing Info:

A220

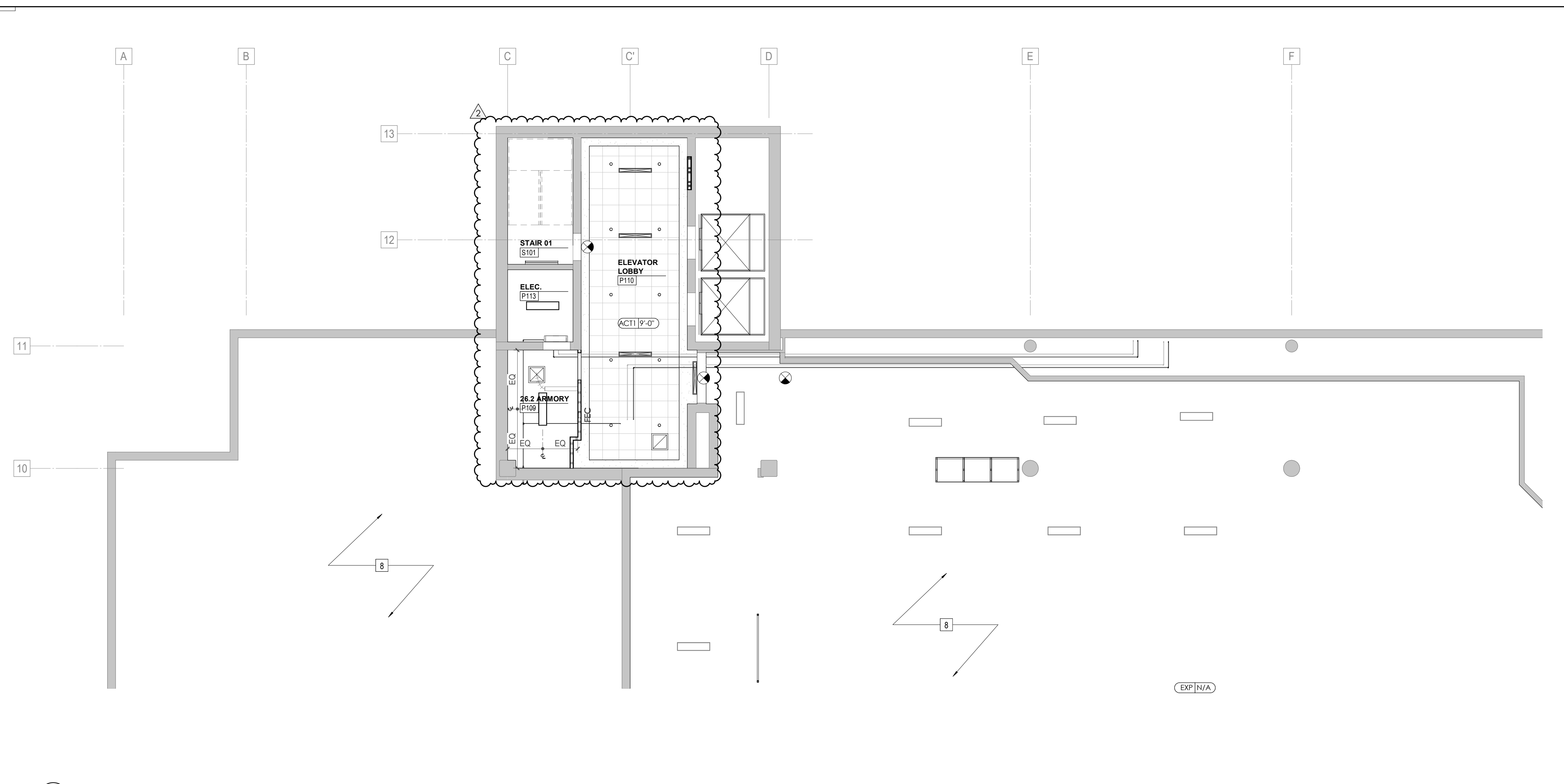
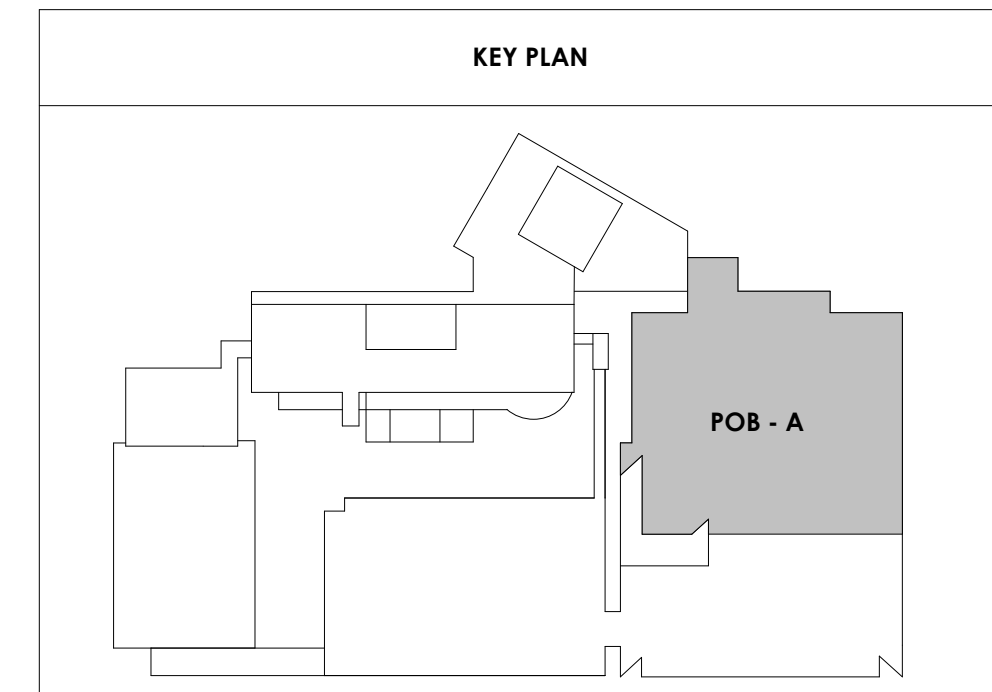
POB - P1, P2, P3
PARKING GARAGE
RCPS

REFLECTED CEILING PLAN LEGEND

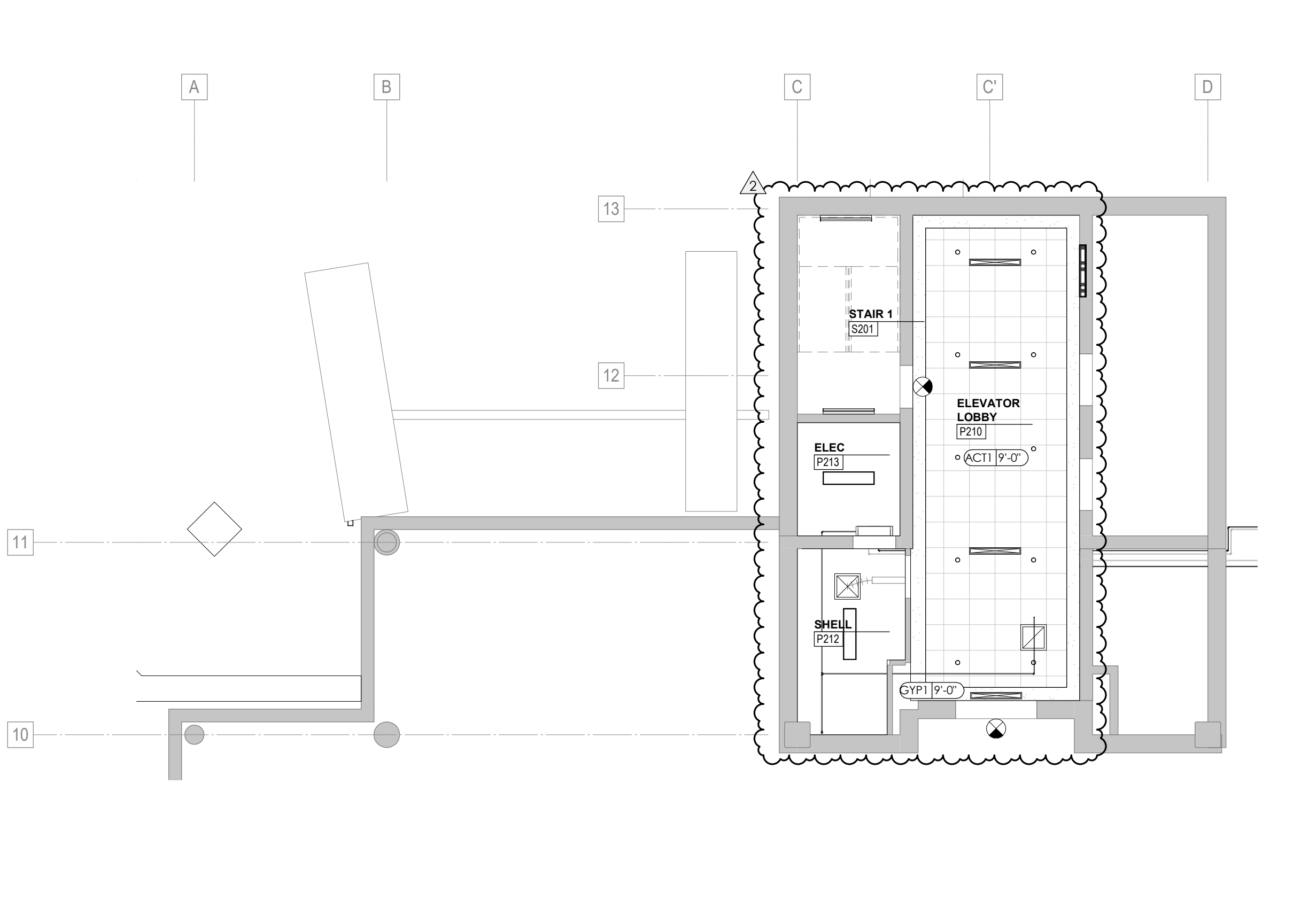
	24" x 24" ACOUSTICAL CEILING TILE GRID
	44" x 48" ACOUSTICAL CEILING TILE GRID
	GYP-SUM BOARD CEILING
	WOOD PANEL CEILING
	EIFS SOFFIT
**SUSPENDED CEILINGS AND GRID TO MEET SEISMIC DESIGN REQUIREMENTS AND ASTM C635 AND ASTM C636 - REFER TO SPECIFICATIONS	
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	CEILING HEIGHT AFF
	CEILING TYPE INDICATION
CEILING TYPES:	
	GYP - GYP-SUM 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

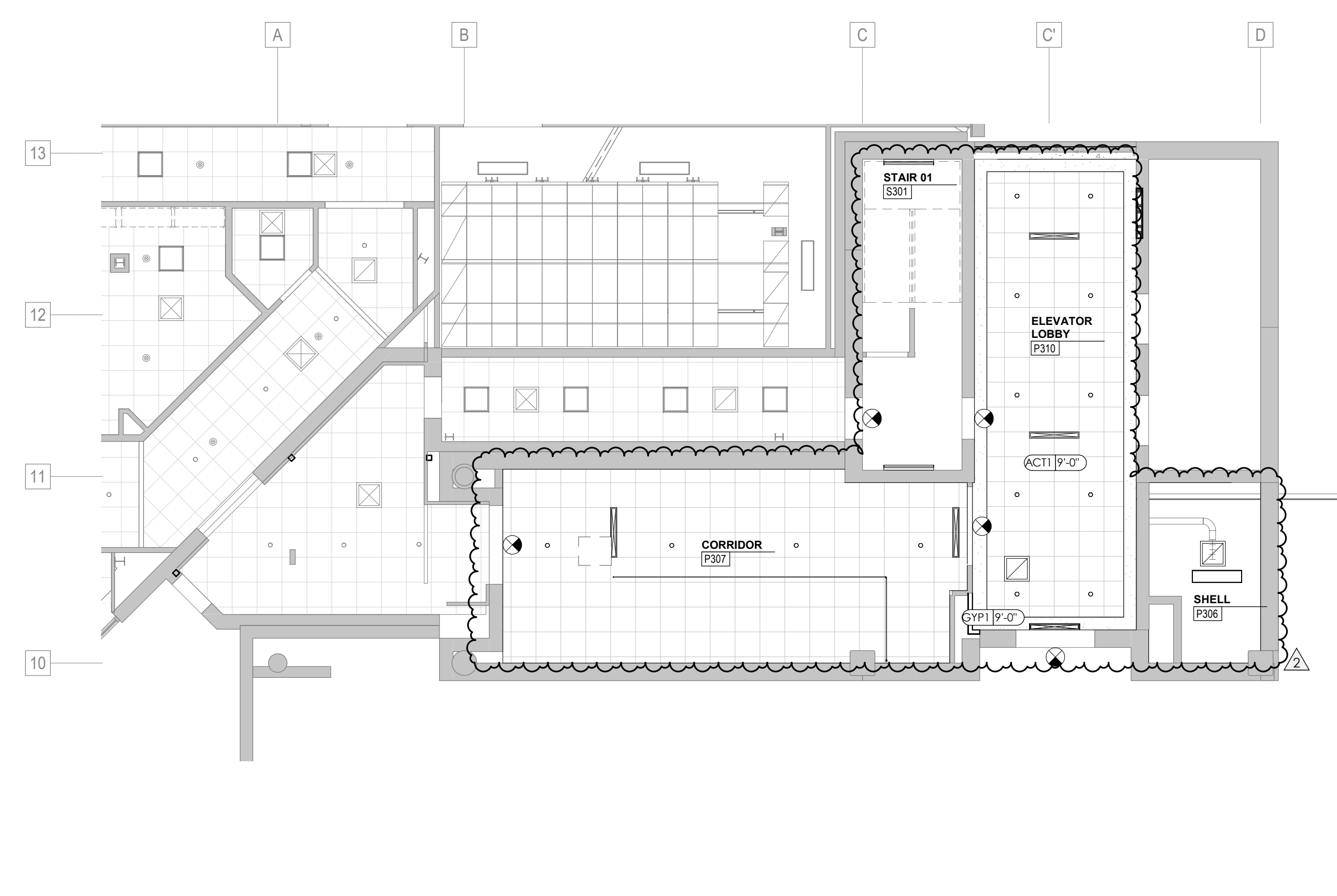
Tag	Text
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16	NEW MANUAL OVERHEAD COILING DOOR & FRAME AS MIN. RATED
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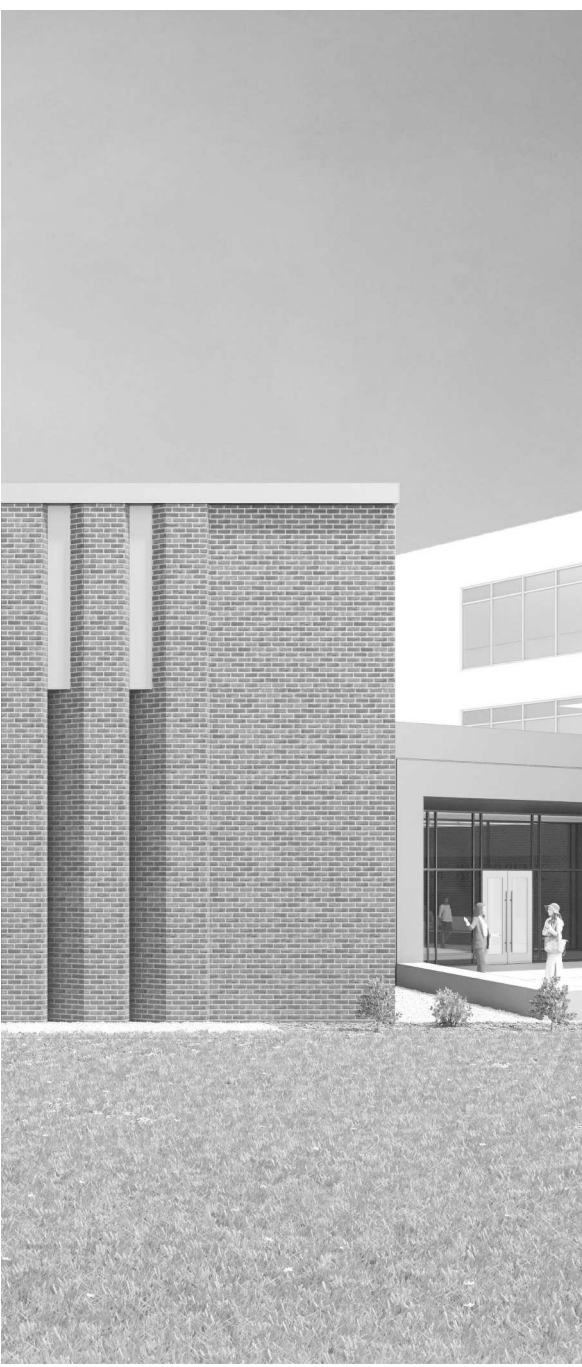
2 POB - PARKING LEVEL P1 A PARTIAL RCPS
1/8" = 1'-0"



3 POB - PARKING LEVEL P2 A RCPS
1/8" = 1'-0"



1 POB - PARKING LEVEL P3 A PARTIAL RCPS
1/8" = 1'-0"



Project Information:

19018

COK SAFETY BUILDING

900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:

Architects Design Group

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

Drawing Info:

A223

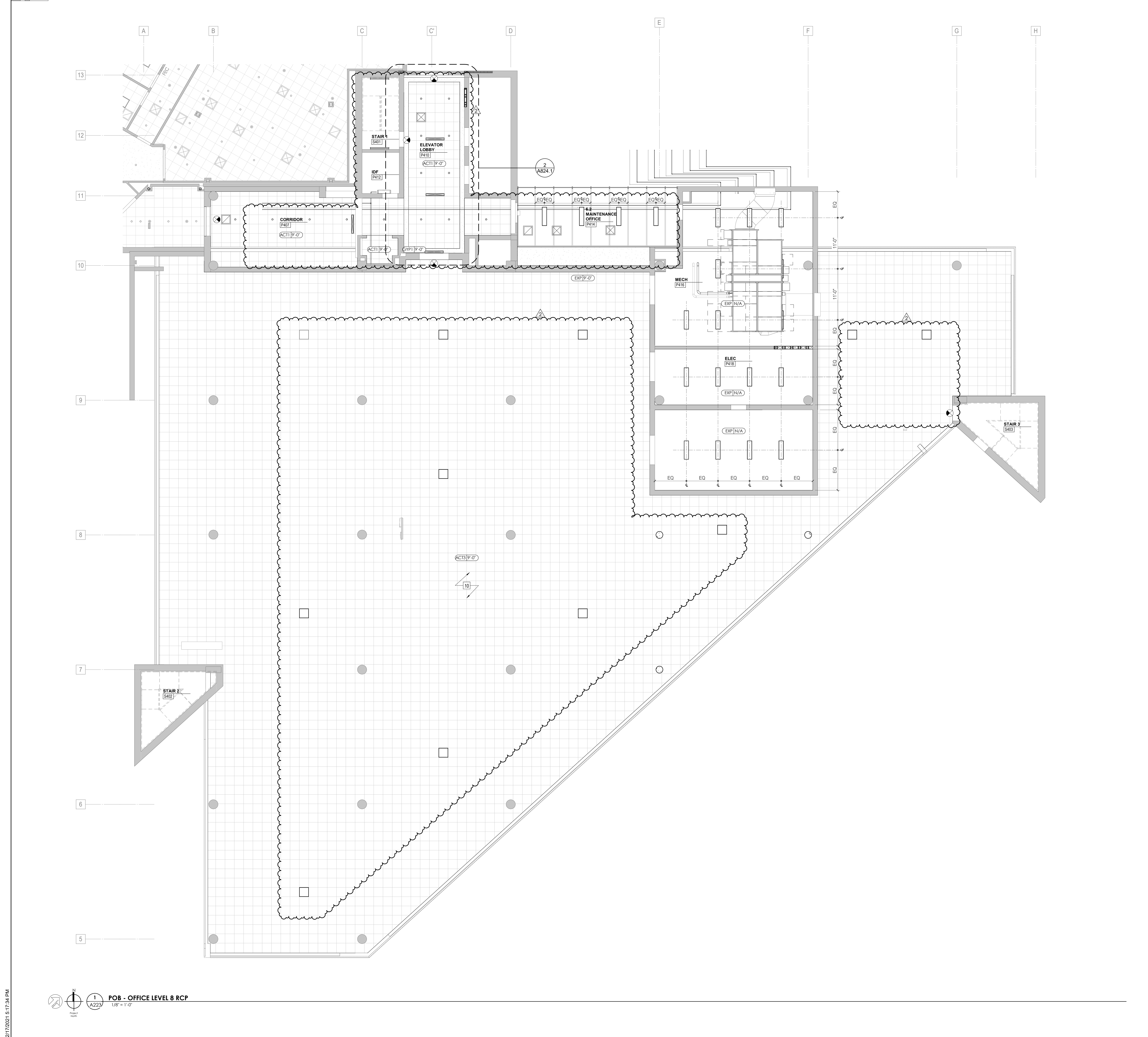
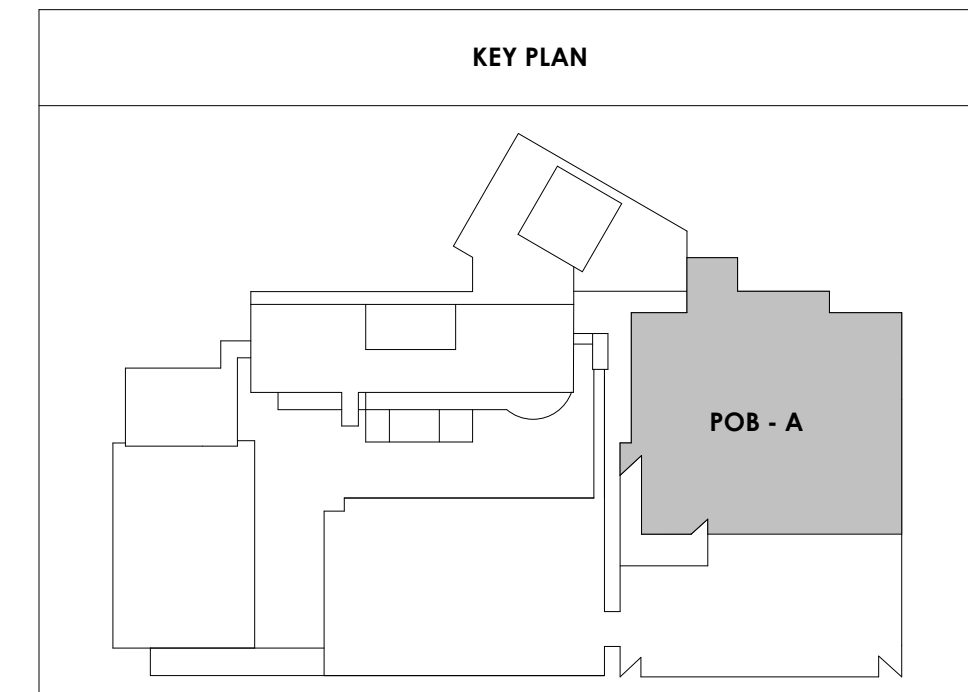
POB - PARKING LEVEL
P4 RCP

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
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	EXP - EXPOSED TO STRUCTURE
	4" DIA. RECESSED CAN LIGHT
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	RAZOR WALL WASH DOWNLIGHT
	2" x 2" TROFFER
	LED STRIP
	SURFACE MOUNT STRIP LIGHT
	CONTINUOUS LINEAR LED DOWNLIGHT
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	EXIT SIGN, SHADED QUADRANTS INDICATE NUMBER OF FACES. PROVIDE DIRECTIONAL ARROWS AS SHOWN.
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	ACCESS PANEL

KEYNOTES - REFLECTED CEILING PLAN

Tag	Text
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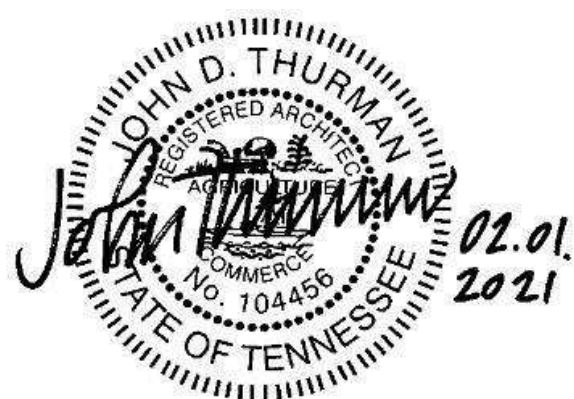
Project Information:

19018

COK SAFETY BUILDING

900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:

Architects Design Group

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 PIC: DAVID COLLINS
 PM: JOHN THURMAN
 PA: LAUREN BUSH /
 Drawn By: Author
 Checked By: BP

Drawing Info:

A224

POB - OFFICE LEVEL 5
RCP

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

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- CEILING HEIGHT AFF
- CEILING TYPE INDICATION

CEILING TYPES:

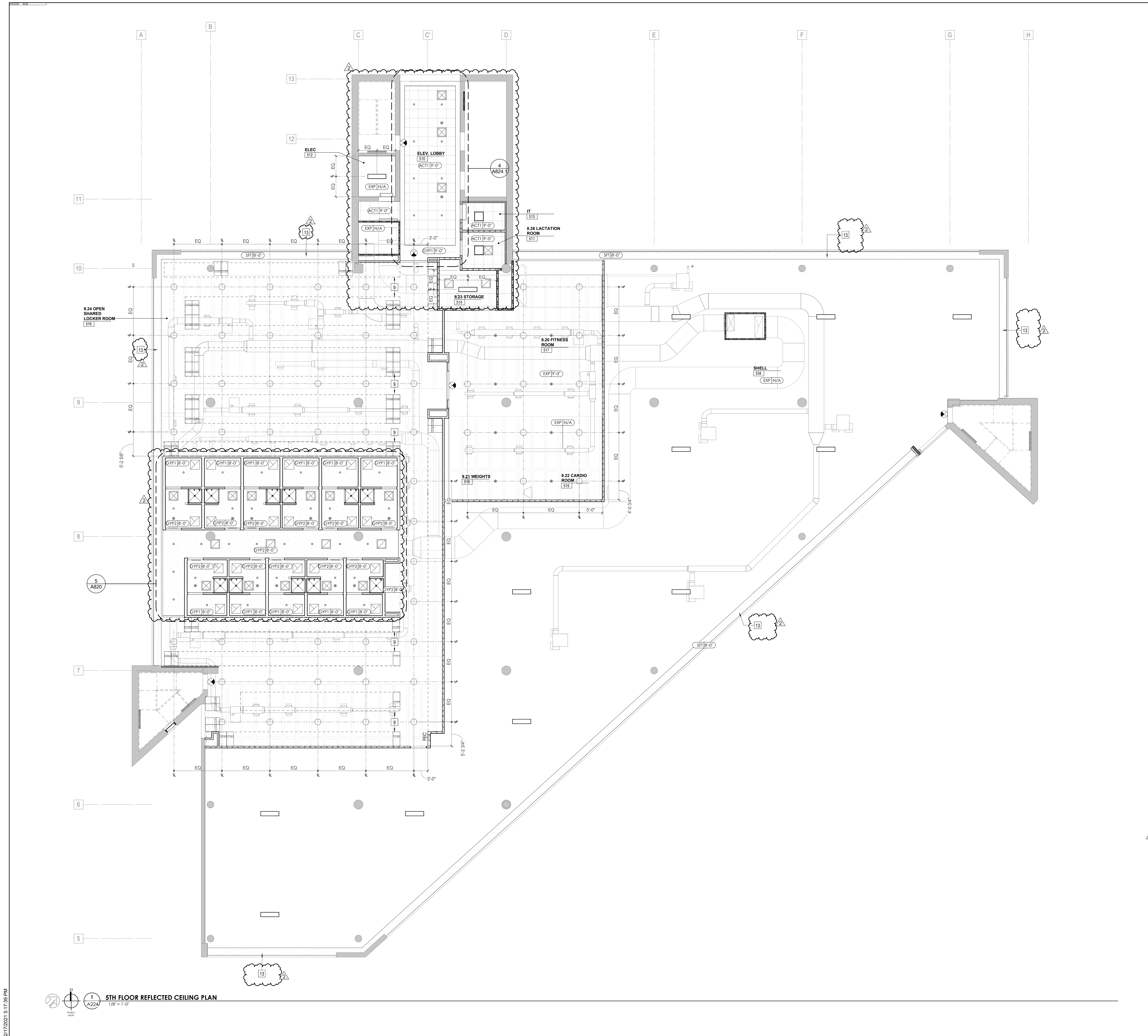
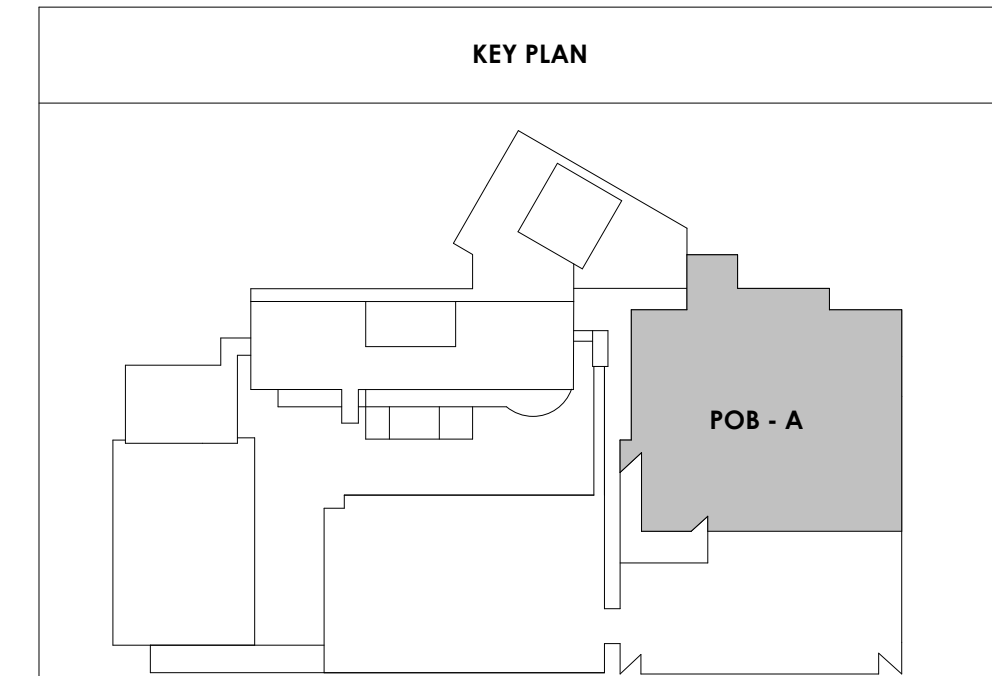
- GYP - GYPSUM BOARD CEILING
- ACT - ACOUSTICAL TILE CEILING
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- EXP - EXPOSED TO STRUCTURE

- 4" DIA. RECESSED CAN LIGHT
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- RAZOR WALL WASH DOWNLIGHT
- 2" x 2" TROFFER
- LED STRIP
- SURFACE MOUNT STRIP LIGHT
- CONTINUOUS LINEAR LED DOWNLIGHT
- DIRECT-INDIRECT LINEAR PENDANT

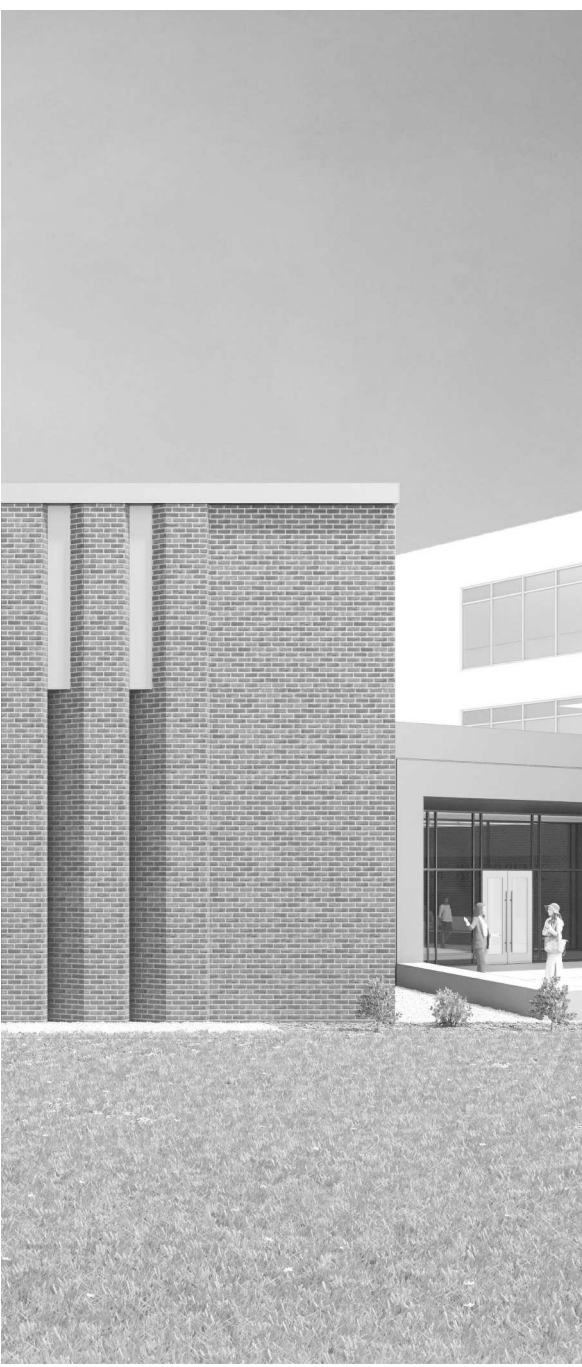
- EXIT SIGN, SHADED QUADRANTS INDICATE NUMBER OF FACES. PROVIDE DIRECTIONAL ARROWS AS SHOWN.
- EMERGENCY LIGHT
- ED - WET LOCATION EXIT DISCHARGE LIGHT
- CEILING MOUNTED SPEAKER
- SPRINKLER HEAD, CENTER IN CEILING TILE (UNO)
- HVAC CEILING SUPPLY
- HVAC CEILING RETURN
- HVAC LINEAR SUPPLY
- HVAC LINEAR 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.



1 5TH FLOOR REFLECTED CEILING 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
2	ADD #02.1	02/17/21

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

Drawing Info:

A225

POB - OFFICE LEVEL 6
RCP

REFLECTED CEILING PLAN LEGEND

- 24" x 24" ACOUSTICAL CEILING TILE GRID
- 44" x 48" ACOUSTICAL CEILING TILE GRID
- GYPSON 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:

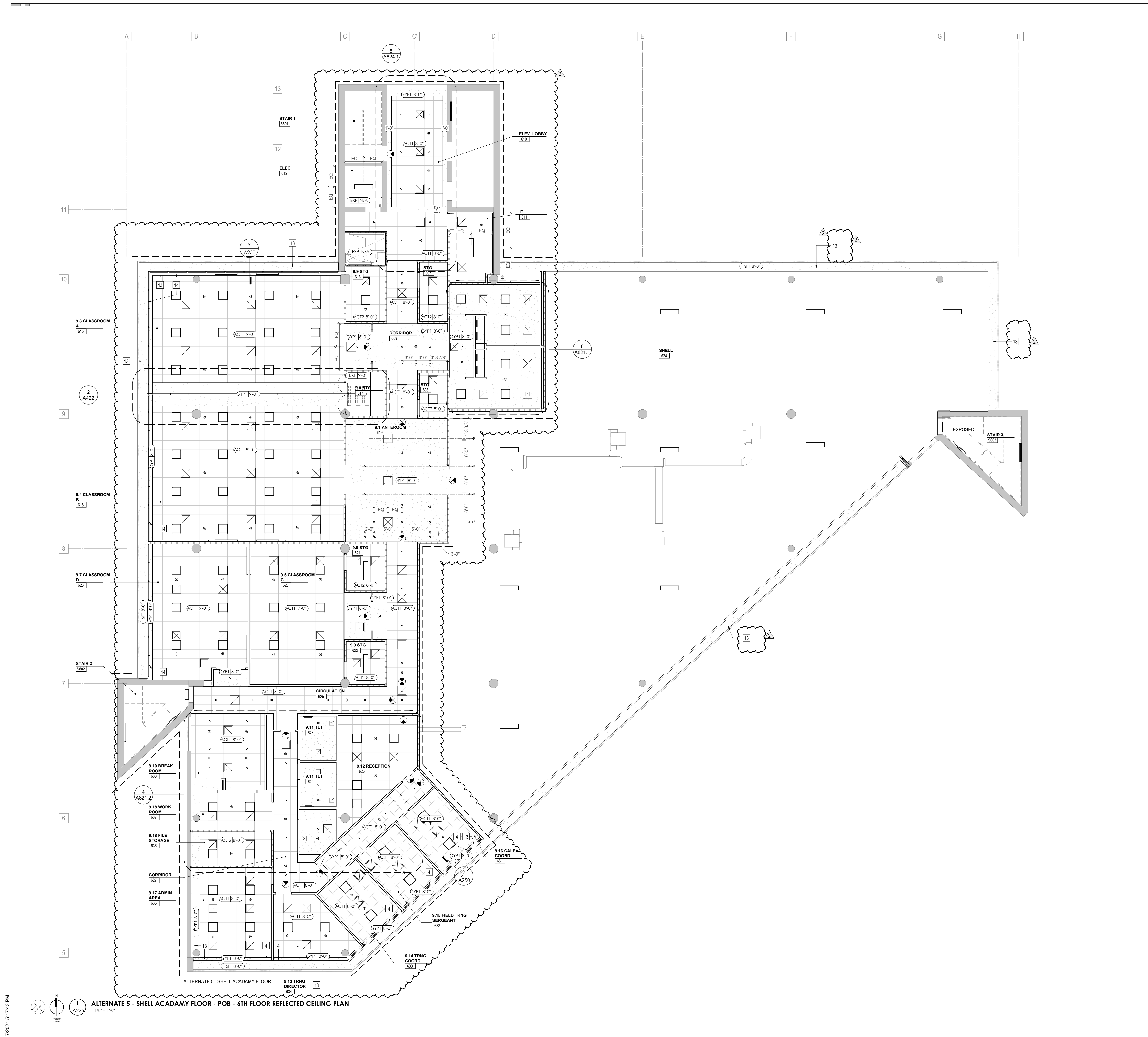
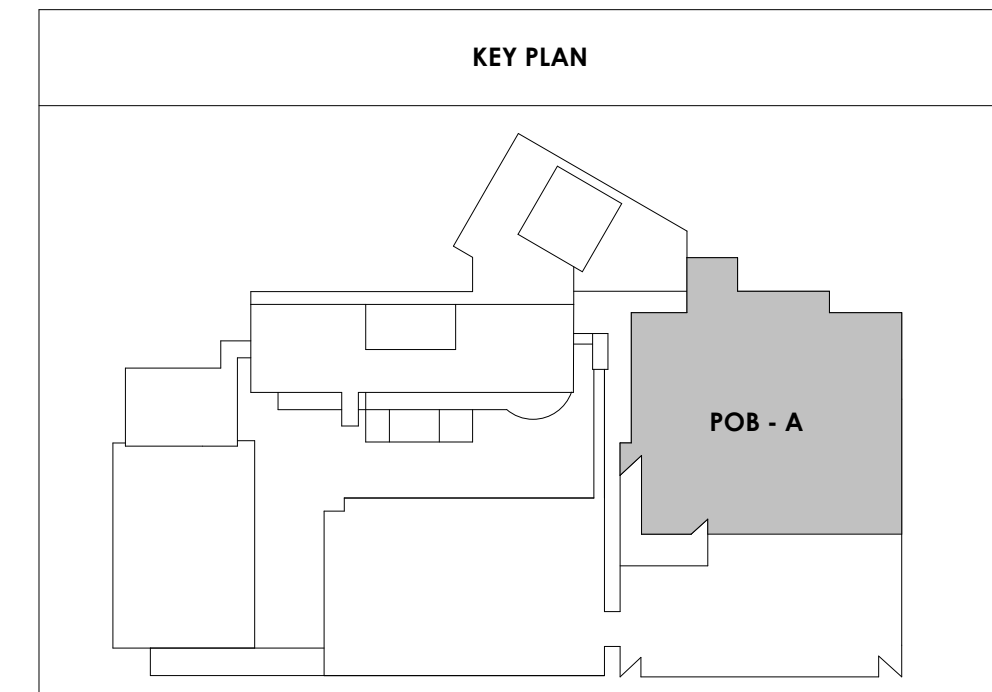
- GYP - GYPSON BOARD CEILING
- ACT - ACOUSTICAL TILE CEILING
- MTL - METAL PANEL SOFFIT
- EXP - EXPOSED TO STRUCTURE

- 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

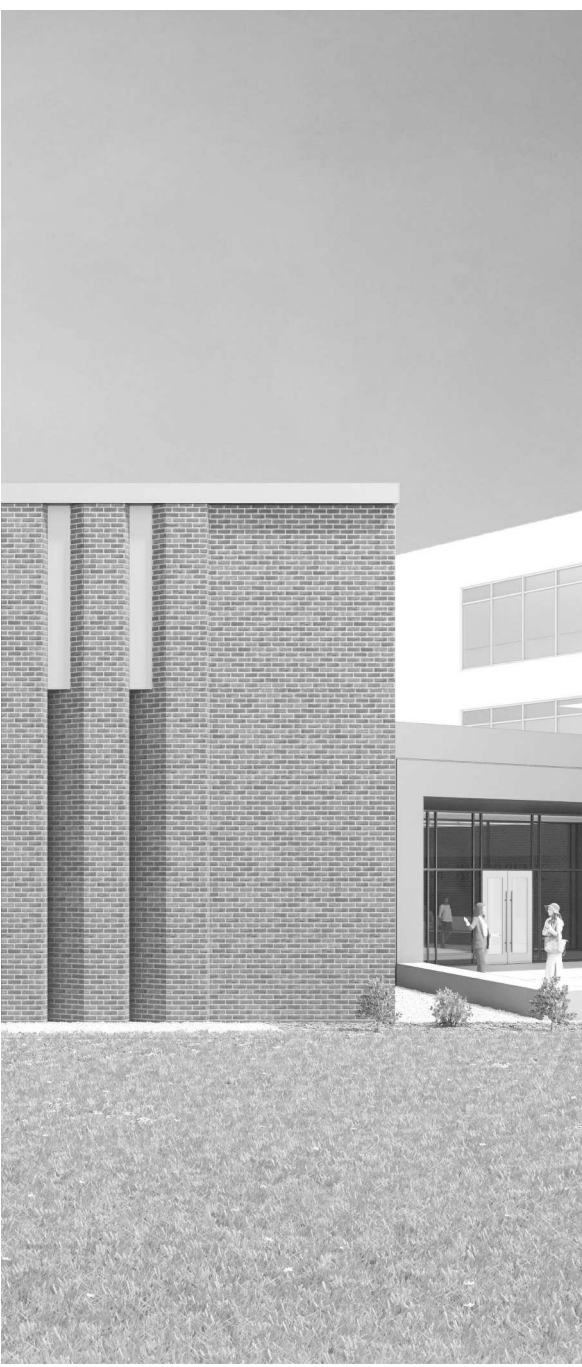
- EXIT SIGN, SHADED QUADRANTS INDICATE NUMBER OF FACES. PROVIDE DIRECTIONAL ARROWS AS SHOWN.
- EMERGENCY LIGHT
- ED - WET LOCATION EXIT DISCHARGE LIGHT
- CEILING MOUNTED SPEAKER
- SPRINKLER HEAD, CENTER IN CEILING TILE (JWC)
- HVAC CEILING SUPPLY
- HVAC CEILING RETURN
- HVAC LINEAR SUPPLY
- HVAC LINEAR 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. EXISTING LIGHT FIXTURES TO BE REINSTALLED IN NEW CEILING TILE AND GRID - VERIFY EXISTING FIXTURE LOCATIONS IN FIELD
10	EXISTING LIGHT FIXTURES TO BE REINSTALLED IN NEW CEILING TILE AND GRID - VERIFY EXISTING FIXTURE LOCATIONS IN FIELD
11	LOCKERS BELOW (DASHED)
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15	PATCH AND REPLACE EXISTING EIFS SOFFIT AS REQUIRED TO COMPLETE THE WORK
16	NEW MANUAL OVERHEAD COILING DOOR & FRAME, ALUM. RATED
17	REMOVE EXISTING EIFS SOFFIT AND PROVIDE NEW SUSPENDED EIFS SOFFIT WITH R-30 BATT INSULATION IN OVERHANG CAVITY.



2/17/2021 5:17:43 PM
1
A225
ALTERNATE 5 - SHELL ACADEMY FLOOR - POB - 6TH FLOOR REFLECTED CEILING PLAN
1/8" = 1'-0"



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 PIC: DAVID COLLINS
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 PA: LAUREN BUSH /
 Drawn By: Author
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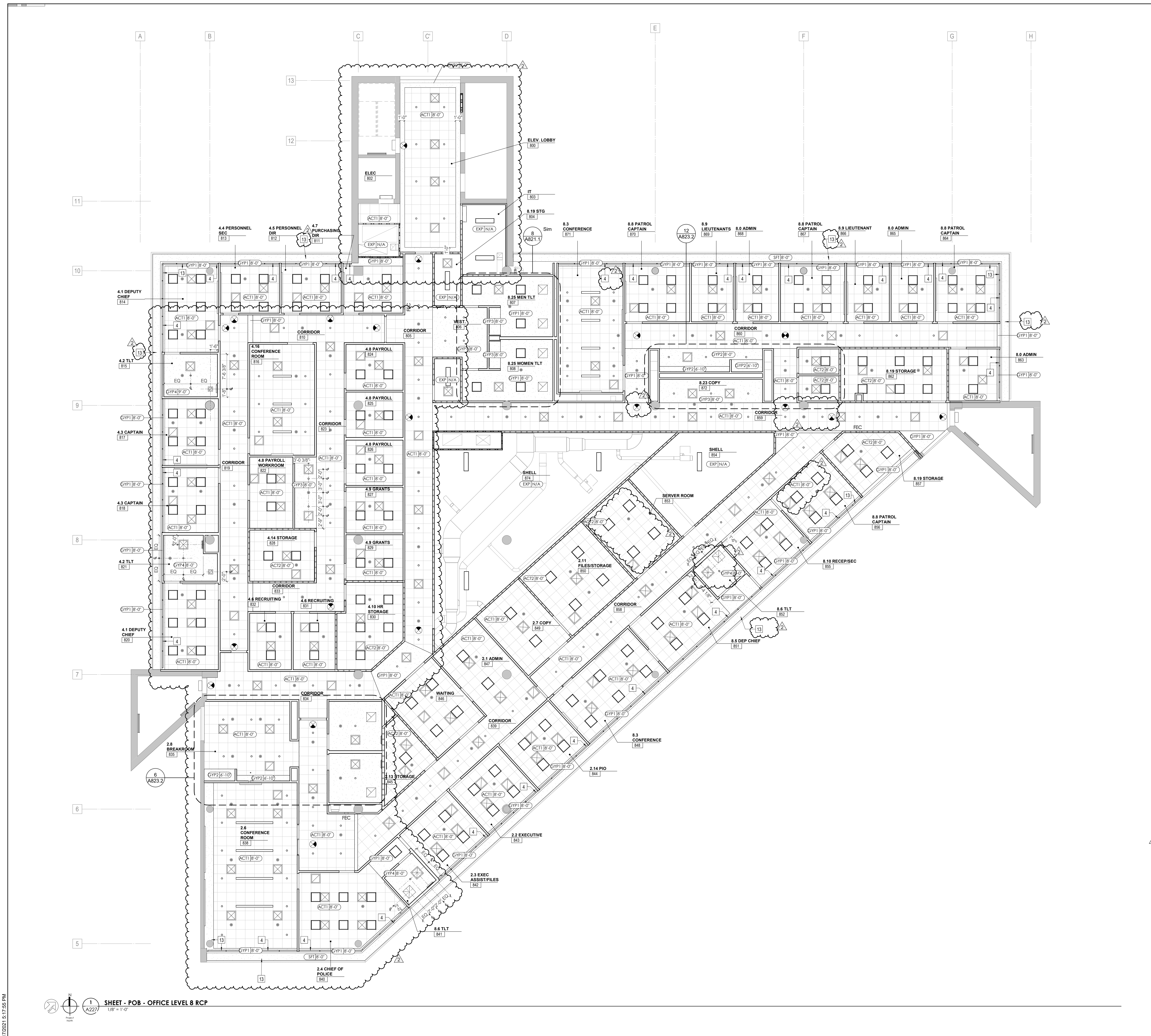
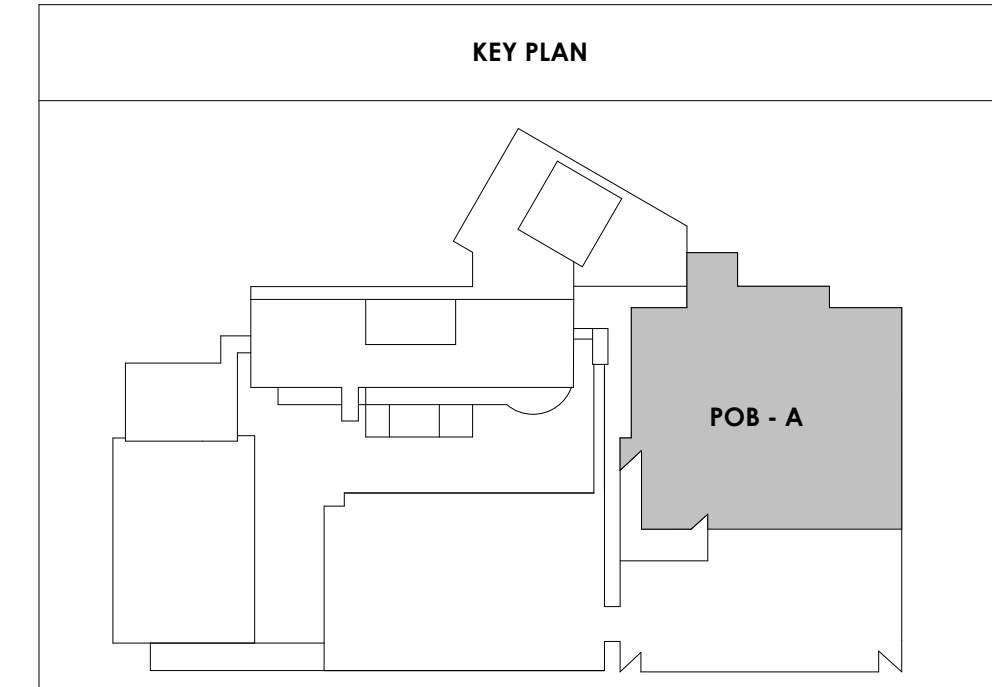
POB - OFFICE LEVEL 8
RCP

REFLECTED CEILING PLAN LEGEND

	24" x 24" ACOUSTICAL CEILING TILE GRID
	44" x 48" ACOUSTICAL CEILING TILE GRID
	GYPHUM BOARD CEILING
	WOOD PANEL CEILING
	EIFS SOFFIT
	CEILING TYPE INDICATOR
	CEILING HEIGHT AFF
	CEILING TYPE INDICATION
CEILING TYPES:	
	GYP - GYPHUM 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 (JWC)
	HVAC CEILING SUPPLY
	HVAC CEILING RETURN
	HVAC LINEAR SUPPLY
	HVAC LINEAR RETURN
	ACCESS PANEL

KEYNOTES - REFLECTED CEILING PLAN

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16	NEW MANUAL OVERHEAD COLLIS DOOR & FRAME AS MIN. RATED
17	REMOVE EXISTING EIFS SOFFIT AND PROVIDE NEW SUSPENDED EIFS SOFFIT WITH R-30 BATT INSULATION IN OVERHANG CAVITY.





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PI: DAVID COLLINS

PM: JOHN THURMAN

PA: LAUREN BUSH /

Drawn By: Author

Checked By: BP

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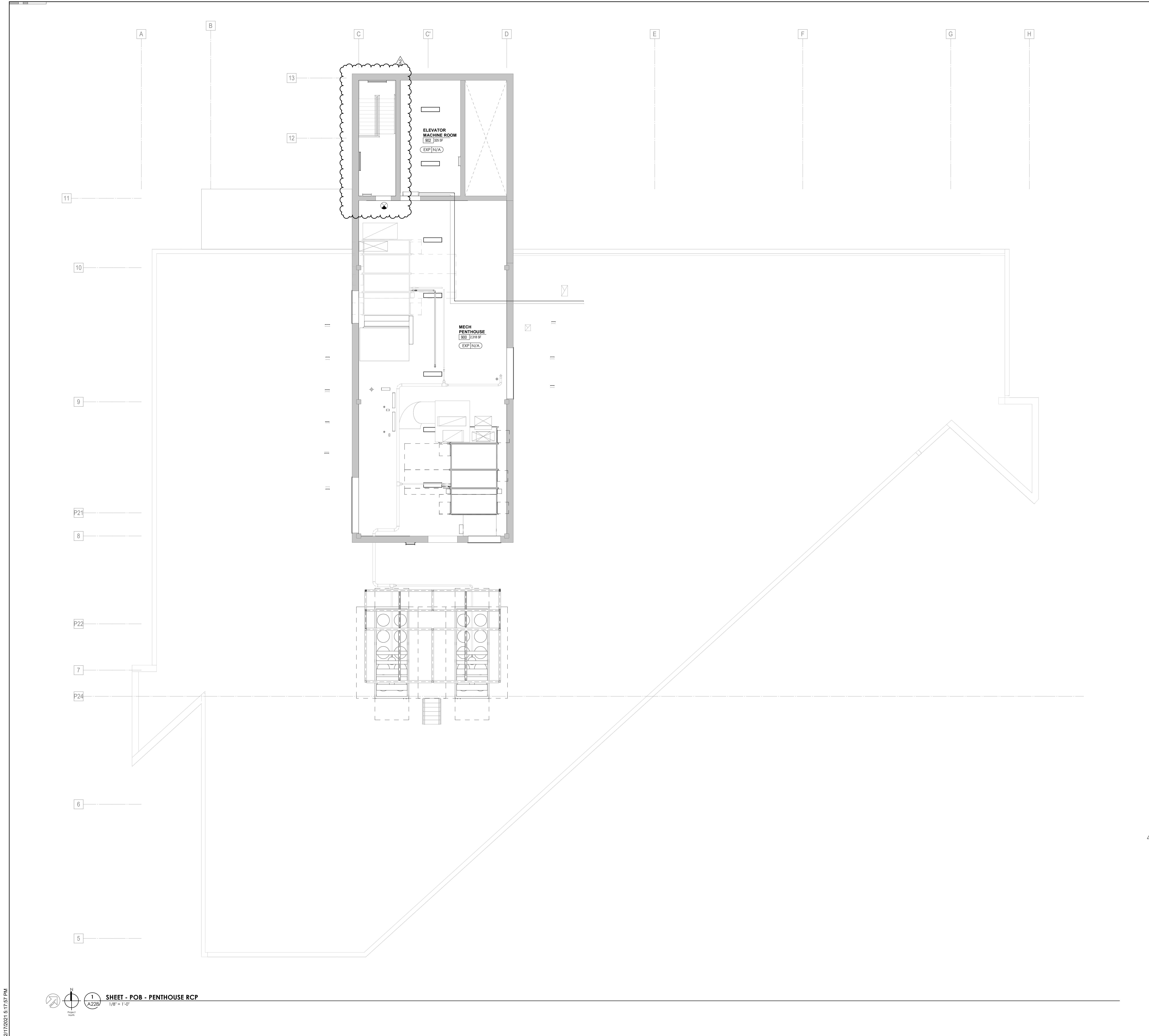
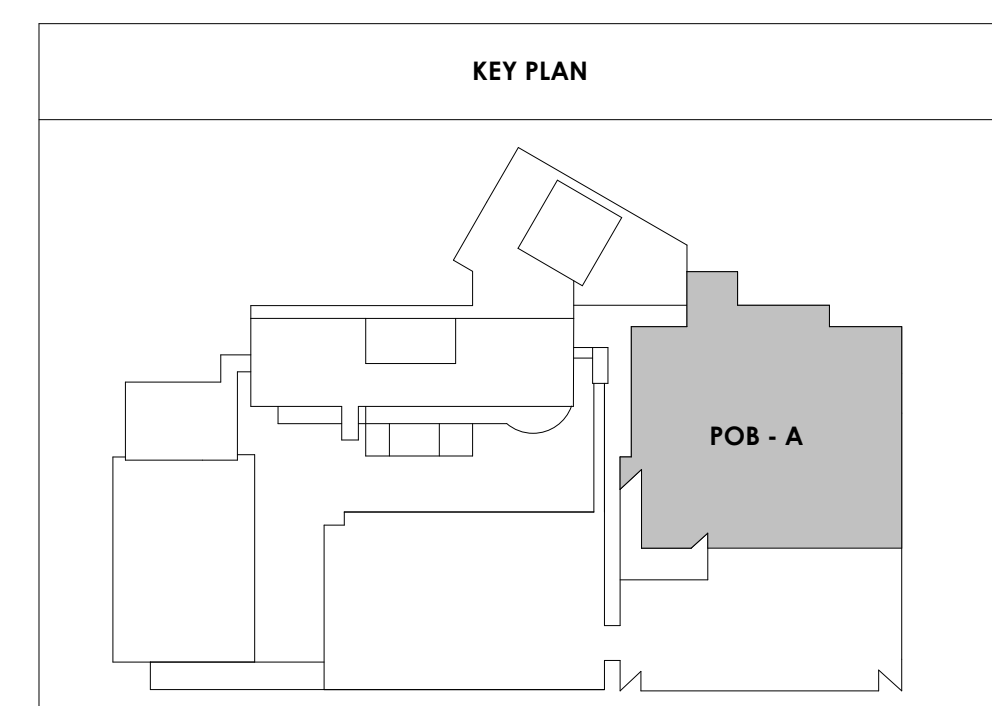
POB - PENTHOUSE
RCP

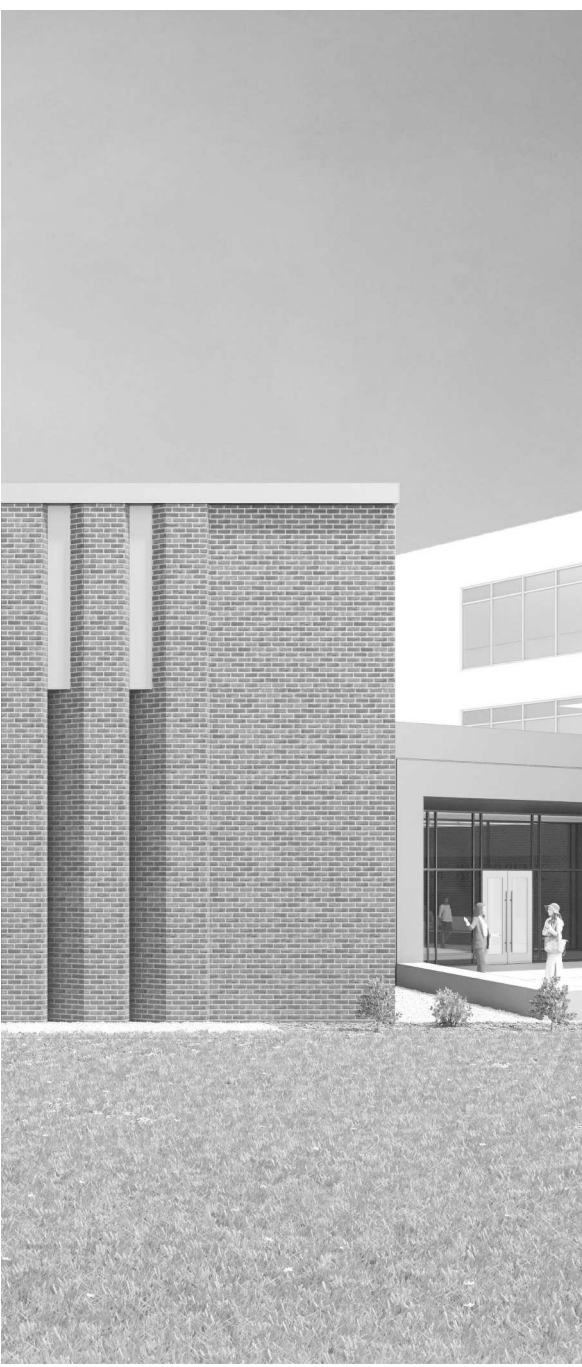
REFLECTED CEILING PLAN LEGEND

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**SUSPENDED CEILINGS AND GRID TO MEET SEISMIC DESIGN REQUIREMENTS AND ASTM C635 AND ASTM C636 - REFER TO SPECIFICATIONS	
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CEILING TYPES:	
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	ED - WET LOCATION EXIT DISCHARGE LIGHT
	CEILING MOUNTED SPEAKER
	SPRINKLER HEAD, CENTER IN CEILING TILE (JWG)
	HVAC CEILING SUPPLY
	HVAC CEILING RETURN
	HVAC LINEAR SUPPLY
	HVAC LINEAR RETURN
	ACCESS PANEL

KEYNOTES - REFLECTED CEILING PLAN

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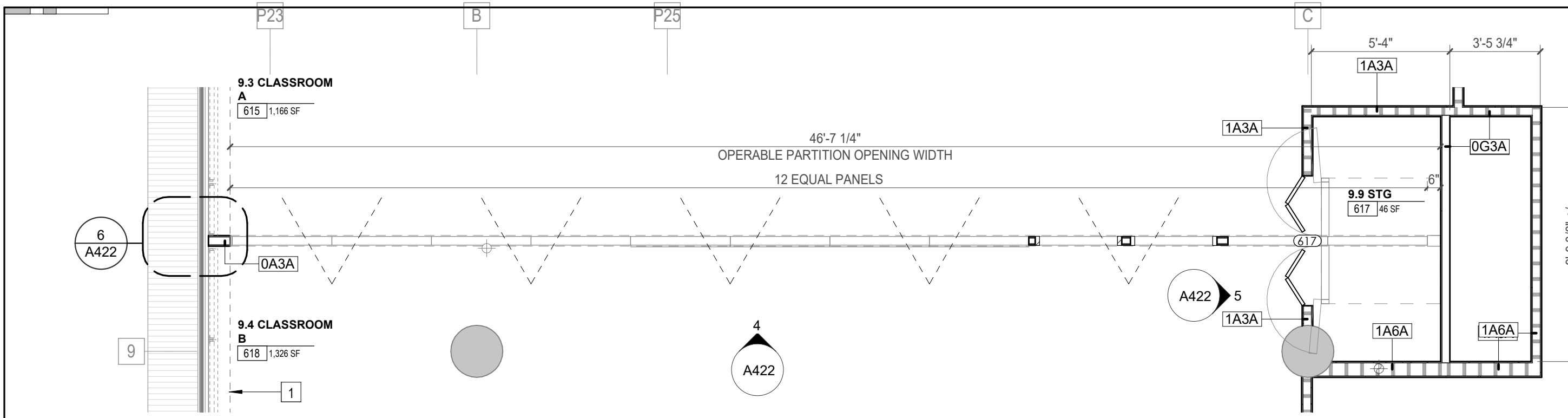
Issue Date: FEBRUARY 1, 2021
PIC: DAVID COLLINS
PM: JOHN THURMAN
PA: LAUREN BUSH /
Drawn By: MALINDA LABBE
Checked By: BP

Drawing Info:

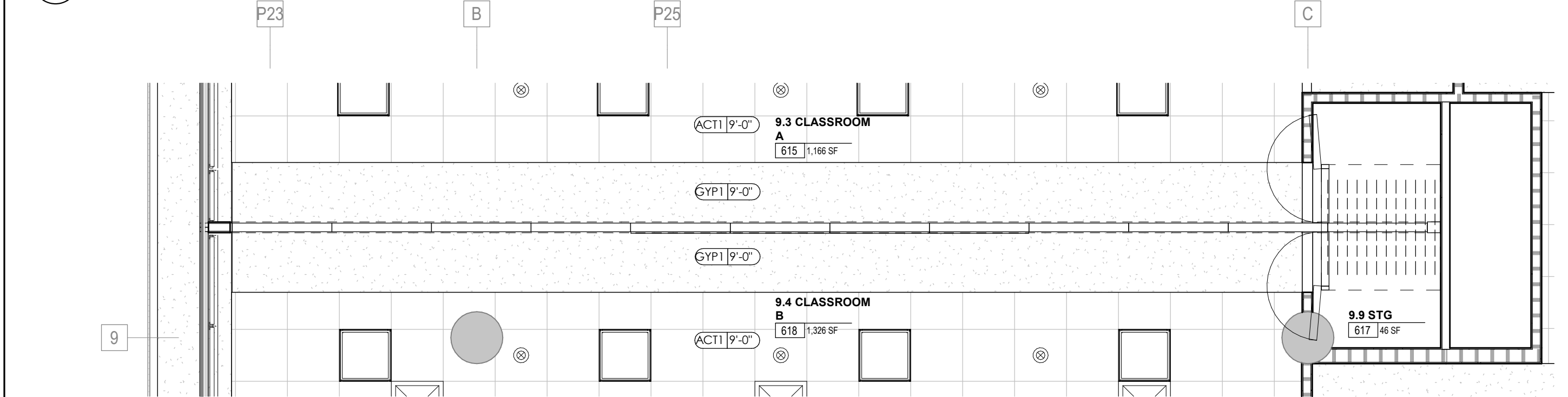
A422

OPERABLE PARTITION PLANS & DETAILS

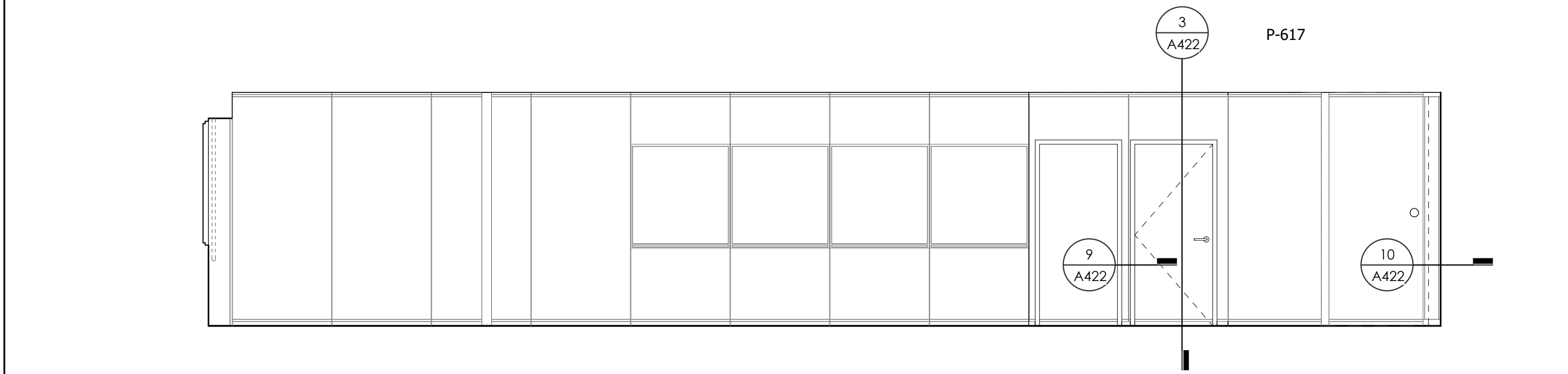
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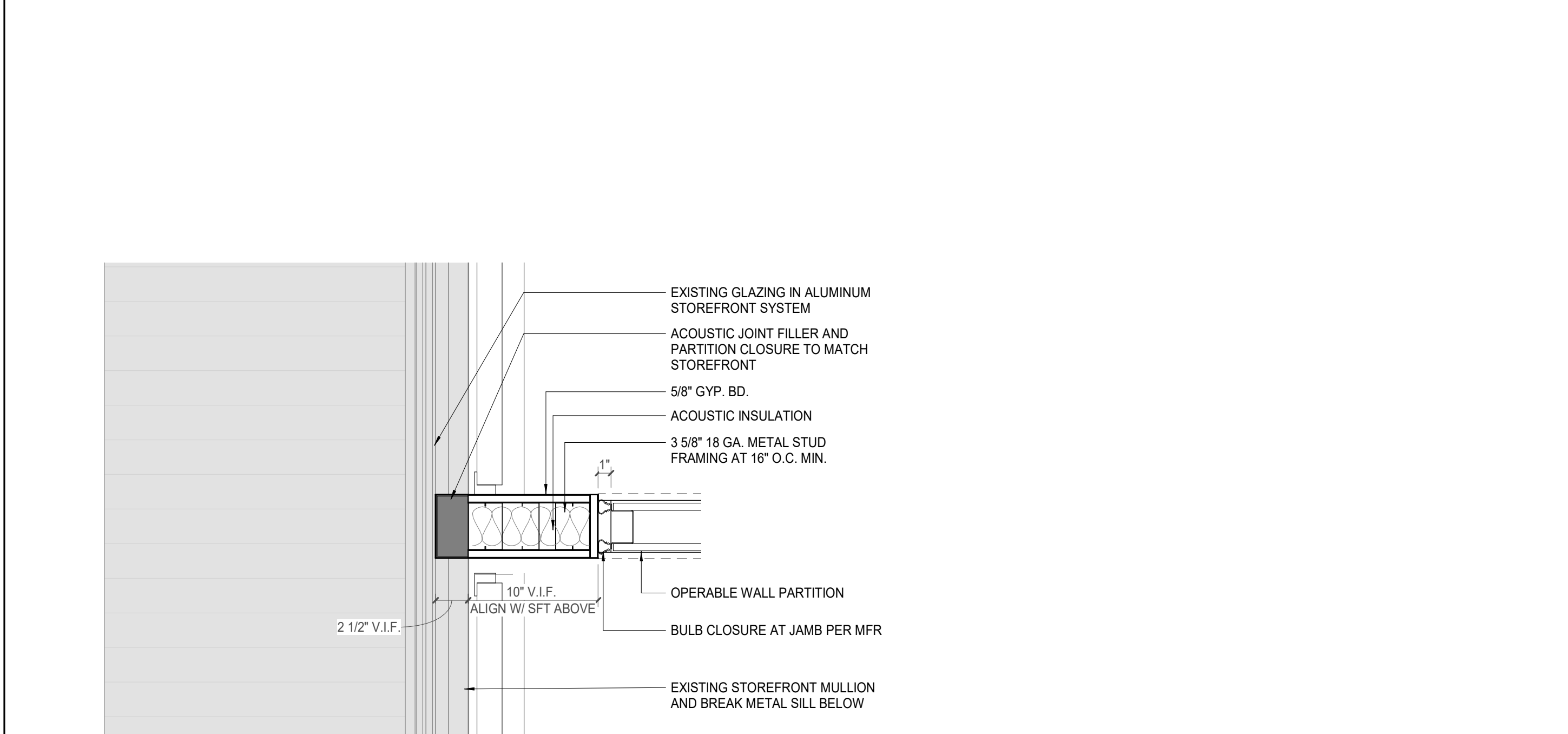
1 ENLARGED PLAN - POB - LEVEL 6 - CLASSROOM OPERABLE WALL
1/4" = 1'-0"



2 ENLARGED RCP - POB - LEVEL 6 - CLASSROOM OPERABLE WALL
1/4" = 1'-0"



3 OPERABLE PARTITION - ELEVATION
1/4" = 1'-0"

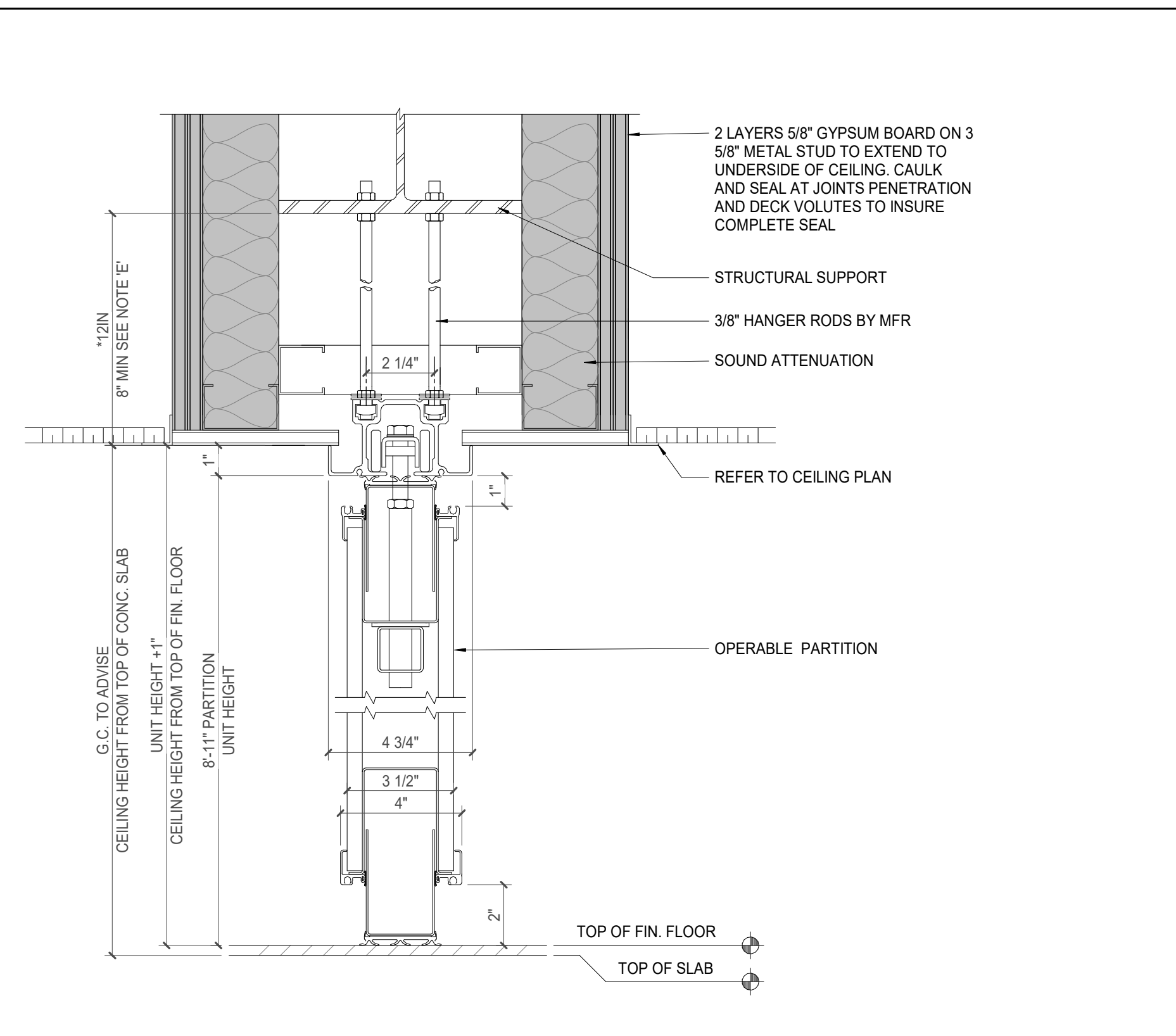


4 POB - LEVEL 6 - CLASSROOM OPERABLE PARTITION WINDOW PLAN DETAIL
1/12" = 1'-0"

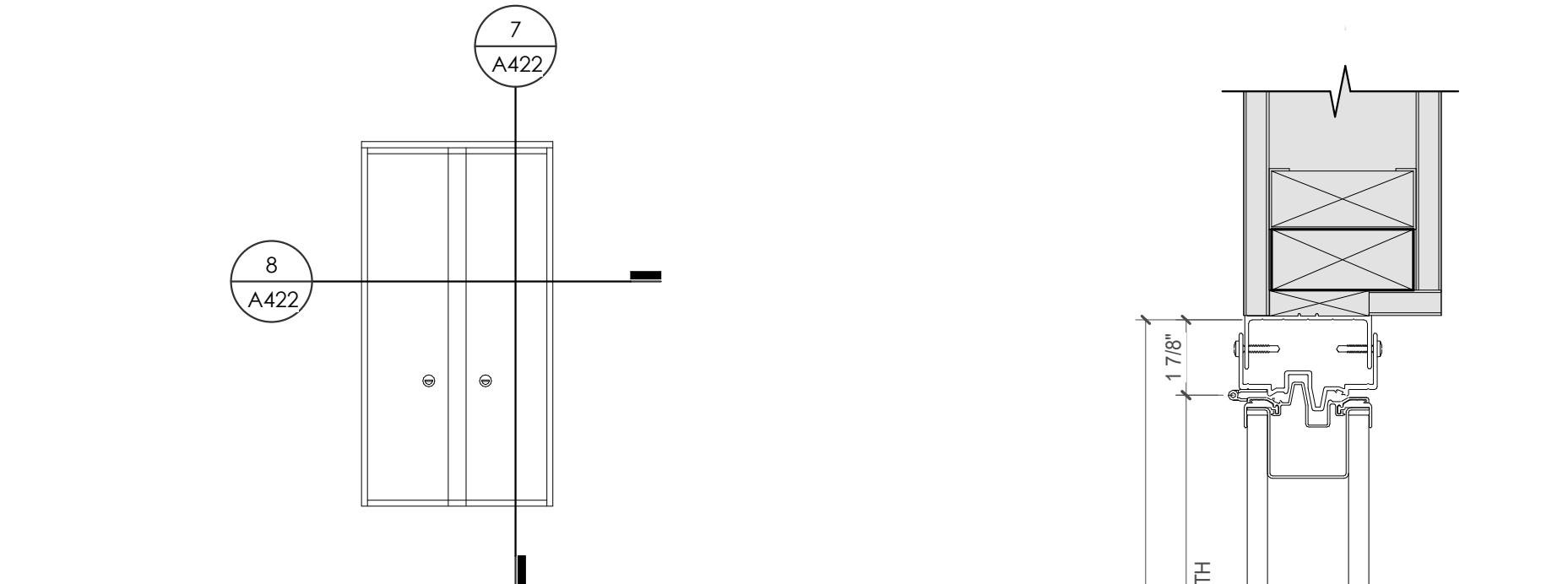


5 OPERABLE PARTITION PANEL JOINT DETAIL
3/8" = 1'-0"

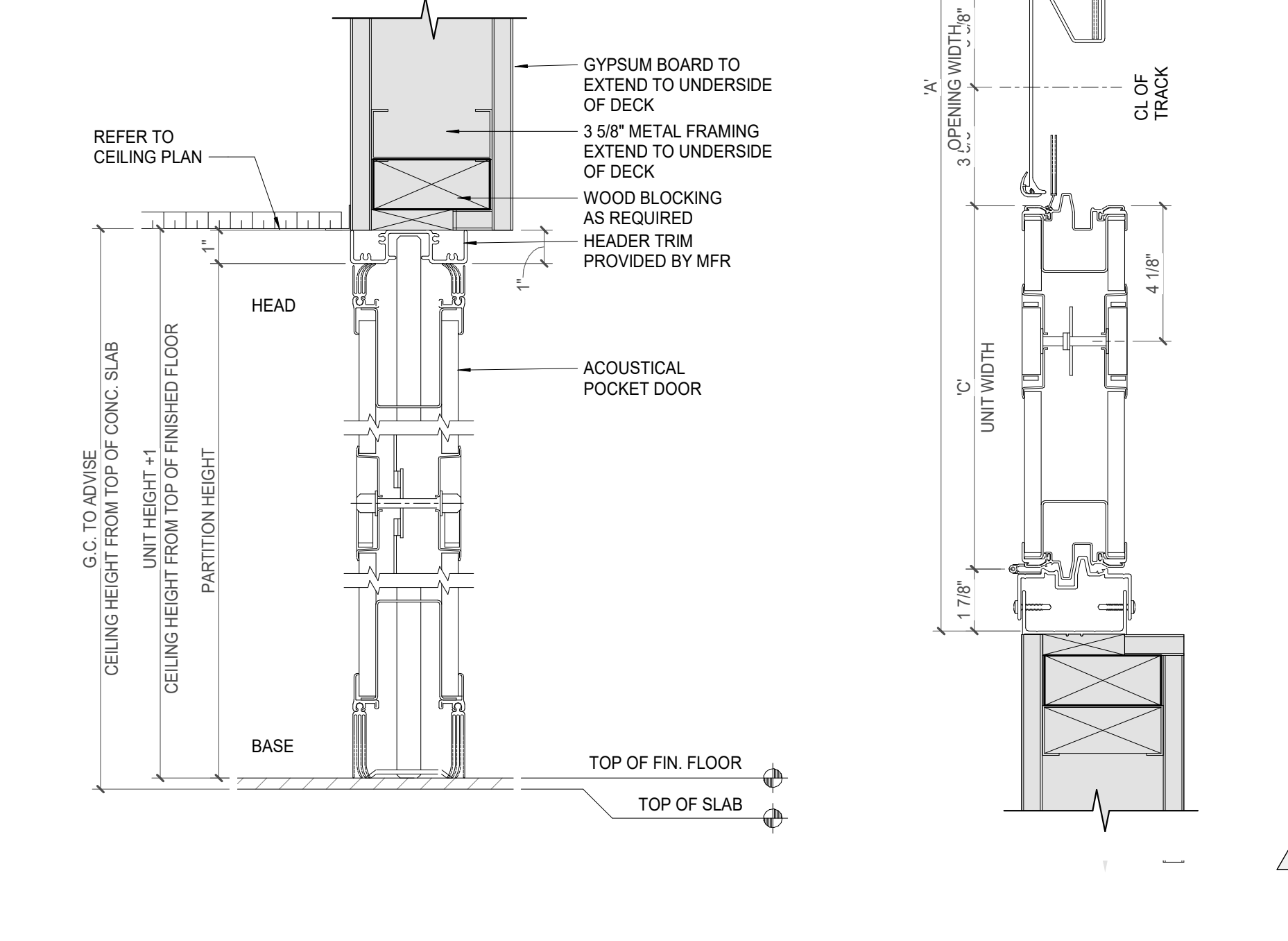
10 OPERABLE PARTITION DOOR LEVER CLOSURE
3/8" = 1'-0"



3 OPERABLE DOOR VERTICAL DETAIL
3/8" = 1'-0"



7 POCKET DOOR VERTICAL DETAIL
3/8" = 1'-0"



8 POCKET DOOR HORIZONTAL DETAIL
3/8" = 1'-0"

REFLECTED CEILING PLAN LEGEND

	24" x 24" ACOUSTICAL CEILING TILE GRID
	48" 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: ACOUSTIC TILE CEILING
	MTL: METAL PANEL SOFFIT
	EXP: EXPOSED TO STRUCTURE
	4" DIA. RECESSED CAN LIGHT
	AMBL: DOWNLIGHT
	4" RECESSED WALL WASH DOWNLIGHT
	RAZ: 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

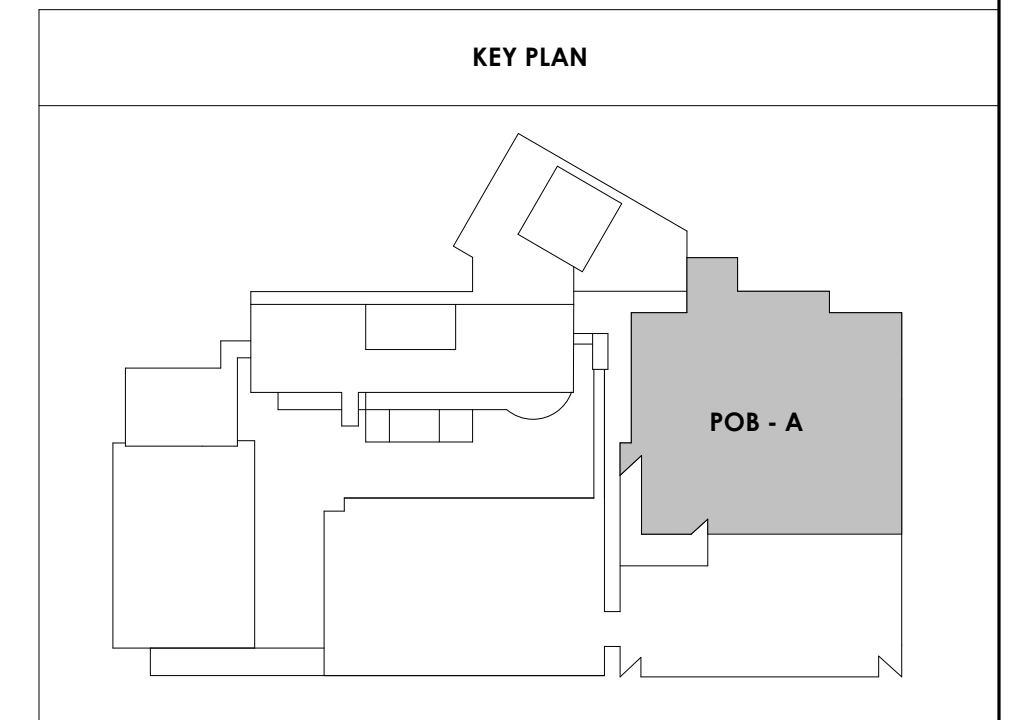
Tag	Text
1	6" PREFINISHED ALUMINUM TRIM AT PERIMETER
2	6" INTEGRATED ALUMINUM TECHZONE CHANNEL - LIGHTING AND MECHANICAL SUPPLY RETURN
3	OPERABLE WALL PARTITION
4	ROLLER WINDOW SHADES AT ALL EXTERIOR WORKSPACE WINDOWS - TYP
5	GYP. BD. SOFFIT AT PERIMETER
6	6" PREFORMED ALUMINUM COVE REVEAL
7	1" PREFORMED ALUMINUM REVEAL
8	EXISTING LIGHT FIXTURES IN GARAGES TO REMAIN
9	LOCATION OF CLERESTORY WINDOWS ABOVE 9'-0" GYP. BD. SOFFIT. 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. PROVIDE 2\"/>
16	NEW MANUAL OVERHEAD COILING DOOR & FRAME. 45 MIN RATED. PROVIDE 2\"/>
17	REMOVE EXISTING SOFFIT AND GYP. BD. FROM OVERHEAD EIFS SOFFIT WITH R-30 BATT INSULATION IN OVERHANGING CAVITY
18	PROVIDE SOLID BLOCKING FOR JAMB REQUIRED BY G.C.
19	INSTALLER TO CALK JAMBS AND PACK INSULATION.
20	FLOOR SHOULD NOT VARY FROM A SMOOTH LEVEL SURFACE BY MORE THAN 1/4" (5' IN 10 FT. NON-ACCUMULATIVE)
21	AFTER THE WEIGHT OF THE OPERABLE PARTITION AND ALL DEAD LOADS HAVE BEEN CONSIDERED, THE LIVE LOADS SHOULD NOT CAUSE MORE THAN 1/2" DEFLECTION OF THE STRUCTURE.
22	NOT USED
23	NOT USED
24	NOT USED
25	NOT USED
26	NOT USED
27	NOT USED
28	NOT USED
29	NOT USED
30	NOT USED
31	NOT USED
32	NOT USED
33	NOT USED
34	NOT USED
35	NOT USED
36	NOT USED
37	NOT USED
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55	NOT USED
56	NOT USED
57	NOT USED
58	NOT USED
59	NOT USED
60	NOT USED
61	NOT USED
62	NOT USED
63	NOT USED
64	NOT USED
65	NOT USED
66	NOT USED
67	NOT USED
68	NOT USED
69	NOT USED
70	NOT USED

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" 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 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 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 TRANSLUCENT FILM TO INSIDE FACE OF GLAZING
50	IMPACT RESISTANT STEEL BOLLARD - GENERAL LOCATION SHOWN, COORDINATE LOCATION IN FIELD
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" AFF. SEE ENLARGED PLANS FOR INFO.





Project Information:

19018

COK PUBLIC SAFETY COMPLEX

900 East Oak Hill Ave, Knoxville, TN

Scale:



Consultant:
Architects Design Group

Issue Date: FEBRUARY 01, 2021
PKC DAVID COLLINS
PM JOHN THURMAN
PA LAUREN BUSH /

Drawn By: ADG
Checked By: BP

Drawing Info: 2 ADD #02.1 02/17/21

Issue Date: FEBRUARY 01, 2021

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DOOR SCHEDULE MARK		To Room: Number	MARK		DOOR INFORMATION				DOOR SCHEDULE				FRAME INFORMATION				FIRE		HARDWARE		REMARKS		WIRED
DOOR NO	MARK	Room: Number	ROOM NAME	LEAF QTY	W	H	THK	TYPE	MATL	FINIS H	GLZ	TYPE	MATL	FINISH	HEAD	DETAILS	JAMB	SILL	RATIN G	SET NO	REMARKS	WIRED	
CA LEVEL LL3																							
002	002	5.14	CENTRAL SUPPLY BULK	2	6'-0"	7'-0"	1-3/4"	F	HM	PT-1	-	S1	HM	PT-1	H1A1	J1A1			45 MIN	12		F	WIRED
003A	130.5		ELEVATOR	1	3'-10"	7'-0"	1-3/4"	FO	-	-	-	S1	-	-	SEE A611	SEE A611			21			C, F	WIRED
005A	130.4		ELEVATOR	1	3'-10"	7'-0"	1-3/4"	FO	-	-	-	S1	-	-	SEE A611	SEE A611			21			C, F	WIRED
004	004		7.26 TLT	1	3'-0"	7'-0"	1-3/4"	F	SCWD	PT-1	-	S1	HM	PT-1	H1A1	J1A1			22				
005	005		7.26 TLT	1	3'-0"	7'-0"	1-3/4"	F	SCWD	PT-1	-	S1	HM	PT-1	H1A1	J1A1			22				
006A	006		VESTIBULE	2	6'-0"	7'-0"	1-3/4"	F	HM	PT-1	-	S1	HM	PT-1	H1A1	J1A1			45 MIN	14		F	
009	009		CORRIDOR	1	3'-0"	7'-0"	1-3/4"	FG	SCWD	PT-1	GL-1	S1	HM	PT-1	H1A1	J1A1			46				
010	010		7.22 SGT	1	3'-0"	7'-0"	1-3/4"	FG	SCWD	PT-1	GL-1	S1	HM	PT-1	H1A1	J1A1			46				
011A	011		7.46 VEHICLE PROCESSING GARAGE	1	3'-0"	7'-0"	1-3/4"	F	HM	PT-1	-	S1	HM	PT-1	H1A1	J1A1			90 MIN	8			
011B	011		7.46 VEHICLE PROCESSING GARAGE	1	3'-0"	7'-0"	1-3/4"	F	HM	PT-1	-	S1	HM	PT-1	H1A1	J1A1			90 MIN	8			
011C	011		7.46 VEHICLE PROCESSING GARAGE	1	3'-0"	7'-0"	1-3/4"	F	HM	PT-1	-	S1	HM	PT-1	H1A1	J1A1			90 MIN	8			
012	012		7.28 DRYING STORAGE	1	3'-0"	7'-0"	1-3/4"	F	HM	PT-1	-	S1	HM	PT-1	H1A1	J1A1			30				
013A	013		7.46 VEHICLE PROCESSING GARAGE	1	4'-0"	7'-0"	1-3/4"	F	HM	PT-1	-	S1	HM	PT-1	H1B1	J1B1			45 MIN	13		F	WIRED
013B	013		7.46 VEHICLE PROCESSING GARAGE	1	4'-0"	10'-0"	2"	OD	MTL	CLAN	-	-	-	-	MTL	CLAN	H2D1	J2D1	90 MIN	29		D, F	WIRED
014	014		7.32 NIBN	1	3'-0"	7'-0"	1-3/4"	F	SCWD	PT-1	-	S1	HM	PT-1	H1A1	J1A1			31			G	WIRED
015	015		7.31 SCOPE	1	3'-0"	7'-0"	1-3/4"	F	SCWD	PT-1	-	S1	HM	PT-1	H1A1	J1A1			31				
016	016		7.31 SCOPE	1	3'-0"	7'-0"	1-3/4"	F	SCWD	PT-1	-	S1	HM	PT-1	H1A1	J1A1			31				
017	017		7.31 SCOPE	1	3'-0"	7'-0"	1-3/4"	F	SCWD	PT-1	-	S1	HM	PT-1	H1A1	J1A1			31				
019	019		7.5 APR	1	3'-0"	7'-0"	1-3/4"	F	SCWD	PT-1	-	S1	HM	PT-1	H1A1	J1A1			31				
020	020		7.20 WORKSTATIONS	1	3'-0"	7'-0"	1-3/4"	FG	SCWD	PT-1	GL-1	S1	HM	PT-1	H1A1	J1A1			22				
021	021		7.26 TLT	1	3'-0"	7'-0"	1-3/4"	F	SCWD	PT-1	-	S1	HM	PT-1	H1A1	J1A1			22				
022	022		7.26 TLT	1	3'-0"	7'-0"	1-3/4"	F	SCWD	PT-1	-	S1	HM	PT-1	H1A1	J1A1			22				
023	023		7.26 TLT	1	3'-0"	7'-0"	1-3/4"	F	SCWD	PT-1	-	S1	HM	PT-1	H1A1	J1A1			22				
024	024		STAFF ELEV LOBBY	1	4'-0"	7'-0"	1-3/4"	F	SCWD	PT-1	-	S1	HM	PT-1	H1A1	J1A1			13			F	WIRED
025	025		ELEC	1	3'-0"	7'-0"	1-3/4"	F	SCWD	PT-1	-	S1	HM	PT-1	H1A1	J1A1			13				
026	026		ELEVATOR EQUIPMENT ROOM	1	3'-0"	7'-0"	1-3/4"	F	SCWD	PT-1	-	S1	HM	PT-1	H1A1	J1A1			13				
032	032		7.31 FUTURE OFFICE	1	3'-0"	7'-0"	1-3/4"	F	SCWD	PT-1	-	S1	HM	PT-1	H1A1	J1A1			31				
034	034		7.28 STORAGE	1	3'-0"	7'-0"	1-3/4"	F	SCWD	PT-1	-	S1	HM	PT-1	H1A1	J1A1			30				
035	035		7.30 PRTI REFERENCE GUNS	1	3'-0"	7'-0"	1-3/4"	F	SCWD	PT-1	-	S1	HM	PT-1	H1B1	J1B1			30			E, F	WIRED
036	036		7.0 LAB	1	3'-0"	7'-0"	1-3/4"	F	SCWD	PT-1	-	S1	HM	PT-1	H1A1	J1A1			31				
037	037		7.33 PHOTO	1	3'-0"	7'-0"	1-3/4"	F	SCWD	PT-1	-	S1	HM	PT-1	H1A1	J1A1			31				
038	001		CORRIDOR	2	6'-0"	7'-0"	1-3/4"	F	HM	PT-1	-	S1	HM	PT-1	H1A1	J1A1			45 MIN	12		F	WIRED
040A	040		5.15 VIEW	1	3'-0"	7'-0"	1-3/4"	F	SCWD	PT-1	-	S1	HM	PT-1	H1A1	J1A1			31				
040B	040		5.15 VIEW	1	3'-0"	7'-0"	1-3/4"	F	SCWD	PT-1	-	S1	HM	PT-1	H1A1	J1A1			13			F	WIRED
041A	041		CORR	2	6'-0"	7'-0"	1-3/4"	F	HM	PT-1	-	S1	HM	PT-1	H1A1	J1A1			12				
041B	041		5.7 BULK EVIDENCE STORAGE	2	6'-0"	7'-0"	1-3/4"	F	HM	PT-1	-	S1	HM	PT-1	H1A1	J1A1			45 MIN	12			
042	042		5.3 TLT	1	3'-0"	7'-0"	1-3/4"	F	SCWD	PT-1	-	S1	HM	PT-1	H1A1	J1A1			22				
044	044		5.5 SECRETARY	1	3'-0"	7'-0"	1-3/4"	F	SCWD	PT-1	-	S1	HM	PT-1	H1A1	J1A1			31				
045	045		5.4 SUPERVISOR	1	3'-0"	7'-0"	1-3/4"	F	SCWD	PT-1	-	S1	HM	PT-1	H1A1	J1A1			31				
049	049		CORRIDOR	2	6'-0"	7'-0"	1-3/4"	N	SCWD	PT-1	GL-1	S1	HM	PT-1	H1A1	J1A1			12			F	WIRED
051	051		CORR	1	3'-0"	7'-0"	1-3/4"	F	HM	PT-1	-	S1	HM	PT-1	H1A1	J1A1			7				
052	052		PROCESSING BULK DROP	1	3'-0"	7'-0"	1-3/4"	F	SCWD	PT-1	-	S1	HM	PT-1	H1A1	J1A1			13			F	WIRED
053A	053		5.7 BULK EVIDENCE STORAGE (DRUGS)	2	6'-0"	7'-0"	1-3/4"	N	HM	PT-1	GL-1	S1	HM	PT-1	H1A1	J1A1			45 MIN	12		F	WIRED
054A	054		5.7 BULK EVIDENCE STORAGE	2	6'-0"	7'-0"	1-3/4"	N	HM	PT-1	GL-1	S1	HM	PT-1	H1A1	J1A1			45 MIN	12		F	WIRED
055	055		IT	1	3'-0"	7'-0"	1-3/4"	F	SCWD	PT-1	-	S1	HM	PT-1	H1A1	J1A1			30				
056	056		JAN	1	3'-0"	7'-0"	1-3/4"	F	SCWD	PT-1	-	S1	HM	PT-1	H1A1	J1A1			33				
057	057		5.7 BULK EVIDENCE STORAGE (GUNS)	2	6'-0"	7'-0"	1-3/4"	N	HM	PT-1	GL-1	S1	HM	PT-1	H1A1	J1A1			45 MIN	12		F	WIRED
058A	058		MECH	2	6'-0"	7'-0"	1-3/4"	F	SCWD	PT-1	-	S1	HM	PT-1	H1A1	J1A1			6			A, F	WIRED
058B	058		MECH	1	4'-0"	7'-0"	1-3/4"	F	SCWD	PT-1	-	S1	HM	PT-1	H1A1	J1A1			42			A	WIRED
059A	059		CORR	2	7'-0"	7'-0"	1-3/4"	F	SCWD	PT-1	-	S1	HM	PT-1	H1A1	J1A1			12				
059B	059		CORR	2	7'-0"	7'-0"	1-3/4"	F	HM	PT-1	-	S1	HM	PT-1	H1B1	J1B1							



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

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

Drawing Info:

A713

CA - WINDOW & FRAME ELEVATIONS

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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.

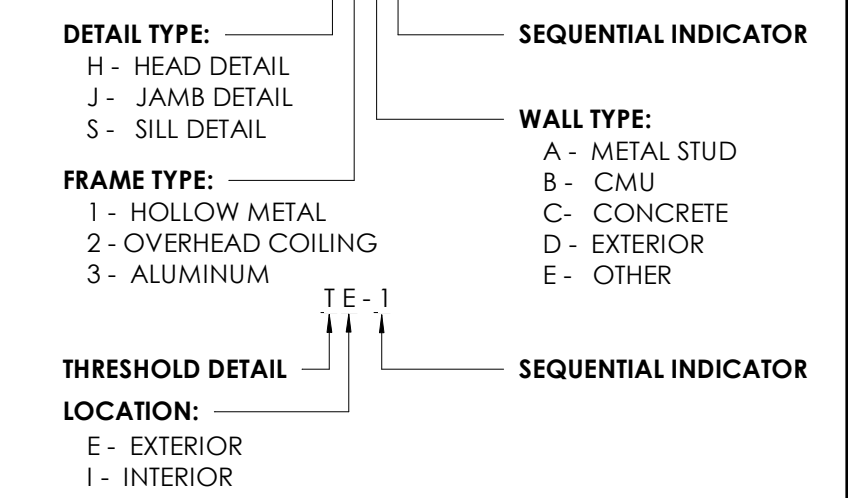
EXTERIOR GLAZING TYPES:

- ① 1" CLEAR INSULATED GLAZING, TEMPERED
- ② 1" CLEAR INSULATED GLAZING
- ③ 1 1/4" CLEAR INSULATED, TYPE 3 BALLISTIC RATED GLAZING
- ⑦ 1" INSULATED SPANDREL PANEL, COLOR TO MATCH FRAME FINISH

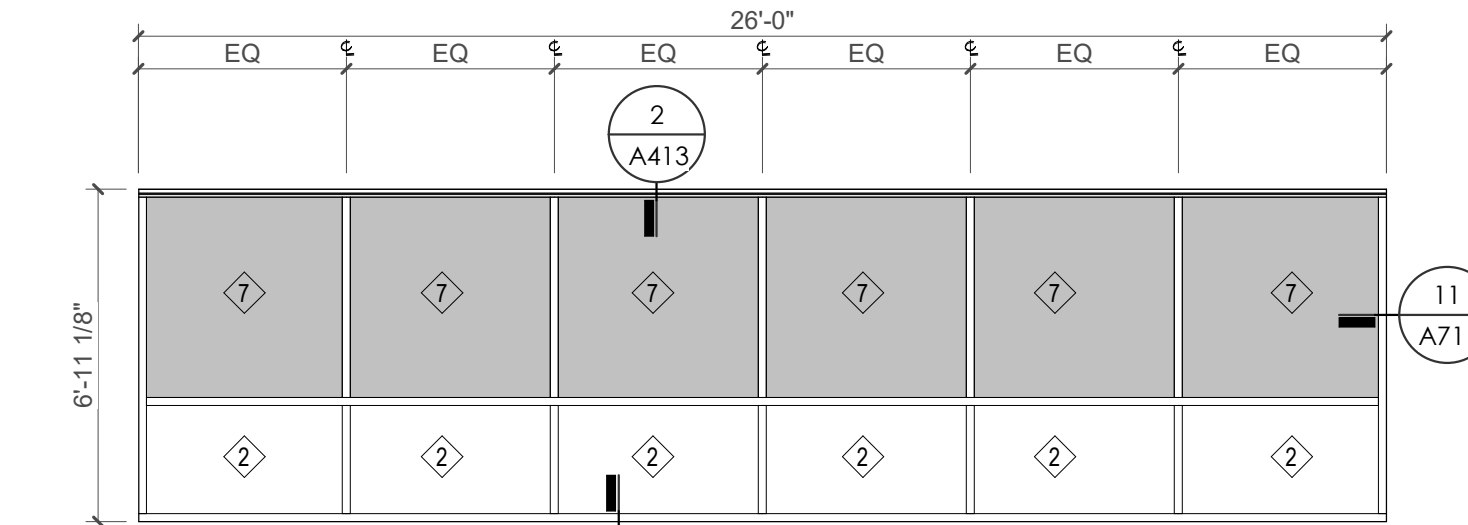
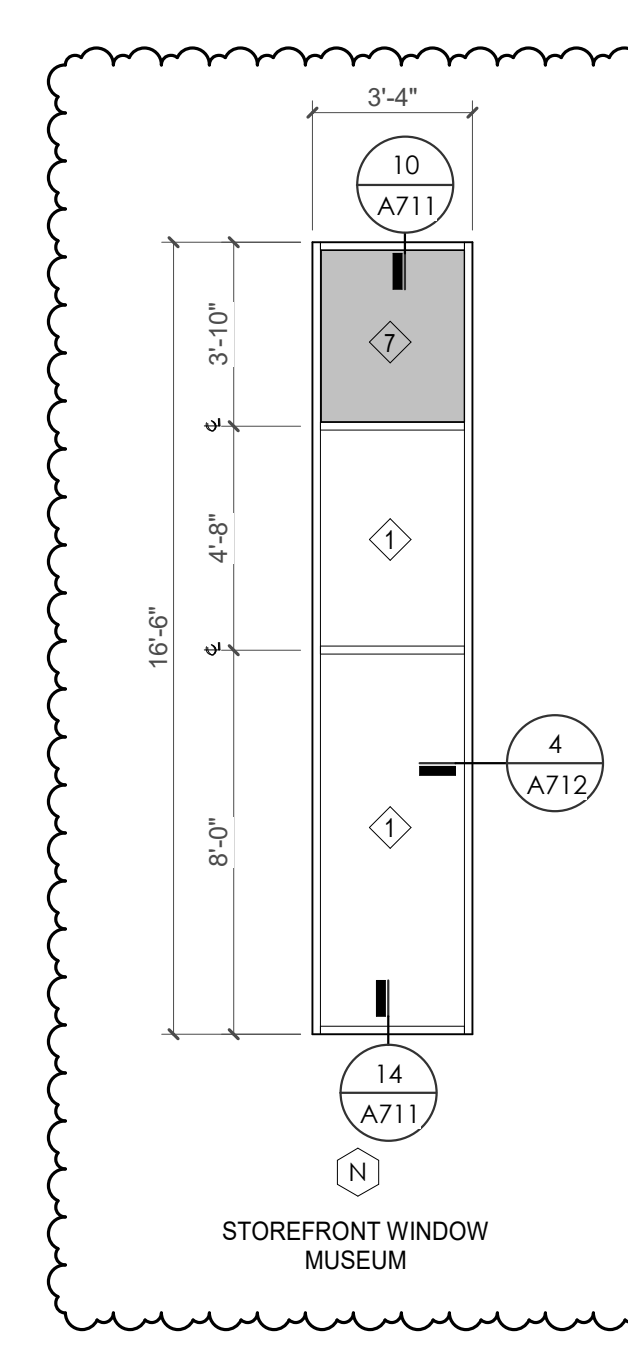
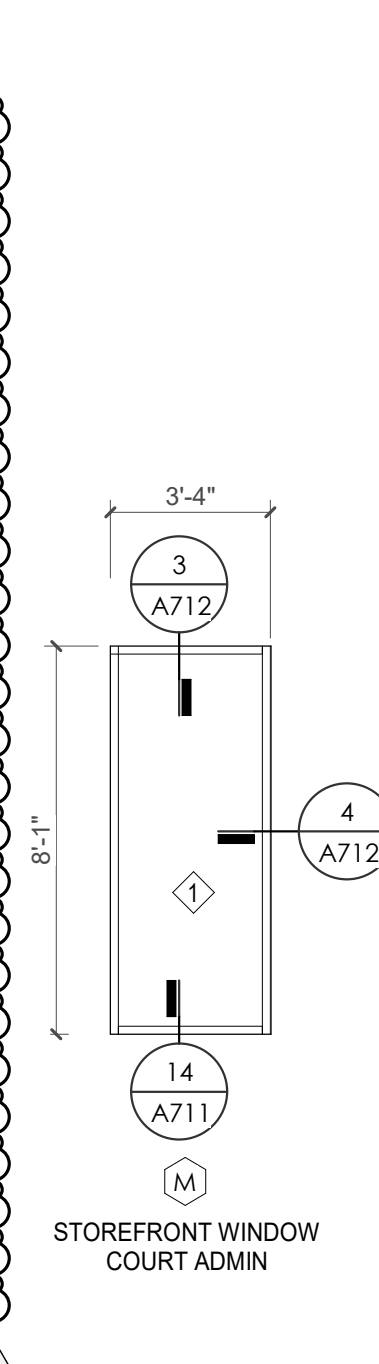
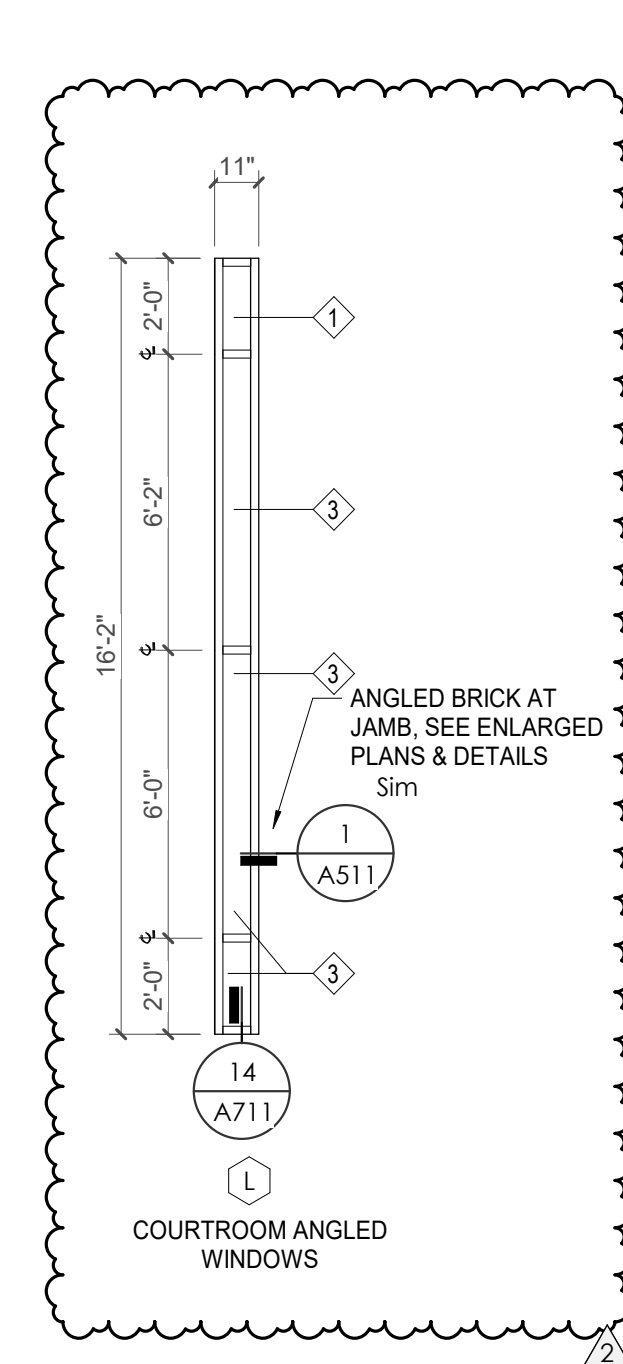
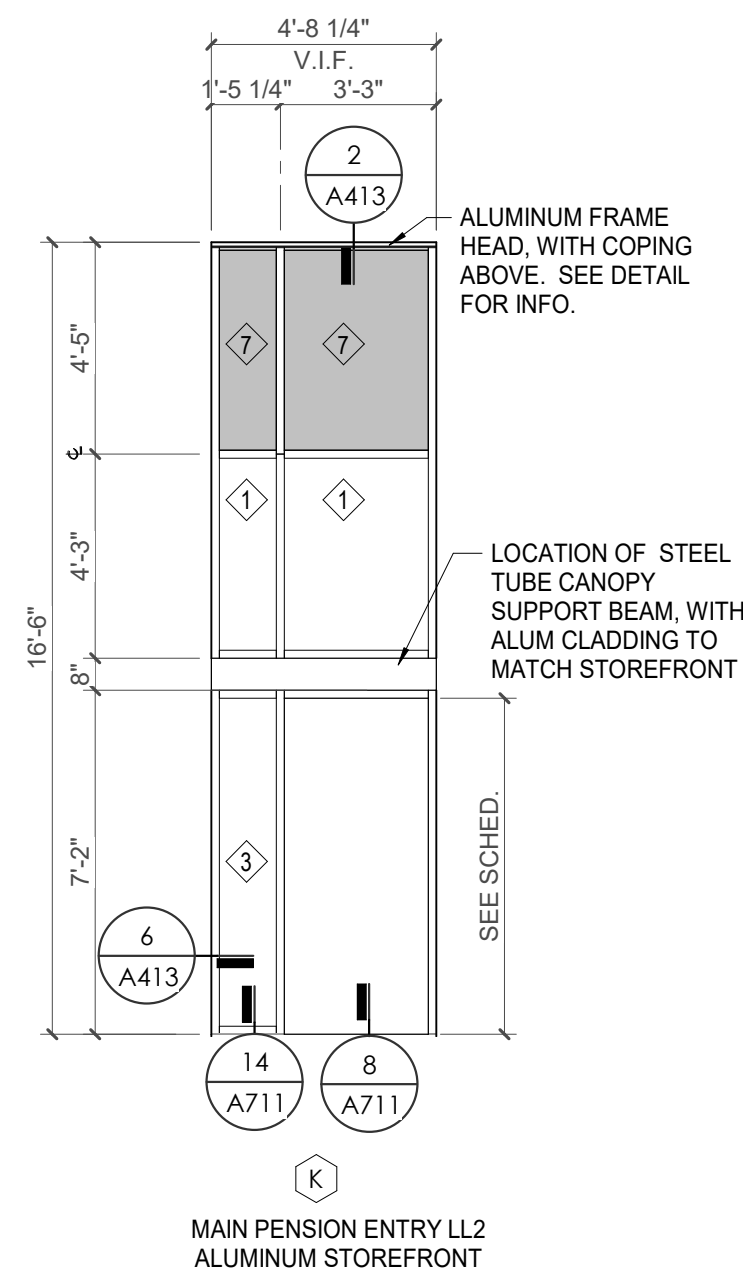
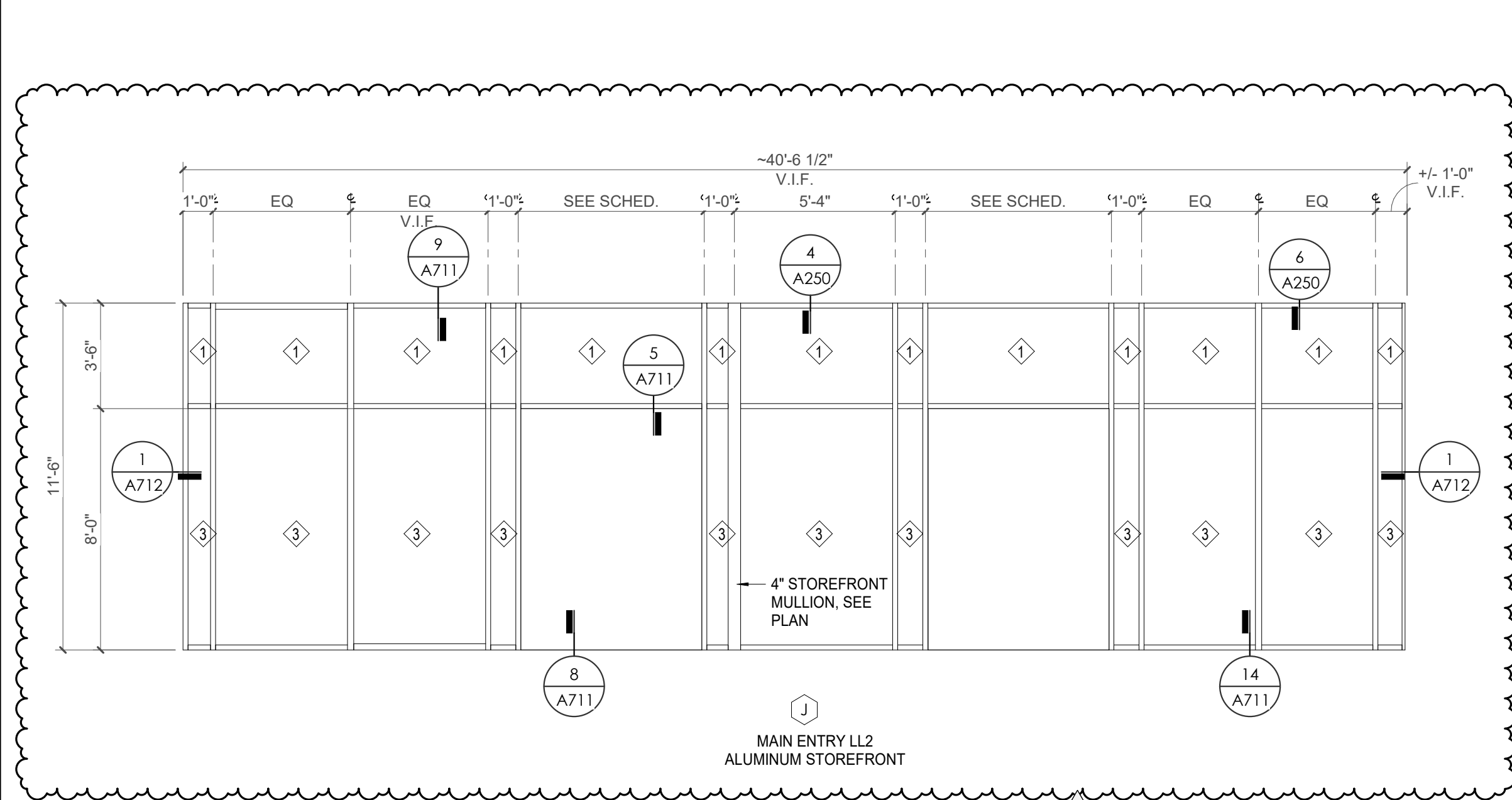
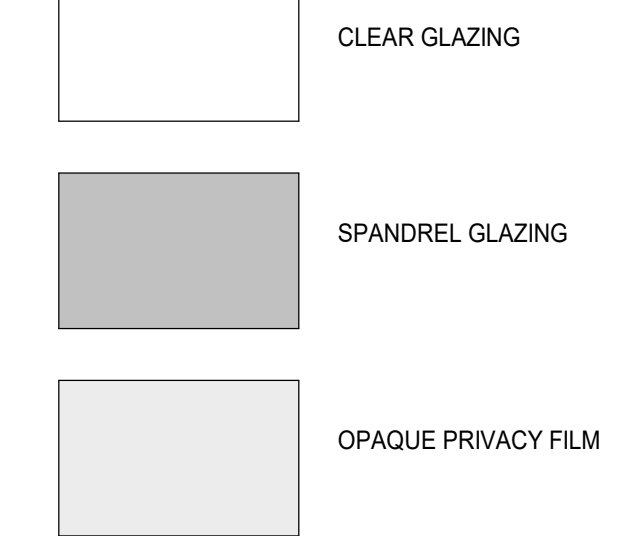
INTERIOR GLAZING TYPES:

- 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

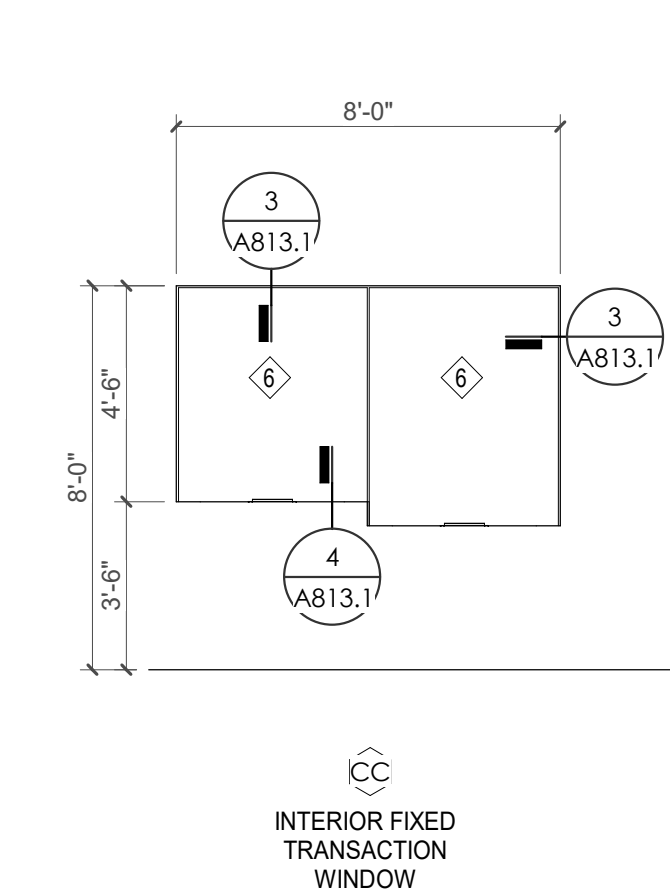
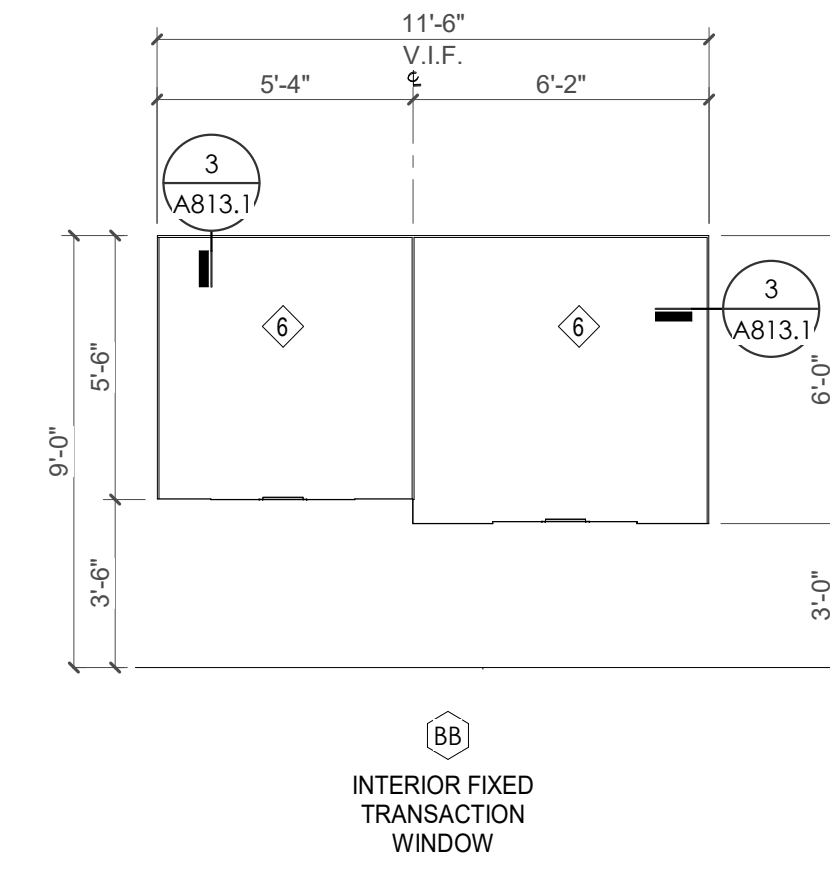
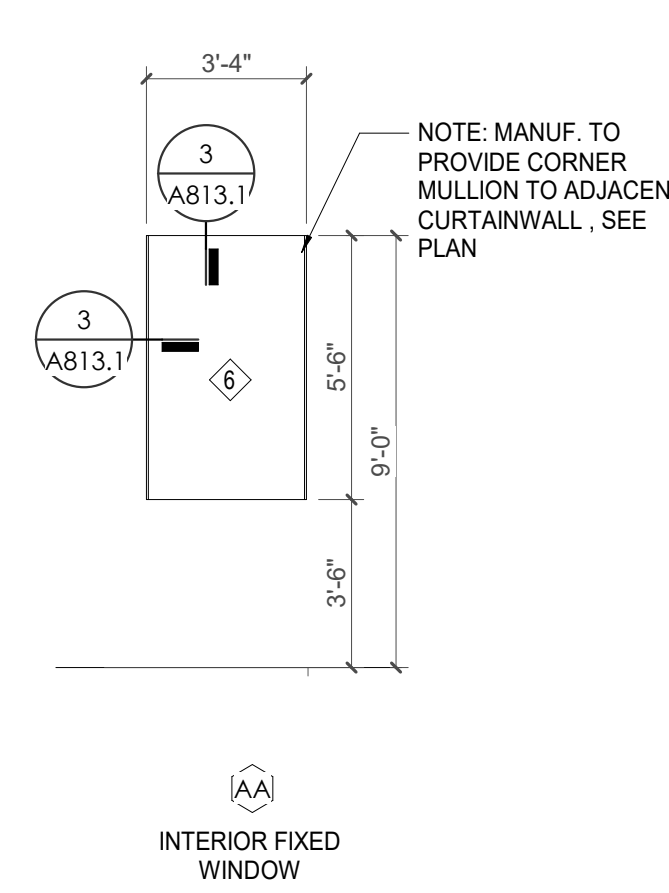
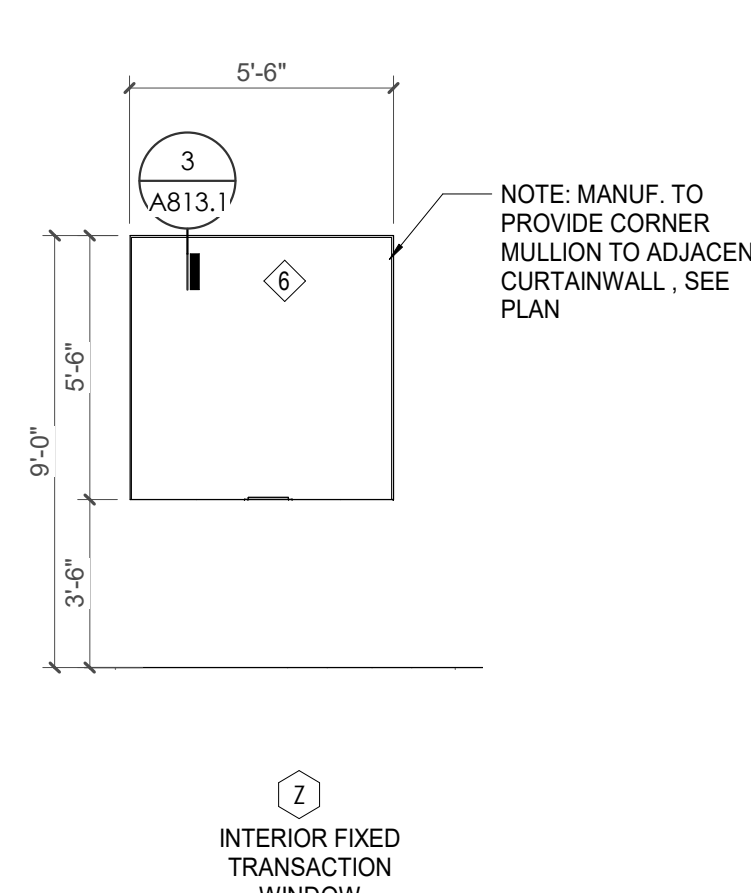
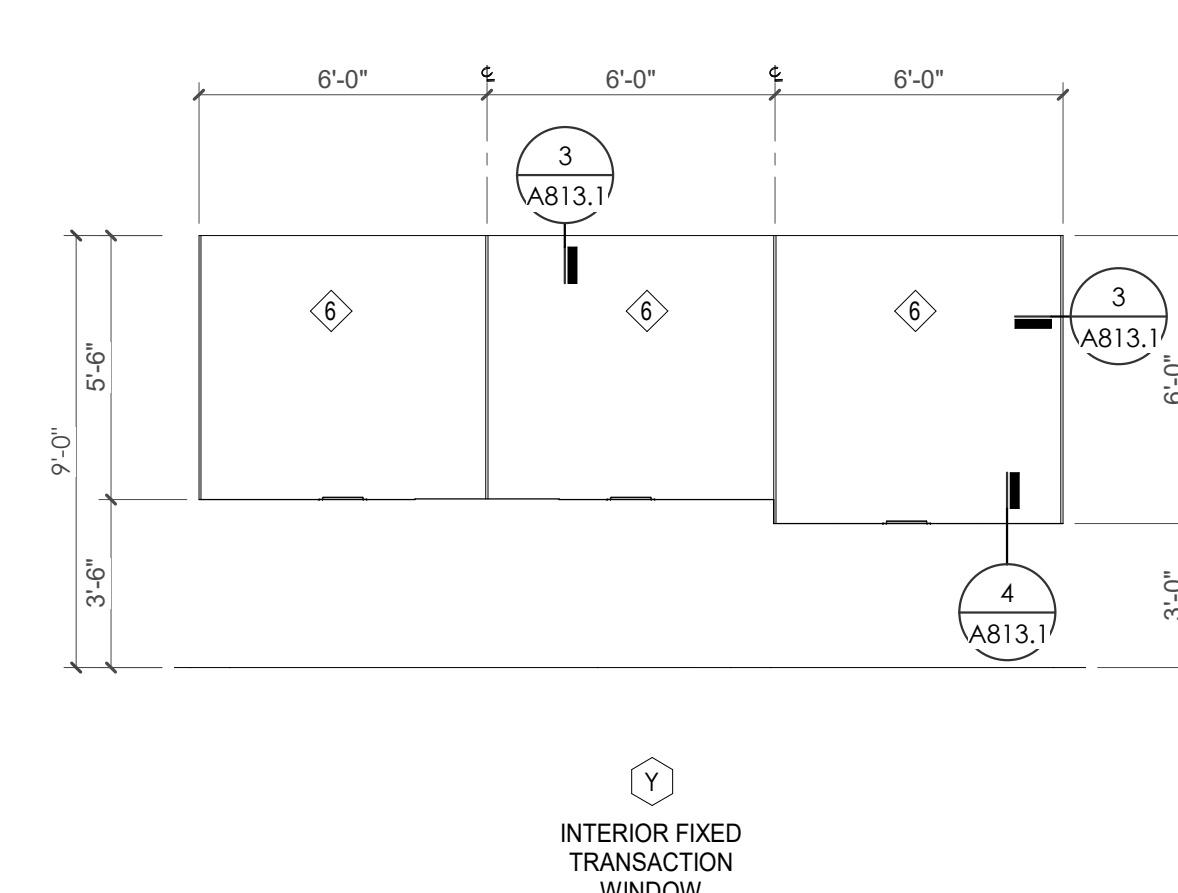
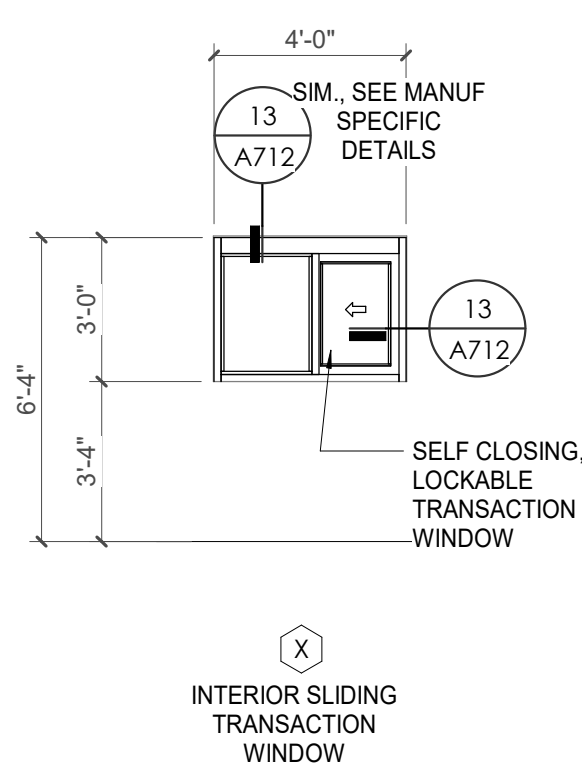
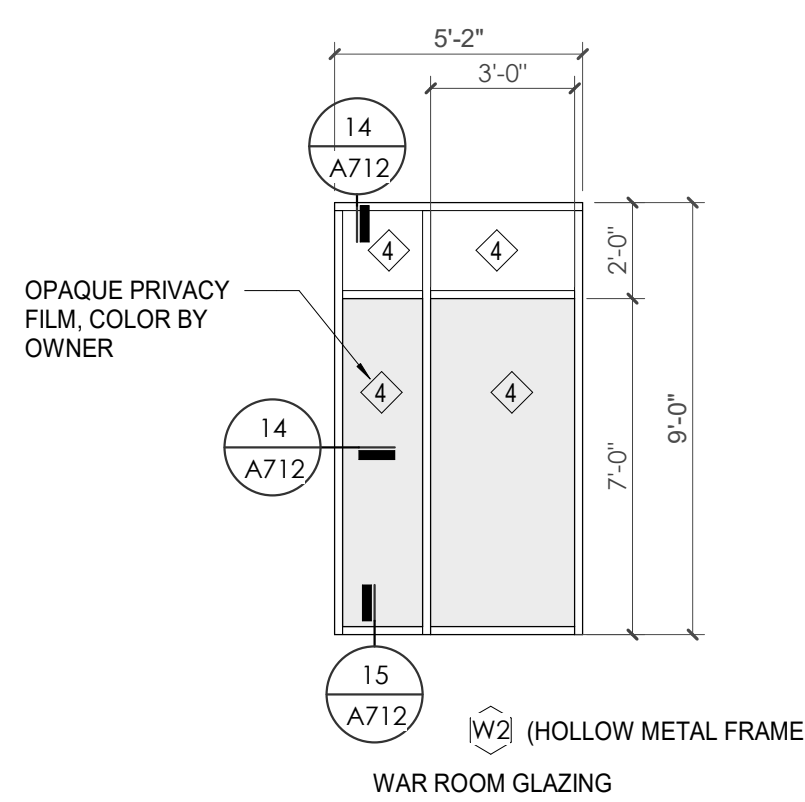
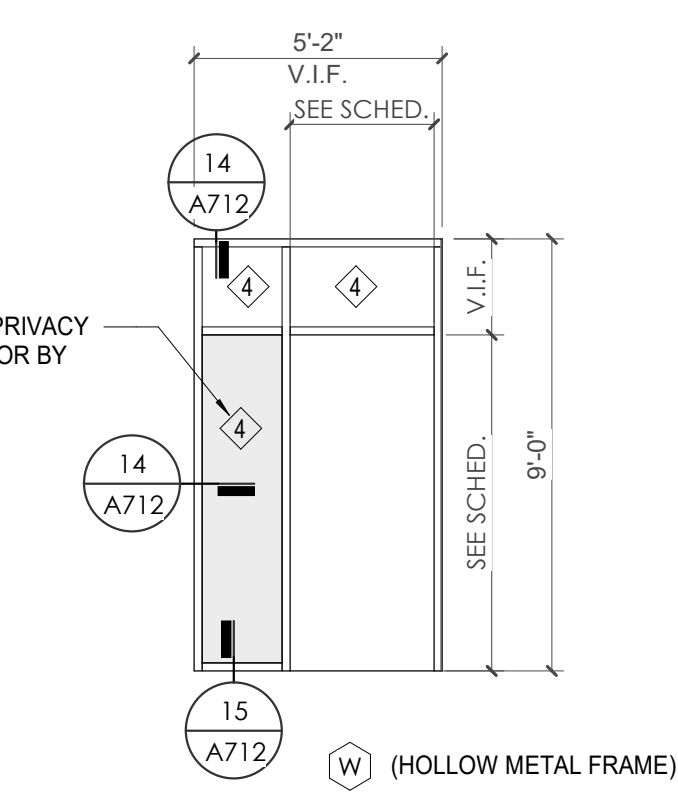
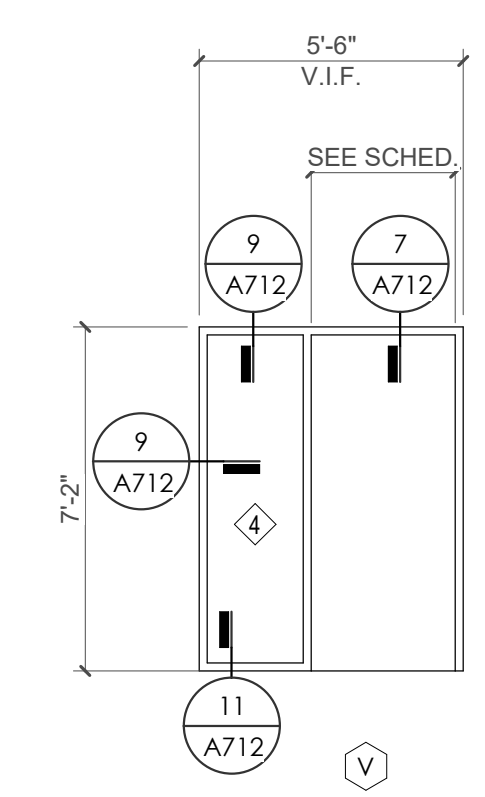
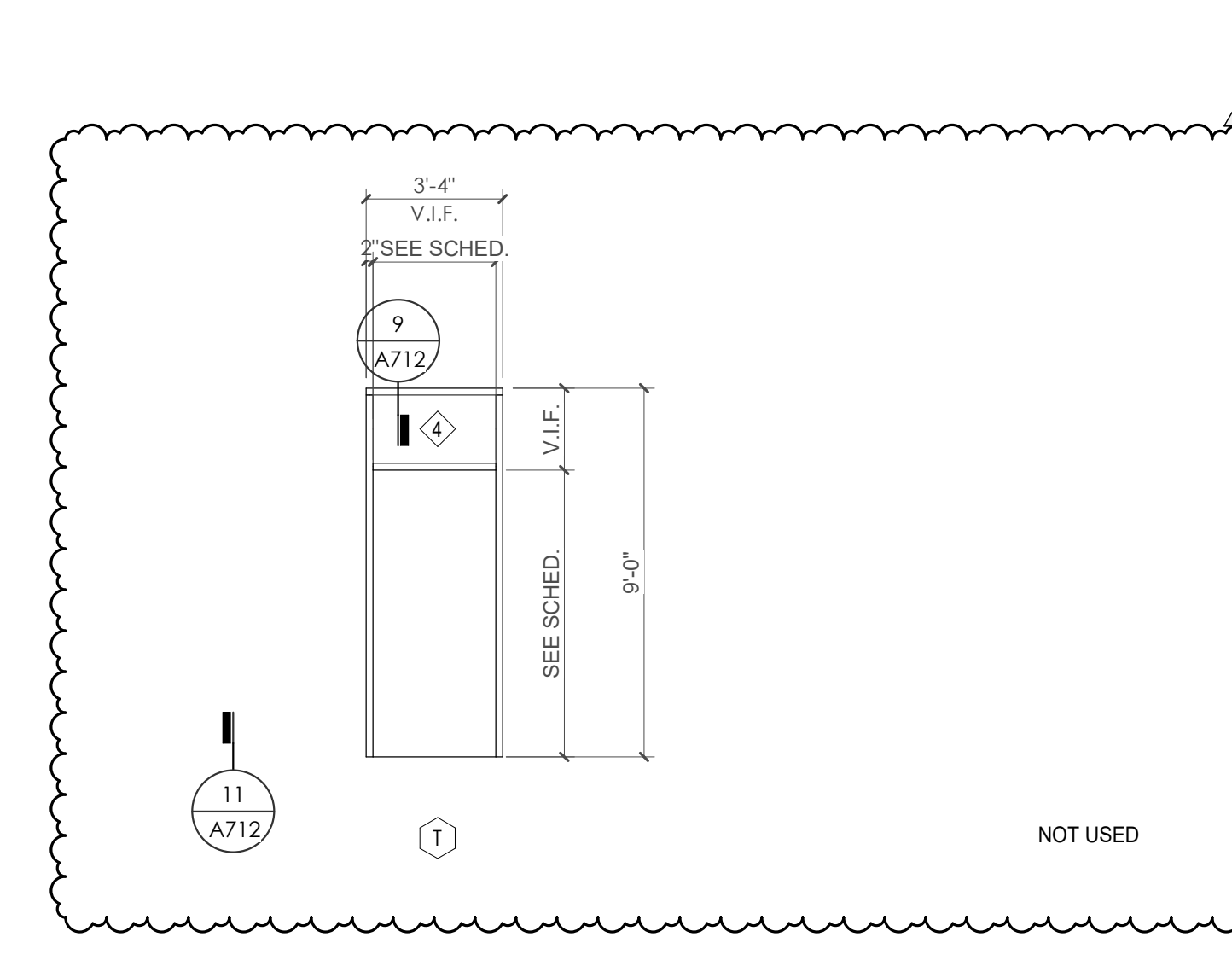
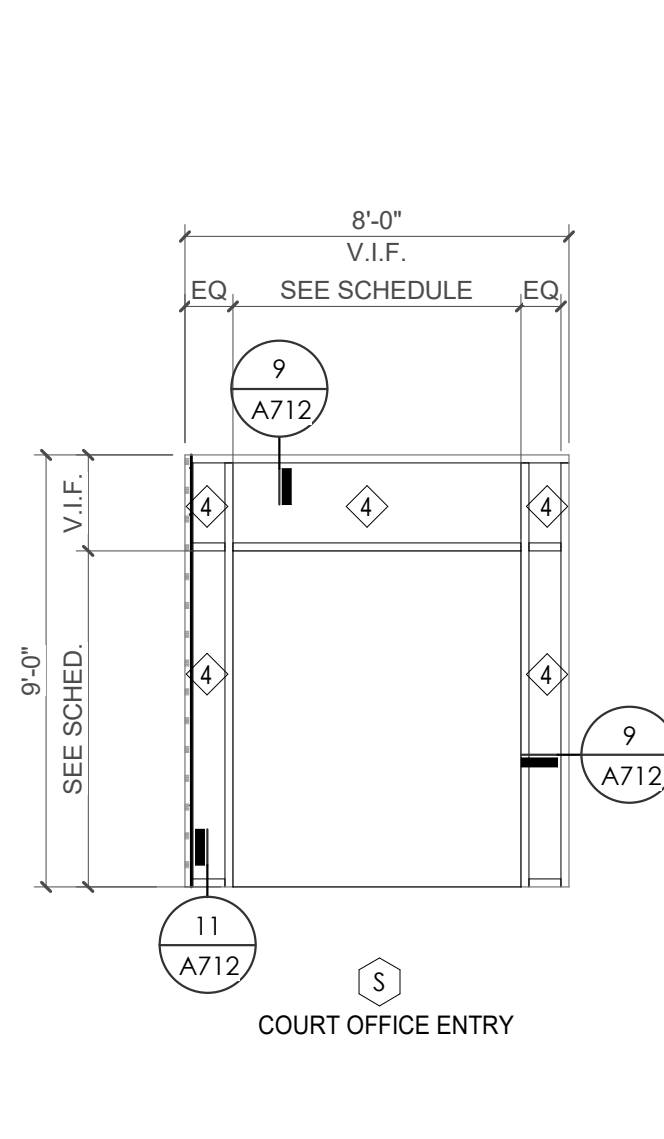
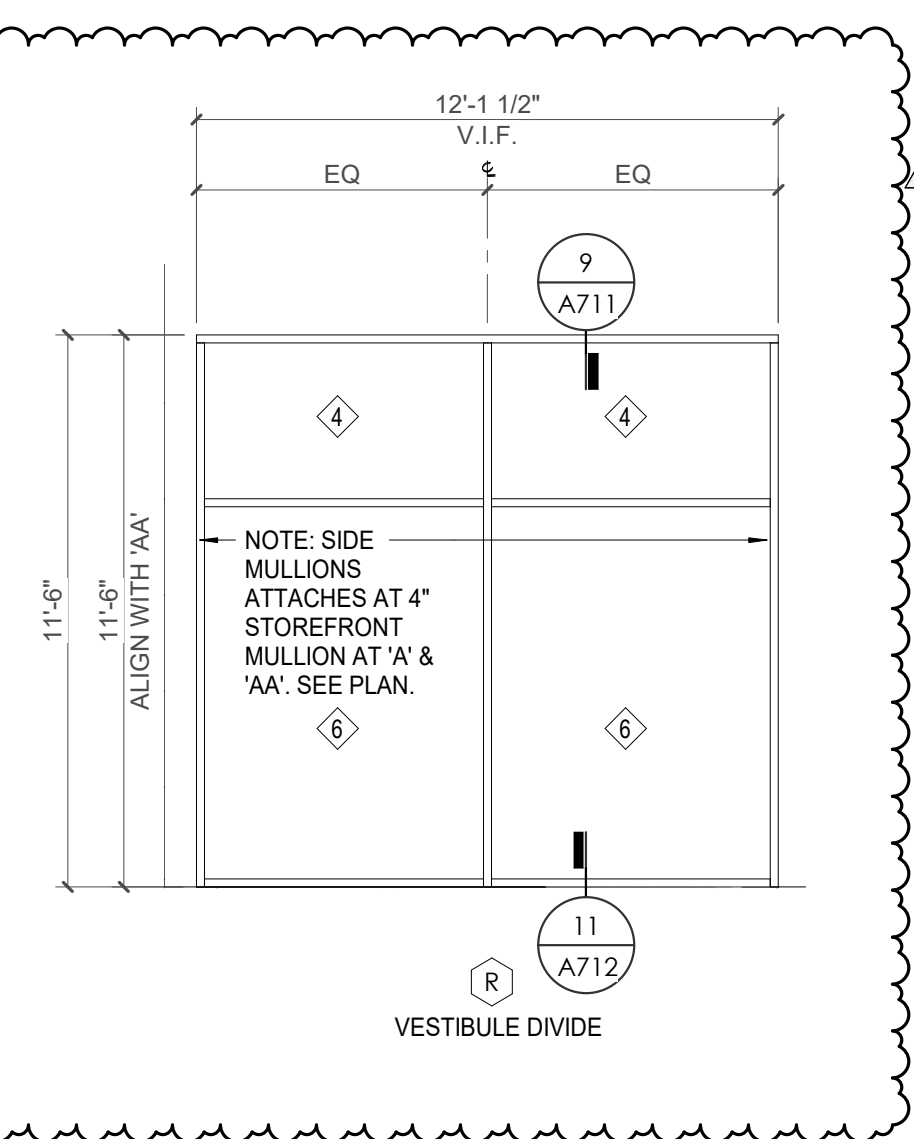
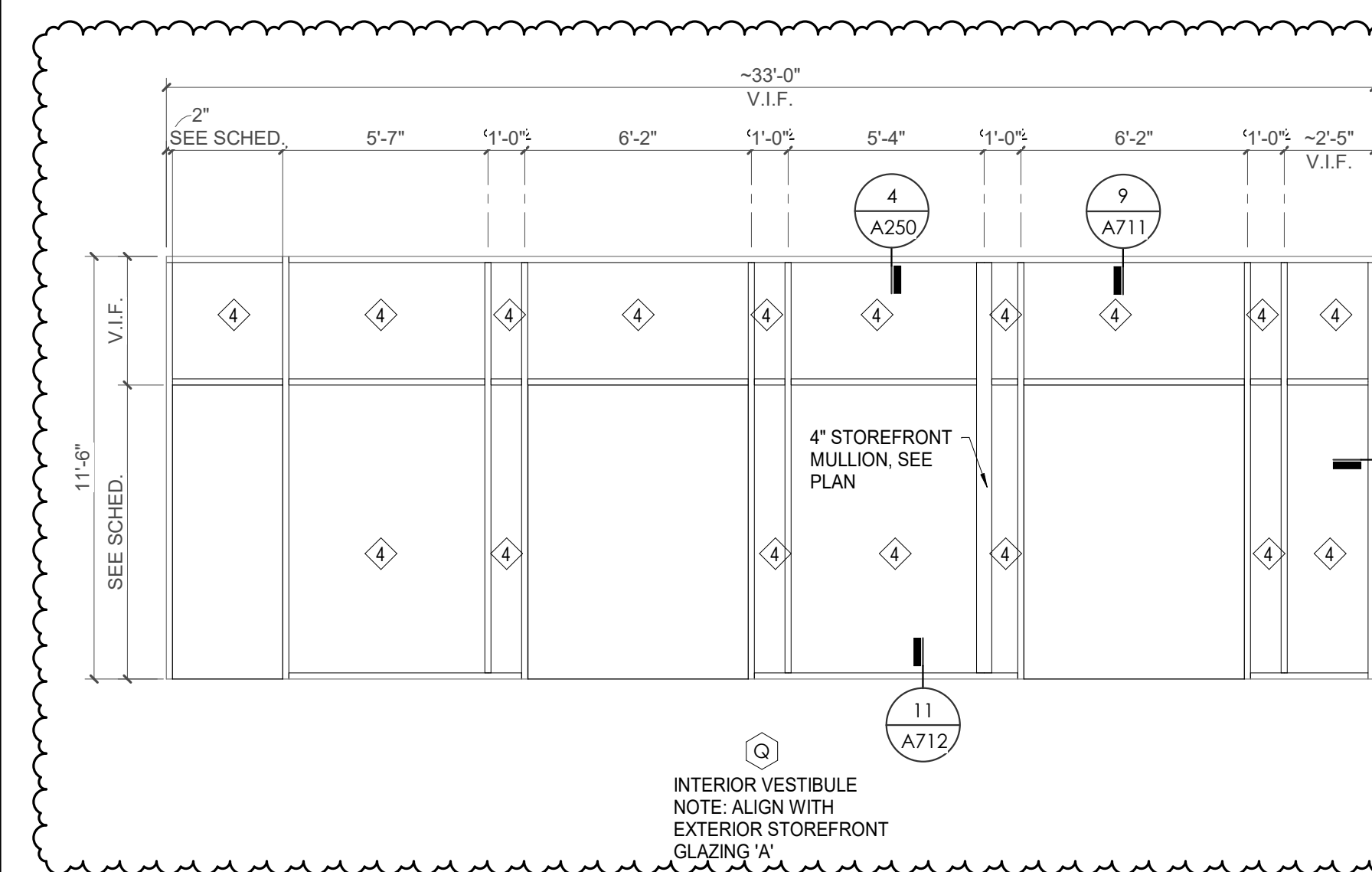
DOOR & WINDOW DETAIL DESIGNATIONS



GLAZING KEY



NOTES:
 1. ALL WINDOWS ON MEMORIAL WALL GROUPED AS WINDOW 'G'. VERIFY ALL DIMENSIONS- MULLIONS TO ALIGN WITH EXISTING WINDOWS LEVEL LL1 & GROUND FLOOR
 2. CURTAINWALL 'G' FINISH - ALUMINUM FRAME & SPANDREL TO MATCH 'CLEAR ANODIZED ALUMINUM'. SEE MANUF. STANDARD COLOR SELECTIONS.





Project Information:

19018

COK SAFETY BUILDING

900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:
Architects Design Group

#	ISSUE	DATE
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 PIC: DAVID COLLINS
 PM: JOHN THURMAN
 PA: LAUREN BUSH /
 Drawn By: Author
 Checked By: B. PIERCY

Drawing Info:

A801.1

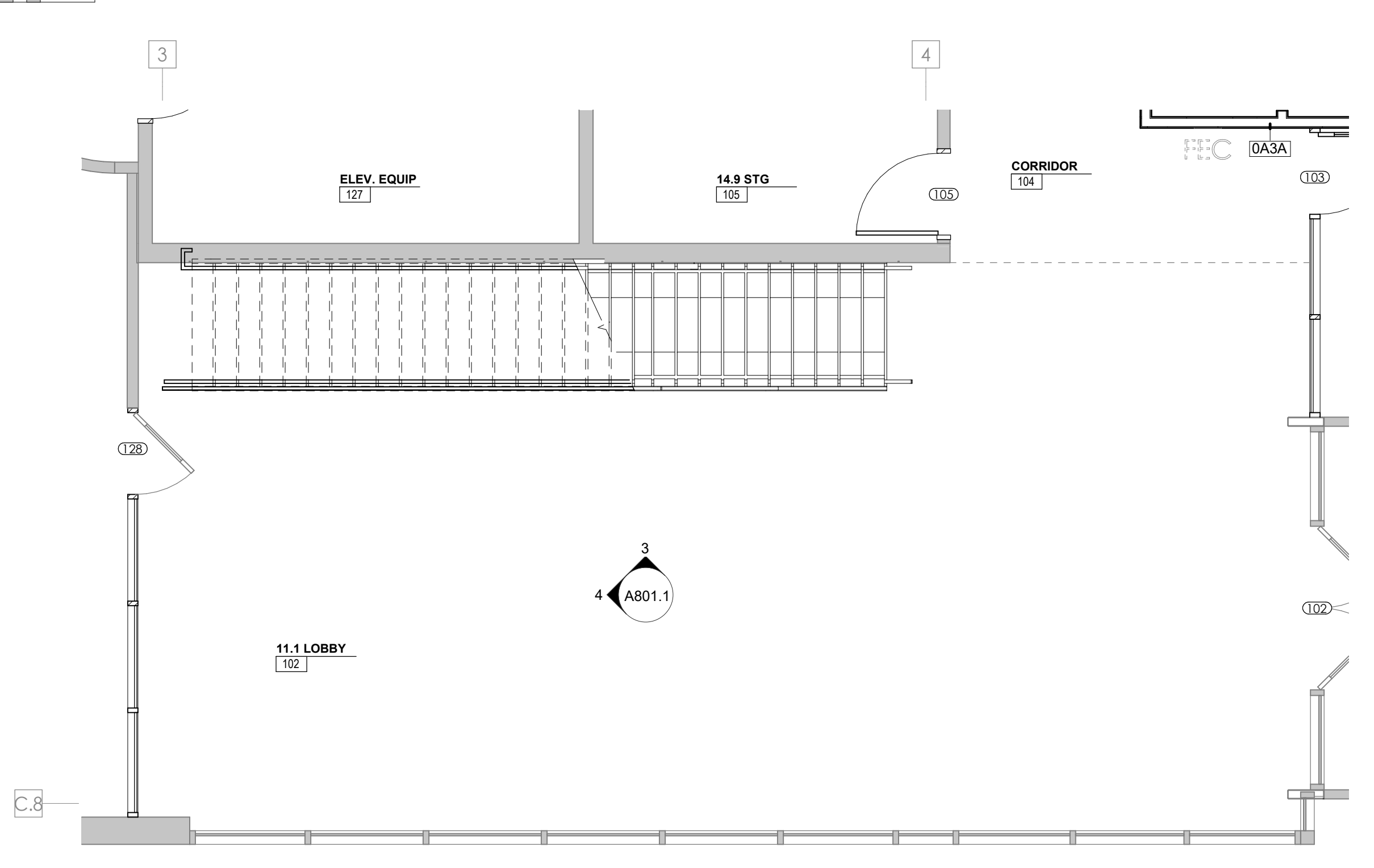
WP - ENLARGED PLANS AND ELEVATIONS - LOBBY

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 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
	4" RECESSED 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

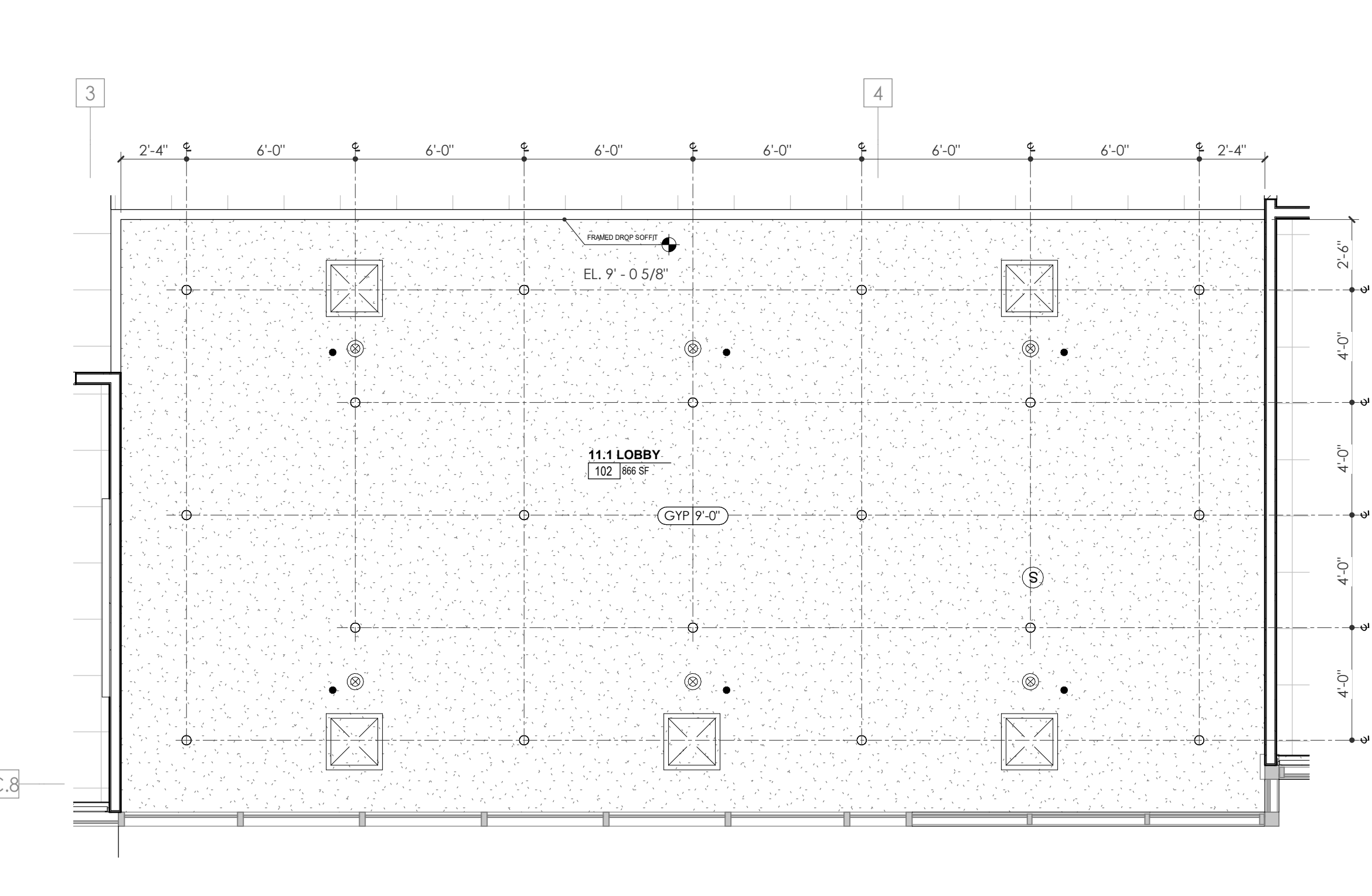
WALL LEGEND	
	2 HR PARTITION (ASSEMBLY VARIES)
	1 HR PARTITION (ASSEMBLY VARIES)
	BALLISTIC LEVEL 3 PARTITION (ASSEMBLY VARIES)
	NEW PARTITION (ASSEMBLY VARIES)
	EXISTING PARTITION
	EXISTING PARTITION TO BE DEMOLISHED

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	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 AULTUS 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
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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 TRANSLUCENT FILM TO INSIDE FACE OF GLAZING
50	IMPACT RESISTANT STEEL BOLLARD, GENERAL LOCATION SHOWN, COORDINATE LOCATION IN FIELD.
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 STEEL PASS THROUGH COUNTER INSTALLED 34" A.F.F. SEE ENLARGED PLANS FOR INFO.

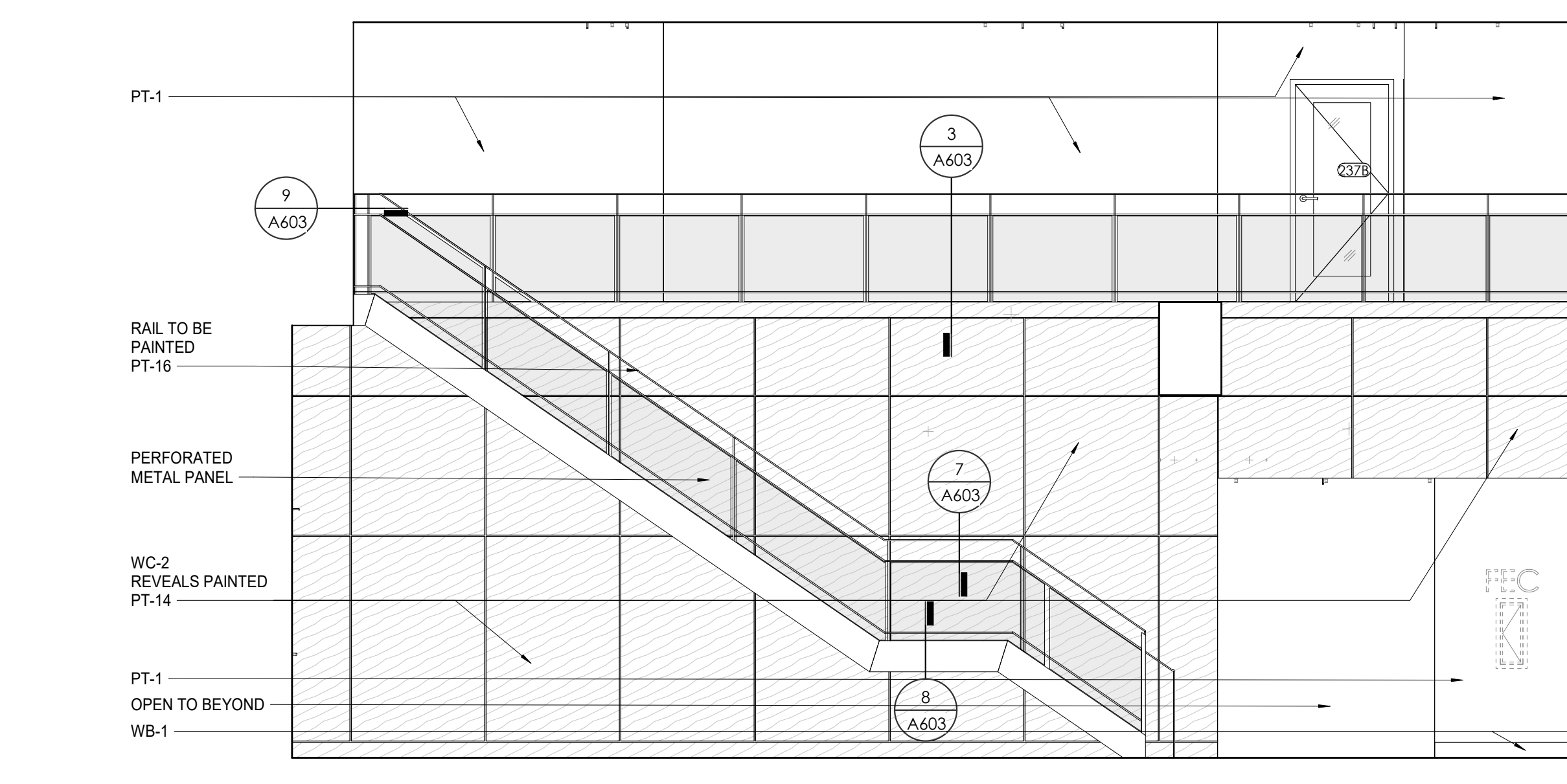
KEYNOTE - RCP	
Tag	Text
1	6" PREFINISHED ALUMINUM TRIM AT PERIMETER
2	6" INTEGRATED ALUMINUM TECHZONE CHANNEL - LIGHTING AND MECHANICAL SUPPLY/RETURN
3	OPERABLE WALL PARTITION
4	ROLLER WINDOW SHADES AT ALL EXTERIOR WORKSPACE WINDOWS - TYP
5	GYP. BD. SOFFIT AT PERIMETER
6	6" PREFORMED ALUMINUM COVE REVEAL
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 3.58" 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. 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.
17	REMOVE EXISTING EIFS SOFFIT AND PROVIDE NEW SUSPENDED EIFS SOFFIT WITH R-30 BATT INSULATION IN OVERHANG CAVITY



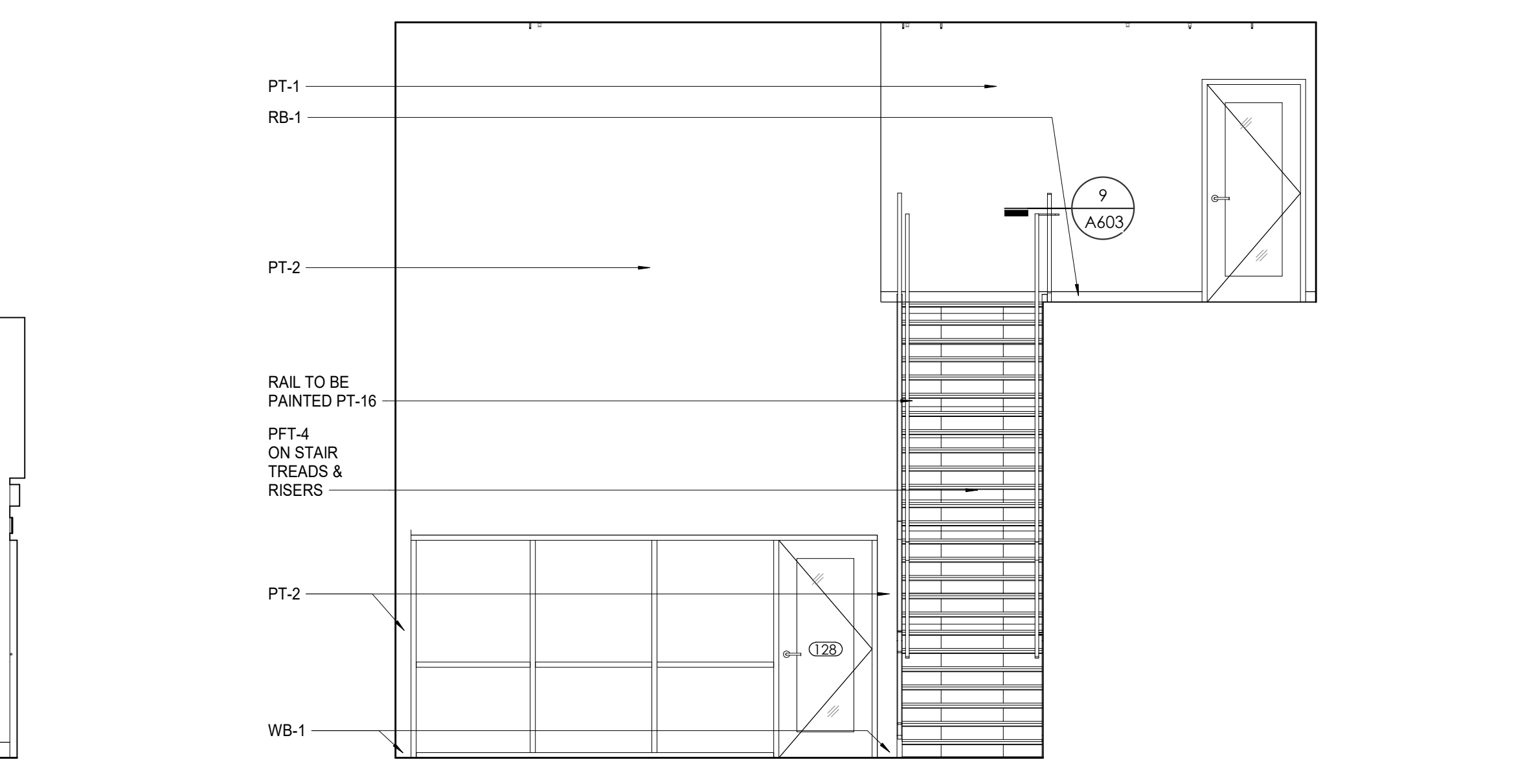
1 ENLARGED FLOOR PLAN - WP - FIRST LEVEL - LOBBY
1/4" = 1'-0"



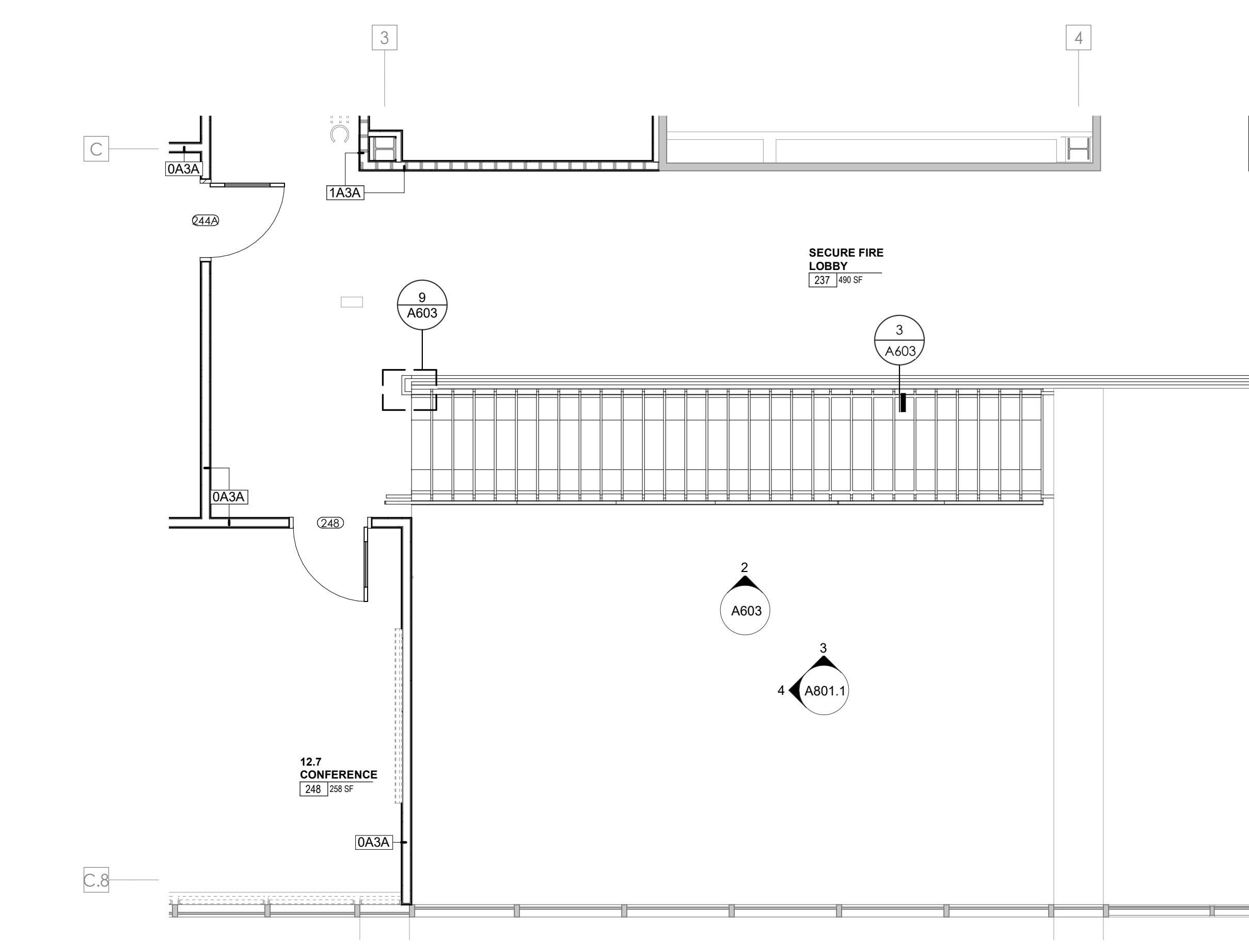
2 ENLARGED RCP - WP - SECOND LEVEL - LOBBY
1/4" = 1'-0"



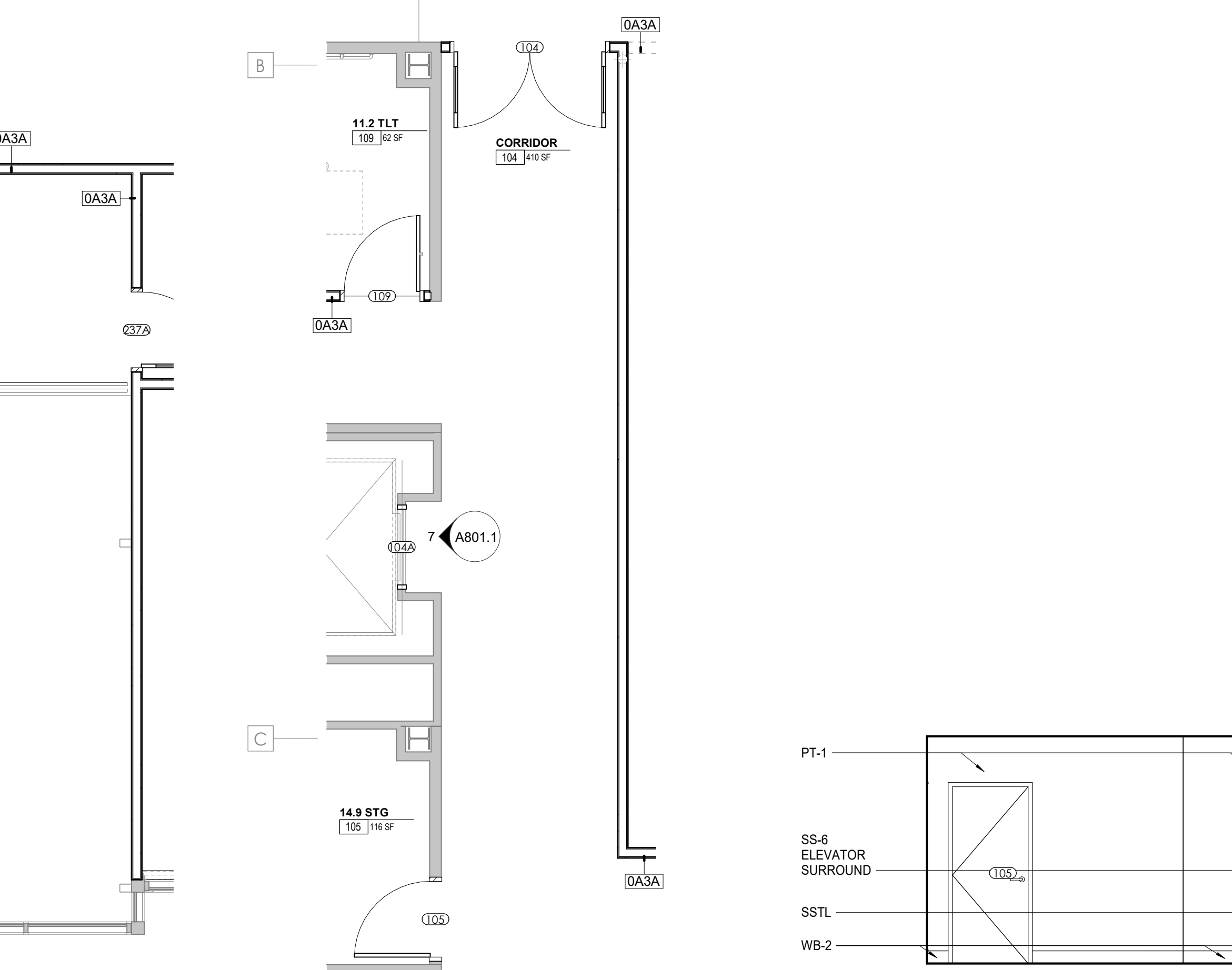
3 WP - FIRST + SECOND LEVEL LOBBY N. ELEVATION
1/4" = 1'-0"



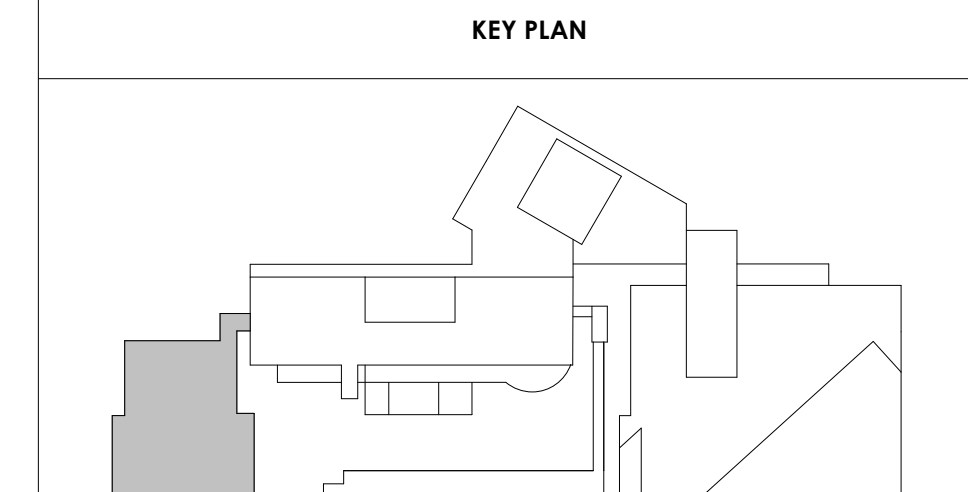
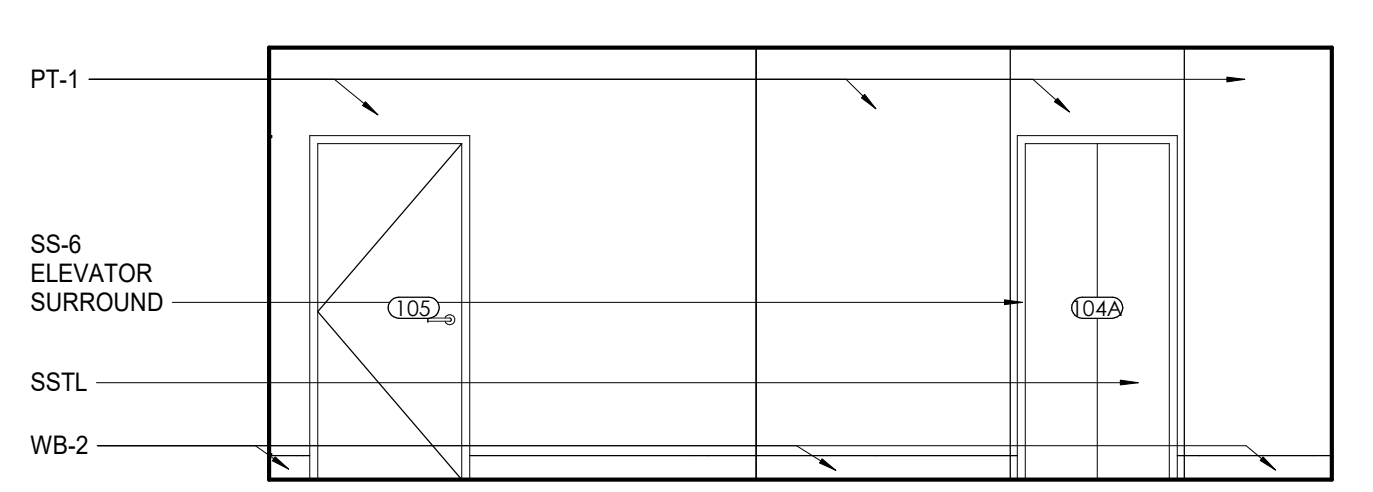
4 WP - FIRST + SECOND LEVEL LOBBY W. ELEVATION
1/4" = 1'-0"



5 ENLARGED FLOOR PLAN - WP - SECOND LEVEL - LOBBY
1/4" = 1'-0"



5 ENLARGED PLAN - WP FIRST LEVEL - ELEVATOR LOBBY
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

Issue Date: FEBRUARY 1, 2021
 PIC: 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

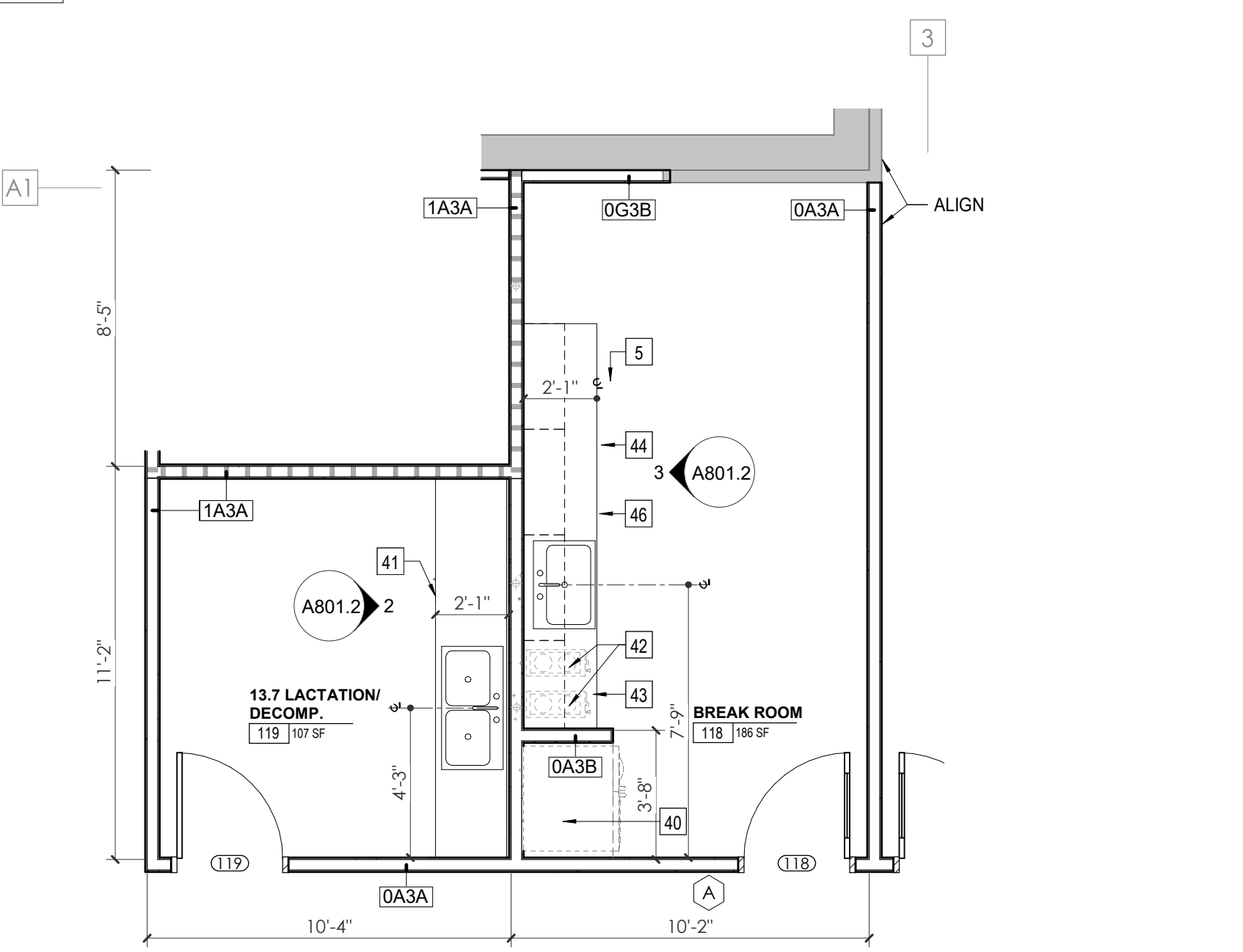
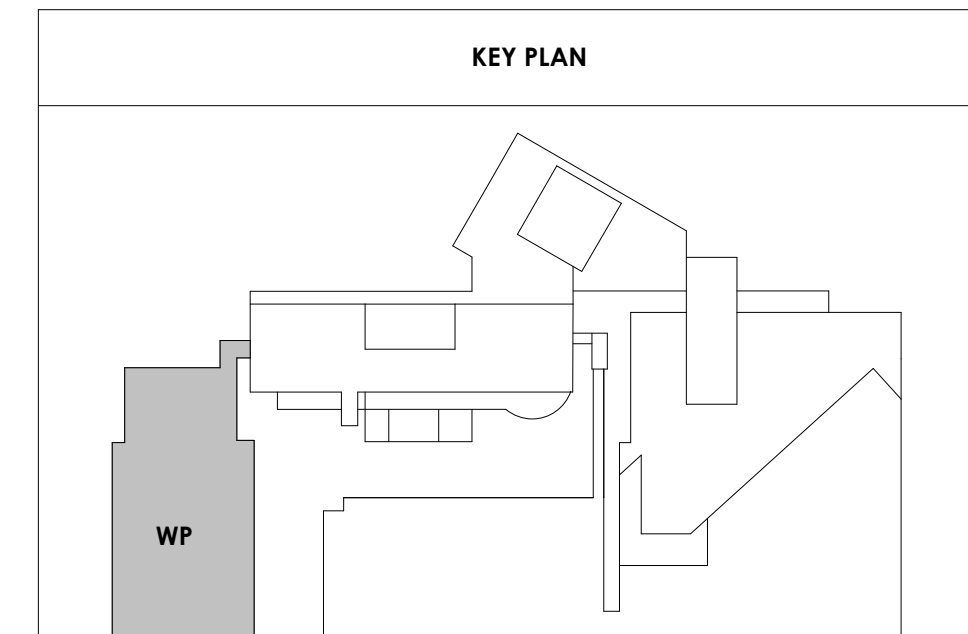
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	44" x 48" ACOUSTICAL CEILING TILE GRID
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	ACCESS PANEL

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	NEW PARTITION (ASSEMBLY VARIES)
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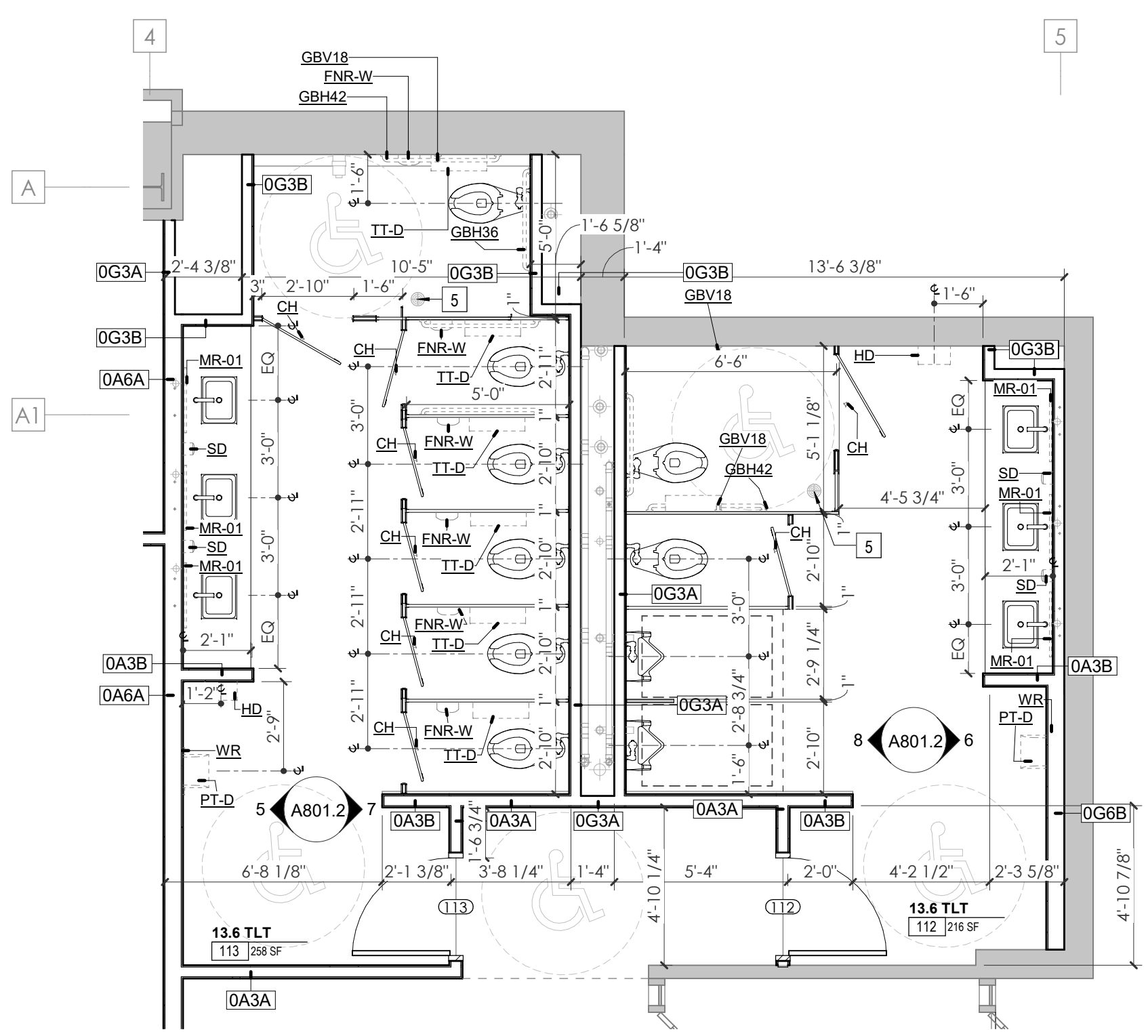
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54	NEW FOLDING ARM. SEE ELECTRICAL PLAN FOR ADDITIONAL INFORMATION
55	NEW BADGE IN ACCESS READER, SEE SHEET AS120 AND ELECTRICAL FOR ADDITIONAL INFORMATION
56	RESTRIPE PARKING TO ACCOMMODATE FOR ACCESSIBLE PARKING SPACES SHOWN. REFER TO CIVIL FOR ADA 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
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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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71	24" DEEP STAINLESS STEEL PASS THROUGH COUNTER INSTALLED 34" A.F.F. SEE ENLARGED PLANS FOR INFO.

Tag	Text
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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
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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 3/8" METAL STUD & 5/8" WATER RESISTANT GYP. BD. CEILING, WITH 1" MIN. RIGID INSULATION & WATERPROOF MEMBRANE IN PLENUM. CONTRACTOR TO VERIFY WATERIGHT 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.
17	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

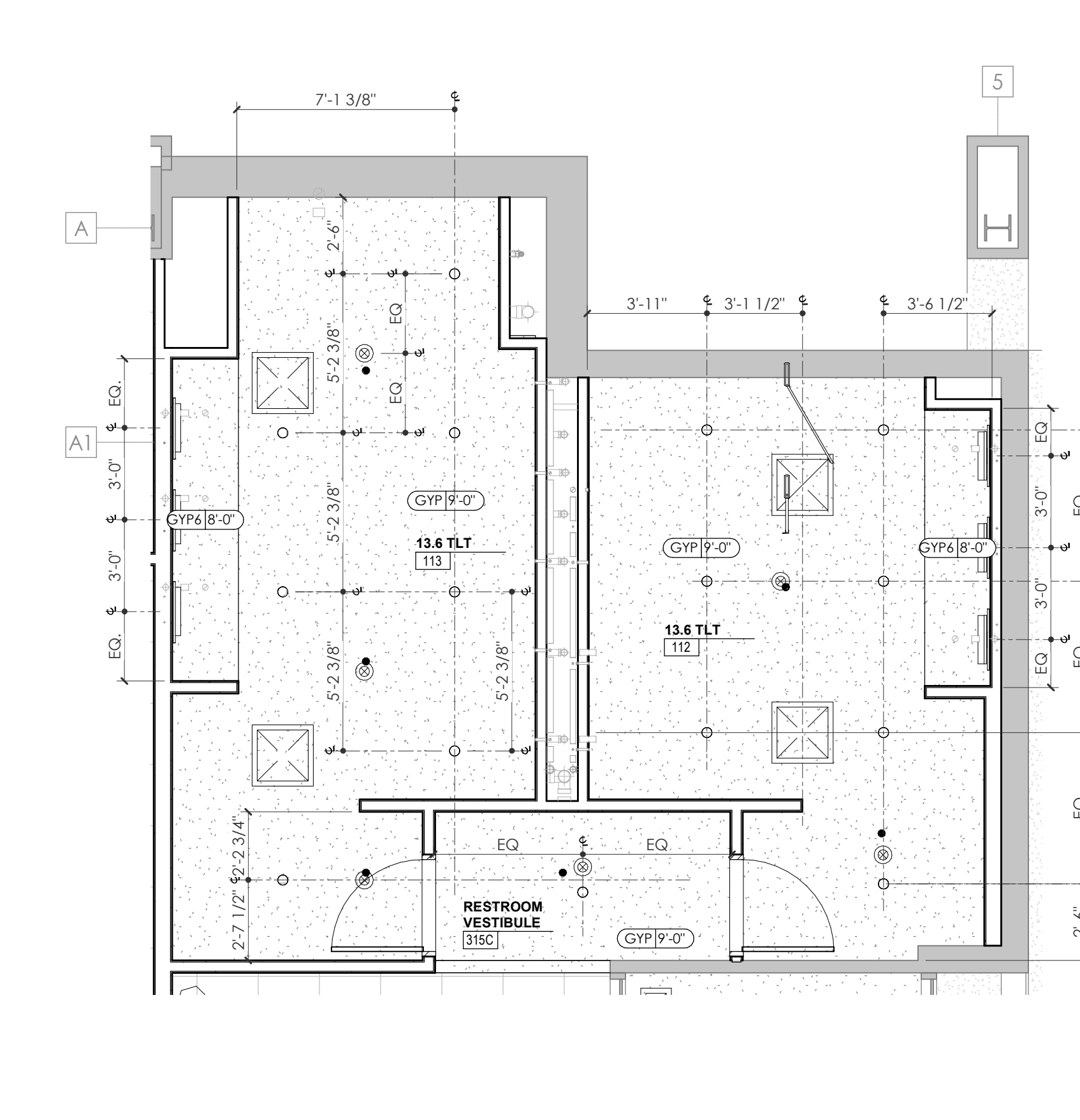


1 ENLARGED PLAN - WP - FIRST LEVEL - BREAK RM 118 & LAC RM 119
A801.2 1/4" = 1'-0"

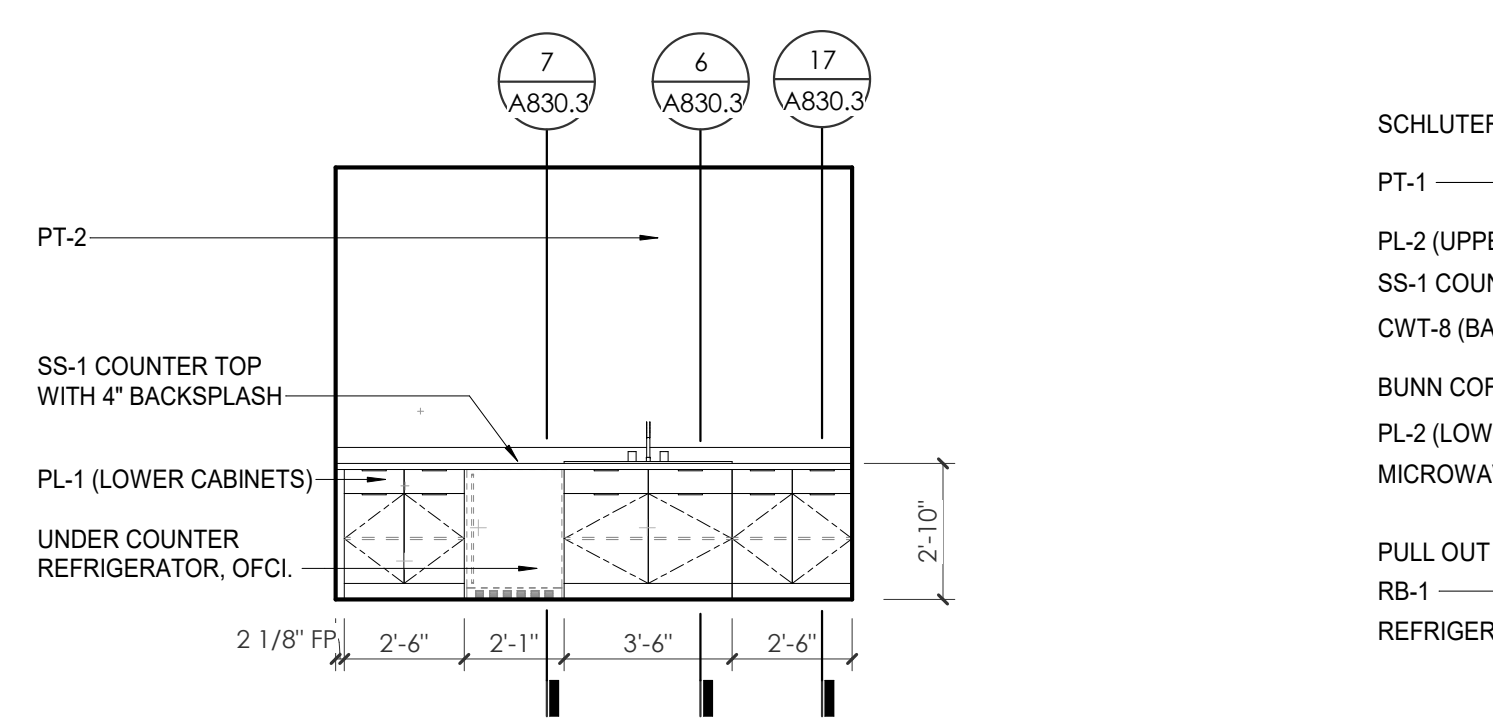


5 WP - GROUND LEVEL - TLT 113 W. ELEVATION
A801.2 1/4" = 1'-0"

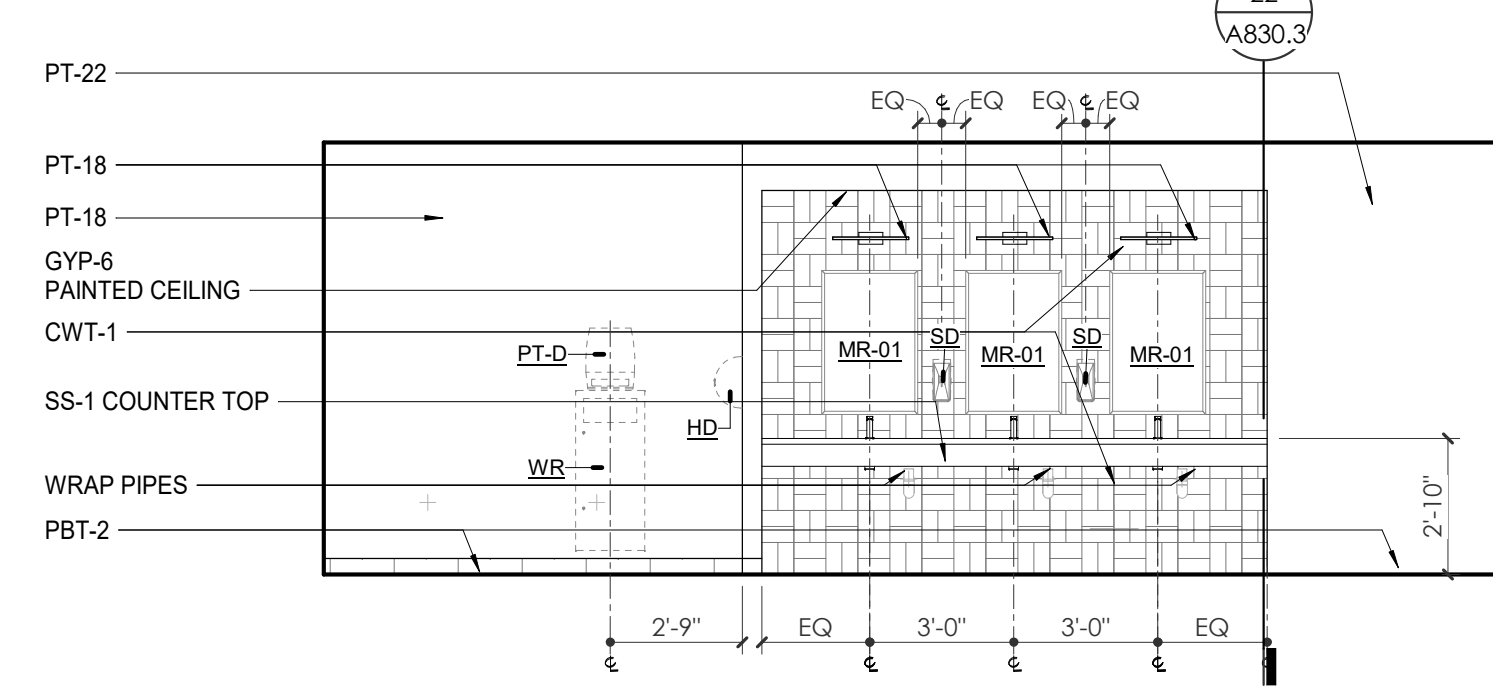
4 ENLARGED PLAN - WP GROUND LEVEL 112/113 TLT
A801.2 1/4" = 1'-0"



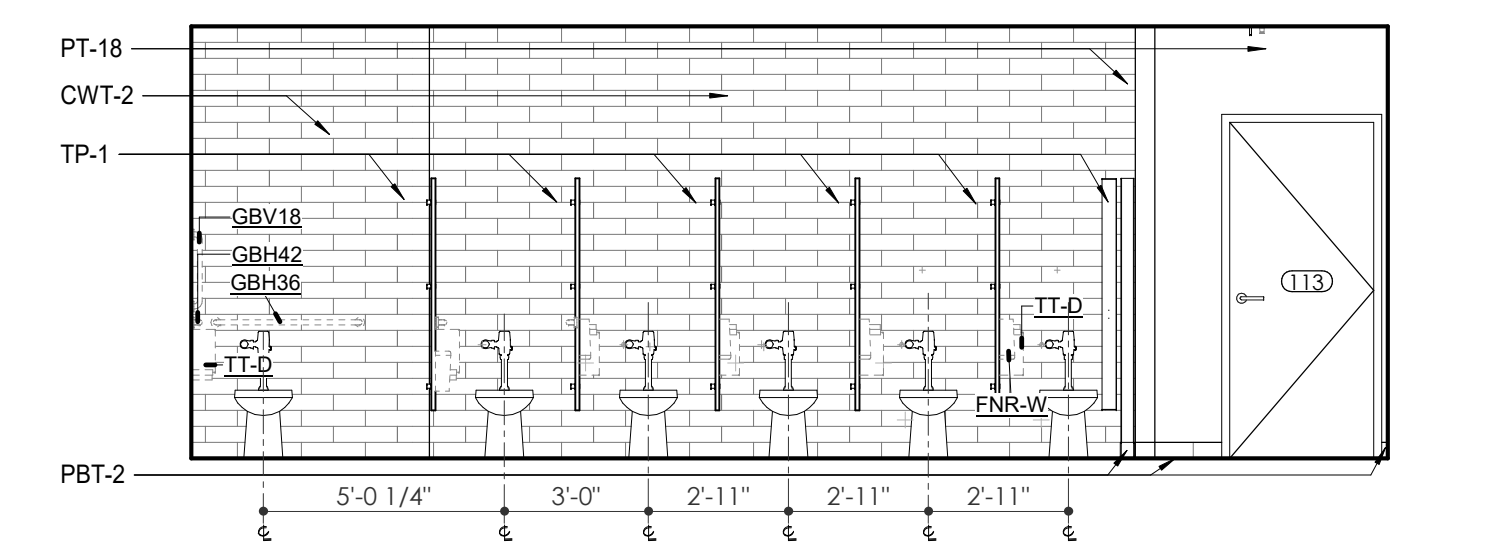
9 ENLARGED RCP - WP GROUND LEVEL 112/113 TLT
A801.2 1/4" = 1'-0"



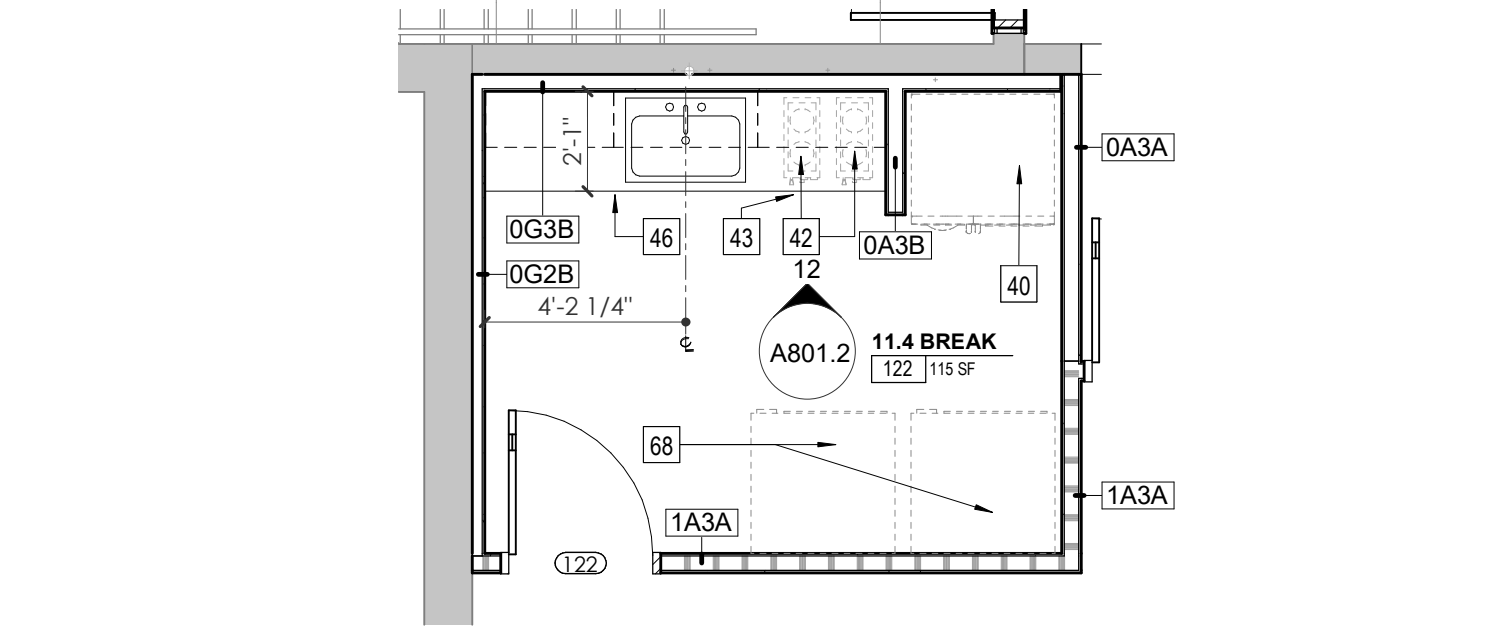
2 WP - FIRST LEVEL - LAC RM 119
A801.2 1/4" = 1'-0"



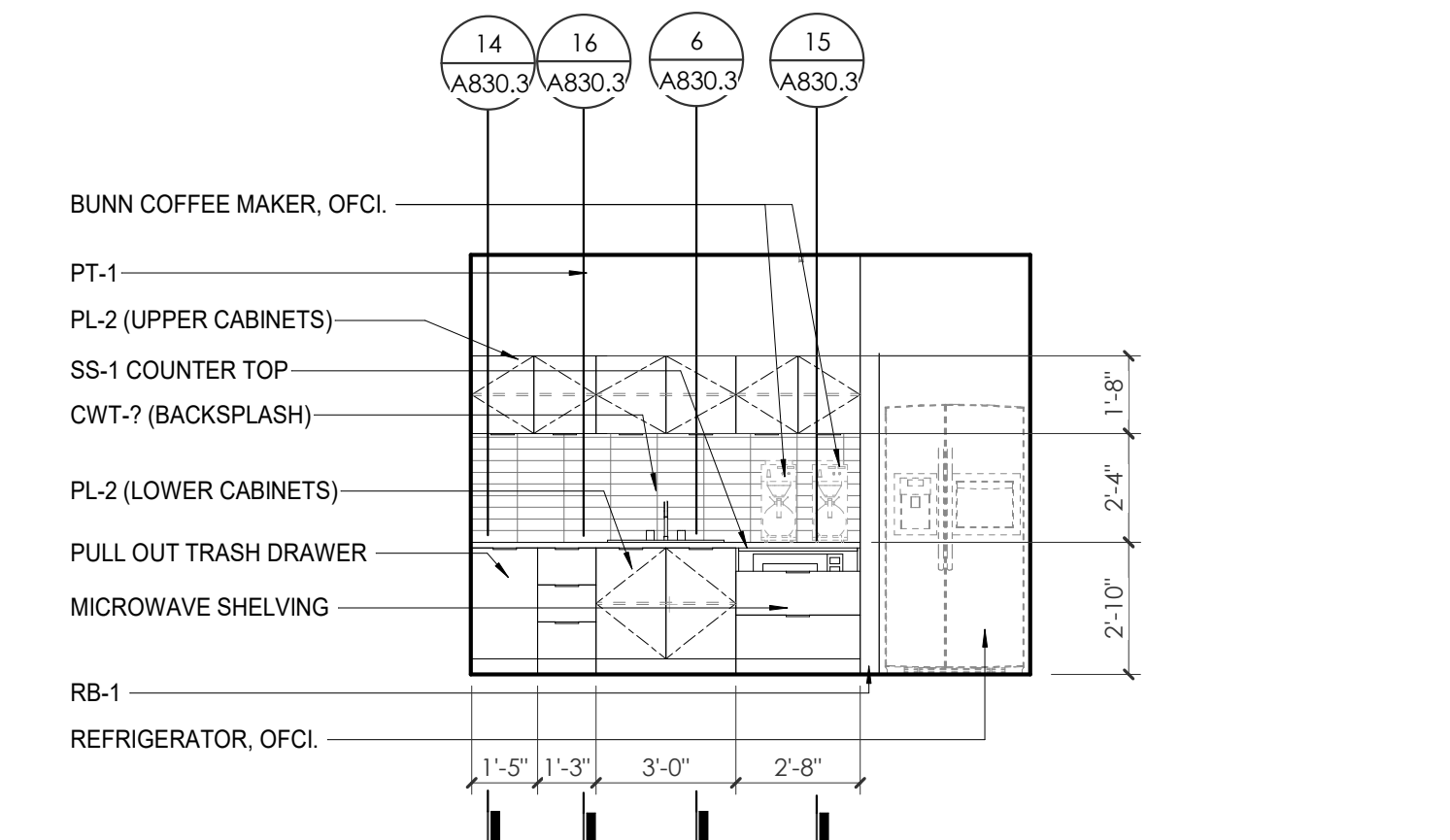
3 WP - FIRST LEVEL - BREAK ROOM 118 W. ELEVATION
A801.2 1/4" = 1'-0"



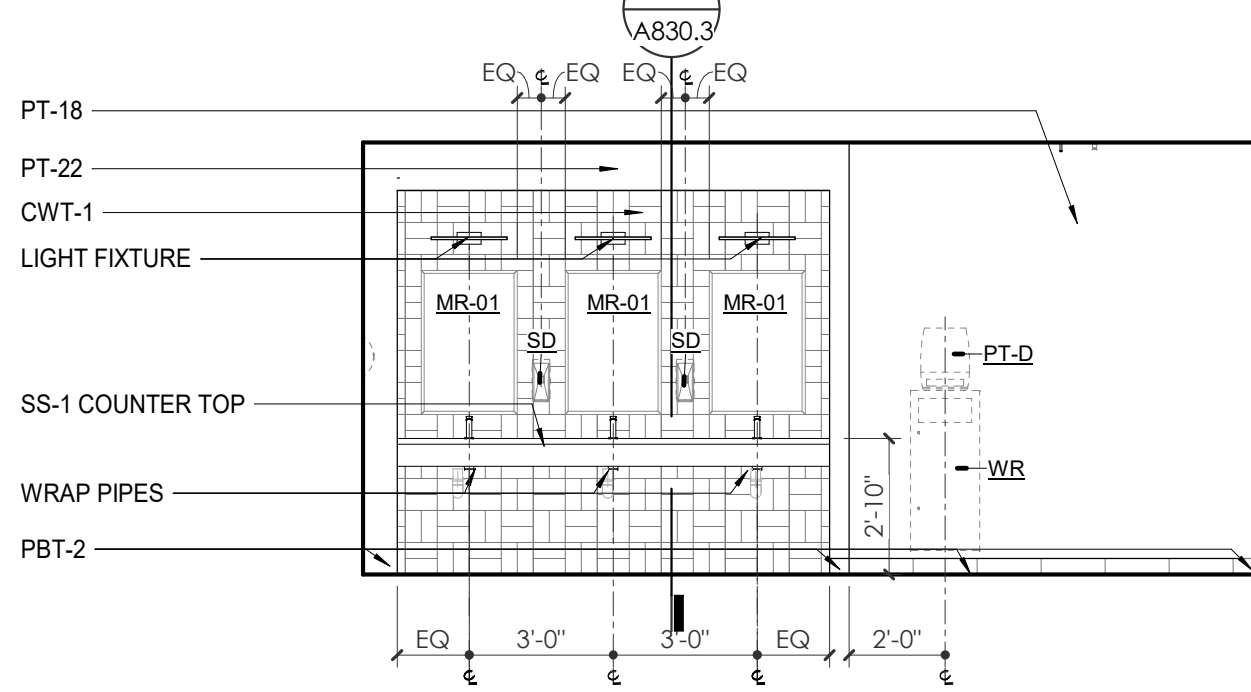
6 WP - GROUND LEVEL - 13.6 TLT 112 E. ELEVATION
A801.2 1/4" = 1'-0"



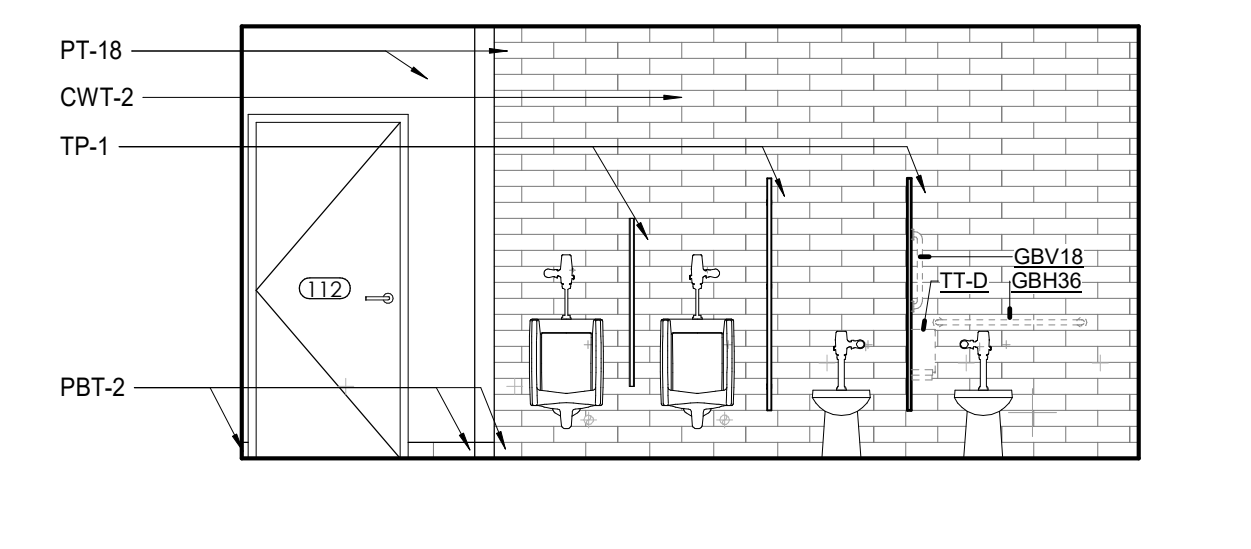
7 WP - GROUND LEVEL - TLT 113 E. ELEVATION
A801.2 1/4" = 1'-0"



10 ENLARGED PLAN - WP - FIRST LEVEL - BREAK RM 122
A801.2 1/4" = 1'-0"



11 ENLARGED RCP - 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"



Project Information:

19018

COK SAFETY BUILDING

900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:
Architects Design Group

Issue Date: FEBRUARY 1, 2021
PIC: 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

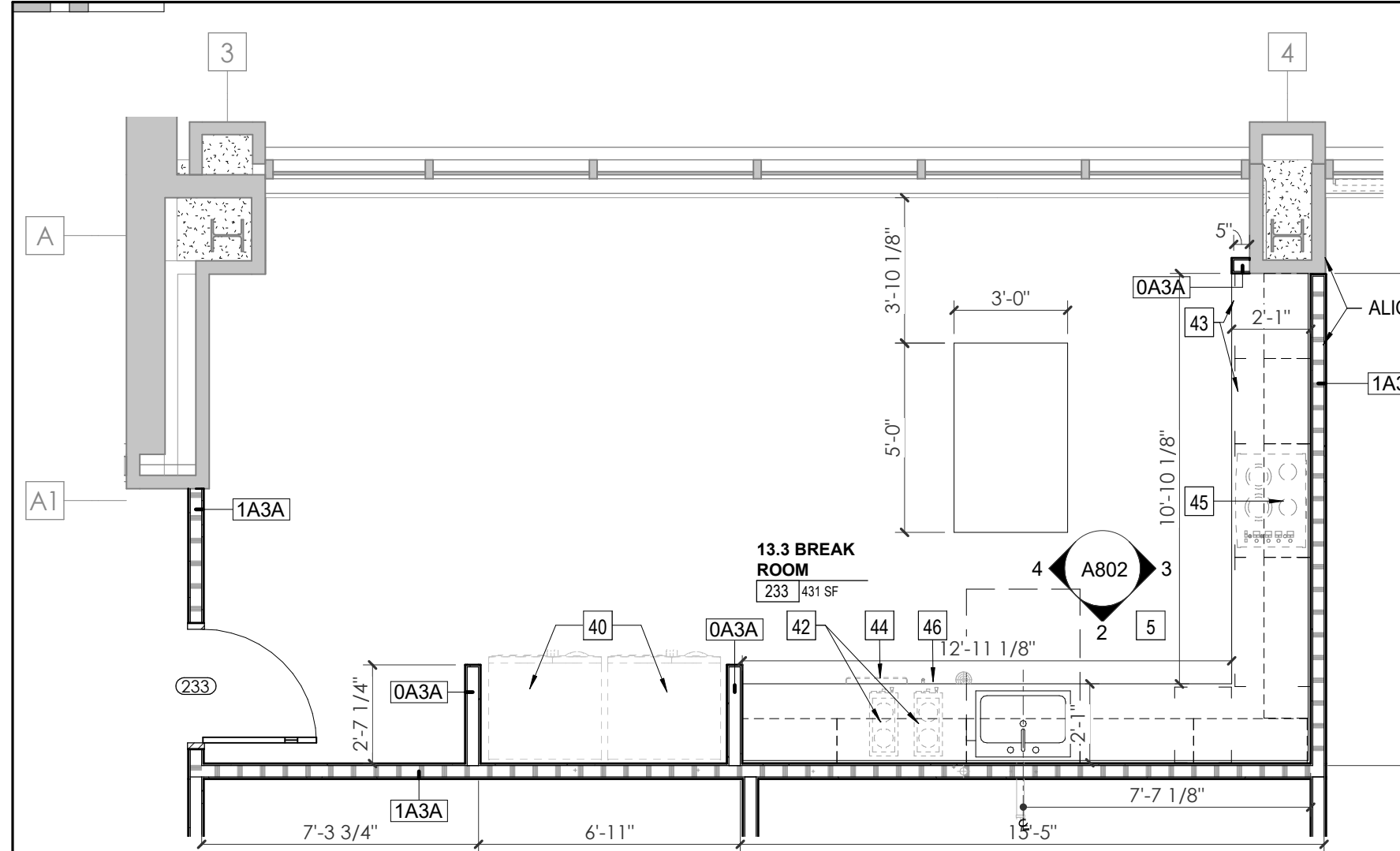
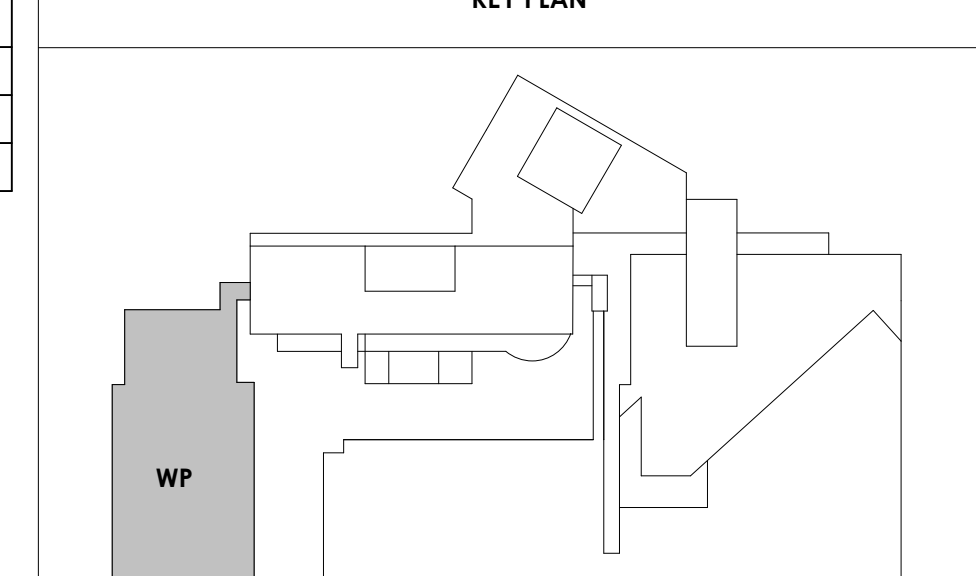
WALL LEGEND	
	2 HR PARTITION (ASSEMBLY VARIES)
	1 HR PARTITION (ASSEMBLY VARIES)
	BALLISTIC LEVEL 3 PARTITION (ASSEMBLY VARIES)
	NEW PARTITION (ASSEMBLY VARIES)
	EXISTING PARTITION
	EXISTING PARTITION TO BE DEMOLISHED

KEYNOTES - FLOOR PLANS

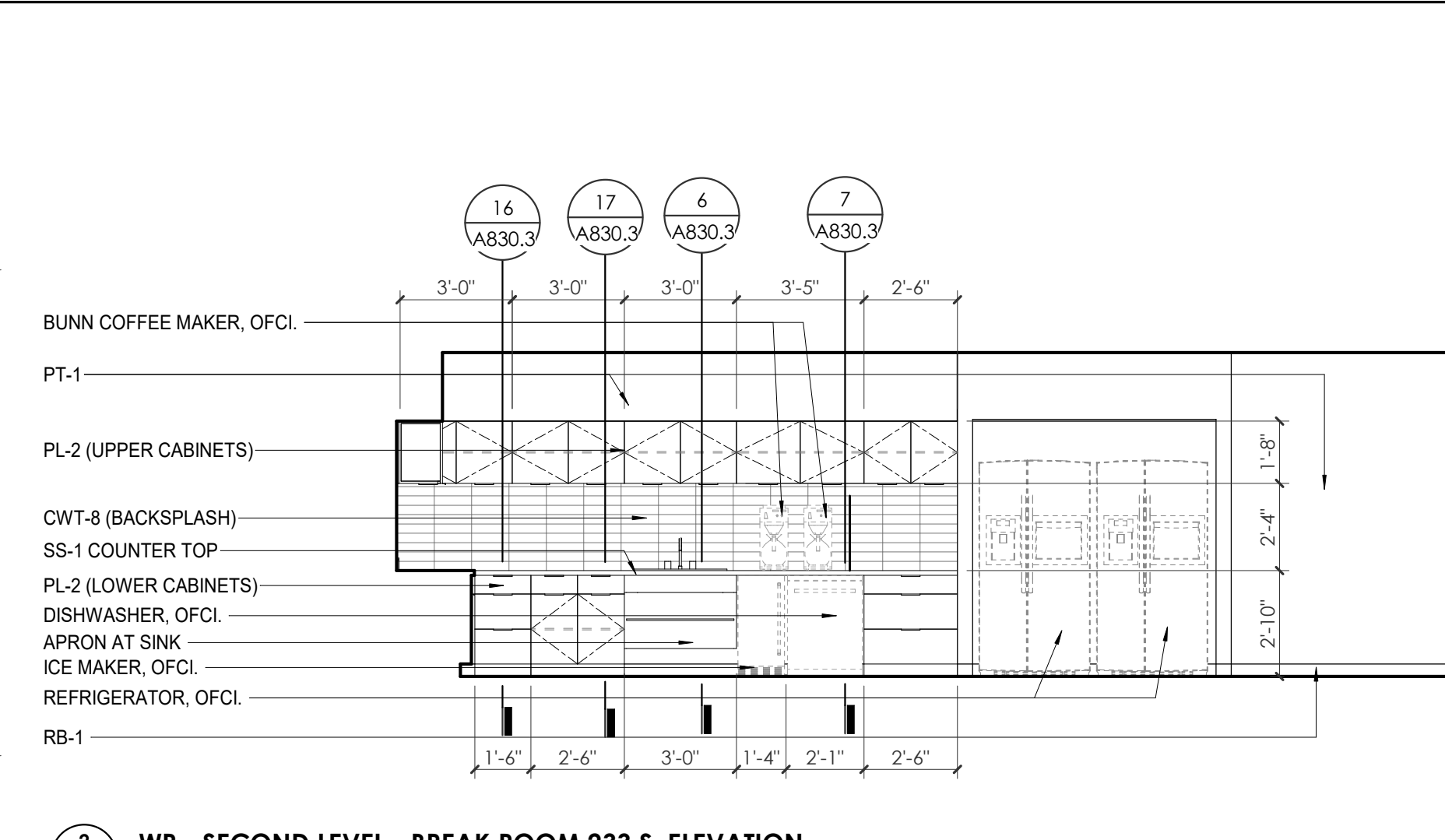
- | Tag | Text |
|-----|---|
| 1 | SOFFIT ABOVE (DASHED) |
| 2 | EXISTING EGRESS STAR TO REMAIN - PREP & PAINT EXISTING HANDRAILS, STAIR, & WALLS TO REMAIN |
| 3 | EXISTING ELEVATOR TO BE MODIFIED/REPLACED AS REQUIRED TO REACH ALL FOUR (4) FLOORS. SEE ELEVATOR PLANS & DETAILS SHEET FOR INFO |
| 4 | EXISTING 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 | 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 | 16" 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 | APPLY TRANSLUCENT FILM TO INSIDE FACE OF GLAZING |
| 50 | IMPACT RESISTANT STEEL BOLLARD, GENERAL LOCATION SHOWN. COORDINATE LOCATION IN FIELD. |
| 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 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

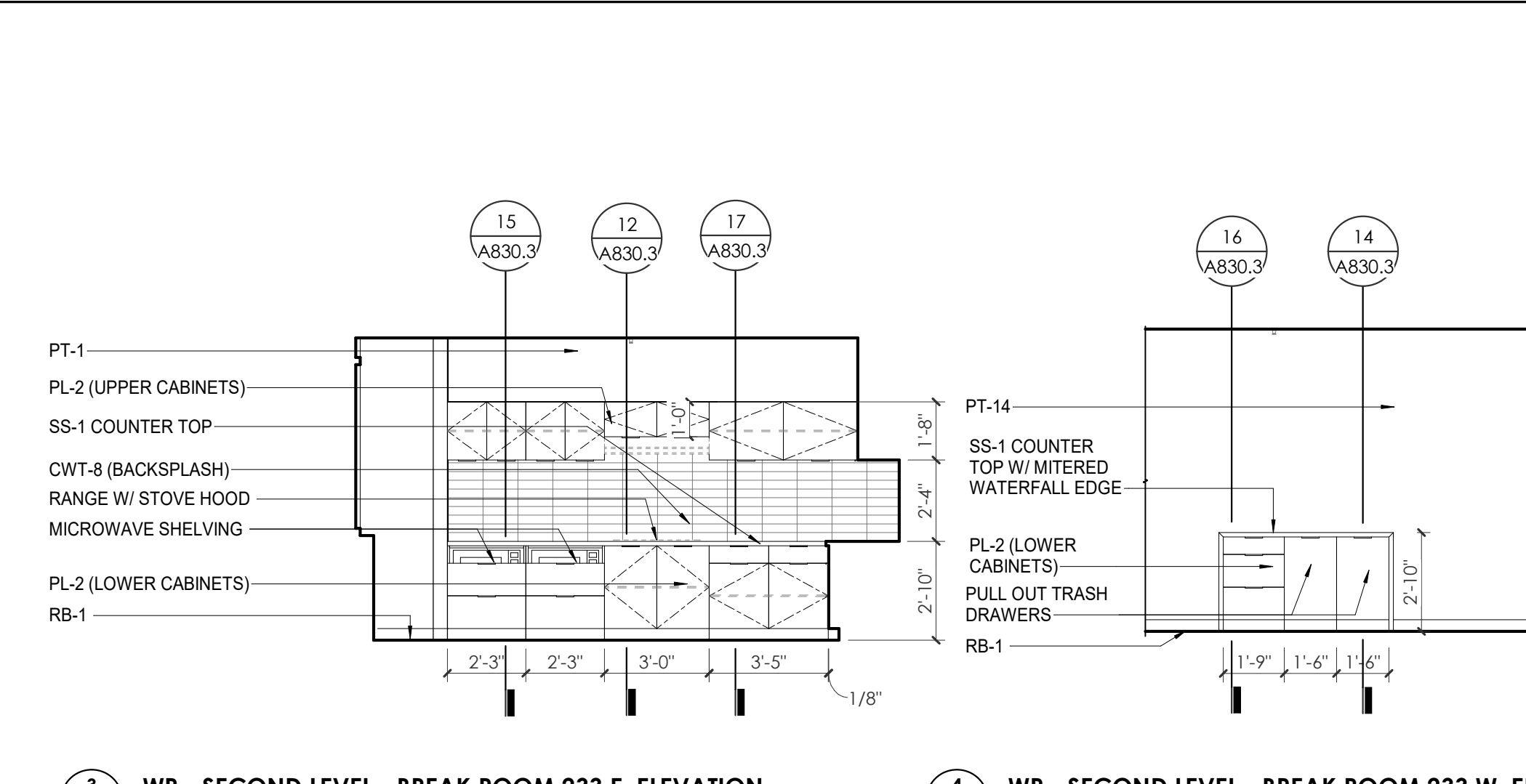
KEY PLAN



1 ENLARGED PLAN - WP - SECOND LEVEL - BREAK ROOM 233
1/4" = 1'-0"

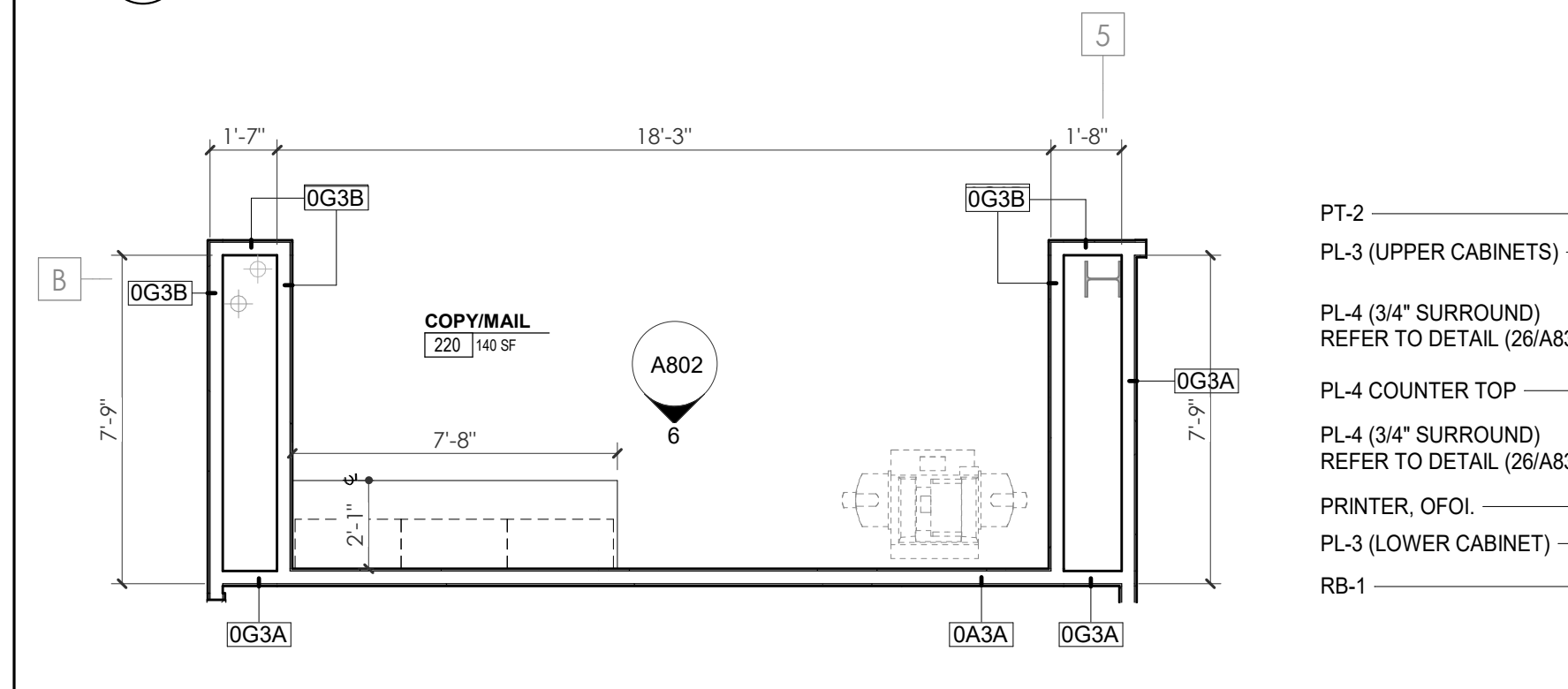


2 WP - SECOND LEVEL - BREAK ROOM 233 S. ELEVATION
1/4" = 1'-0"

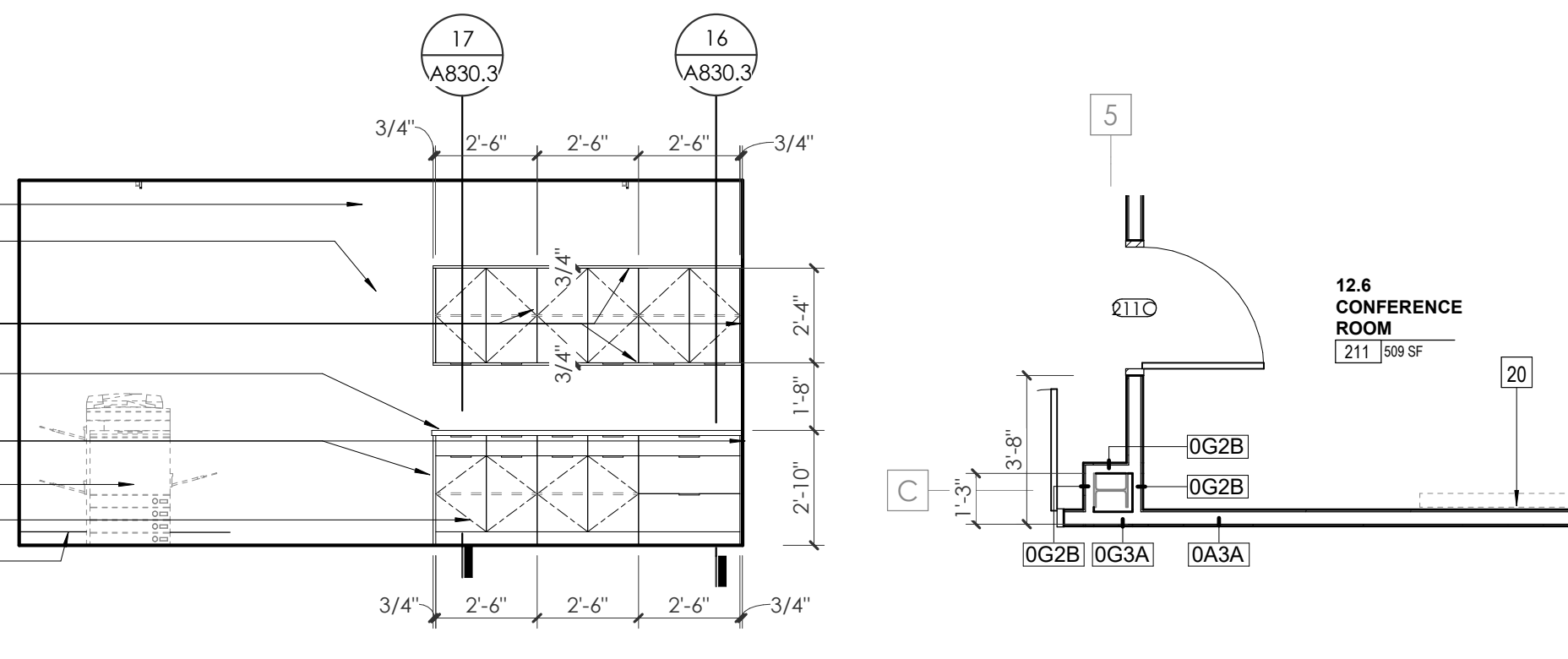


3 WP - SECOND LEVEL - BREAK ROOM 233 E. ELEVATION
1/4" = 1'-0"

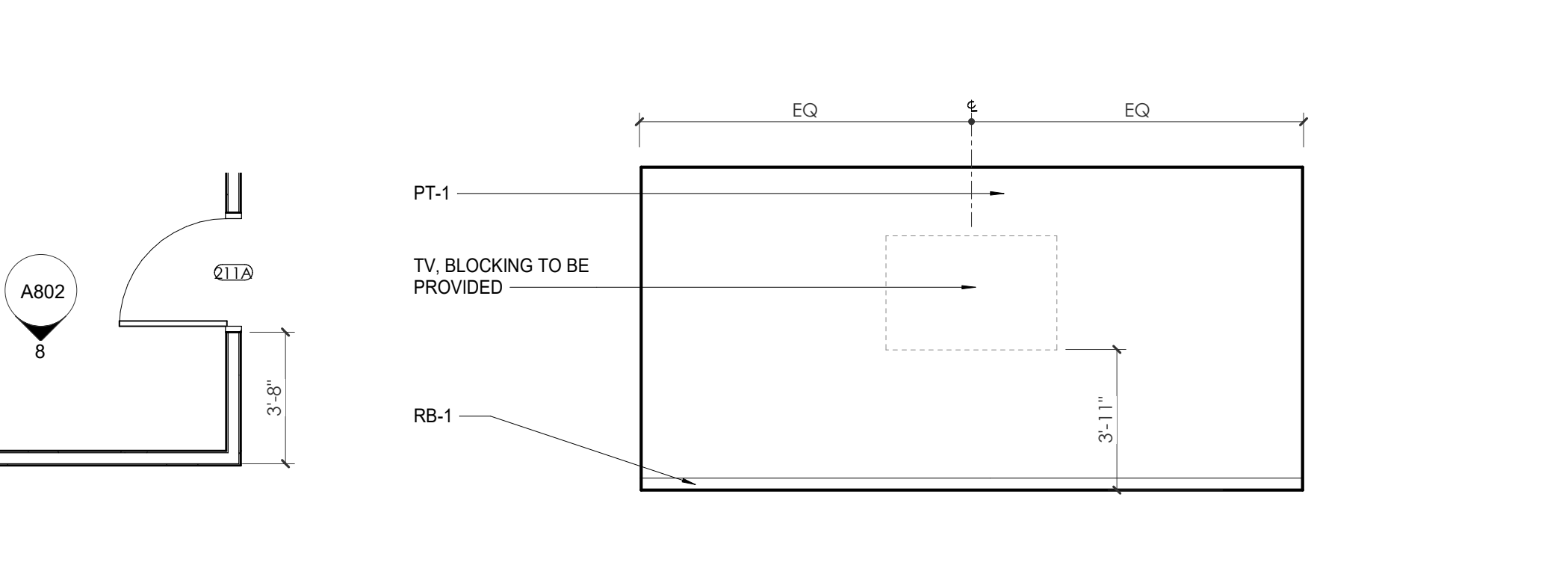
4 WP - SECOND LEVEL - BREAK ROOM 233 W. ELEV
1/4" = 1'-0"



5 ENLARGED PLAN - WP - SECOND LEVEL - COPY/MAIL RM 220
1/4" = 1'-0"

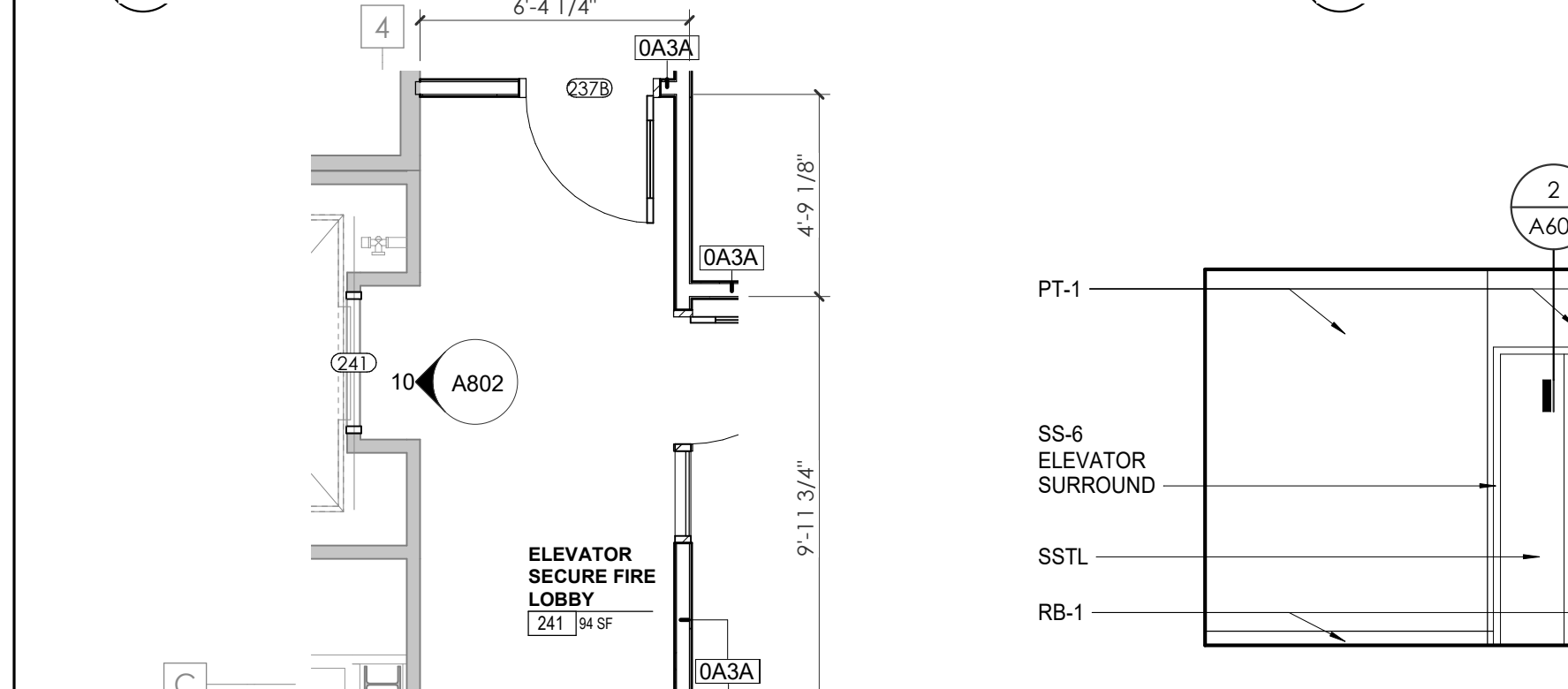


6 WP - SECOND LEVEL - COPY/MAIL 220 S. ELEVATION
1/4" = 1'-0"

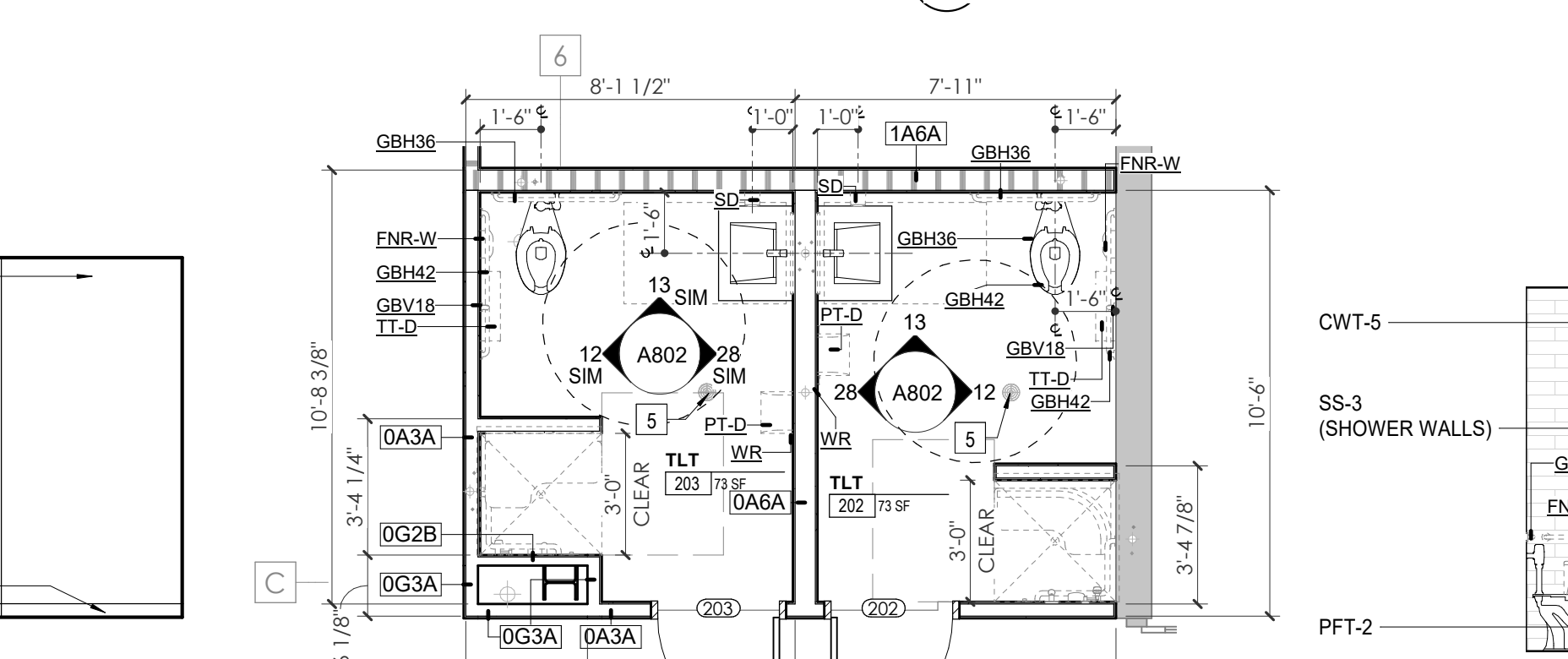


7 ENLARGED PLAN - WP - SECOND LEVEL - CONFERENCE ROOM 211
1/4" = 1'-0"

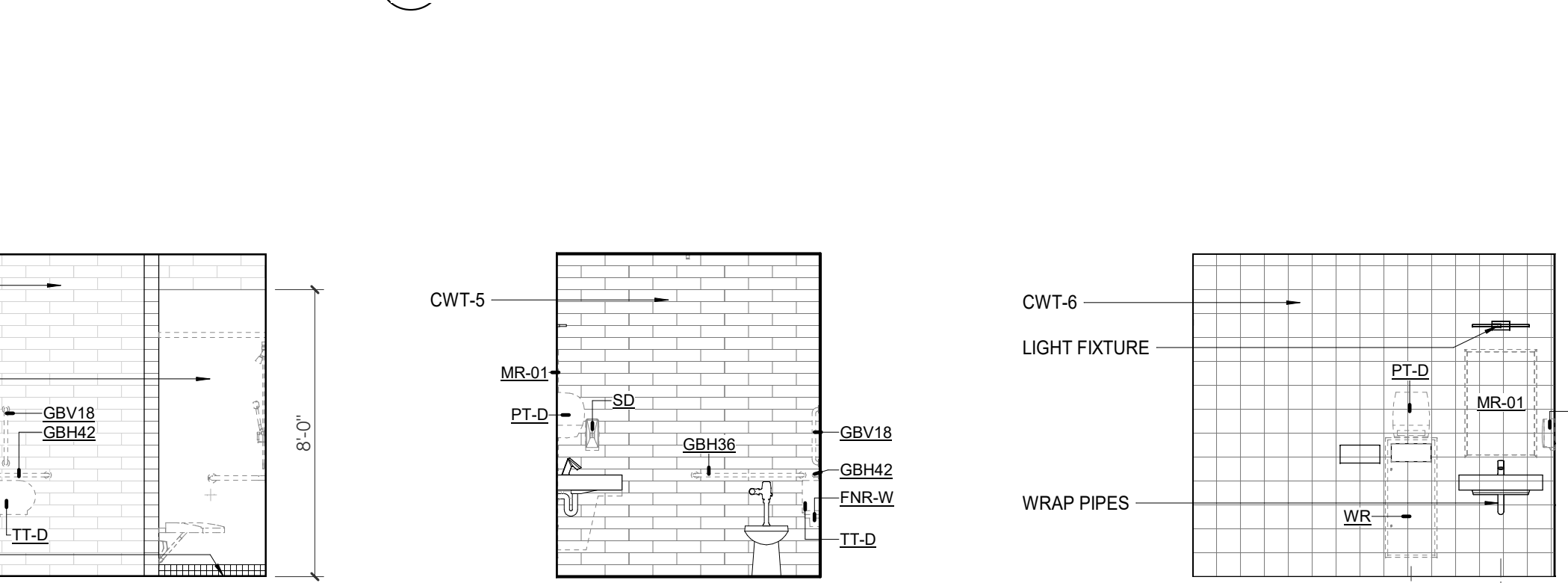
8 WP - SECOND LEVEL - CONFERENCE ROOM 211 S. ELEVATION
1/4" = 1'-0"



9 ENLARGED PLAN - WP SECOND LEVEL - ELEVATOR LOBBY
1/4" = 1'-0"



10 WP - SECOND LEVEL - ELEVATOR LOBBY W. ELEVATION
1/4" = 1'-0"

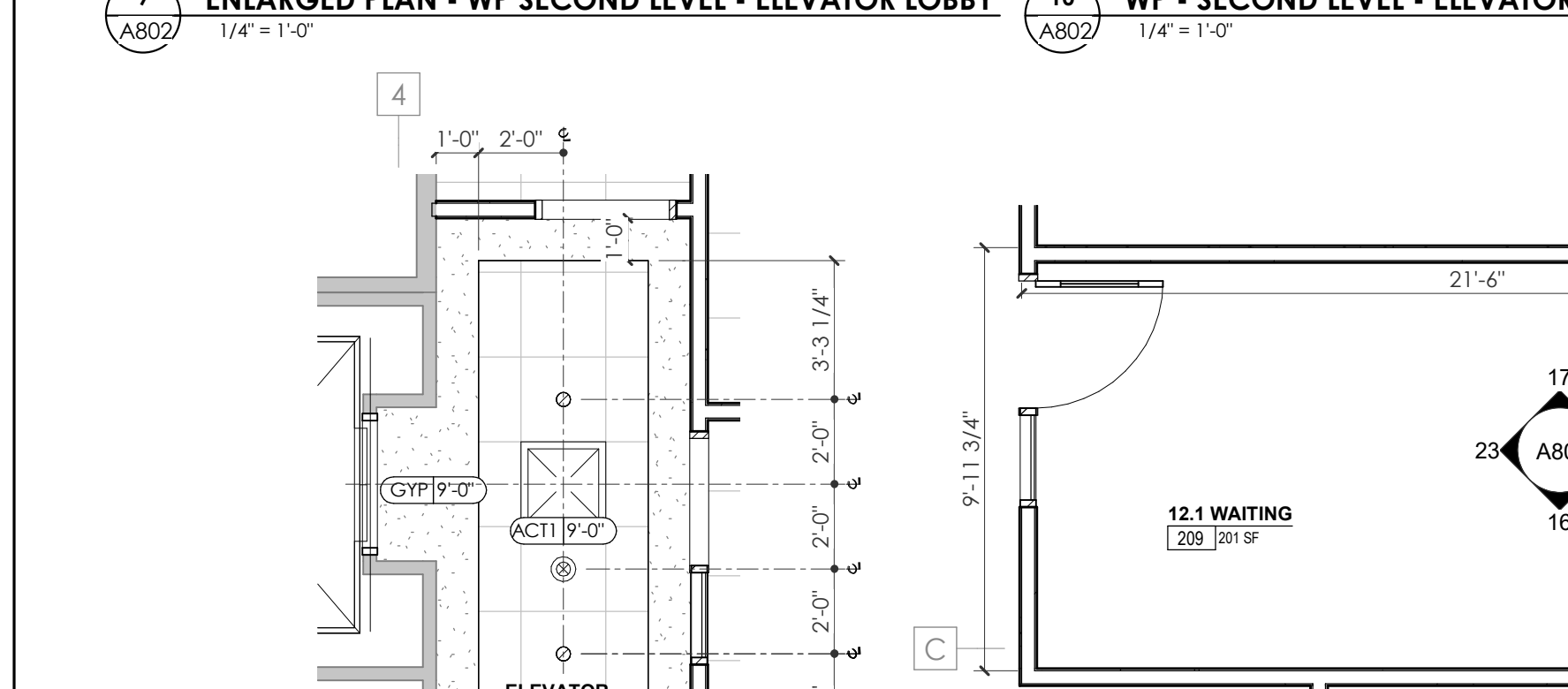


11 ENLARGED PLAN - WP SECOND LEVEL - TLT 202/203
1/4" = 1'-0"

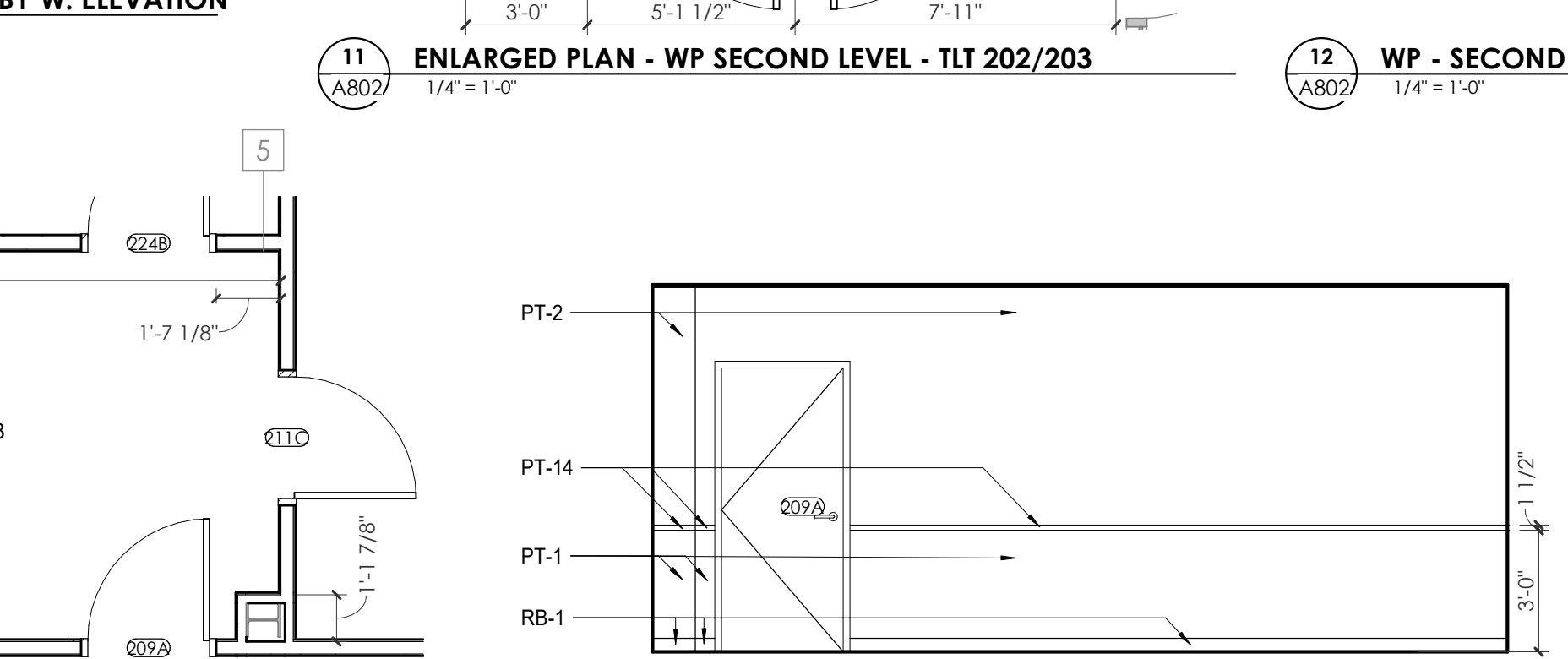
12 WP - SECOND LEVEL - TLT 202 E. ELEVATION
1/4" = 1'-0"

13 WP - SECOND LEVEL - TLT 202 N. ELEVATION
1/4" = 1'-0"

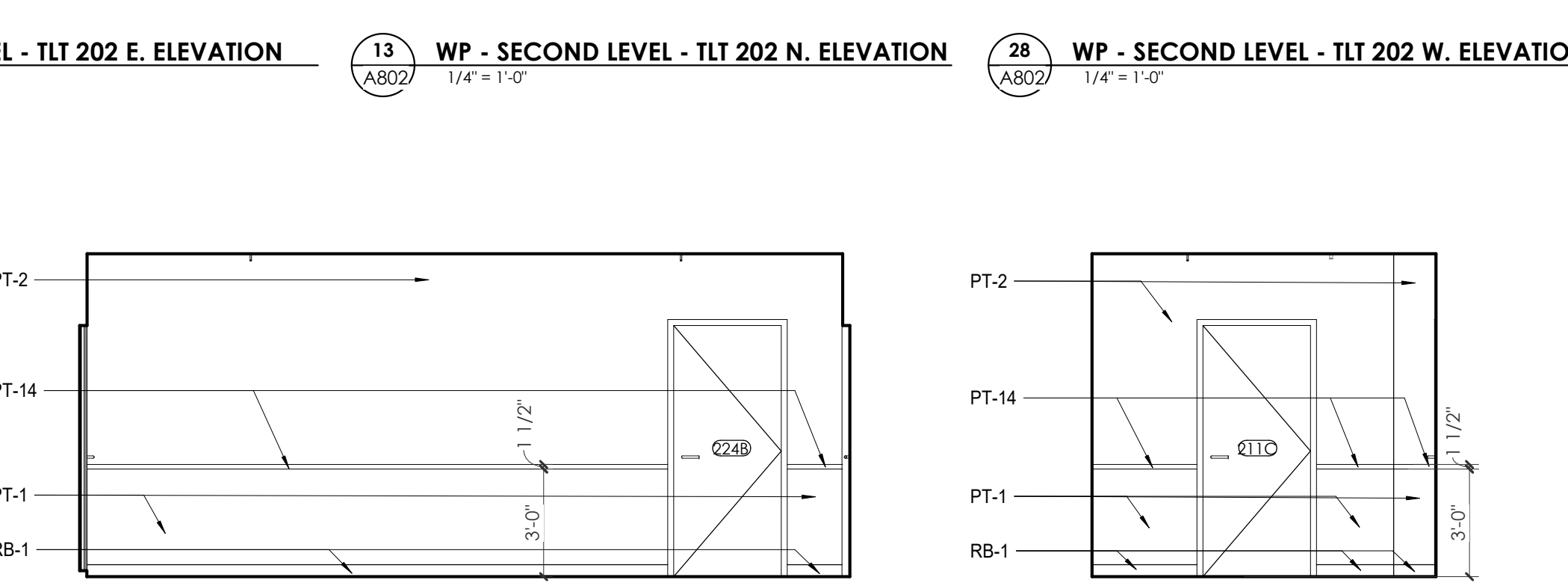
28 WP - SECOND LEVEL - TLT 202 W. ELEVATION
1/4" = 1'-0"



14 ENLARGED RCP - WP SECOND LEVEL - ELEVATOR LOBBY
1/4" = 1'-0"



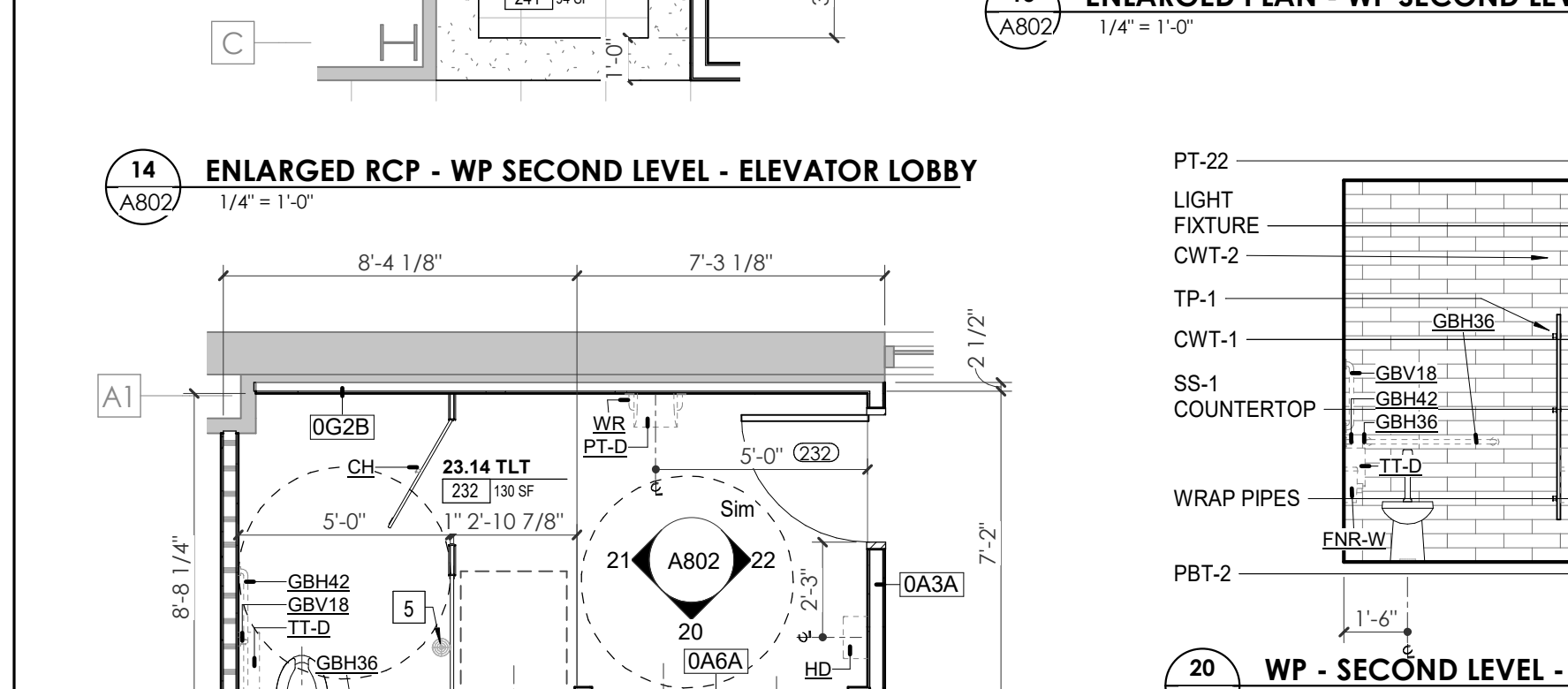
15 ENLARGED PLAN - WP SECOND LEVEL - WAITING 209
1/4" = 1'-0"



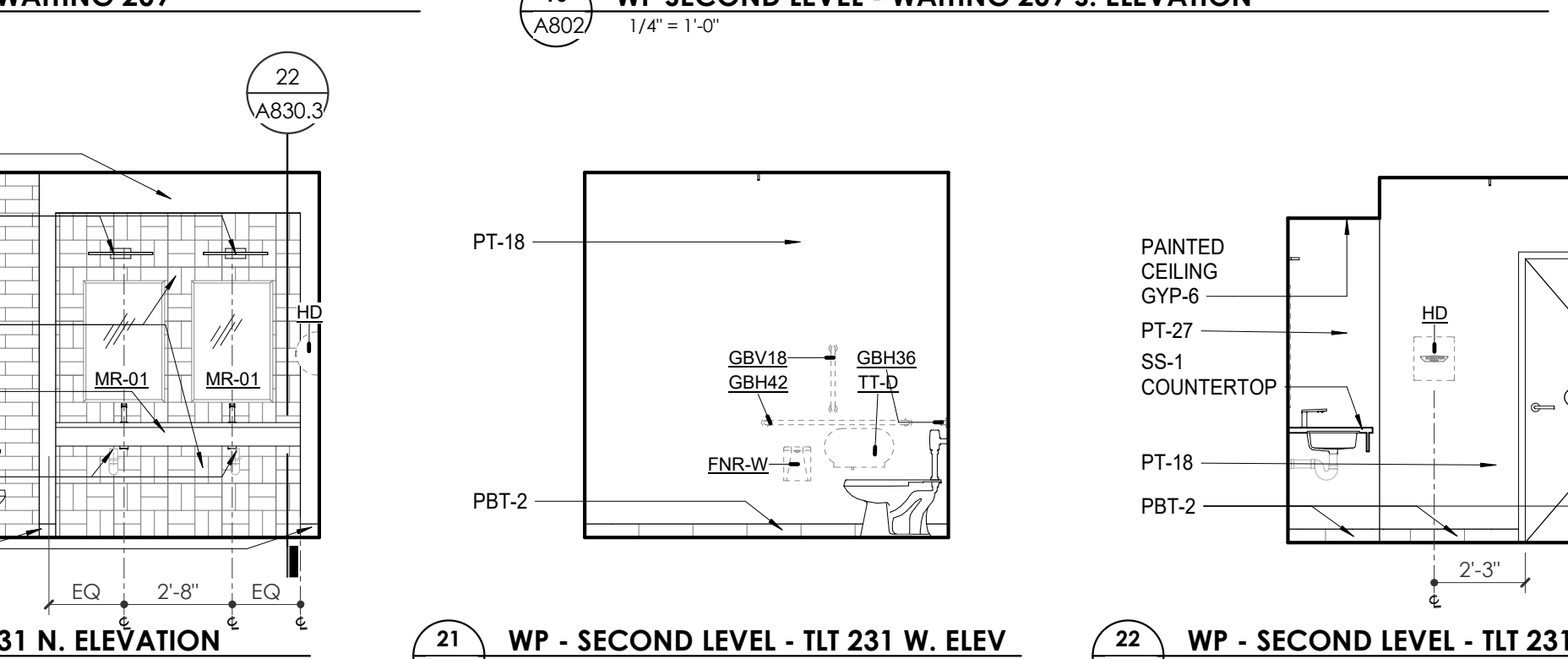
16 WP SECOND LEVEL - WAITING 209 S. ELEVATION
1/4" = 1'-0"

17 WP SECOND LEVEL - WAITING 209 N. ELEVATION
1/4" = 1'-0"

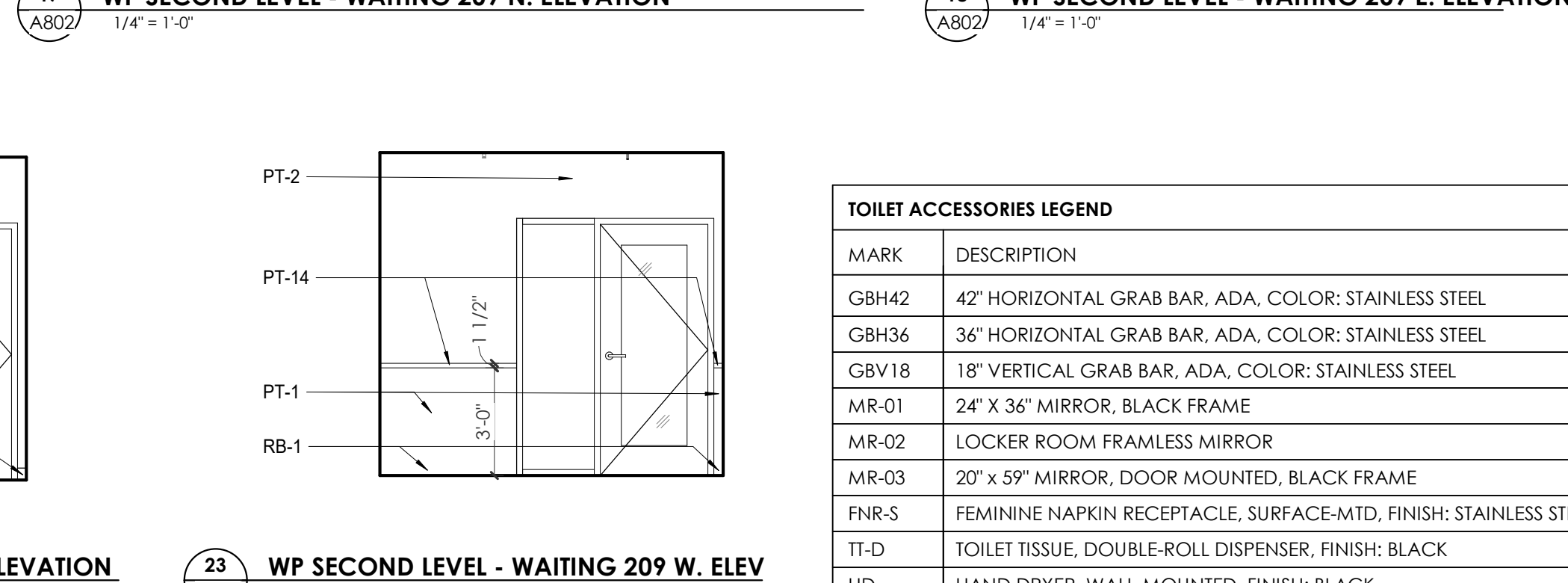
18 WP SECOND LEVEL - WAITING 209 E. ELEVATION
1/4" = 1'-0"



19 ENLARGED PLAN - WP SECOND LEVEL - TLT 231/232
1/4" = 1'-0"



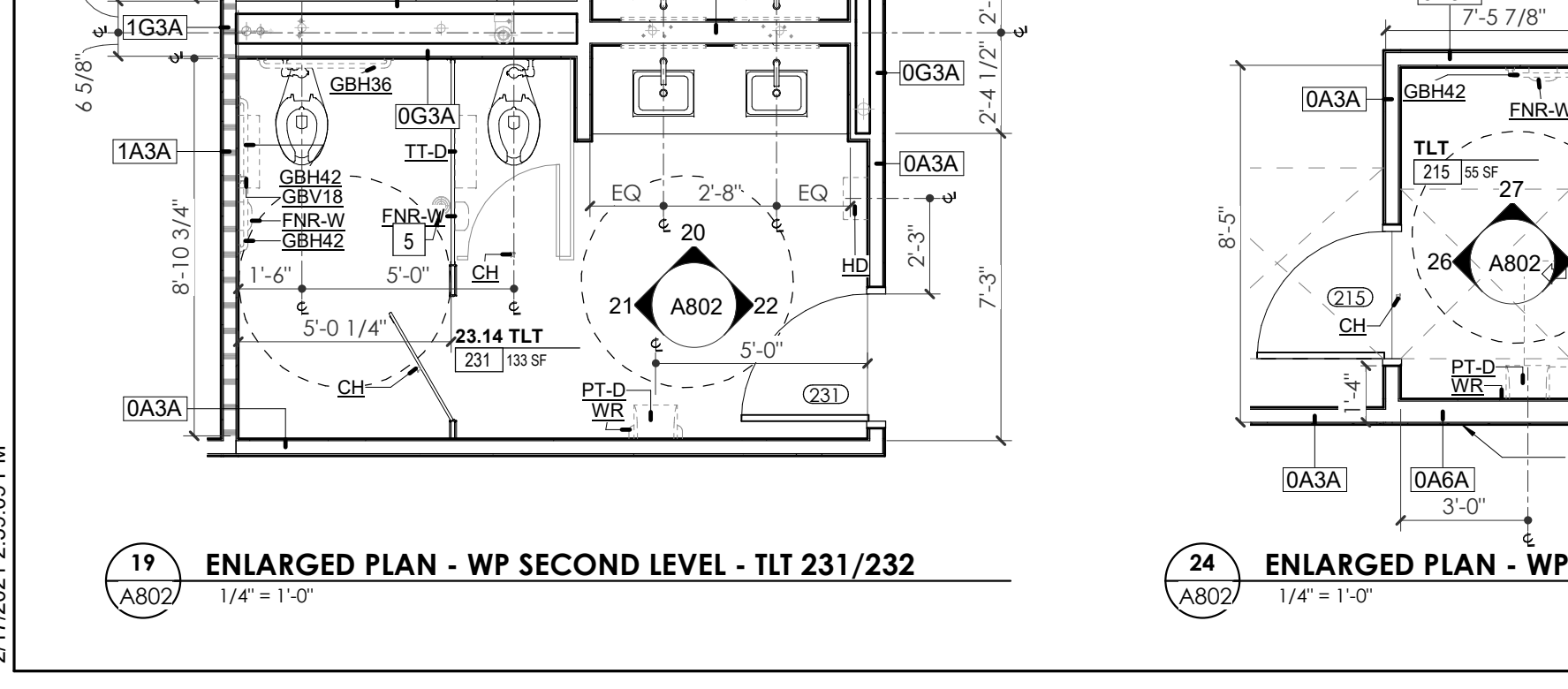
20 WP - SECOND LEVEL - TLT 231 N. ELEVATION
1/4" = 1'-0"



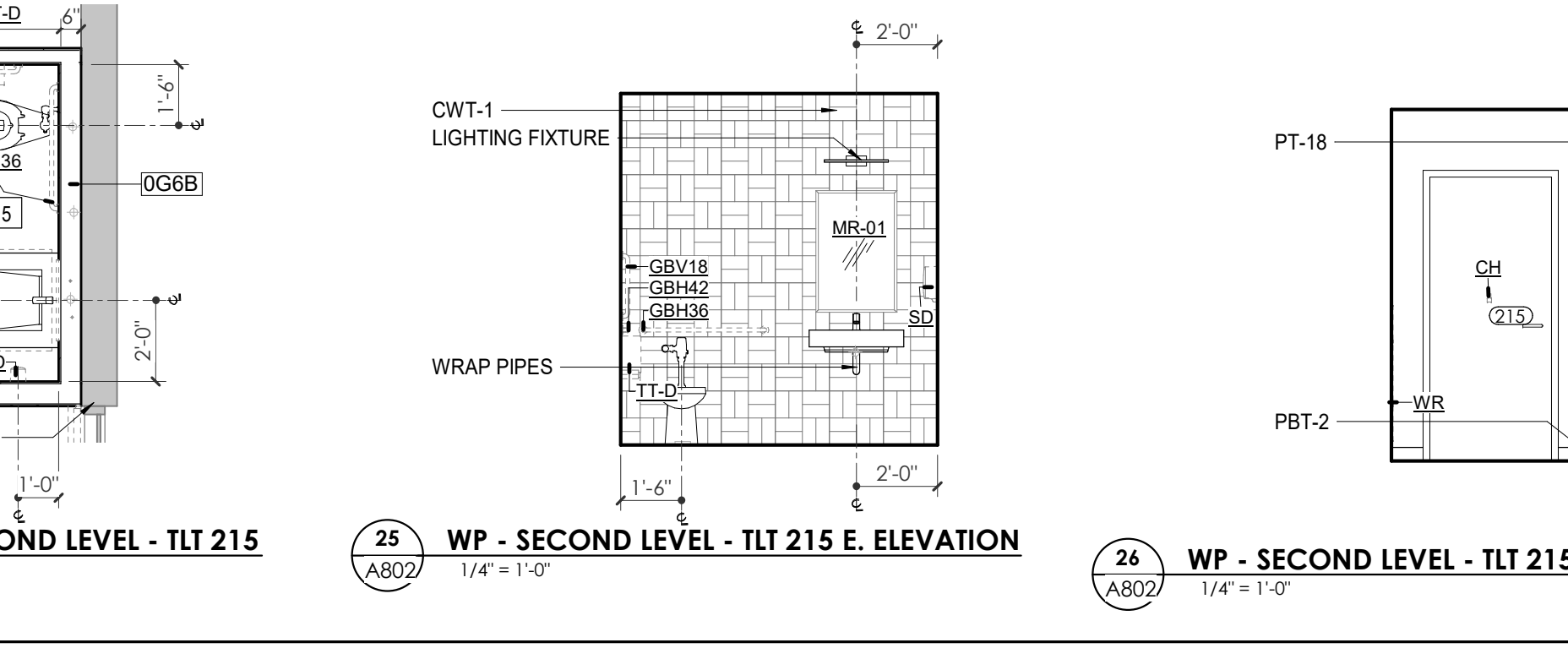
21 WP - SECOND LEVEL - TLT 231 W. ELEV
1/4" = 1'-0"

22 WP - SECOND LEVEL - TLT 231 E. ELEVATION
1/4" = 1'-0"

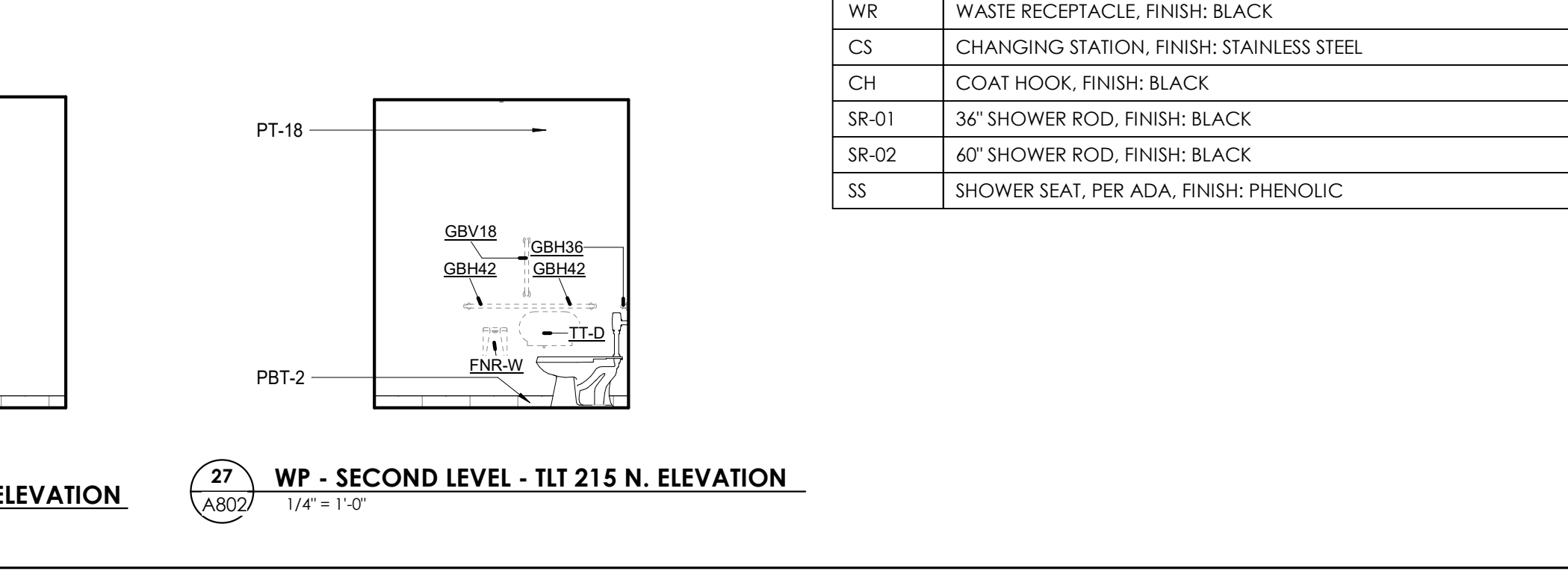
23 WP SECOND LEVEL - WAITING 209 W. ELEV
1/4" = 1'-0"



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

Seal:



Consultant:

Architects Design Group

#	ISSUE	DATE
2	ADD #2.1	02/17/21

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

Drawing Info:

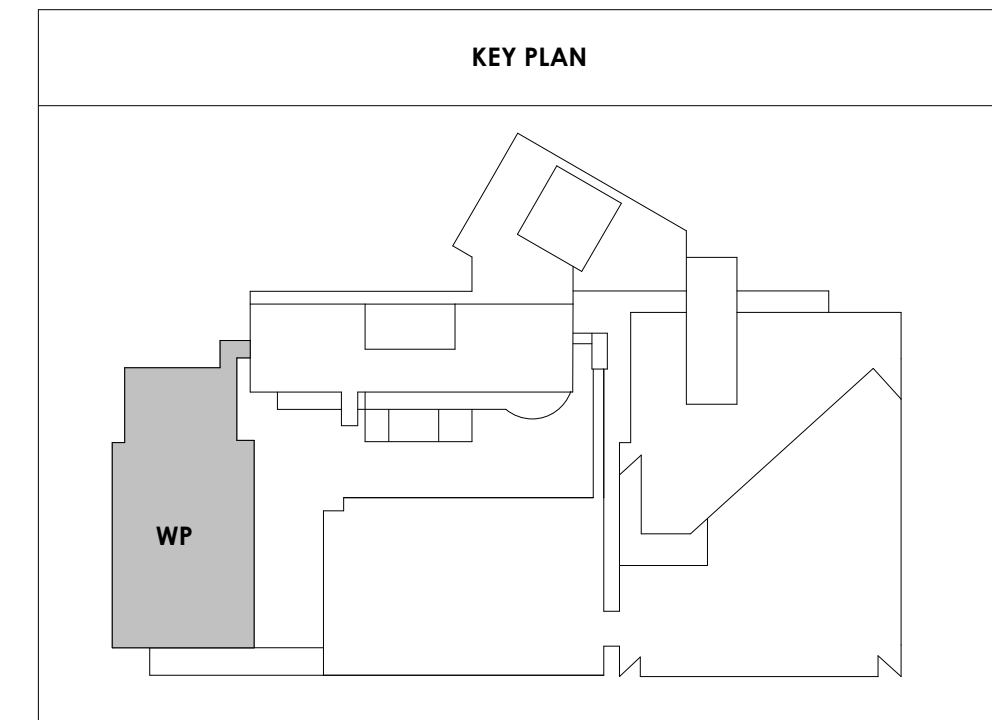
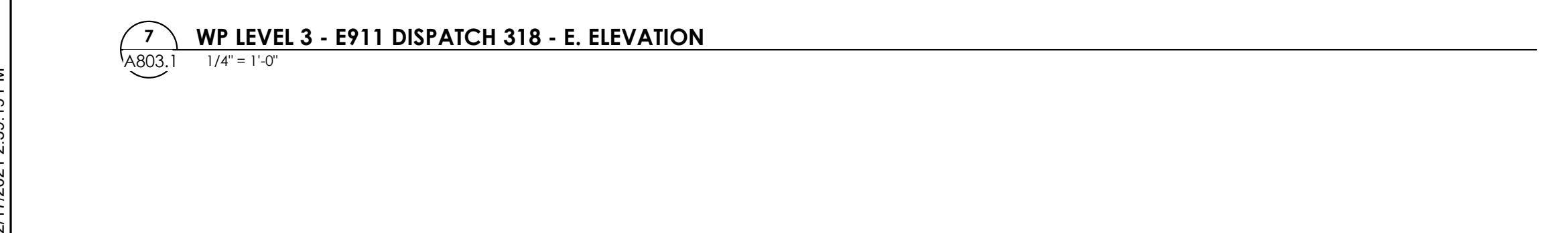
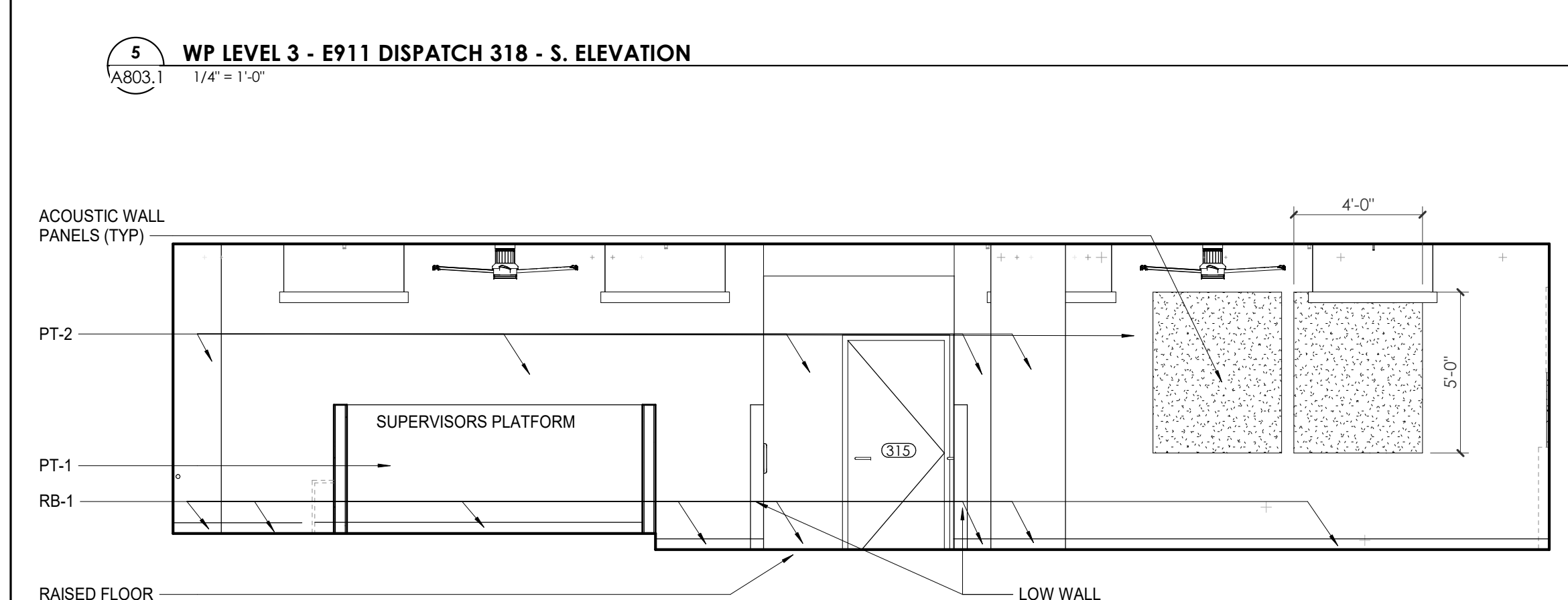
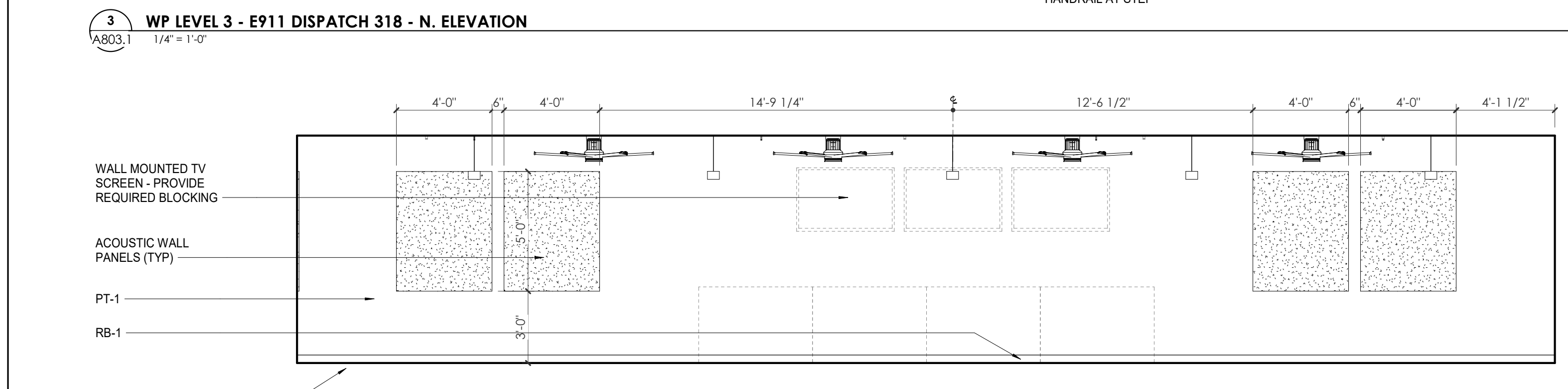
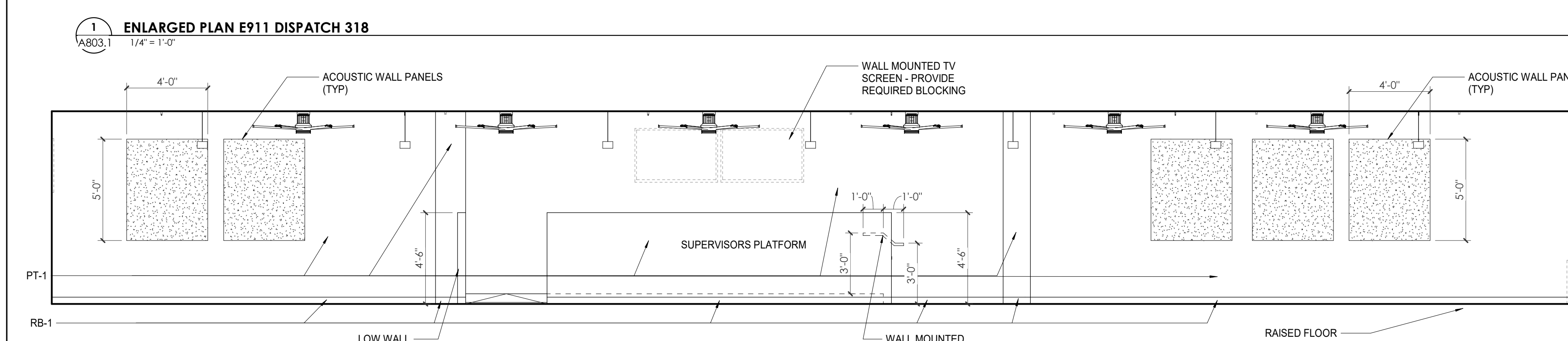
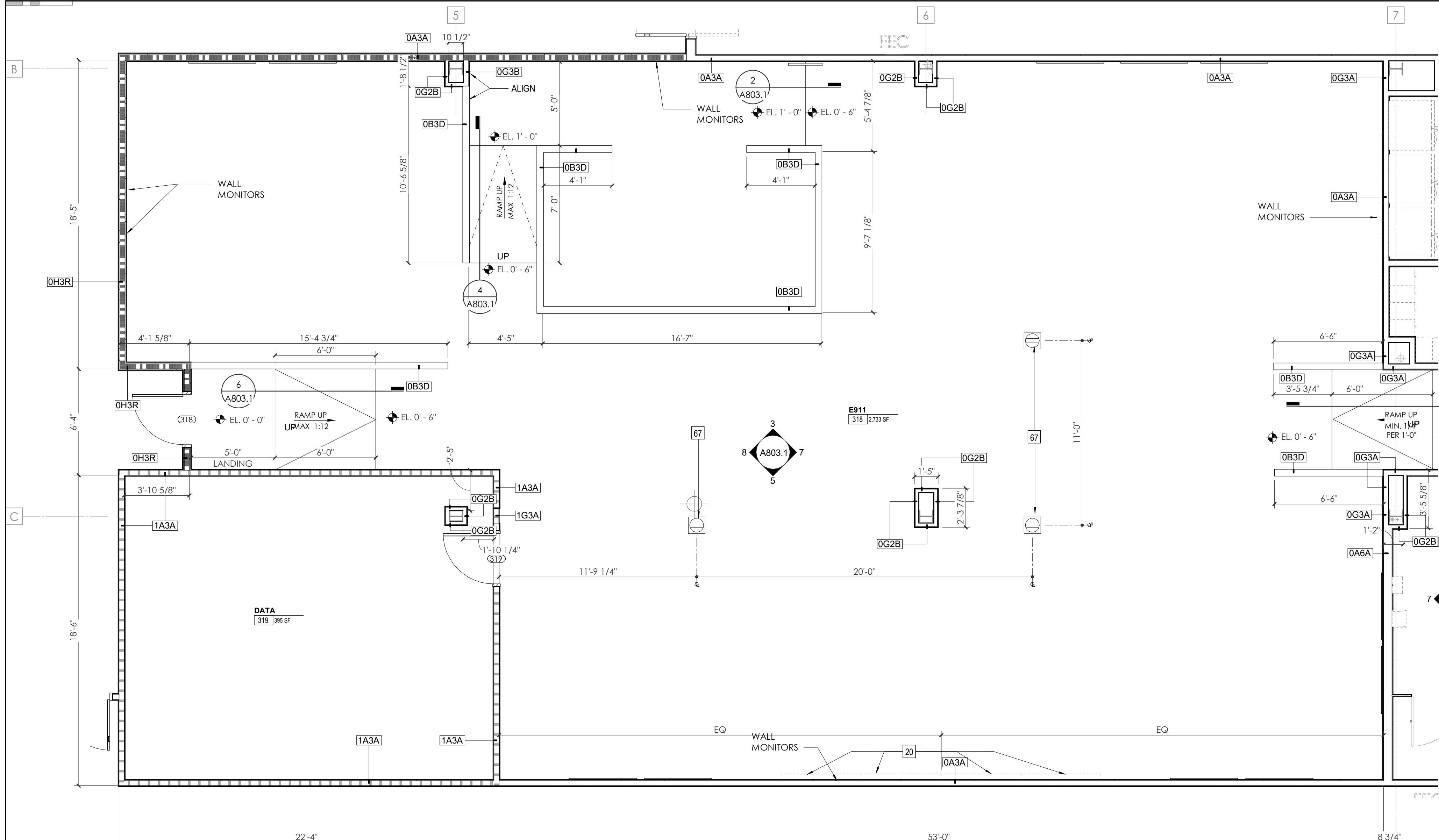
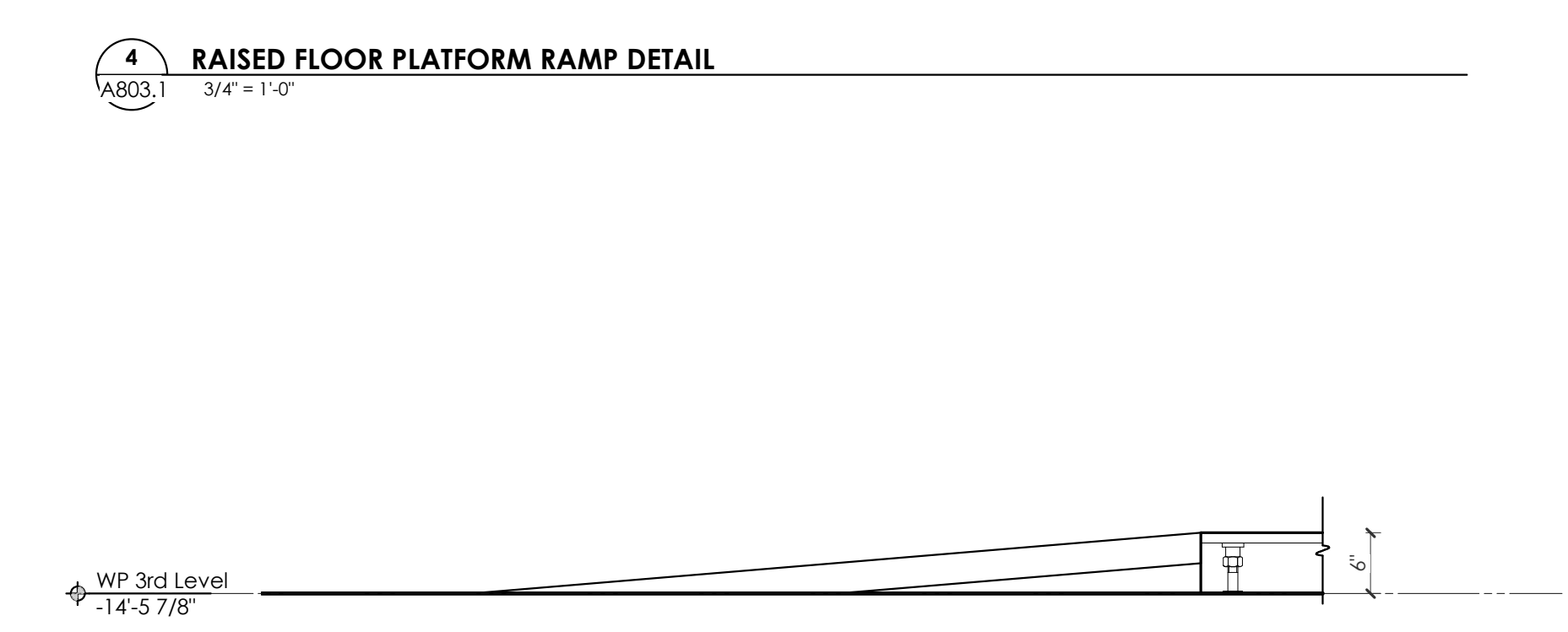
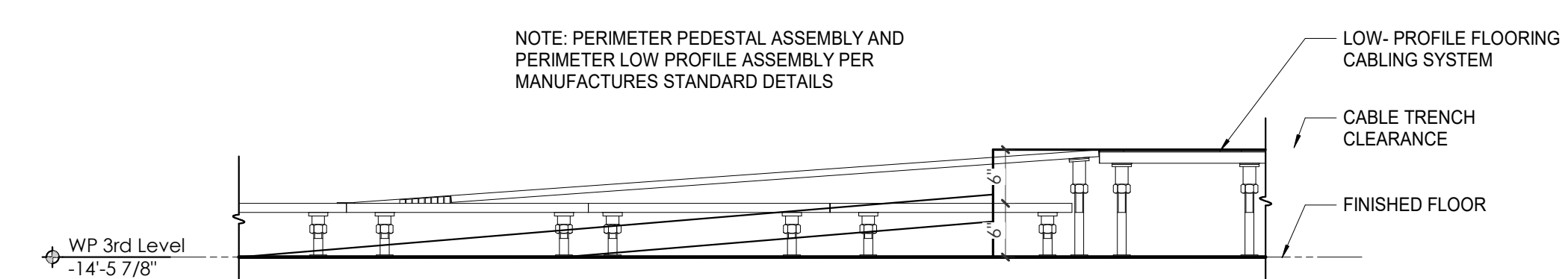
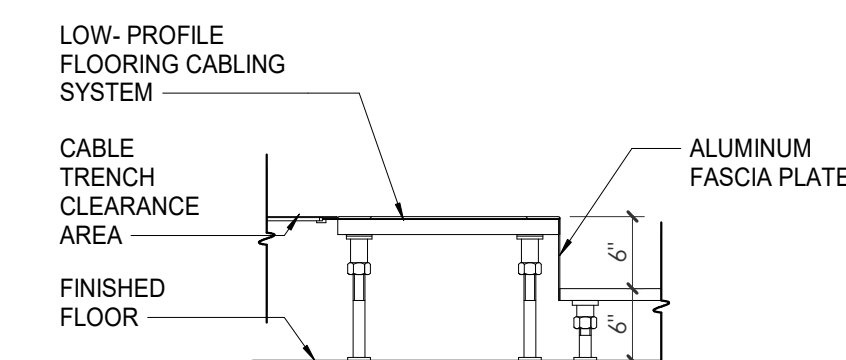
A803.1

WP - ENLARGED PLANS AND ELEVATIONS - THIRD 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 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)
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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
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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
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41	OWNER PROVIDED REFRIGERATION UNDERCOUNTER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
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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.
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	RESTRICT 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 TILE - 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.





Project Information:

19018

COK SAFETY BUILDING

900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:

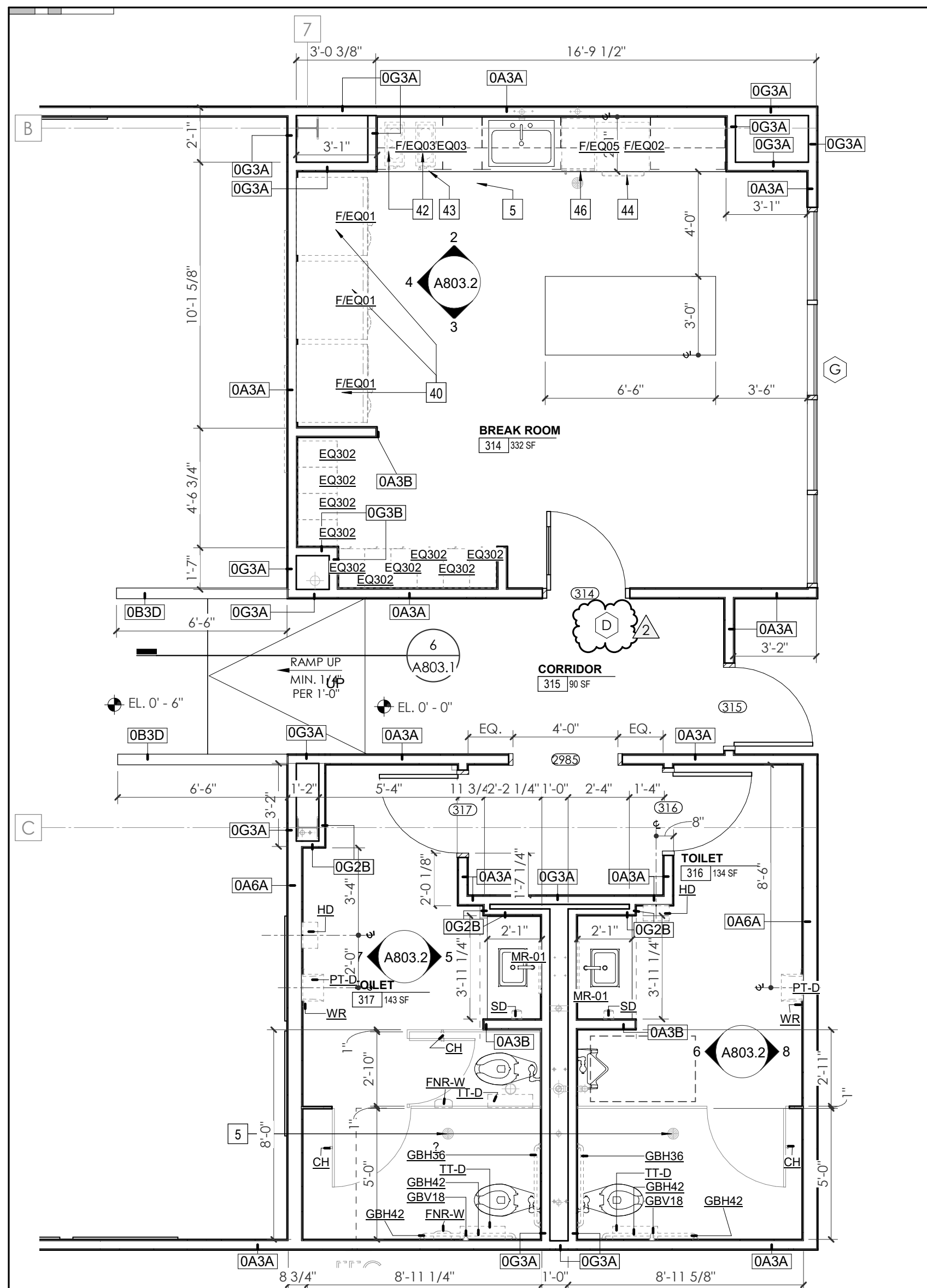
Architects Design Group

#	ISSUE	DATE
2	ADD #02.1	02/17/21

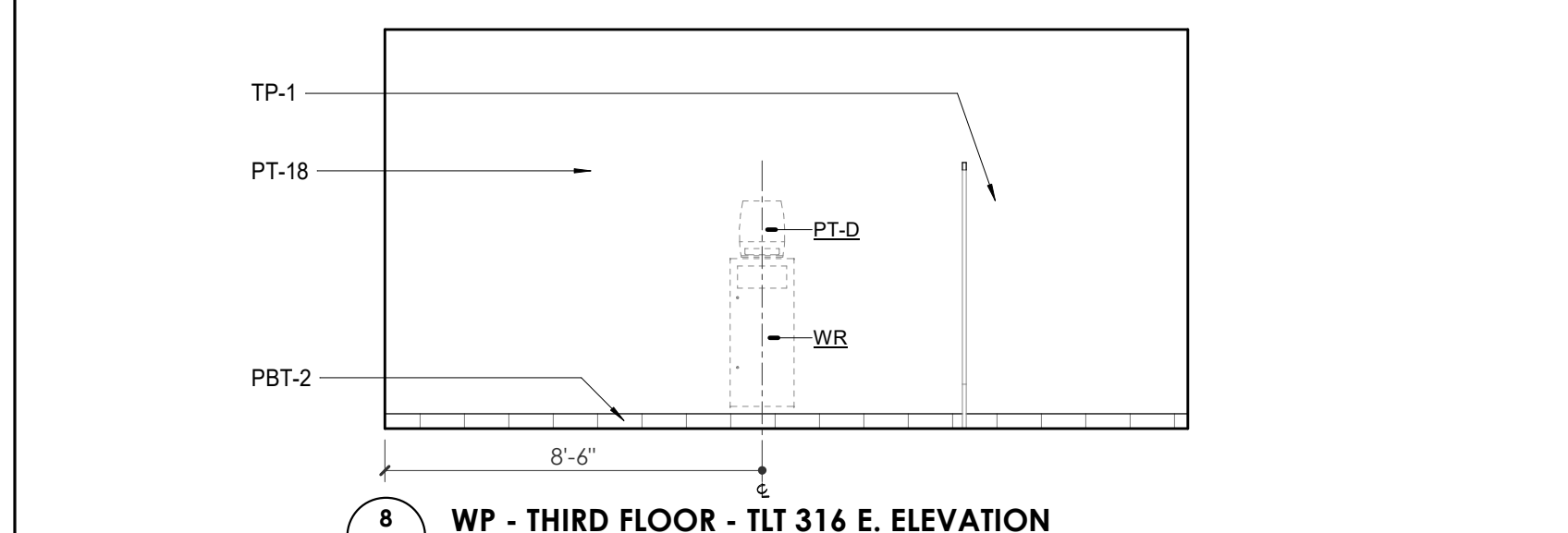
Issue Date: FEBRUARY 1, 2021
 PIC: DAVID COLLINS
 PM: JOHN THURMAN
 PA: LAUREN BUSH /
 Drawn By: Author
 Checked By: B. PIERCY
 Drawing Info:

A803.2

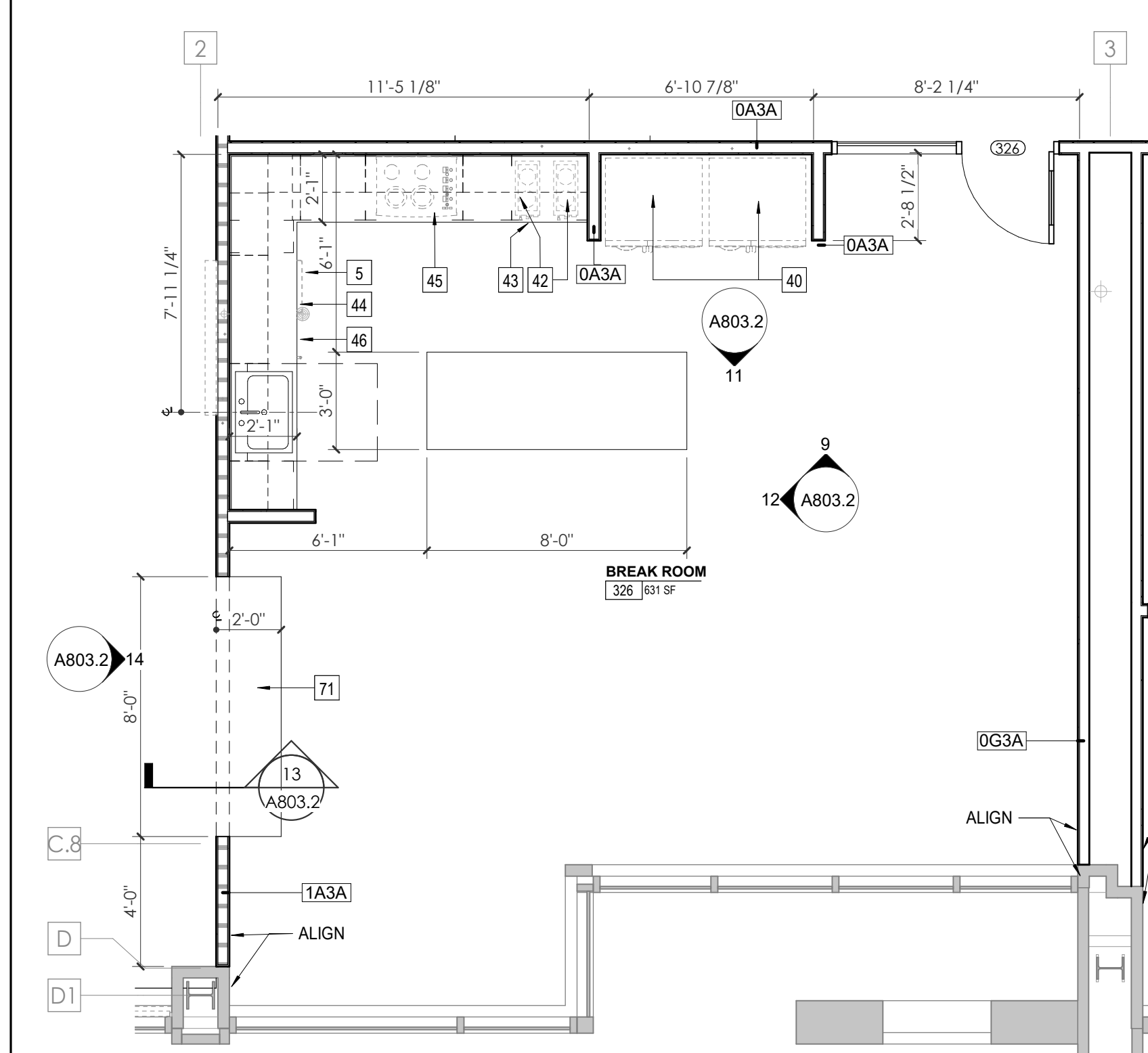
WP - ENLARGED PLANS AND ELEVATIONS - THIRD LEVEL



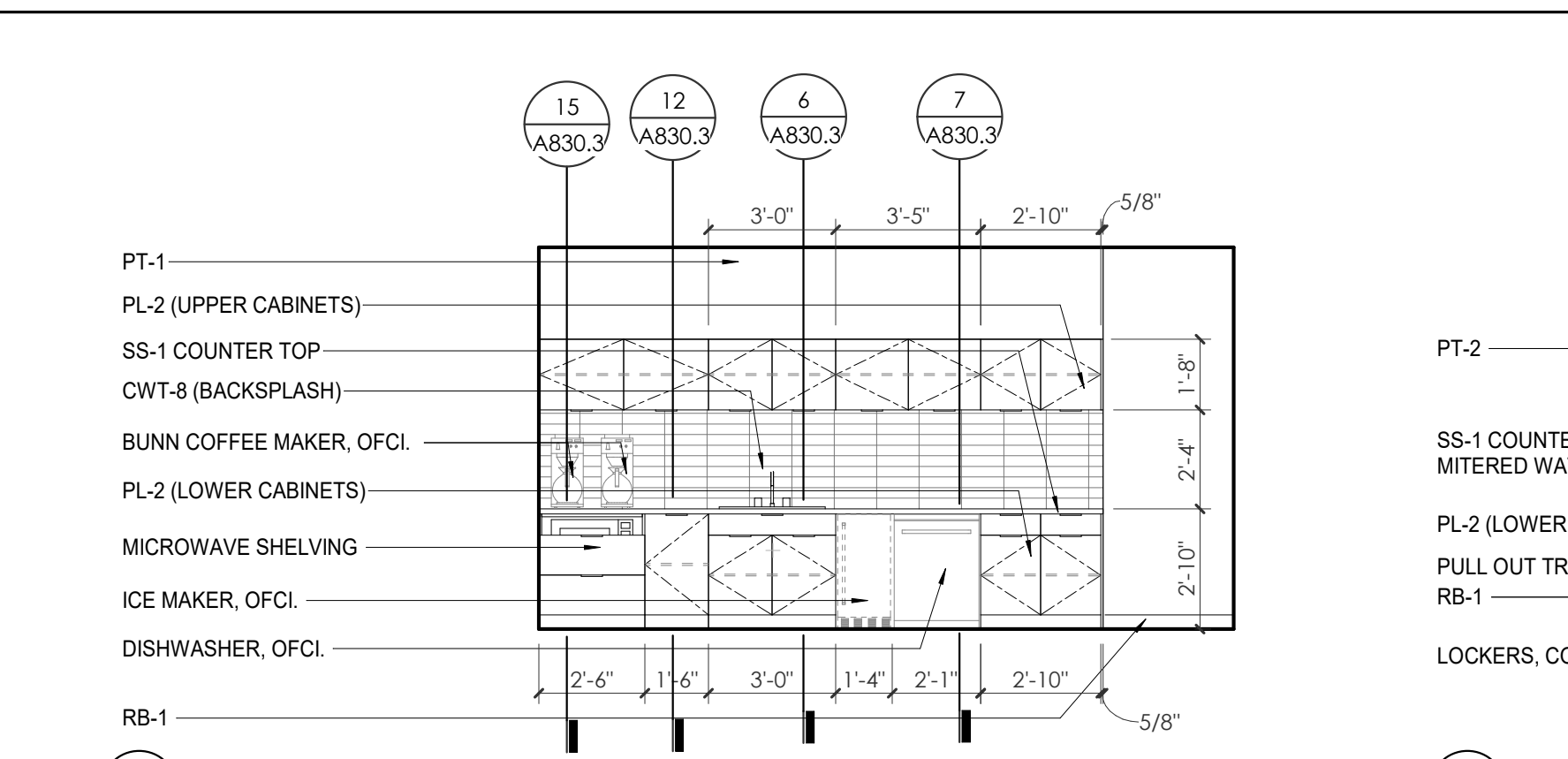
1 ENLARGED PLAN - WP - THIRD LEVEL - BREAK ROOM/RR
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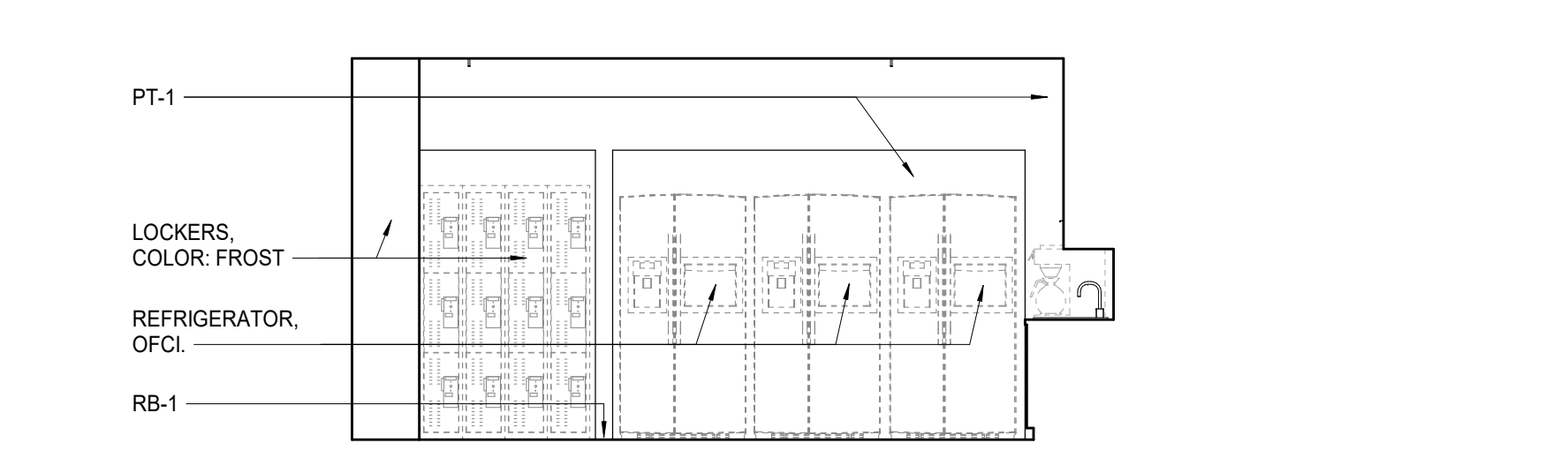
8 WP - THIRD FLOOR - TLT 316 E. ELEVATION
 A803.2 1/4" = 1'-0"



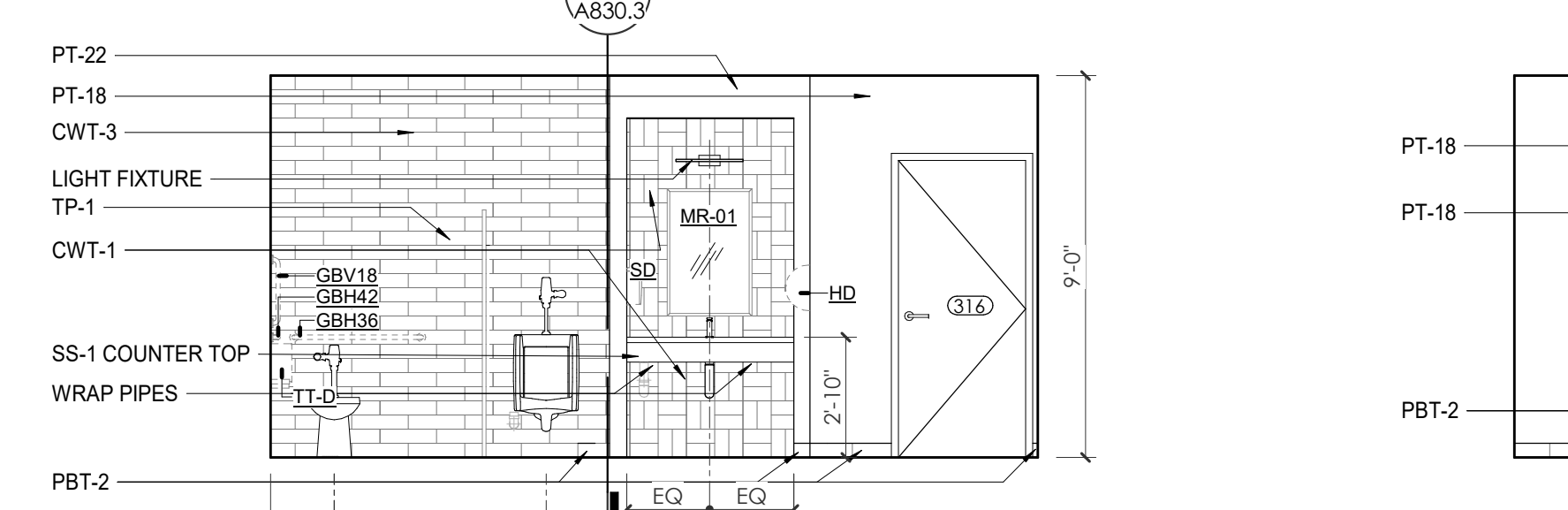
10 ENLARGED PLAN - WP - THIRD LEVEL - BREAK ROOM 326
 A803.2 1/4" = 1'-0"



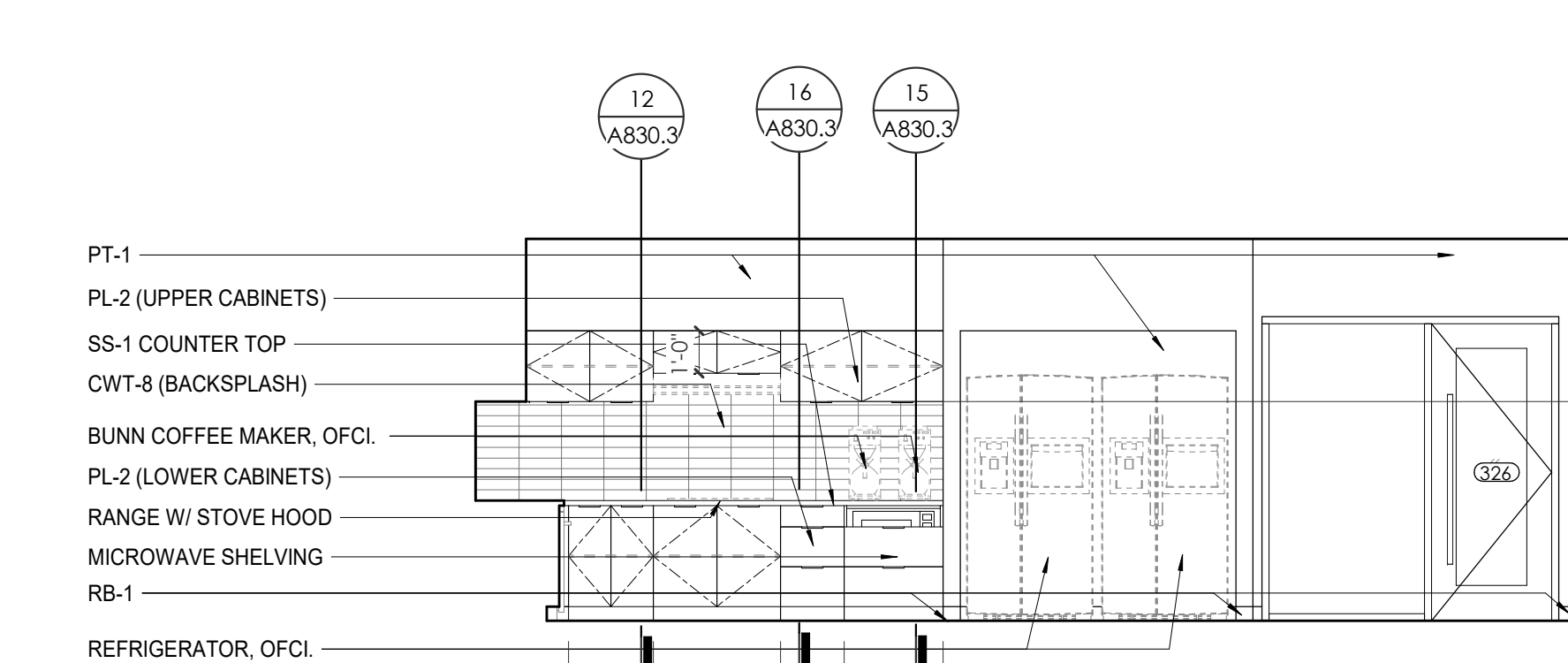
2 WP - THIRD LEVEL - BREAK ROOM 314 N. ELEVATION
 A803.2 1/4" = 1'-0"



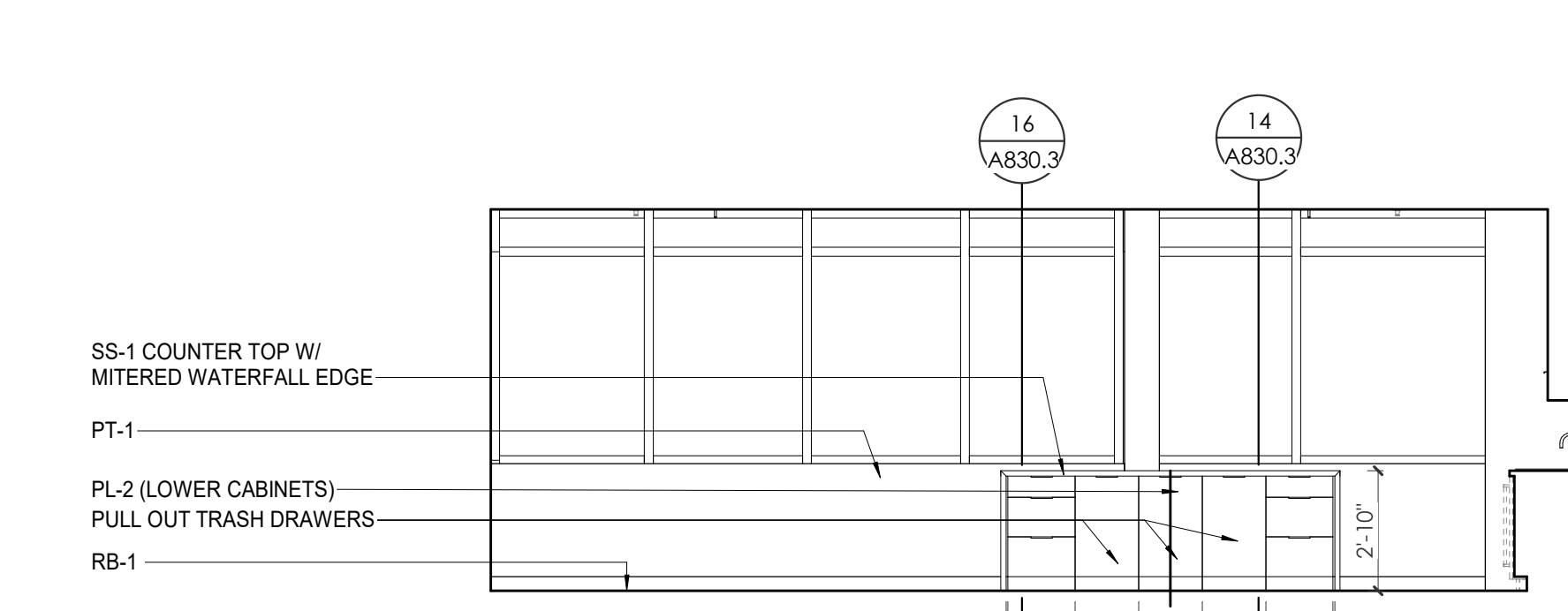
4 WP - THIRD LEVEL - BREAK ROOM 314 W. ELEVATION
 A803.2 1/4" = 1'-0"



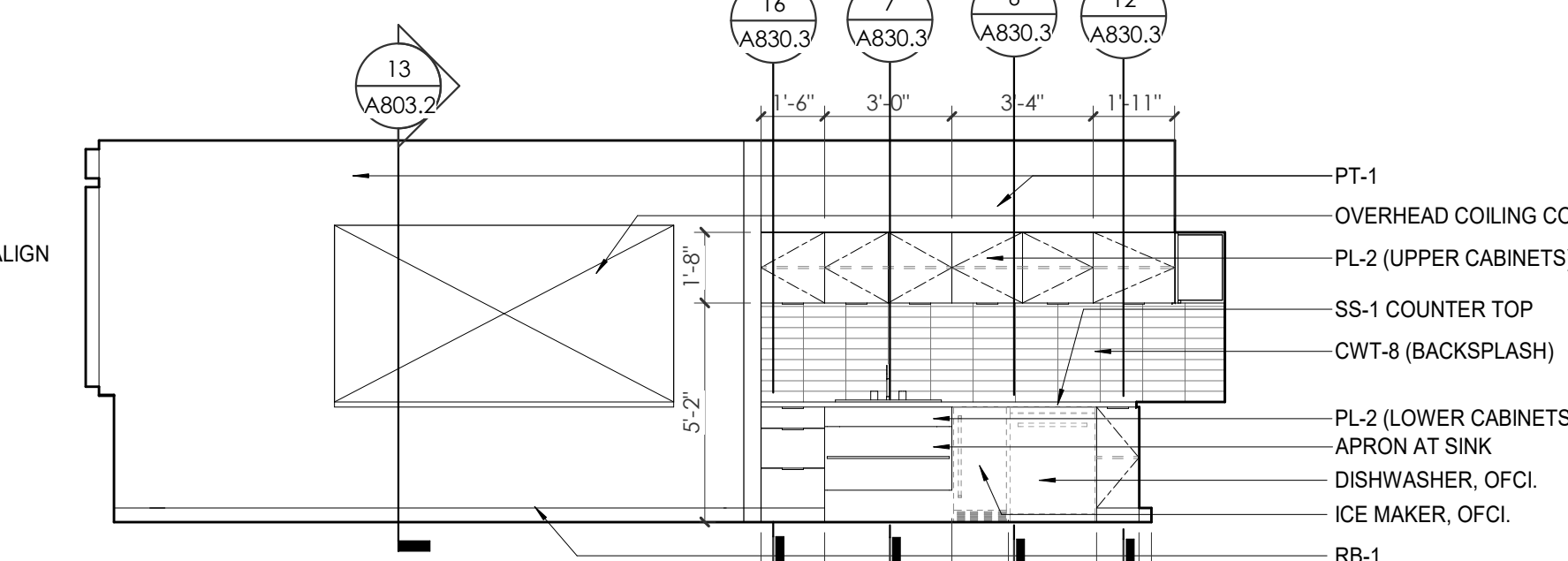
6 WP - THIRD FLOOR - TLT 316 W. ELEVATION
 A803.2 1/4" = 1'-0"



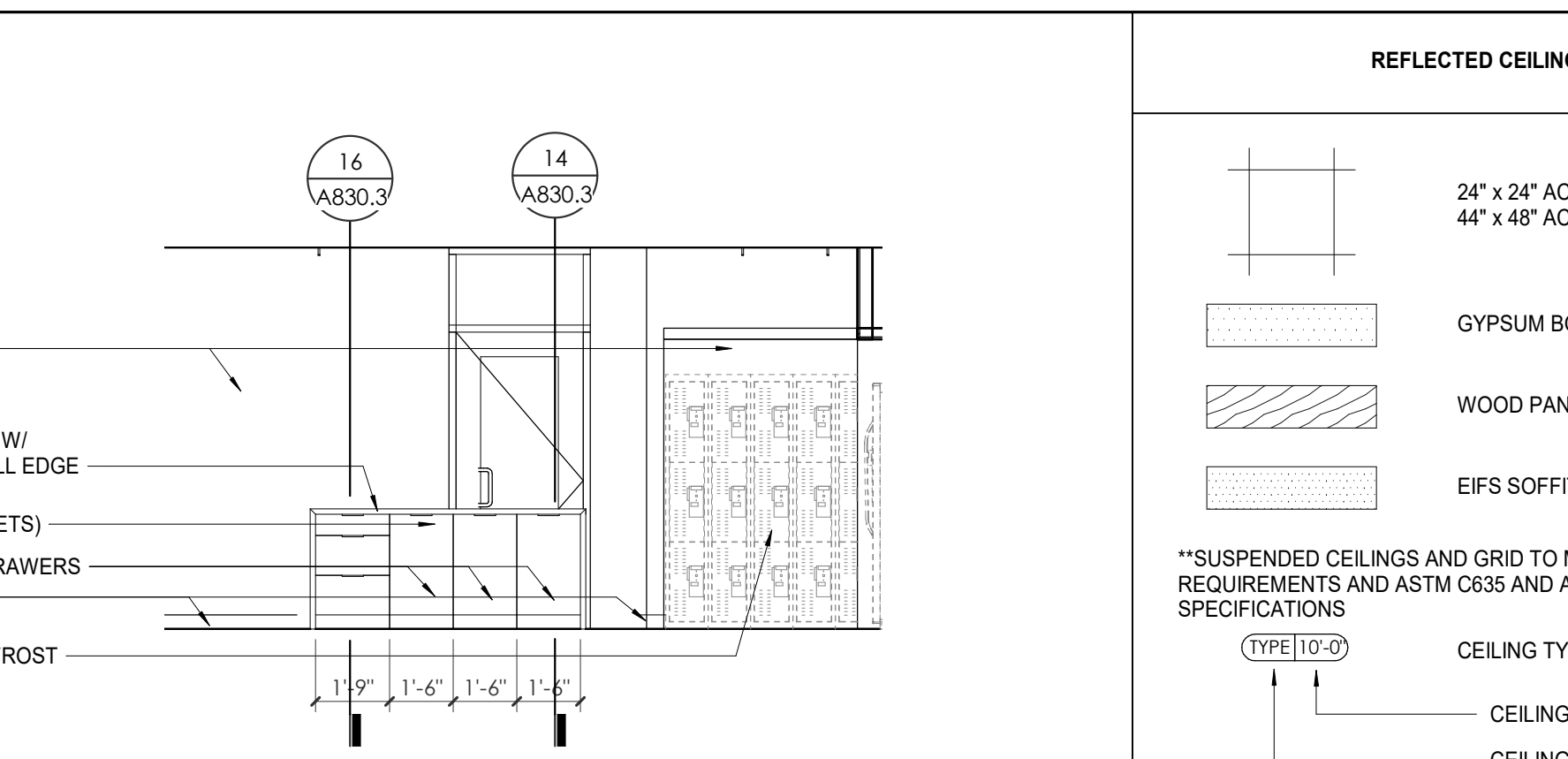
9 WP - THIRD LEVEL - BREAK ROOM 326 N. ELEVATION
 A803.2 1/4" = 1'-0"



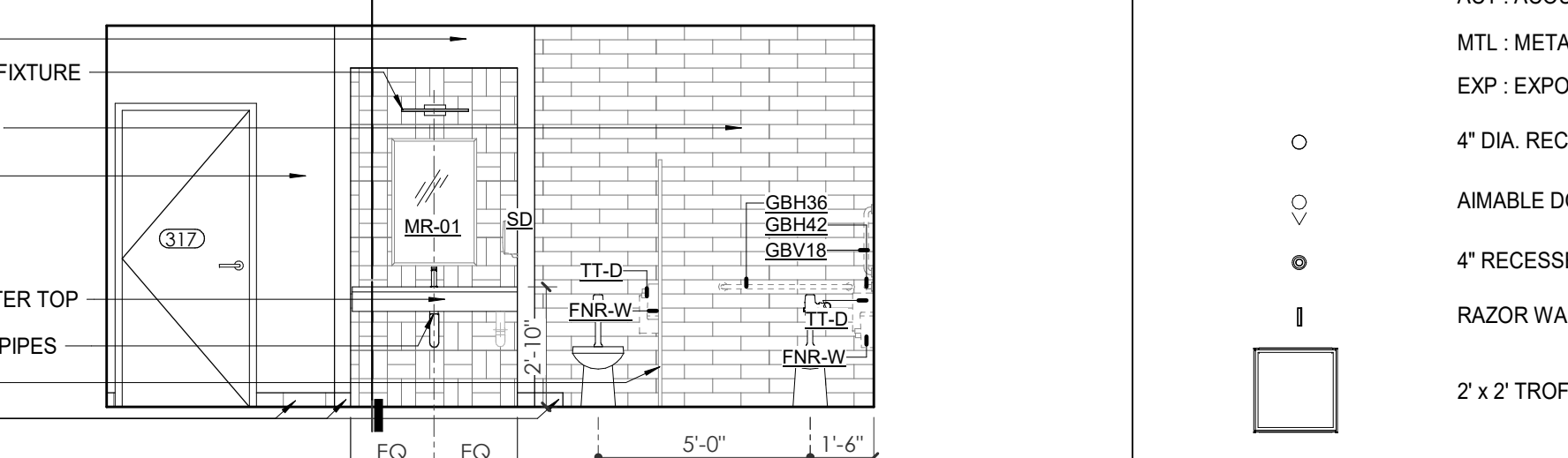
11 WP - THIRD LEVEL - BREAK ROOM 326 S. ELEVATION
 A803.2 1/4" = 1'-0"



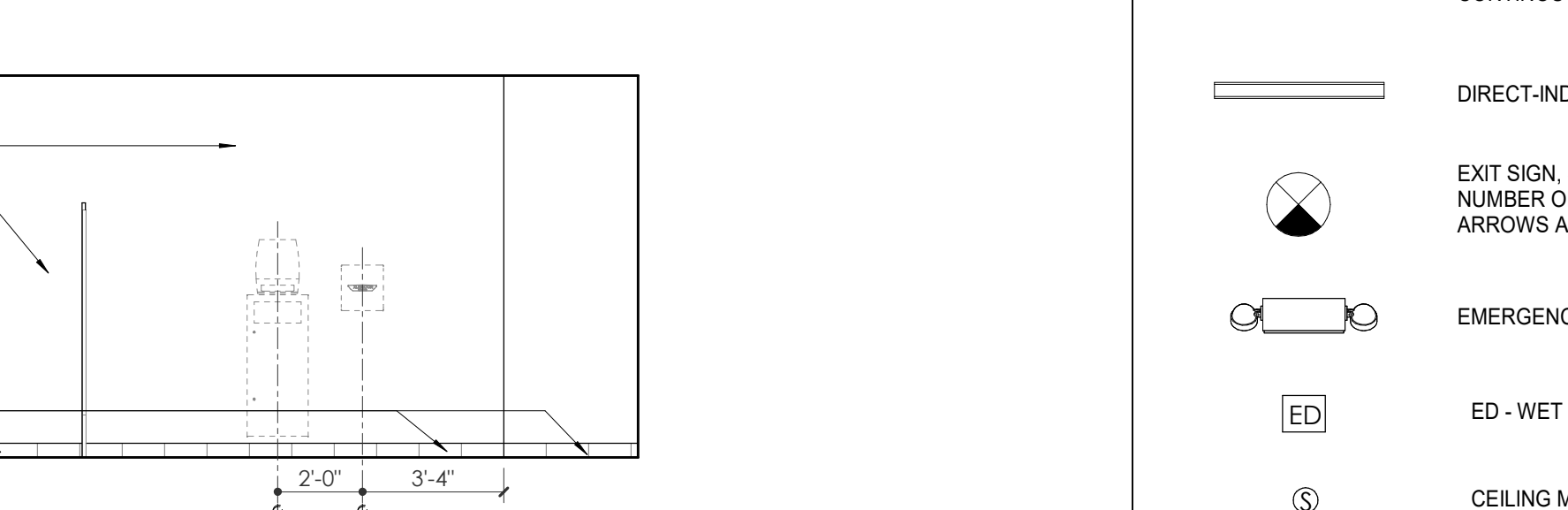
12 WP - THIRD LEVEL - BREAK ROOM 326 W. ELEVATION
 A803.2 1/4" = 1'-0"



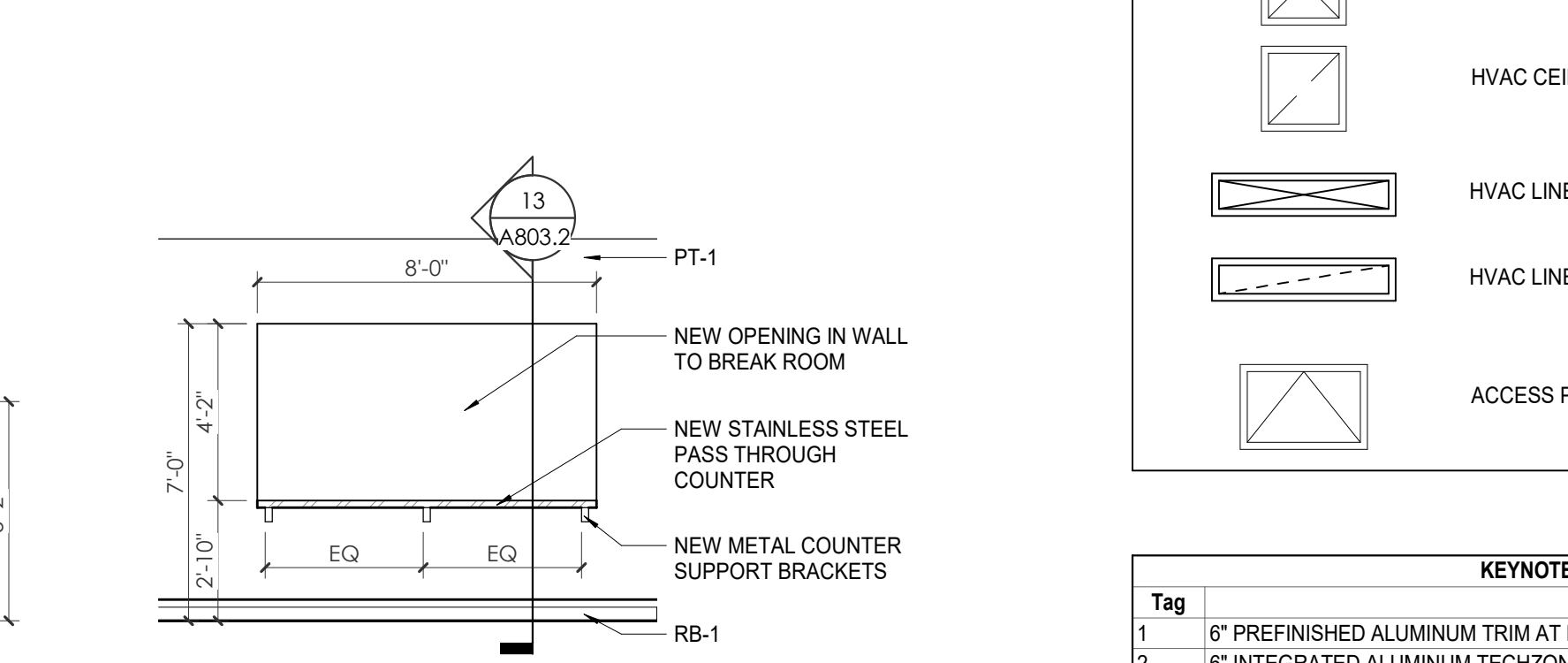
3 WP - THIRD LEVEL - BREAK ROOM 314 S. ELEVATION
 A803.2 1/4" = 1'-0"



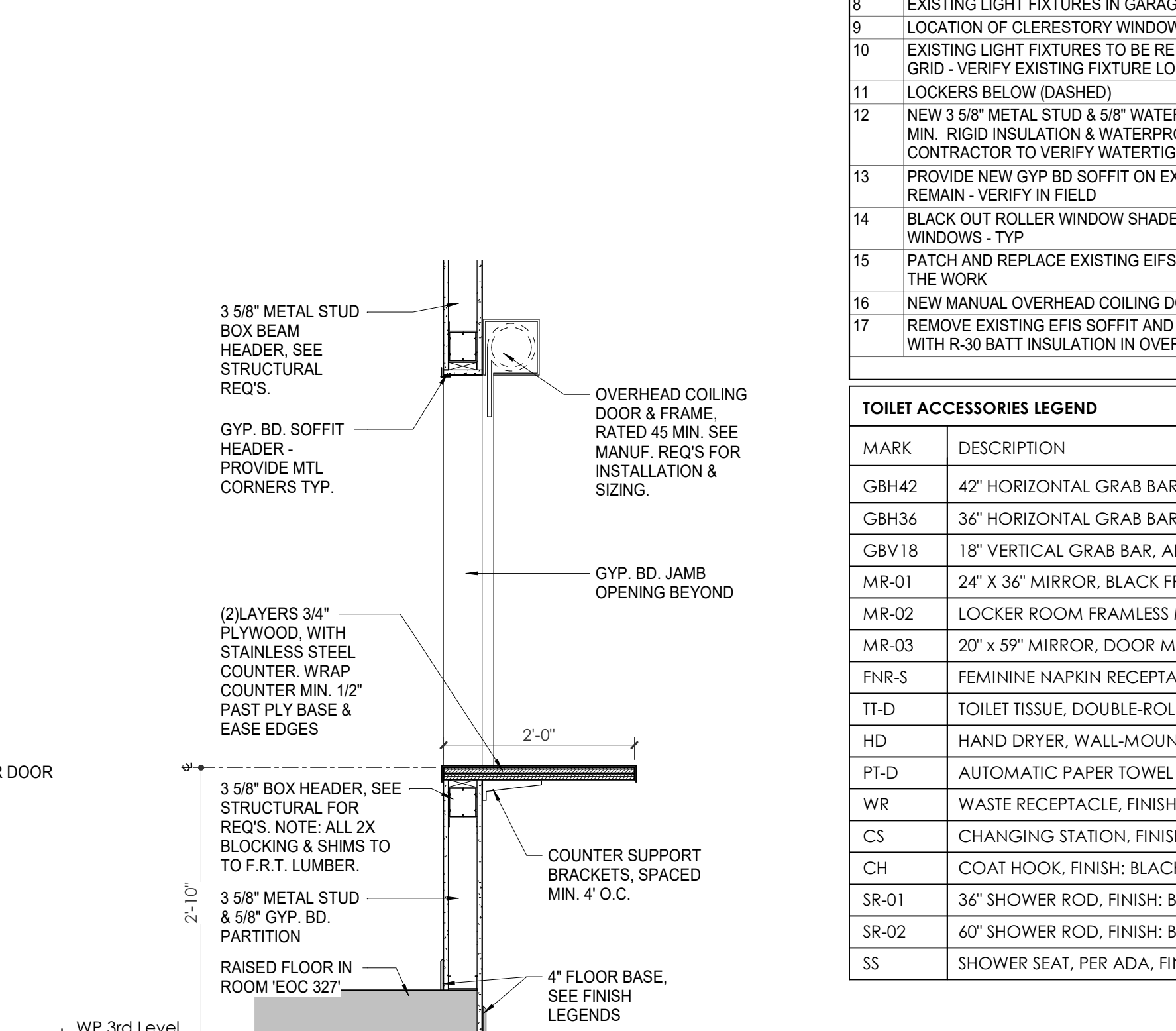
5 WP - THIRD FLOOR - TLT 317 EAST ELEVATION
 A803.2 1/4" = 1'-0"



7 WP - THIRD FLOOR - TLT 317 W. ELEVATION
 A803.2 1/4" = 1'-0"



14 PASS THROUGH COUNTER ELEVATION
 A803.2 1/4" = 1'-0"



13 WP - PASS THROUGH COUNTER DETAIL
 A803.2 3/4" = 1'-0"

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

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 3/8" 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.
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

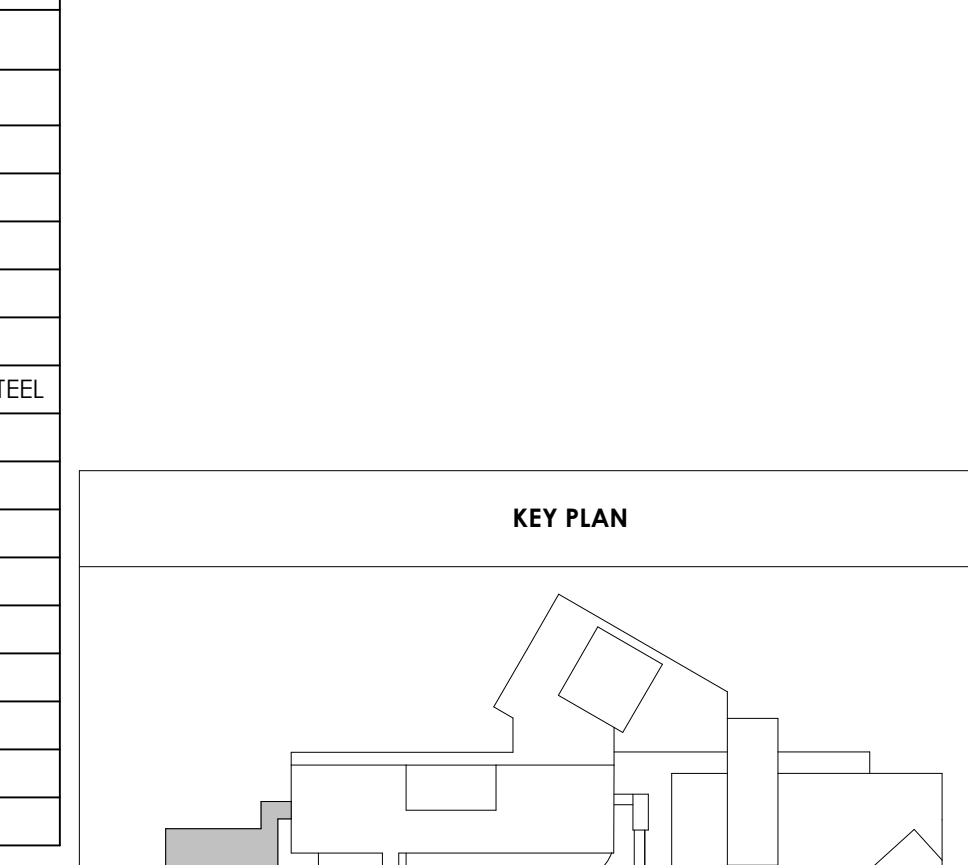
MARK	DESCRIPTION
GBH42	42" HORIZONTAL GRAB BAR, ADA, COLOR: STAINLESS STEEL
GBH36	36" HORIZONTAL GRAB BAR, ADA, COLOR: STAINLESS STEEL
GBV18	18" VERTICAL GRAB BAR, ADA, COLOR: STAINLESS STEEL
MR-01	24" X 36" MIRROR, BLACK FRAME
MR-02	LOCKER ROOM FRAMLESS MIRROR
MR-03	20" X 59" MIRROR, DOOR MOUNTED, BLACK 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

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	PROVIDE REQ. BLOCKING FOR LOCATIONS WHERE WALL MOUNTED TV MONITORS ARE LOCATED. REFER TO EQUIPMENT PLANS FOR LOCATIONS
20	PROVIDE REQ. BLOCKING FOR ALL MARKER BOARD LOCATIONS
21	RECESSED 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	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 TRANSLUCENT FILM TO INSIDE FACE OF GLAZING
50	IMPACT RESISTANT STEEL BOLLARD, GENERAL LOCATION SHOWN, COORDINATE LOCATION IN FIELD.
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
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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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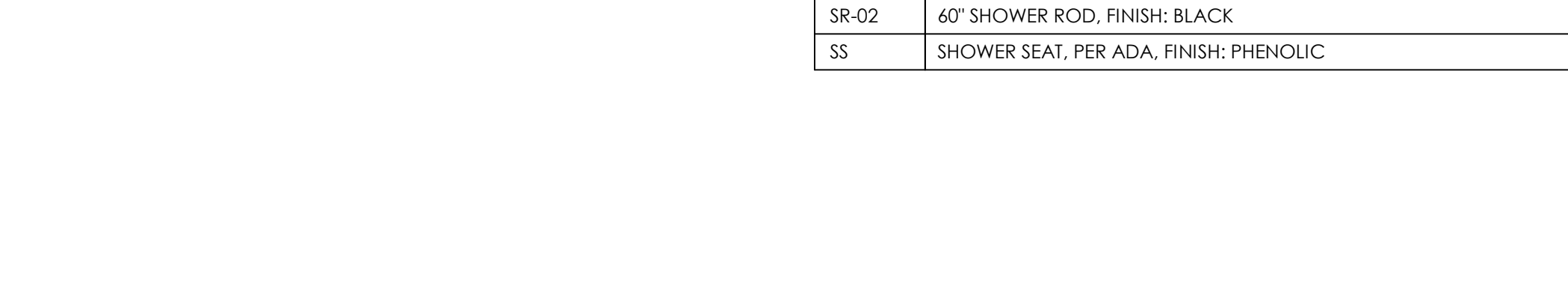
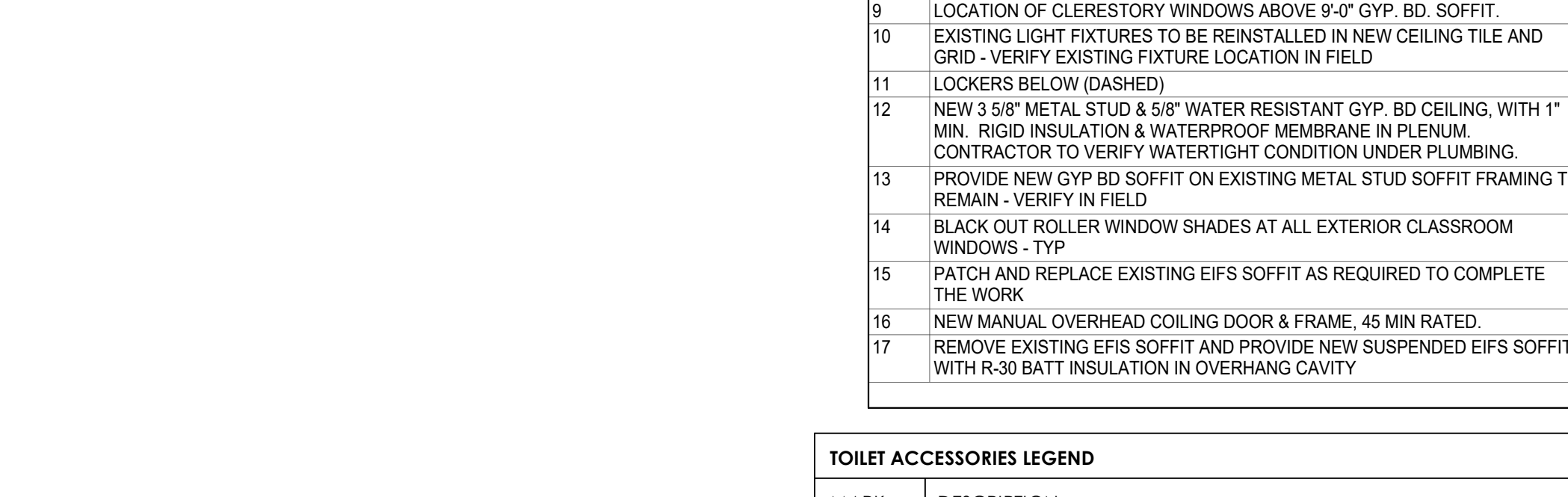
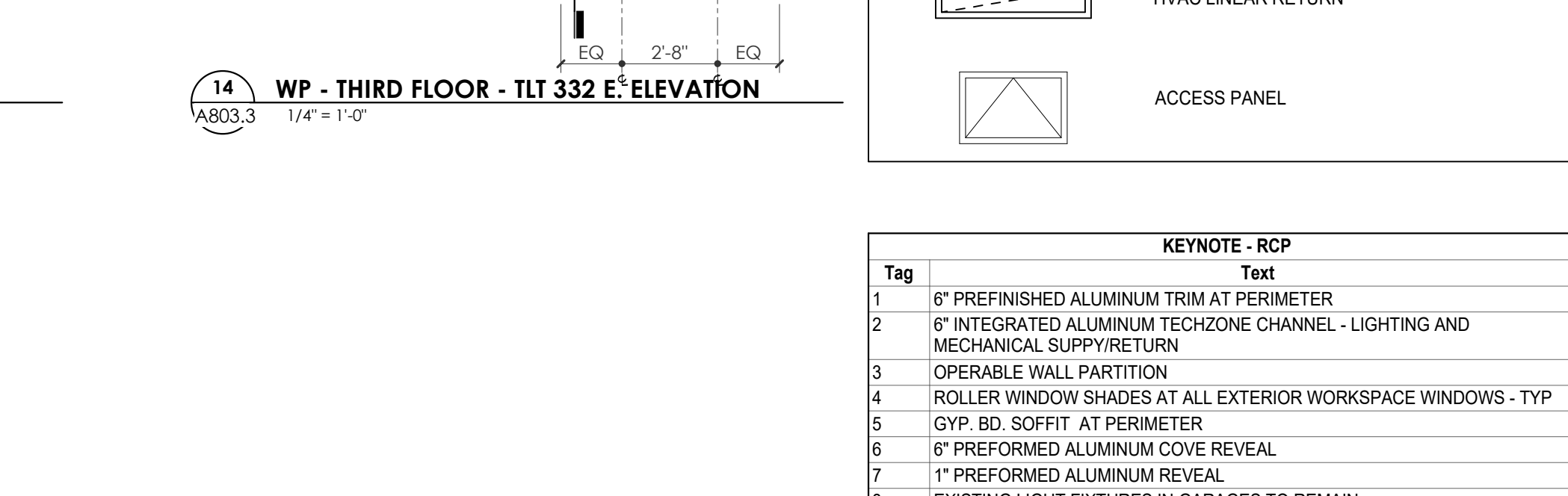
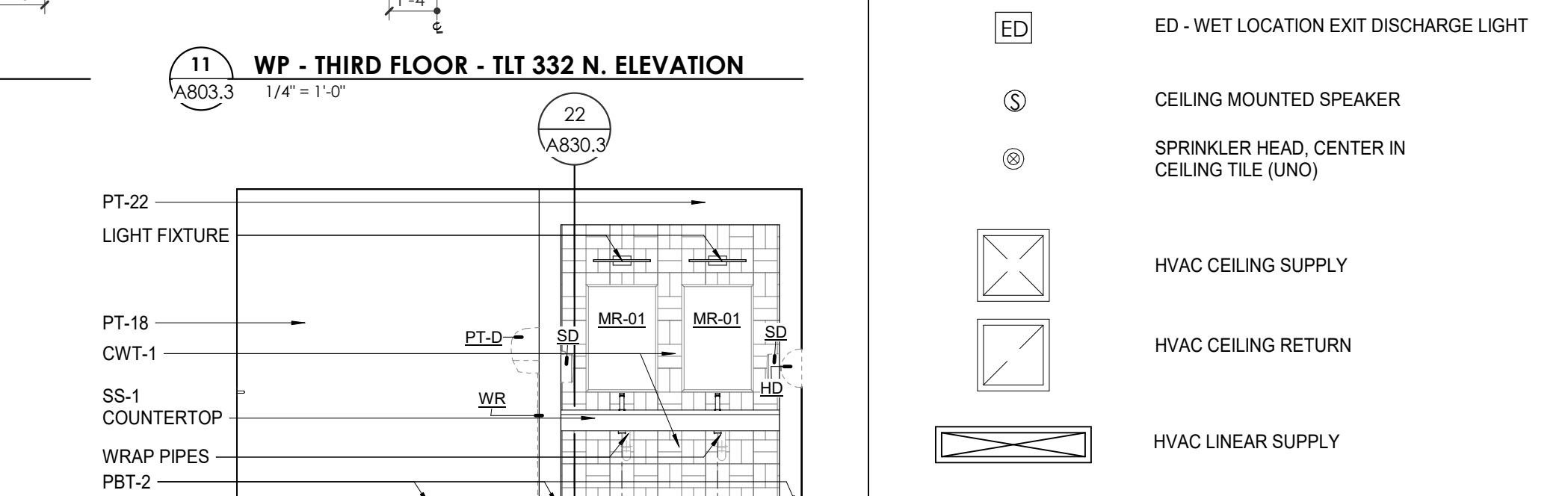
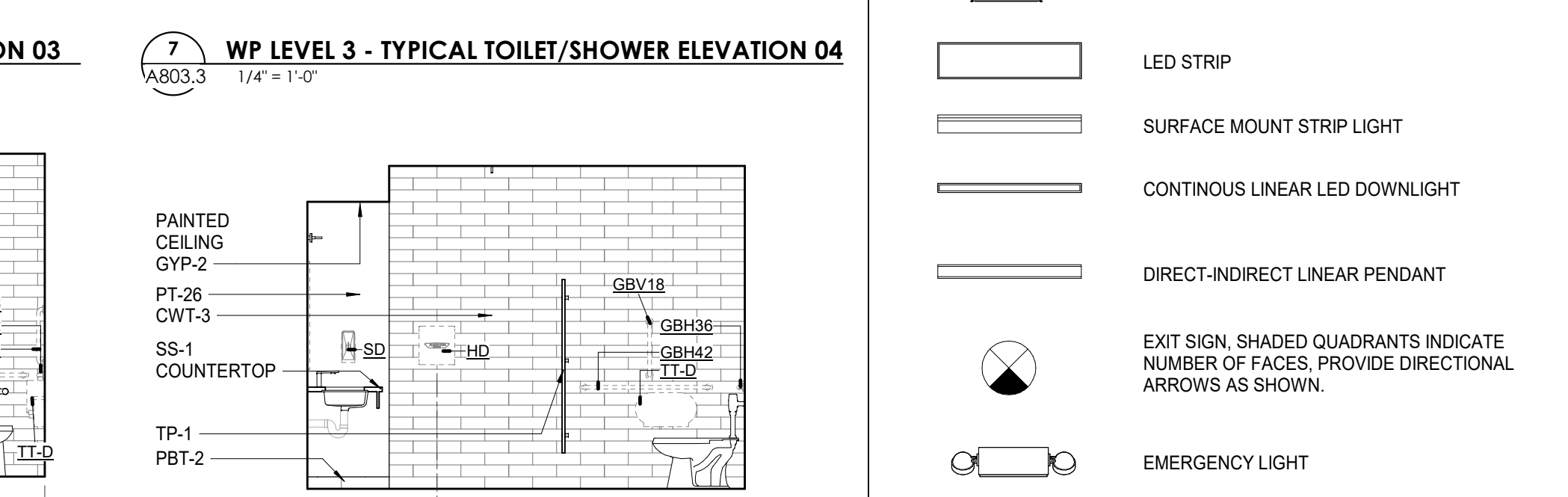
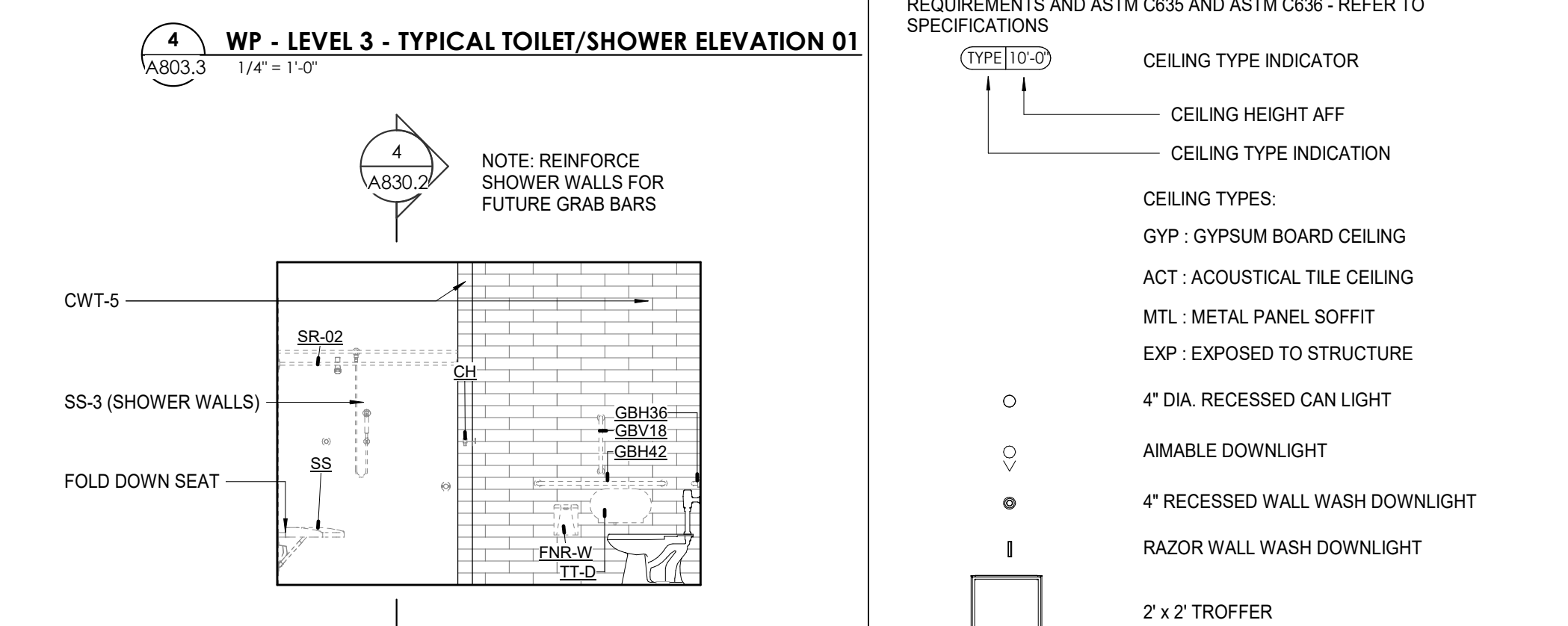
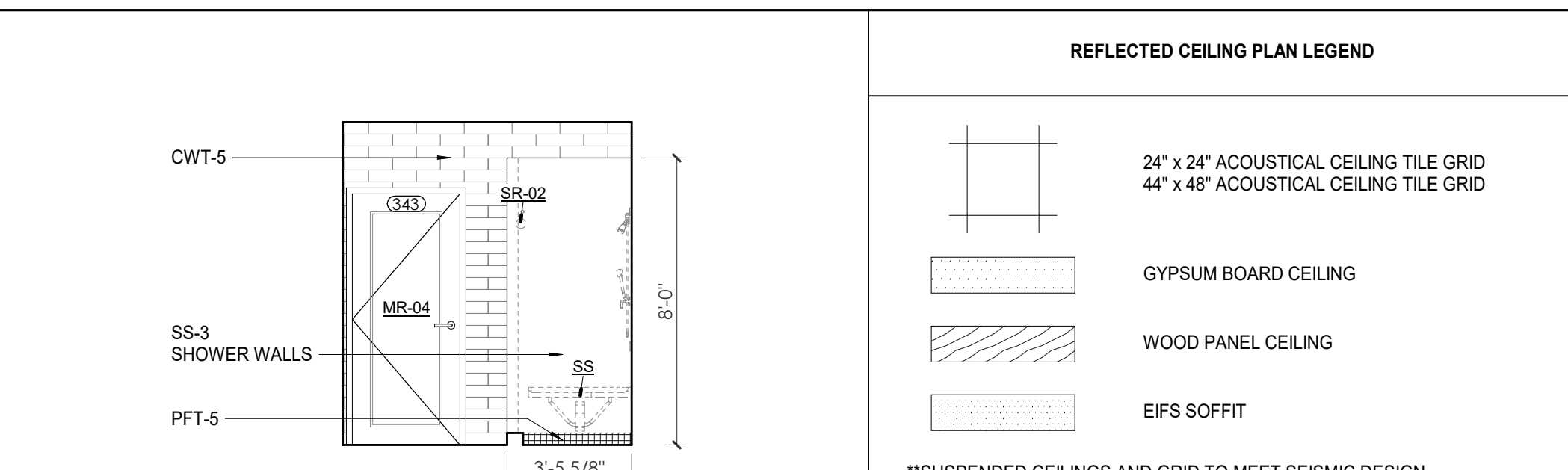
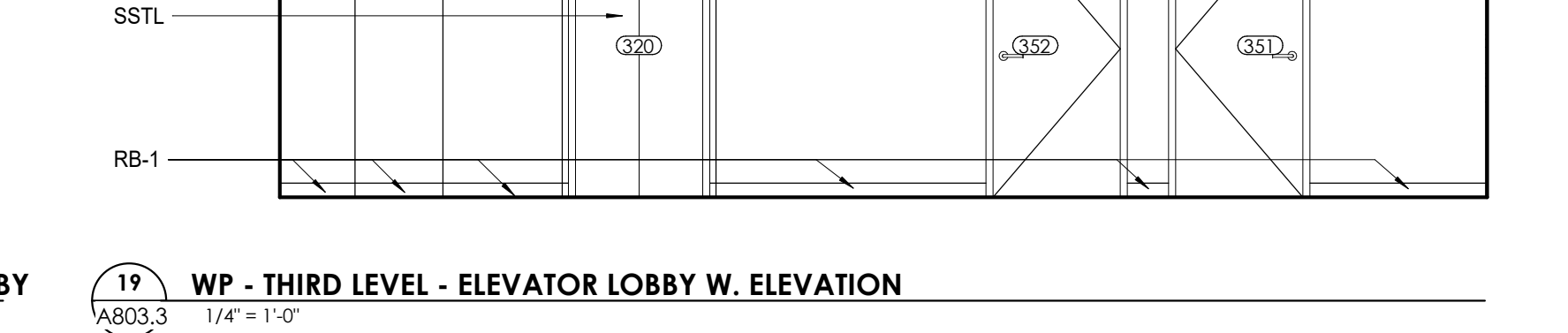
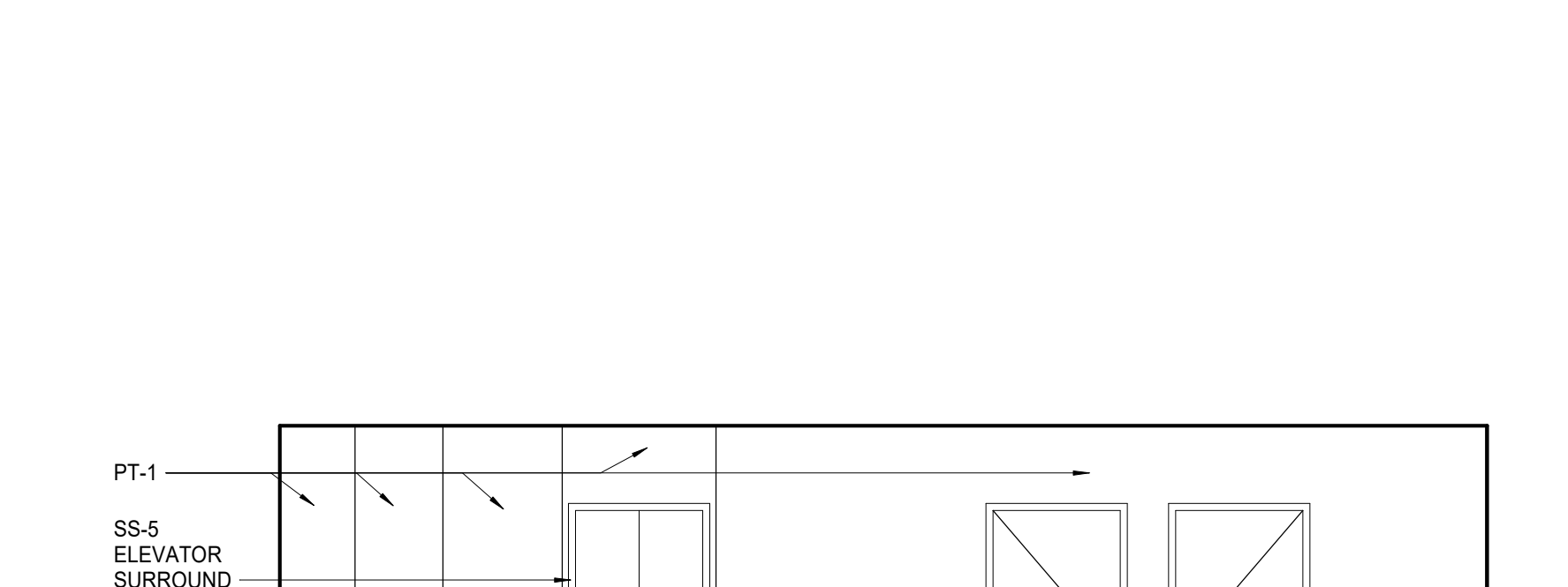
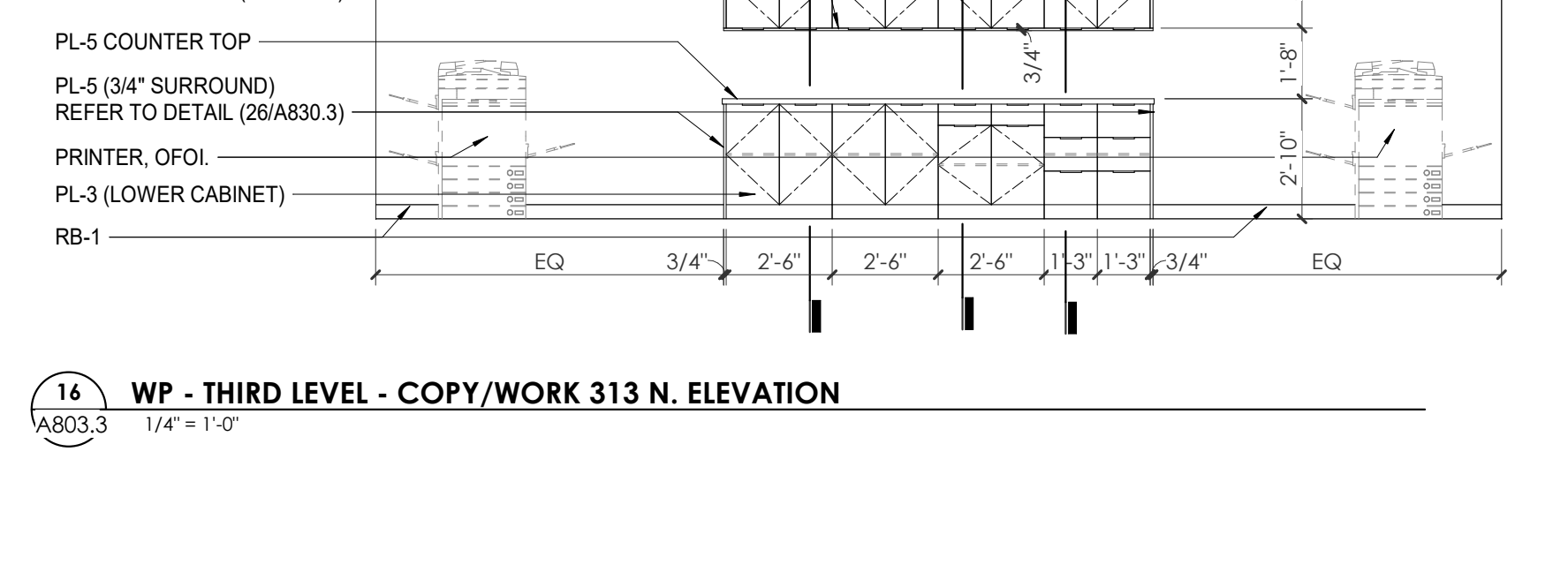
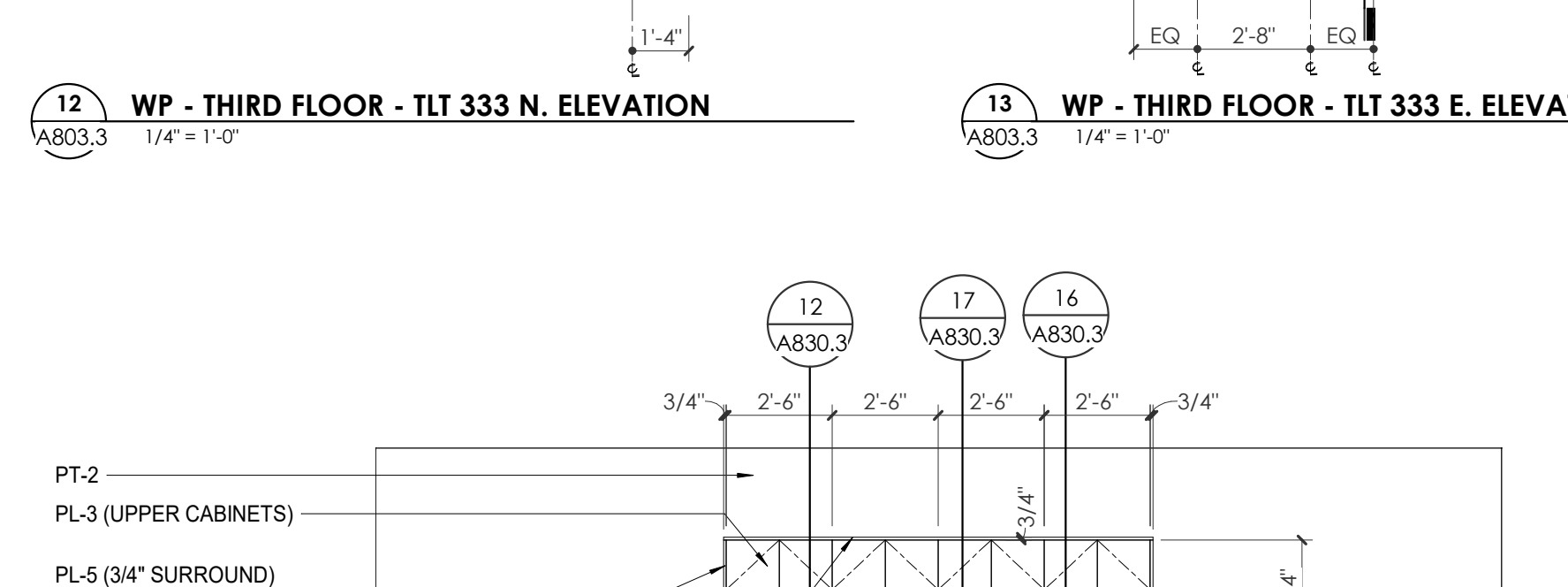
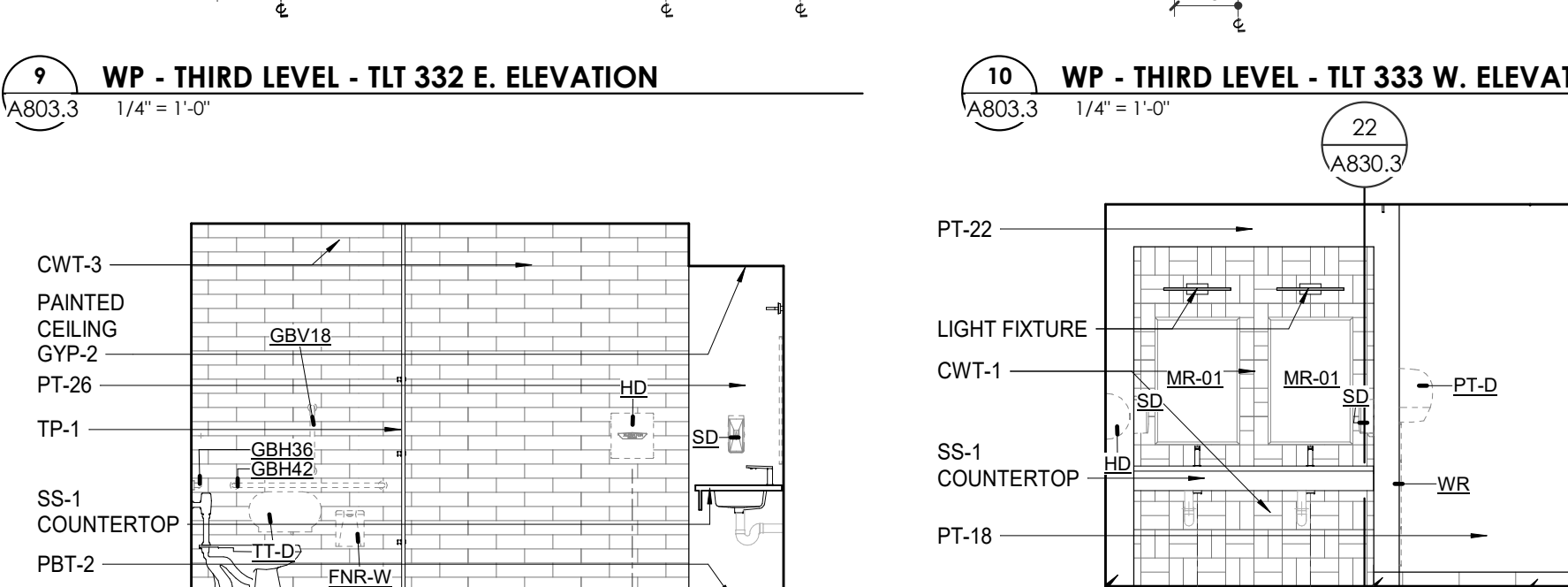
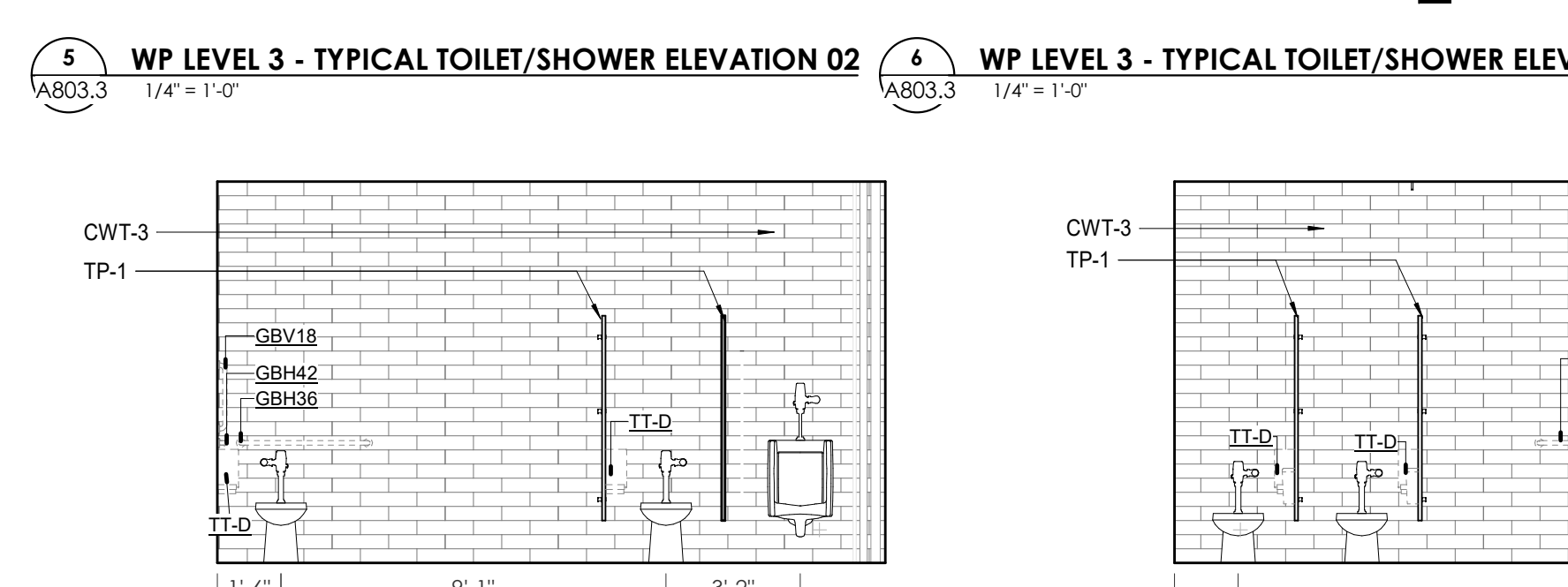
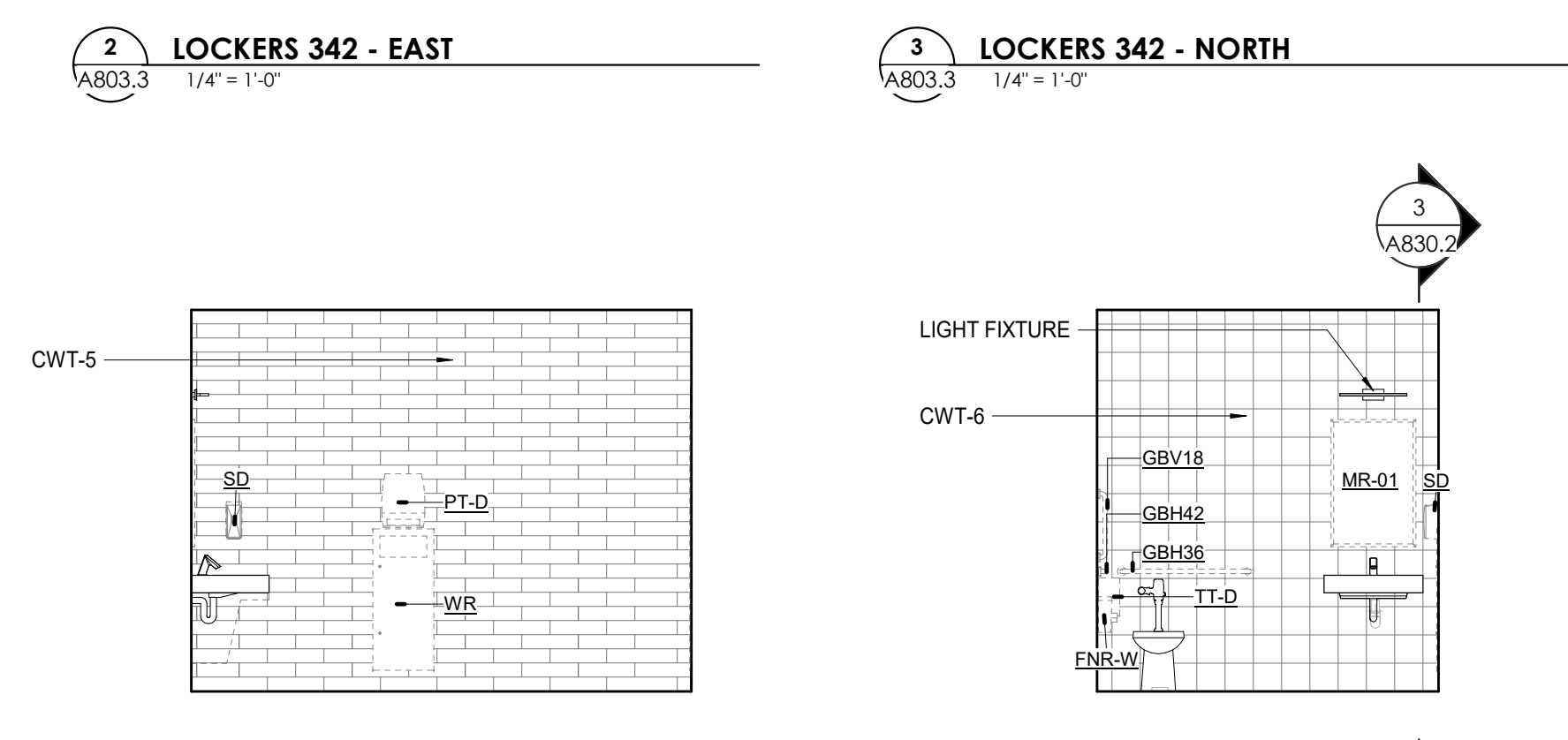
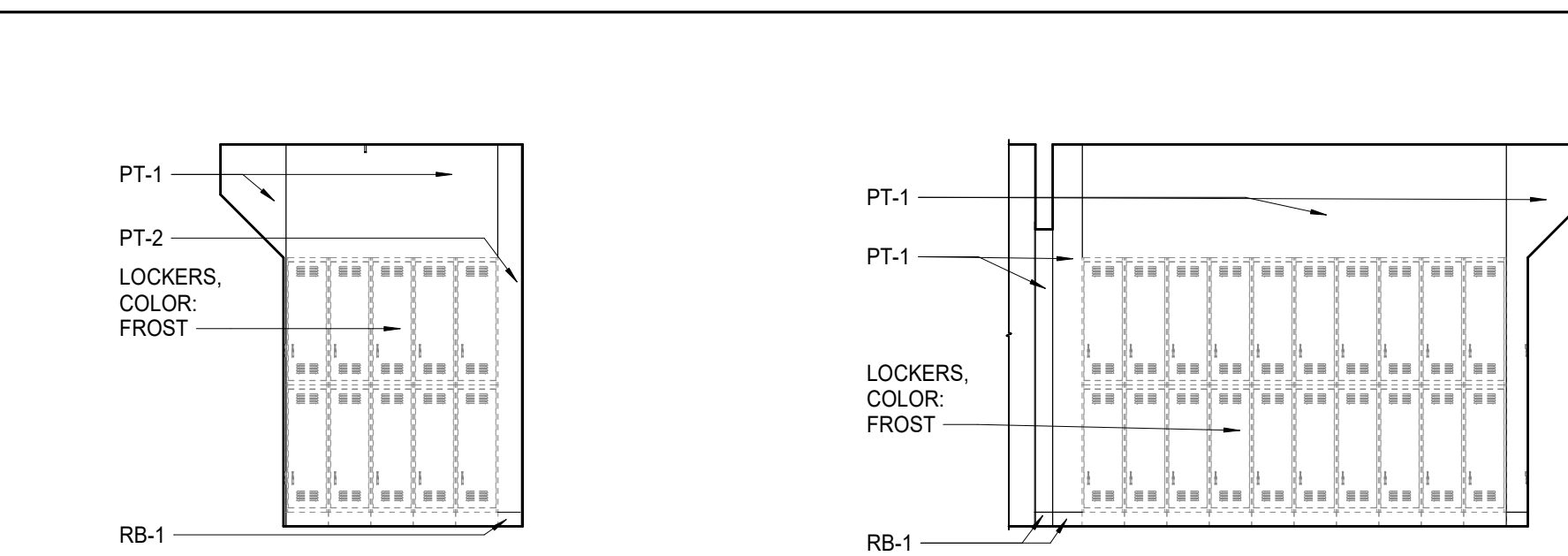
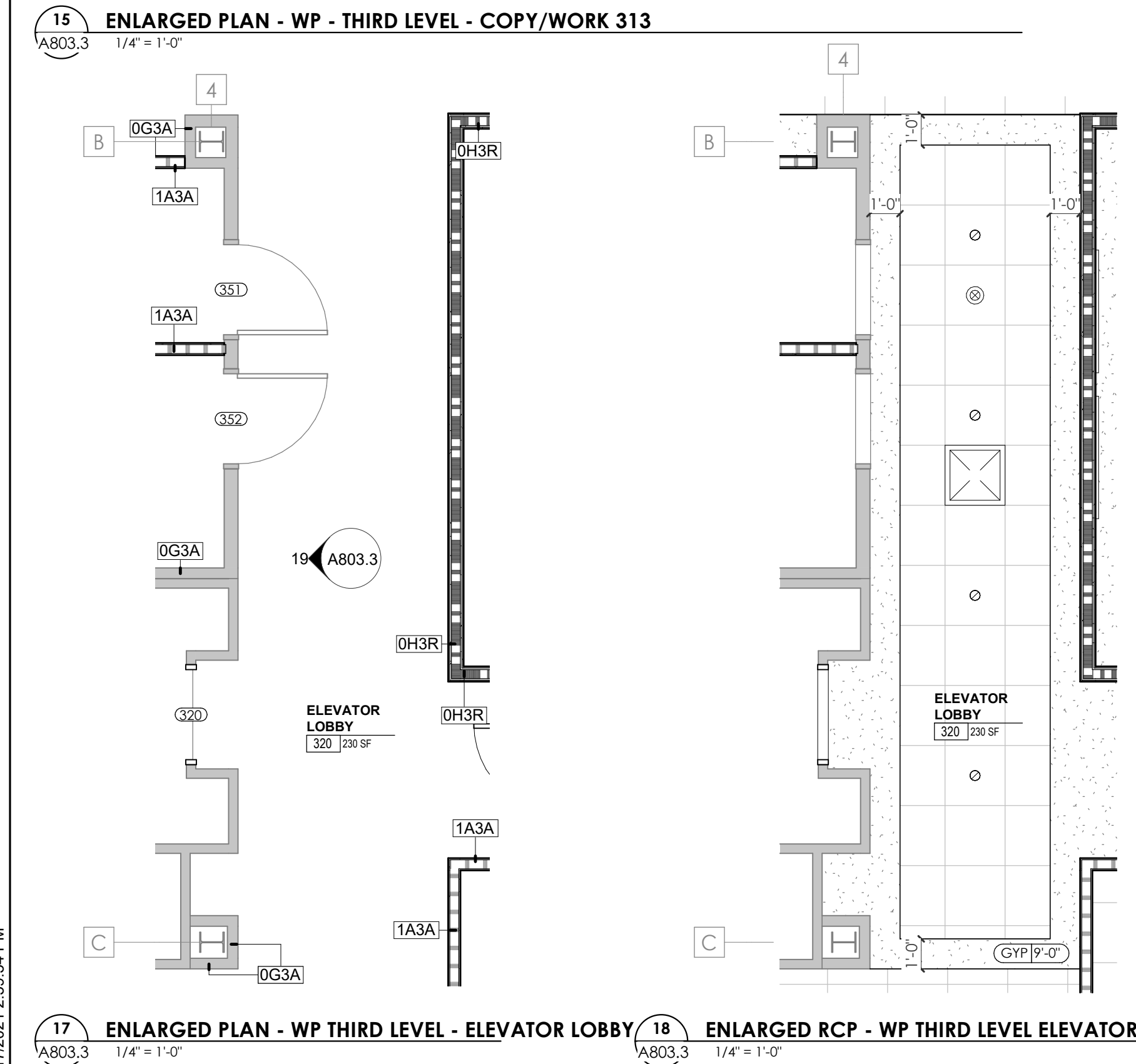
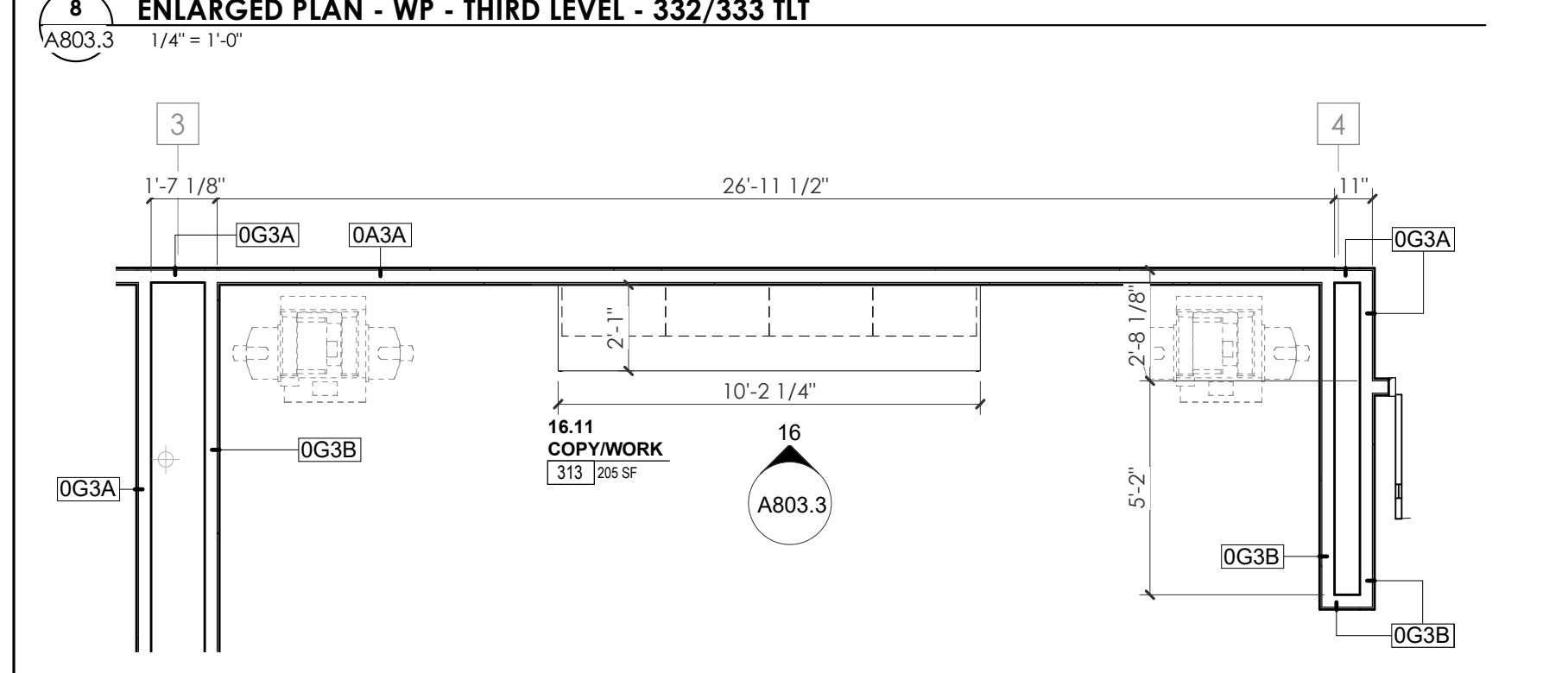
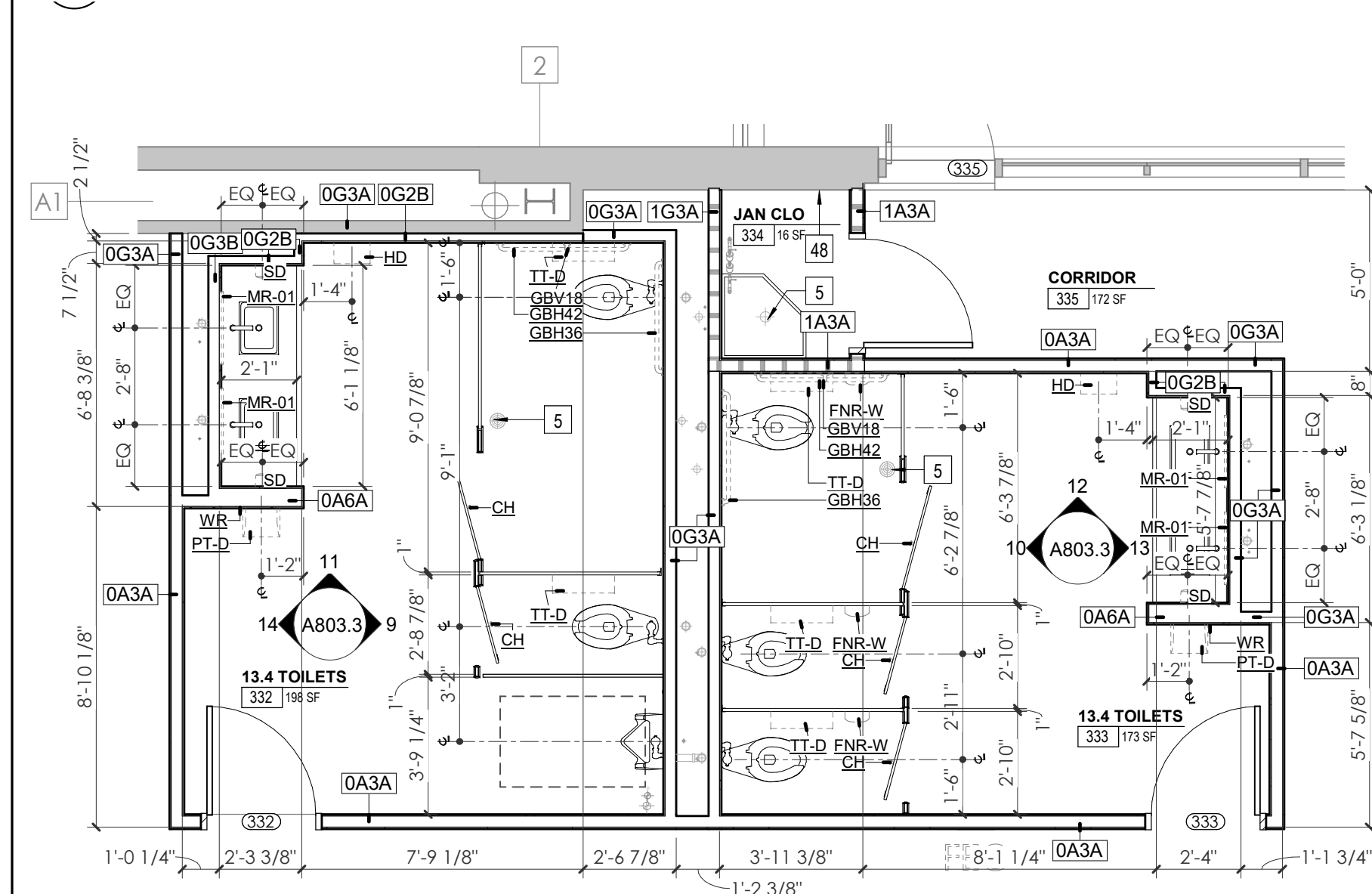
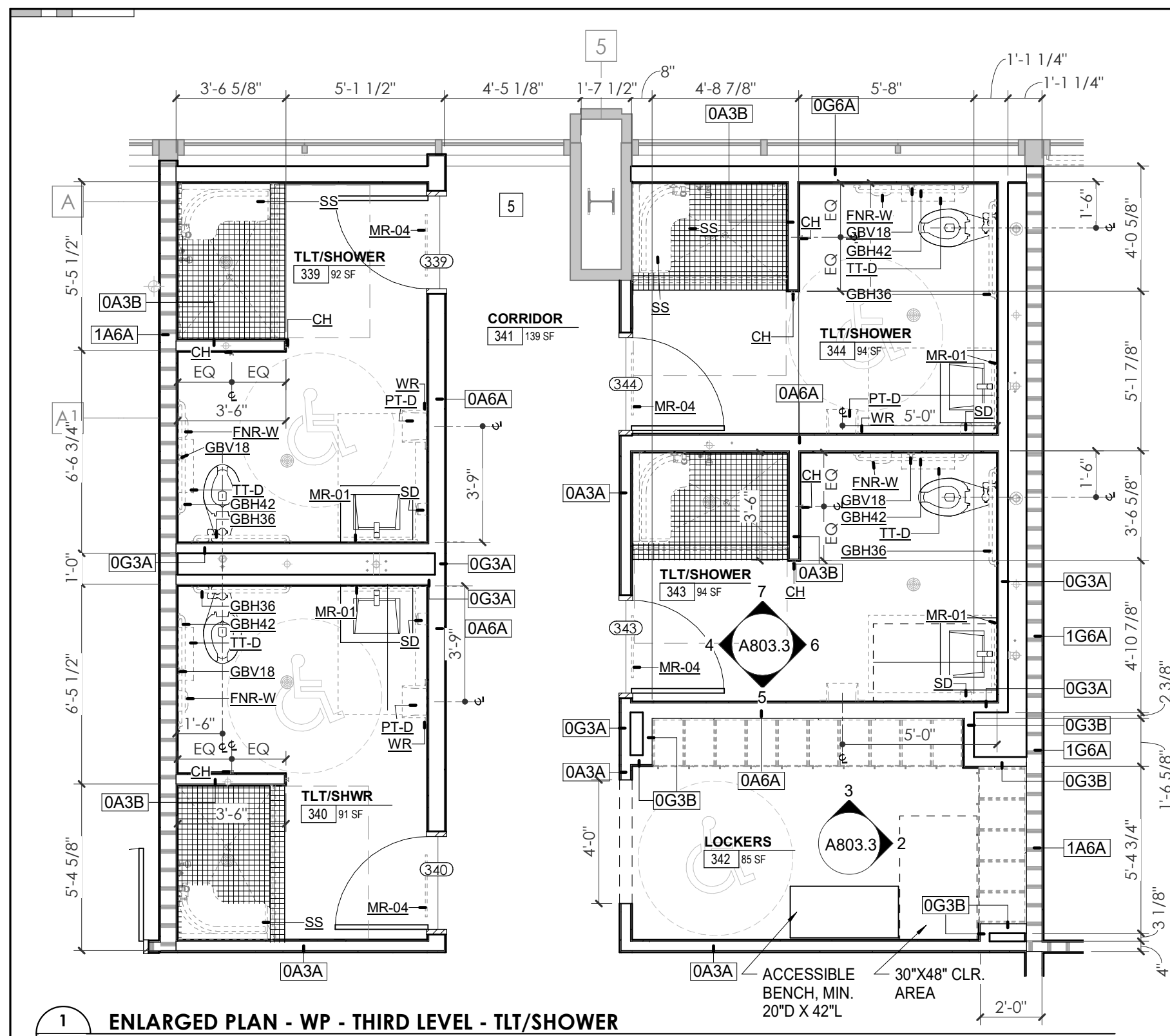


Consultant:
Architects Design Group

#	ISSUE	DATE
2	ADD #02.1	02/17/21

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



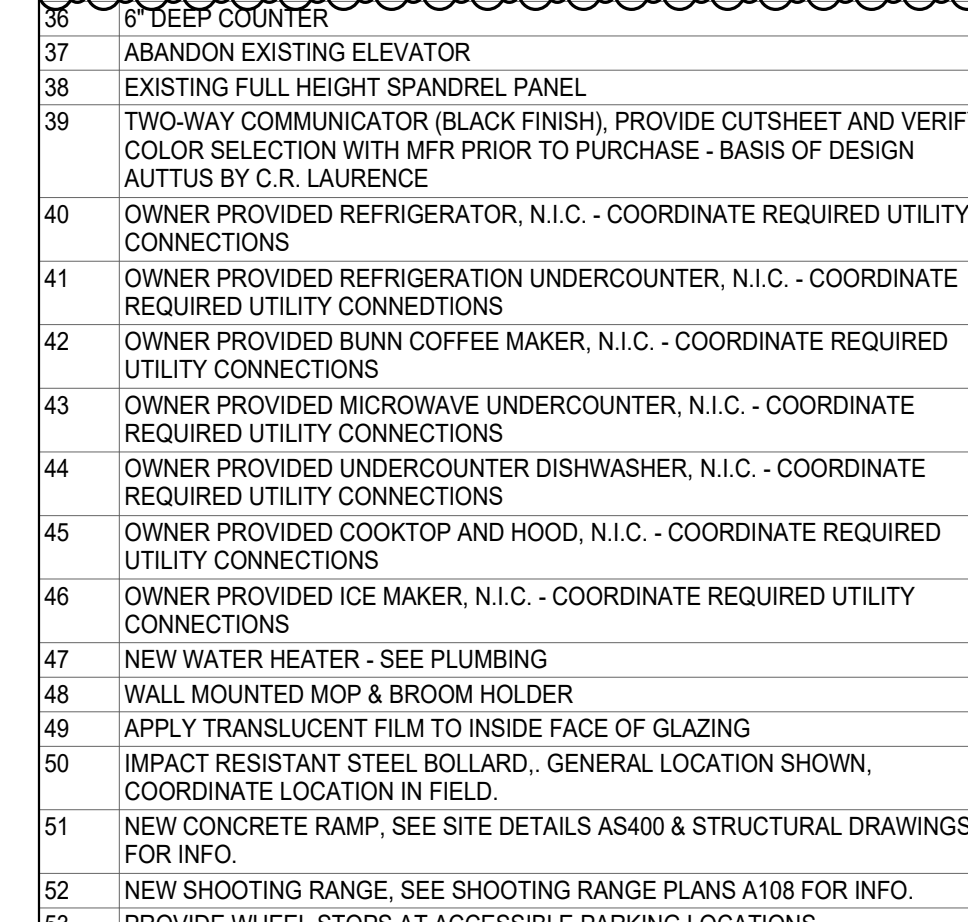
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[Symbol]	WOOD PANEL CEILING
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[Symbol]	SPRINKLER HEAD, CENTER IN CEILING TILE (UNO)
[Symbol]	HVAC CEILING SUPPLY
[Symbol]	HVAC CEILING RETURN
[Symbol]	HVAC LINEAR SUPPLY
[Symbol]	HVAC LINEAR RETURN
[Symbol]	ACCESS PANEL

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 3/8" 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. PROVIDE NEW GYP. BD. SOFFIT ON EXISTING METAL STUD SOFFIT FRAMING TO REMAIN - VERIFY IN FIELD
13	LOCKERS BELOW (DASHED)
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-5	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 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 & 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 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 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 TRANSLUCENT FILM TO INSIDE FACE OF GLAZING
50	IMPACT RESISTANT STEEL BOLLARD, GENERAL LOCATION SHOWN, COORDINATE LOCATION IN FIELD.
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 BY 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	
[Symbol]	WP



Project Information:

19018

COK PUBLIC SAFETY COMPLEX

900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:

Architects Design Group

#	ISSUE	DATE
2	ADD #2.1	02/17/21

Issue Date: FEBRUARY 01, 2021

PKC: DAVID COLLINS

PM: JOHN THURMAN

PA: LAUREN BUSH /

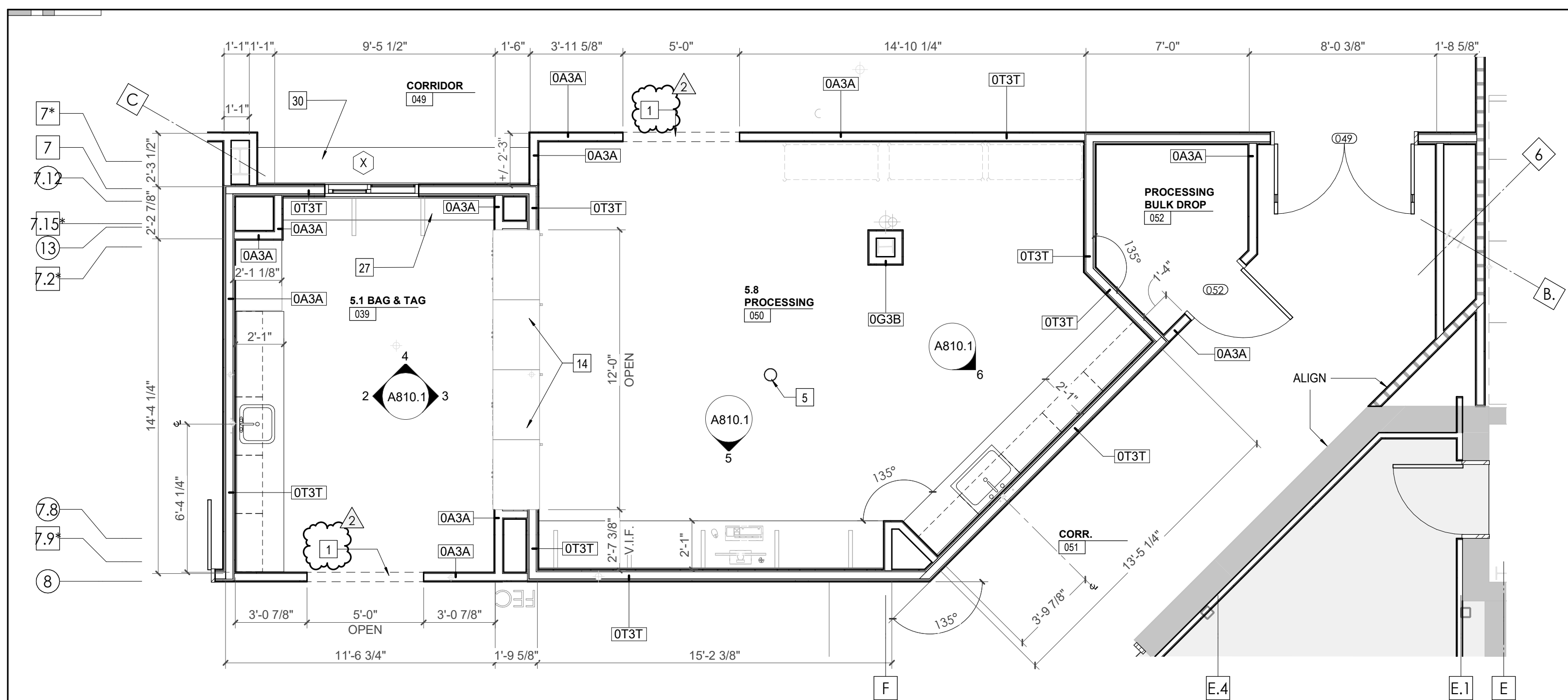
Drawn By: Author

Checked By: BP

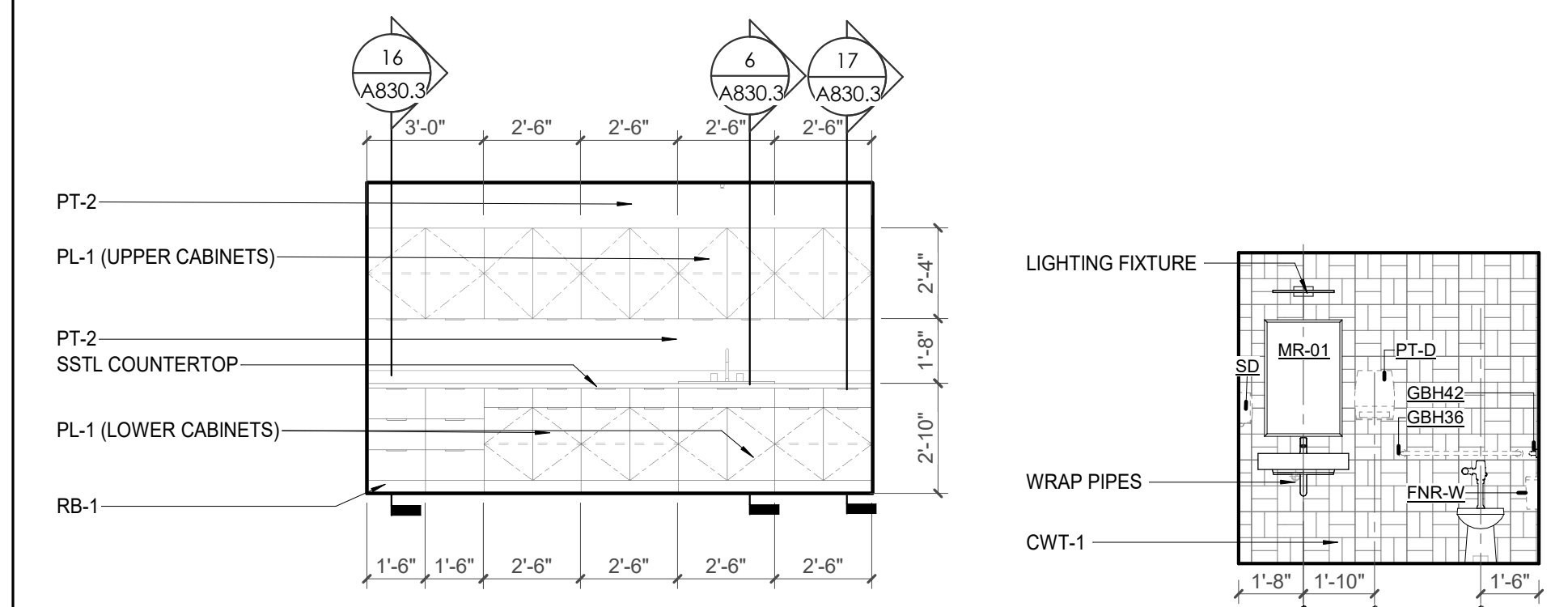
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CA - ENLARGED PLANS AND ELEVATIONS LL3 - EVIDENCE/FORENSICS

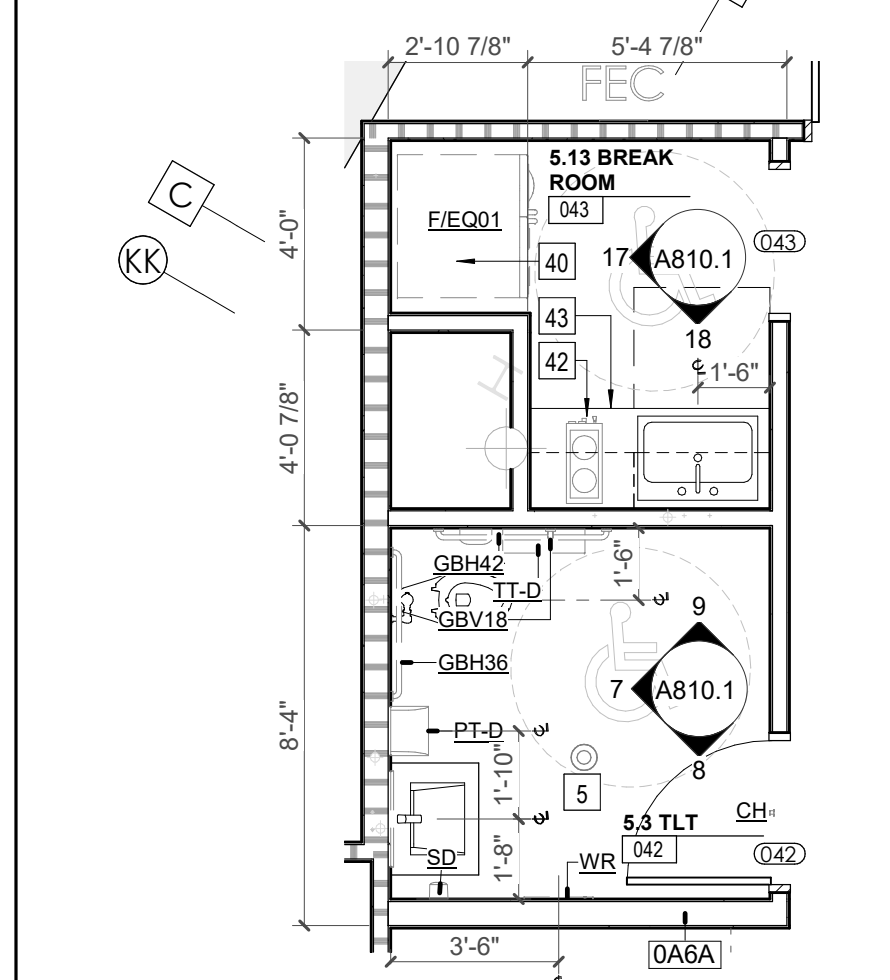


1 ENLARGED PLAN - CA - LL3 - BAG & TAG AND PROCESSING 039-050
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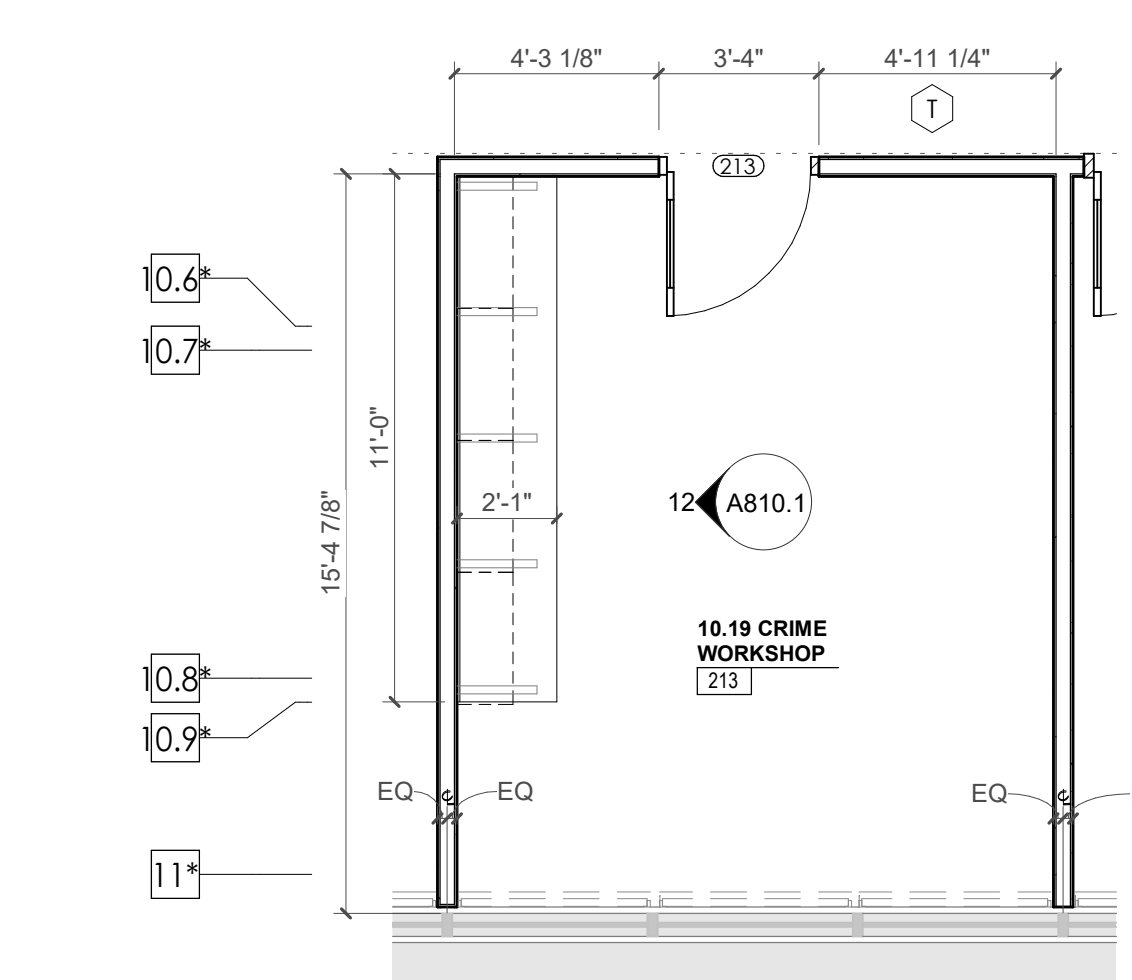


4 CA - LL3 - PROCESSING 050 - SE. ELEVATION
A810.1 1/4" = 1'-0"

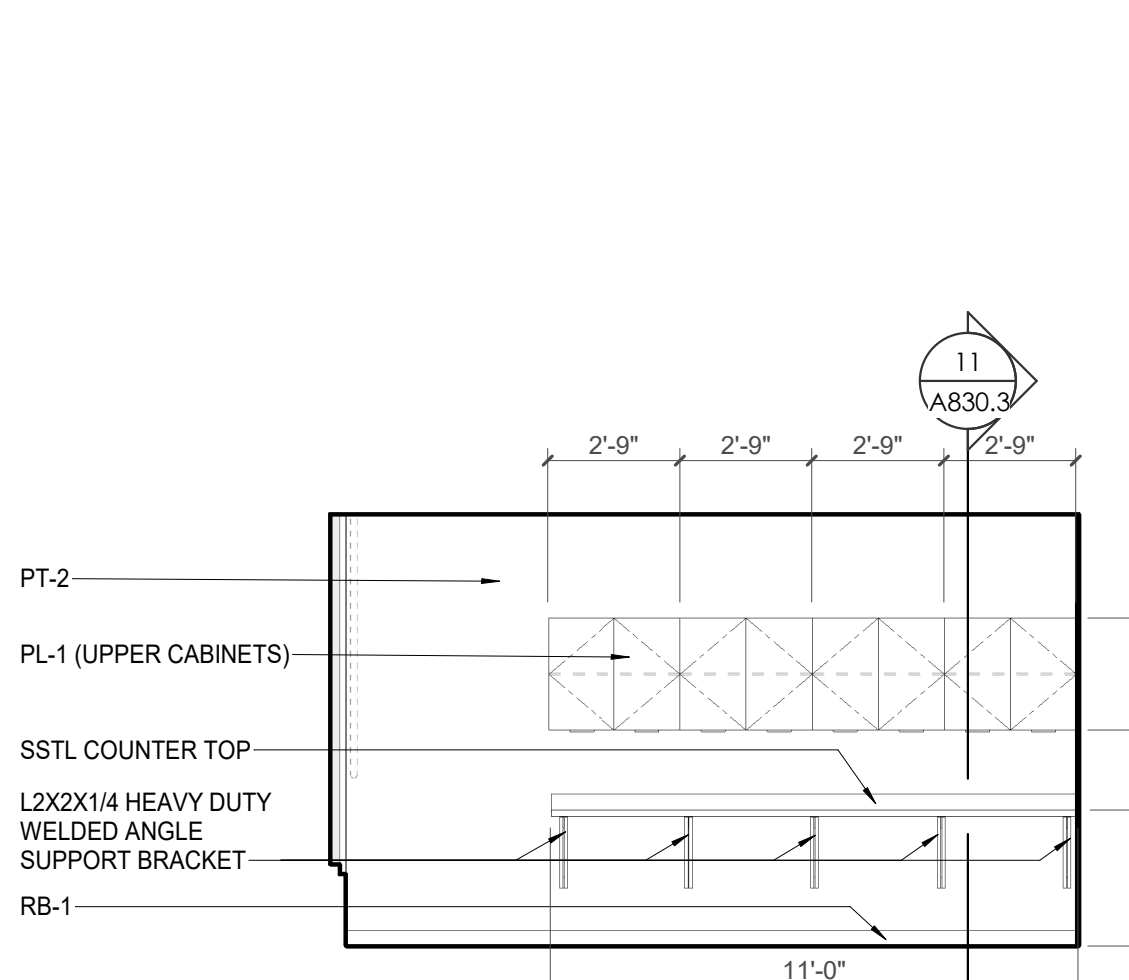
7 CA - TYP - TLTS 042 & 117 W. ELEVATION
A810.1 1/4" = 1'-0"



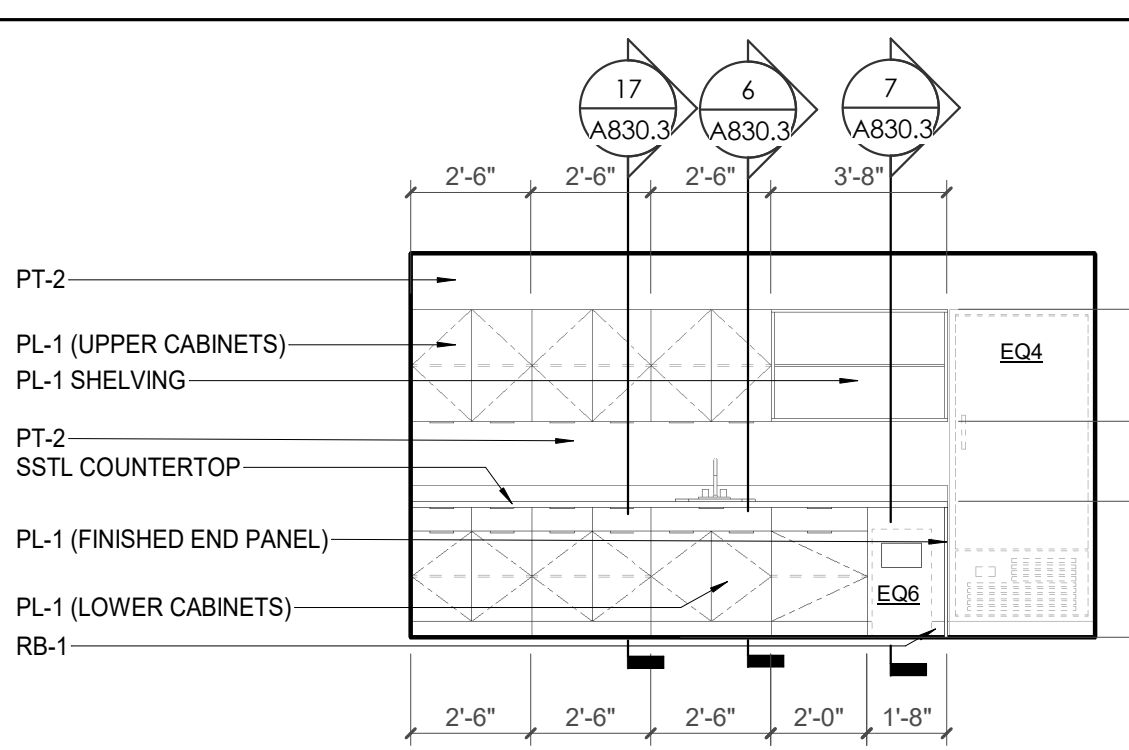
10 ENLARGED PLAN - CA - LL3 - BREAK RM 043
A810.1 1/4" = 1'-0"



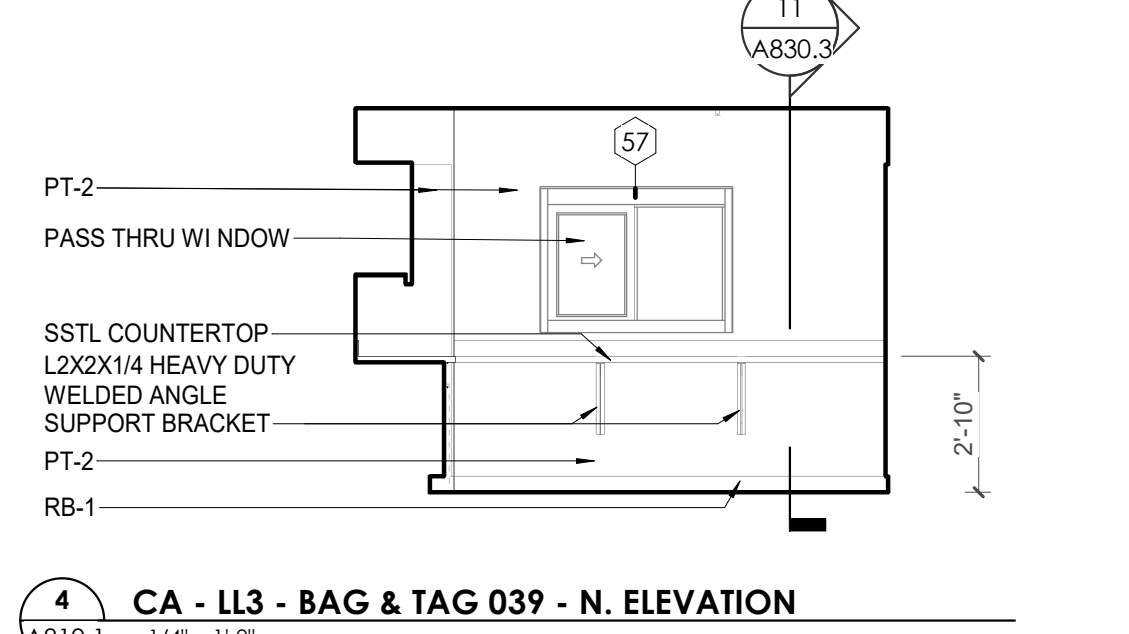
11 ENLARGED PLAN - CA - LL3 - CRIME WORKSHOP 213
A810.1 1/4" = 1'-0"



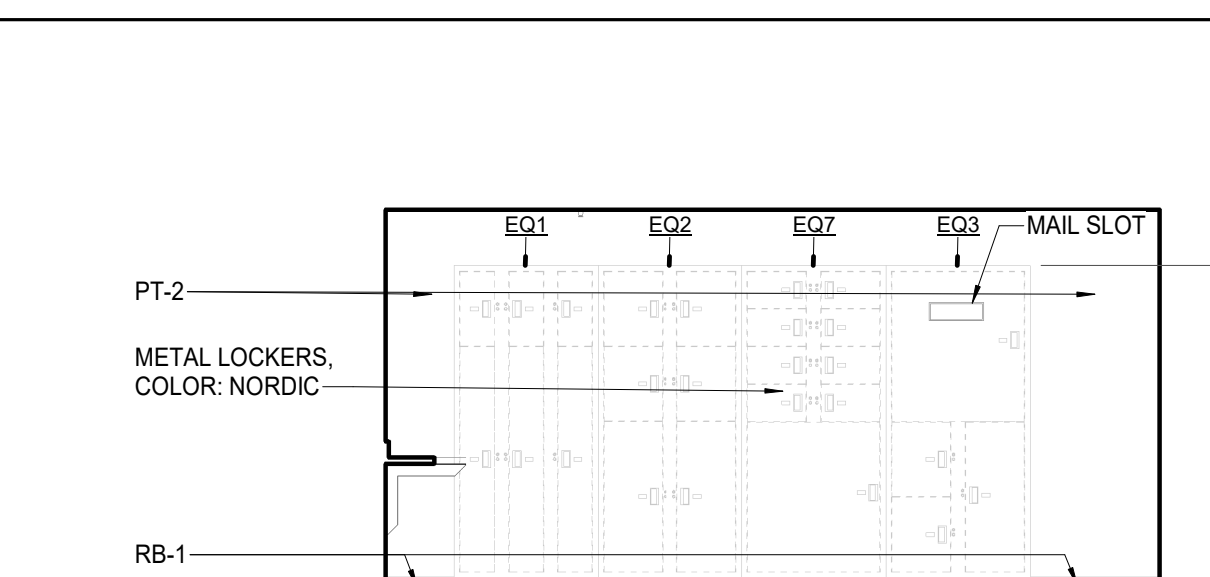
12 CA - LL3 - CRIME WORKSHOP 213 - W. ELEVATION
A810.1 1/4" = 1'-0"



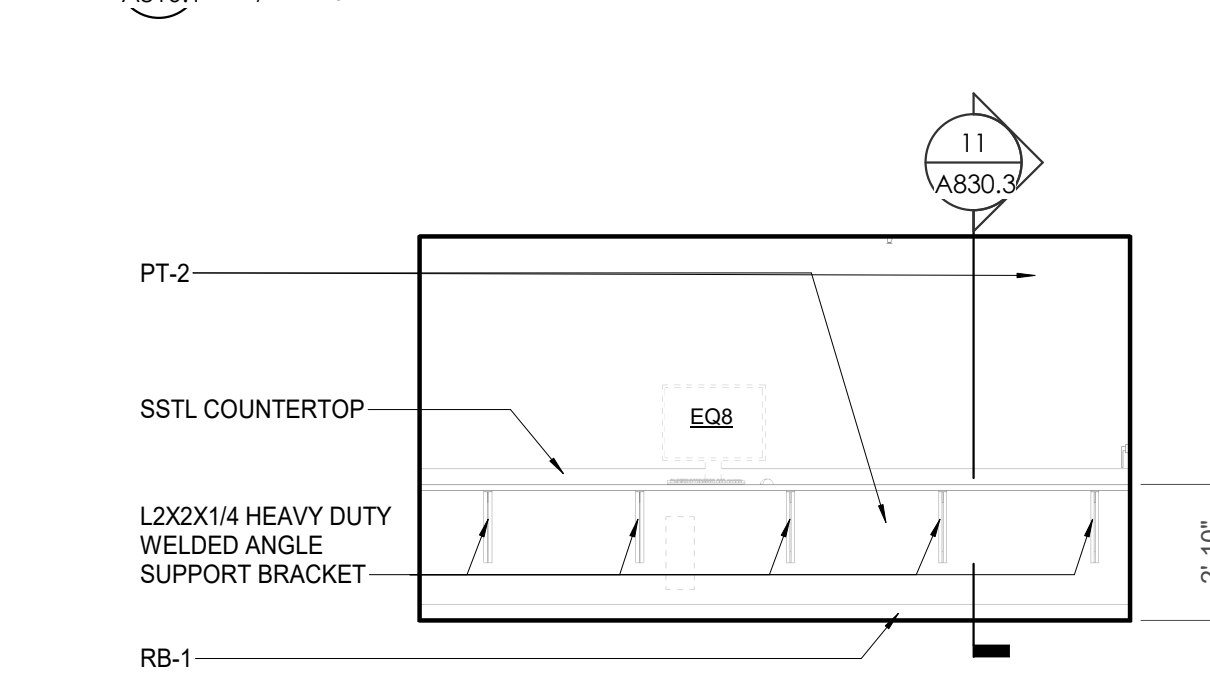
2 CA - LL3 - BAG & TAG 039 - W. ELEVATION
A810.1 1/4" = 1'-0"



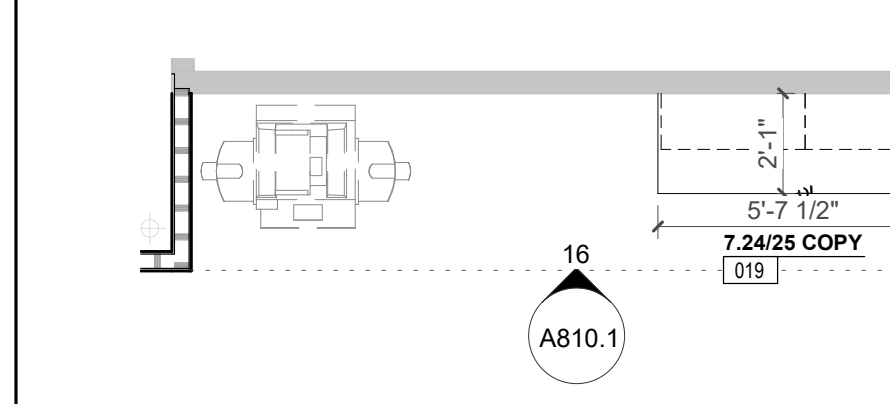
4 CA - LL3 - BAG & TAG 039 - N. ELEVATION
A810.1 1/4" = 1'-0"



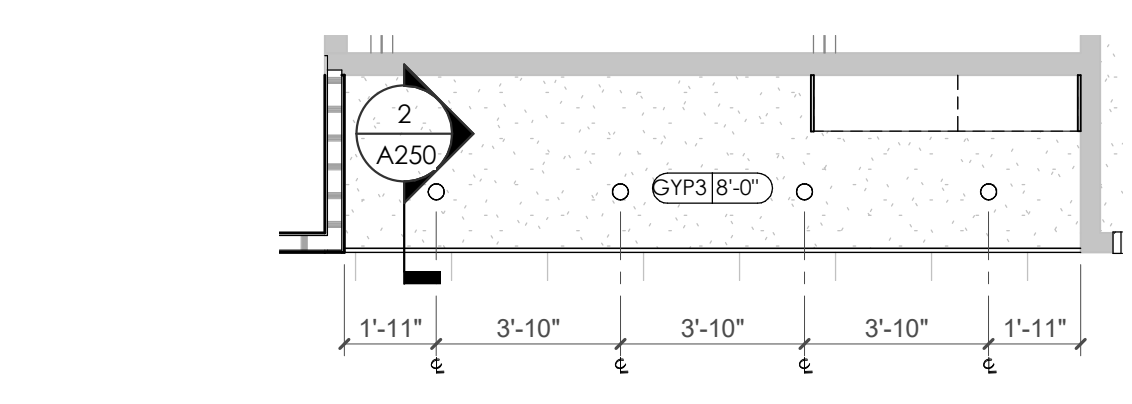
3 CA - LL3 - BAG & TAG 039 - E. ELEVATION
A810.1 1/4" = 1'-0"



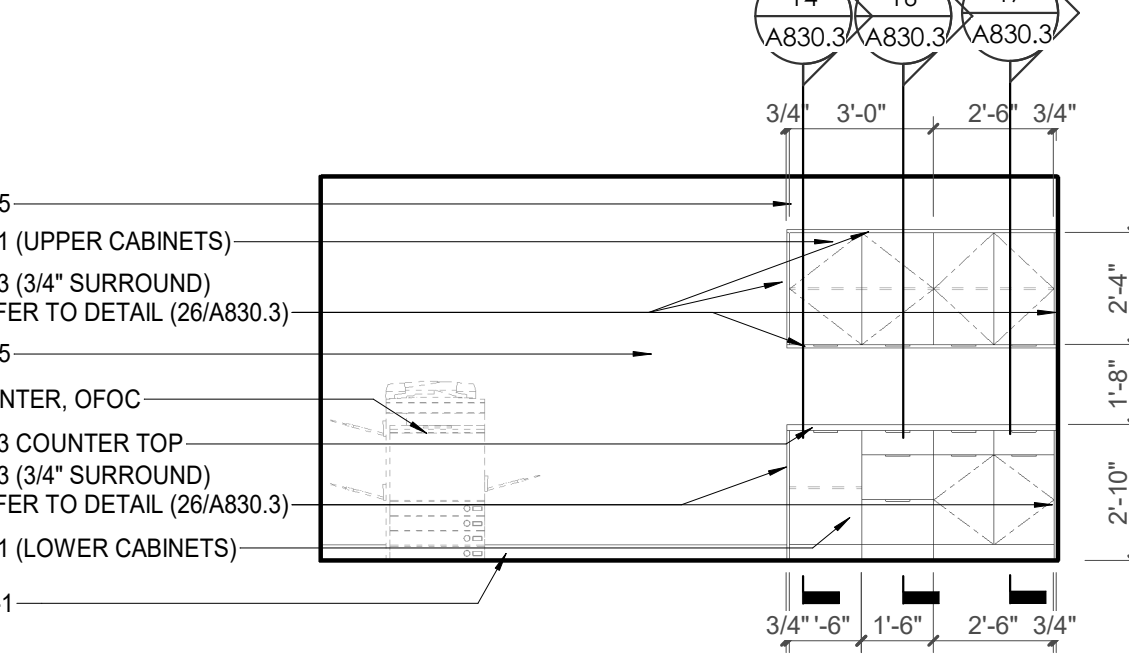
5 CA - LL3 - PROCESSING 050 - S. ELEVATION
A810.1 1/4" = 1'-0"



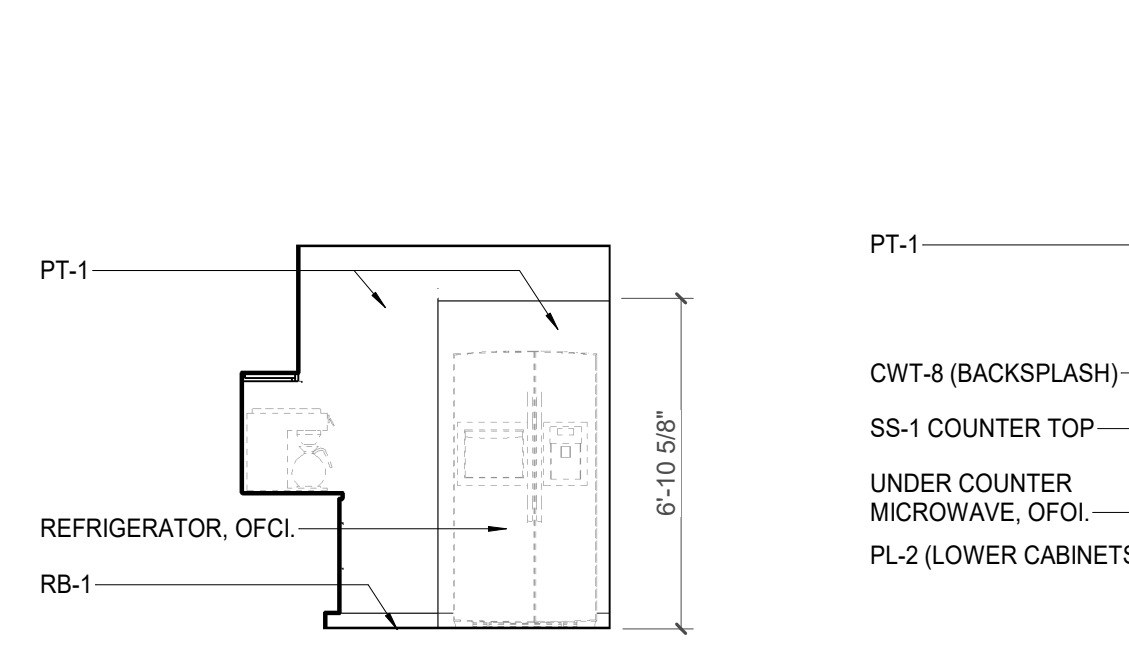
14 ENLARGED PLAN - CA - LL3 - BREAK/COPY 019
A810.1 1/4" = 1'-0"



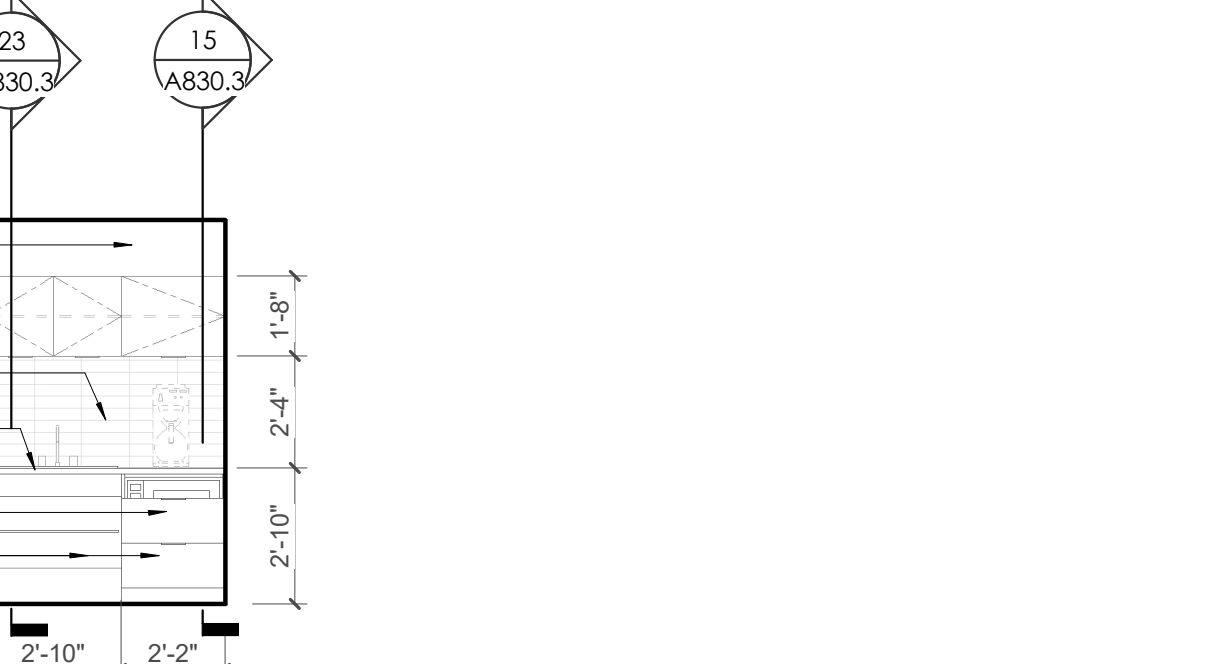
15 ENLARGED RCP - CA - LL3 - BREAK/COPY 019
A810.1 1/4" = 1'-0"



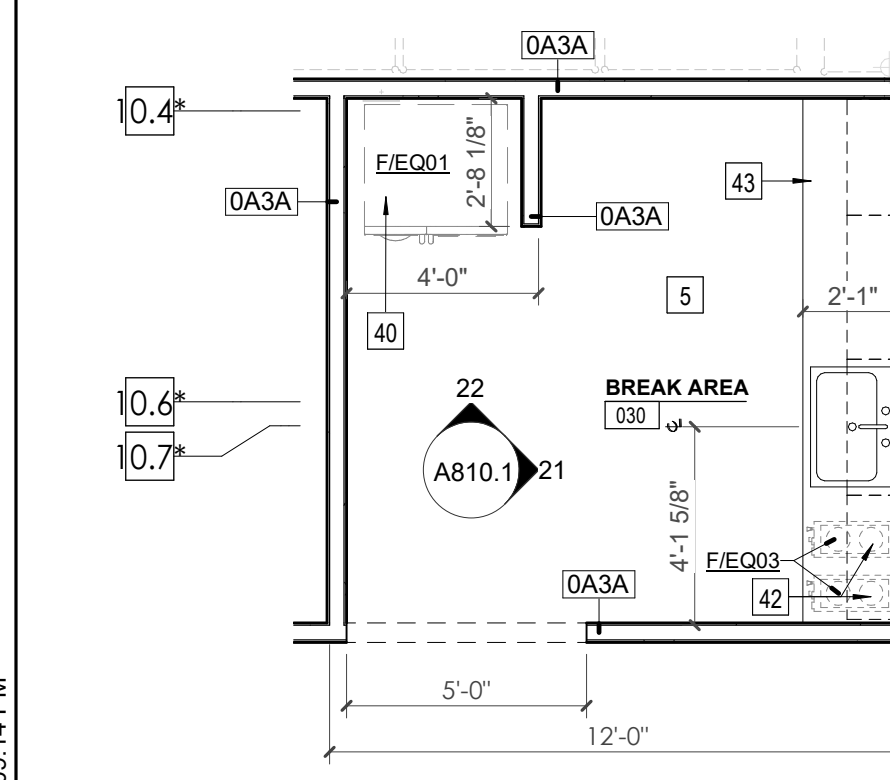
16 CA - LL3 - BREAK/COPY 019 ELEVATION
A810.1 1/4" = 1'-0"



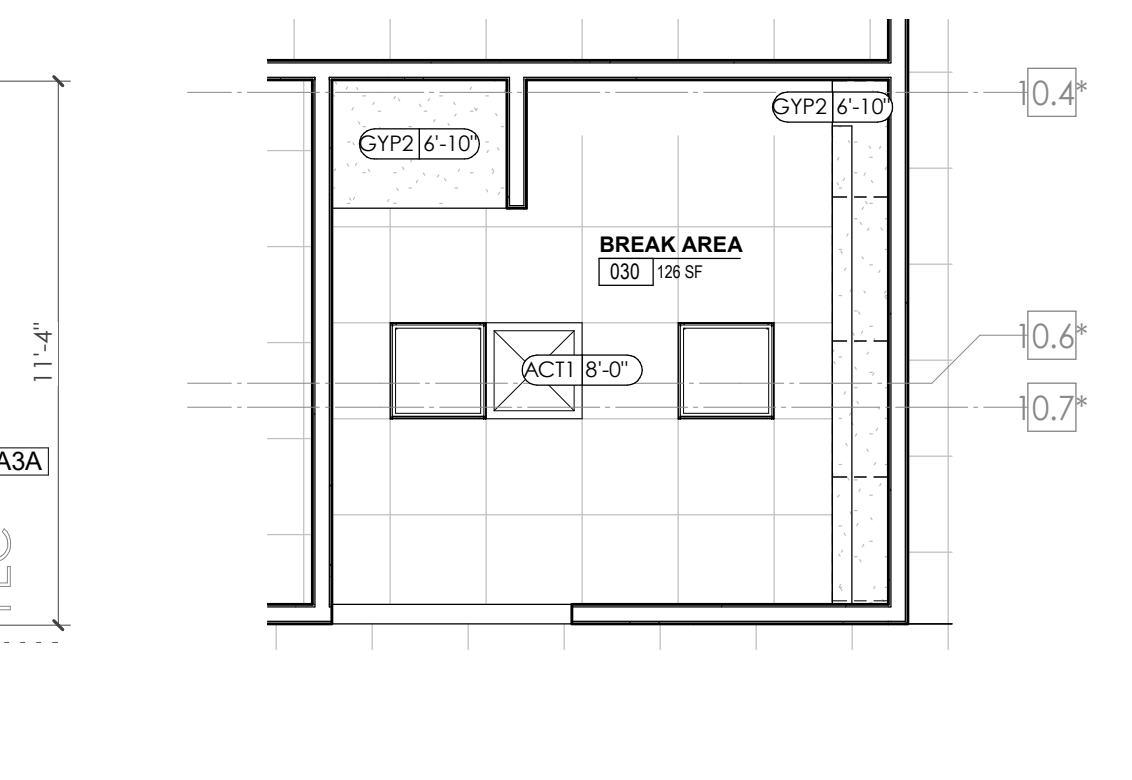
17 CA - LL3 - BREAK RM 043 W. ELEVATION
A810.1 1/4" = 1'-0"



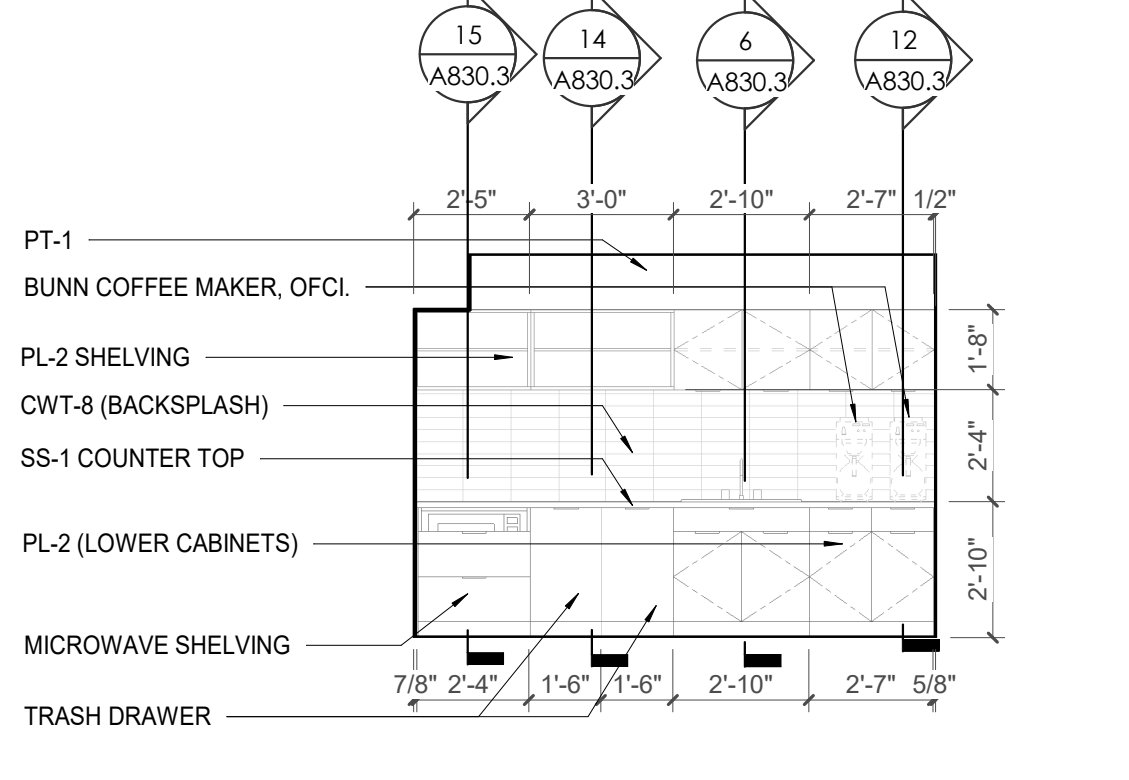
18 CA - LL3 - BREAK RM 043 S. ELEVATION
A810.1 1/4" = 1'-0"



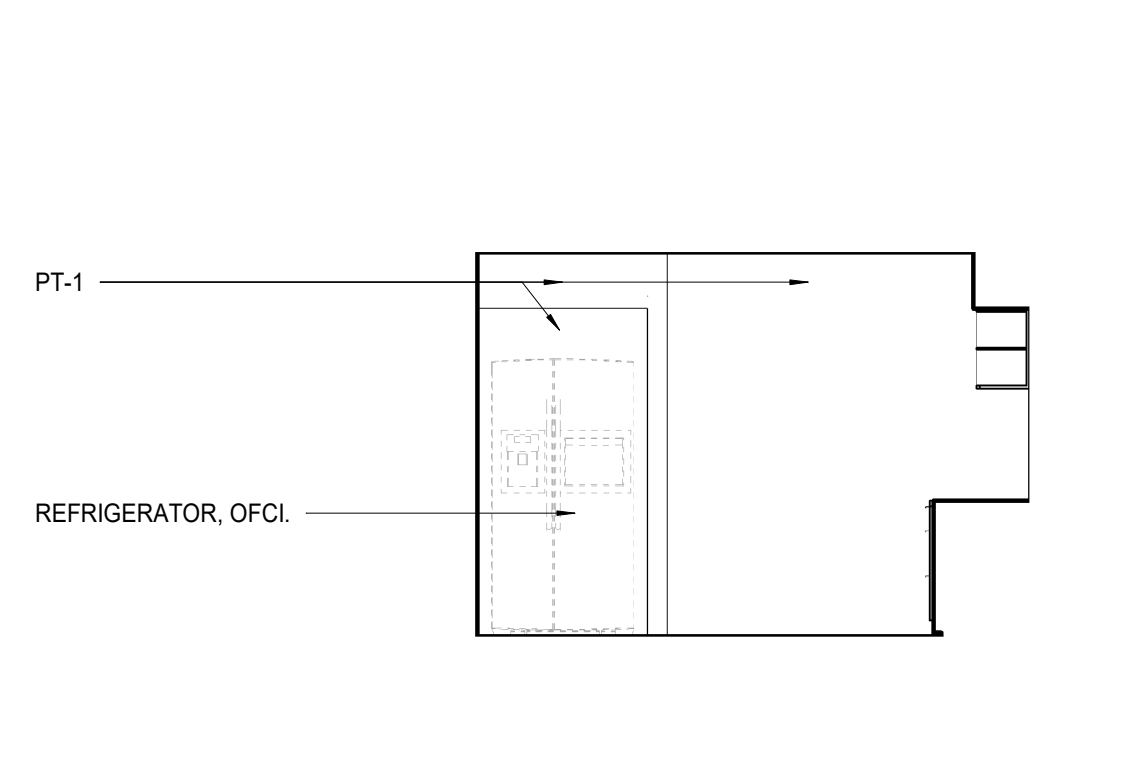
19 ENLARGED PLAN - CA - LL3 - BREAK AREA 030
A810.1 1/4" = 1'-0"



20 ENLARGED RCP - CA - LL3 - BREAK AREA 030
A810.1 1/4" = 1'-0"

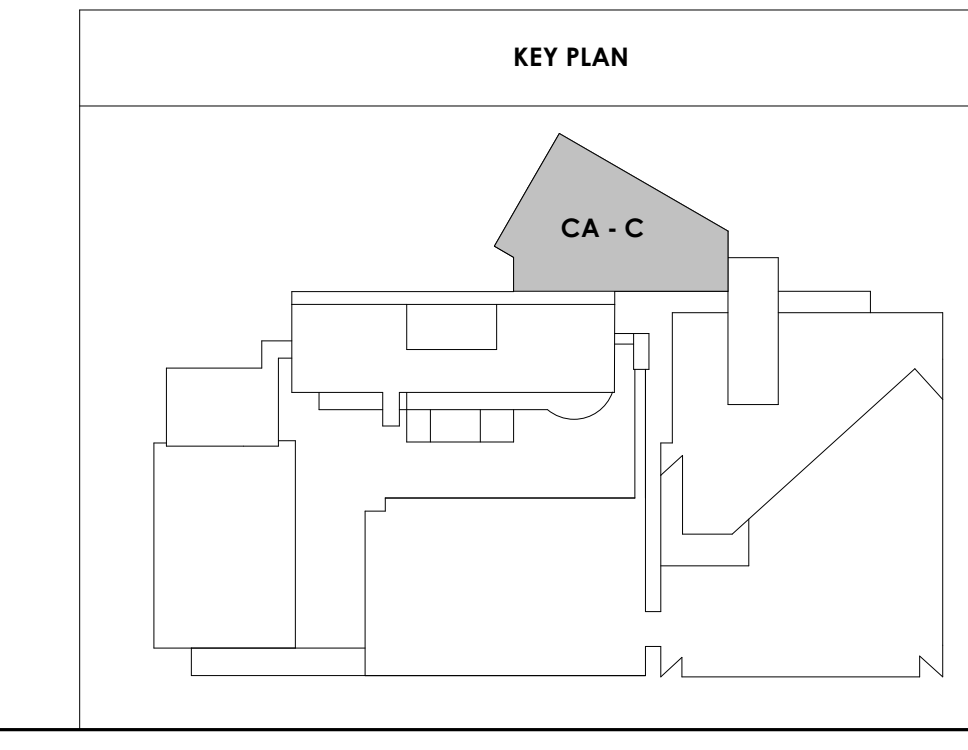


21 CA - LL3 - BREAK AREA 030 - E. ELEVATION
A810.1 1/4" = 1'-0"



22 CA - LL3 - BREAK AREA 030 - N. 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 59" MIRROR, DOOR MOUNTED, BLACK FRAME
FNH-5	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

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Seal:



Consultant:
Architects Design Group

#	ISSUE	DATE
2	ADD #2.1	02/17/21

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

Drawing Info:

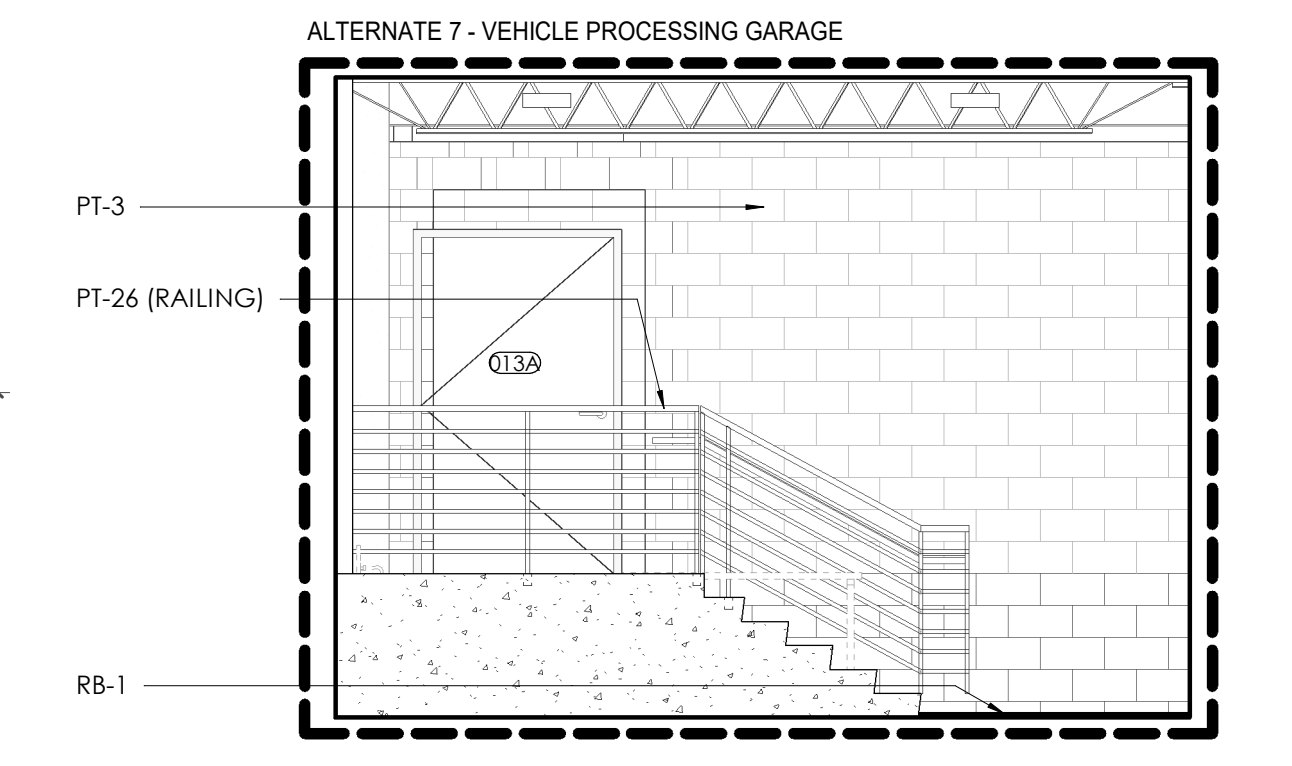
A810.2

CA - ENLARGED PLANS AND ELEVATIONS LL3 - VPG

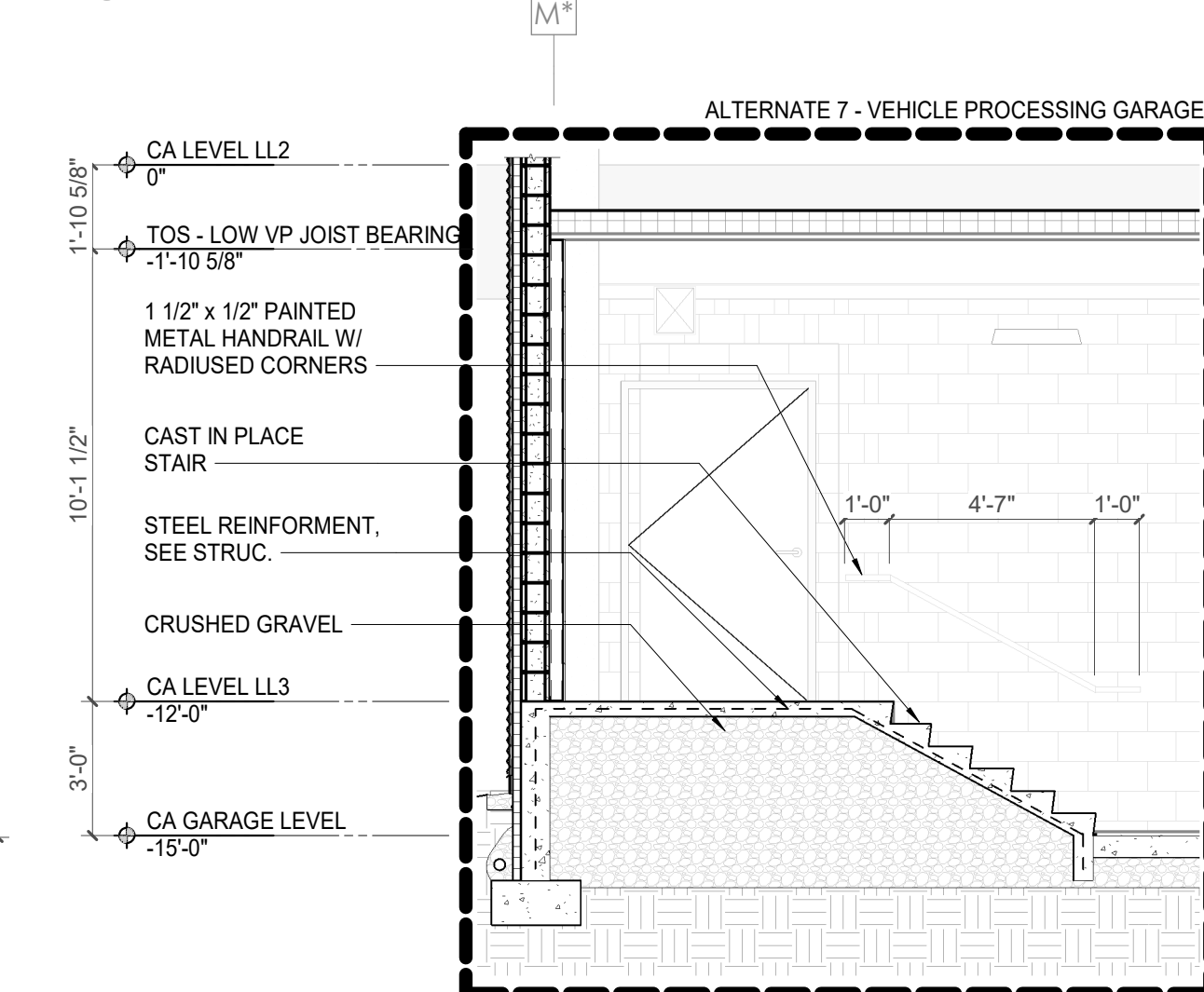
WALL LEGEND	
	2 HR PARTITION (ASSEMBLY VARIES)
	1 HR PARTITION (ASSEMBLY VARIES)
	BALLISTIC LEVEL 3 PARTITION (ASSEMBLY VARIES)
	NEW PARTITION (ASSEMBLY VARIES)
	EXISTING PARTITION
	EXISTING PARTITION TO BE DEMOLISHED

KEYNOTES - FLOOR PLANS

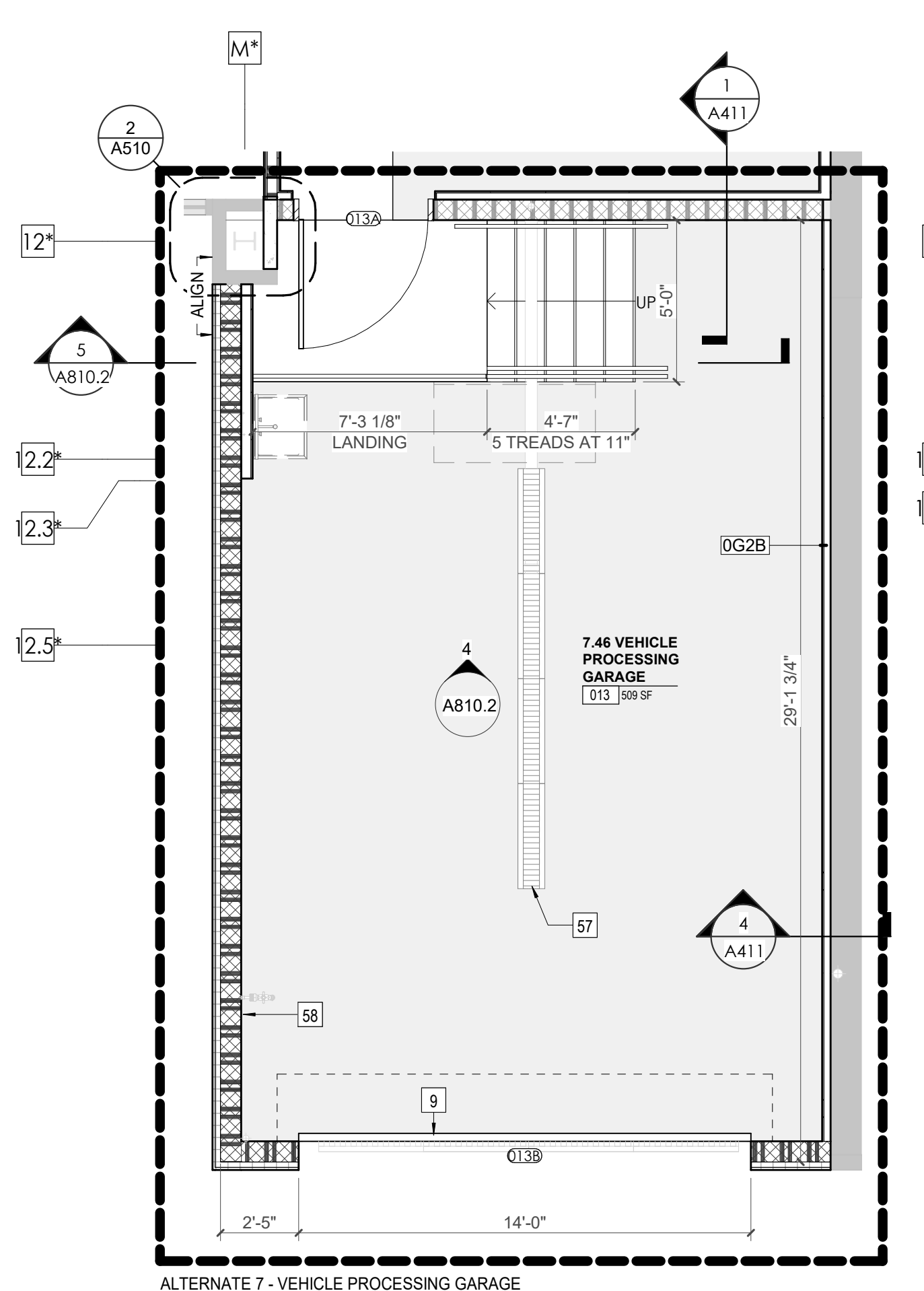
TAG	TEXT
1	SOFFIT ABOVE (DASHED)
2	EXISTING EGRESS STAIR TO REMAIN - PREP & PAINT EXISTING HANDRAILS, STAIR, & WALLS TO REMAIN
3	EXISTING ELEVATOR TO BE MODIFIED/REPLACED AS REQUIRED TO REACH ALL FOUR (4) FLOORS. SEE ELEVATOR PLANS & DETAILS SHEET FOR INFO
4	EXISTING ELEVATOR - REFURBISH EQUIPMENT & 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 SWK - 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 UNDERCOUNTERS
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 REFRIGERATOR UNDERCOUNTER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
43	OWNER PROVIDED BLIND COFFEE MAKER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
44	OWNER PROVIDED MICROWAVE UNDERCOUNTER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
45	OWNER PROVIDED UNDERCOUNTER DISHWASHER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
46	OWNER PROVIDED COOKTOP AND HOOD, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
47	OWNER PROVIDED ICE MAKER, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
48	NEW WATER HEATER - SEE PLUMBING
49	WALL MOUNTED MOP & BROOM HOLDER
50	APPLY TRANSLUCENT FILM TO INSIDE FACE OF GLAZING
51	IMPACT RESISTANT STEEL BOLLARD, GENERAL LOCATION SHOWN, COORDINATE LOCATION IN FIELD
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 BARGE IN ACCESS READER, SEE SHEET A810 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
60	EYE WASH - SEE PLUMBING
61	1" FLUSH FLOOR TO FLOOR 2 HR EXPANSION JOINT (TYPE 1) TO MATCH ADJACENT TILE - SEE STRUC AND DETAILS ON A111.2
62	1" FLUSH FLOOR TO FLOOR 2 HR EXPANSION JOINT (TYPE 2) TO MATCH ADJACENT CARPET - SEE STRUC AND DETAILS ON A111.2
63	1" FLUSH FLOOR TO WALL 2 HR EXPANSION JOINT (TYPE 3) TO MATCH ADJACENT CARPET - SEE STRUC AND DETAILS ON A111.2
64	1" FLUSH FLOOR TO WALL 2 HR EXPANSION JOINT (TYPE 4) TO MATCH ADJACENT TILE - SEE STRUC AND DETAILS ON A111.2
65	1" FLUSH WALL CEILING TO WALL/CILING EXPANSION JOINT (TYPE 5) TO MATCH ADJACENT PAINT COLOR - SEE STRUC AND DETAILS ON A111.2
66	1" EXPANSION JOINT (TYPE 6) TO MATCH ADJACENT BRICK - SEE STRUC AND DETAILS
67	ADA PUSH BUTTON
68	FLOOR BOX - VERIFY FINAL LOCATION PRIOR TO INSTALLATION W/ ARCHITECT, COORDINATE W/ SYSTEMS FURNITURE - SEE ELECTRICAL
69	OWNER PROVIDED VENDING MACHINE, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
70	CEILING MOUNTED TV, PROVIDE NECESSARY MOUNTING HARDWARE - SEE ELECTRICAL AND TELECOMMUNICATIONS
71	OWNER PROVIDED MICROWAVE, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
72	24" DEEP STAINLESS PASS THROUGH COUNTER INSTALLED 34" A.F.F. SEE ENLARGED PLANS FOR INFO.
73	EXISTING ELEVATOR - TO BE ABANDONED. WELD DOORS SHUT AND INFILL OPENING WITH METAL STUD FRAMING.



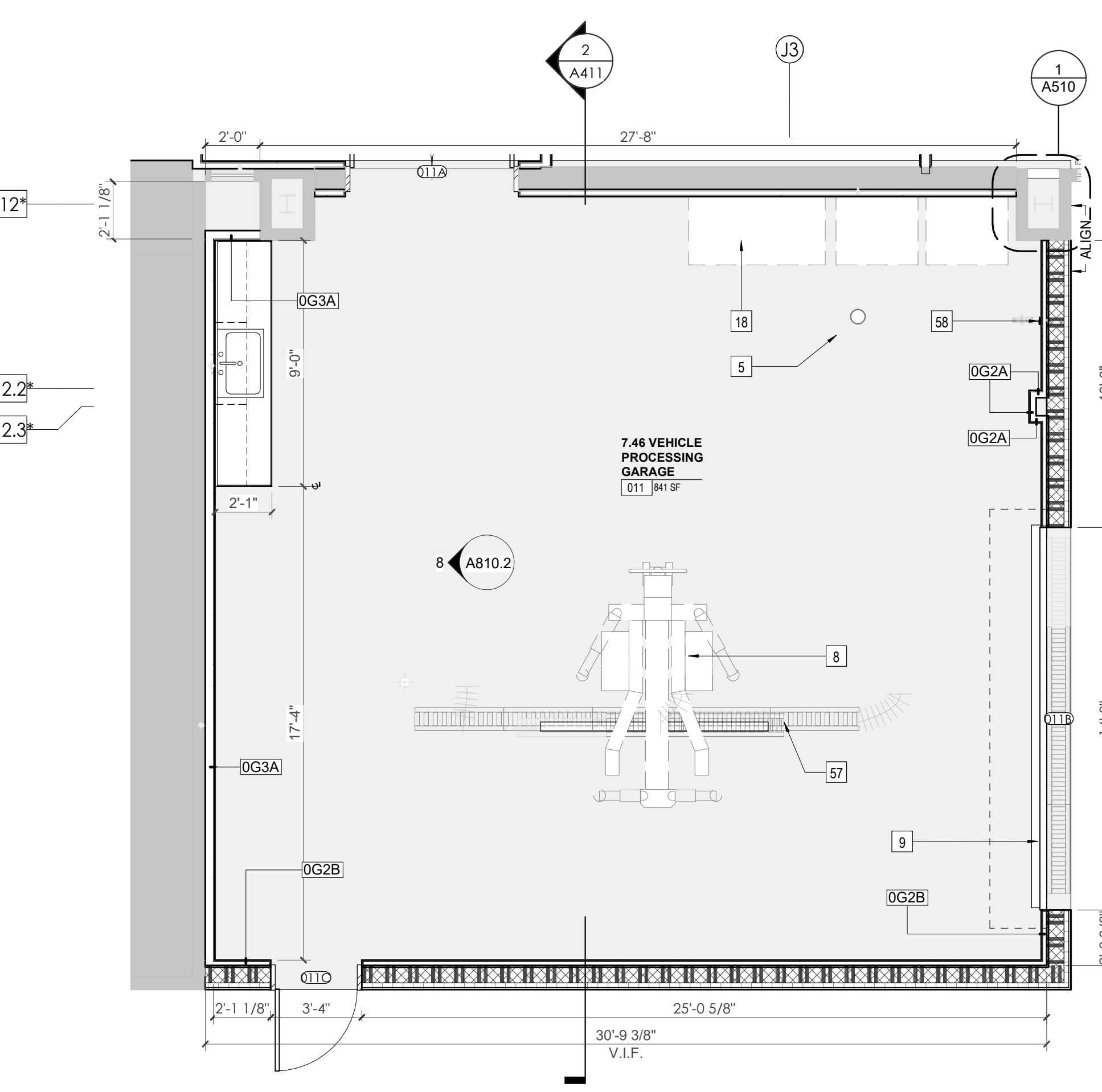
ALTERNATE 7 - CA - LL3 - VEHICLE PROCESSING GARAGE N. ELEVATION



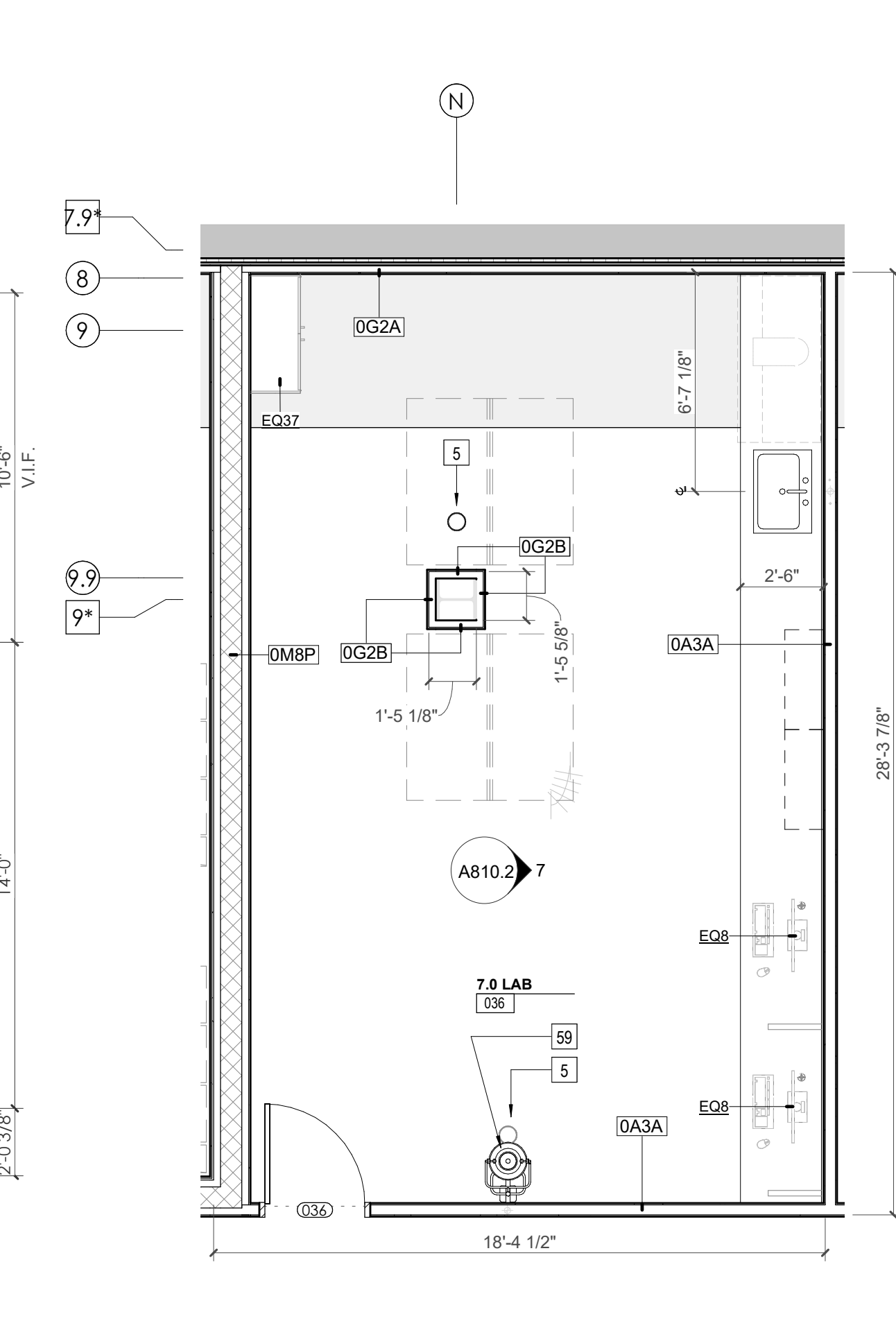
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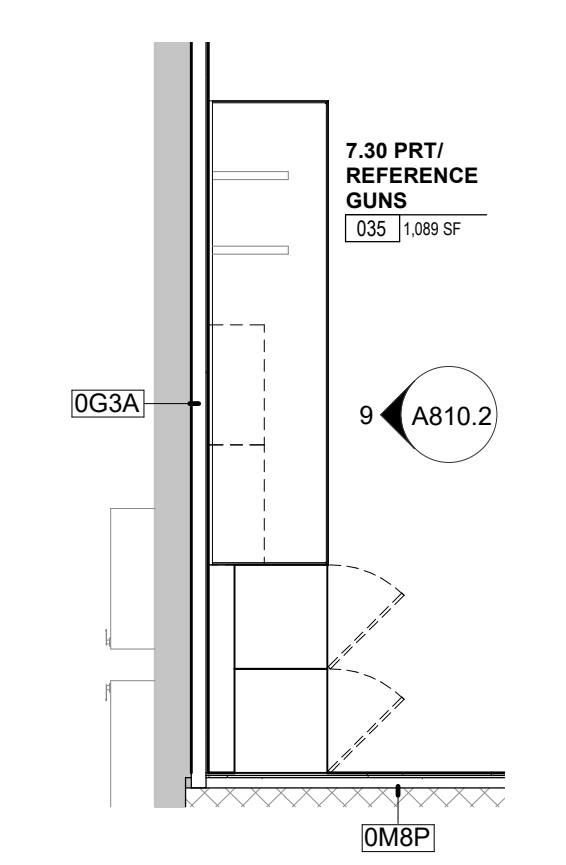
ALTERNATE 7 - ENLARGED PLAN - CA - LL3 - VEHICLE PROCESSING GARAGE 013



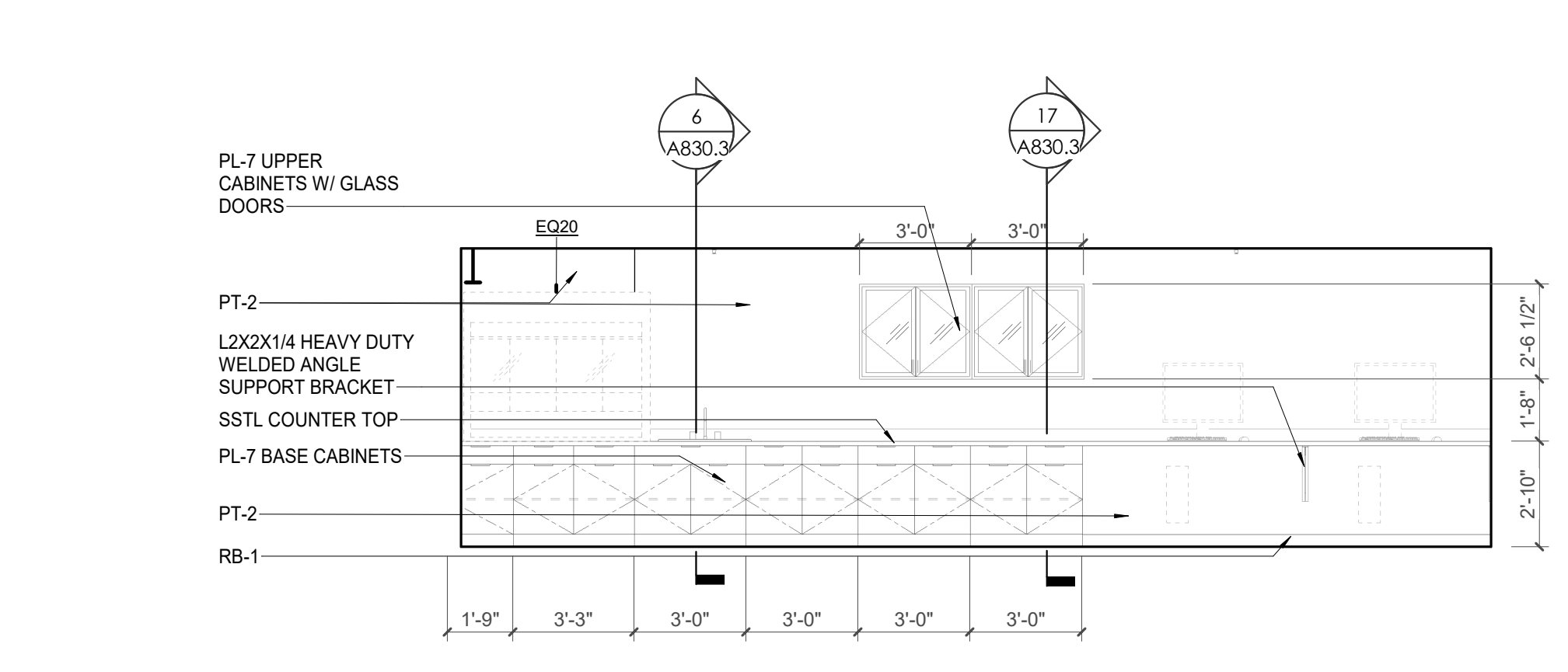
ENLARGED PLAN - CA - LL3 - VEHICLE PROCESSING GARAGE W/ LIFT 011



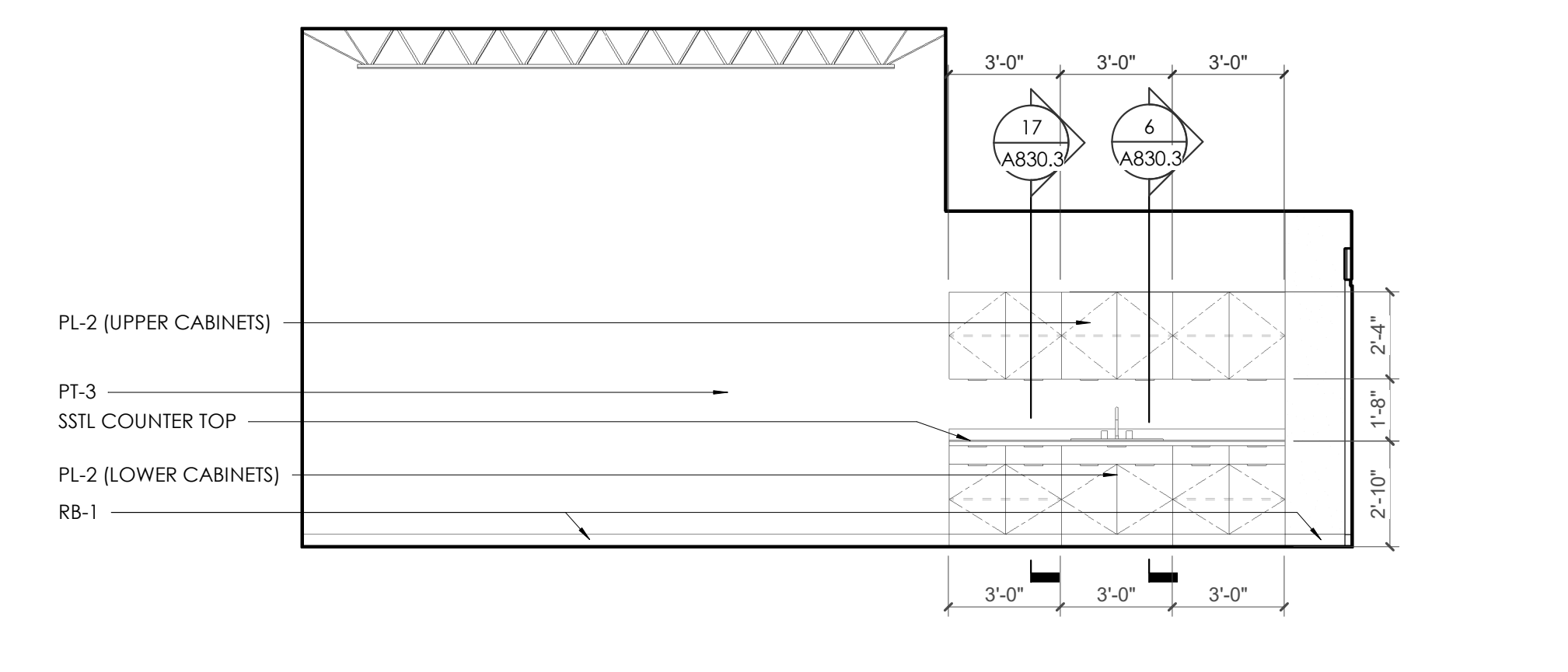
ENLARGED PLAN - CA - LL3 - LAB 036



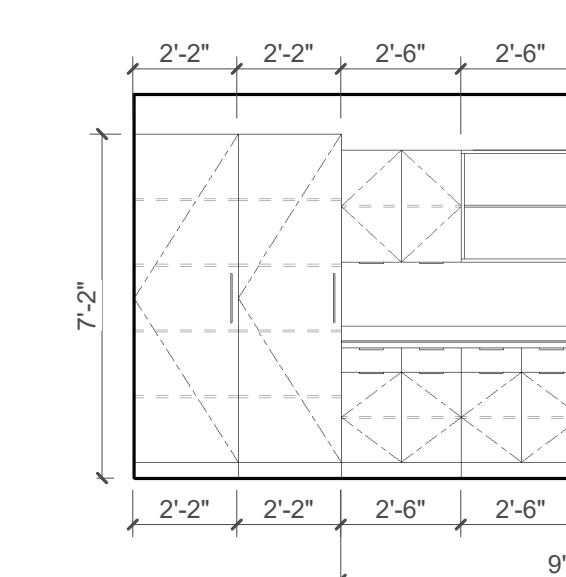
ENLARGED PLAN - CA LL3 - PRT/REFERENCE GUNS 035



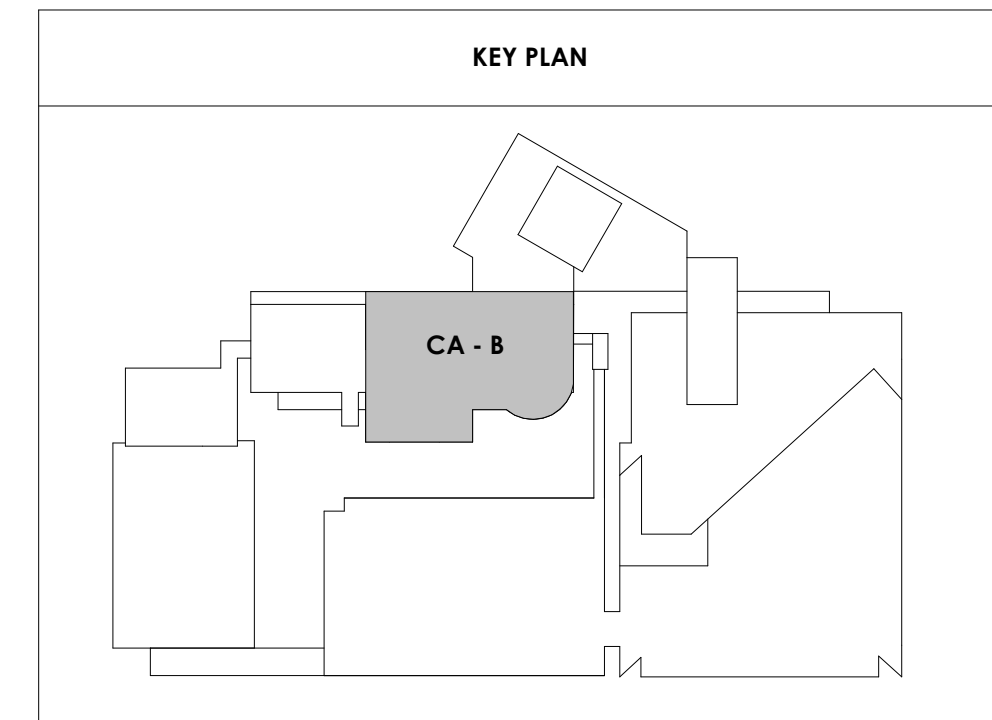
CA - LL3 - LAB 036 - ELEVATION EAST



CA - LL3 - VEHICLE PROCESSING GARAGE 011 W. ELEVATION



Elevation 26 - a





Project Information:

19018

COK PUBLIC SAFETY COMPLEX

900 East Oak Hill Ave, Knoxville, TN

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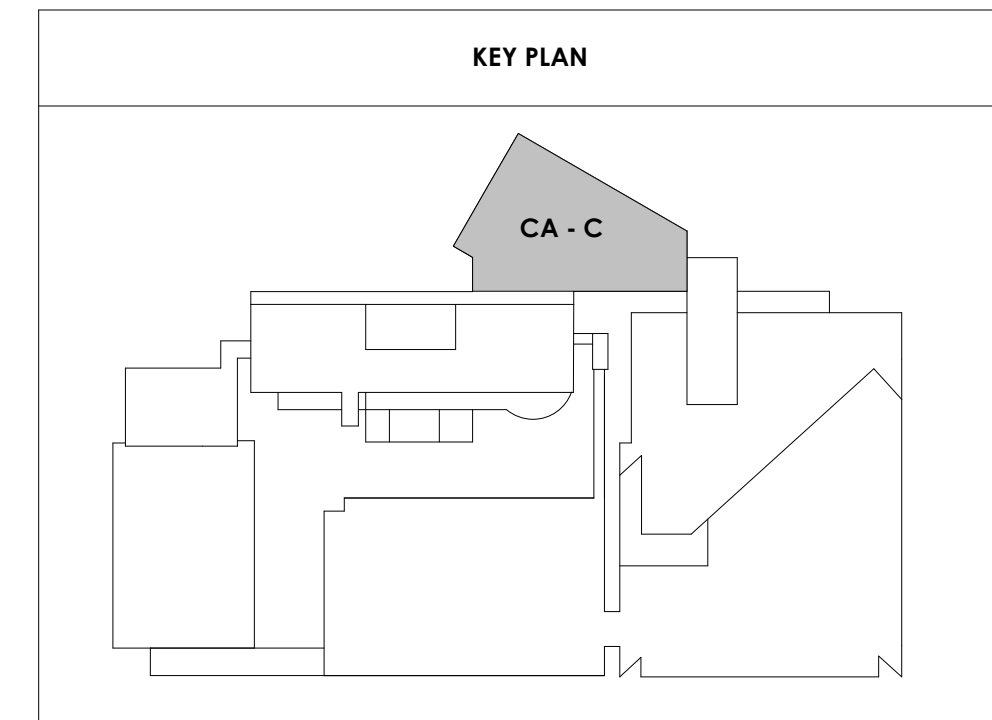
Drawing Info:

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)
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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
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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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CA - LL2 C ENLARGED COURT FLOOR PLAN
1/4" = 1'-0"

2/17/2021 5:08:35 PM



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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

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	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

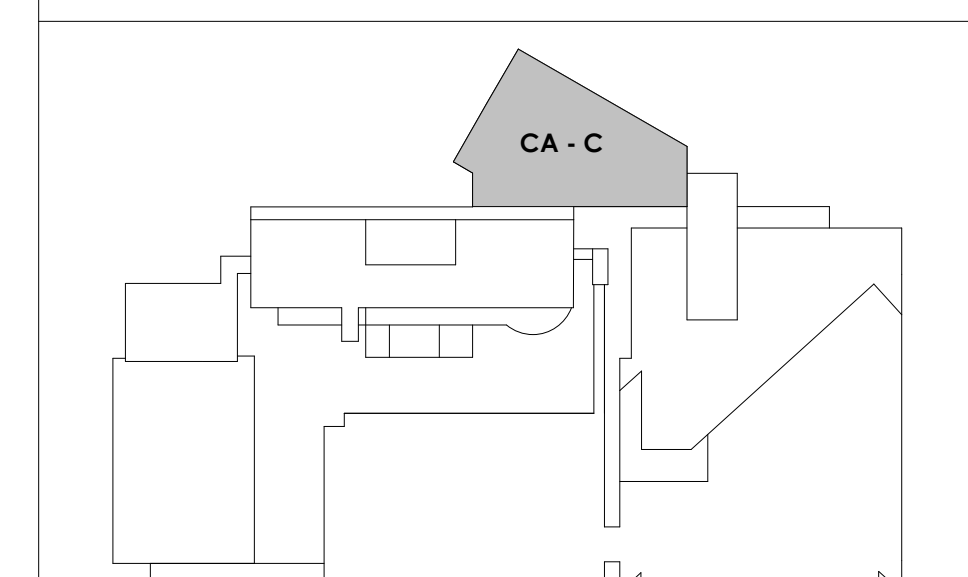
**SUSPENDED CEILINGS AND GRID TO MEET SEISMIC DESIGN REQUIREMENTS AND ASTM C635 AND ASTM G36 - REFER TO SPECIFICATIONS

	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

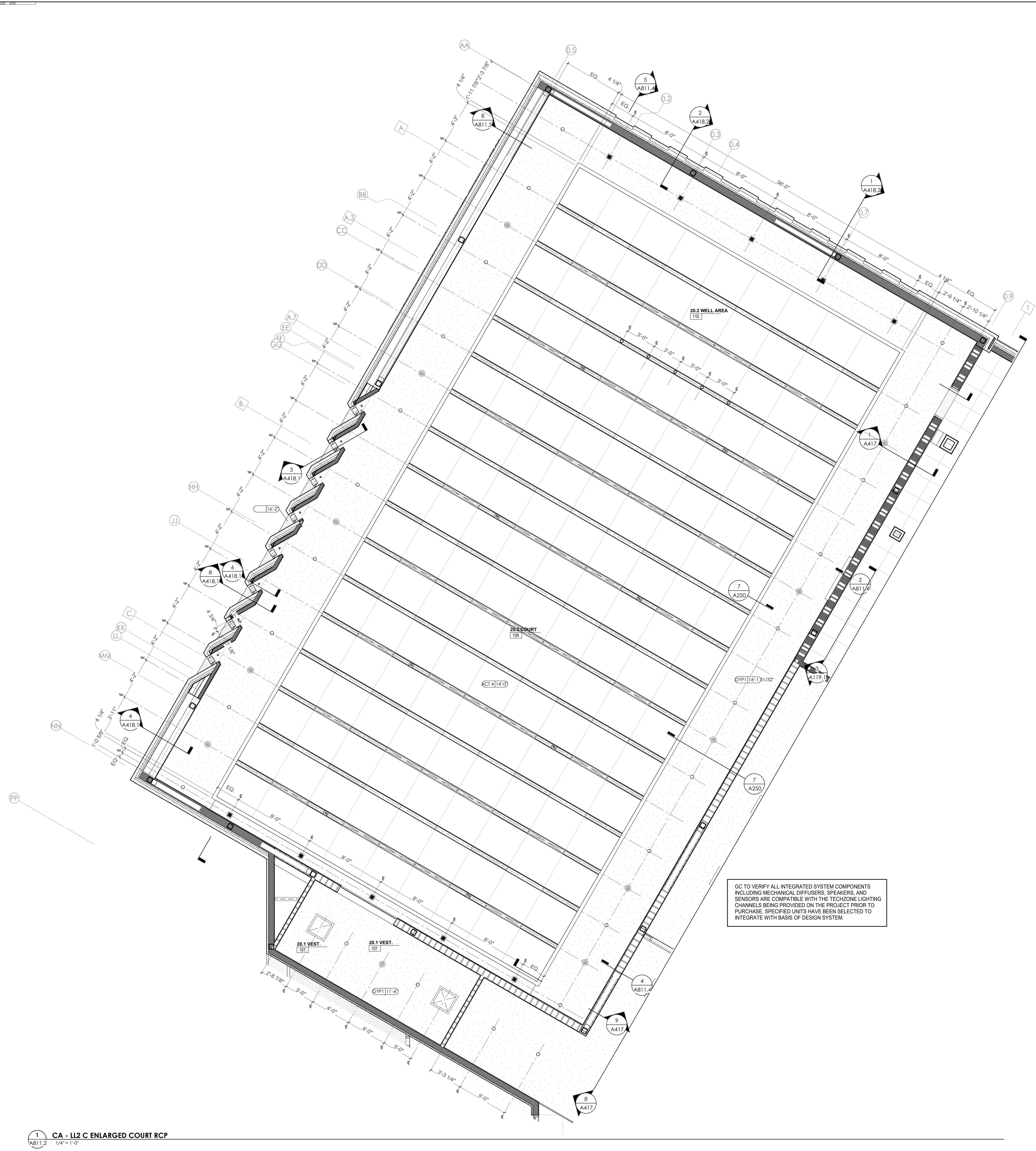
KEYNOTES - REFLECTED CEILING PLAN

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 MTL OVERHEAD CEILING POOR & FRAME, 1/2" MIN. RATED. REMOVE EXISTING EIFS SOFFIT AND PROVIDE NEW SUSPENDED EIFS SOFFIT WITH R-30 BATT INSULATION IN OVERHANG CAVITY.

KEY PLAN



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.





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

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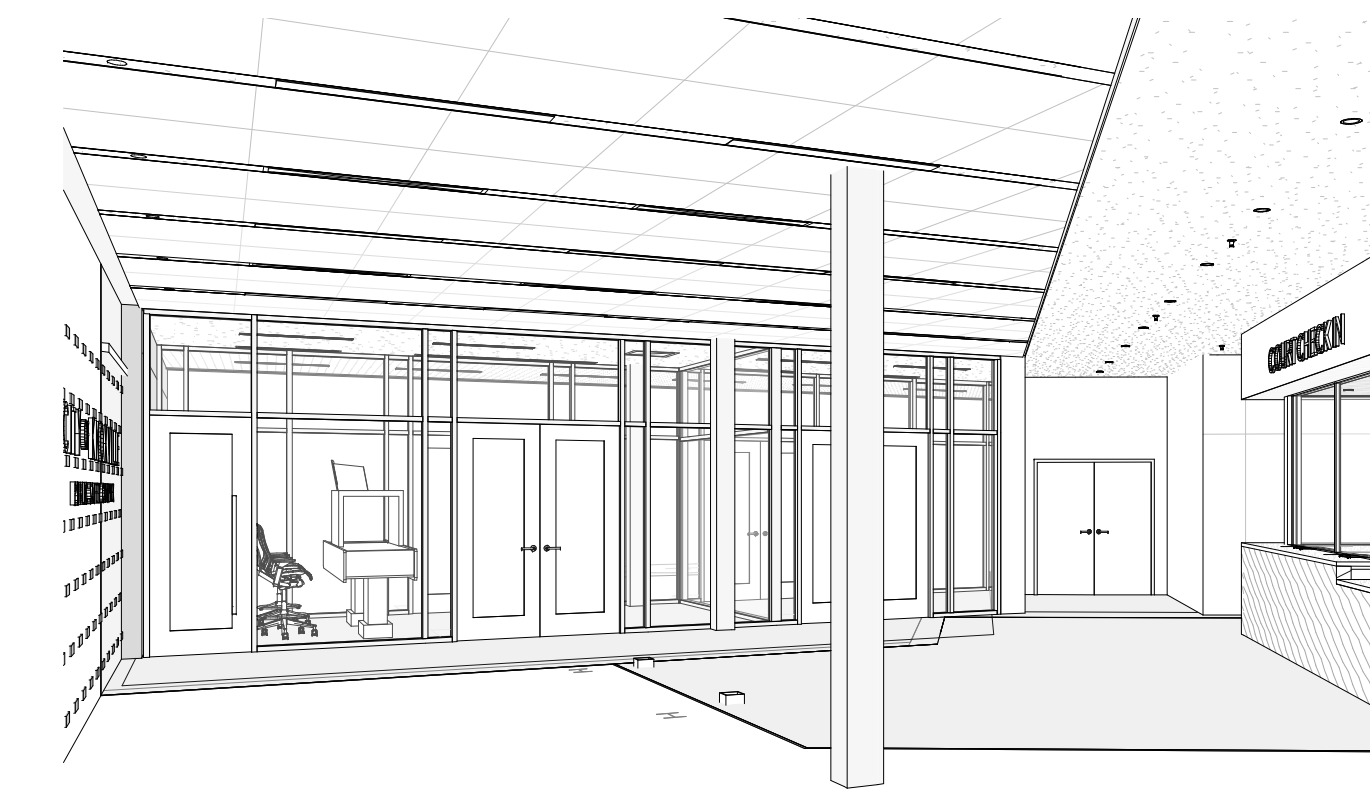
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CA - ENLARGED PLANS AND ELEVATIONS LL2 - LOBBY

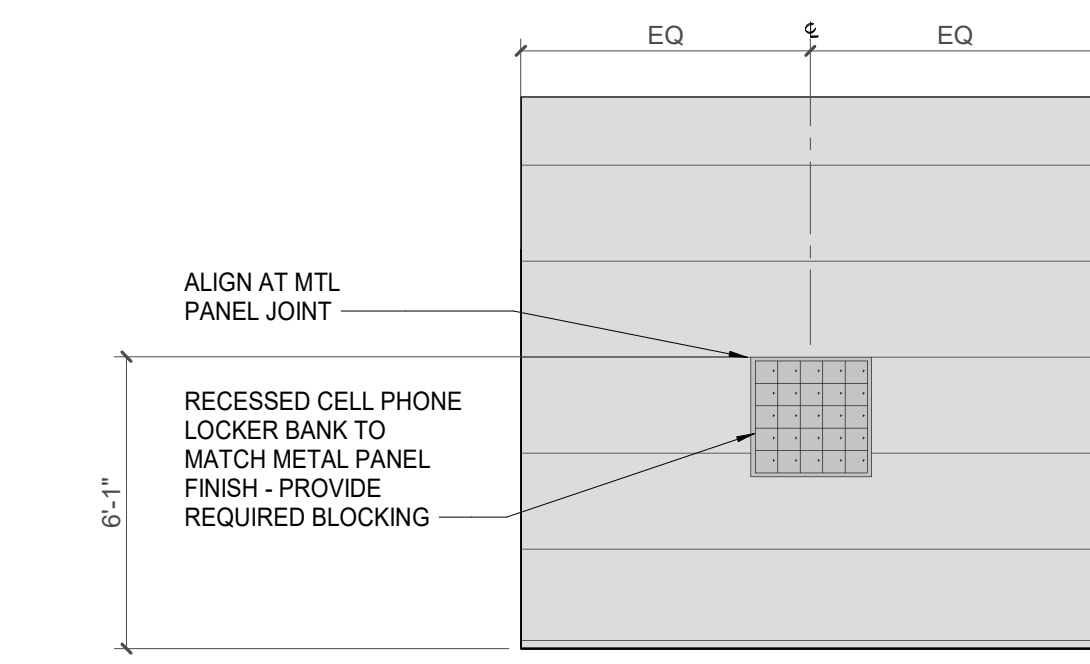
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KEYNOTES - FLOOR PLANS

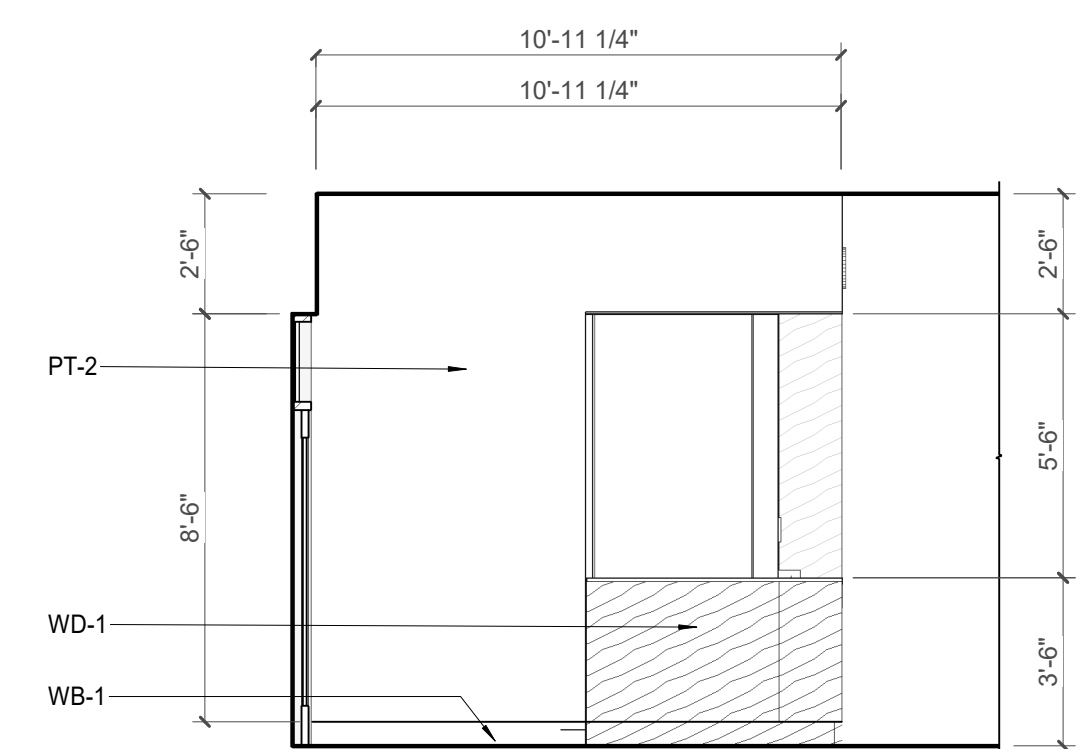
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55	NEW BADGE IN ACCESS READER, SEE SHEET AS120 AND ELECTRICAL FOR ADDITIONAL INFORMATION
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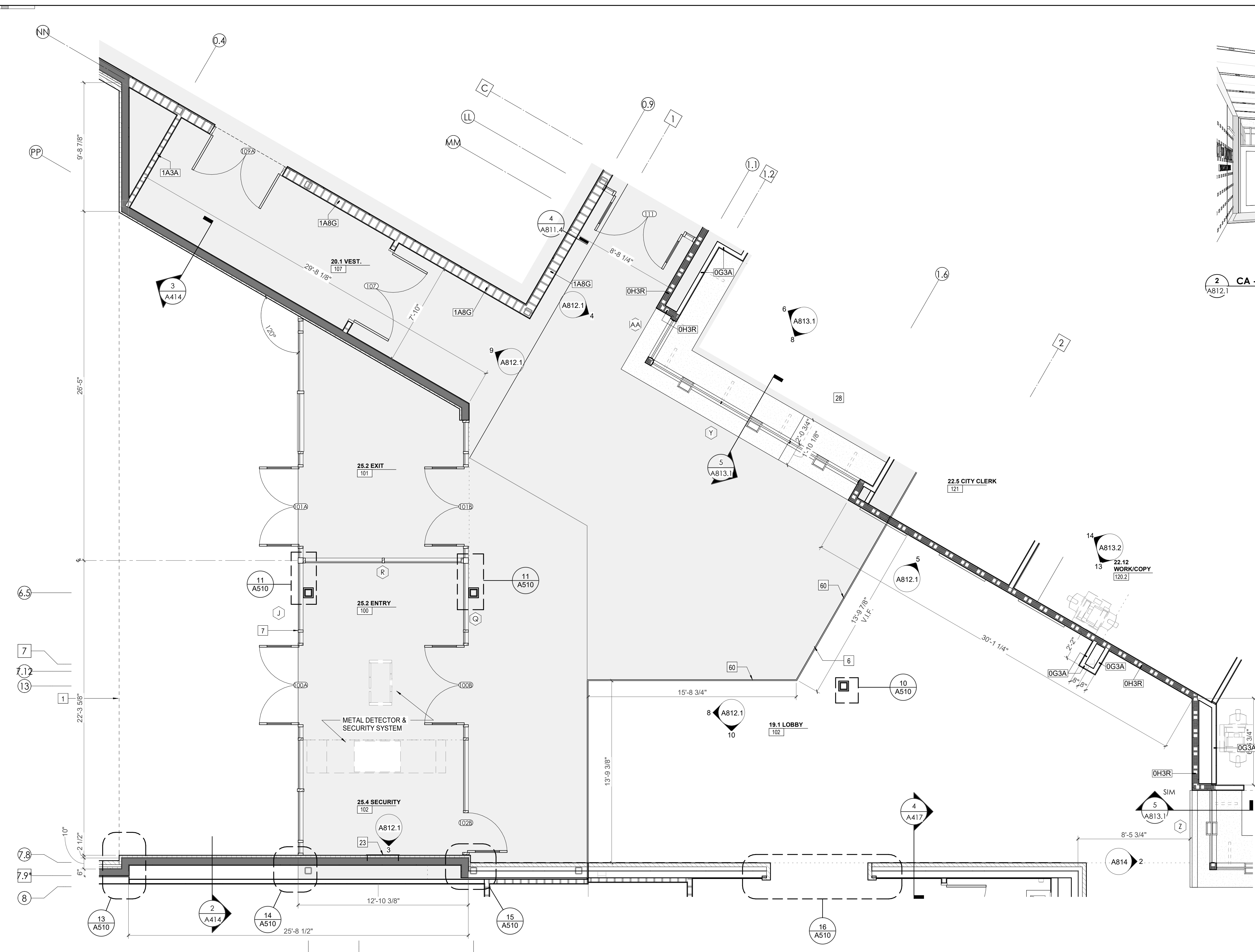
2 CA - LEVEL LL2 LOBBY VIEW 01



3 VESTIBULE METAL PANEL - CELL PHONE LOCKERS



4 CA - LL2 - COURT OFFICE E. ELEVATION





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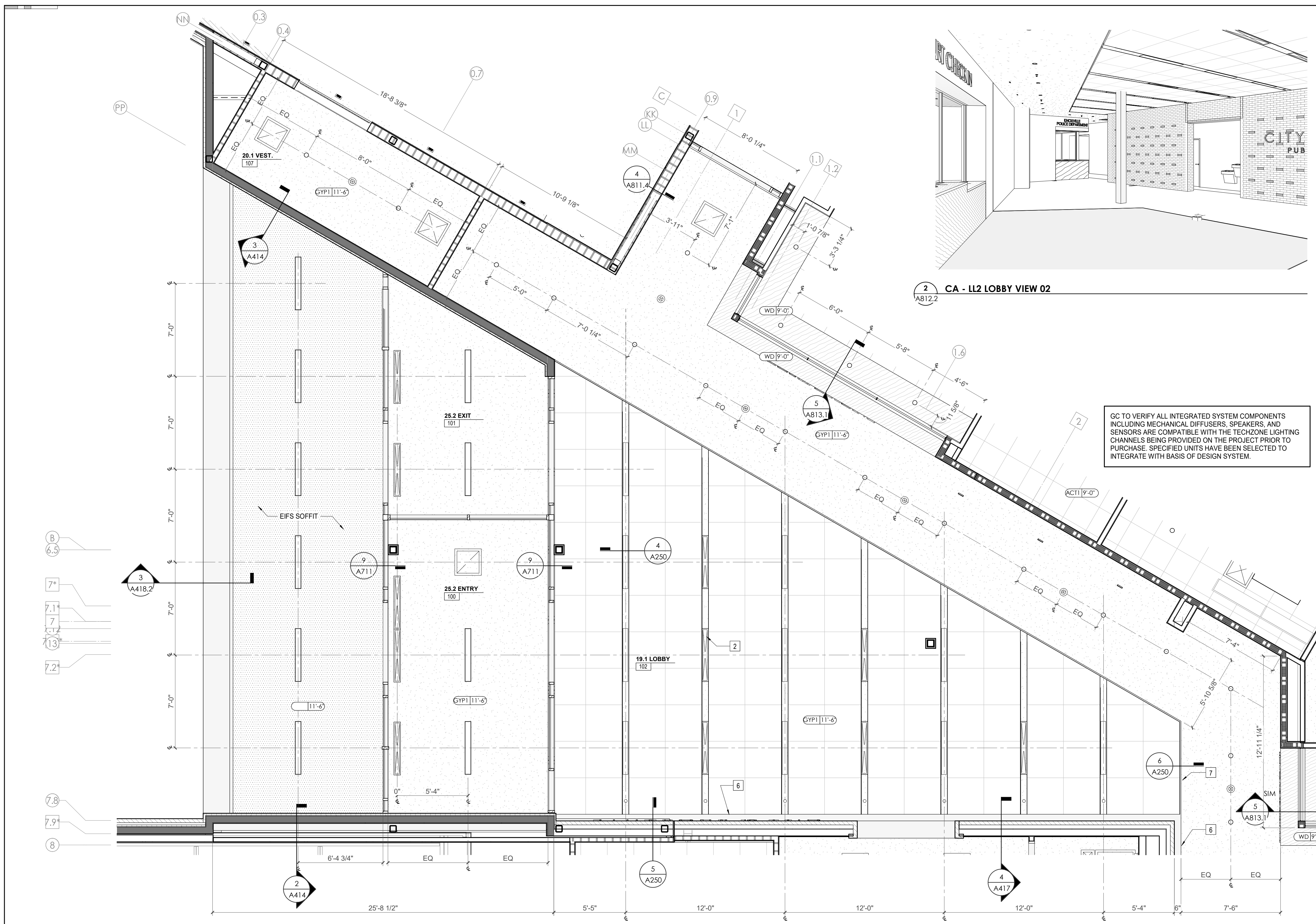
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CA - ENLARGED PLANS AND ELEVATIONS LL2 - LOBBY



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
	**SUSPENDED CEILING AND GRID TO MEET SEISMIC DESIGN REQUIREMENTS AND ASTM C635 AND ASTM C636 - REFER TO SPECIFICATIONS
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	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
	RZR 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

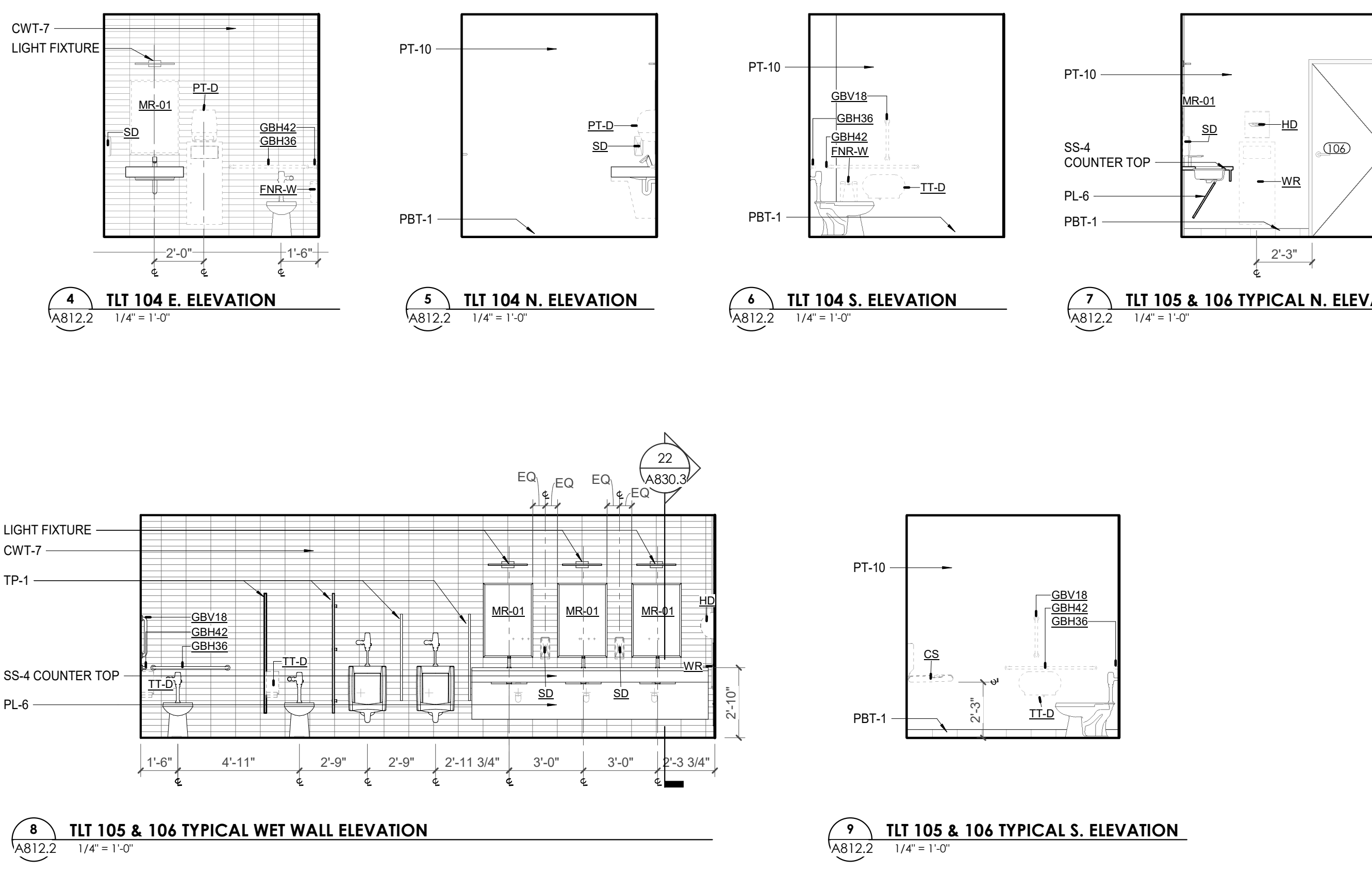
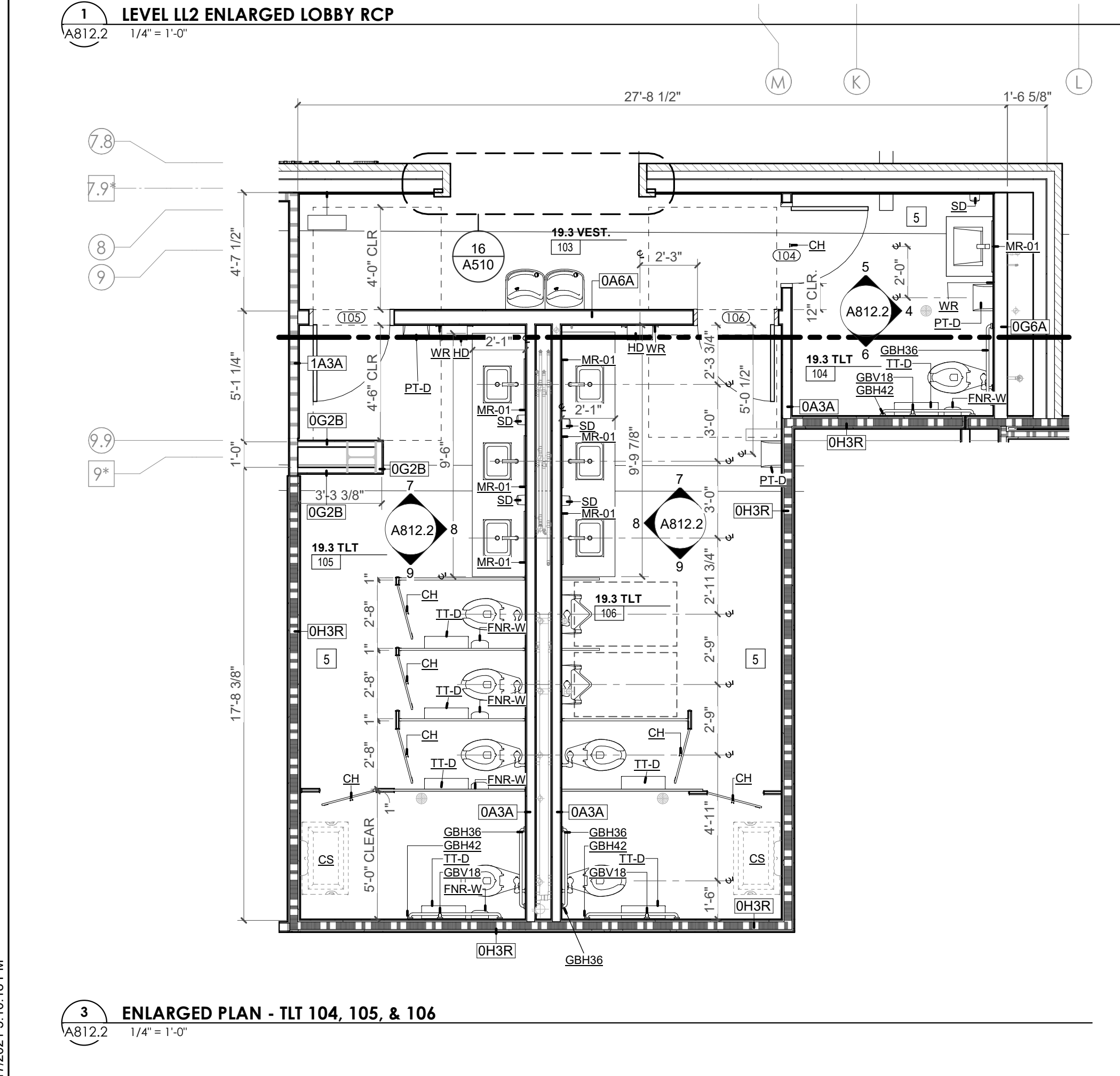
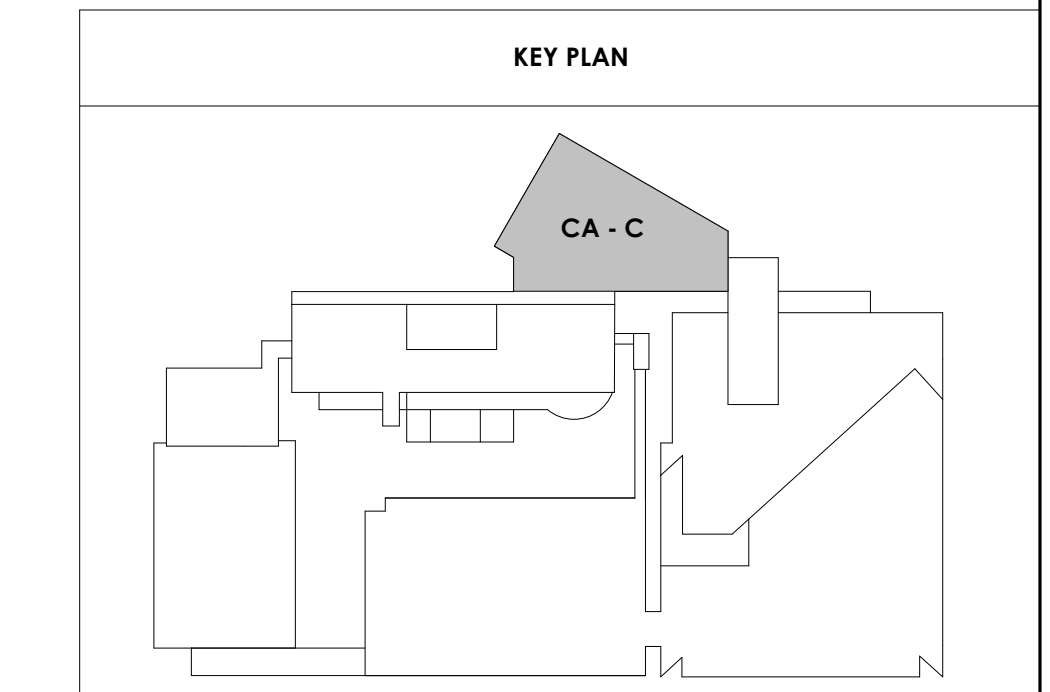
TAG	TEXT
1	SOFFIT ABOVE (DASHED)
2	EXISTING EGRESS STAIR TO REMAIN - PREP & PAINT EXISTING HANDRAILS, STAIR, & WALLS TO REMAIN
3	EXISTING EGRESS STAIR TO BE MODIFIED/REPLACED AS REQUIRED TO REACH ALL FOUR (4) FLOORS. SEE ELEVATOR PLANS & DETAILS SHEET FOR INFO.
4	EXISTING ELEVATOR - REFURBISH EQUIPMENT & 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)
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19	OWNER PROVIDED COPIER - N.I.C.
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25	MOP SINK - SEE PLUMBING
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27	12" DEEP COUNTER ON L2X2X1/4" HEAVY DUTY WELDED ANGLE SUPPORT BRACKETS
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33	NEW DROP BOX
34	UNDERCOUNTER MICROWAVE
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 AUTHUS BY C.R. LAURENCE
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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
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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 A11.2
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66	ADA PUSH BUTTON
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68	OWNER PROVIDED VENDING MACHINE, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
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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.
72	EXISTING ELEVATOR TO BE ABANDONED. WELD DOORS SHUT AND INFILL OPENING WITH METAL STUD FRAMING.

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 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, 44" MIN. RATED
17	REMOVE EXISTING EIFS SOFFIT AND PROVIDE NEW SUSPENDED EIFS SOFFIT WITH 50 BATT INSULATION IN OVERHEAD CAULT

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
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





Project Information:

19018

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Seal:



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#	ISSUE	DATE
2	ADD #2.1	02/17/21

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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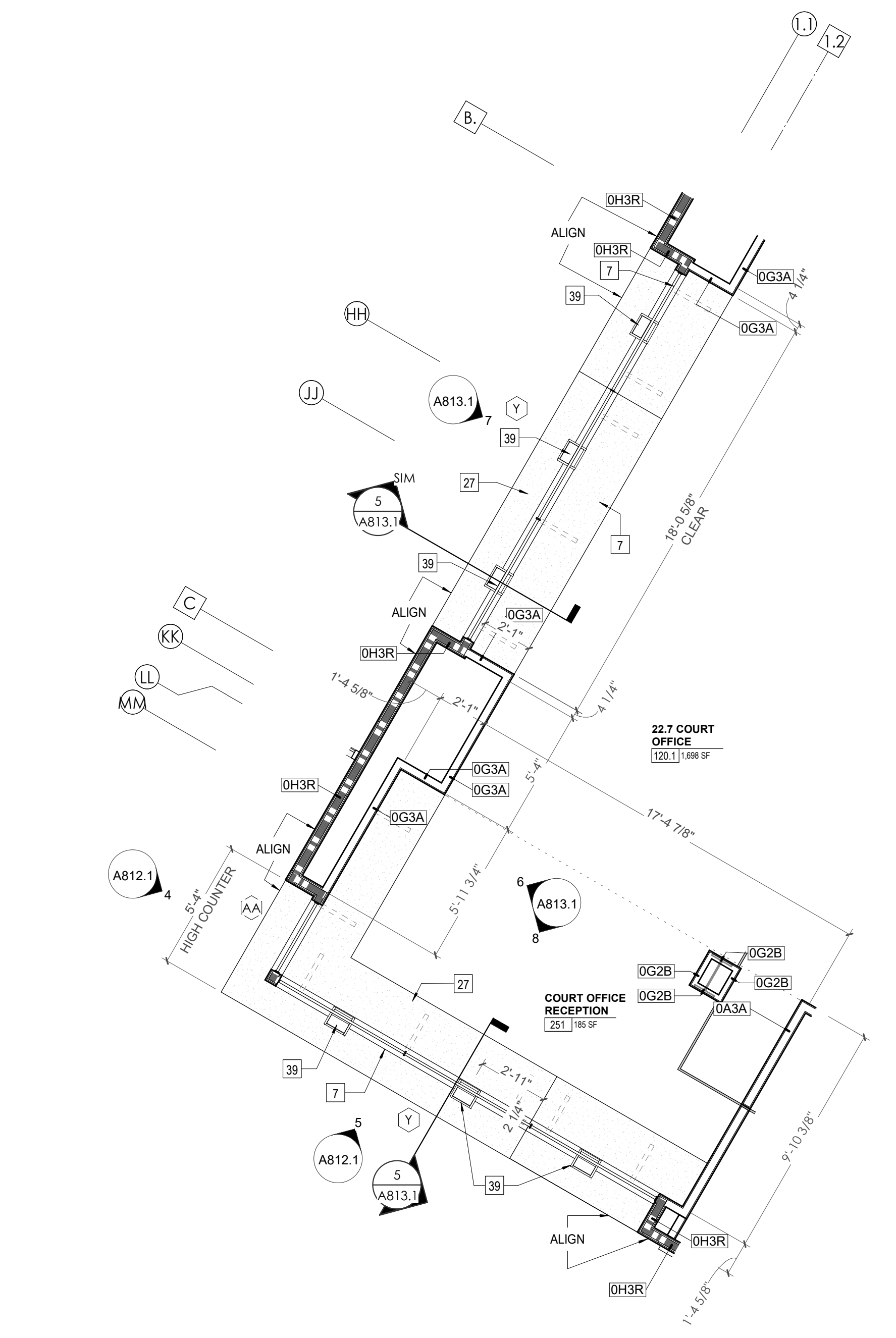
CA - ENLARGED PLANS AND ELEVATIONS LL2 - COURT OFFICES

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
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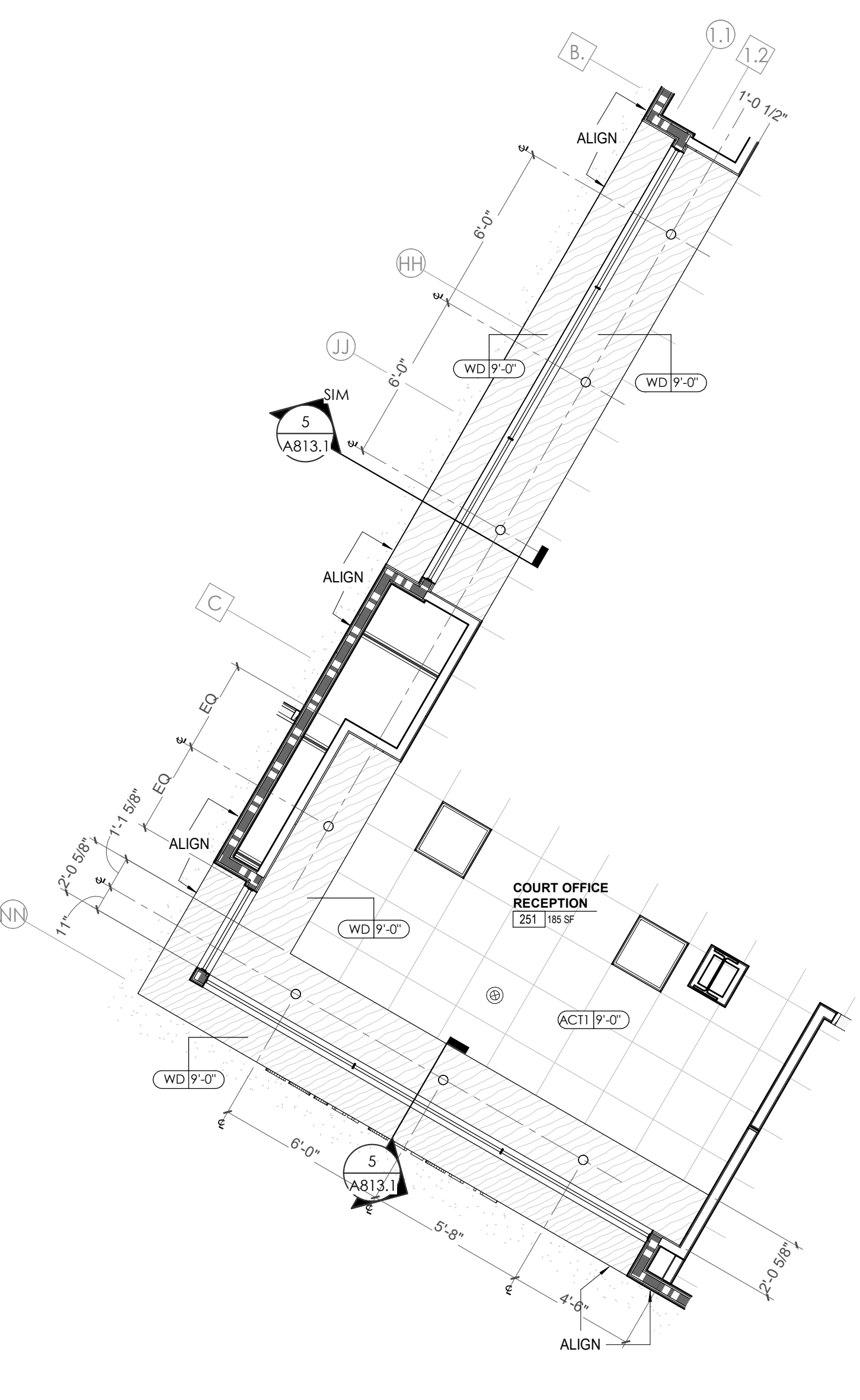
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KEYNOTES - FLOOR PLANS

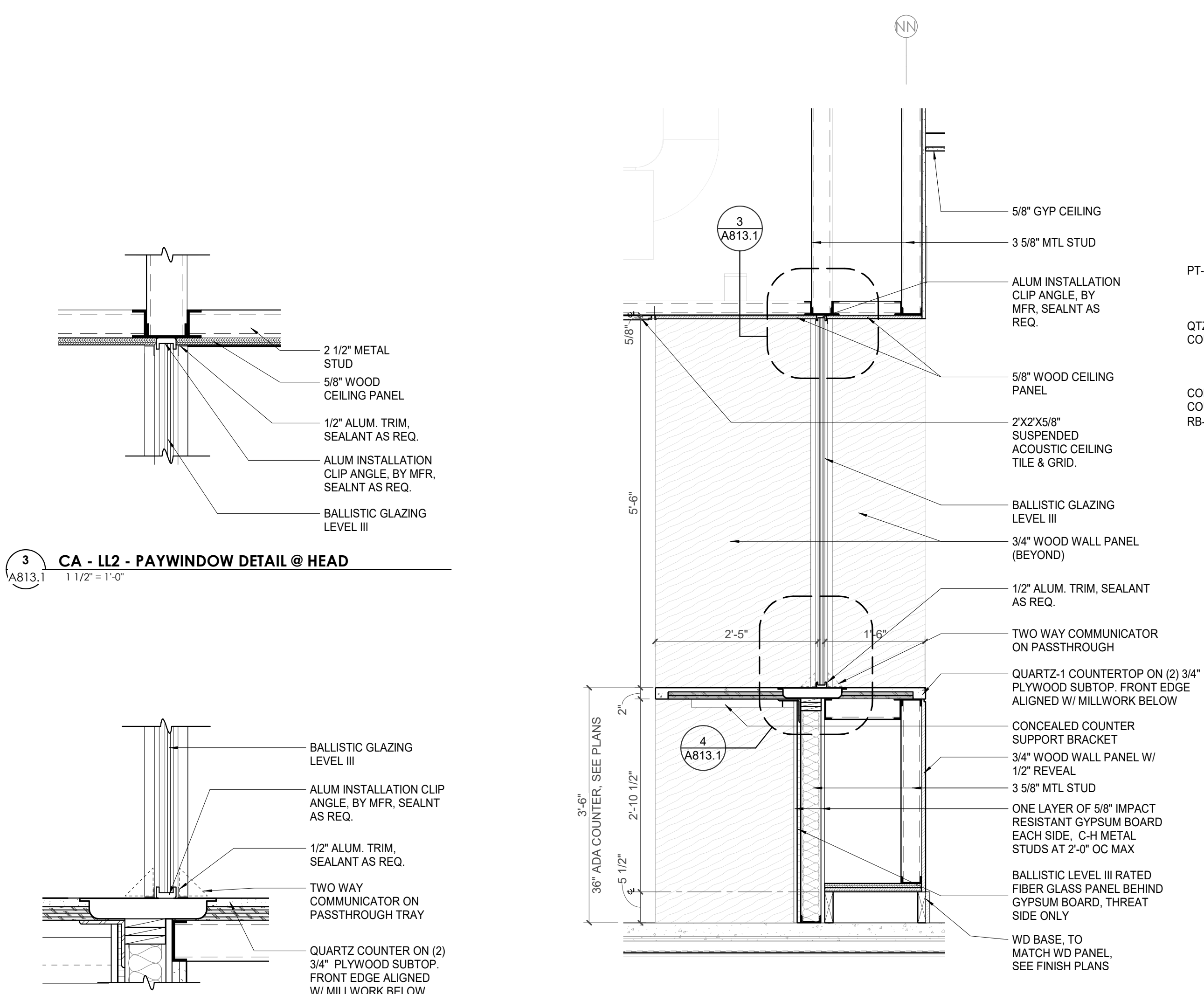
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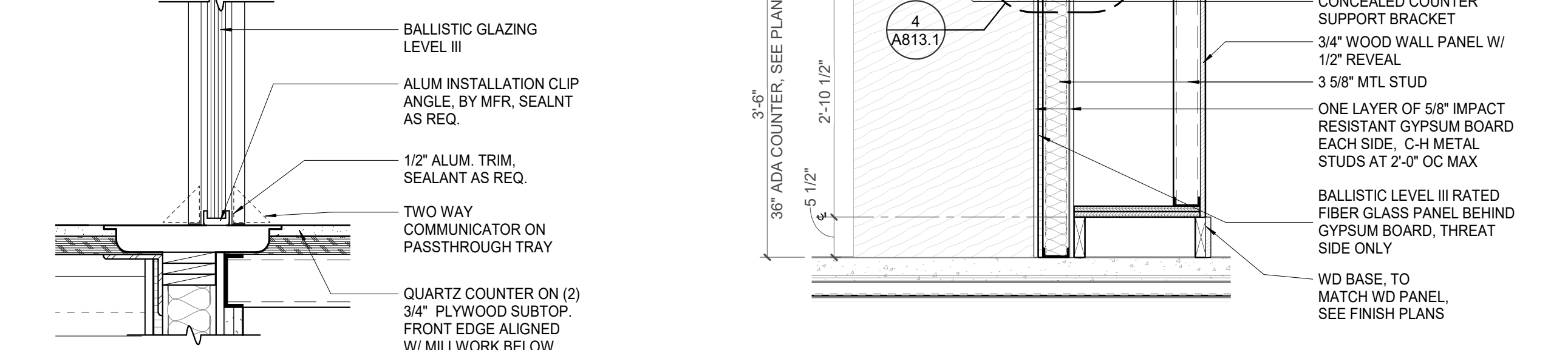
1 CA - LL2 - COURT OFFICE ENLARGED PLAN
1/4" = 1'-0"



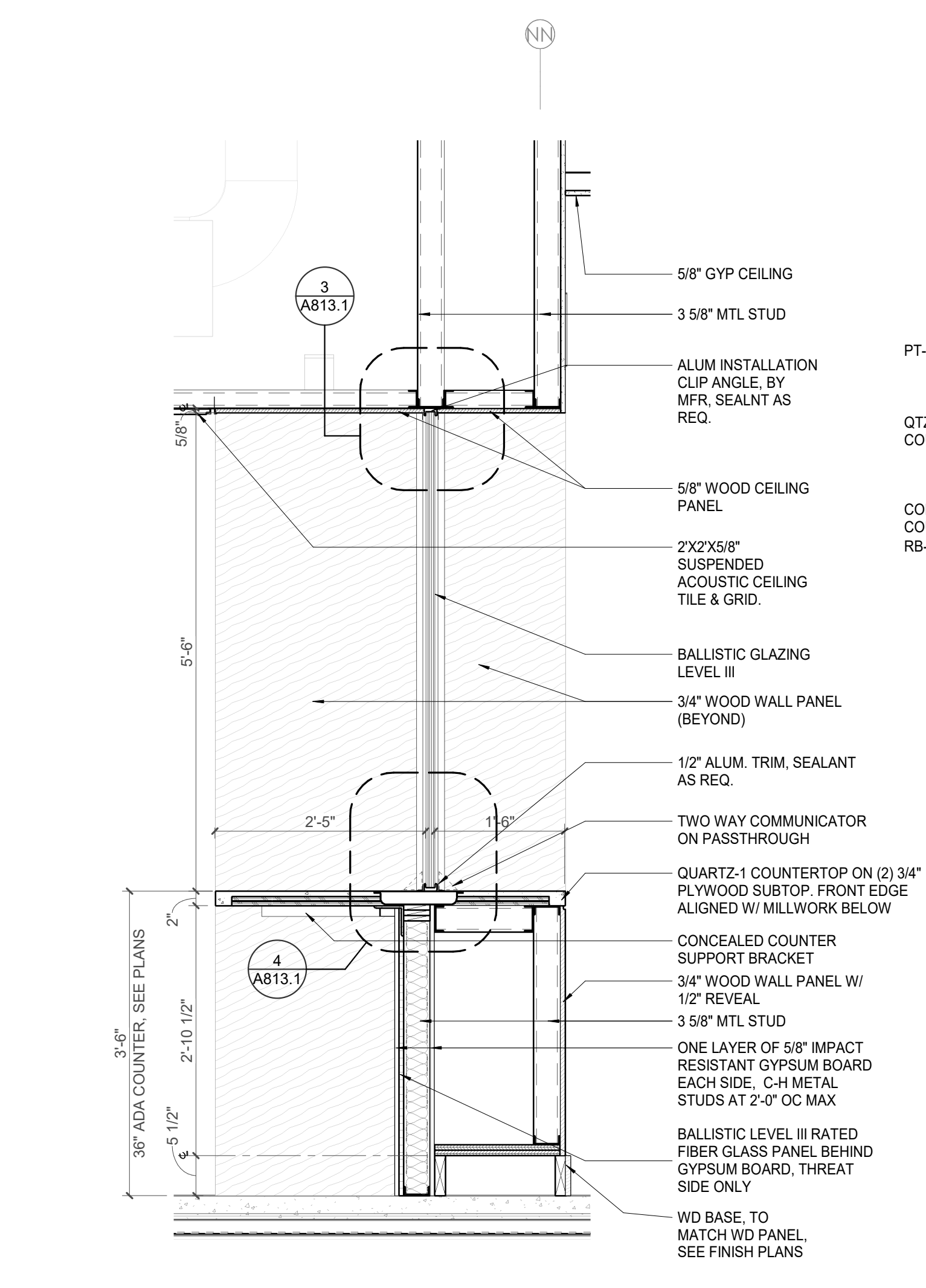
2 CA - LL2 - COURT OFFICE ENLARGED RCP
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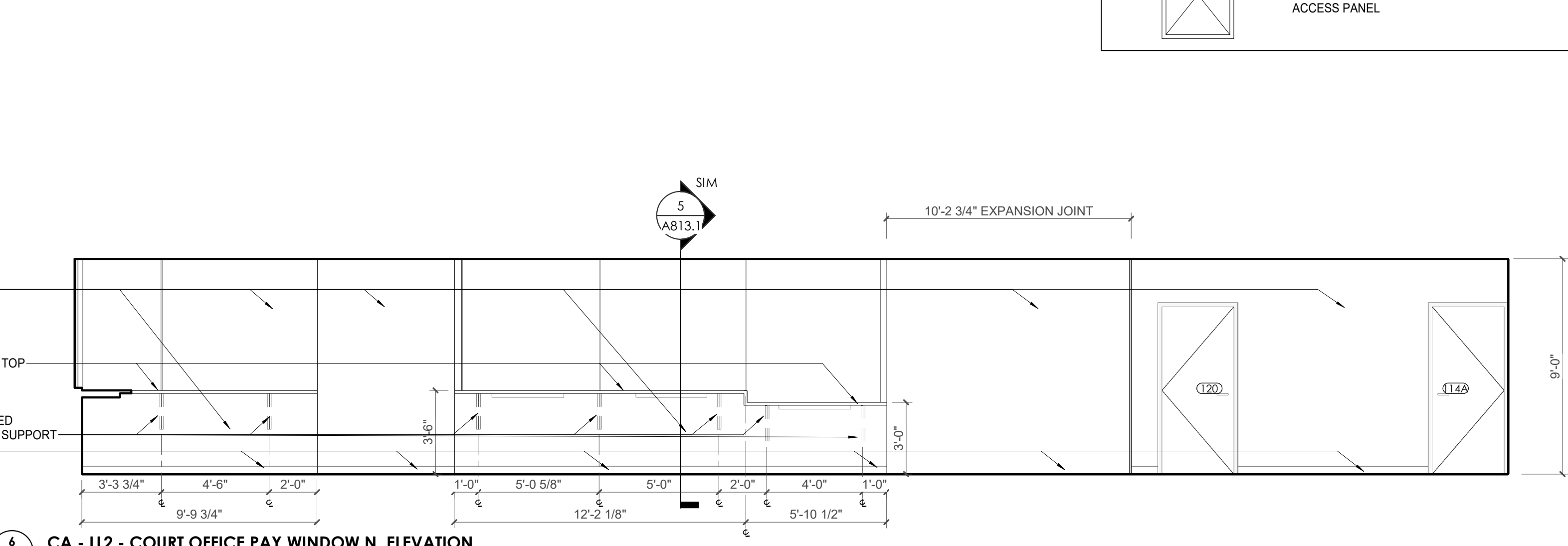
3 CA - LL2 - PAYWINDOW DETAIL @ HEAD
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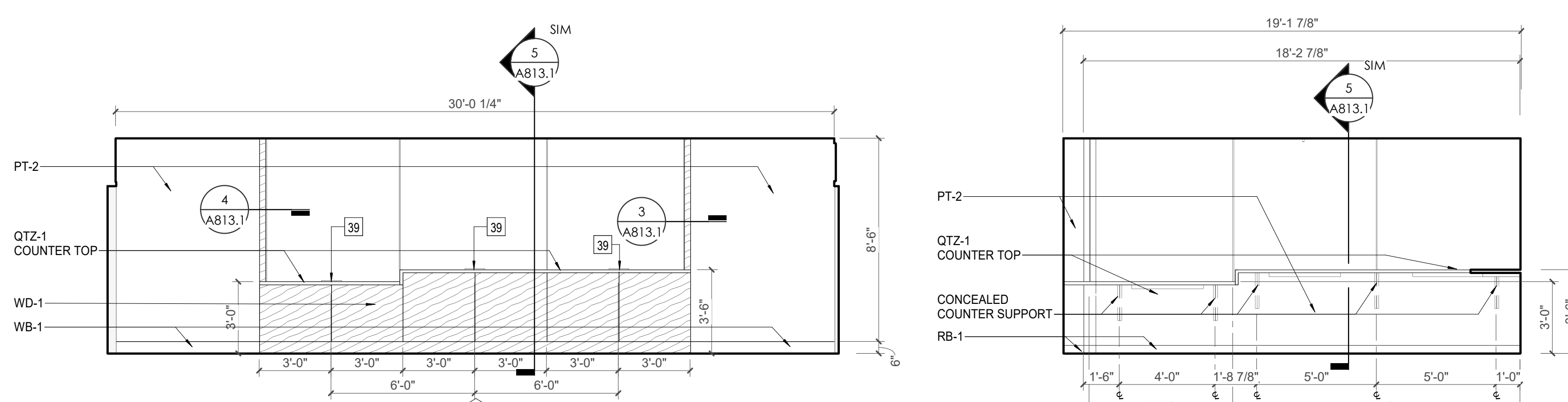
4 CA - LL2 - PAYWINDOW DETAIL @ SILL
1 1/2" = 1'-0"



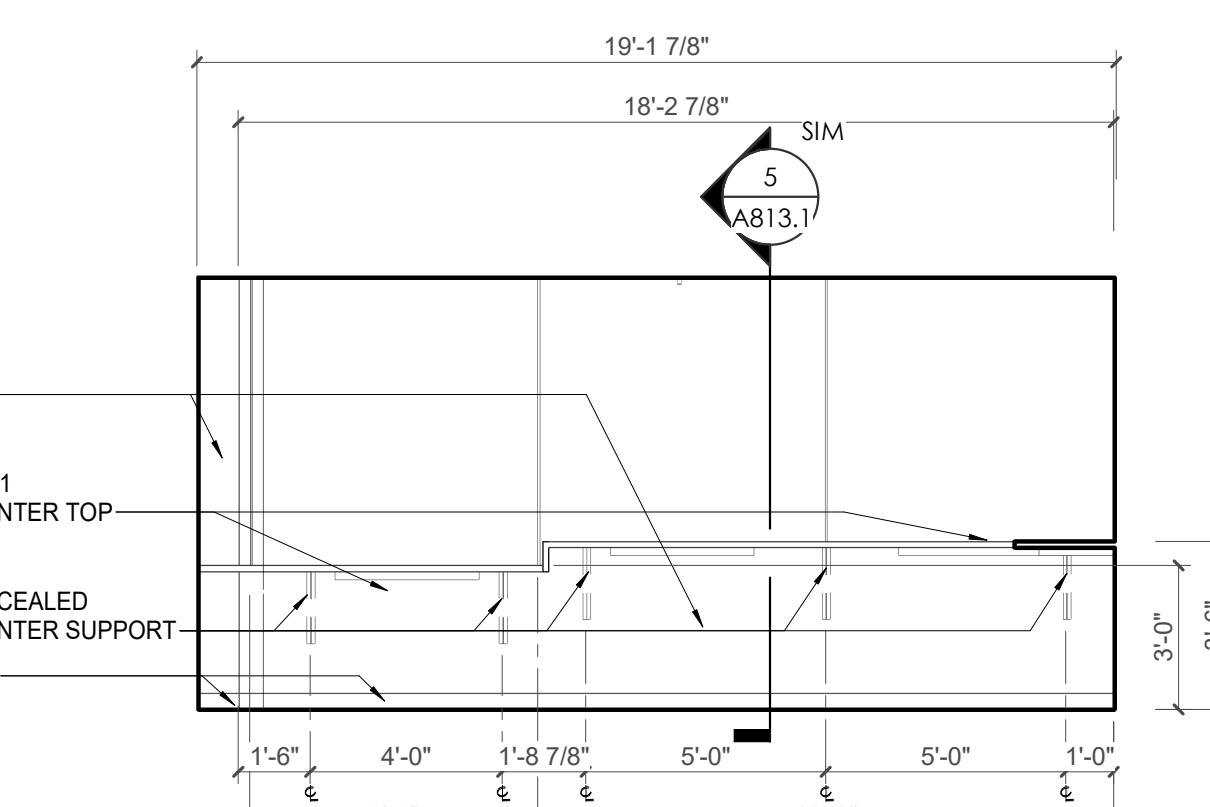
5 CA - LL2 - WALL SECTION @ COURT OFFICE AND TELECOM WINDOW
3/4" = 1'-0"



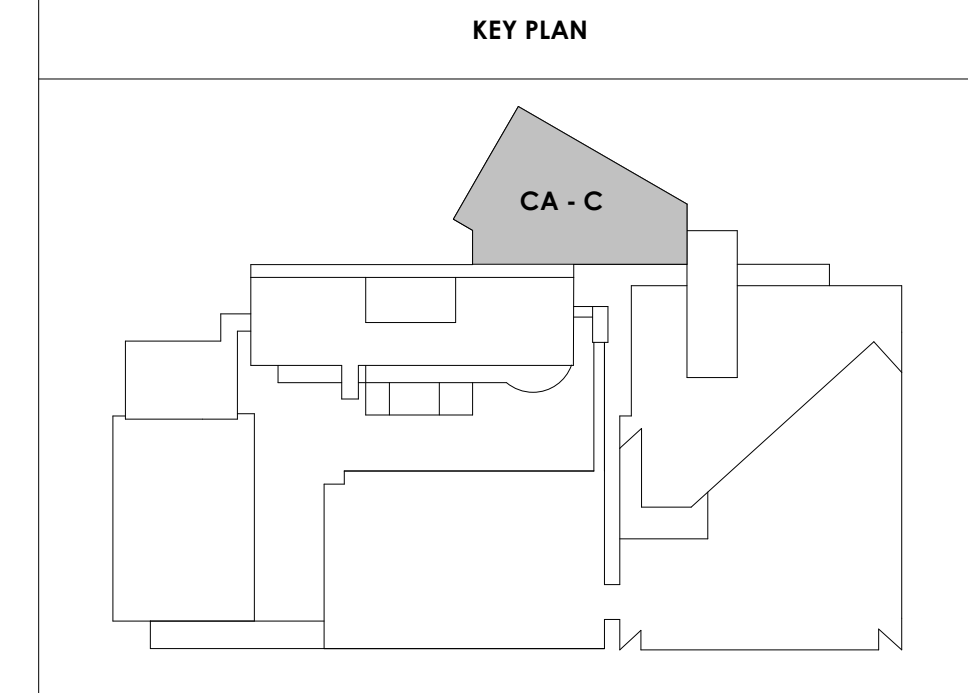
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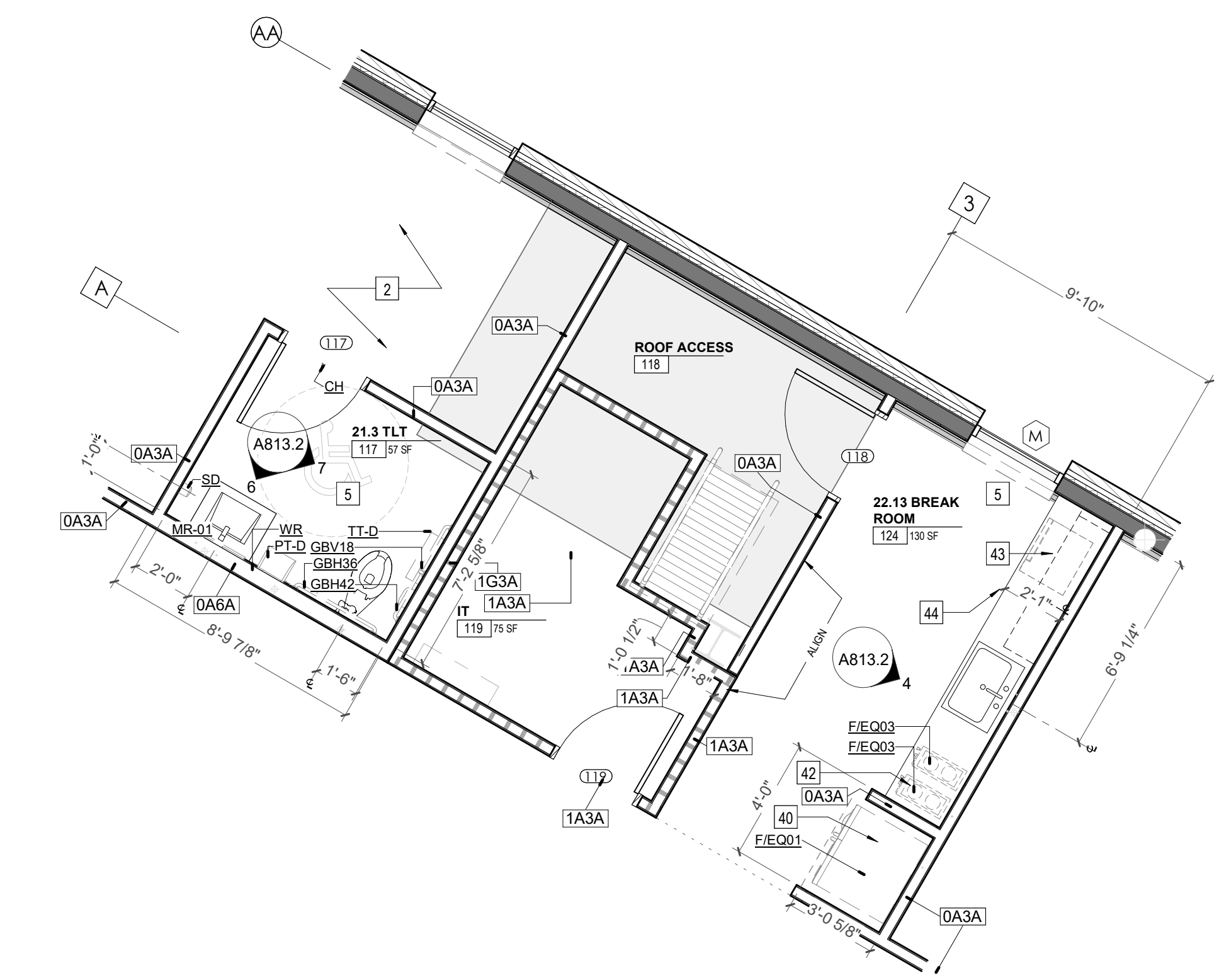
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22	KNOX BOX (RECESSED)
23	RECESSED CELL PHONE LOCKERS TO MATCH METAL WALL PANEL
24	METAL DETECTOR ENTRY SECURITY
25	MCP SWK - SEE PLUMBING
26	18" DEEP BOOKSHELVES
27	12" DEEP COUNTER ON L2X2X1/4" HEAVY DUTY WELDED ANGLE SUPPORT BRACKETS
28	24" DEEP 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 RACKS
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 AUITUS 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
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 BARGE 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.
72	EXISTING ELEVATOR - TO BE ABANDONED. WELD DOORS SHUT AND INFILL OPENING WITH METAL STUD FRAMING

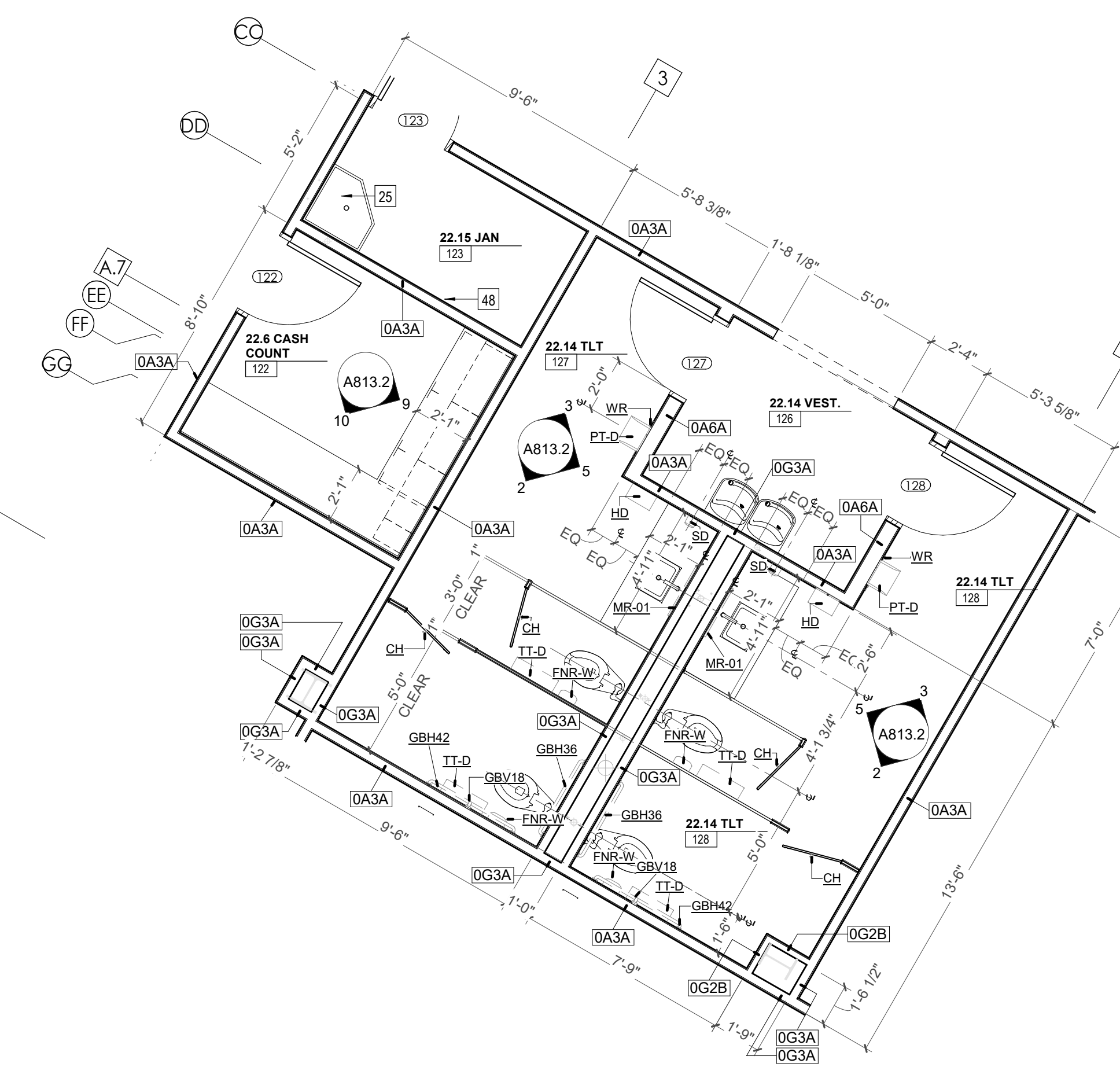
34 HIGH LOW WATER COOLER

TOILET ACCESSORIES LEGEND

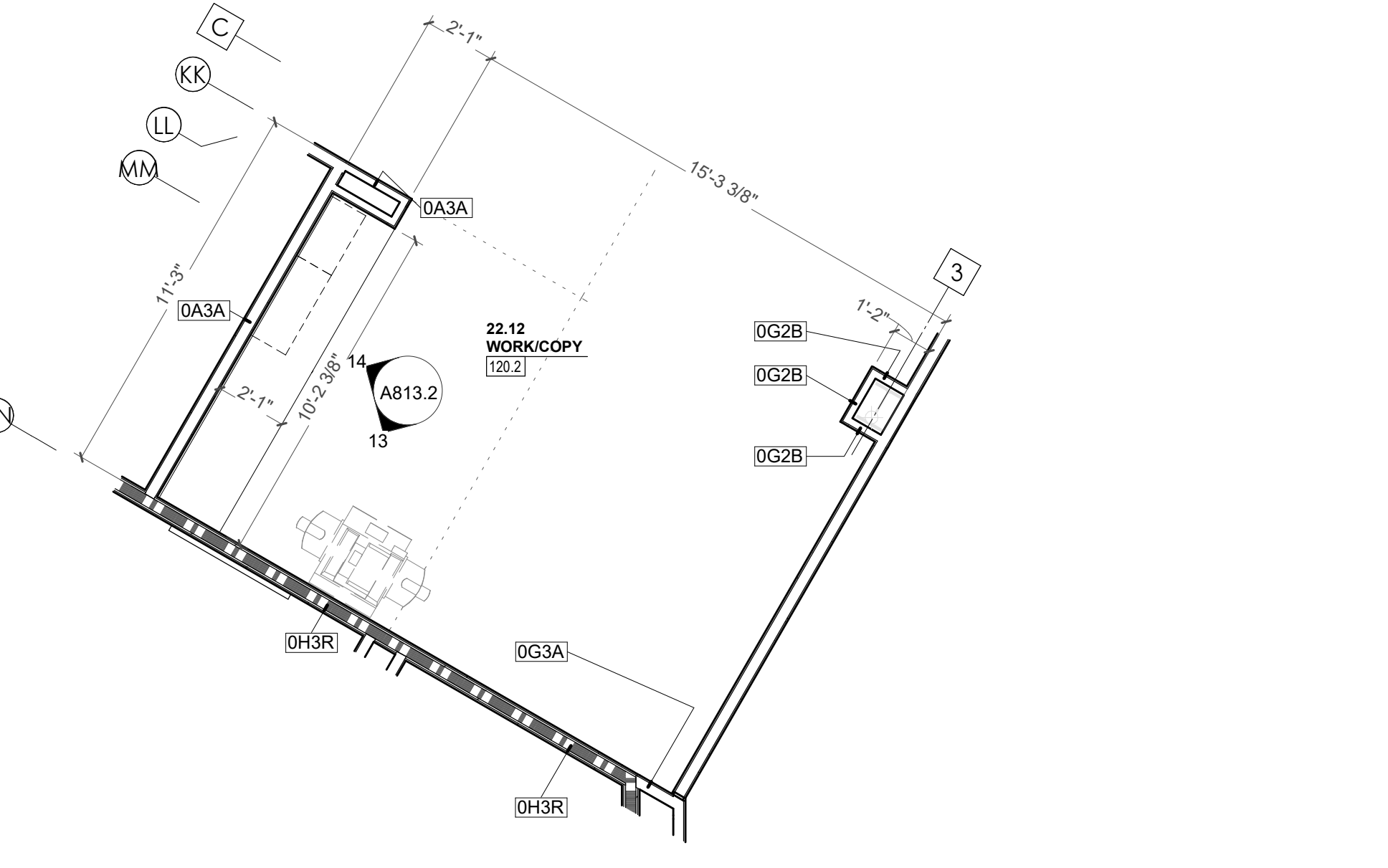
MARK	DESCRIPTION
GBH42	42" HORIZONTAL GRAB BAR, ADA, COLOR: STAINLESS STEEL
GBH36	36" HORIZONTAL GRAB BAR, ADA, COLOR: STAINLESS STEEL
GBV18	18" VERTICAL GRAB BAR, ADA, COLOR: STAINLESS STEEL
MR-01	24" X 36" MIRROR, BLACK FRAME
MR-02	LOCKER ROOM FRAMELESS MIRROR
MR-03	20" X 59" MIRROR, DOOR MOUNTED, 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



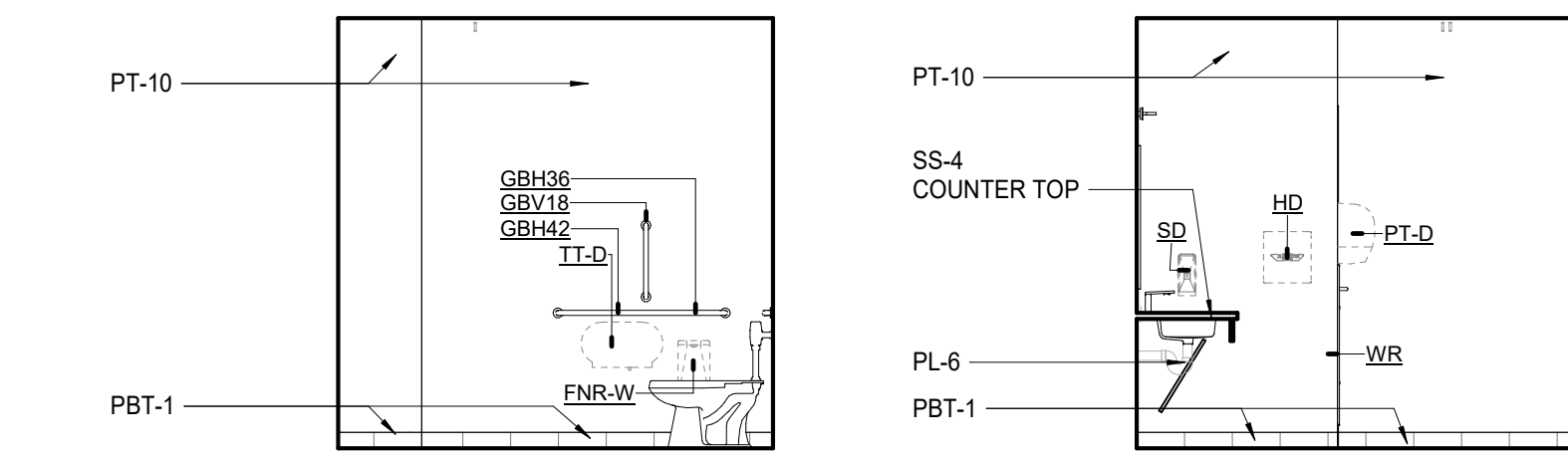
1 ENLARGED PLAN - CA LL2 - TLT 117 & BREAK ROOM 124
A813.2 1/4" = 1'-0"



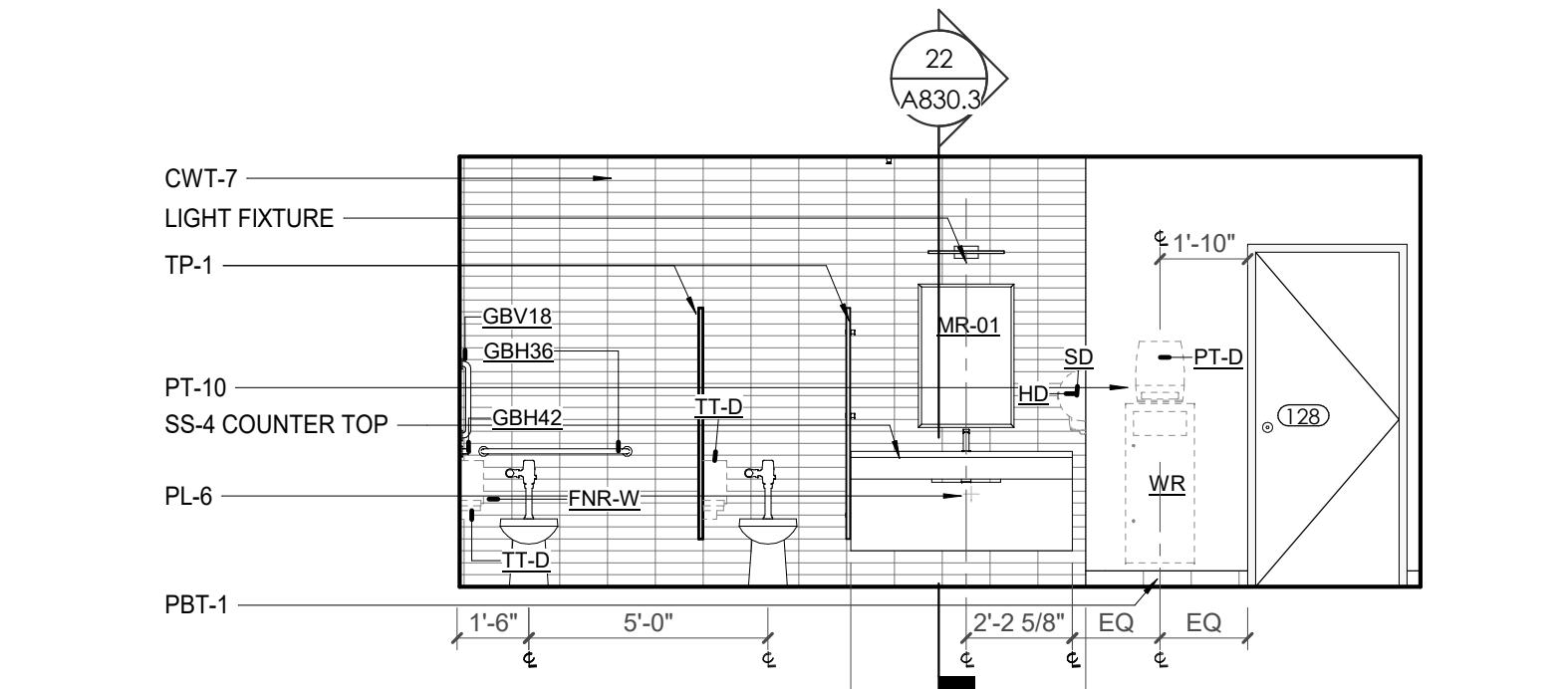
8 ENLARGED PLAN - CA LL2 - CASH COUNT 122 & TLT 127 & 128
A813.2 1/4" = 1'-0"



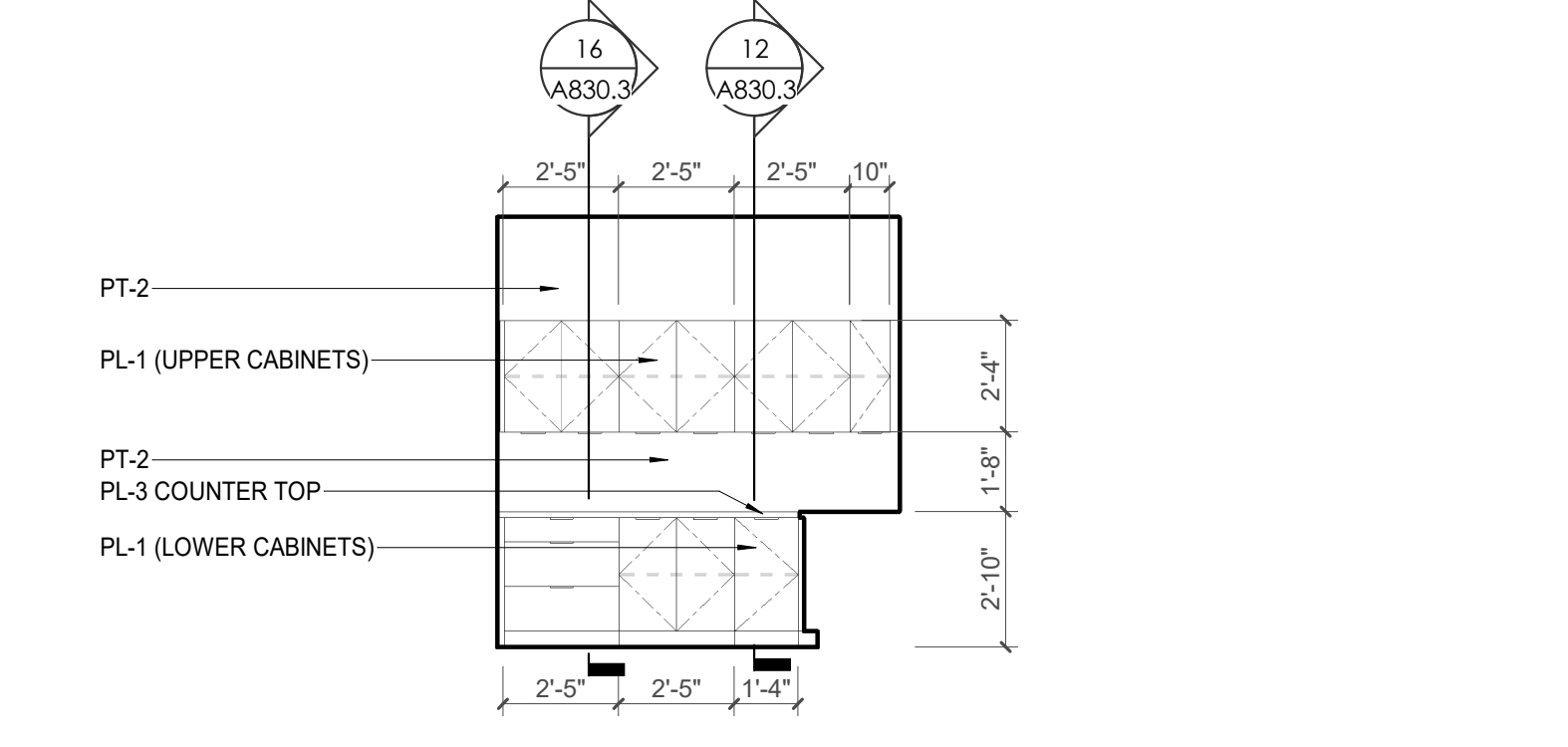
11 ENLARGED PLAN - CA LL2 - WORK/COPY 120.2 & ARCHIVE 120.3
A813.2 1/4" = 1'-0"



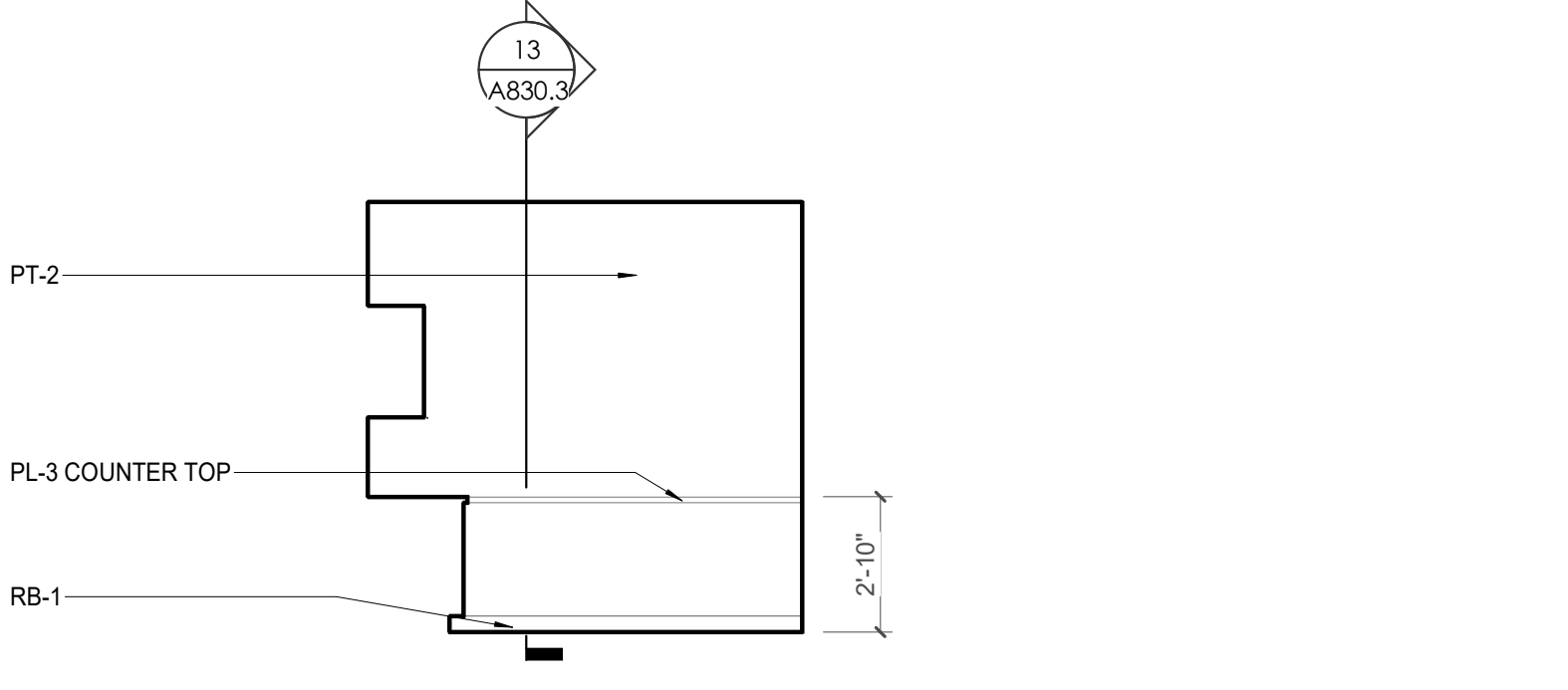
2 TLT 127 & 128 TYPICAL S. ELEVATION
A813.2 1/4" = 1'-0"



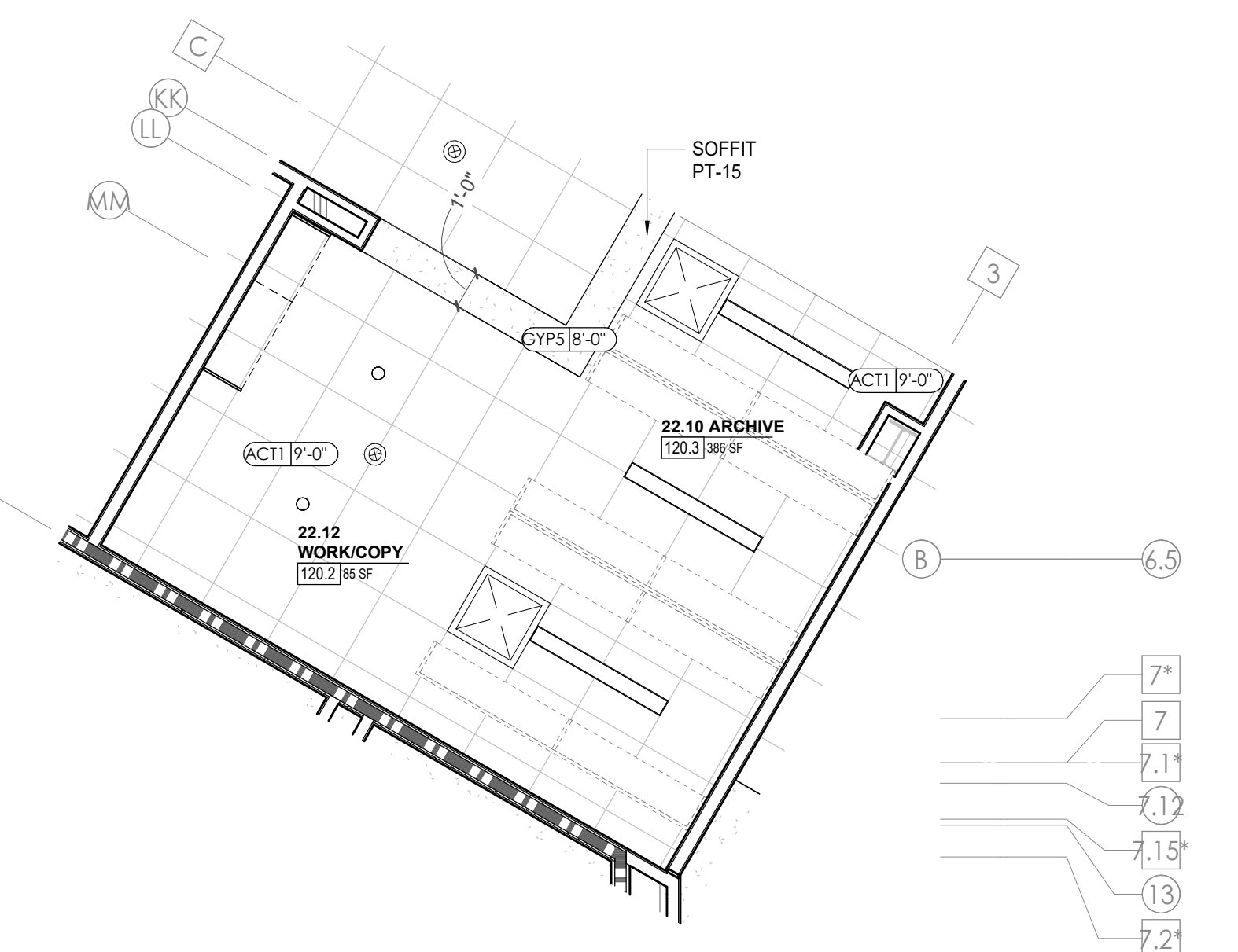
5 TLT 127 & 128 TYPICAL WET WALL ELEVATION
A813.2 1/4" = 1'-0"



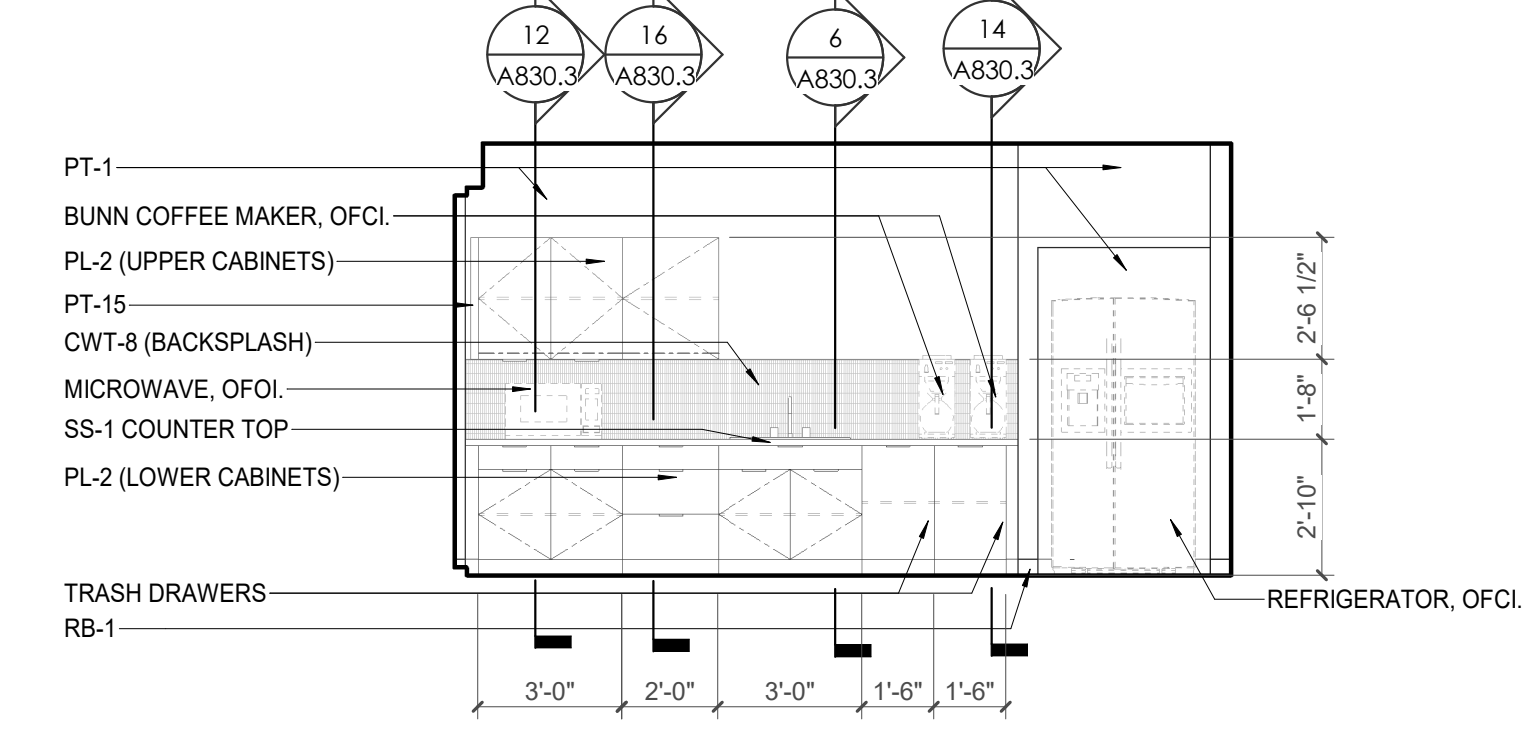
9 CA - LL2 - CASH COUNT 122 E. ELEVATION
A813.2 1/4" = 1'-0"



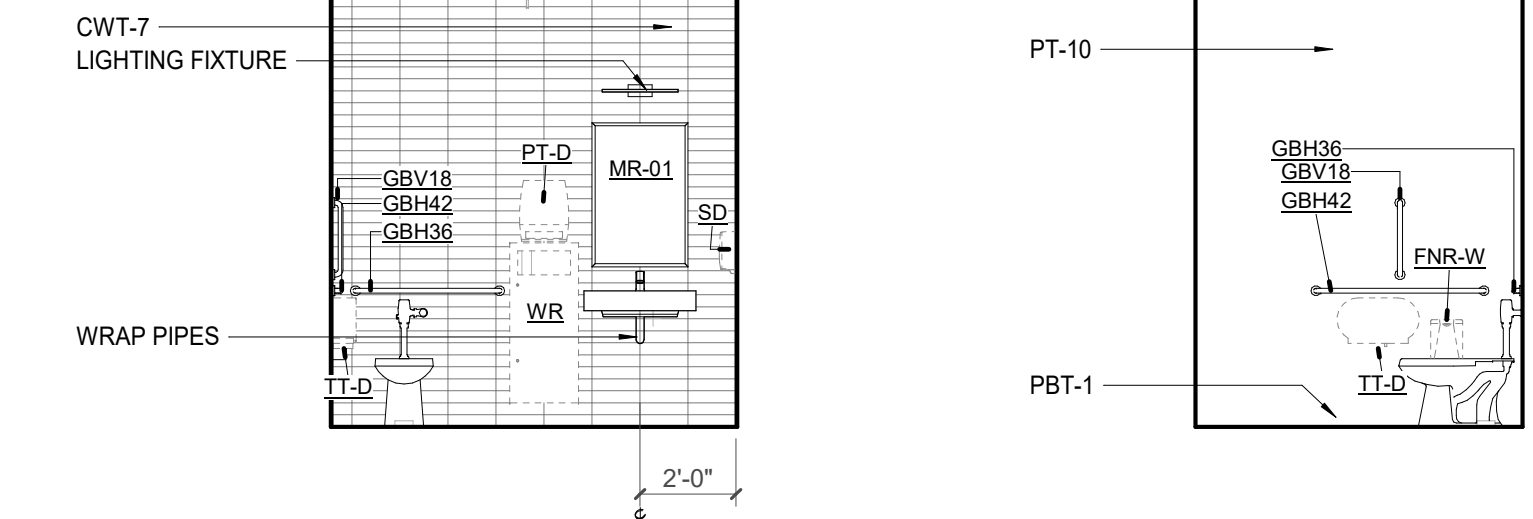
10 CA - LL2 - CASH COUNT 122 W. ELEVATION
A813.2 1/4" = 1'-0"



12 ENLARGED RCP - CA LL2 - WORK/COPY 120.2 & ARCHIVE 120.3
A813.2 1/4" = 1'-0"



4 CA - LL2 - BREAK ROOM 124 E. ELEVATION
A813.2 1/4" = 1'-0"



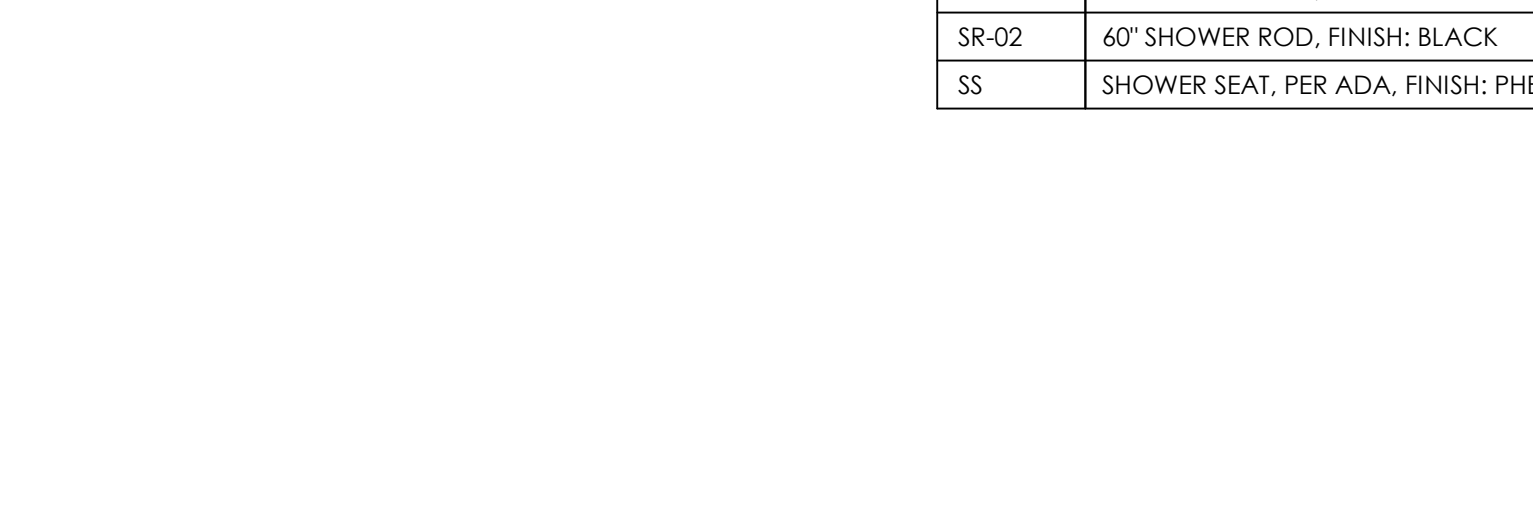
6 TLT 117 S. ELEVATION
A813.2 1/4" = 1'-0"



7 TLT 117 E. ELEVATION
A813.2 1/4" = 1'-0"

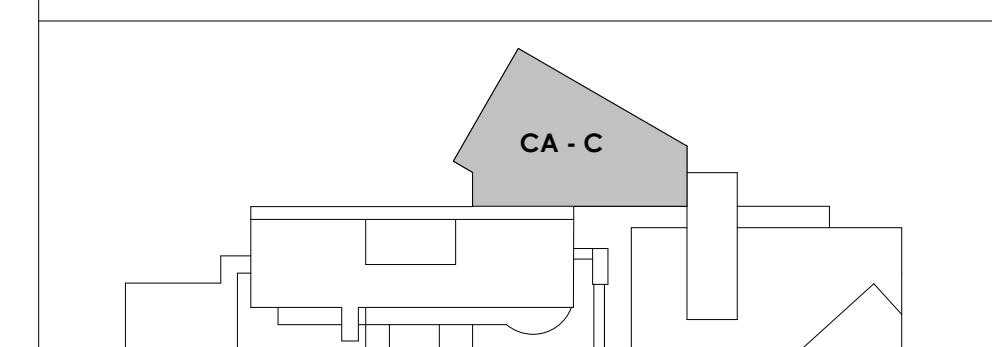


13 CA - LL2 - WORK/COPY 120.2 W. ELEVATION
A813.2 1/4" = 1'-0"



14 CA - LL2 - WORK/COPY 120.2 S. ELEVATION
A813.2 1/4" = 1'-0"

KEY PLAN





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19018

COK PUBLIC SAFETY COMPLEX

900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:
Architects Design Group

#	ISSUE	DATE
2	ADD #2.1	02/17/21

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

Drawing Info:

A814

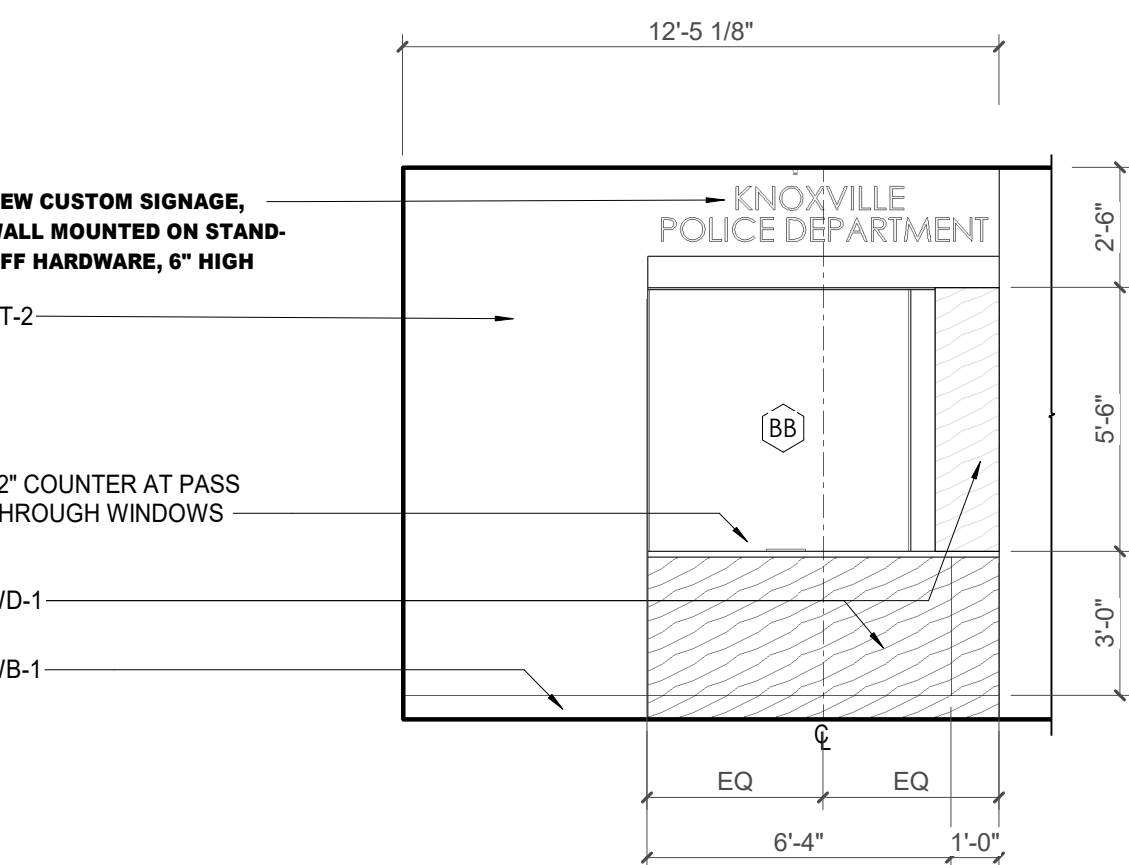
CA - ENLARGED PLANS AND ELEVATIONS LL2 - TELESERVE

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

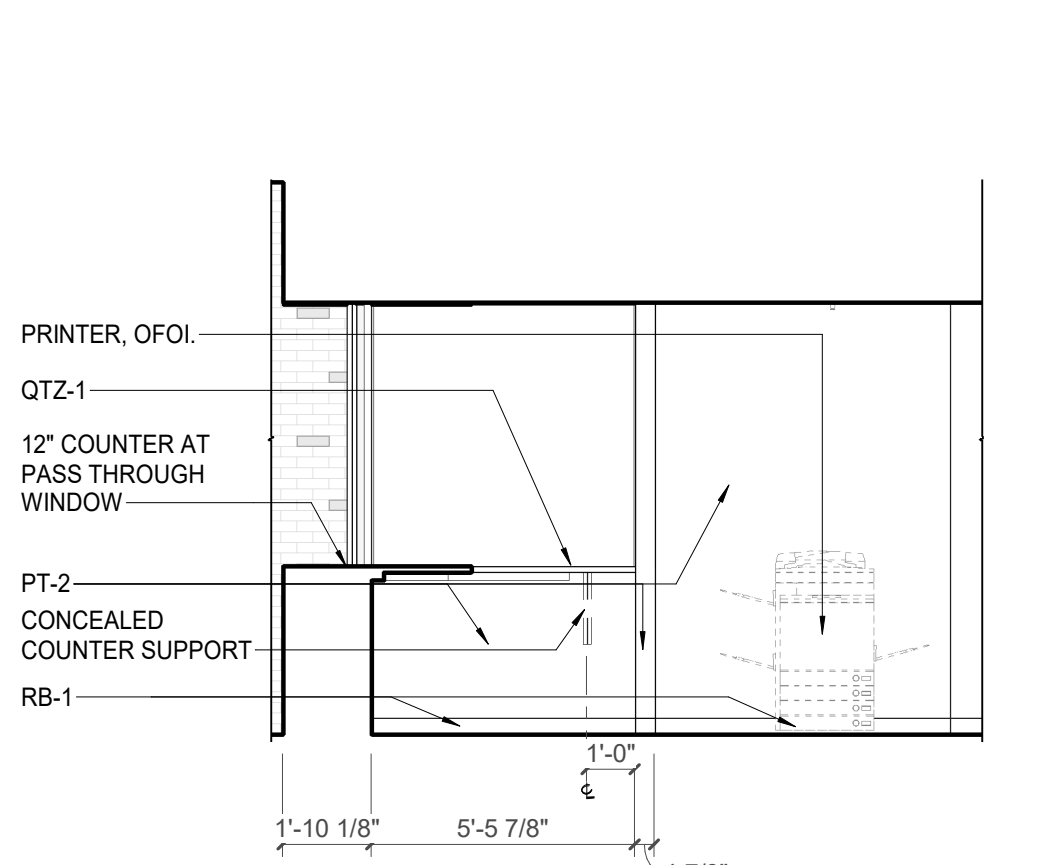
KEYNOTES - FLOOR PLANS

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
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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
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50	IMPACT RESISTANT STEEL BOLLARD, GENERAL LOCATION SHOWN, COORDINATE LOCATION IN FIELD
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
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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
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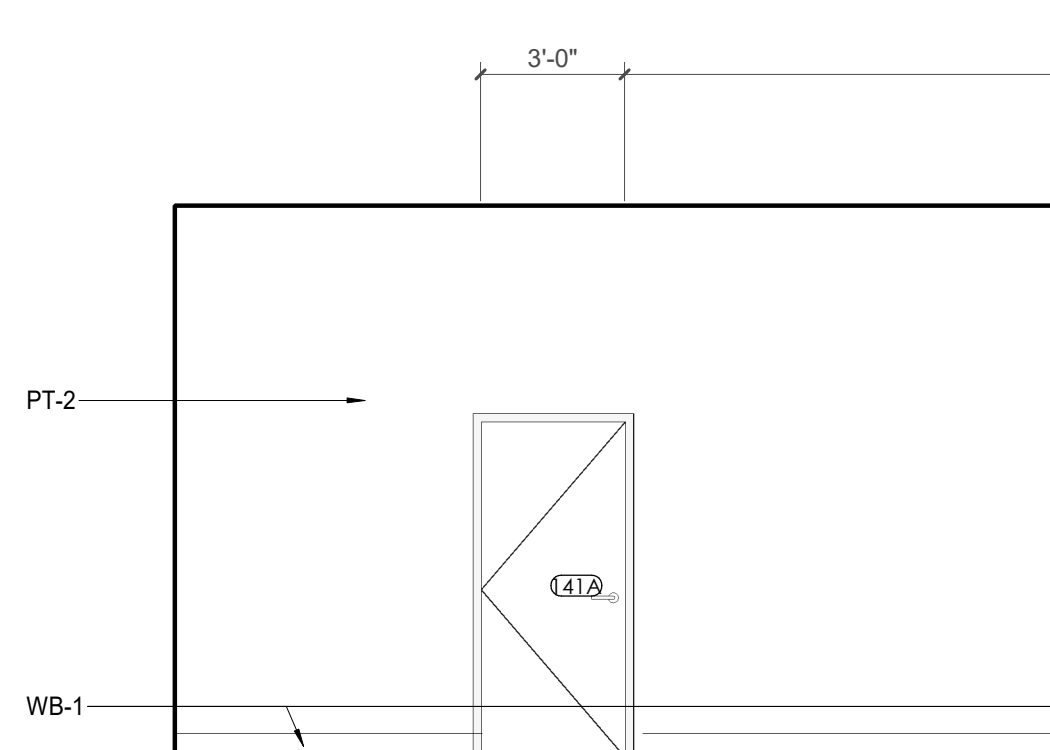
1 ENLARGED PLAN - CA LL2 - TELESERVE AND CORRIDOR
1/4" = 1'-0"



2 CA - LL2 - TELESERVE E. ELEVATION
1/4" = 1'-0"



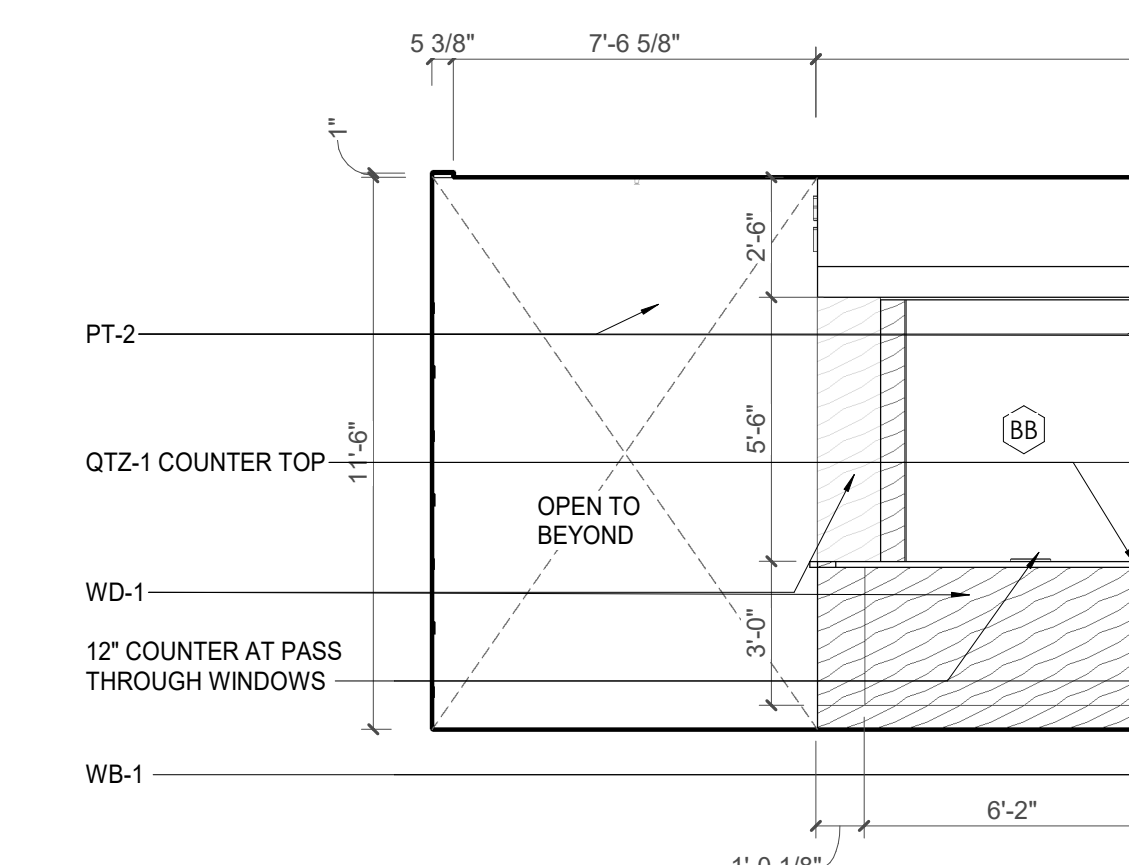
4 CA - LL2 - TELESERVE W. ELEVATION
1/4" = 1'-0"



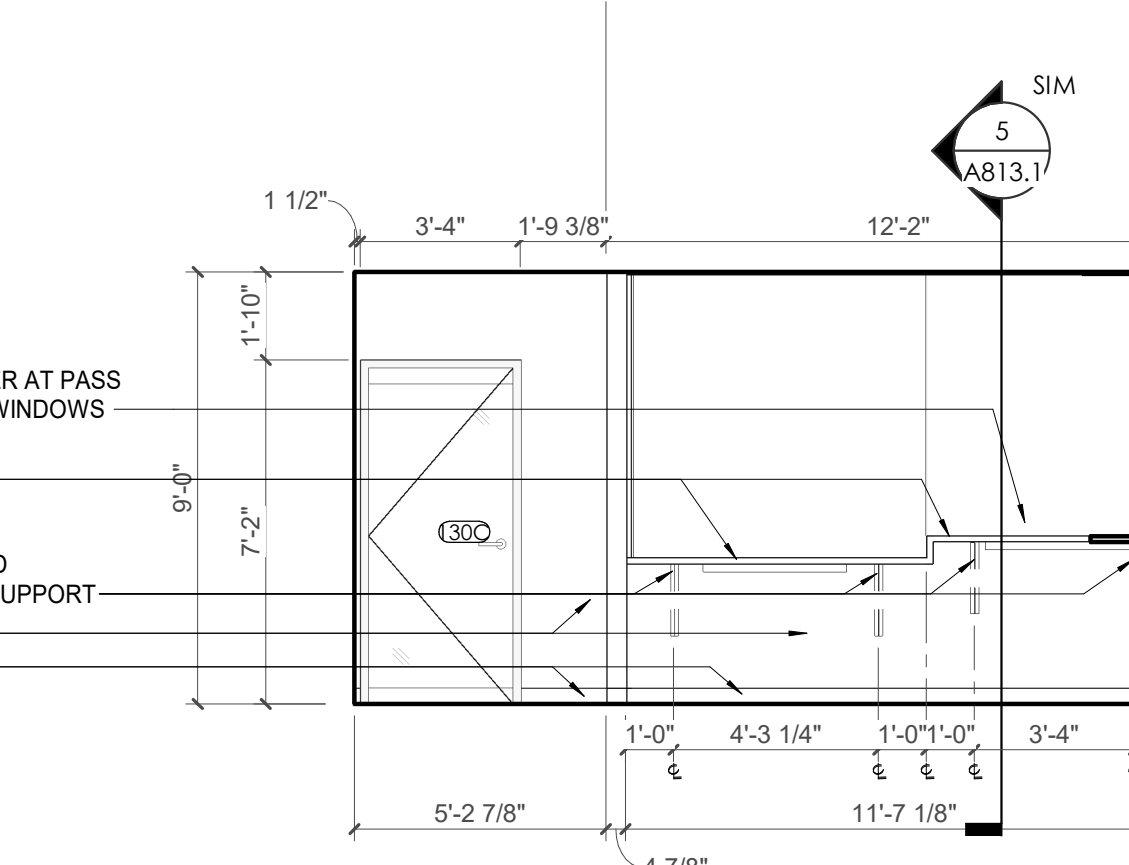
9 CA - LL2 - CORRIDOR S. ELEVATION
1/4" = 1'-0"



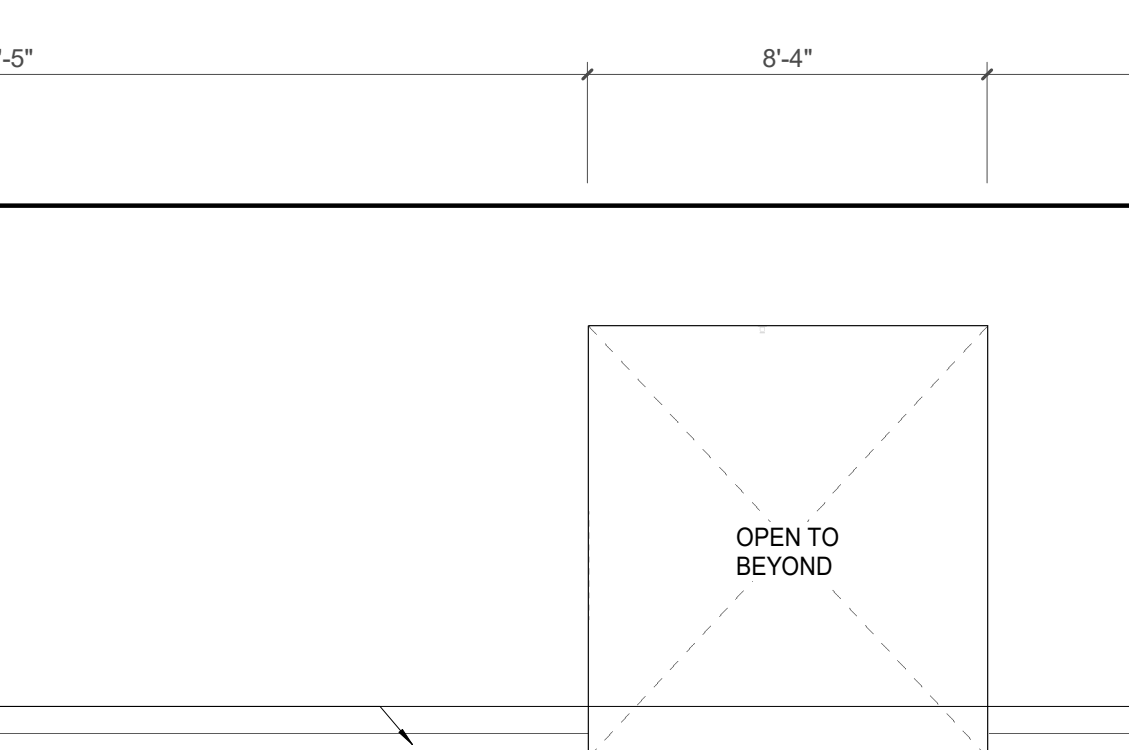
3 CA - LL2 - TELESERVE N. ELEVATION
1/4" = 1'-0"



5 CA - LL2 - TELESERVE S. ELEVATION
1/4" = 1'-0"



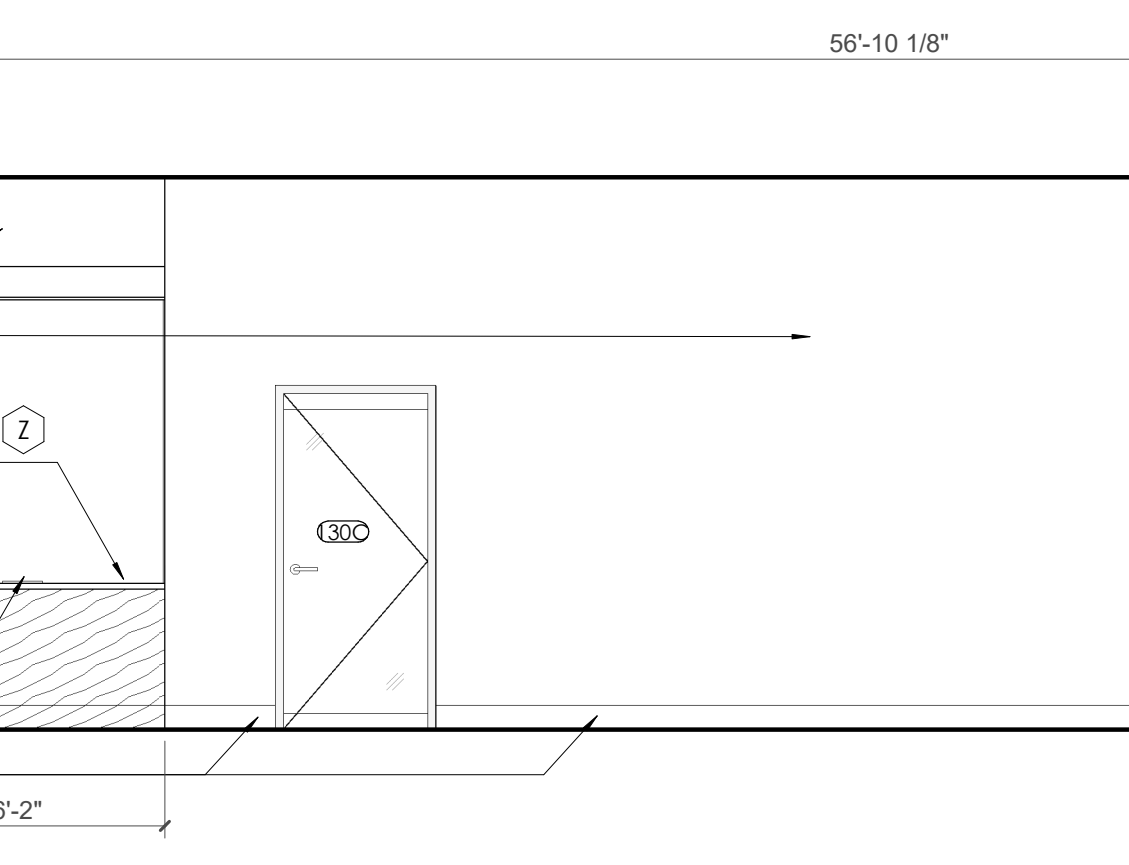
6 CA - LL2 - BREAK ROOM 130.2 S. ELEVATION
1/4" = 1'-0"



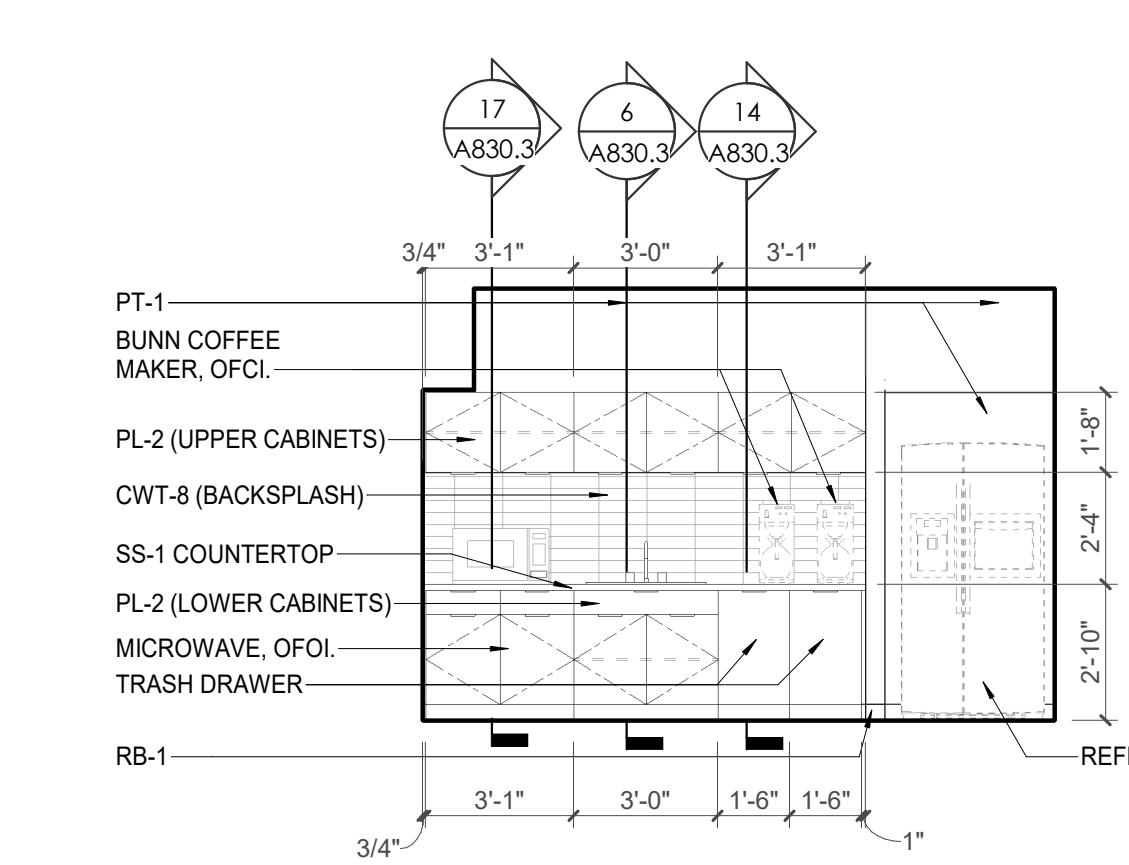
7 CA - LL2 - BREAK ROOM 130.2 E. ELEVATION
1/4" = 1'-0"



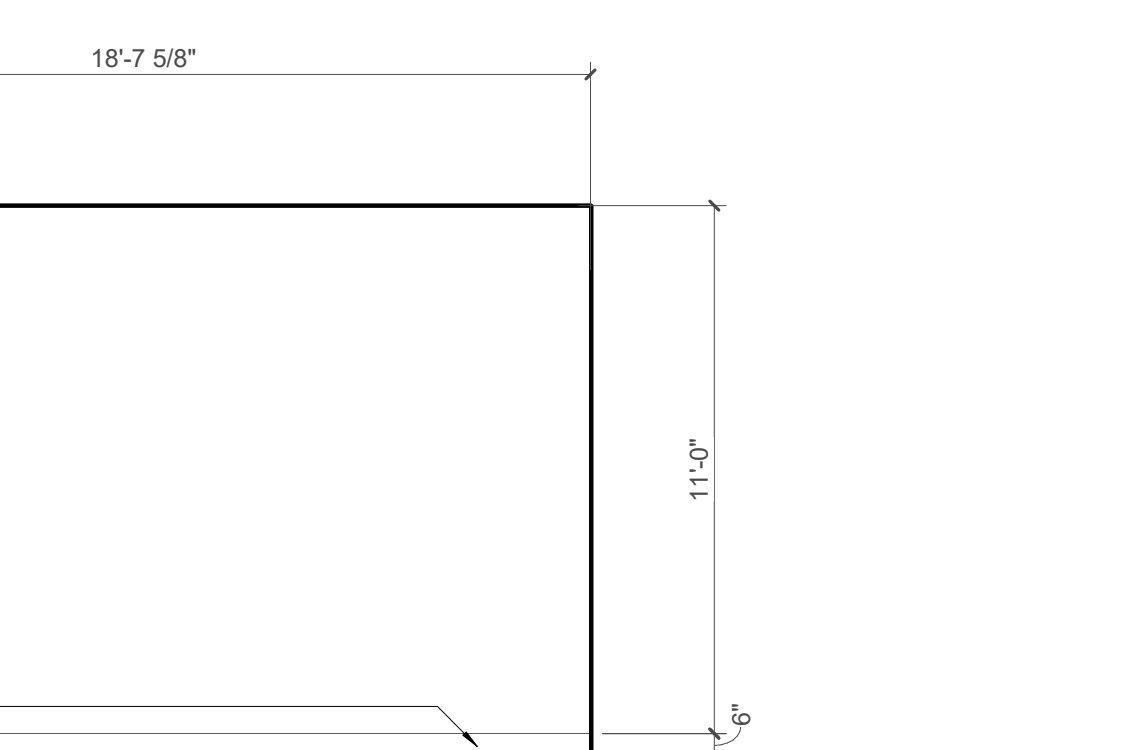
8 CA - LL2 - INTERIOR LOBBY ELEVATION
1/4" = 1'-0"



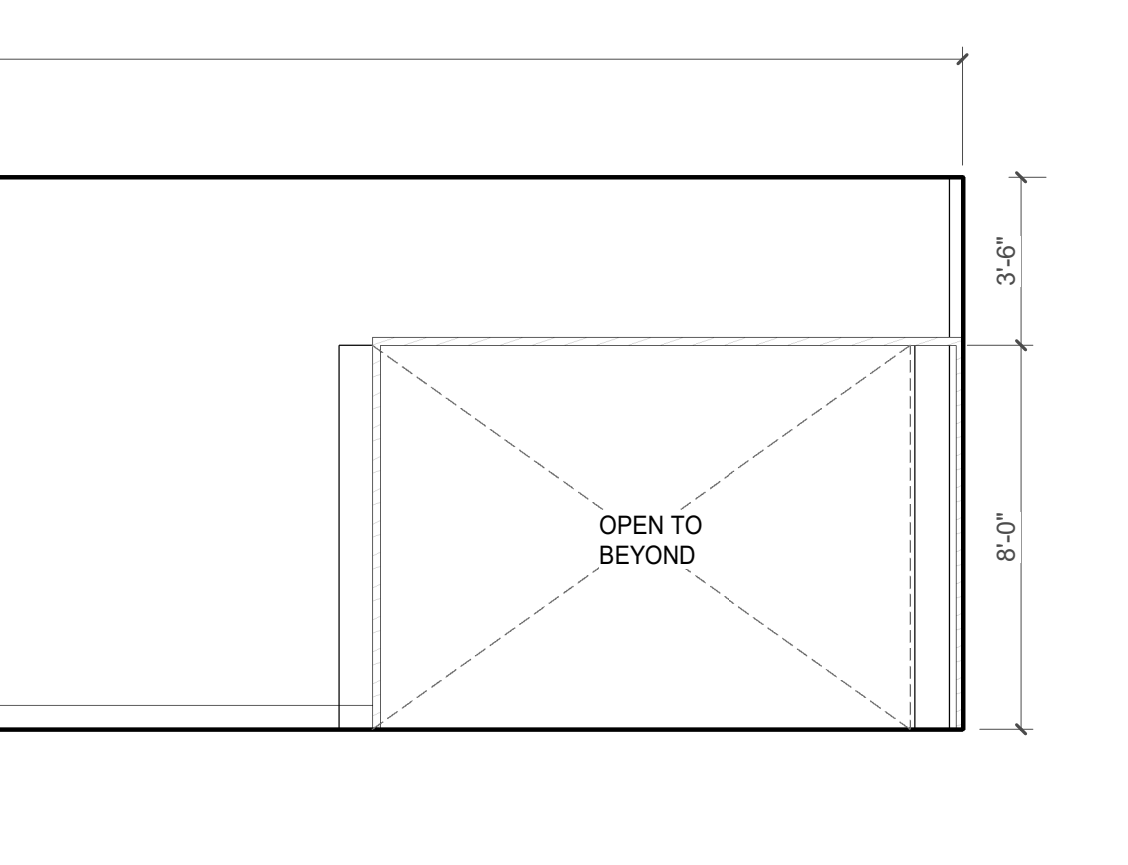
9 CA - LL2 - CORRIDOR S. ELEVATION
1/4" = 1'-0"



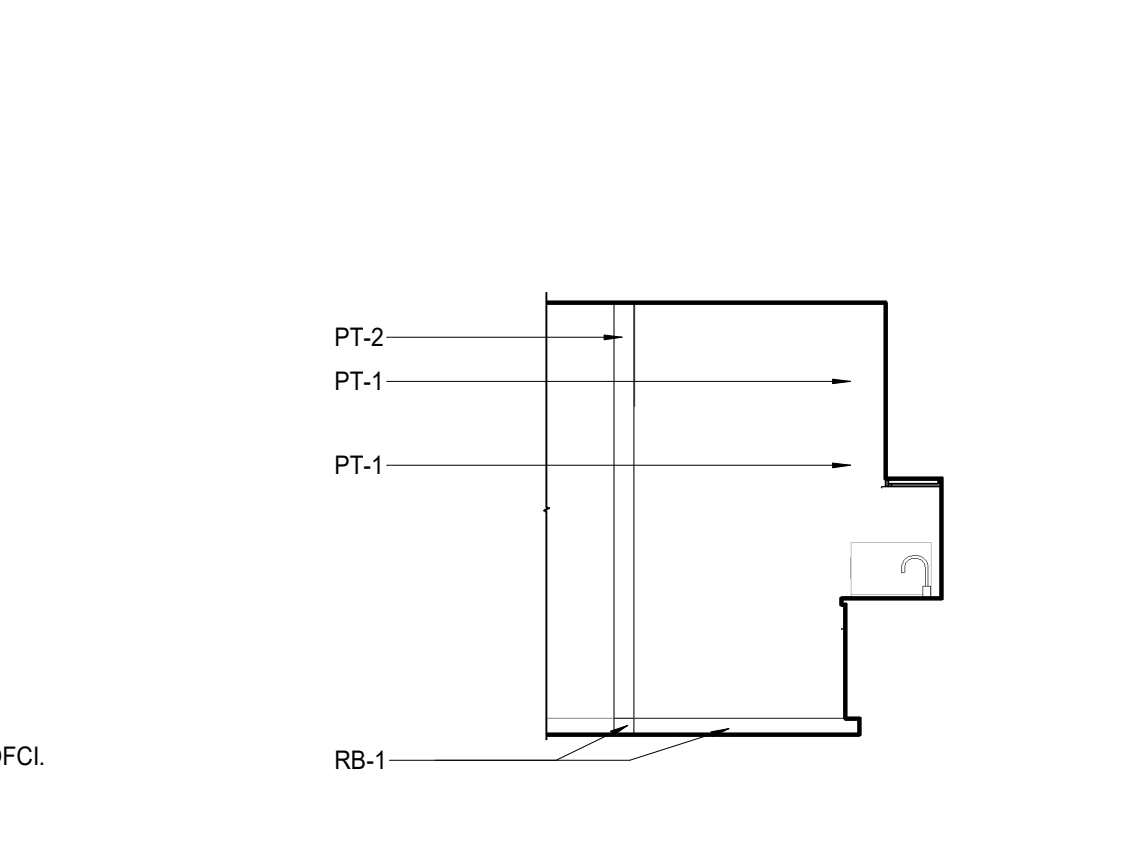
10 CA - LL2 - CORRIDOR N. ELEVATION
1/4" = 1'-0"



11 CA - LL2 - CORRIDOR E. ELEVATION
1/4" = 1'-0"



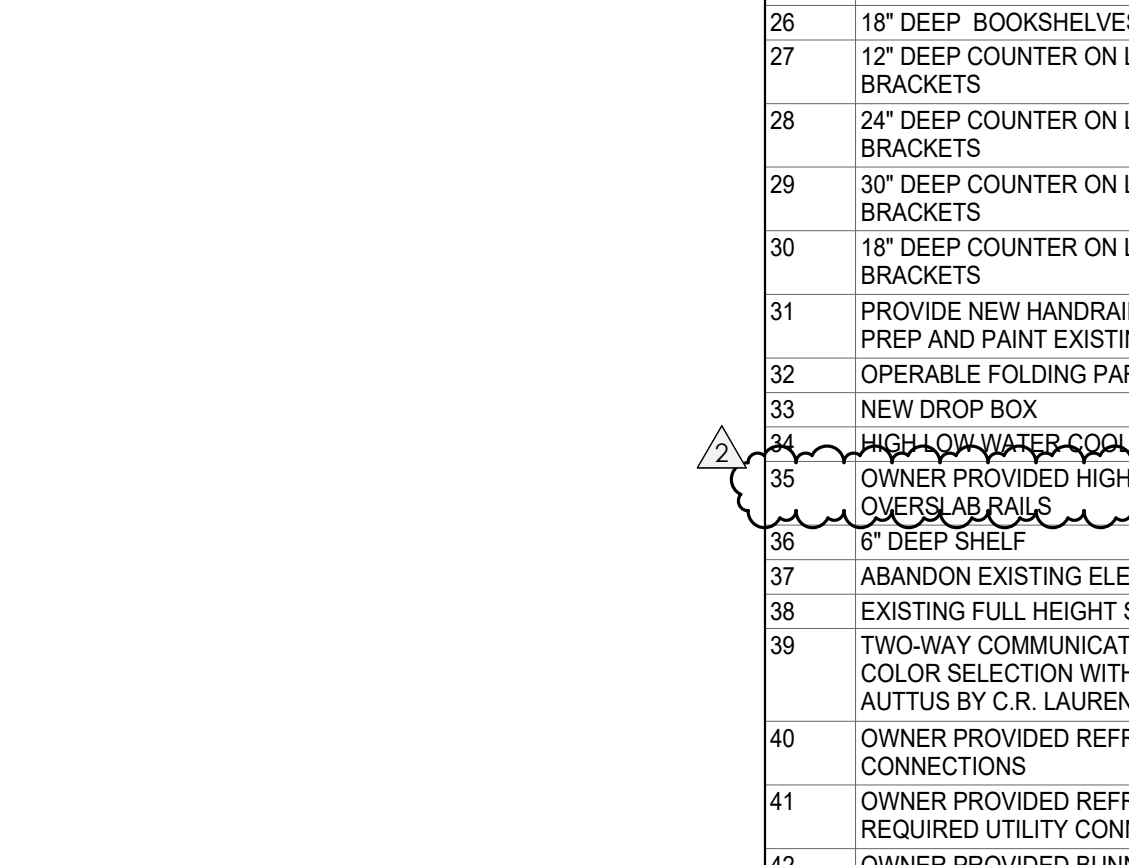
12 CA - LL2 - CORRIDOR W. ELEVATION
1/4" = 1'-0"



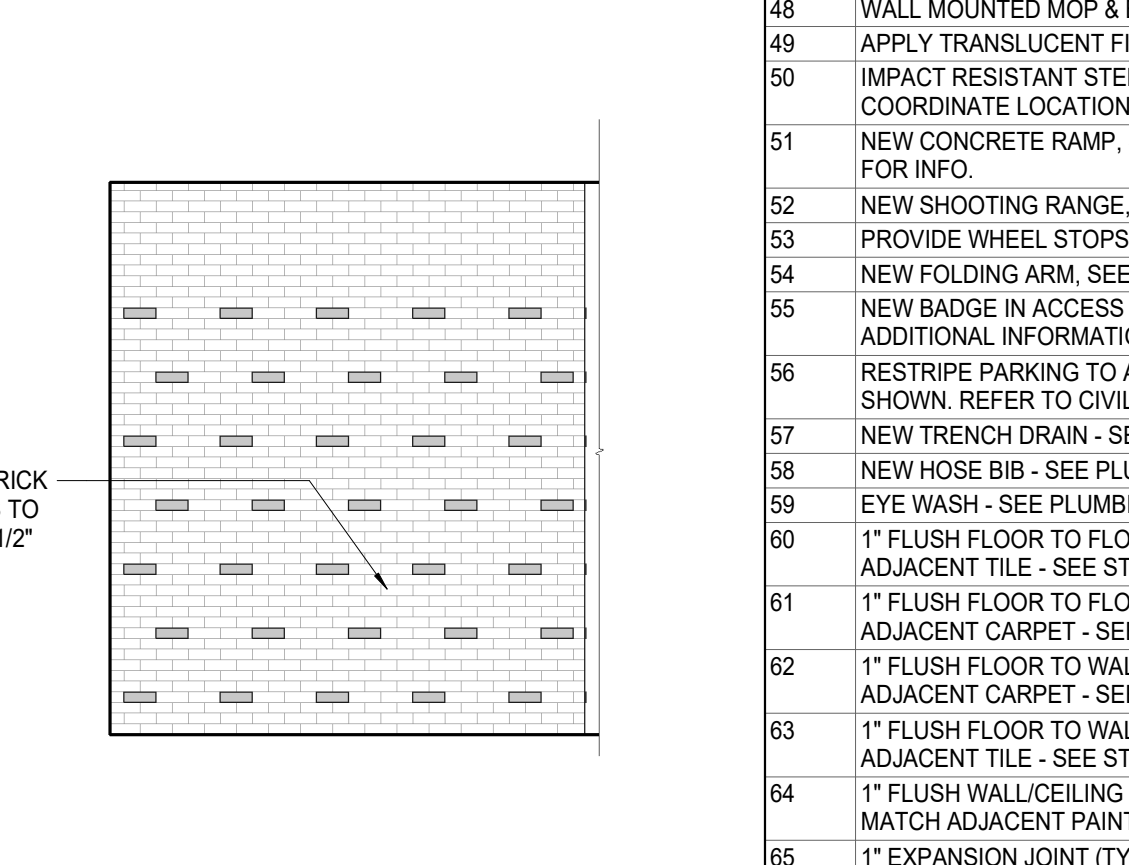
13 CA - LL2 - CORRIDOR N. ELEVATION
1/4" = 1'-0"



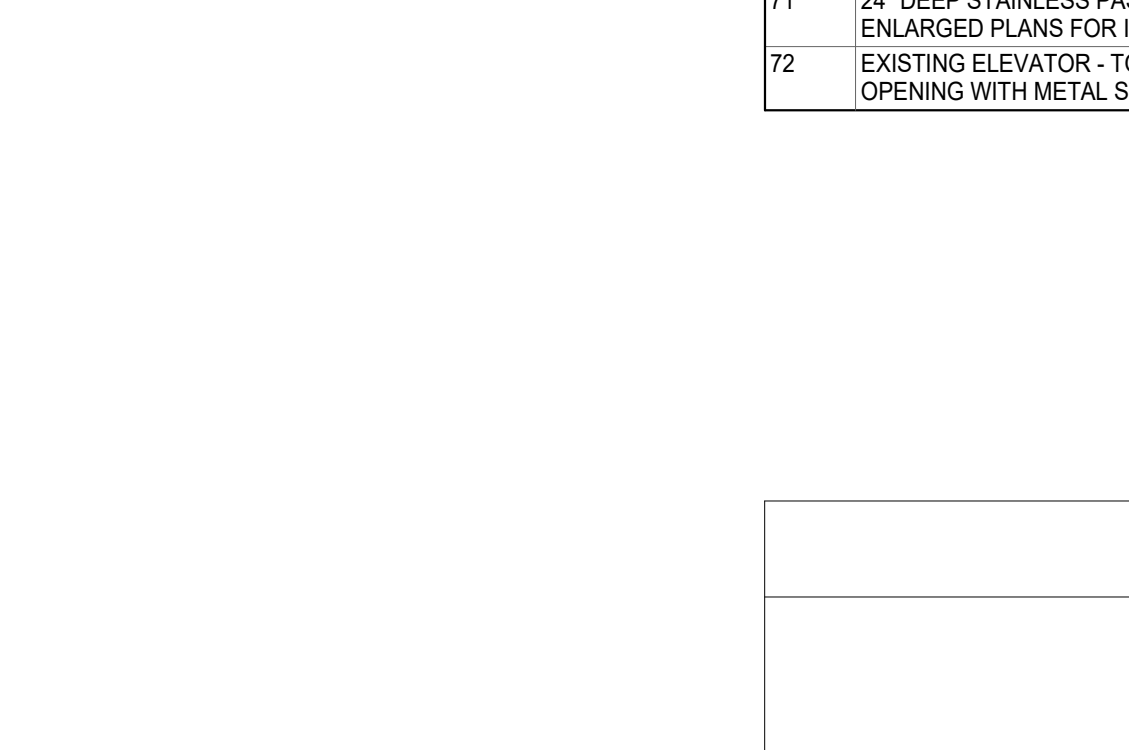
14 CA - LL2 - CORRIDOR S. ELEVATION
1/4" = 1'-0"



15 CA - LL2 - CORRIDOR N. ELEVATION
1/4" = 1'-0"



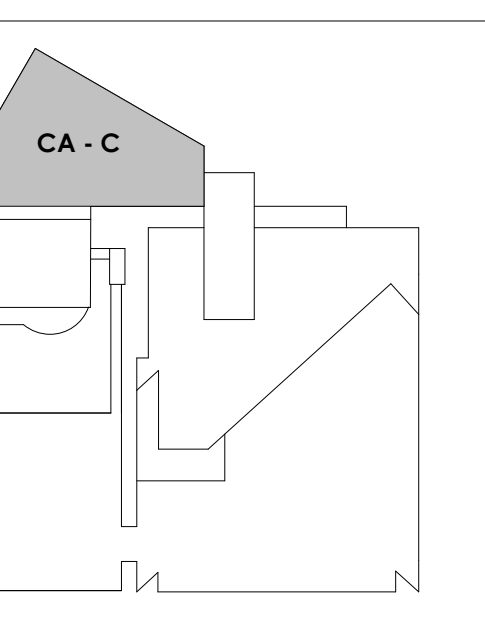
16 CA - LL2 - CORRIDOR E. ELEVATION
1/4" = 1'-0"



17 CA - LL2 - CORRIDOR W. ELEVATION
1/4" = 1'-0"



KEY PLAN





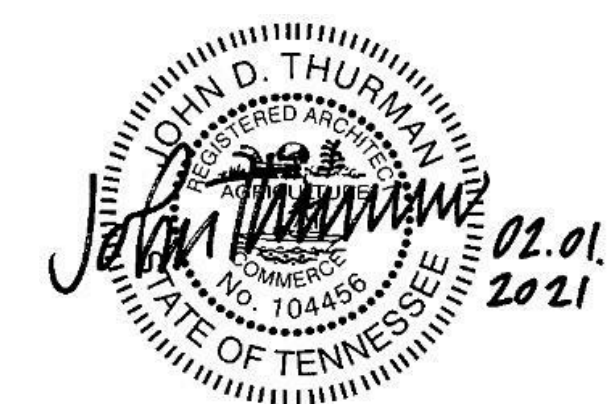
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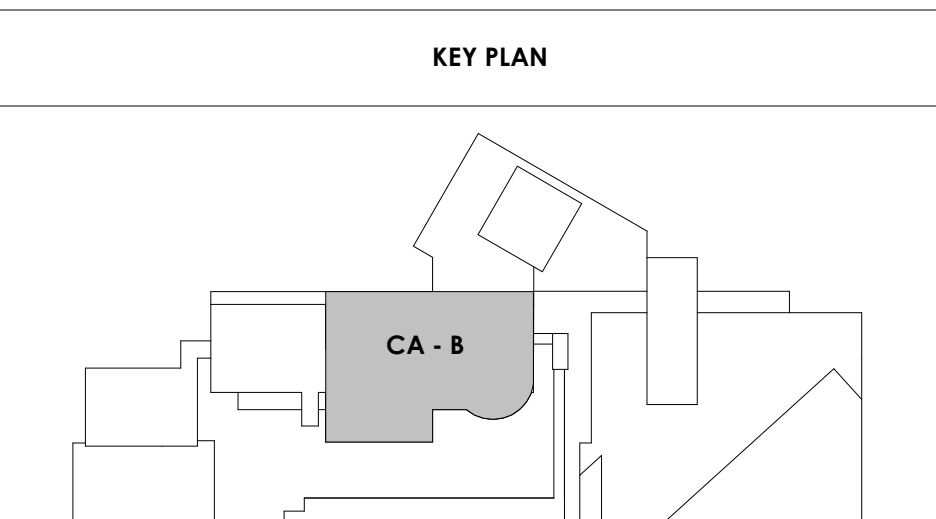
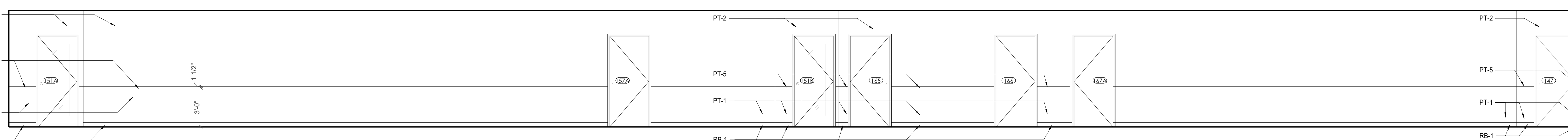
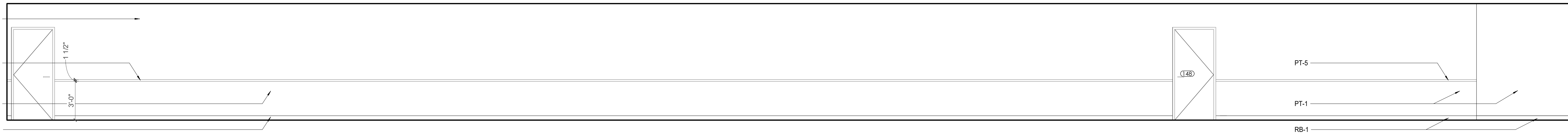
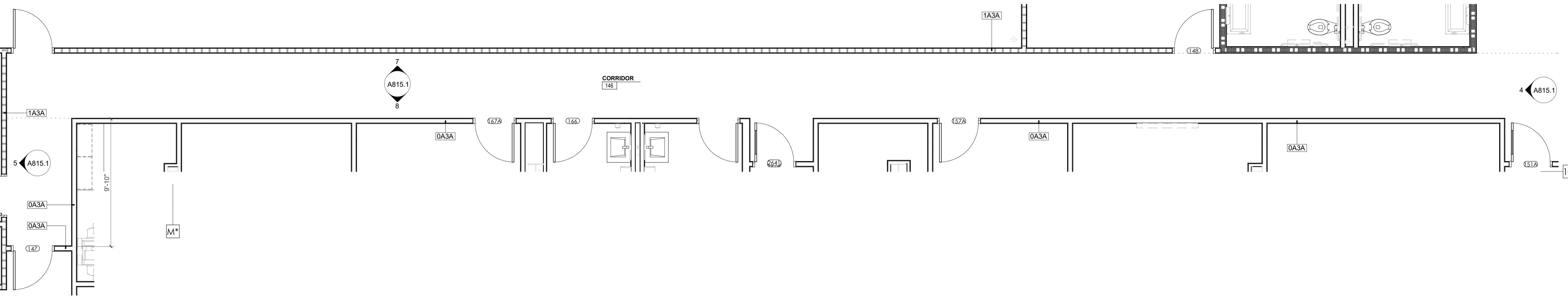
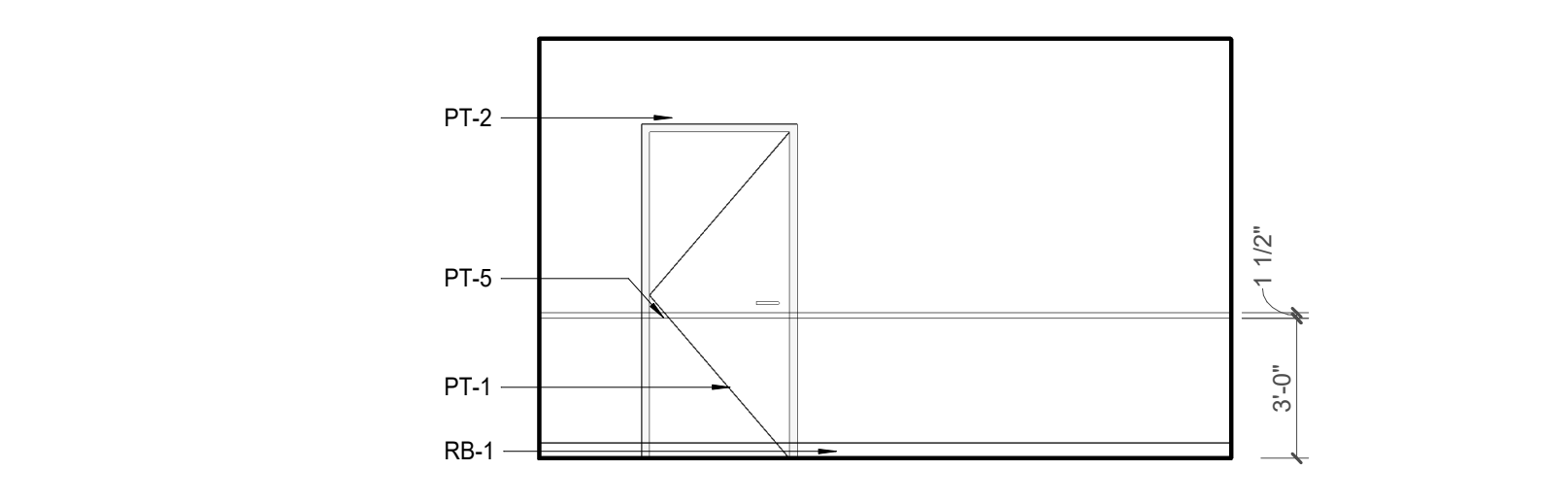
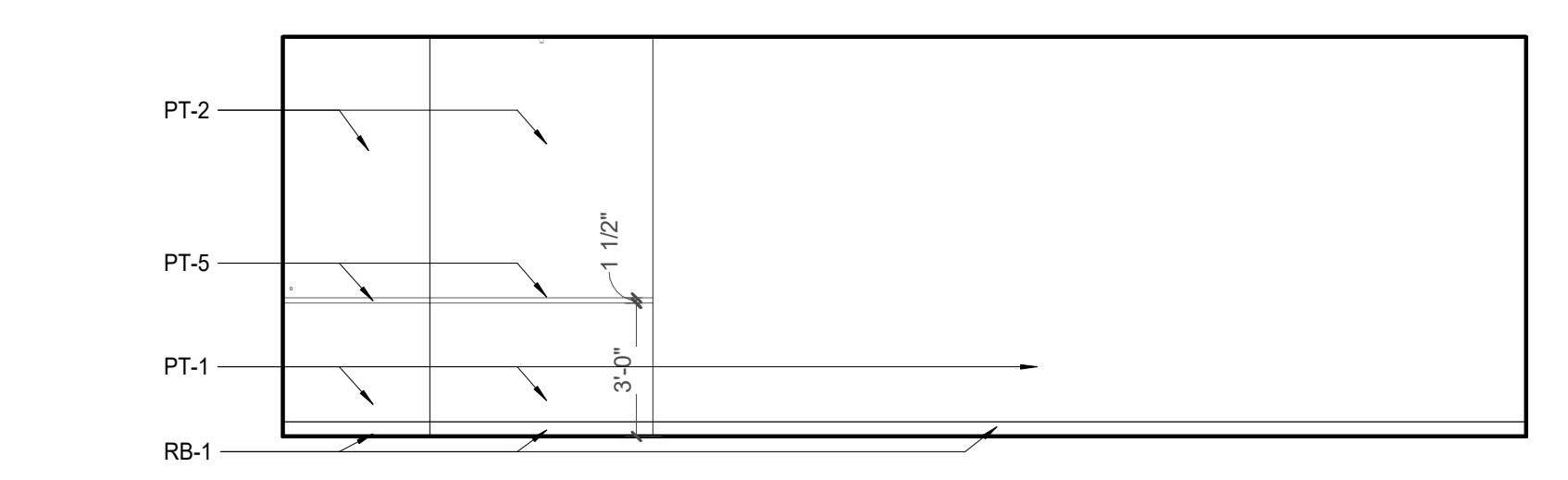
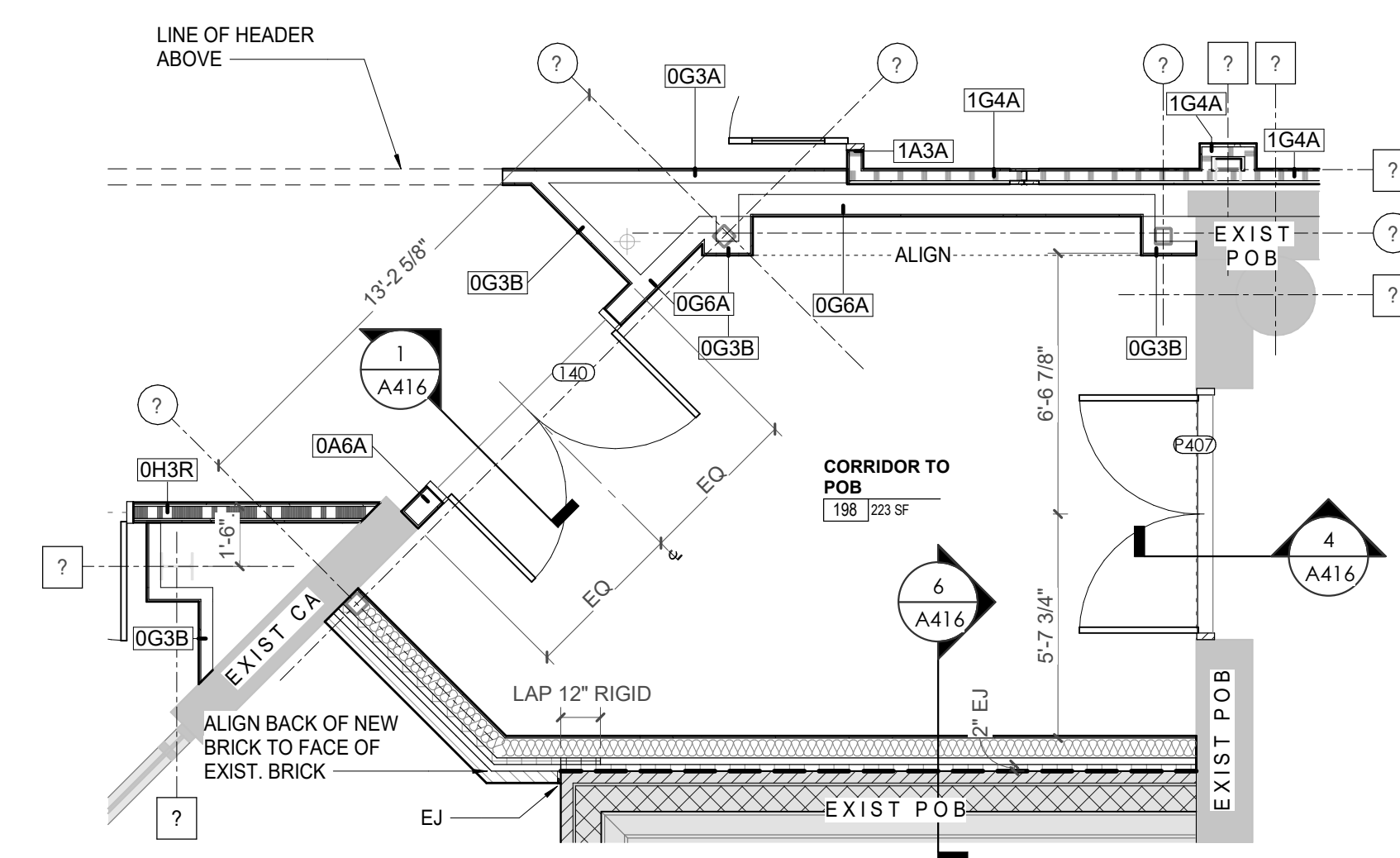
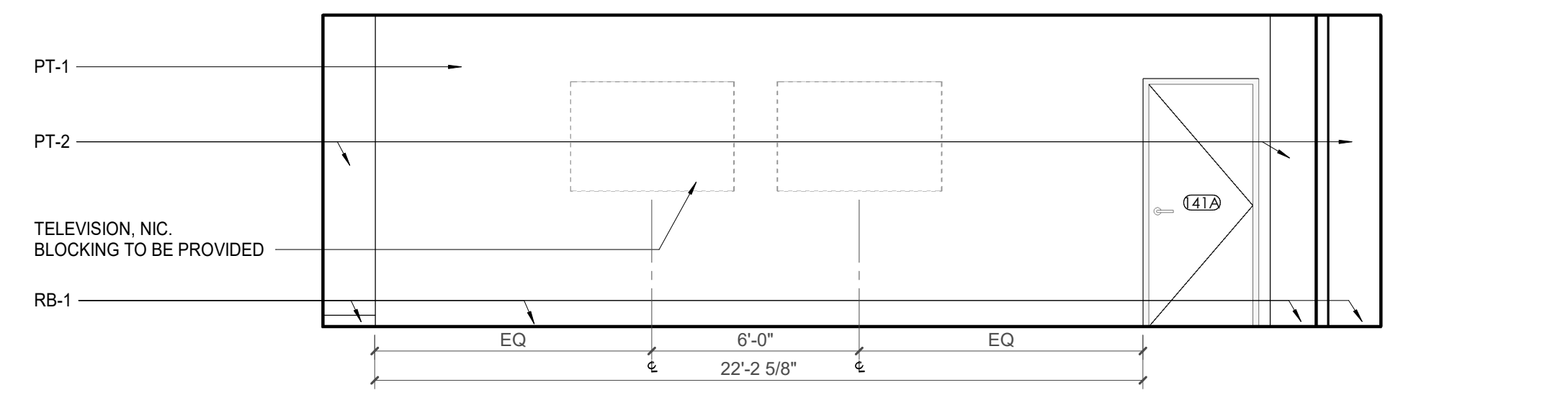
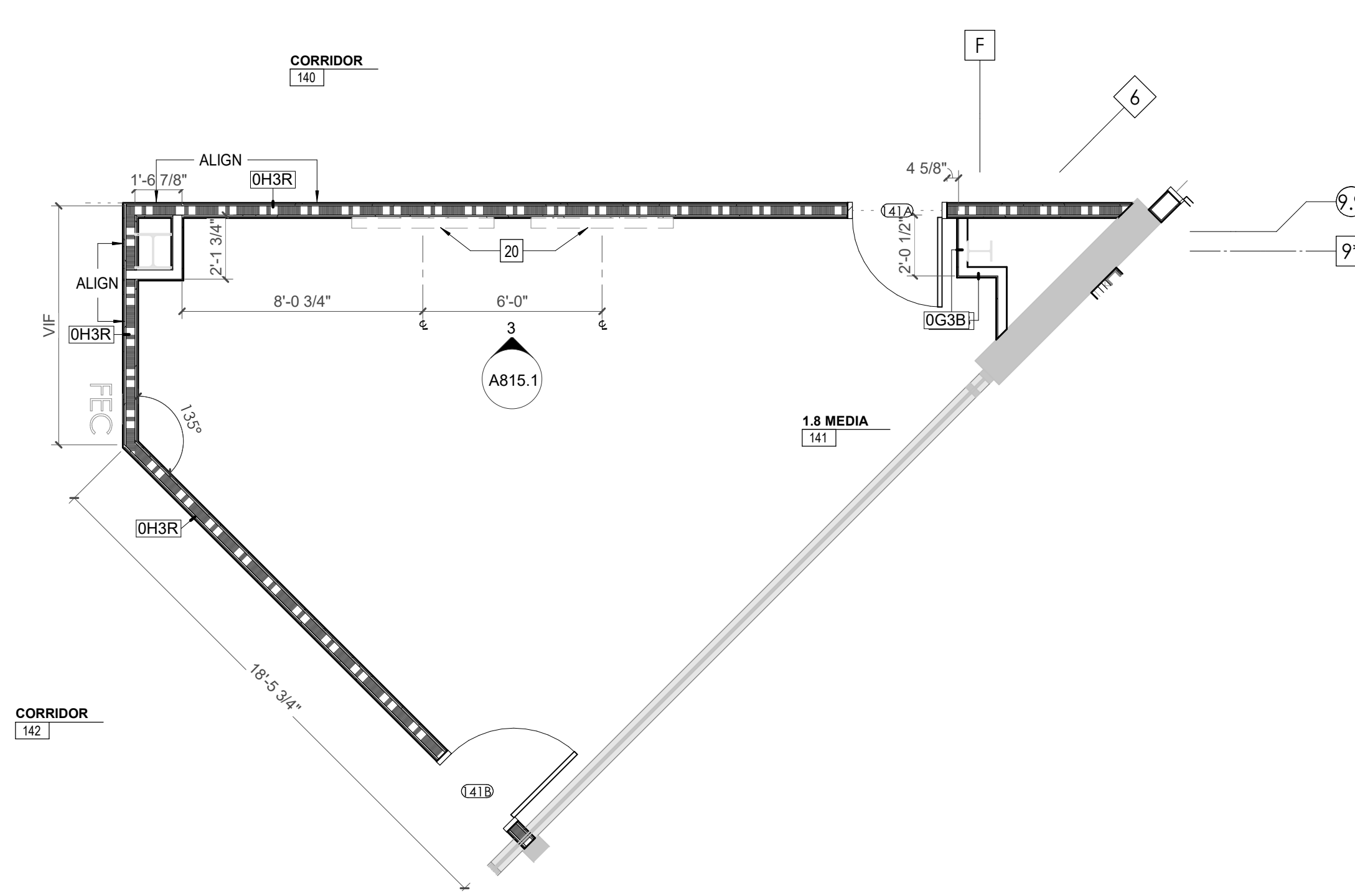
A815.1

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 - 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 UNDERCOUNTER
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	AUTTUS BY C.R. LAURENCE
41	OWNER PROVIDED REFRIGERATOR, 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
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 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/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.
72	EXISTING ELEVATOR - TO BE ABANDONED. WELD DOORS SHUT AND INFILL OPENING WITH METAL STUD FRAMING





Project Information:

19018

COK PUBLIC SAFETY COMPLEX
900 East Oak Hill Ave, Knoxville, TN

Seal:



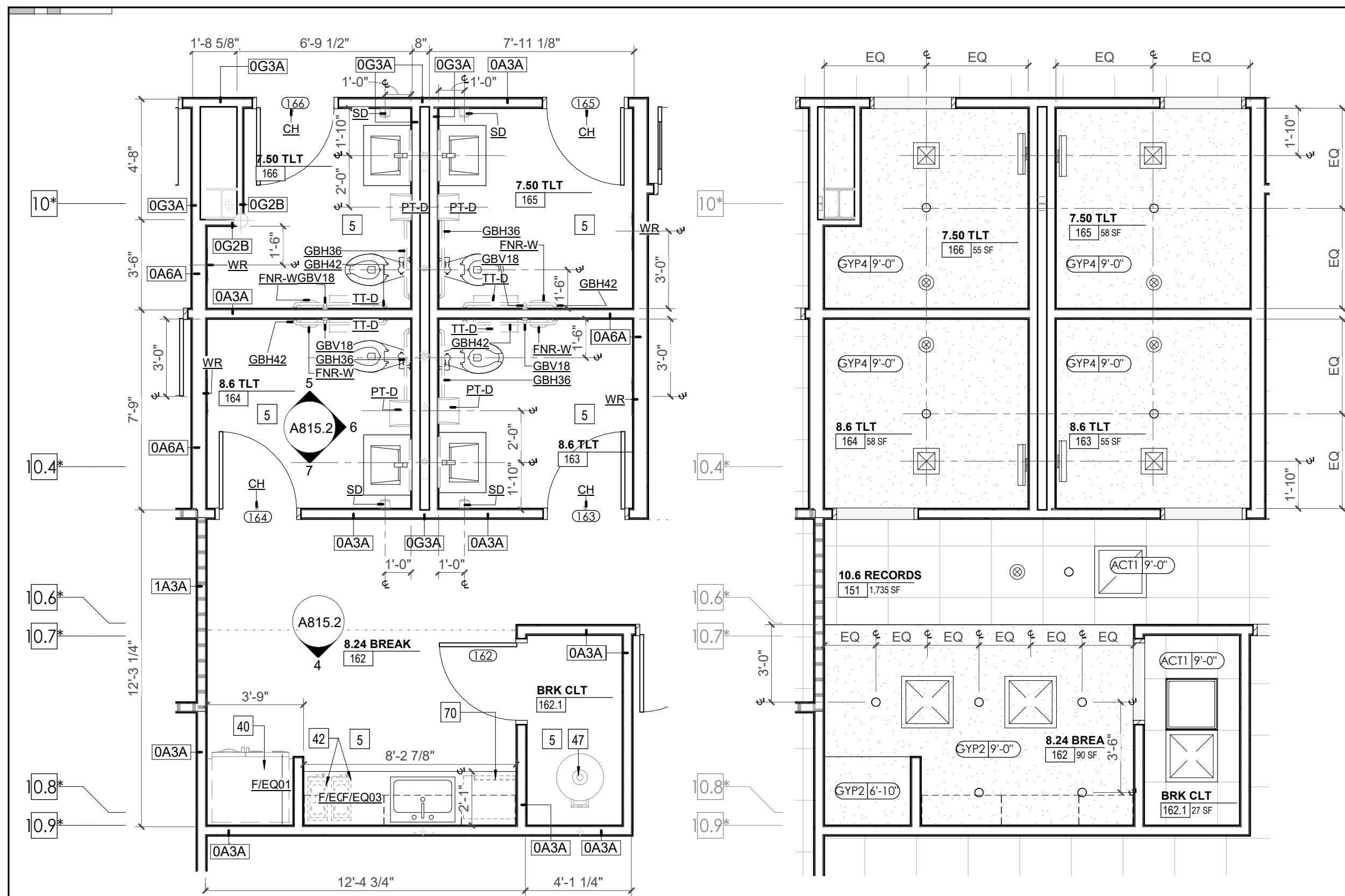
Consultant:
Architects Design Group

ISSUE DATE
2 ADD #02.1 02/17/21

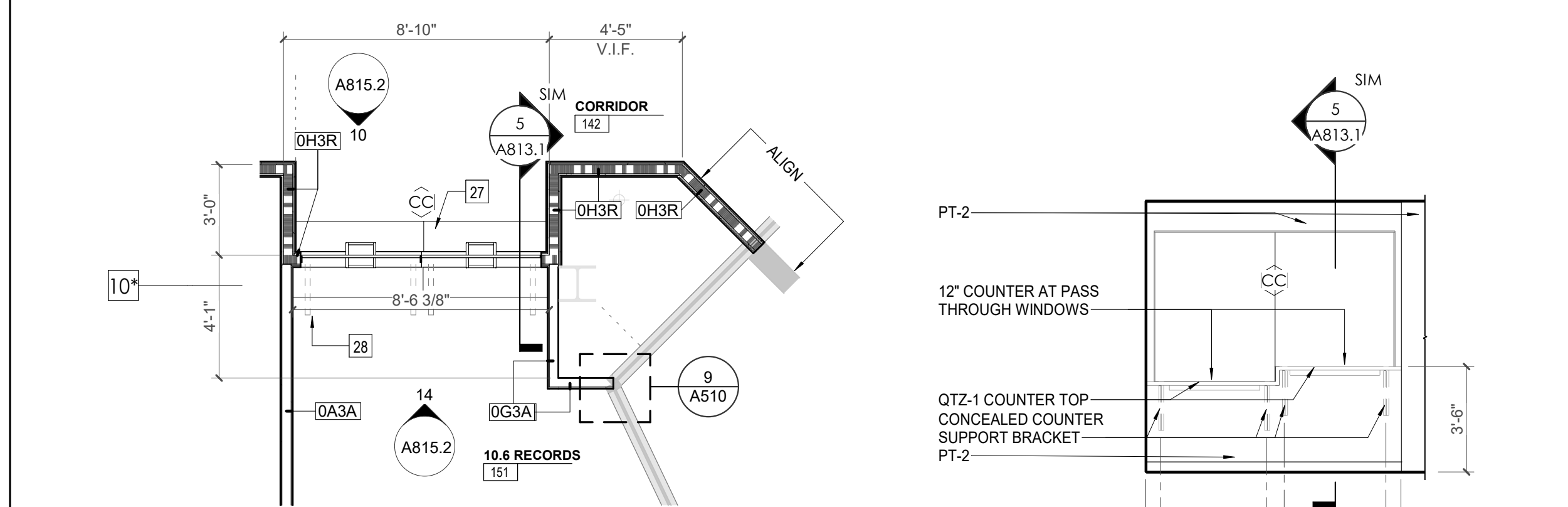
Issue Date: FEBRUARY 01, 2021
PKC: DAVID COLLINS
PM: JOHN THURMAN
PA: LAUREN BUSH /
Drawn By: Author
Checked By: BP
Drawing Info:

A815.2

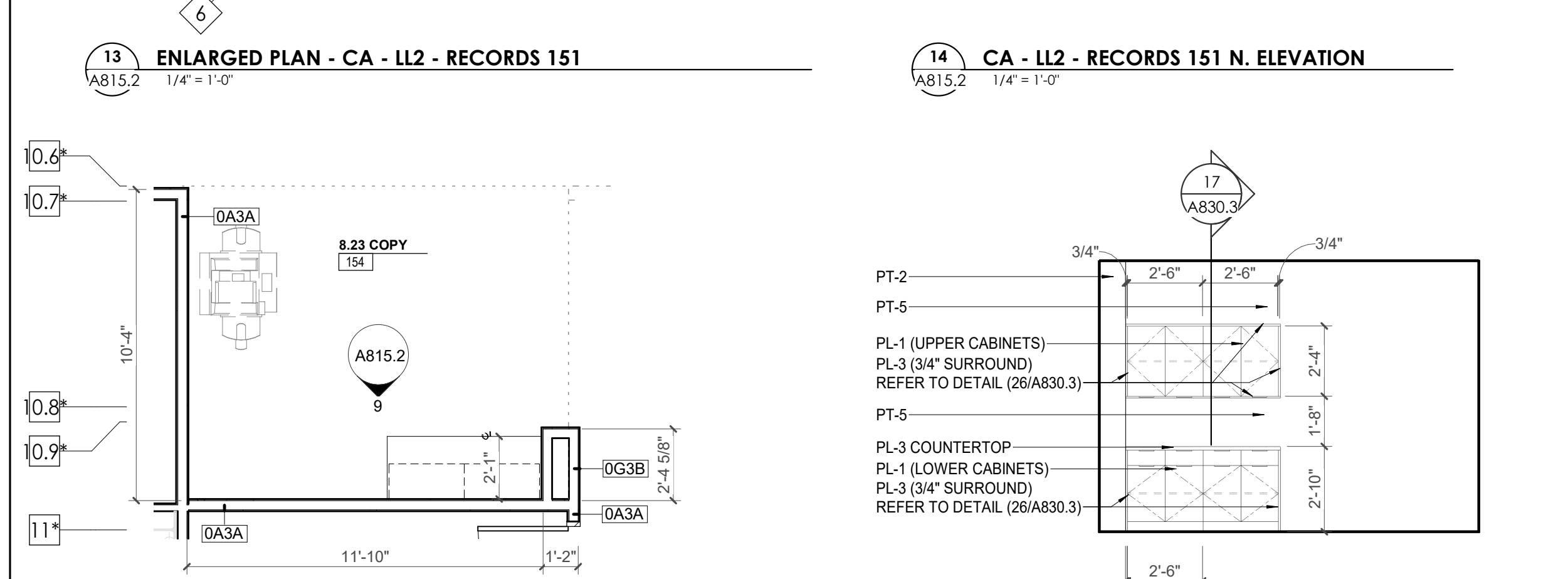
CA - ENLARGED PLANS AND ELEVATIONS LL2 - POLICE



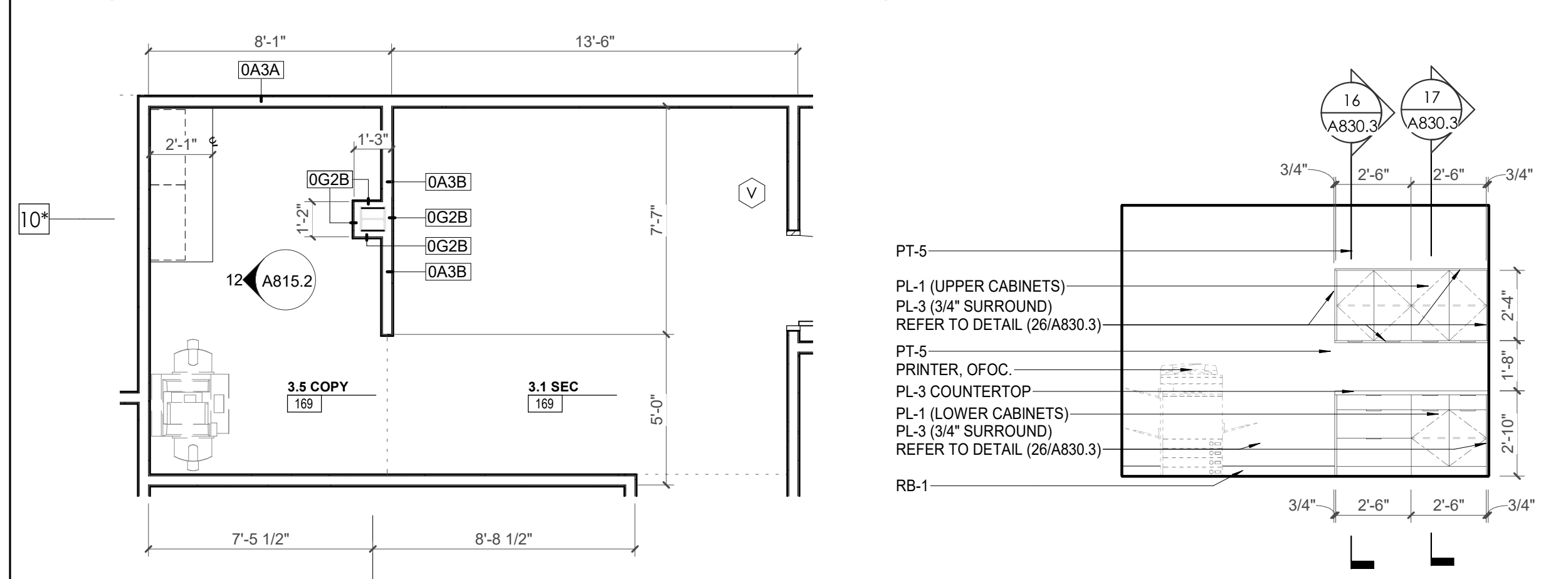
1 ENLARGED PLAN - CA LL2 - RECORDS, BREAK ROOM & TOILETS
A815.2 1/4" = 1'-0"



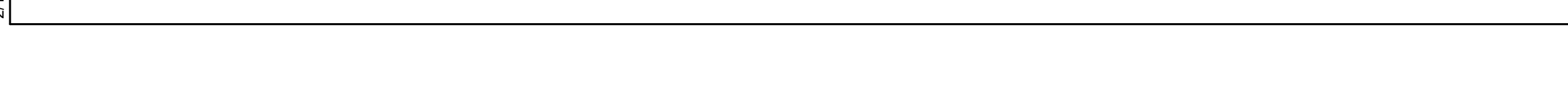
2 ENLARGED RCP - CA LL2 - RECORDS, BREAK ROOM & TOILETS
A815.2 1/4" = 1'-0"



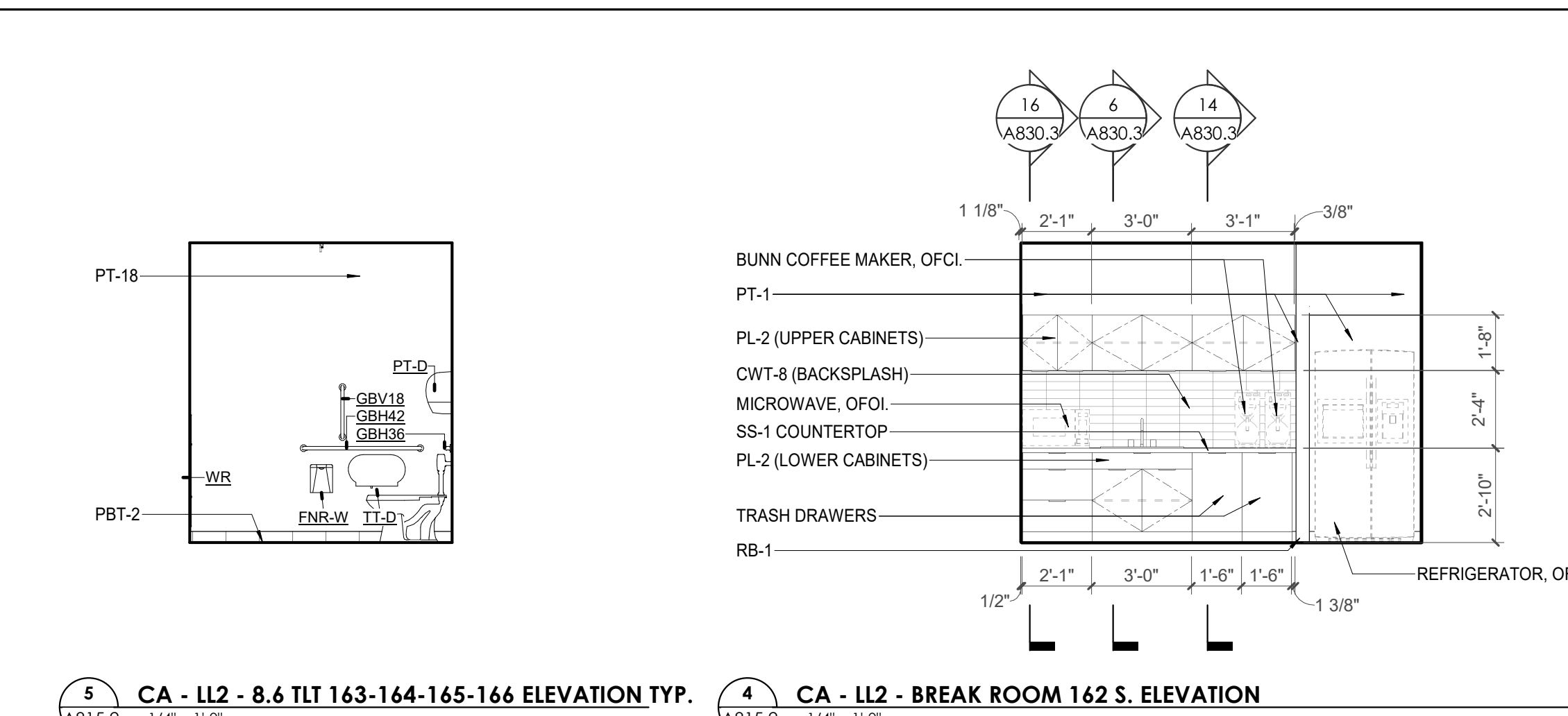
13 ENLARGED PLAN - CA - LL2 - RECORDS 151
A815.2 1/4" = 1'-0"



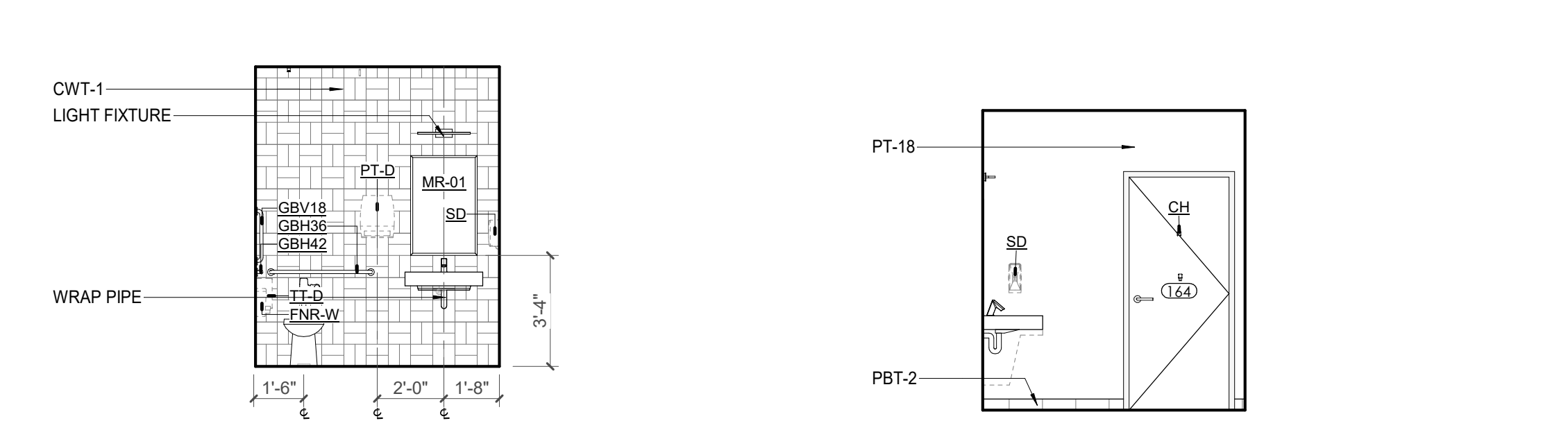
8 ENLARGED PLAN - CA - LL2 - COPY 154
A815.2 1/4" = 1'-0"



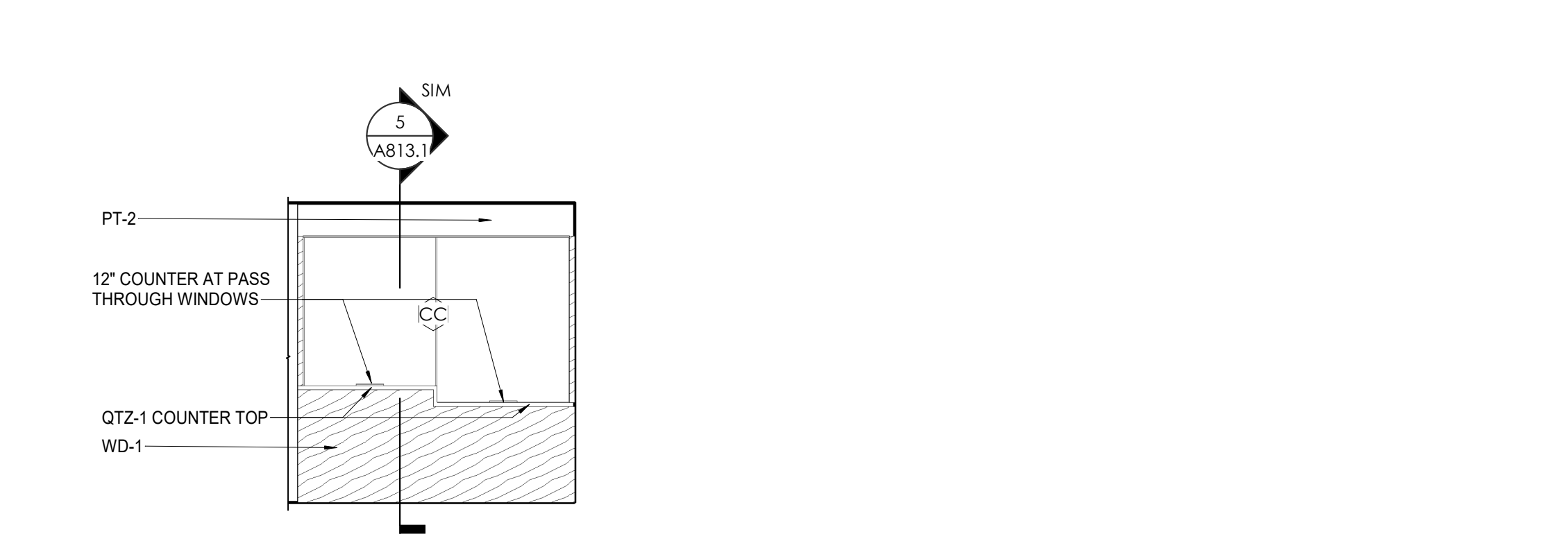
11 ENLARGED PLAN - CA LL2 - COPY 169 & SEC 169
A815.2 1/4" = 1'-0"



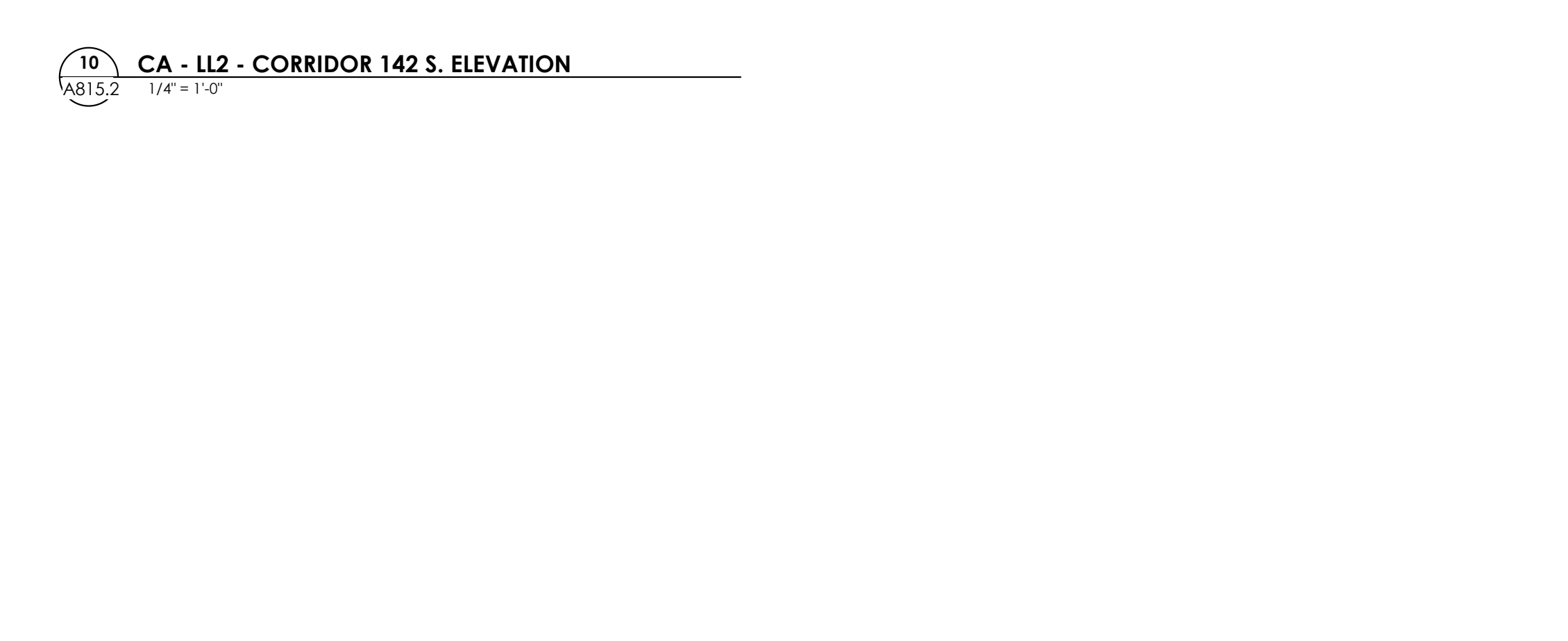
4 CA - LL2 - BREAK ROOM 162 S. ELEVATION
A815.2 1/4" = 1'-0"



4 CA - LL2 - 8.6 TLT 163-164-165-166 WET WALL ELEVATION
A815.2 1/4" = 1'-0"



7 CA - LL2 - 8.6 TLT 163-164-165-166 ELEVATION TYP
A815.2 1/4" = 1'-0"



10 CA - LL2 - CORRIDOR 142 S. ELEVATION
A815.2 1/4" = 1'-0"



12 CA - LL2 - SEC/COPY 169 W. ELEVATION
A815.2 1/4" = 1'-0"

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

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. REMOVE EXISTING EIFS SOFFIT AND PROVIDE NEW SUSPENDED EIFS SOFFIT WITH R-30 BATT INSULATION IN OVERHANG CAVITY

TOILET ACCESSORIES LEGEND

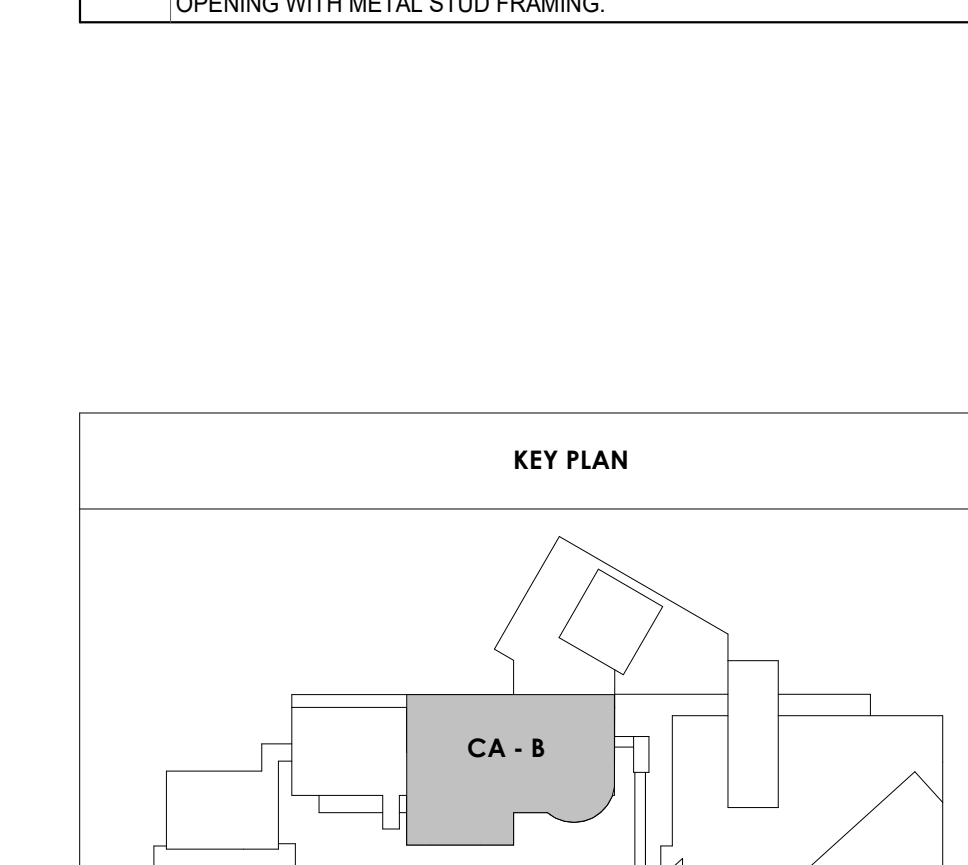
MARK	DESCRIPTION
GBH42	42" HORIZONTAL GRAB BAR, ADA, COLOR: STAINLESS STEEL
GBH36	36" HORIZONTAL GRAB BAR, ADA, COLOR: STAINLESS STEEL
GBV18	18" VERTICAL GRAB BAR, ADA, COLOR: STAINLESS STEEL
MR-01	24" X 36" MIRROR, BLACK FRAME
MR-02	LOCKER ROOM FRAMLESS MIRROR
MR-03	20" X 59" MIRROR, DOOR MOUNTED, BLACK 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

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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14	NEW PASS THRU LOCKERS - TYPE 3
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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 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 RACK
36	6" DEEP SHELF
37	ABANDON EXISTING ELEVATOR
38	EXISTING FULL HEIGHT SHANDREL PANEL
39	TWO-WAY COMMINGATOR (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
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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
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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 A11.2
61	1" FLUSH FLOOR TO FLOOR 2 HR EXPANSION JOINT (TYPE 2) TO MATCH ADJACENT CARPET - SEE STRUC AND DETAILS ON A11.2
62	1" FLUSH FLOOR TO WALL 2 HR EXPANSION JOINT (TYPE 3) TO MATCH ADJACENT CARPET - SEE STRUC AND DETAILS ON A11.2
63	1" FLUSH FLOOR TO WALL 2 HR EXPANSION JOINT (TYPE 4) TO MATCH ADJACENT TILE - SEE STRUC AND DETAILS ON A11.2
64	1" FLUSH WALL/CEILING TO WALL/CEILING EXPANSION JOINT (TYPE 5) TO MATCH ADJACENT PAINT COLOR - SEE STRUC AND DETAILS ON A11.2
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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72	EXISTING ELEVATOR - TO BE ABANDONED. WELD DOORS SHUT AND INFILL OPENING WITH METAL STUD FRAMING



KEY PLAN
CA - 8



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

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

A817.1

CA - ENLARGED PLANS AND ELEVATIONS LL1 AND GROUND - POLICE

1 ENLARGED PLAN - CA - TYP QUAD TOILET
A817.1 1/4" = 1'-0"

2 ENLARGED RCP - CA - TYP QUAD TOILET
A817.1 1/4" = 1'-0"

7 ENLARGED PLAN - CA - GROUND - TLT 340
A817.1 1/4" = 1'-0"

8 ENLARGED RCP - CA - GROUND - TLT 340
A817.1 1/4" = 1'-0"

9 CA - GROUND - TLT 340 E. ELEVATION
A817.1 1/4" = 1'-0"

10 CA - GROUND - TLT 340 S. ELEVATION
A817.1 1/4" = 1'-0"

12 ENLARGED PLAN - CA - LL1 - TLT 245
A817.1 1/4" = 1'-0"

13 ENLARGED RCP - CA - LL1 - TLT 245
A817.1 1/4" = 1'-0"

14 CA - LL1 - TLT 245 W. ELEVATION
A817.1 1/4" = 1'-0"

15 CA - LL1 - TLT 245 S. ELEVATION
A817.1 1/4" = 1'-0"

17 CA - LL1 - POLY. WAIT 207 E. ELEVATION
A817.1 1/4" = 1'-0"

20 CA - LL1 - POLY. WAIT 207 / POLYGRAPH ROOM 208 S. ELEVATION
A817.1 1/4" = 1'-0"

14 ENLARGED PLAN - CA - LL1 - POLYGRPH ROOM AND WAITING
A817.1 1/4" = 1'-0"

19 CA - LL1 - POLY. WAIT 207 W. ELEVATION
A817.1 1/4" = 1'-0"

21 CA - LL1 - POLYGRAPH ROOM 208 / 209 W. ELEVATION
A817.1 1/4" = 1'-0"

23 CA - LL1 - POLYGRAPH ROOM 209 N. ELEVATION
A817.1 1/4" = 1'-0"

24 CA - LL1 - POLY. WAIT 207 / POLYGRAPH ROOM 209 N. ELEVATION
A817.1 1/4" = 1'-0"

22 ENLARGED PLAN - CA - GROUND - 7.17 WAITING 333
A817.1 1/4" = 1'-0"

26 CA - GROUND - WAITING 333 EAST ELEVATION
A817.1 1/4" = 1'-0"

27 CA - GROUND - WAITING 333 W. ELEVATION
A817.1 1/4" = 1'-0"

28 CA - GROUND - WAITING 333 N. ELEVATION
A817.1 1/4" = 1'-0"

29 CA - GROUND - WAITING 333 S. ELEVATION
A817.1 1/4" = 1'-0"

3 CA - TYP - QUAD TLTS WET WALL ELEVATION 01
A817.1 1/4" = 1'-0"

4 CA - TYP - QUAD TLTS ELEVATION 02
A817.1 1/4" = 1'-0"

5 CA - TYP - QUAD TLTS ELEVATION 03
A817.1 1/4" = 1'-0"

6 CA - TYP - QUAD TLTS ELEVATION 04
A817.1 1/4" = 1'-0"

10 CA - GROUND - TLT 340 S. ELEVATION
A817.1 1/4" = 1'-0"

11 CA - LL1 - TLT 245 N. ELEVATION
A817.1 1/4" = 1'-0"

17 CA - LL1 - POLY. WAIT 207 E. ELEVATION
A817.1 1/4" = 1'-0"

21 CA - LL1 - POLYGRAPH ROOM 208 / 209 W. ELEVATION
A817.1 1/4" = 1'-0"

25 CA - LL1 - POLYGRAPH ROOM 208 / 209 N. ELEVATION
A817.1 1/4" = 1'-0"

27 CA - GROUND - WAITING 333 W. ELEVATION
A817.1 1/4" = 1'-0"

28 CA - GROUND - WAITING 333 N. ELEVATION
A817.1 1/4" = 1'-0"

29 CA - GROUND - WAITING 333 S. ELEVATION
A817.1 1/4" = 1'-0"

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

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 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 OVER NEW CAUTION

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	40" SHOWER ROD, FINISH: BLACK
SS	SHOWER SEAT, PER ADA, FINISH: PHENOLIC

KEY PLAN



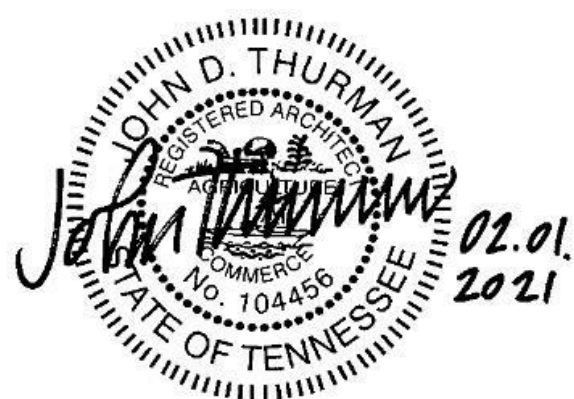
Project Information:

19018

COK PUBLIC SAFETY COMPLEX

900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:
Architects Design Group

ISSUE DATE
2 ADD #2.1 02/17/21

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

Drawing Info:

A817.2

CA - ENLARGED PLANS AND ELEVATIONS LL1 AND GROUND - POLICE

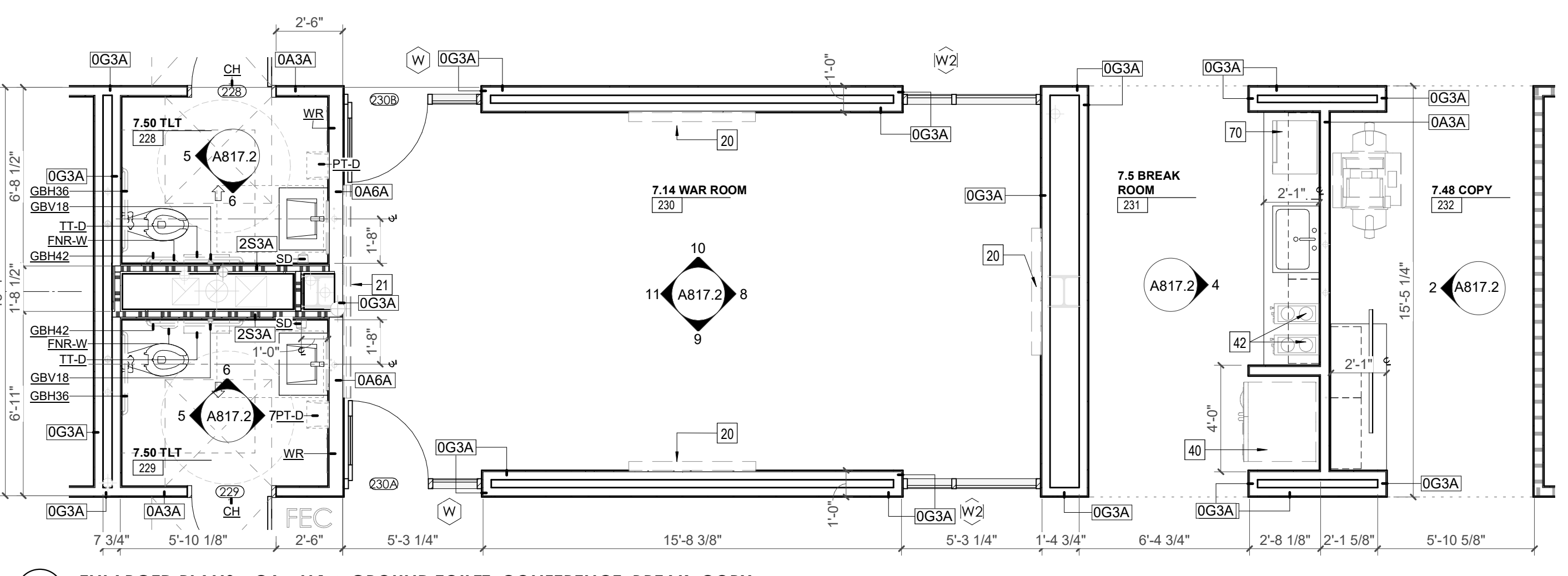
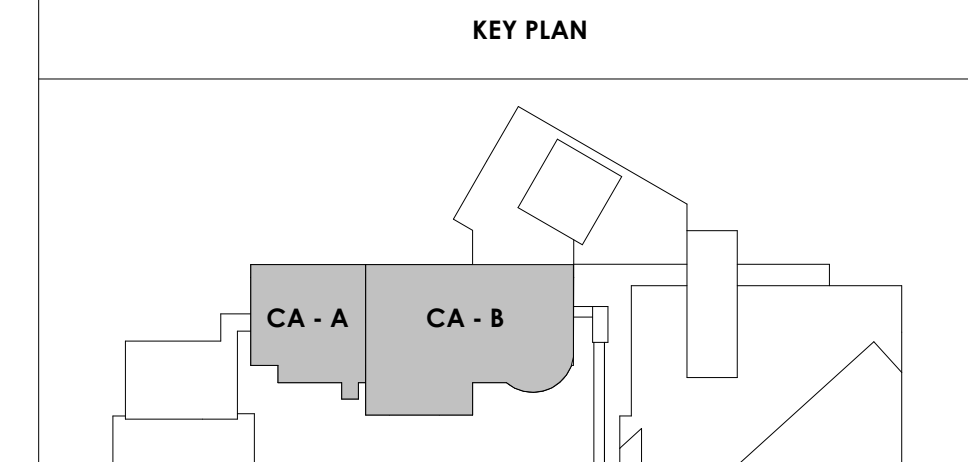
REFLECTED CEILING PLAN LEGEND	
	24" x 24" ACOUSTICAL CEILING TILE GRID 44" x 48" ACOUSTICAL CEILING TILE GRID
	GYPSUM BOARD CEILING
	WOOD PANEL CEILING
	EIFS SOFFIT
	CEILING TYPE INDICATOR
	CEILING HEIGHT AFF
	CEILING TYPE INDICATOR
CEILING TYPES:	
	GYP: GYPSUM BOARD CEILING
	ACT: ACOUSTICAL TILE CEILING
	MTL: METAL PANEL SOFFIT
	EXP: EXPOSED TO STRUCTURE
	4" DIA. RECESSED CAN LIGHT
	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

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

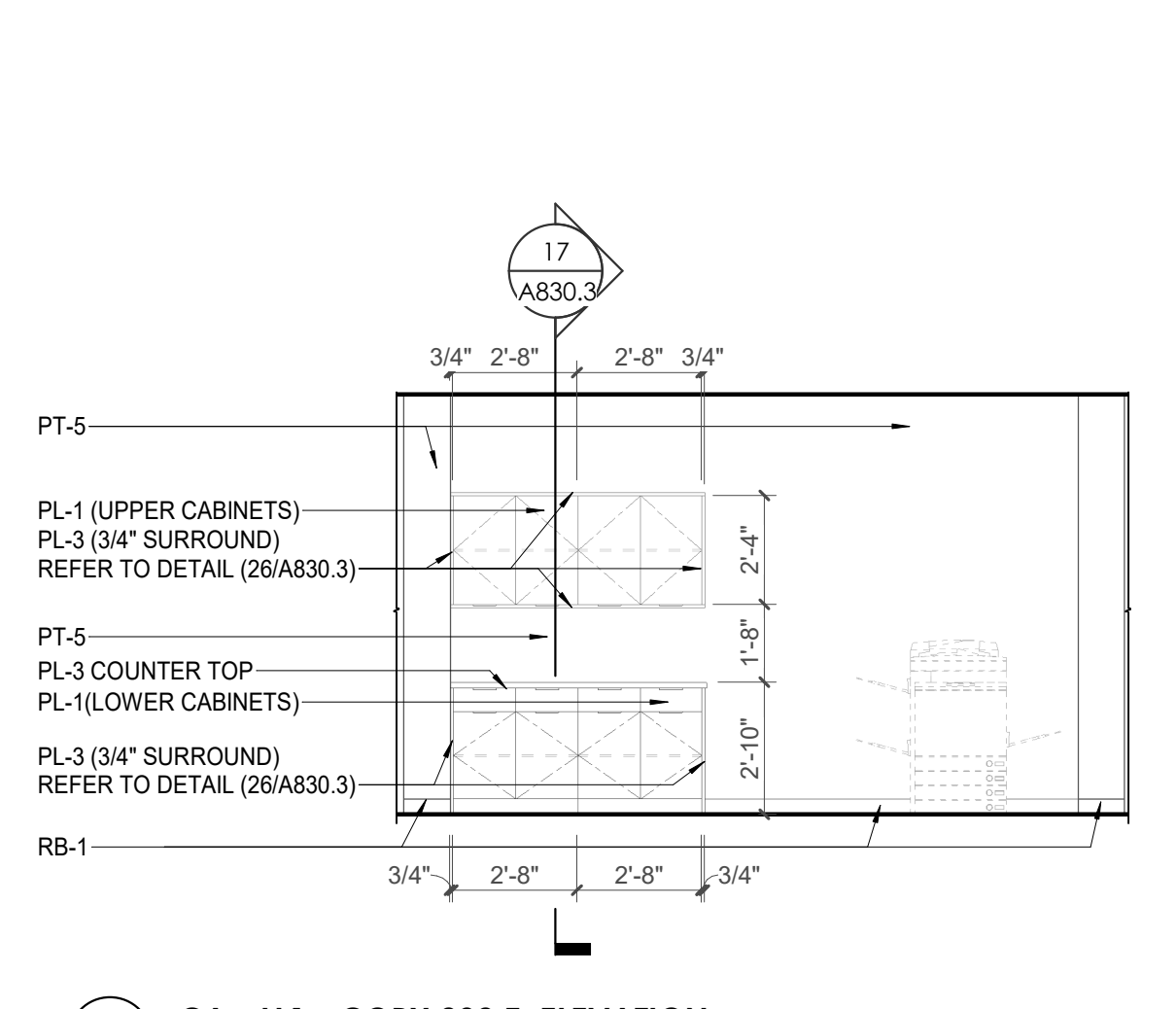
KEYNOTES - FLOOR PLANS	
TAG	TEXT
1	SOFFIT ABOVE (DASHED)
2	EXISTING EGRESS STAIR TO REMAIN - PREP & PAINT EXISTING HANDRAILS, STAIR, & WALLS TO REMAIN
3	EXISTING ELEVATOR TO BE MODIFIED/REPLACED AS REQUIRED TO REACH ALL FOUR (4) FLOORS. SEE ELEVATOR PLANS & DETAILS SHEET FOR INFO.
4	EXISTING ELEVATOR - 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	NEW LOW WATER COOLER
35	OWNER PROVIDED HIGH DENSITY MOBILE STORAGE SYSTEM AND OVERHEAD COILING DOOR
36	6" DEEP SHELF
37	ABANDON EXISTING ELEVATOR
38	EXISTING FULL HEIGHT SHANDREL PANEL
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
41	OWNER PROVIDED REFRIGERATOR, 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.
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.
72	EXISTING ELEVATOR - TO BE ABANDONED. WELD DOORS SHUT AND INFILL OPENING WITH METAL STUD FRAMING.

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 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 OVERHEAD CAVITY

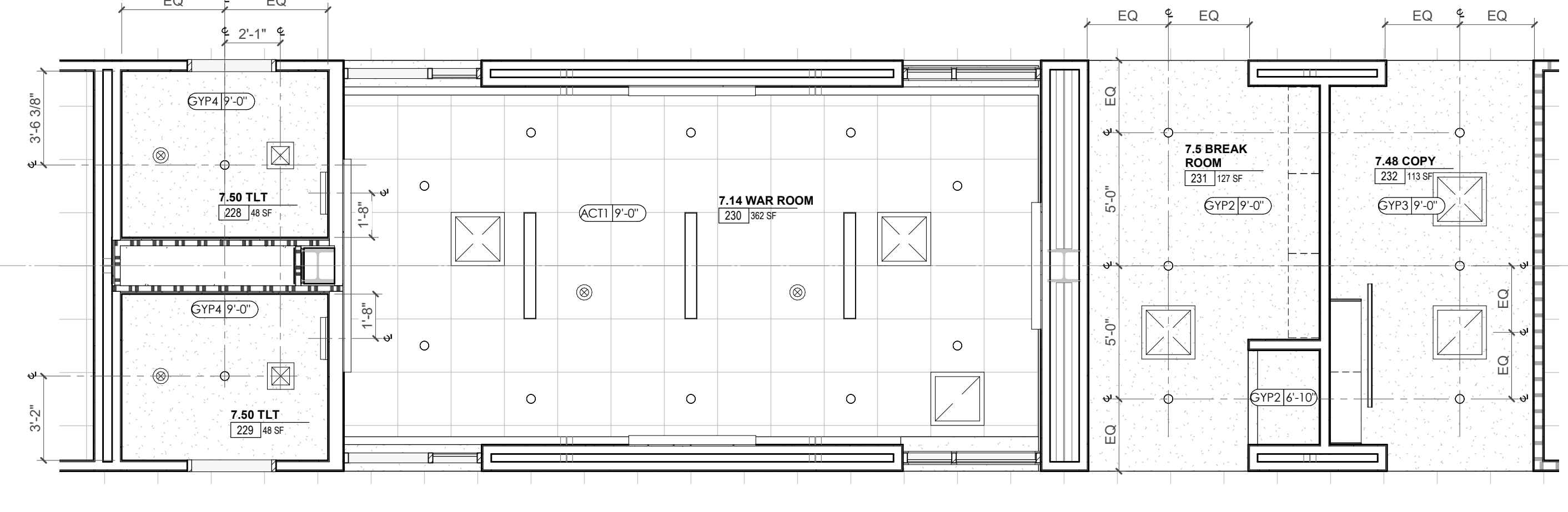
TOILET ACCESSORIES LEGEND	
MARK	DESCRIPTION
GBH42	42" HORIZONTAL GRAB BAR, ADA, COLOR: STAINLESS STEEL
GBH36	36" HORIZONTAL GRAB BAR, ADA, COLOR: STAINLESS STEEL
GBV18	18" VERTICAL GRAB BAR, ADA, COLOR: STAINLESS STEEL
MR-01	24" x 36" MIRROR, BLACK FRAME
MR-02	LOCKER ROOM FRAMLESS MIRROR
FNR-S	FEMININE 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



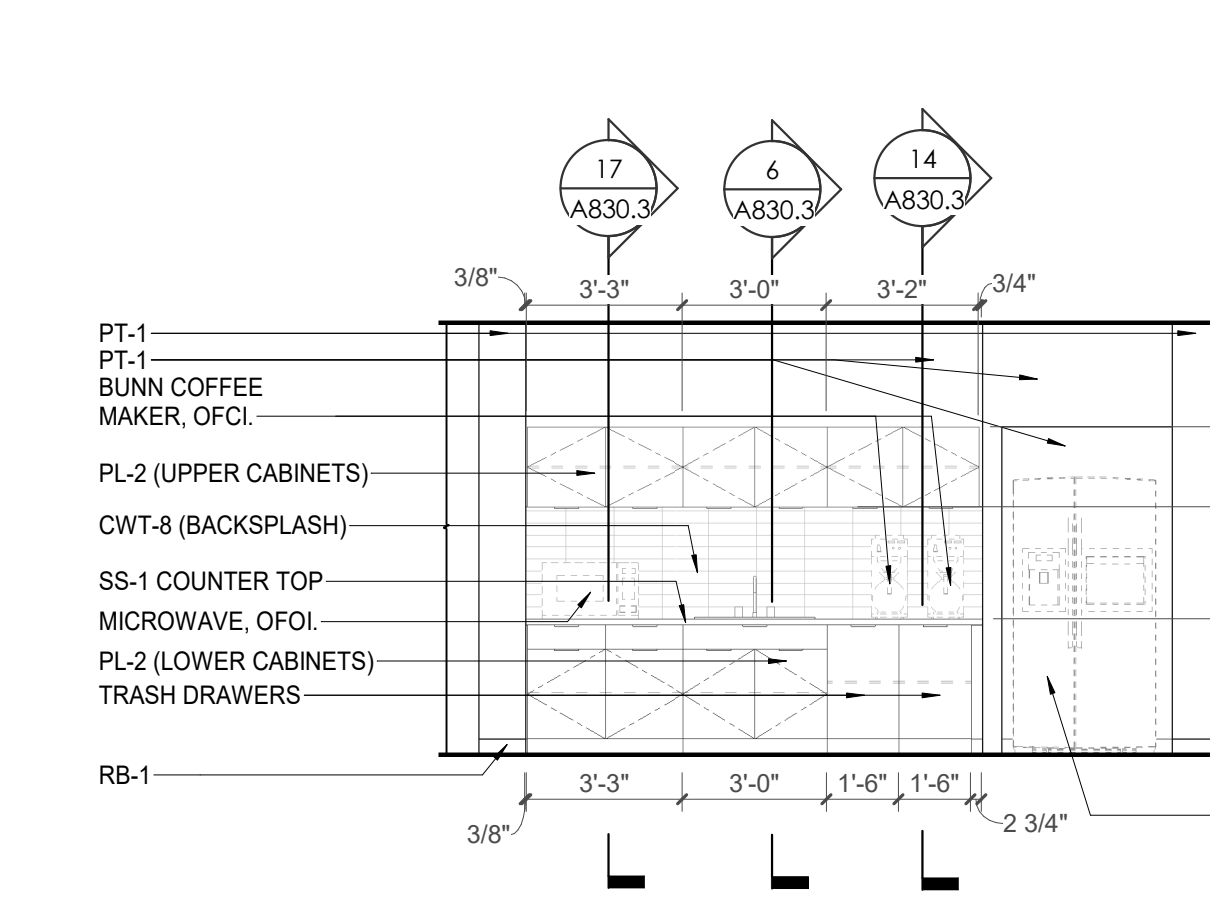
1 ENLARGED PLANS - CA - LL1 & GROUND TOILET, CONFERENCE, BREAK, COPY
1/4" = 1'-0"



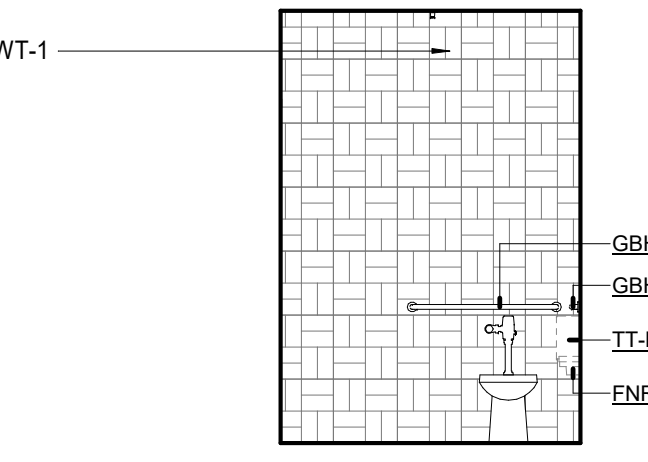
2 CA - LL1 - COPY 232 E. ELEVATION
1/4" = 1'-0"



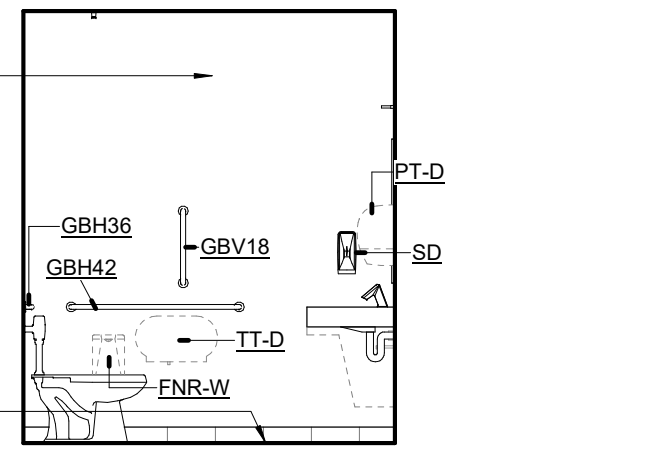
3 ENLARGED RCP - CA - LL1 & GROUND TOILET, CONFERENCE, BREAK, COPY
1/4" = 1'-0"



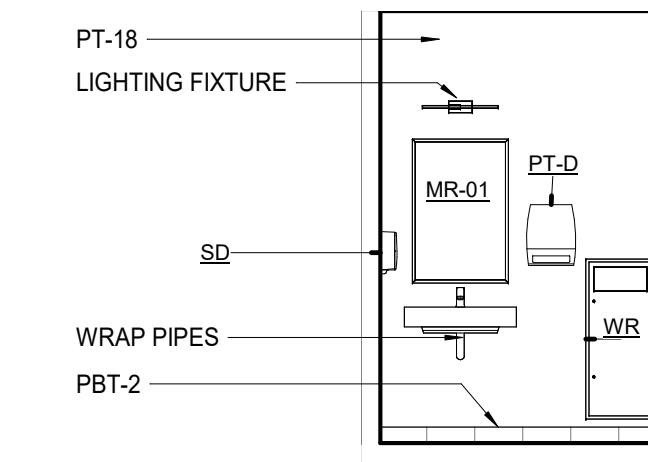
4 CA - LL1 - BREAK ROOM 231 E. ELEVATION
1/4" = 1'-0"



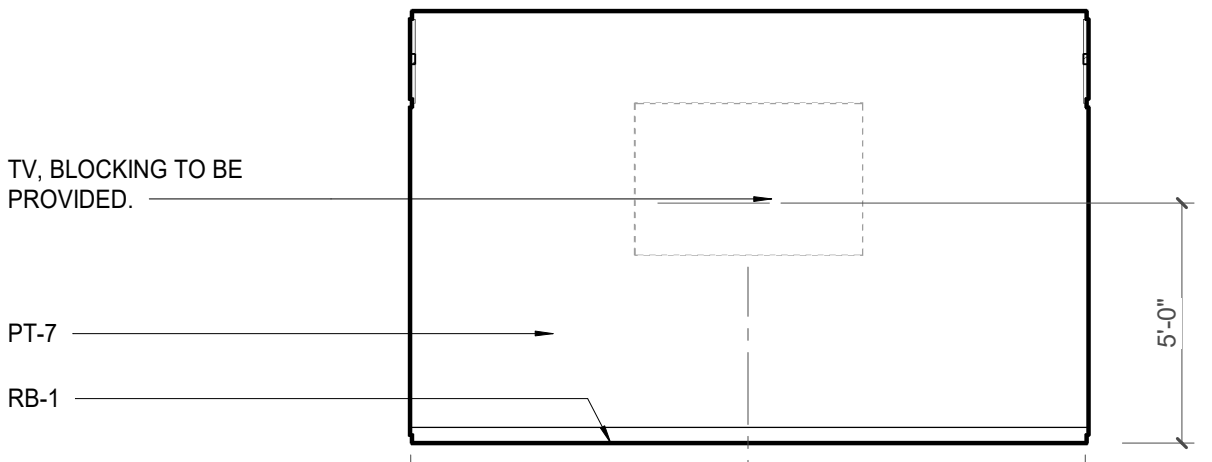
5 CA - TYP - TLTS 228, 229, 321 & 320 ELEVATION 01 WET WALL
1/4" = 1'-0"



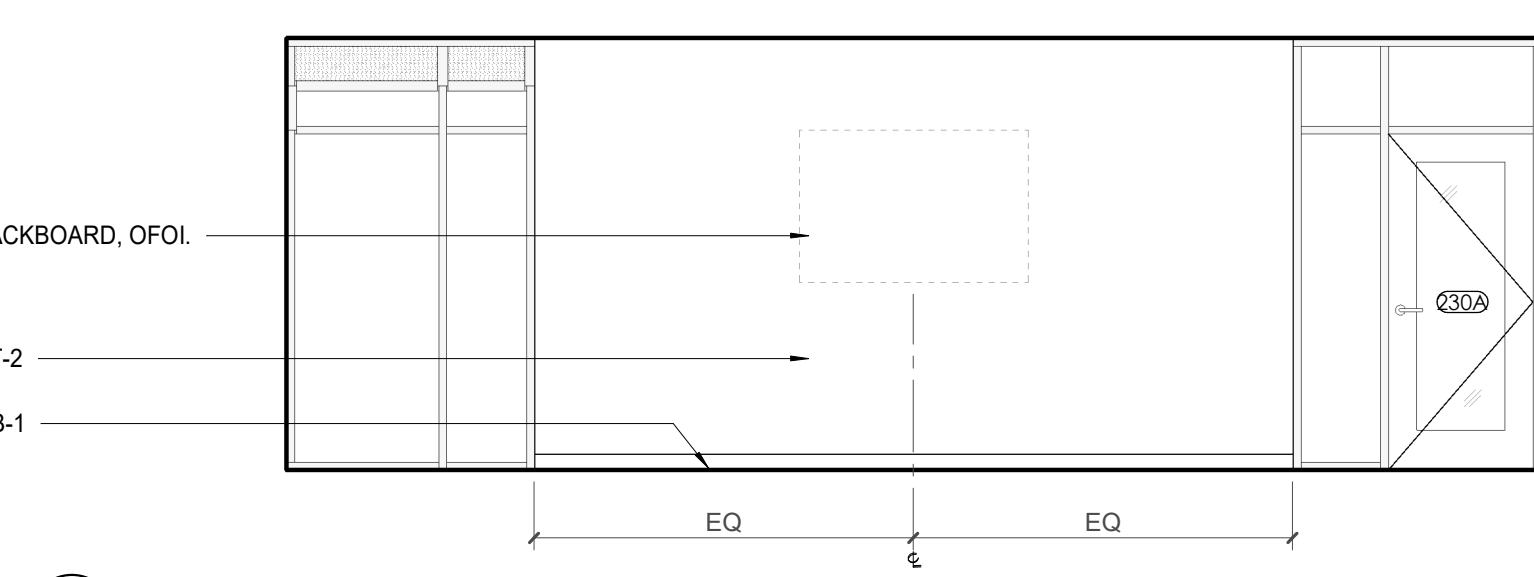
6 CA - TYP - TLTS 228, 229, 321 & 320 ELEVATION 02
1/4" = 1'-0"



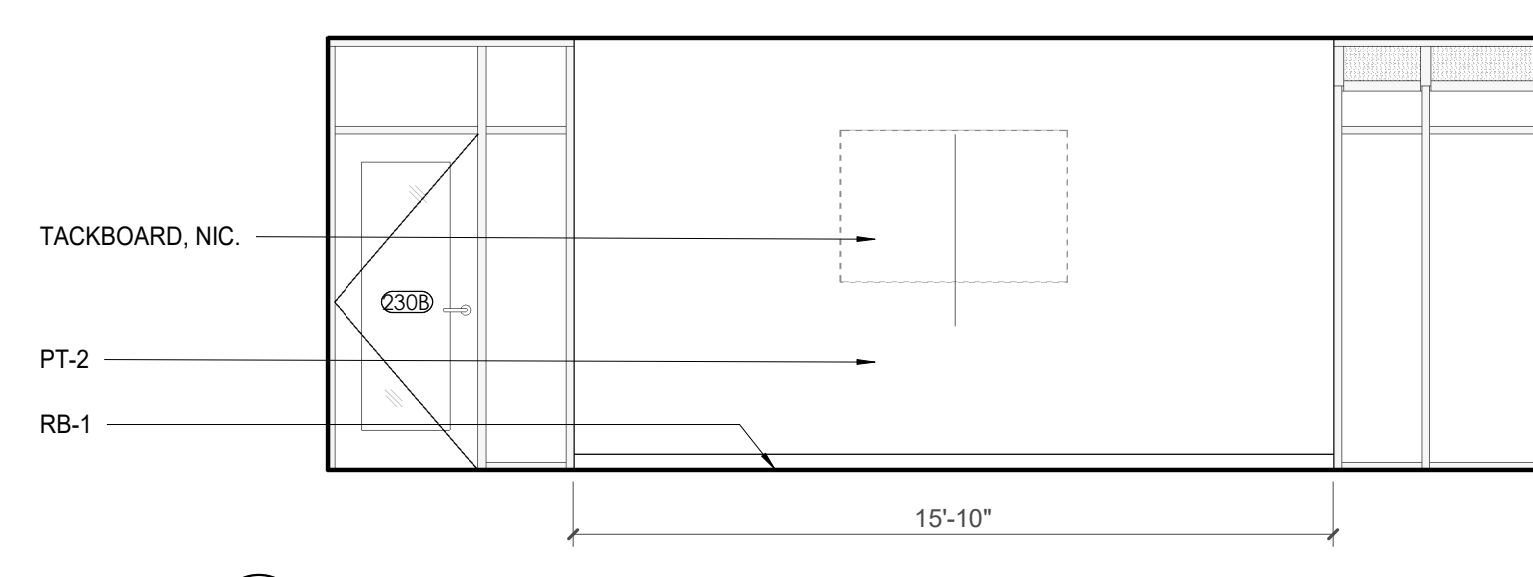
7 CA - TYP - TLTS 228, 229, 321 & 320 ELEVATION 03
1/4" = 1'-0"



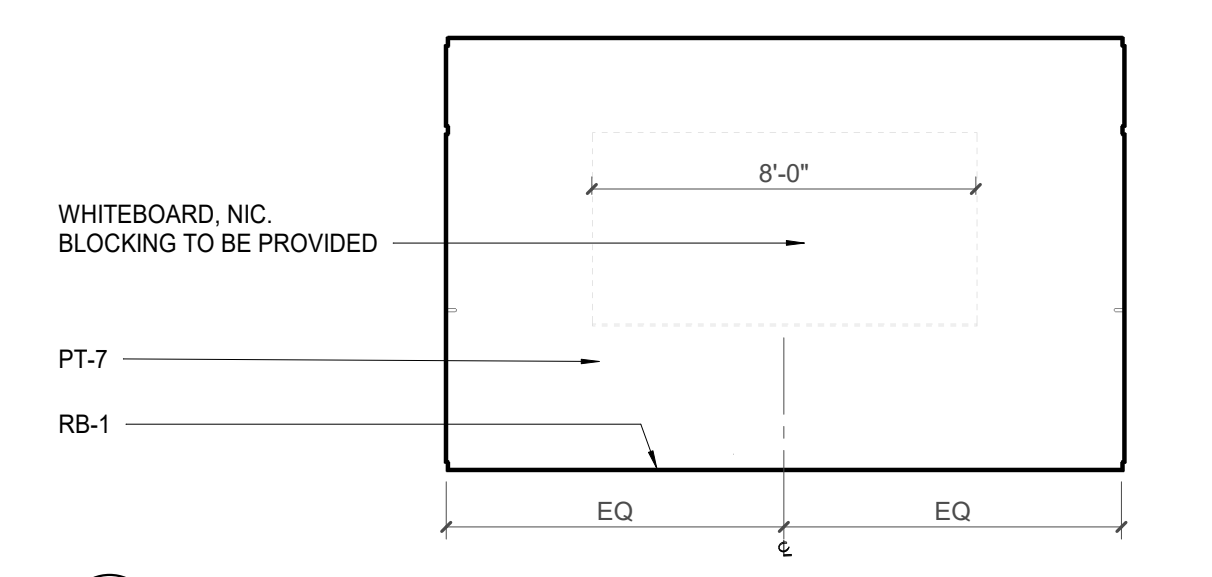
8 CA - TYP - LL1 & GROUND CONFERENCE ROOM E. ELEVATION
1/4" = 1'-0"



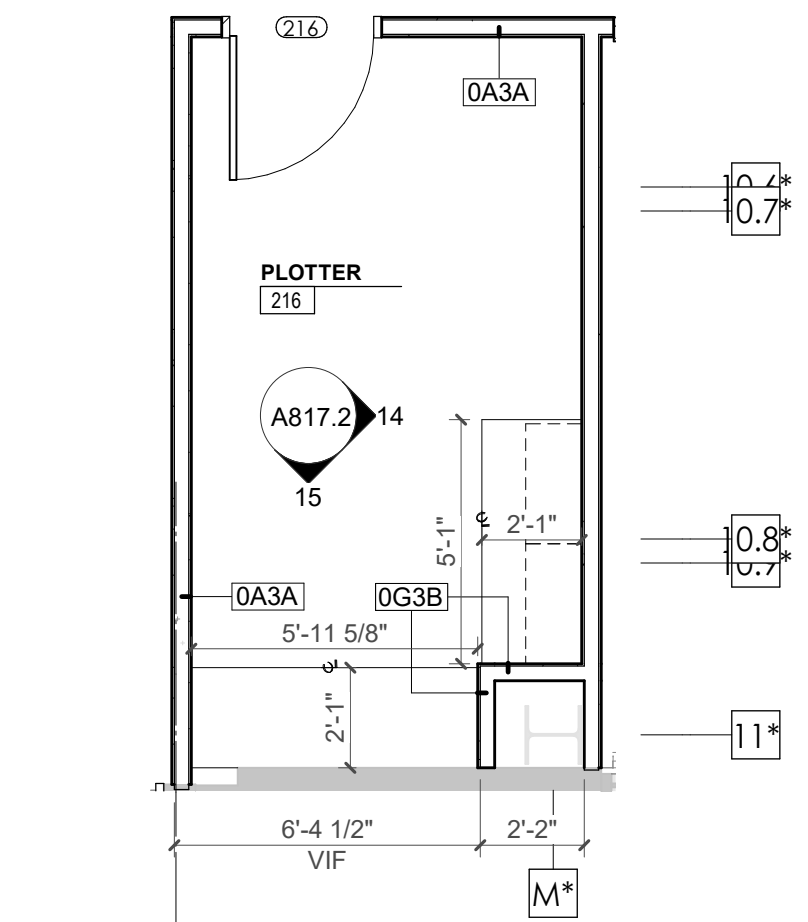
9 CA - TYP - LL1 & GROUND CONFERENCE ROOM S. ELEVATION
1/4" = 1'-0"



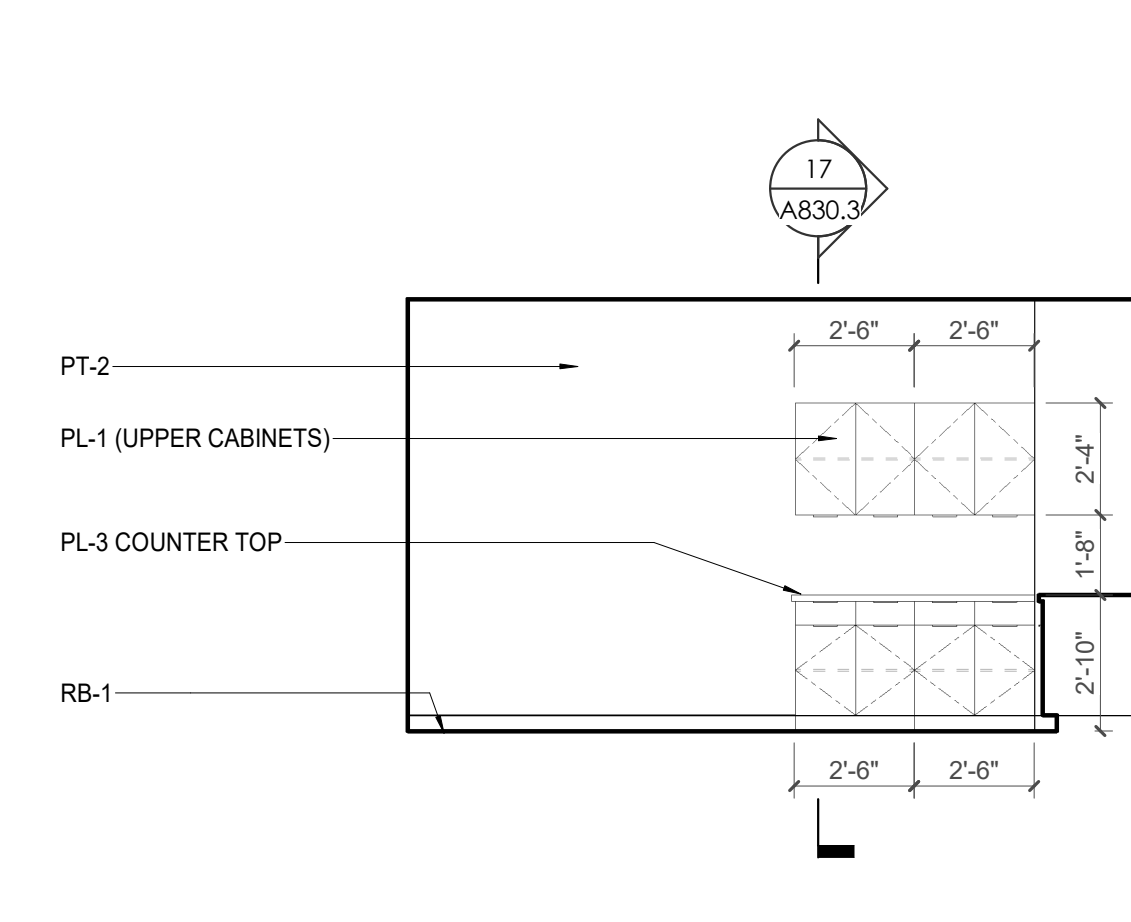
10 CA - TYP - LL1 & GROUND CONFERENCE ROOM N. ELEVATION
1/4" = 1'-0"



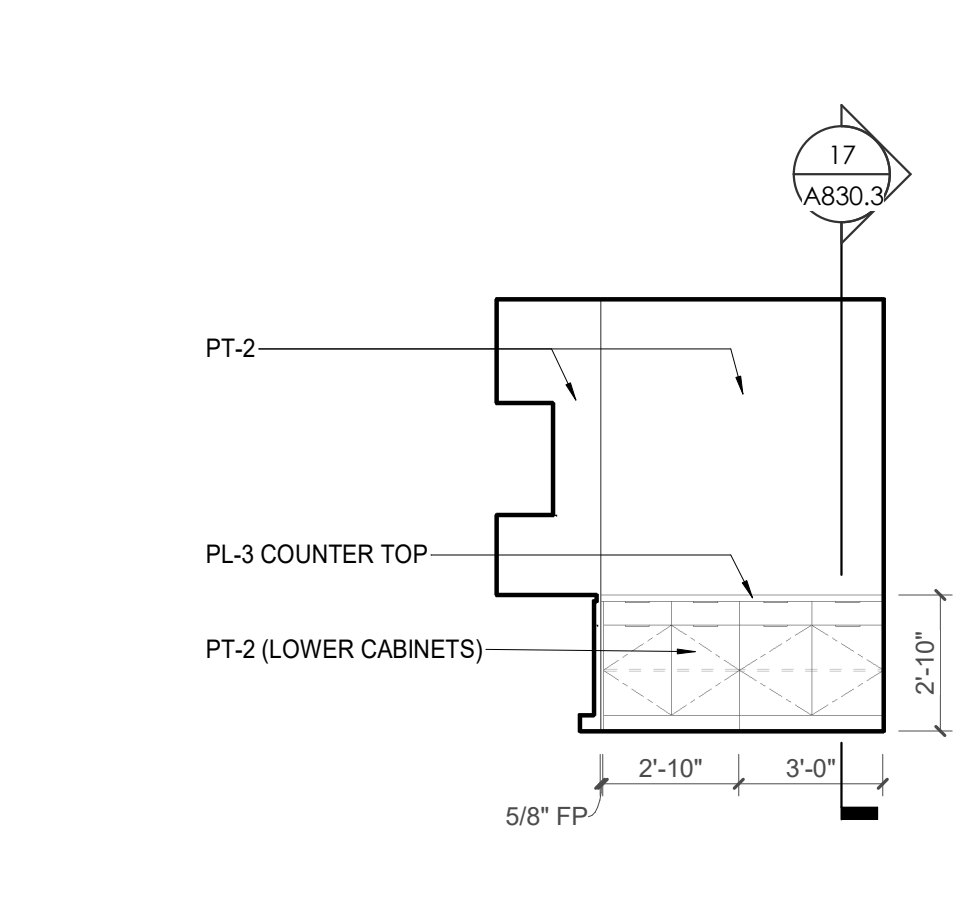
11 CA - TYP - LL1 & GROUND CONFERENCE ROOM W. ELEVATION
1/4" = 1'-0"



13 ENLARGED PLAN - CA - LL1 PLOTTER 216
1/4" = 1'-0"



14 CA - LL1 - PLOTTER 216 E. ELEVATION
1/4" = 1'-0"



15 CA - LL1 - PLOTTER 216 S. ELEVATION
1/4" = 1'-0"



Project Information:

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Drawn By:	Author
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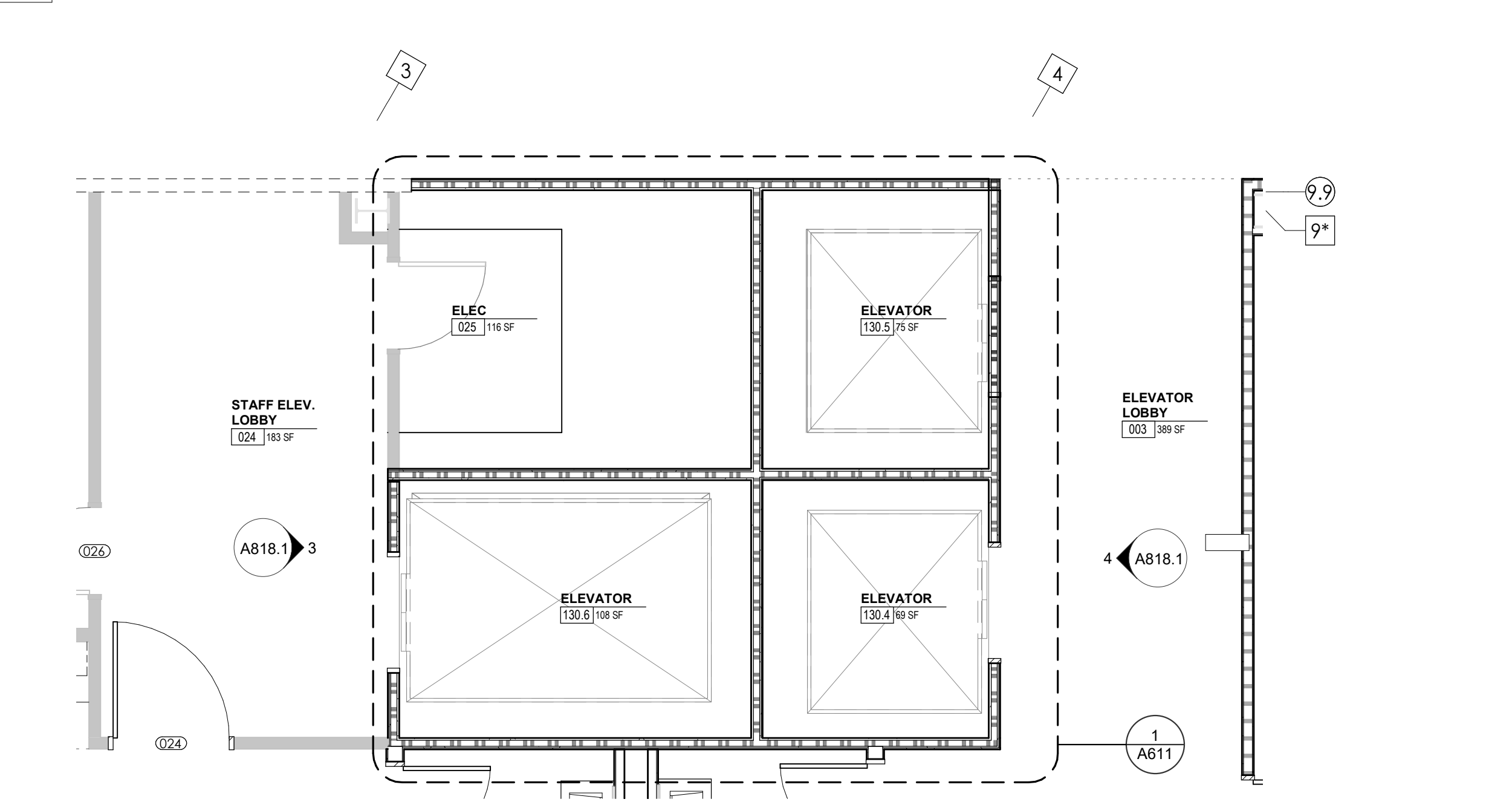
CA - ENLARGED PLANS AND ELEVATIONS
ELEVATOR LOBBIES

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 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

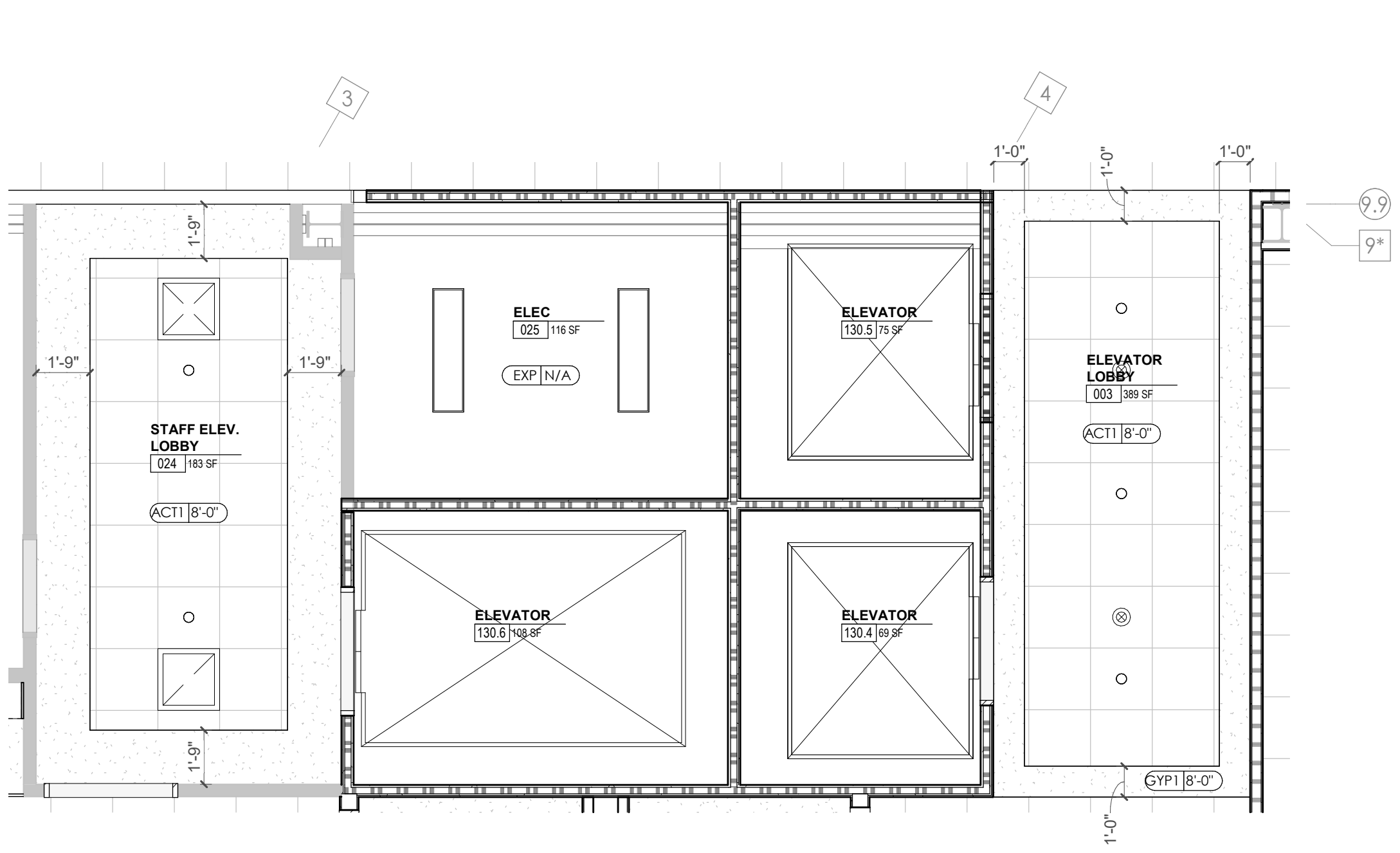
WALL LEGEND	
	2 HR PARTITION (ASSEMBLY VARIES)
	1 HR PARTITION (ASSEMBLY VARIES)
	BALLISTIC LEVEL 3 PARTITION (ASSEMBLY VARIES)
	NEW PARTITION (ASSEMBLY VARIES)
	EXISTING PARTITION
	EXISTING PARTITION TO BE DEMOLISHED

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	NEW LOW WATER COOLER
35	OWNER PROVIDED HIGH DENSITY MOBILE STORAGE SYSTEM AND CUBICLE PARTITION
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 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 TRANSLUCENT FILM TO INSIDE FACE OF GLAZING
50	IMPACT RESISTANT STEEL BOLLARD, GENERAL LOCATION SHOWN, COORDINATE LOCATION IN FIELD
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.
72	EXISTING ELEVATOR - TO BE ABANDONED. WELD DOORS SHUT AND INFILL OPENING WITH METAL STUD FRAMING

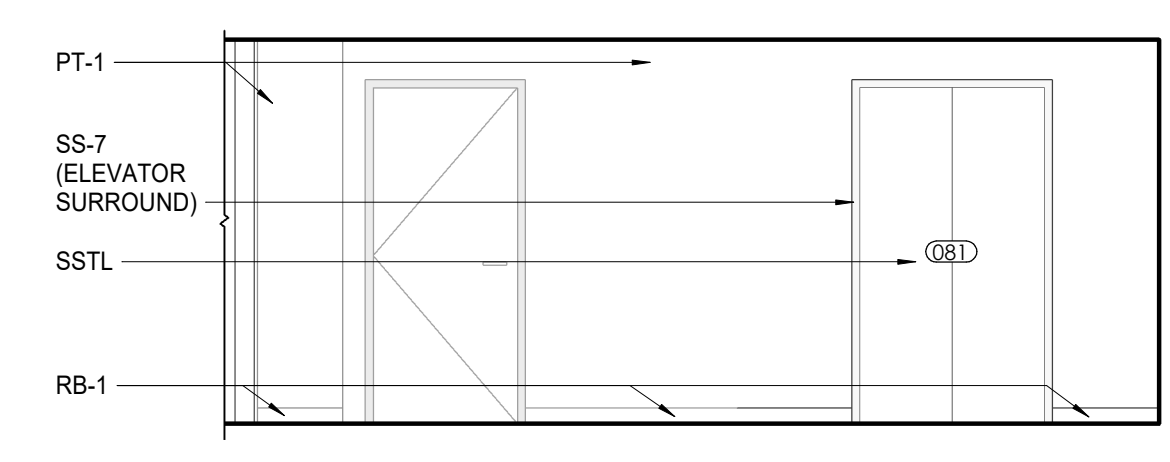
KEYNOTES - REFLECTED CEILING PLAN	
Tag	Text
1	6" PREFINISHED ALUMINUM TRIM AT PERIMETER
4	6" INTEGRATED ALUMINUM TECHZONE CHANNEL - LIGHTING AND MECHANICAL SUPPLY/RETURN
3	OPERABLE WALL PARTITION
4	ROLLER WINDOW SHADES AT ALL EXTERIOR WORKSPACE WINDOWS - TYP
5	GYP. BD. SOFFIT AT PERIMETER
6	6" PREFORMED 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-9 BATT INSULATION IN OVERHANG CAVITY



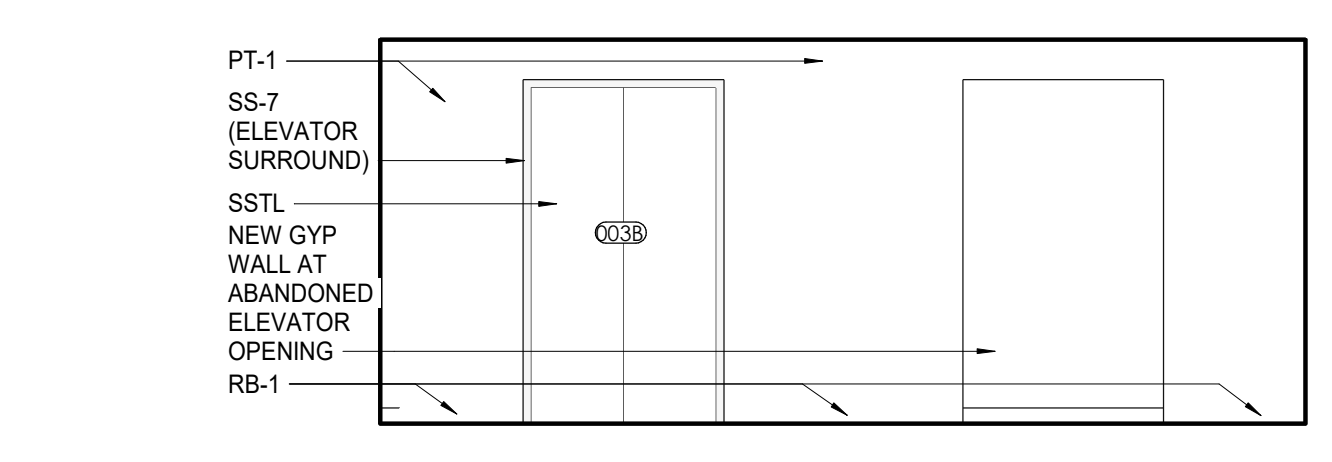
1 ENLARGED PLAN - CA-LL3 - ELEVATOR LOBBIES
A818.1 1/4" = 1'-0"



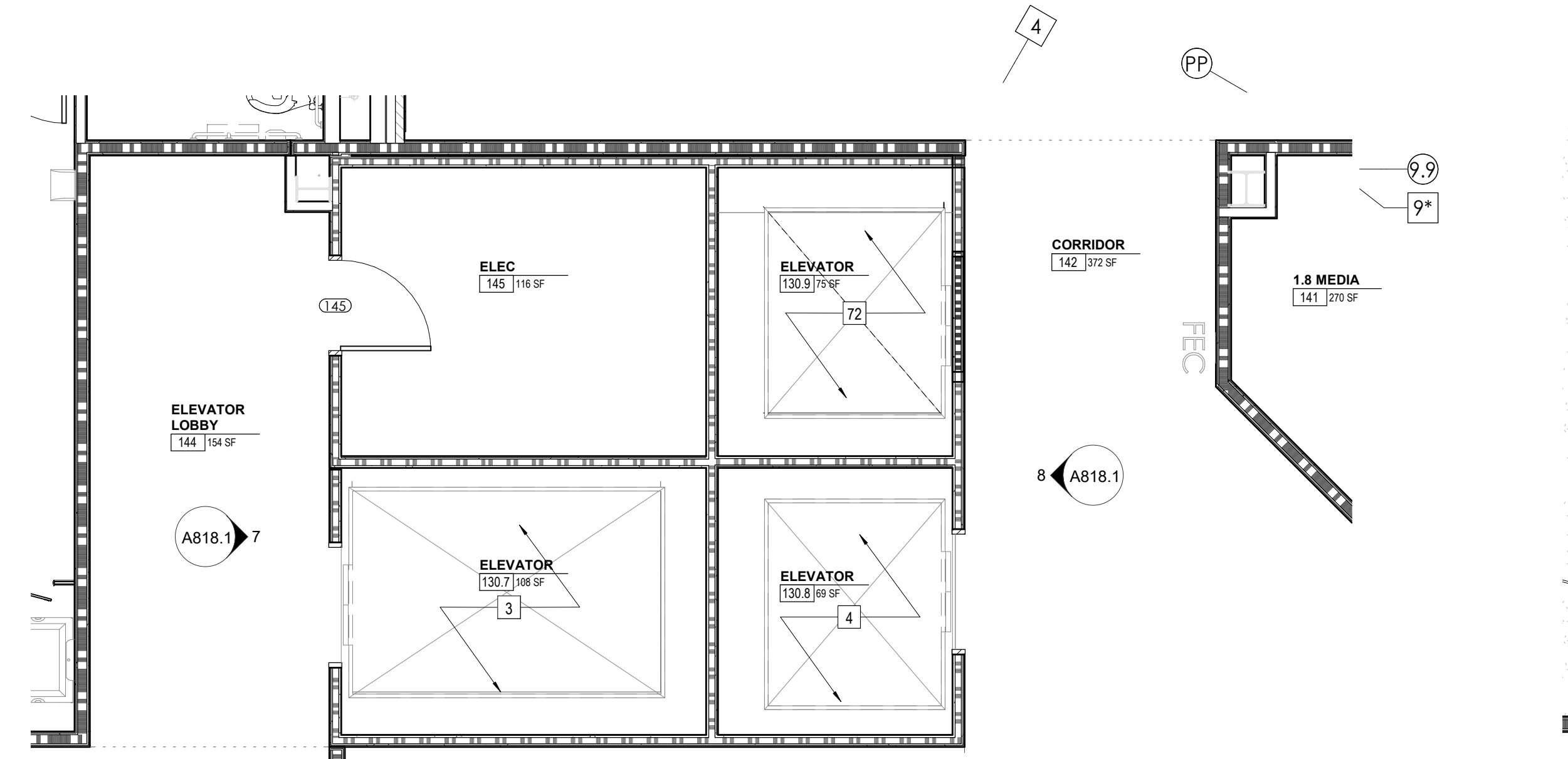
2 ENLARGED RCP - CA-LL3 - ELEVATOR LOBBIES
A818.1 1/4" = 1'-0"



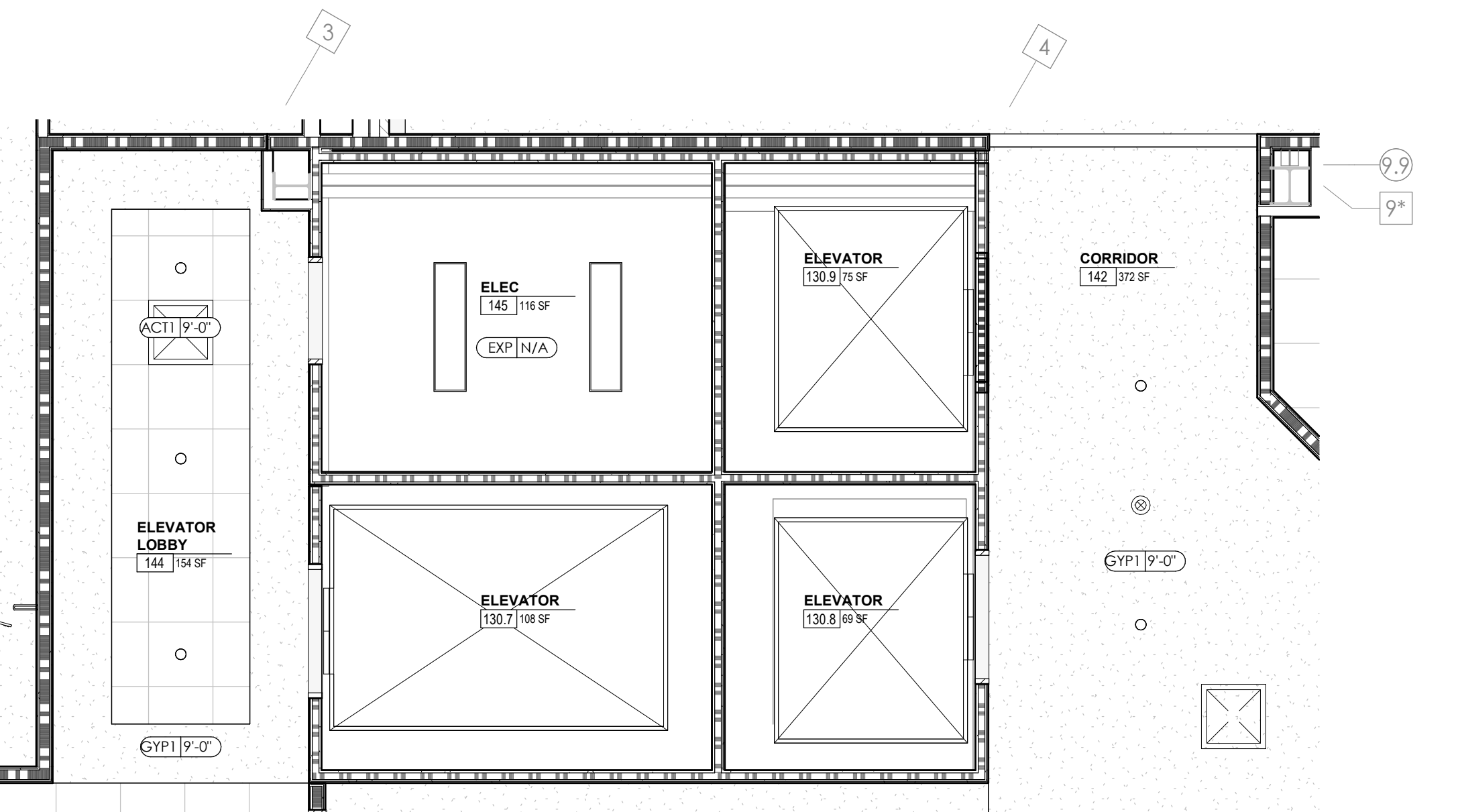
3 CA-LL3 - STAFF ELEVATOR LOBBY 024 E. ELEVATION
A818.1 1/4" = 1'-0"



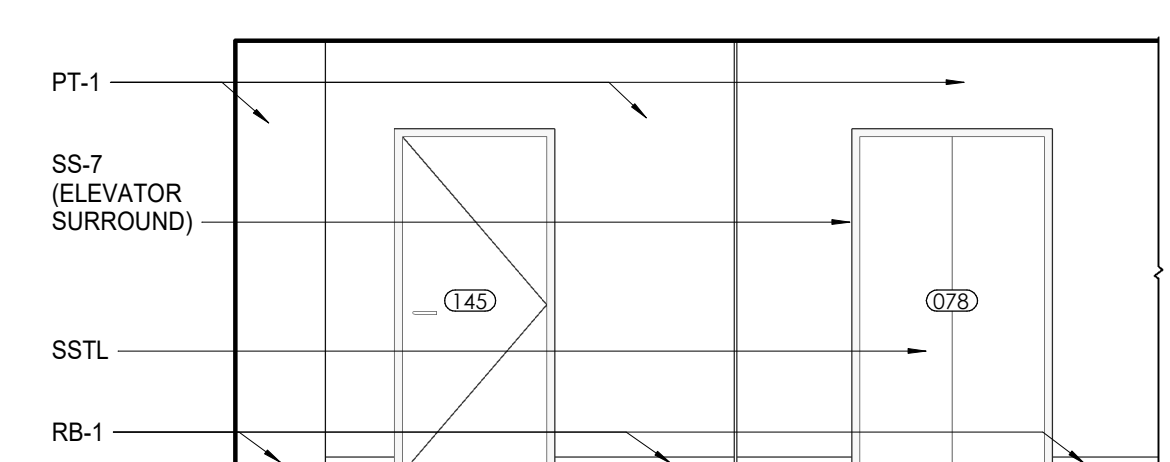
4 CA-LL3 - ELEVATOR LOBBY 003 W. ELEVATION
A818.1 1/4" = 1'-0"



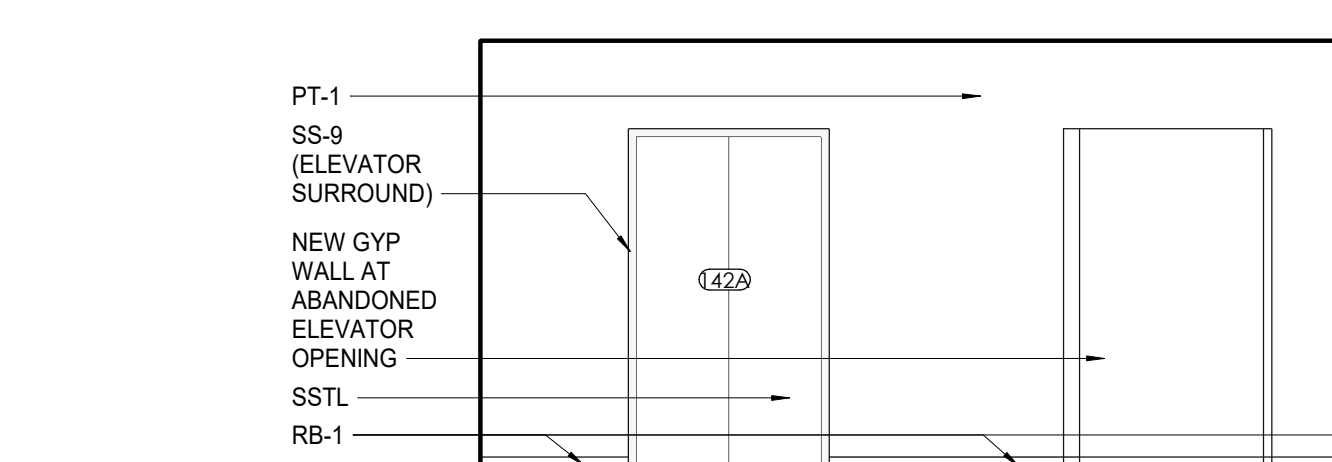
5 ENLARGED PLAN - CA-LL2 - ELEVATOR LOBBIES
A818.1 1/4" = 1'-0"



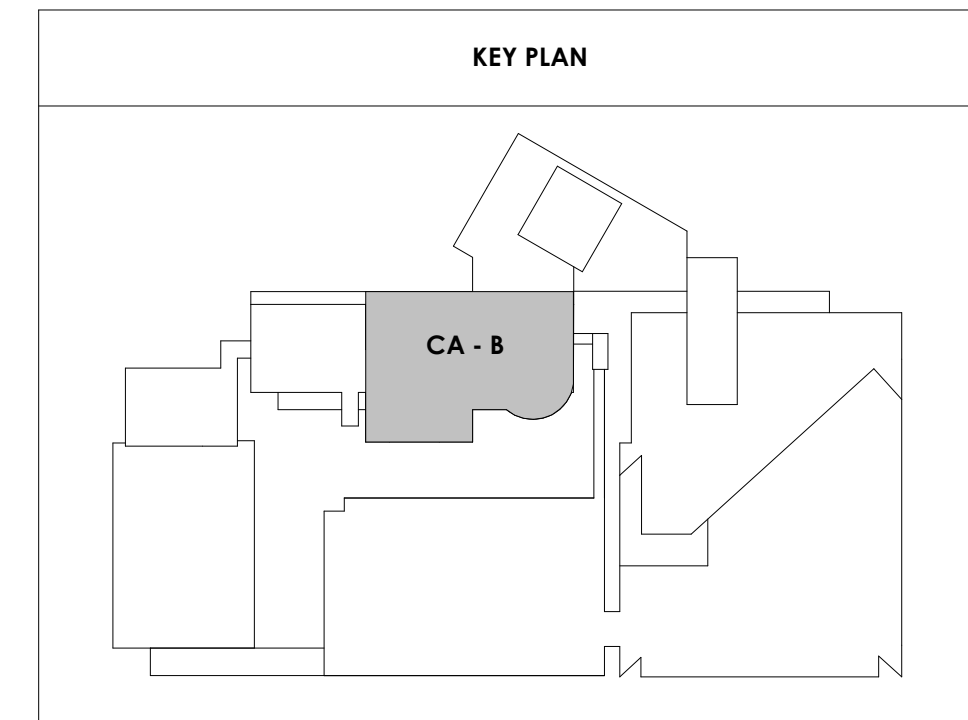
6 ENLARGED RCP - CA-LL2 - ELEVATOR LOBBIES
A818.1 1/4" = 1'-0"



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 #2.1	02/17/21

Issue Date: FEBRUARY 01, 2021
 PIC: 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 EXT 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

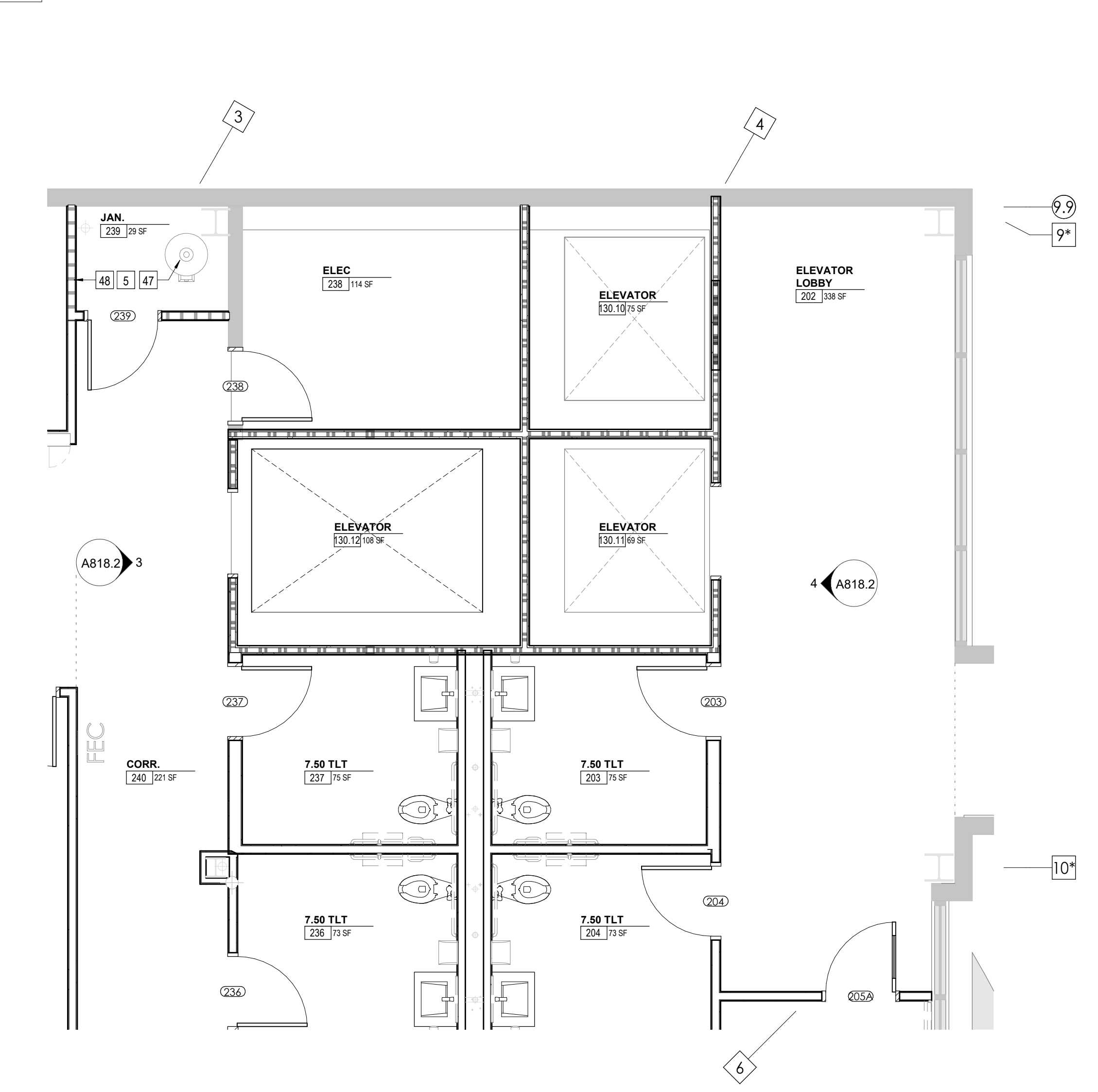
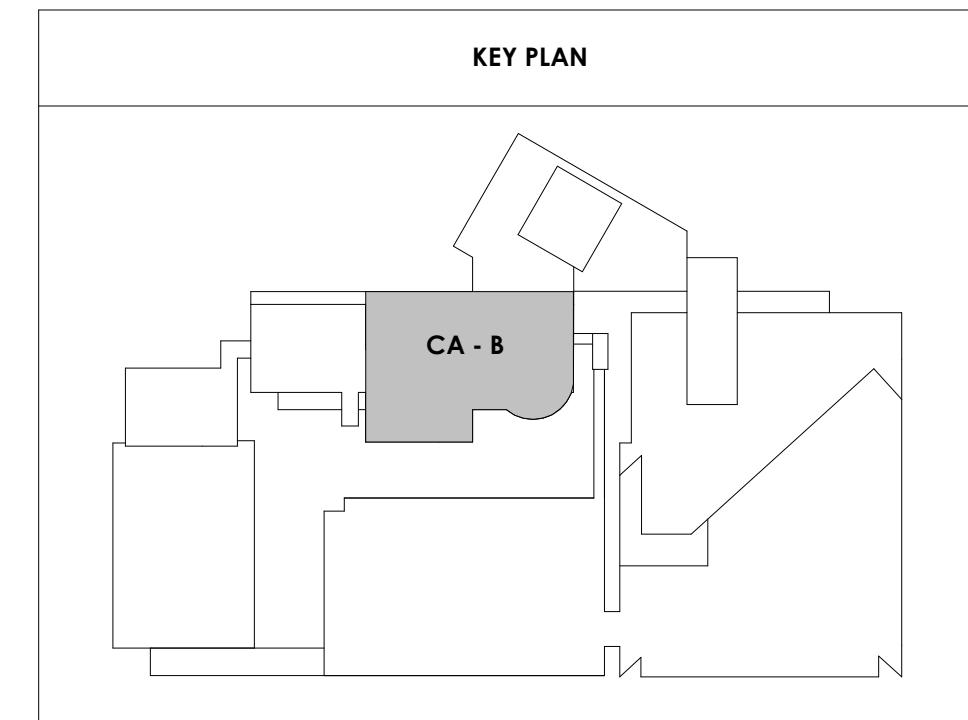
Tag	Text
1	6" PREFINISHED ALUMINUM TRIM AT PERIMETER
2	6" INTEGRATED ALUMINUM TECHZONE CHANNEL - LIGHTING AND MECHANICAL SUPPLY/RETURN
3	OPERABLE WALL PARTITION
4	ROLLER WINDOW SHADES AT ALL EXTERIOR WORKSPACE WINDOWS - TYP
5	GYP. BD. SOFFIT AT PERIMETER
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11	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.
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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

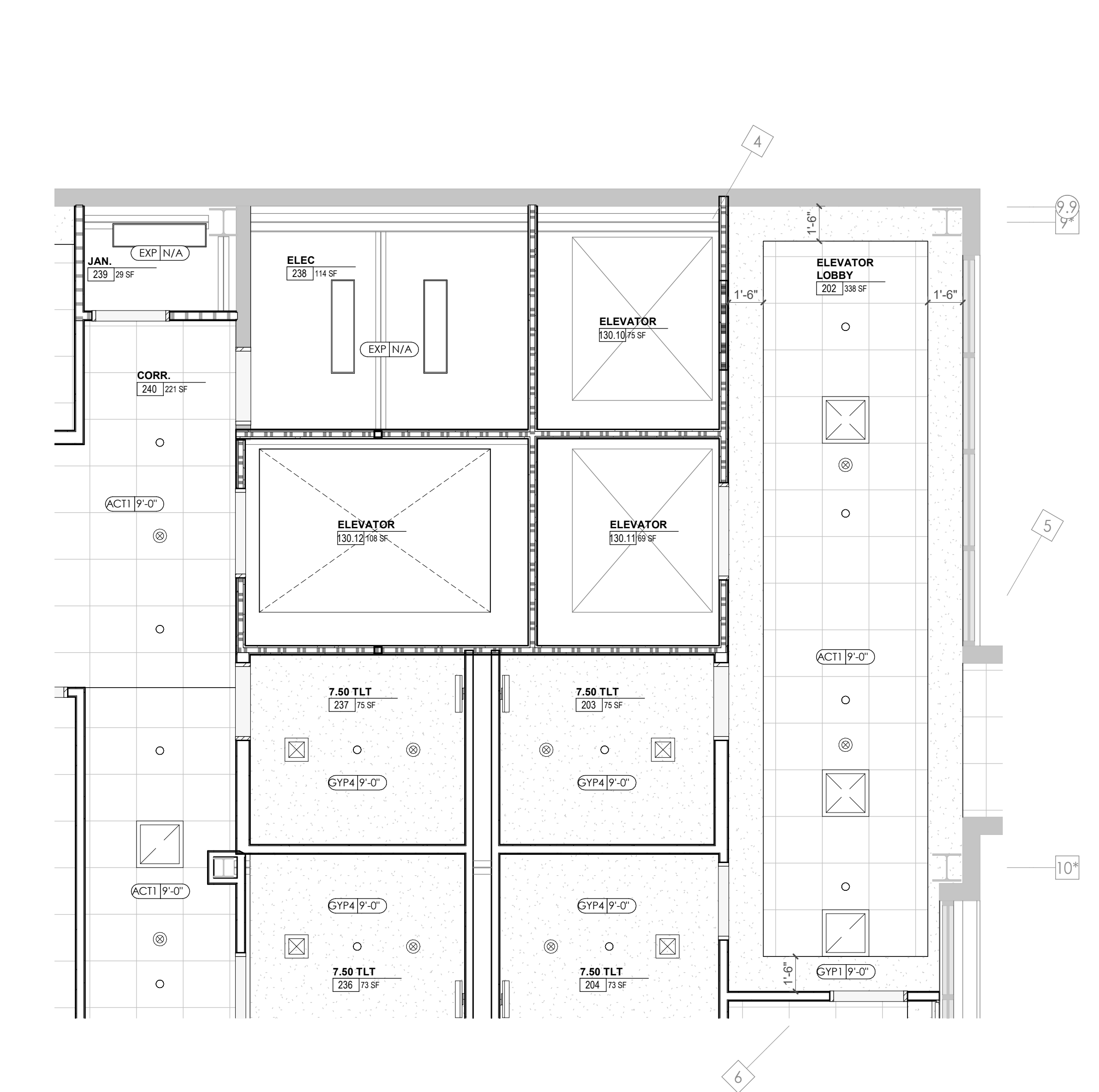
	2 HR PARTITION (ASSEMBLY VARIES)
	1 HR PARTITION (ASSEMBLY VARIES)
	BALLISTIC LEVEL 3 PARTITION (ASSEMBLY VARIES)
	NEW PARTITION (ASSEMBLY VARIES)
	EXISTING PARTITION
	EXISTING PARTITION TO BE DEMOLISHED

KEYNOTES - FLOOR PLANS

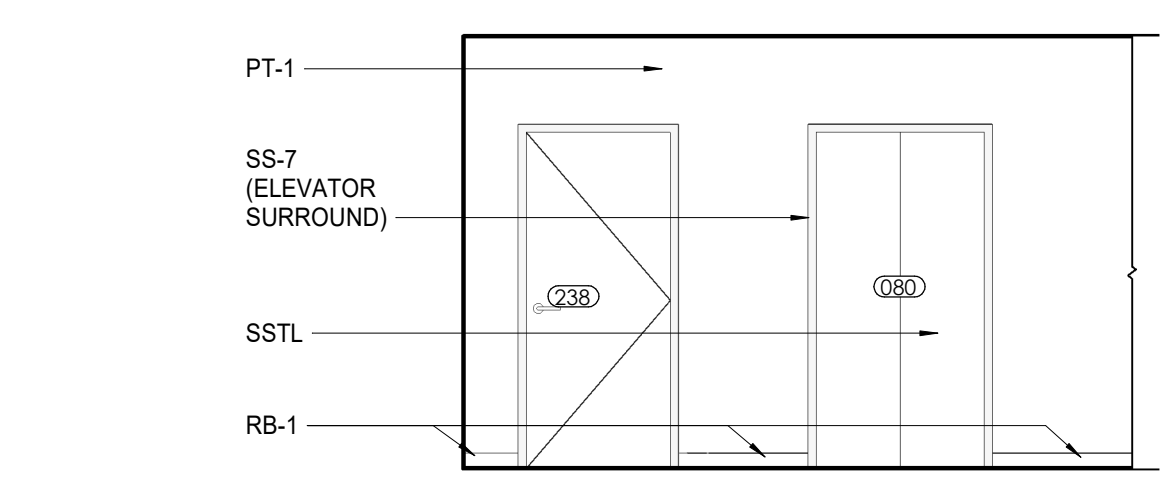
TAG	TEXT
1	SOFFIT ABOVE (DASHED)
2	EXISTING EGRESS STAIR TO REMAIN - PREP & PAINT EXISTING HANDRAILS, STAIR, & WALLS TO REMAIN
3	EXISTING ELEVATOR TO BE MODIFIED/REPLACED AS REQUIRED TO REACH ALL FOUR (4) FLOORS. SEE ELEVATOR PLANS & DETAILS SHEET FOR INFO.
4	EXISTING ELEVATOR - REFURBISH EQUIPMENT & 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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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)
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19	OWNER PROVIDED COPIER - N.I.C.
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21	PROVIDE REQ. BLOCKING FOR ALL MARKER BOARD LOCATIONS
22	KNOX BOX (RECESSED)
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26	18" DEEP BOOKSHELVES
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32	OPERABLE FOLDING PARTITION
33	NEW DROP BOX
34	NEW LOW WATER COOLER
35	OWNER PROVIDED HIGH DENSITY MOBILE STORAGE SYSTEM AND OVERHEAD 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 AUTHUS BY C.R. LAURENCE
40	OWNER PROVIDED REFRIGERATOR, 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 TRANSLUCENT FILM TO INSIDE FACE OF GLAZING
50	IMPACT RESISTANT STEEL BOLLARD, GENERAL LOCATION SHOWN, COORDINATE LOCATION IN FIELD.
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 BARGE 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
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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
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72	EXISTING ELEVATOR - TO BE ABANDONED. WELD DOORS SHUT AND INFILL OPENING WITH METAL STUD FRAMING.



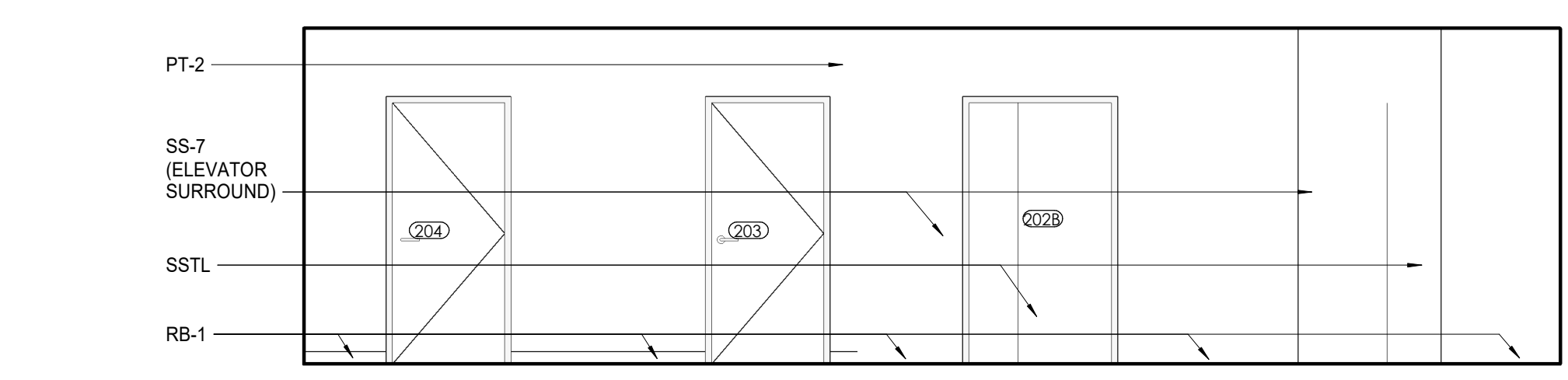
1 ENLARGED PLAN - CA - LL1 & GROUND TYP. ELEVATOR LOBBIES
A818.2 1/4" = 1'-0"



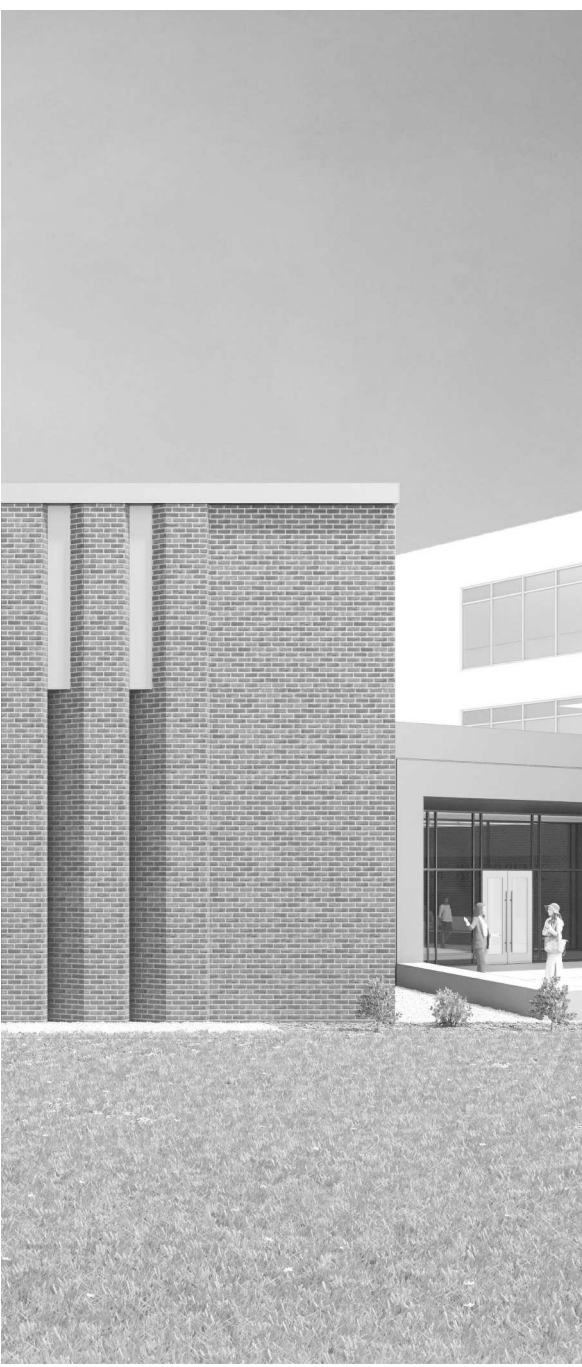
2 ENLARGED RCP - CA - LL1 & GROUND TYP. ELEVATOR LOBBIES
A818.2 1/4" = 1'-0"



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"



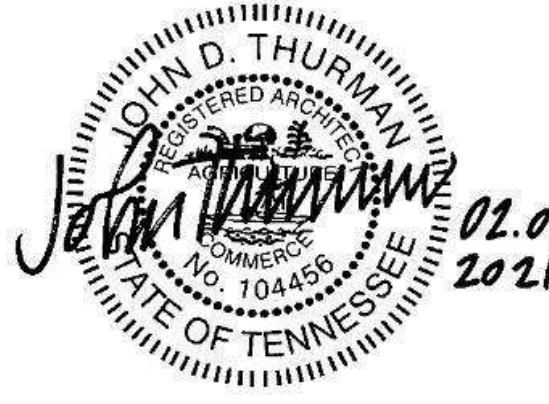
Project Information:

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

Issue Date: FEBRUARY 1, 2021

PKC DAVID COLLINS

PM JOHN THURMAN

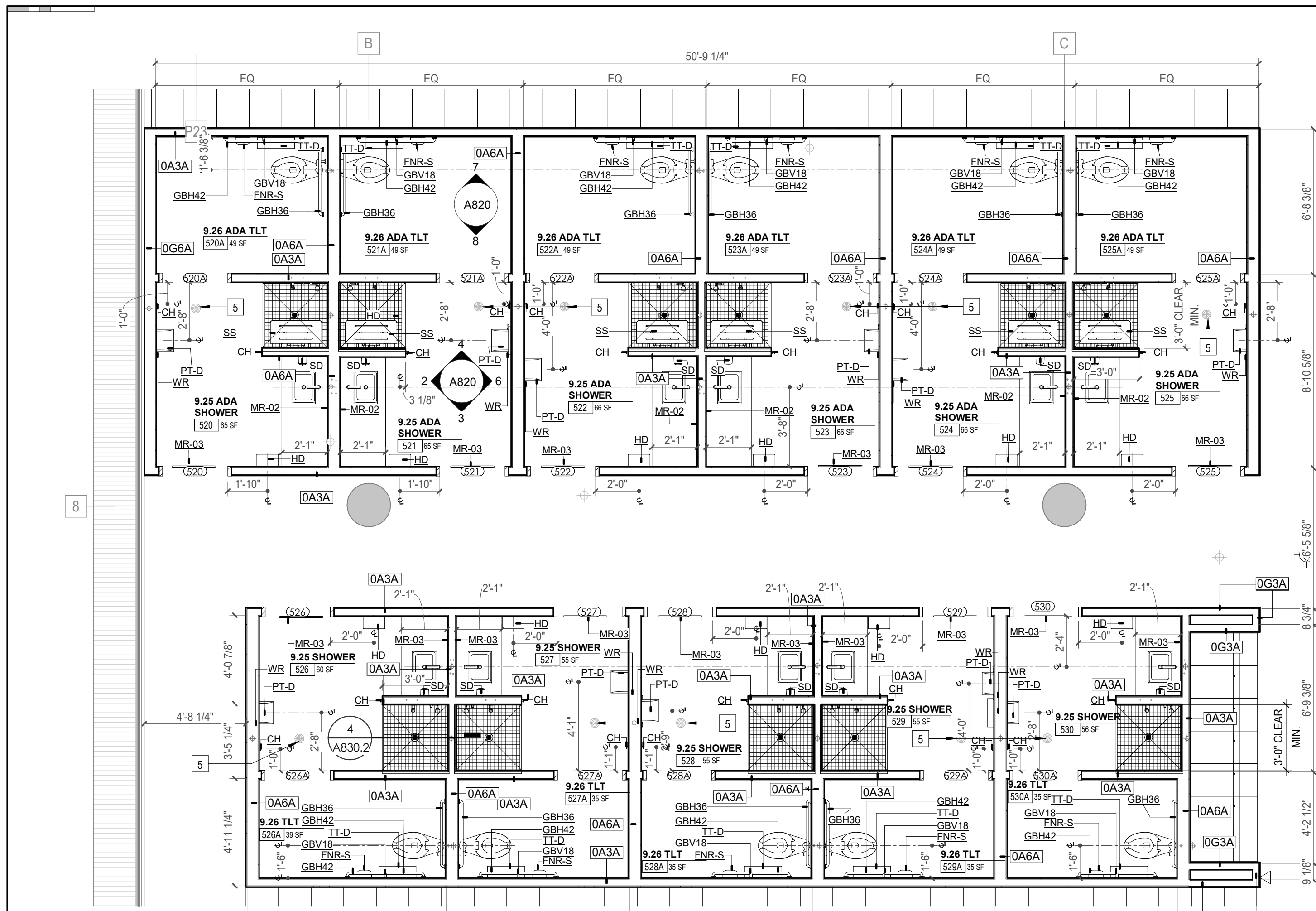
PA LAUREN BUSH /

Drawn By: Author

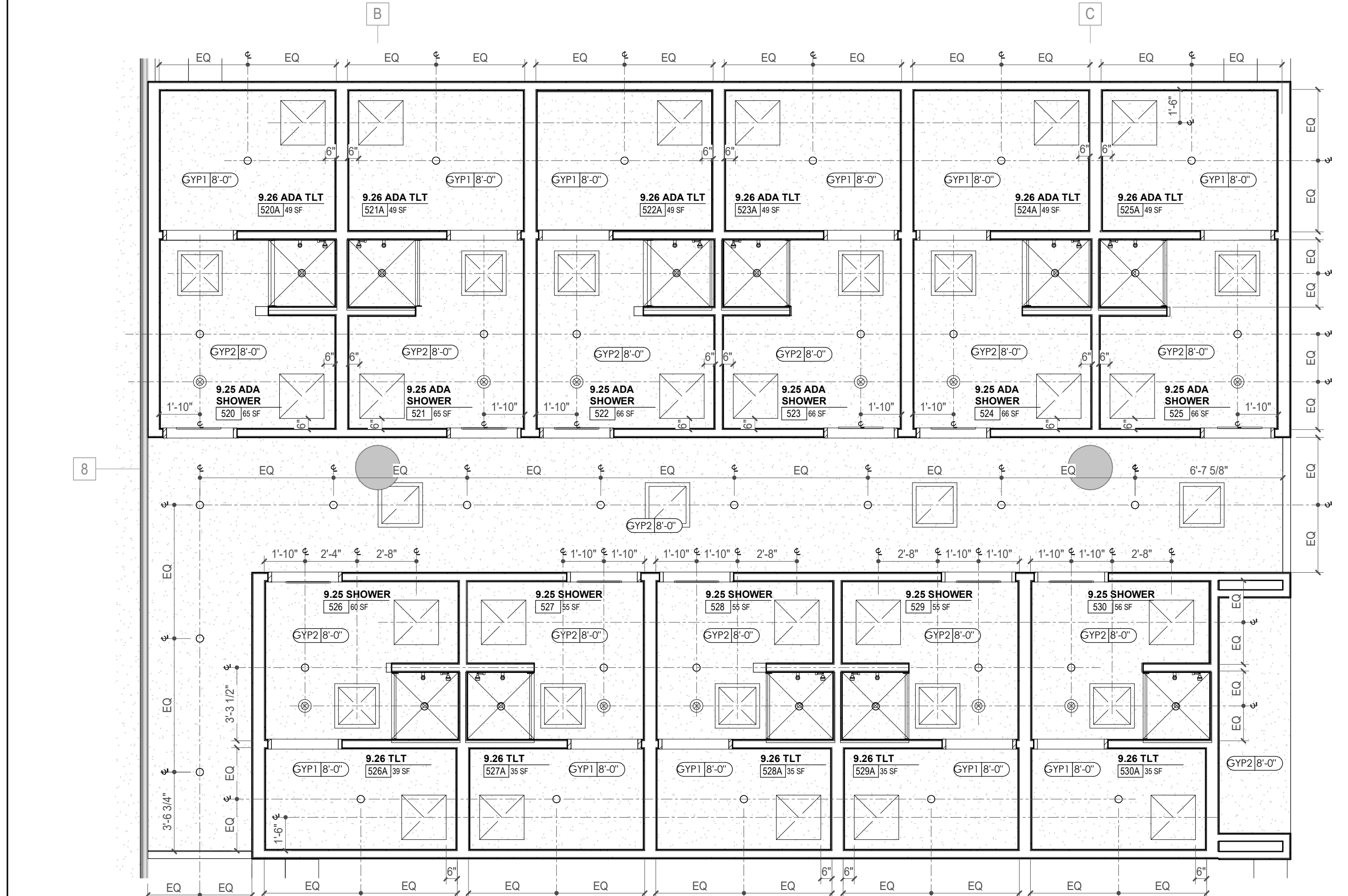
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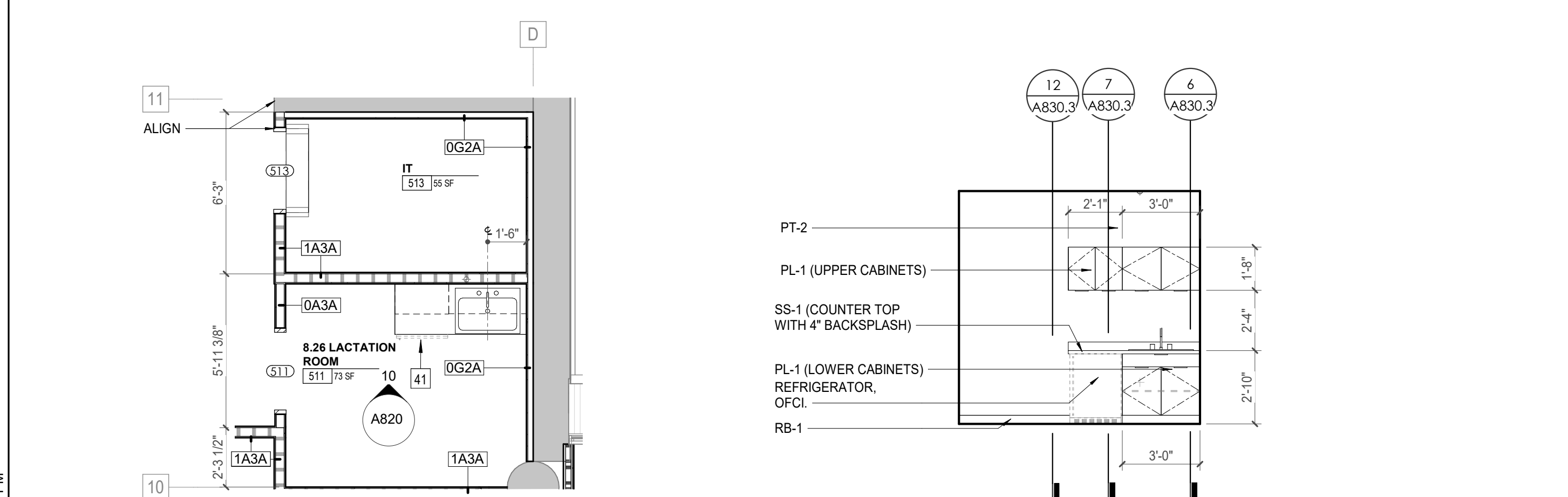
A820
POB - ENLARGED PLANS & ELEVATIONS - LEVEL 5



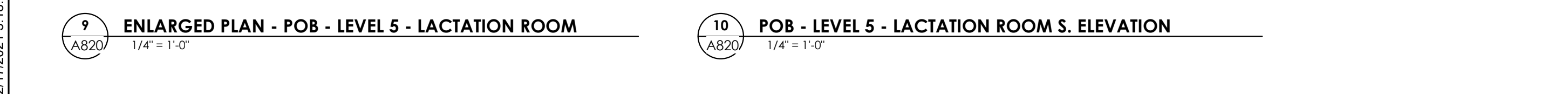
1 ENLARGED PLAN - POB - LEVEL 5 - TOILET ROOMS & SHOWERS ENLARGED PLAN
1/4" = 1'-0"



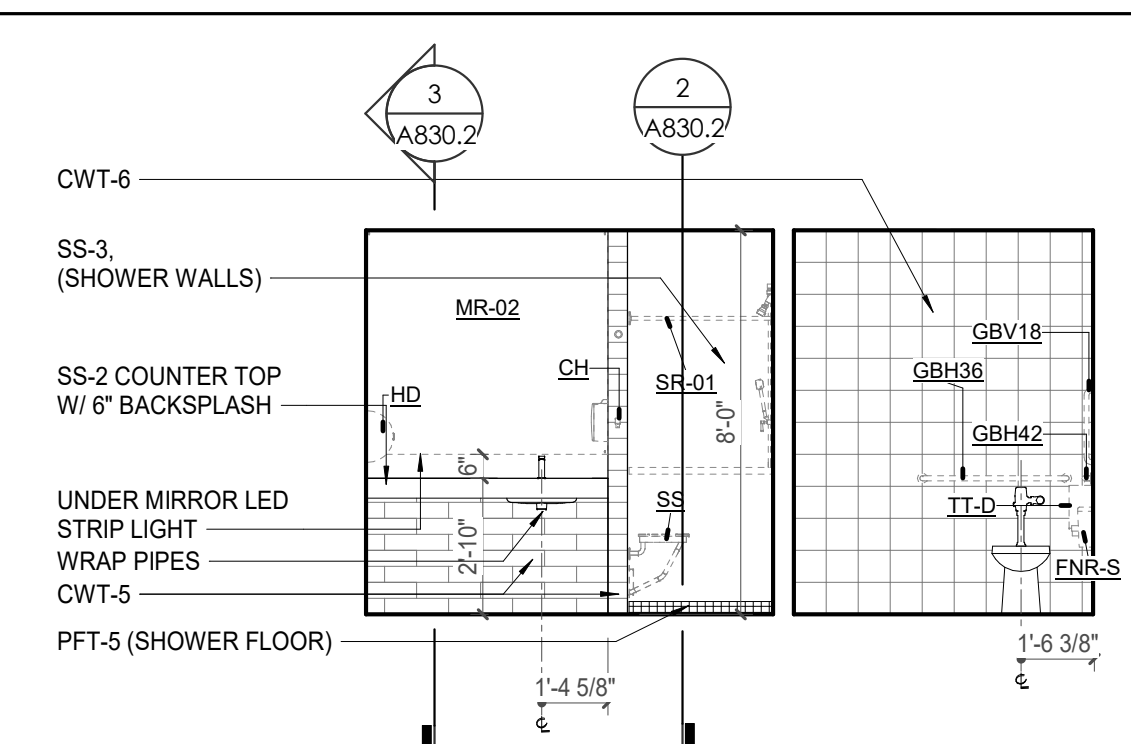
5 ENLARGED RCP - POB - LEVEL 5 - TOILET ROOMS & SHOWERS
1/4" = 1'-0"



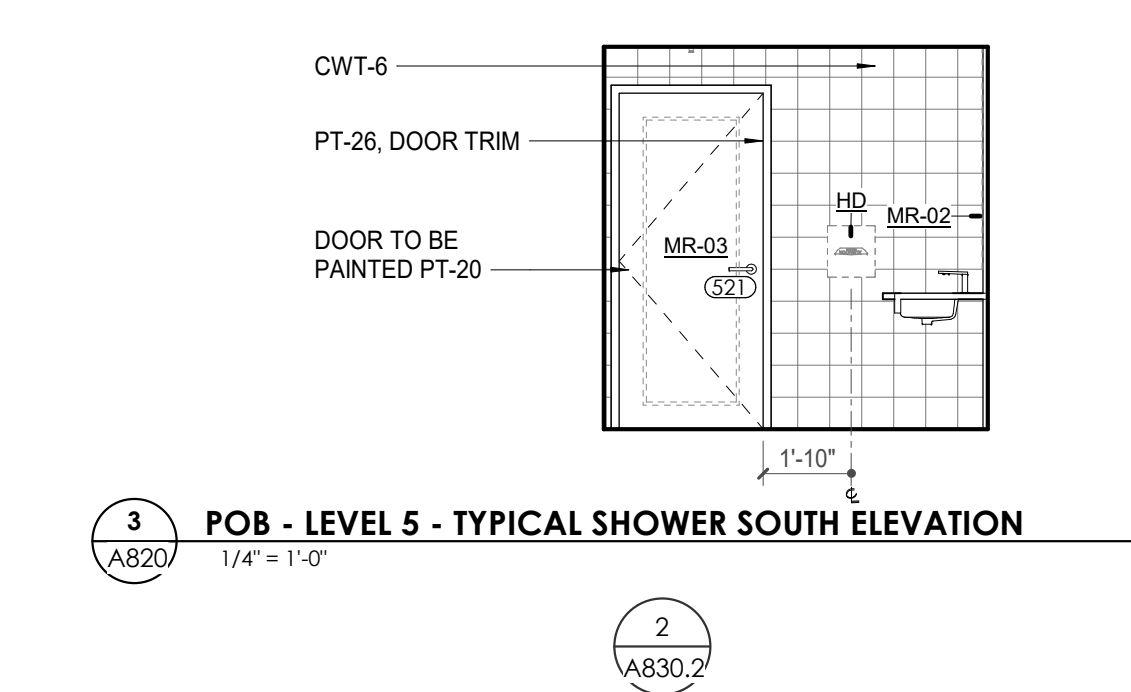
9 ENLARGED PLAN - POB - LEVEL 5 - LACTATION ROOM
1/4" = 1'-0"



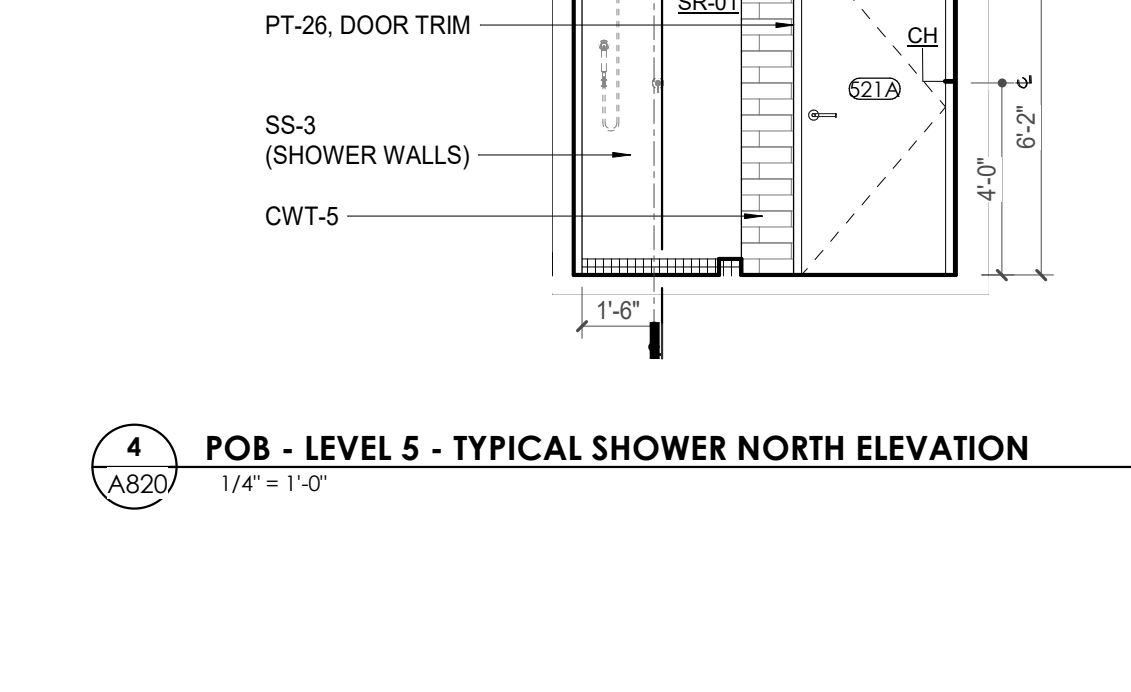
10 POB - LEVEL 5 - LACTATION ROOM S. ELEVATION
1/4" = 1'-0"



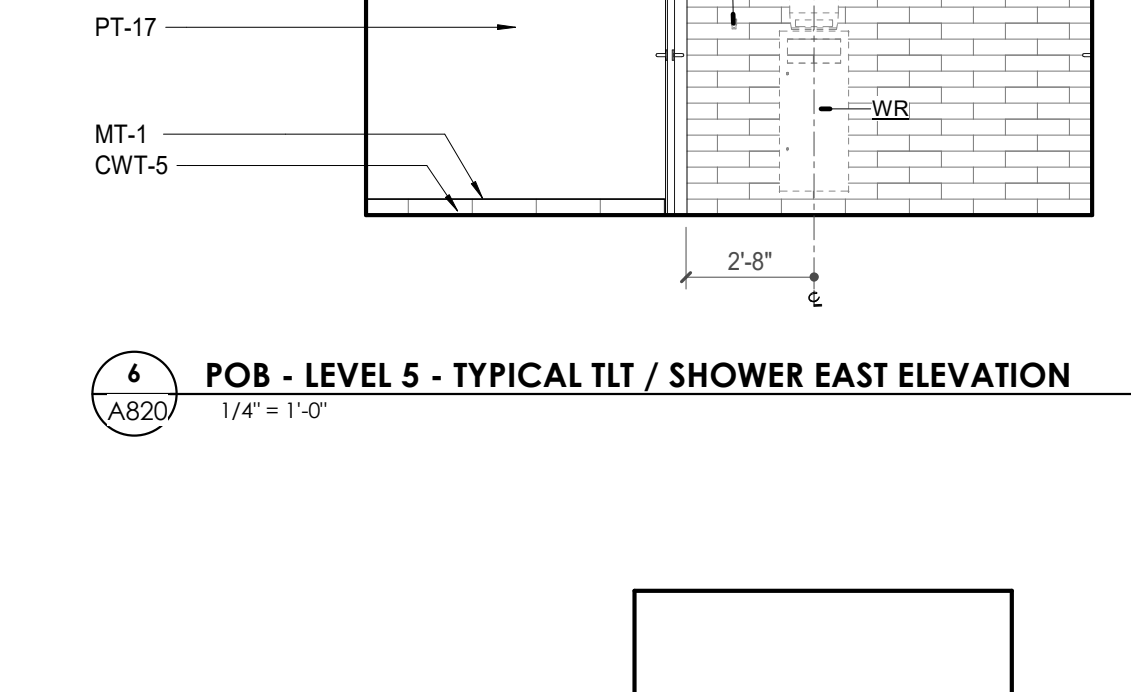
2 POB - LEVEL 5 - TYPICAL TLT / SHOWER WEST ELEVATION
1/4" = 1'-0"



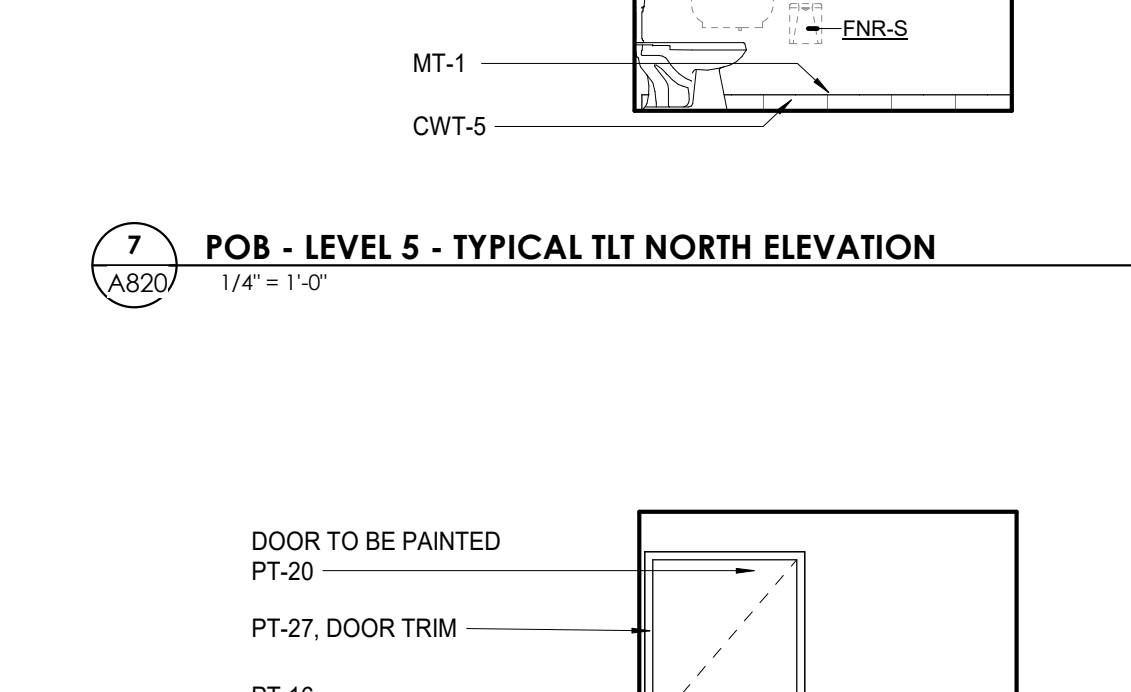
3 POB - LEVEL 5 - TYPICAL SHOWER SOUTH ELEVATION
1/4" = 1'-0"



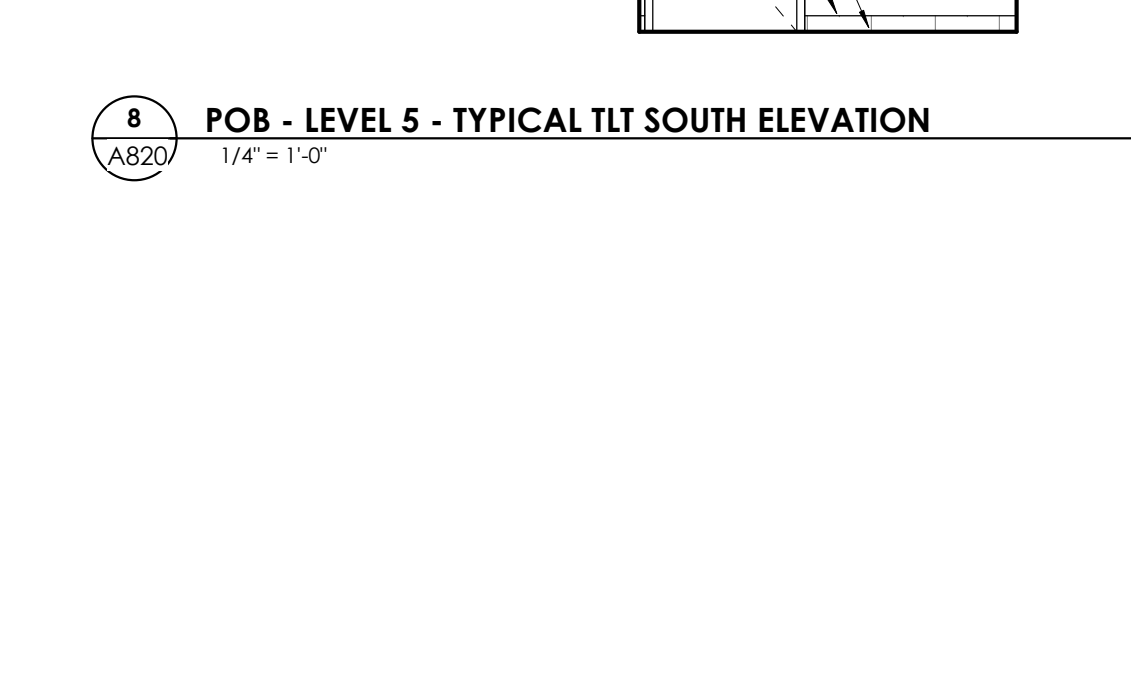
4 POB - LEVEL 5 - TYPICAL SHOWER NORTH ELEVATION
1/4" = 1'-0"



6 POB - LEVEL 5 - TYPICAL TLT / SHOWER EAST ELEVATION
1/4" = 1'-0"



7 POB - LEVEL 5 - TYPICAL TLT NORTH ELEVATION
1/4" = 1'-0"



8 POB - LEVEL 5 - TYPICAL TLT SOUTH ELEVATION
1/4" = 1'-0"

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
	4" RECESSED WALL WASH DOWNLIGHT
	RAZER 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 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

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

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 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 OVERLAP 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 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	APPLY TRANSPARENT FILM TO INSIDE FACE OF GLAZING
50	IMPACT RESISTANT STEEL BOLLARD - GENERAL LOCATION SHOWN, COORDINATE LOCATION IN FIELD
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	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.

OWNER PROVIDED HIGH DENSITY MOBILE STORAGE SYSTEM AND OVERLAP RAILS

NEW CONCRETE RAMP, SEE SITE DETAILS AS400 & STRUCTURAL DRAWINGS FOR INFO.

NEW SHOOTING RANGE, SEE SHOOTING RANGE PLANS A108 FOR INFO.

PROVIDE WHEEL STOPS AT ACCESSIBLE PARKING LOCATIONS

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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

1" FLUSH FLOOR TO WALL 2 HR EXPANSION JOINT (TYPE 3) TO MATCH ADJACENT CARPET - SEE STRUC AND DETAILS ON A111.2

1" FLUSH FLOOR TO WALL 2 HR EXPANSION JOINT (TYPE 4) TO MATCH ADJACENT TILE - SEE STRUC AND DETAILS ON A111.2

1" FLUSH WALL CEILING TO WALL CEILING EXPANSION JOINT (TYPE 5) TO MATCH ADJACENT PAINT COLOR - SEE STRUC AND DETAILS ON A111.2

1" EXPANSION JOINT (TYPE 6) TO MATCH ADJACENT BRICK - SEE STRUC AND DETAILS

ADA PUSH BUTTON

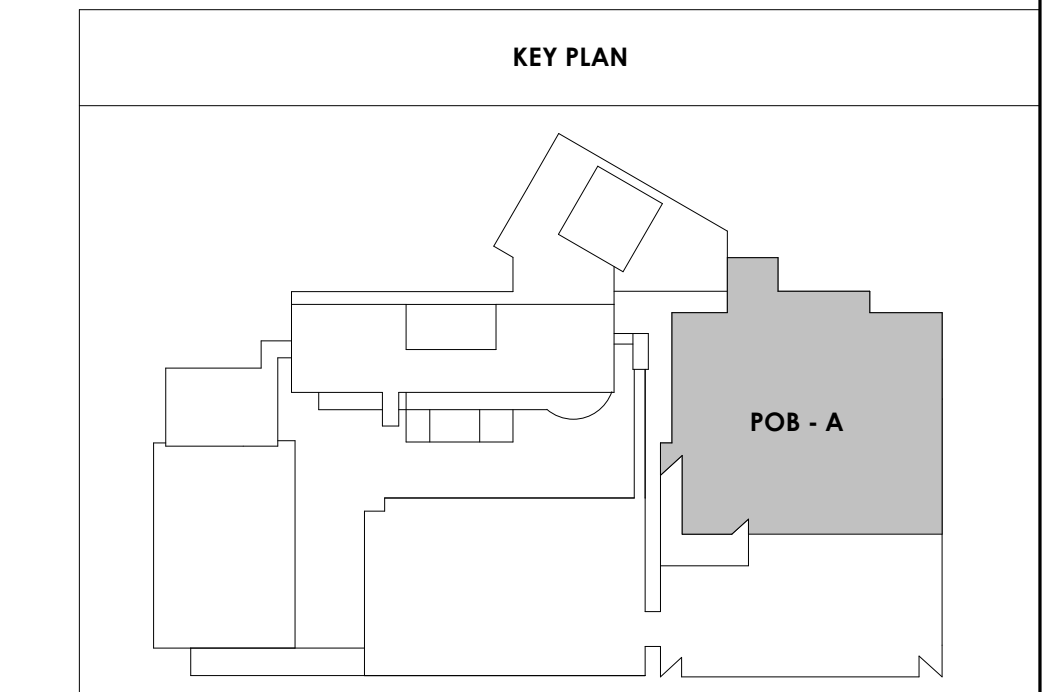
FLOOR BOX - VERIFY FINAL LOCATION PRIOR TO INSTALLATION W/ ARCHITECT, COORDINATE W/ SYSTEMS FURNITURE - SEE ELECTRICAL

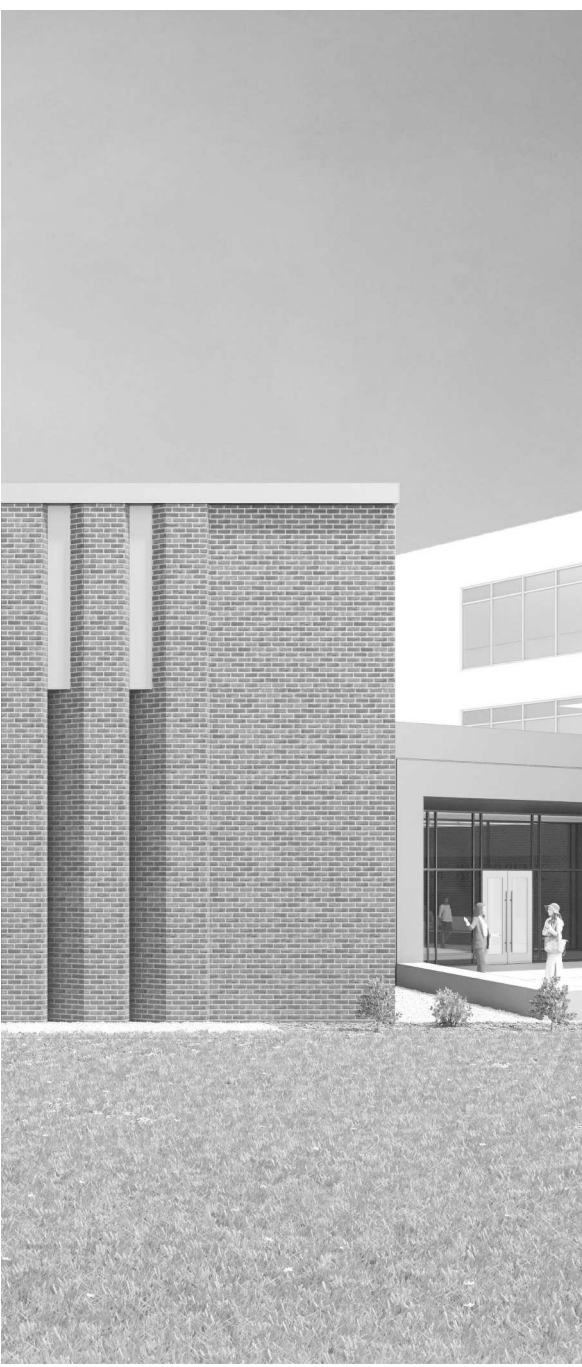
OWNER PROVIDED VENDING MACHINE, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS

CEILING MOUNTED TV, PROVIDE NECESSARY MOUNTING HARDWARE - SEE ELECTRICAL AND TELECOMMUNICATIONS

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24" DEEP STAINLESS PASS THROUGH COUNTER INSTALLED 34" AFF. 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 #2.1 02/17/21

Issue Date: FEBRUARY 1, 2021

PKC DAVID COLLINS

PM JOHN THURMAN

PA LAUREN BUSH /

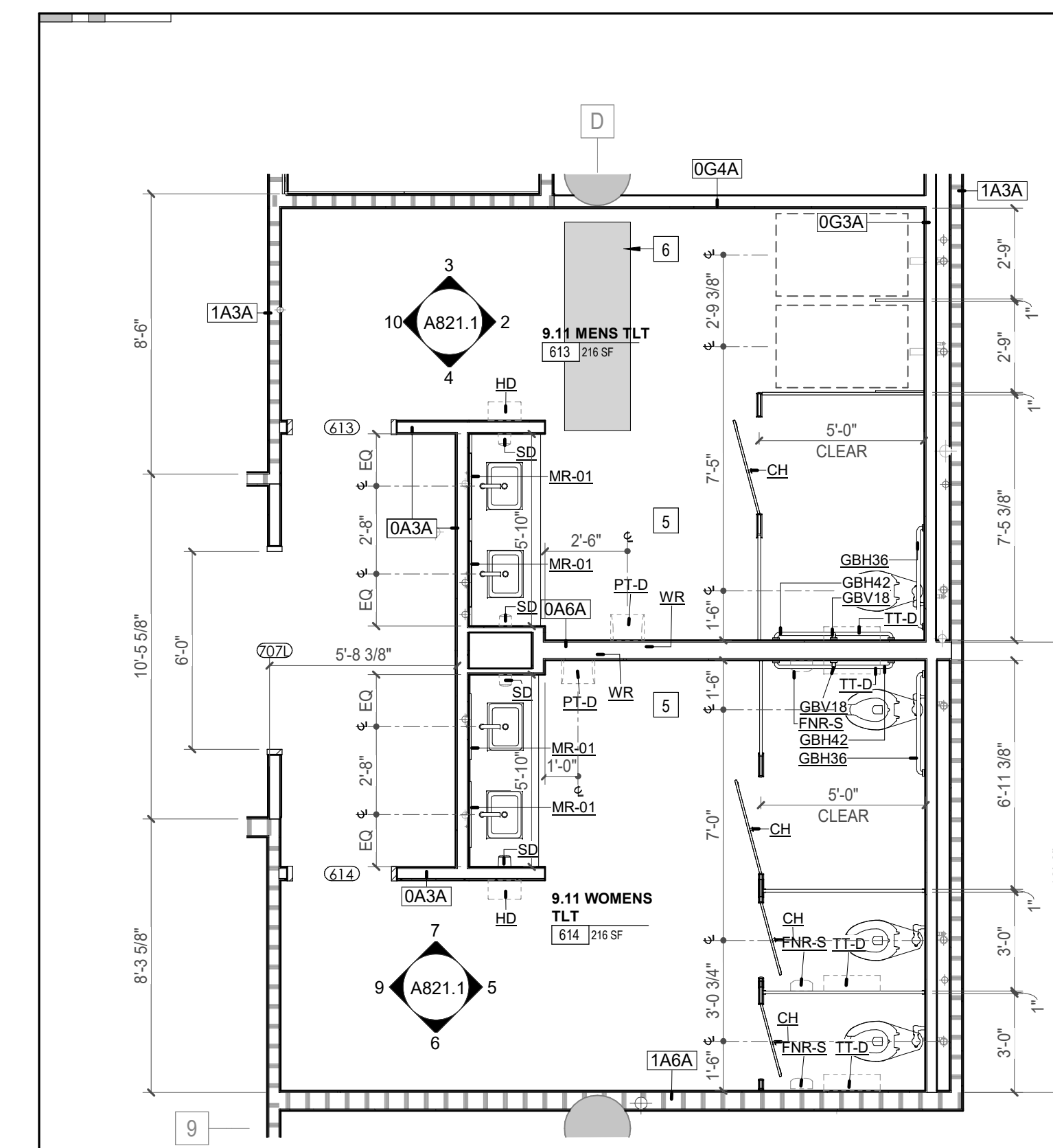
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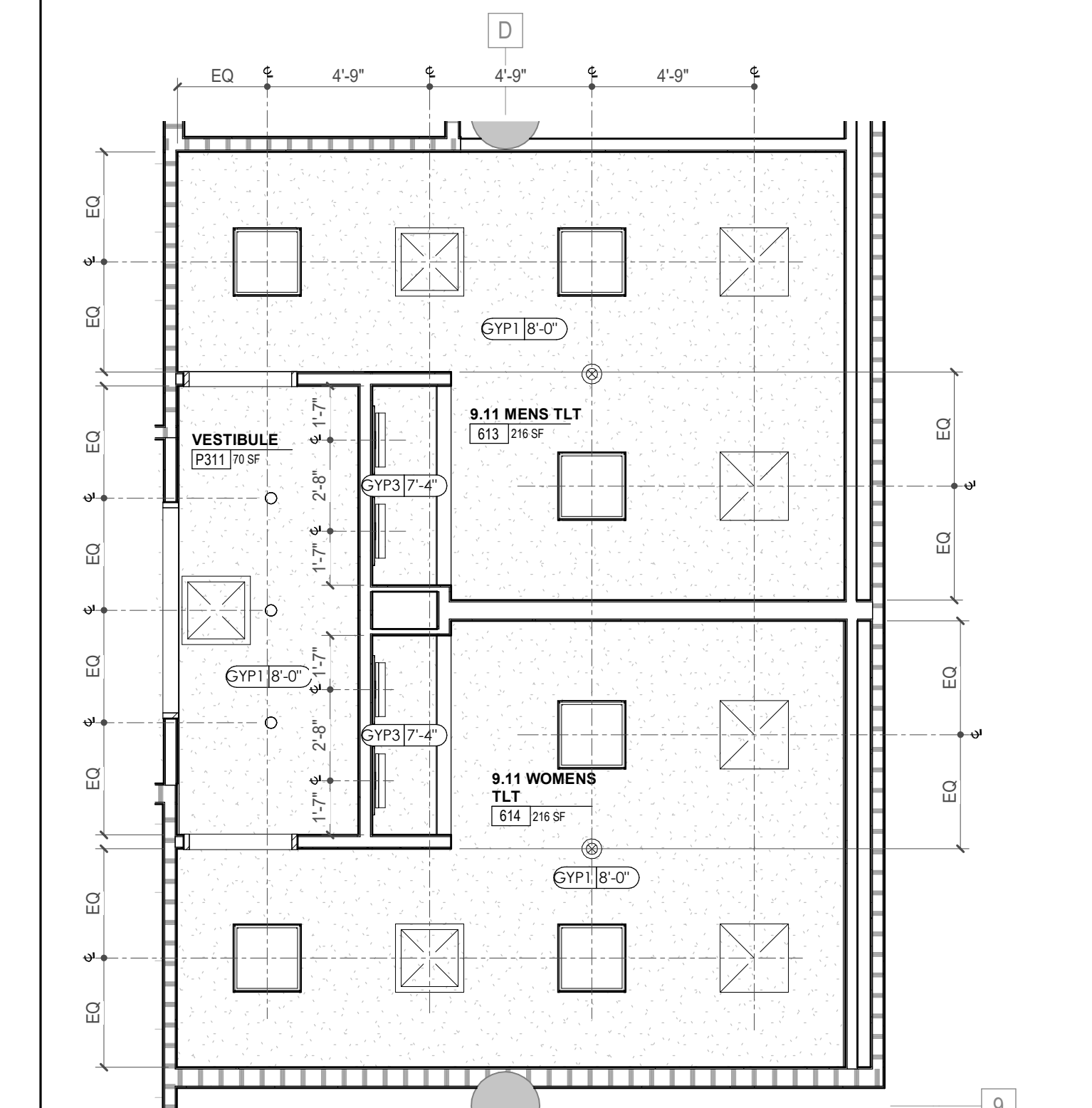
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A821.1

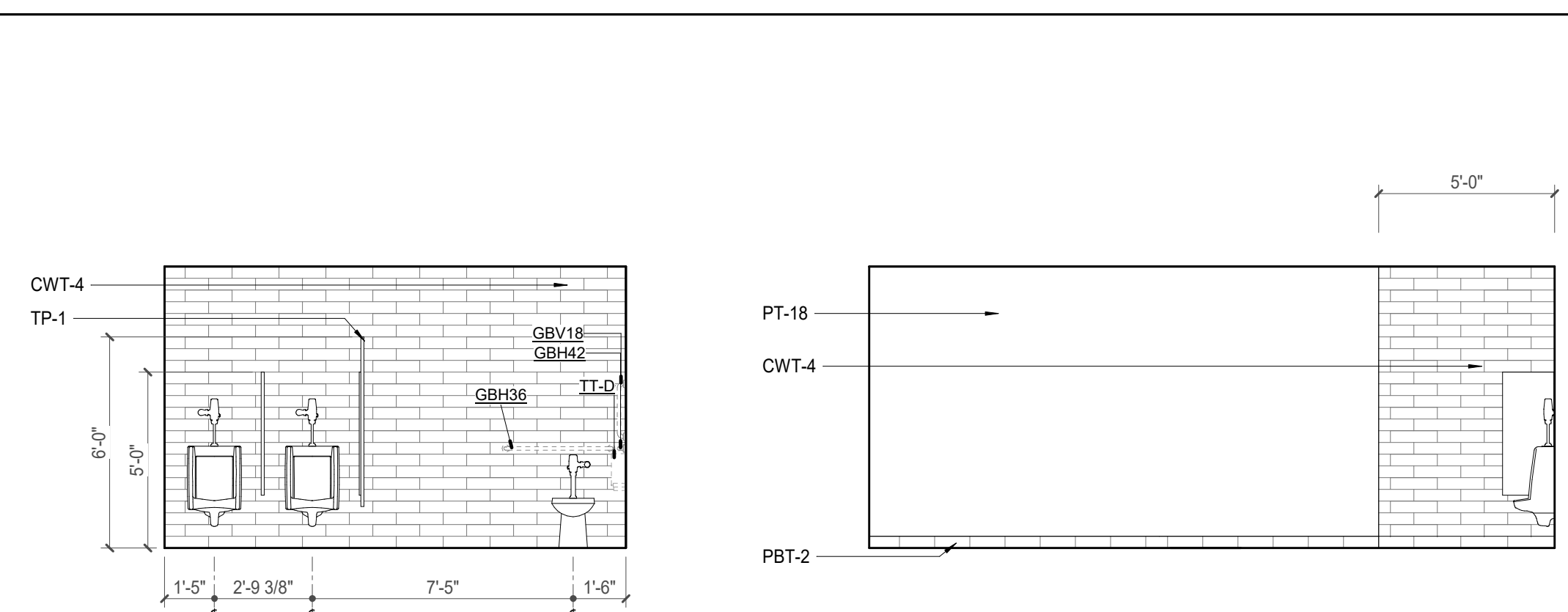
POB - ENLARGED PLANS & ELEVATIONS - LEVEL 6



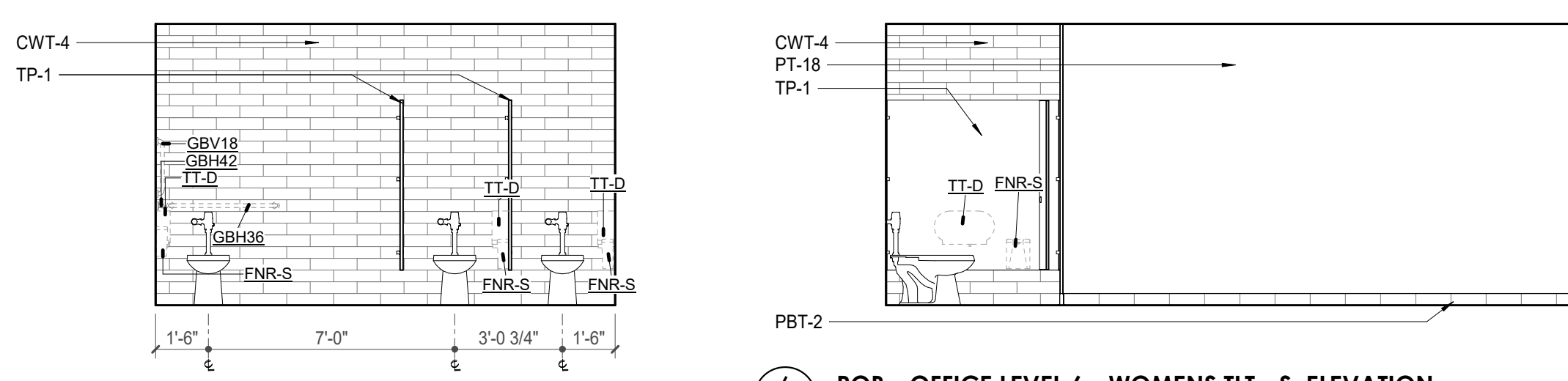
1 ENLARGED PLAN - POB - OFFICE LEVEL 6 - MEN'S & WOMEN'S TOILET ROOMS
A821.1 1/4" = 1'-0"



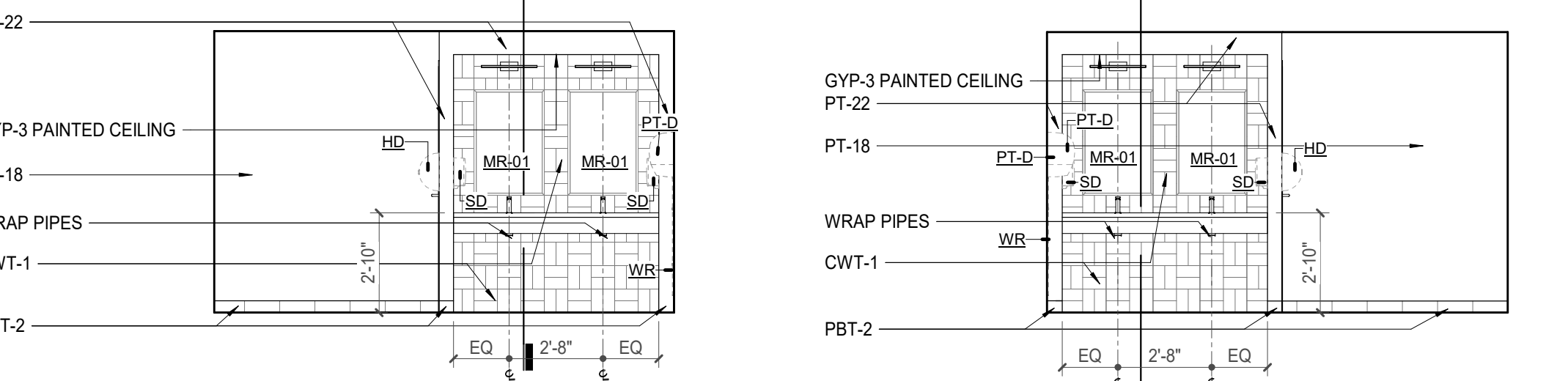
8 ENLARGED RCP - POB - OFFICE LEVEL 6 - MEN'S & WOMEN'S TL ROOM
A821.1 1/4" = 1'-0"



2 POB - OFFICE LEVEL 6 - MENS TLT - E. ELEVATION
A821.1 1/4" = 1'-0"



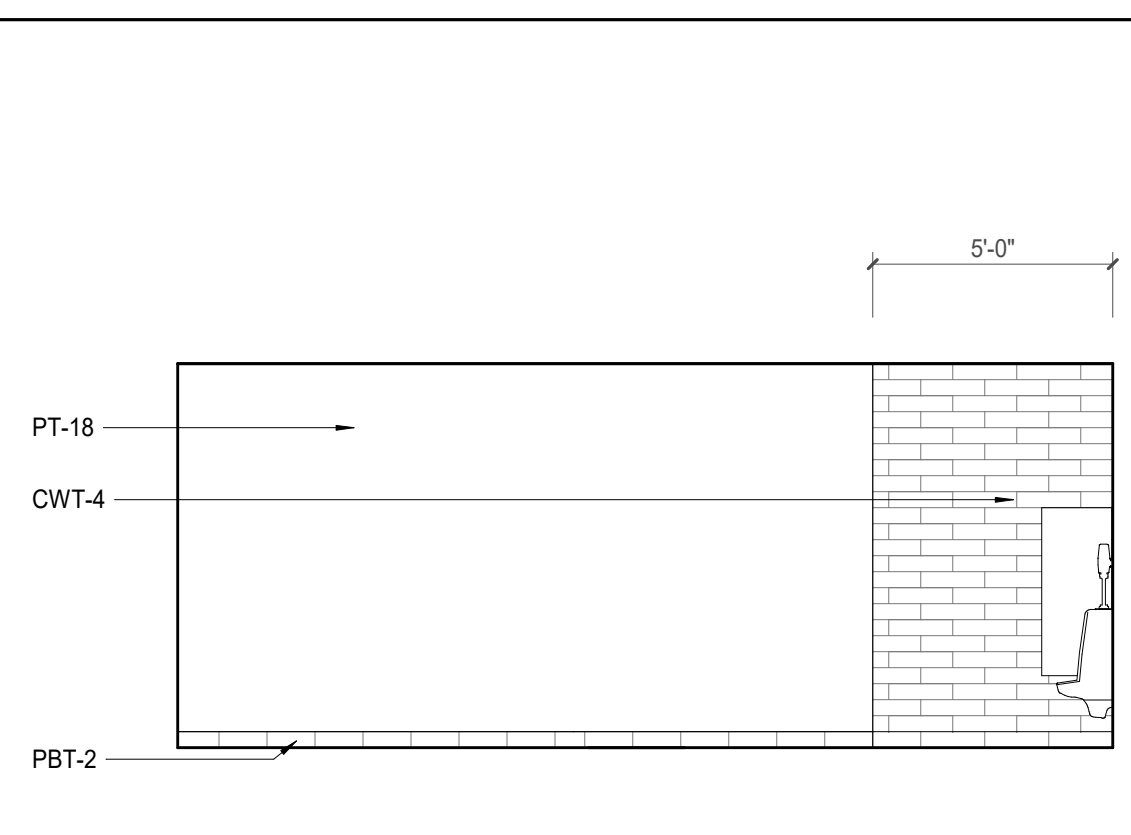
5 POB - OFFICE LEVEL 6 - WOMENS TLT - E. ELEVATION
A821.1 1/4" = 1'-0"



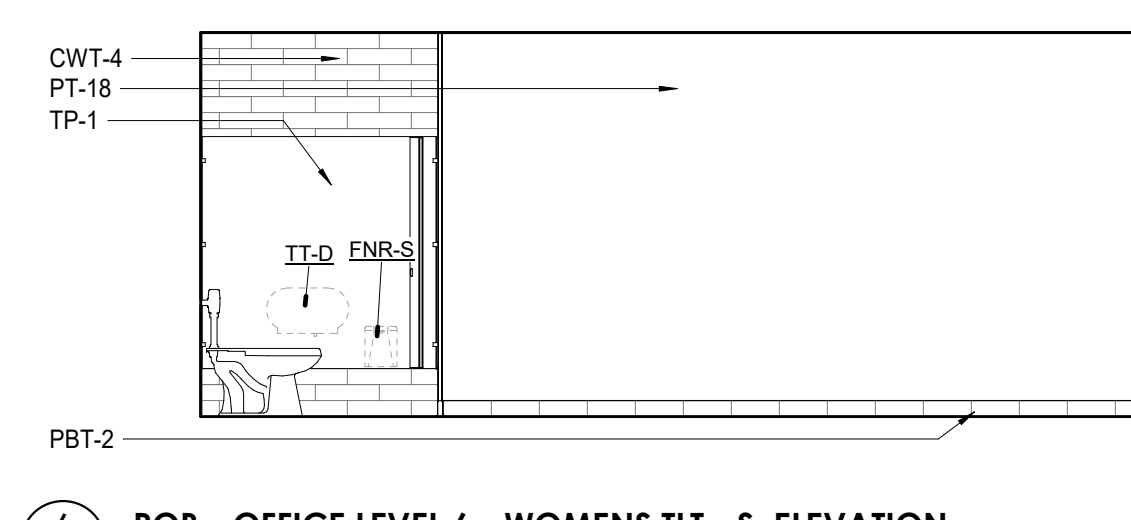
9 POB - OFFICE LEVEL 6 - WOMENS TLT - W. ELEVATION
A821.1 1/4" = 1'-0"



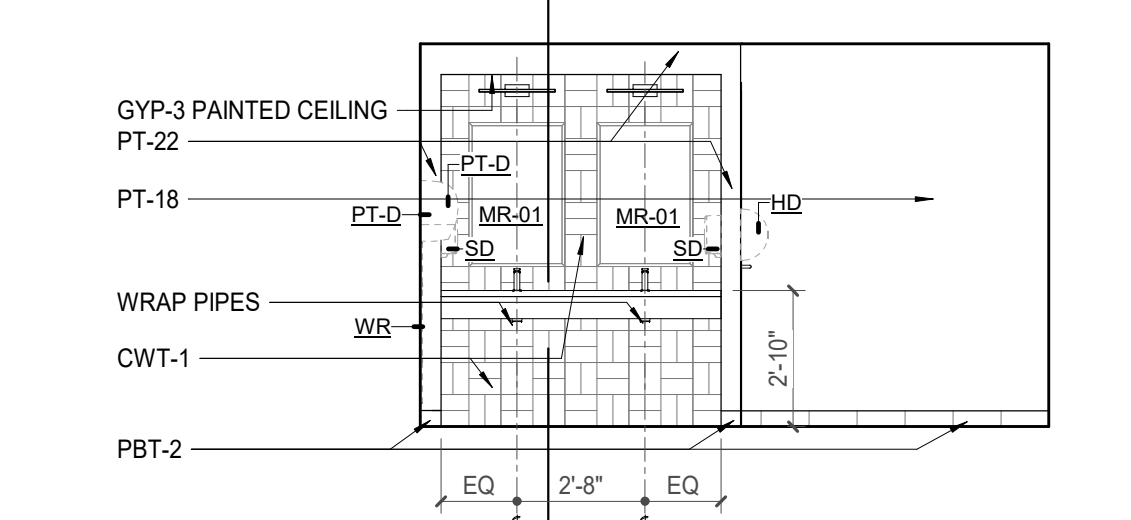
10 POB - OFFICE LEVEL 6 - MENS TLT W. ELEVATION
A821.1 1/4" = 1'-0"



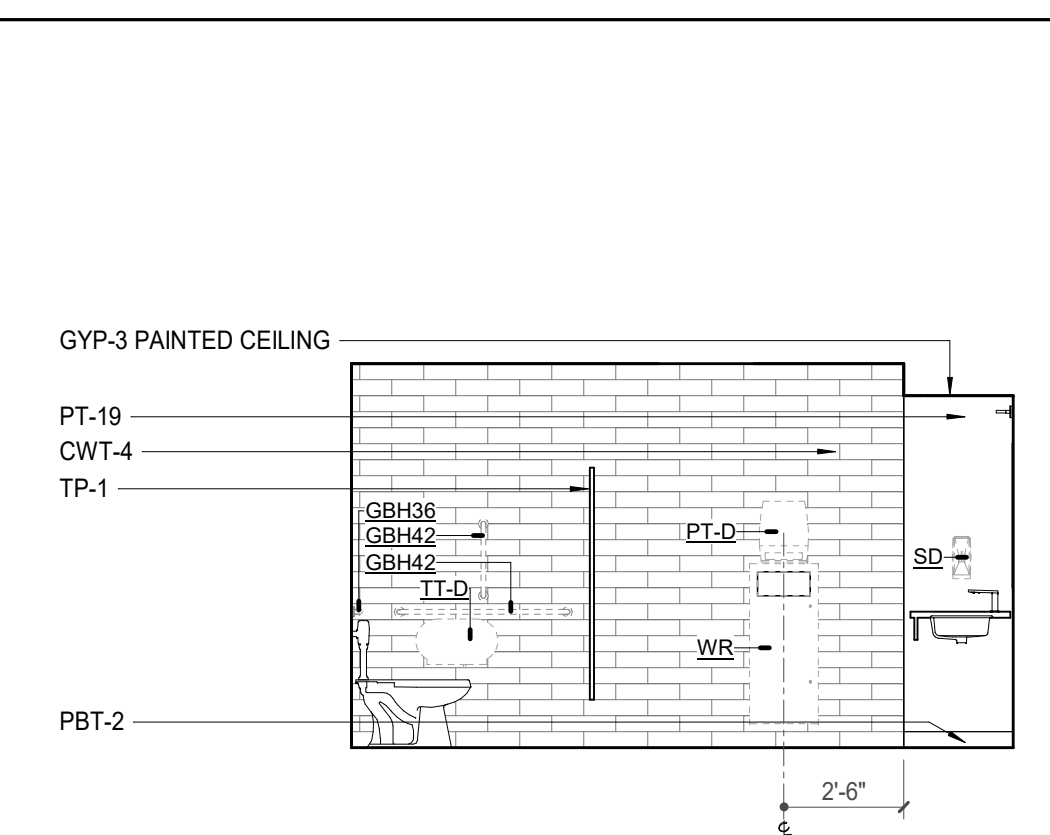
3 POB - OFFICE LEVEL 6 - MENS TLT - N. ELEVATION
A821.1 1/4" = 1'-0"



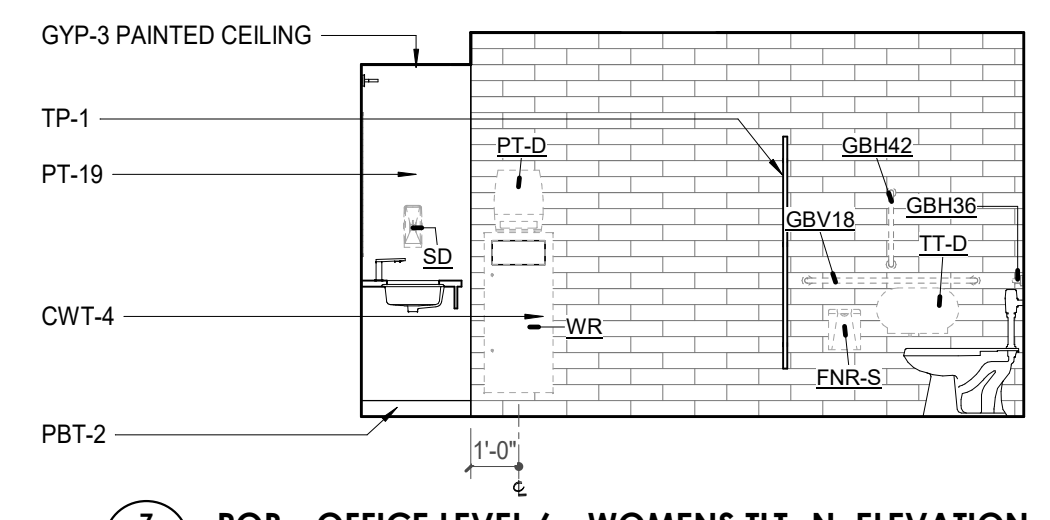
6 POB - OFFICE LEVEL 6 - WOMENS TLT - S. ELEVATION
A821.1 1/4" = 1'-0"



10 POB - OFFICE LEVEL 6 - MENS TLT W. ELEVATION
A821.1 1/4" = 1'-0"



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"

REFLECTED CEILING PLAN LEGEND

	24" x 24" ACOUSTICAL CEILING TILE GRID
	44" x 48" ACOUSTICAL CEILING TILE GRID
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	WOOD PANEL CEILING
	EIFS SOFFIT
	CEILING TYPE INDICATOR
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CEILING TYPES:	
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	4\"/>
	AIMABLE DOWNLIGHT
	4\"/>
	RAZOR WALL WASH DOWNLIGHT
	2\"/>
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	HVAC CEILING SUPPLY
	HVAC CEILING RETURN
	HVAC LINEAR SUPPLY
	HVAC LINEAR RETURN
	ACCESS PANEL

KEYNOTES - REFLECTED CEILING PLAN

Tag	Text
1	6\"/>
2	6\"/>
3	OPERABLE WALL PARTITION
4	ROLLER WINDOW SHADES AT ALL EXTERIOR WORKSPACE WINDOWS - TYP
5	GYP. BD. SOFFIT AT PERIMETER
6	6\"/>
7	1\"/>
8	EXISTING LIGHT FIXTURES IN GARAGES TO REMAIN
9	LOCATION OF CLERESTORY WINDOWS ABOVE 9'-0\"/>
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15	PATCH AND REPLACE EXISTING EIFS SOFFIT AS REQUIRED TO COMPLETE THE WORK
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TOILET ACCESSORIES LEGEND

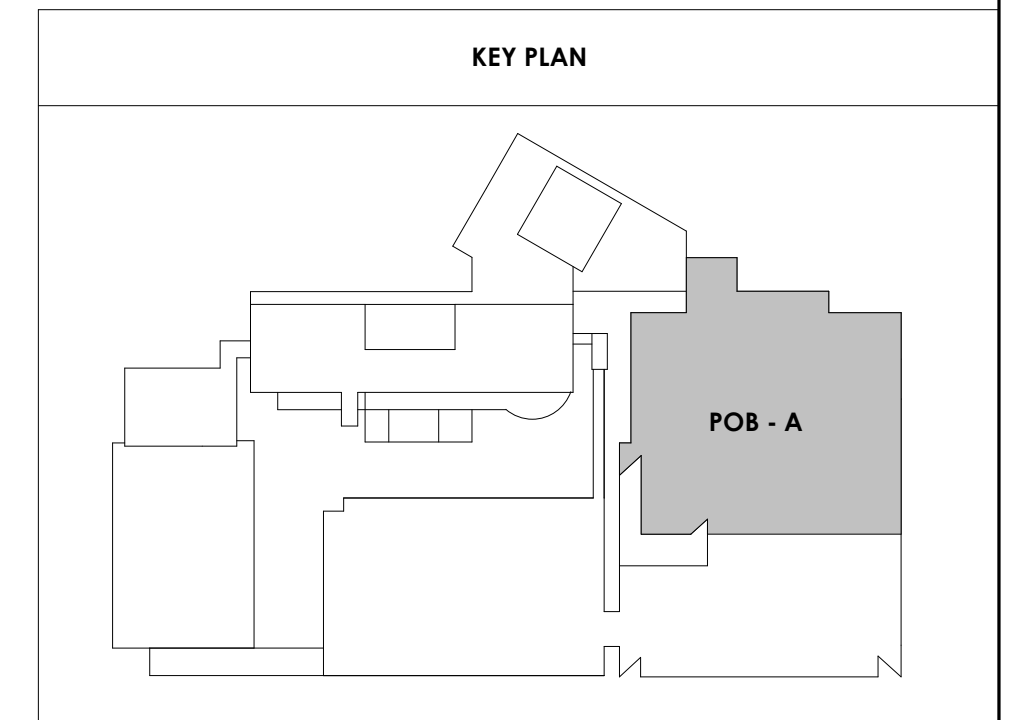
MARK	DESCRIPTION
GBH42	42\"/>
GBH36	36\"/>
GBV18	18\"/>
MR-01	24\"/>
MR-02	LOCKER ROOM FRAMELESS MIRROR
MR-03	20\"/>
FNR-S	FEMININE NAPKIN RECEPTACLE, SURFACE-MTD, FINISH: STAINLESS STEEL
TT-D	TOILET TISSUE, DOUBLE-ROLL DISPENSER, FINISH: BLACK
HD	HAND DRYER, WALL-MOUNTED, FINISH: BLACK
PT-D	AUTOMATIC 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\"/>
SR-02	60\"/>
SS	SHOWER SEAT, PER ADA, FINISH: PHENOLIC

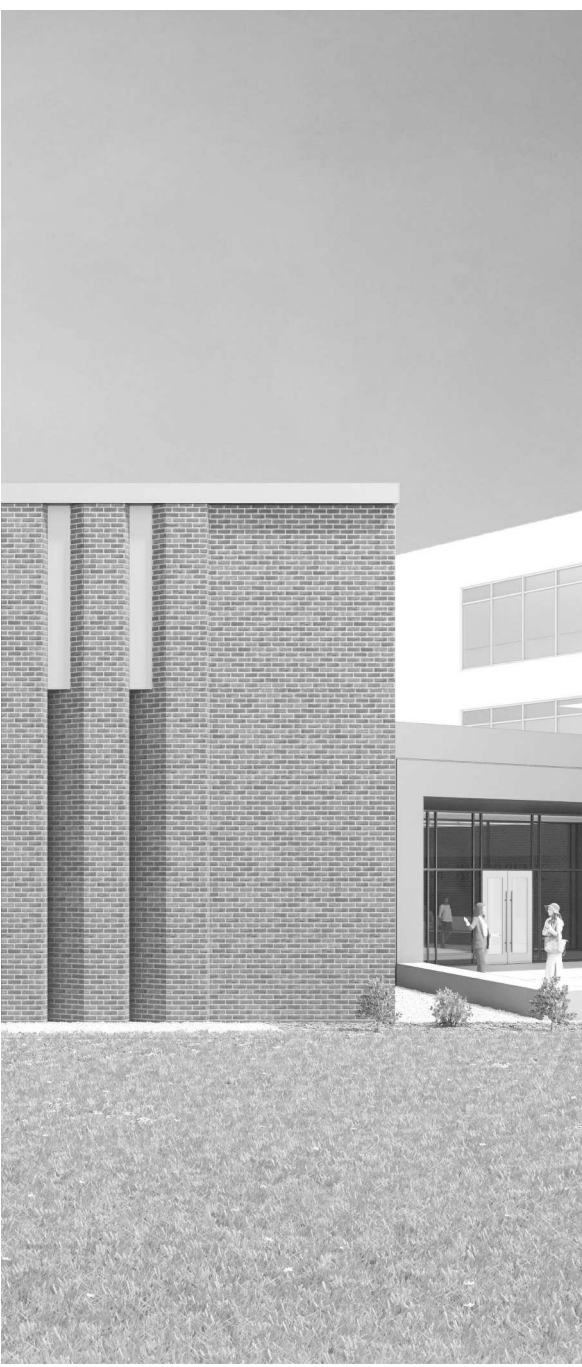
WALL LEGEND

	2 HR PARTITION (ASSEMBLY VARIES)
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	BALLISTIC LEVEL 3 PARTITION (ASSEMBLY VARIES)
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	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
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7	BALLISTIC LEVEL 3 RATING AND GLAZING - 8'-0\"/>
8	MOBILE VEHICLE LIFT
9	OVERHEAD COILING DOOR
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24	METAL DETECTOR ENTRY SECURITY
25	MOP SINK - SEE PLUMBING
26	18\"/>
27	12\"/>
28	24\"/>
29	30\"/>
30	18\"/>
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36	6\"/>
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51	NEW CONCRETE RAMP, SEE SITE DETAILS AS400 & STRUCTURAL DRAWINGS FOR INFO.
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60	1\"/>
61	1\"/>
62	1\"/>
63	1\"/>
64	1\"/>
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72	24\"/>





Project Information:

19018

COK SAFETY BUILDING

900 East Oak Hill Ave, Knoxville, TN

See:



Consultant:
Architects Design Group

ISSUE DATE

2 ADD #02.1 02/17/21

Issue Date: FEBRUARY 1, 2021

PKC DAVID COLLINS

PM JOHN THURMAN

PA LAUREN BUSH /

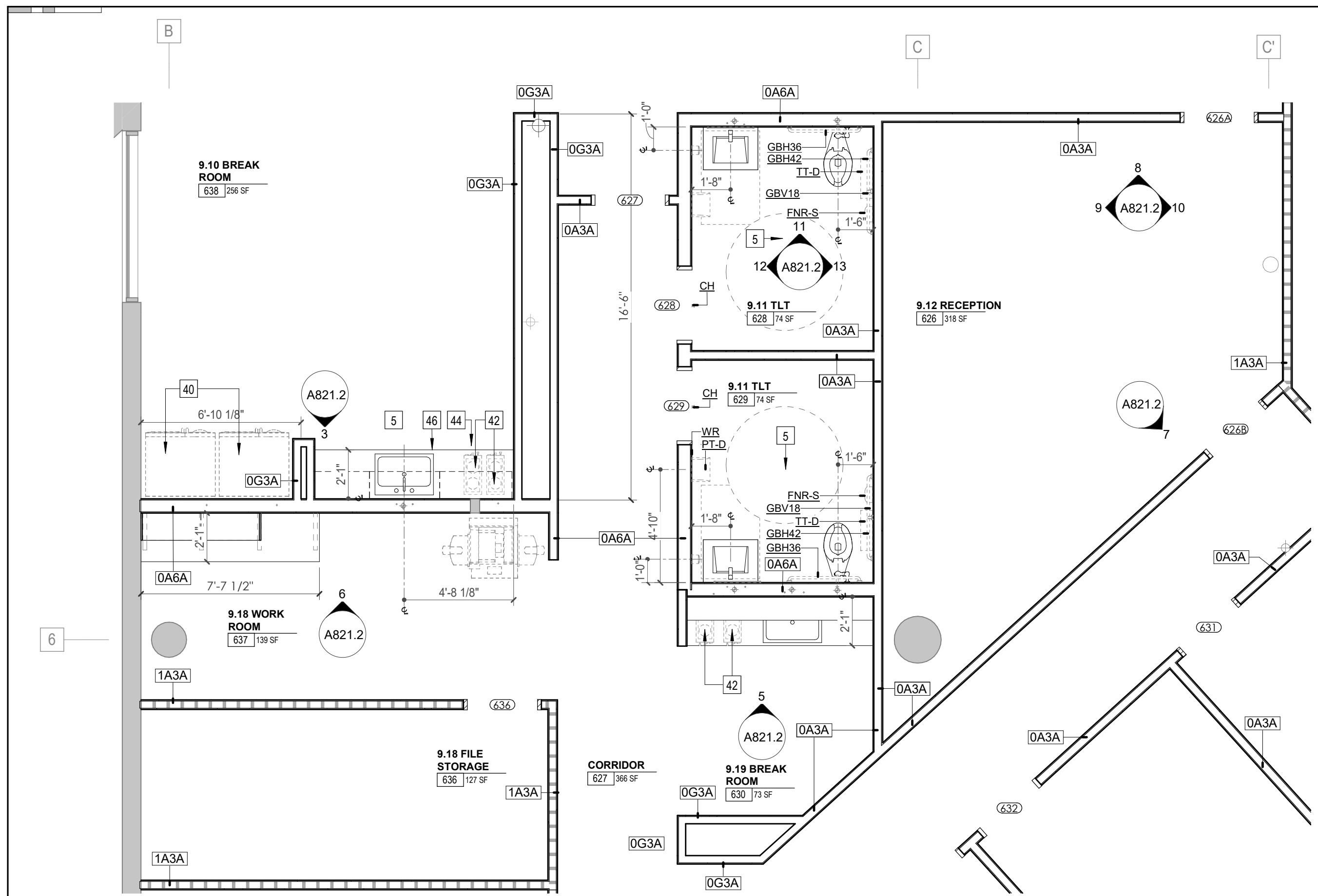
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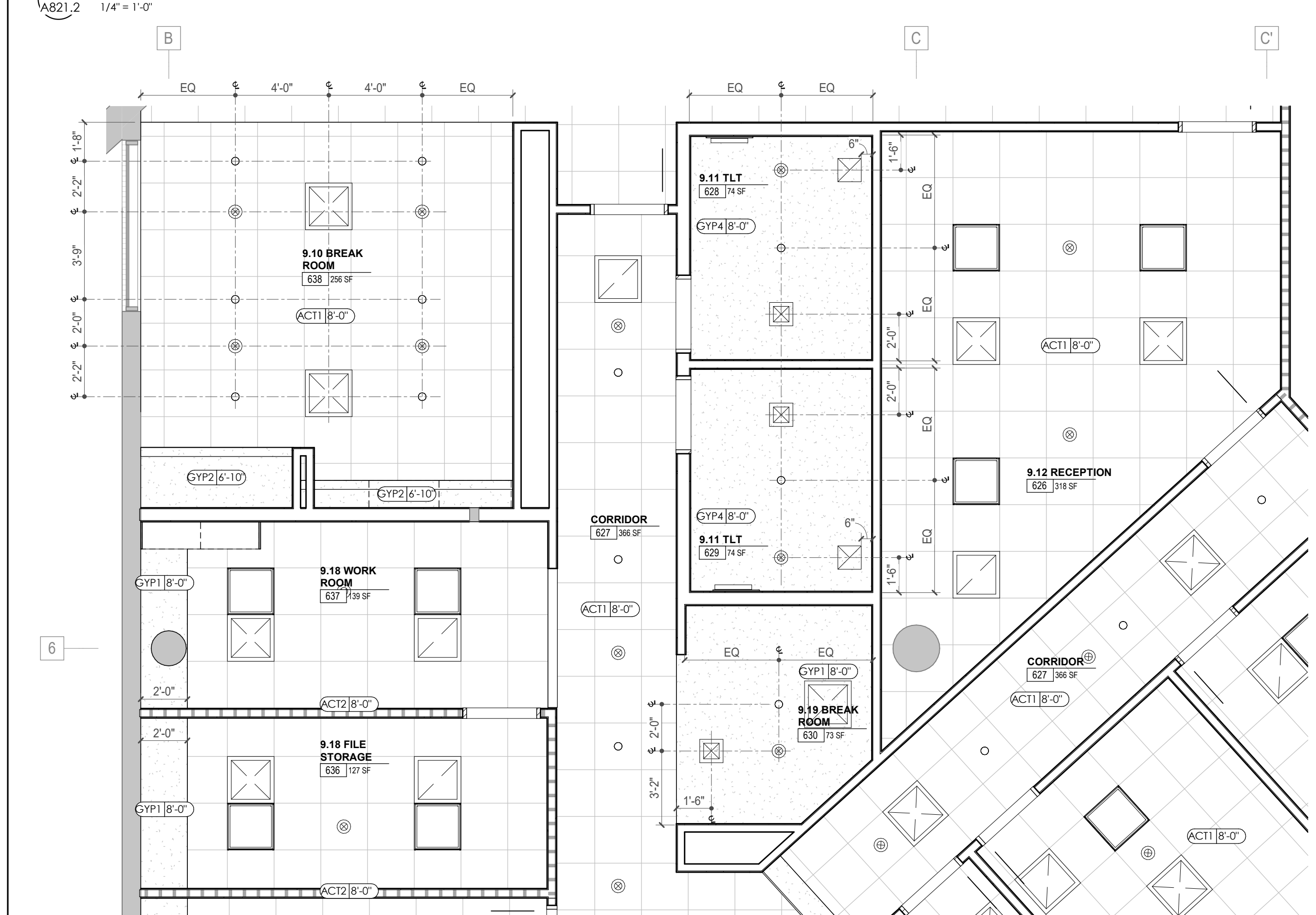
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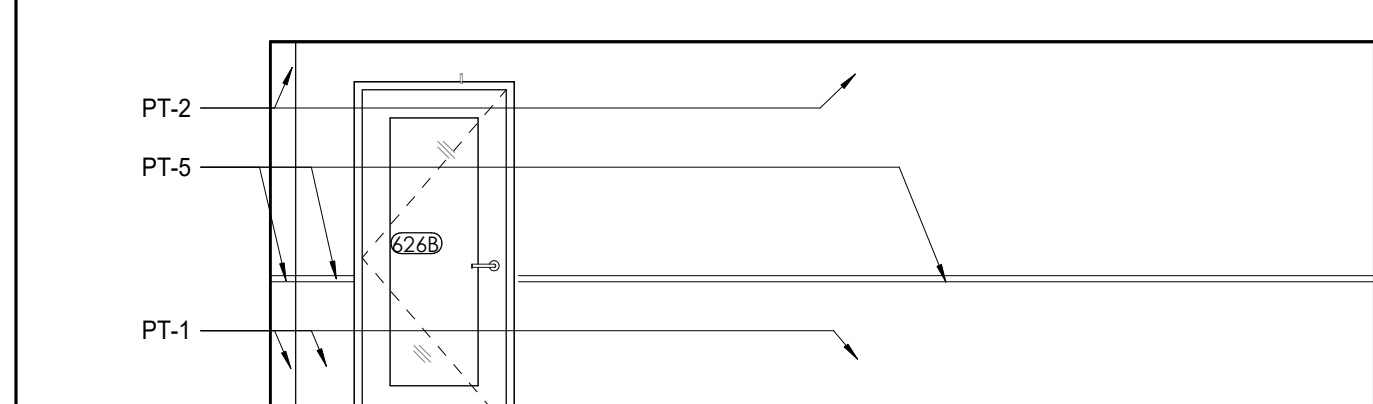
POB - ENLARGED PLANS & ELEVATIONS - LEVEL 6



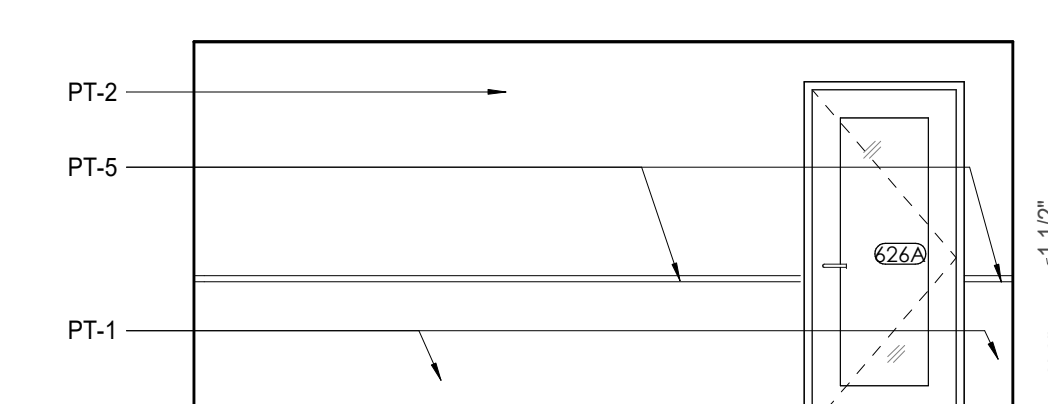
1 ENLARGED PLAN - POB - OFFICE LEVEL 6 - FACULTY & STAFF ZONE



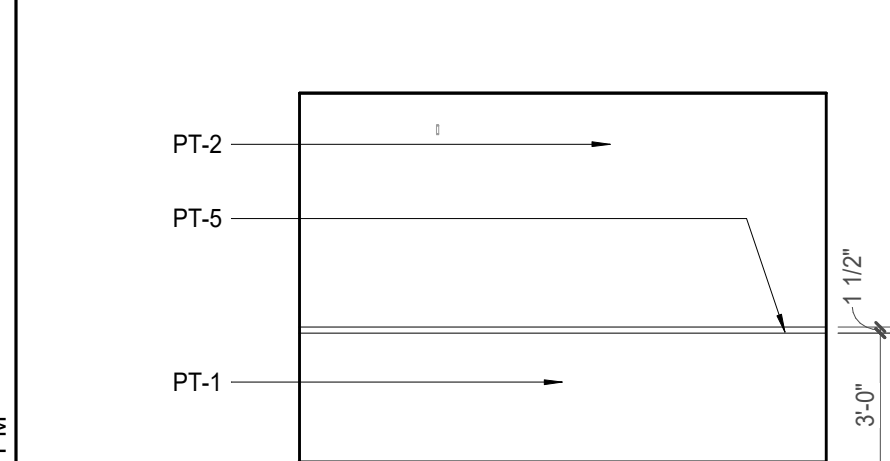
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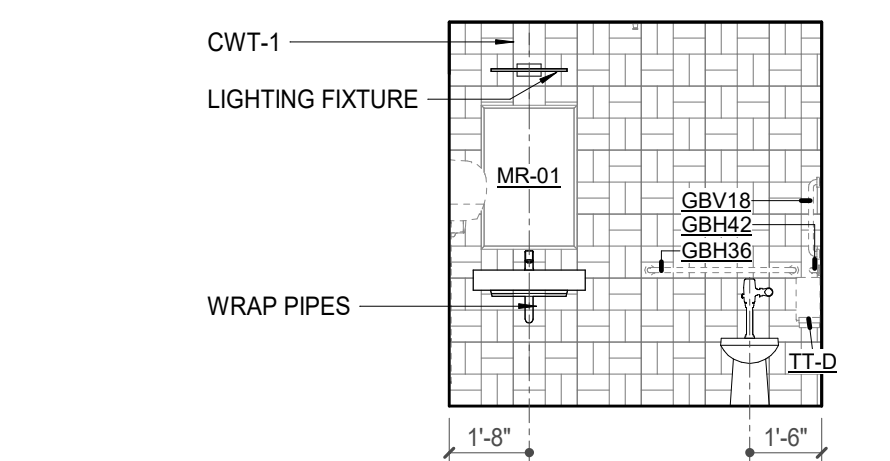
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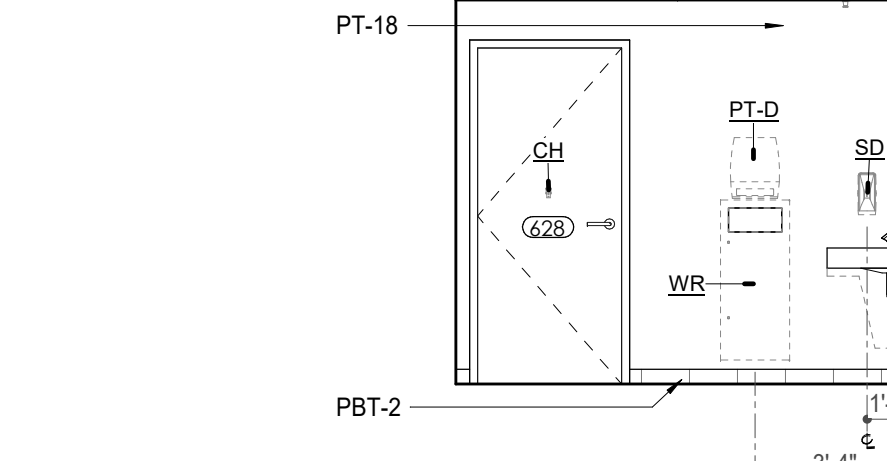
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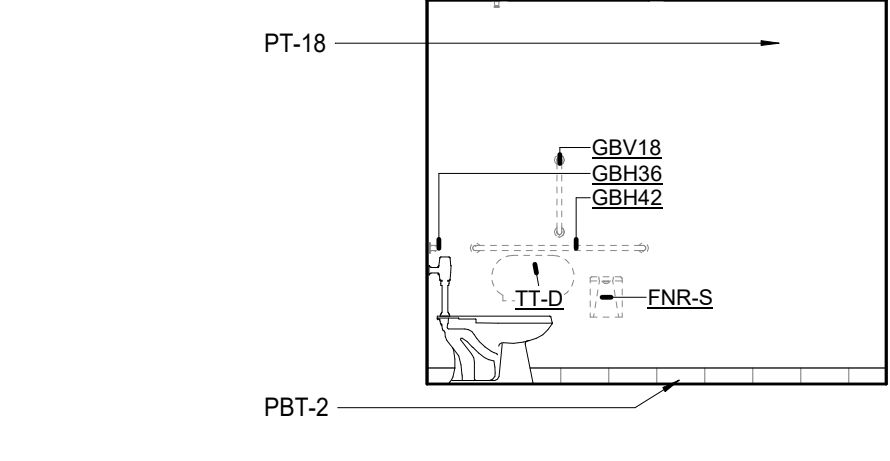
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11 POB - OFFICE LEVEL 6 - FACULTY & STAFF TLT - N. ELEVATION

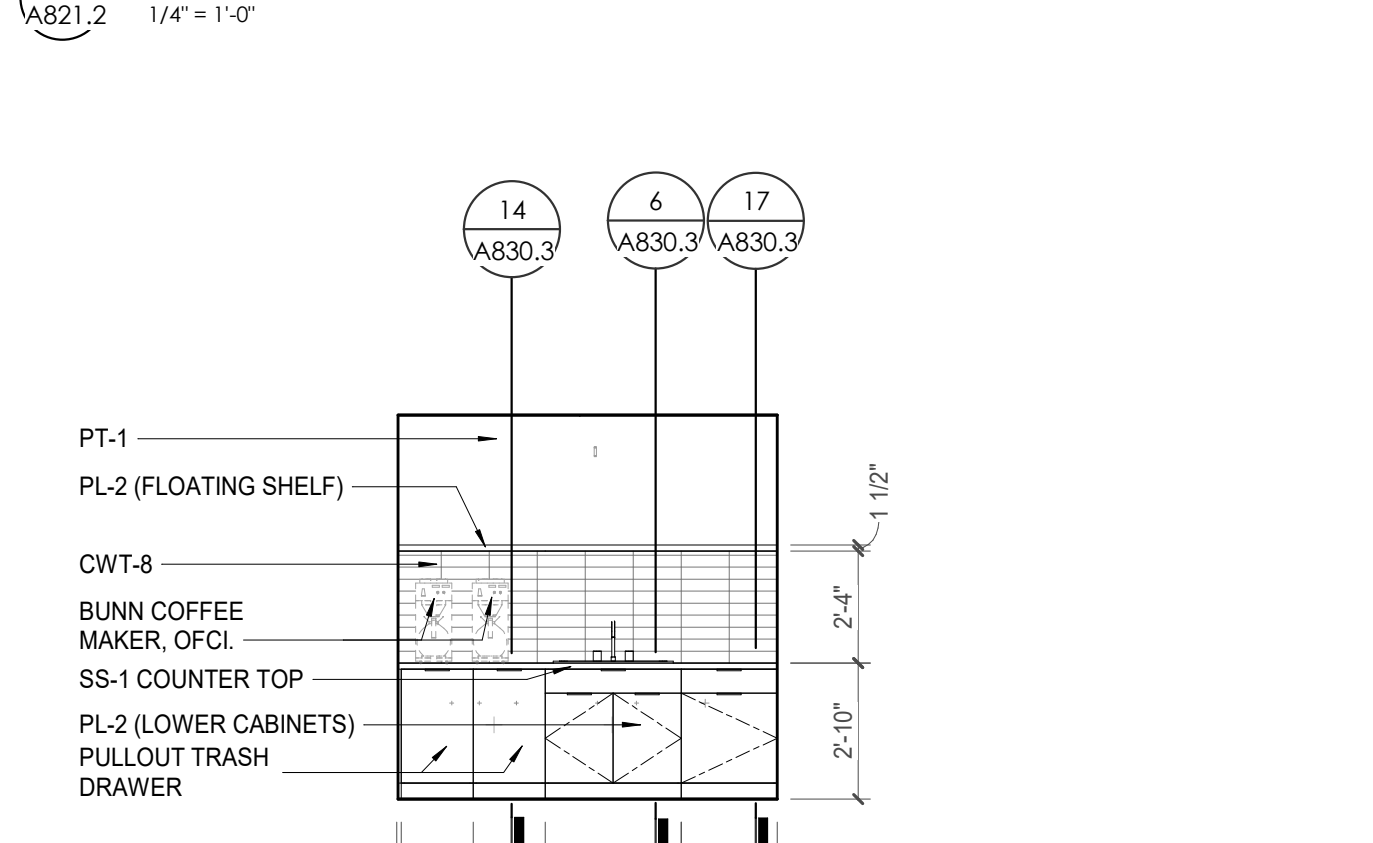


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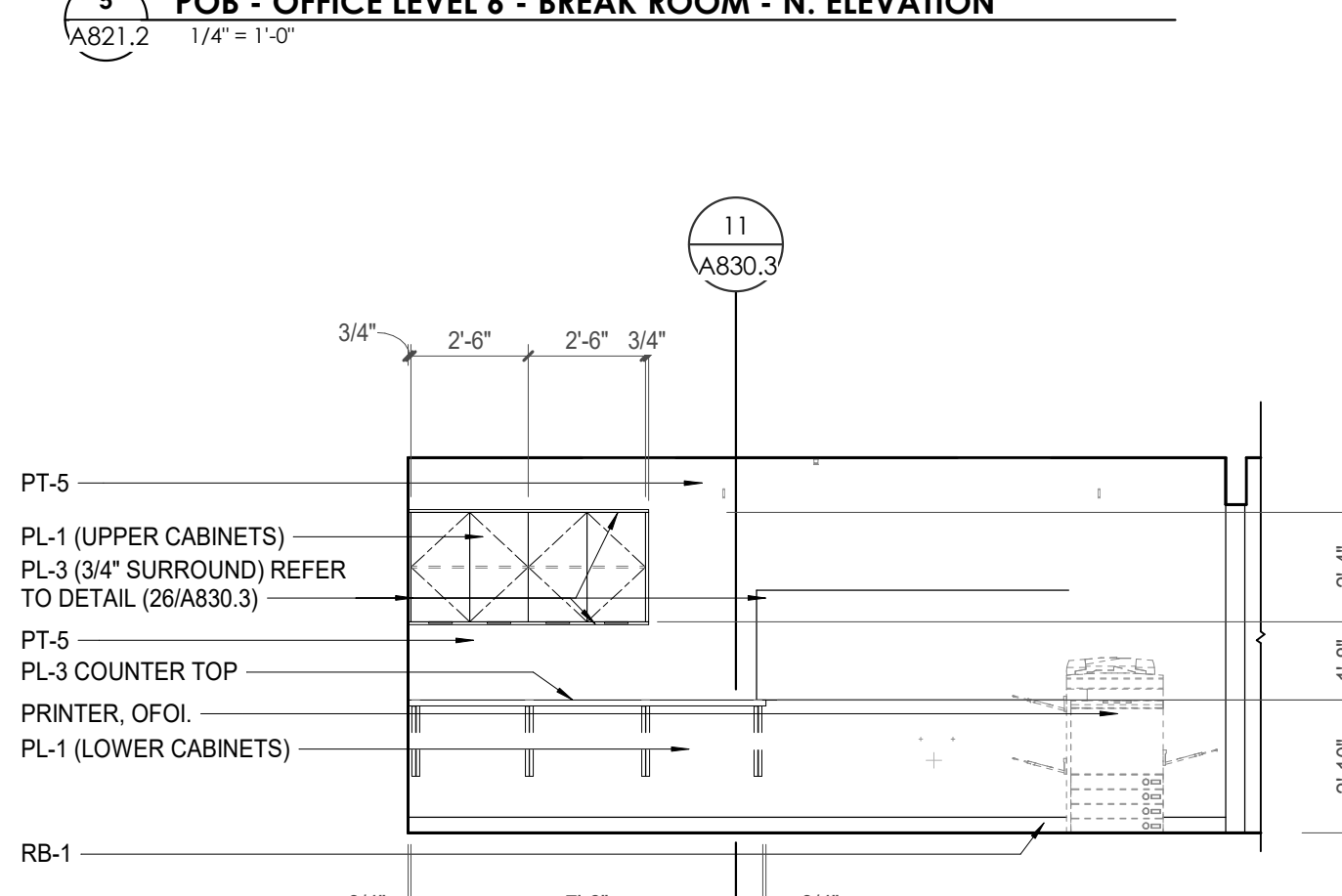


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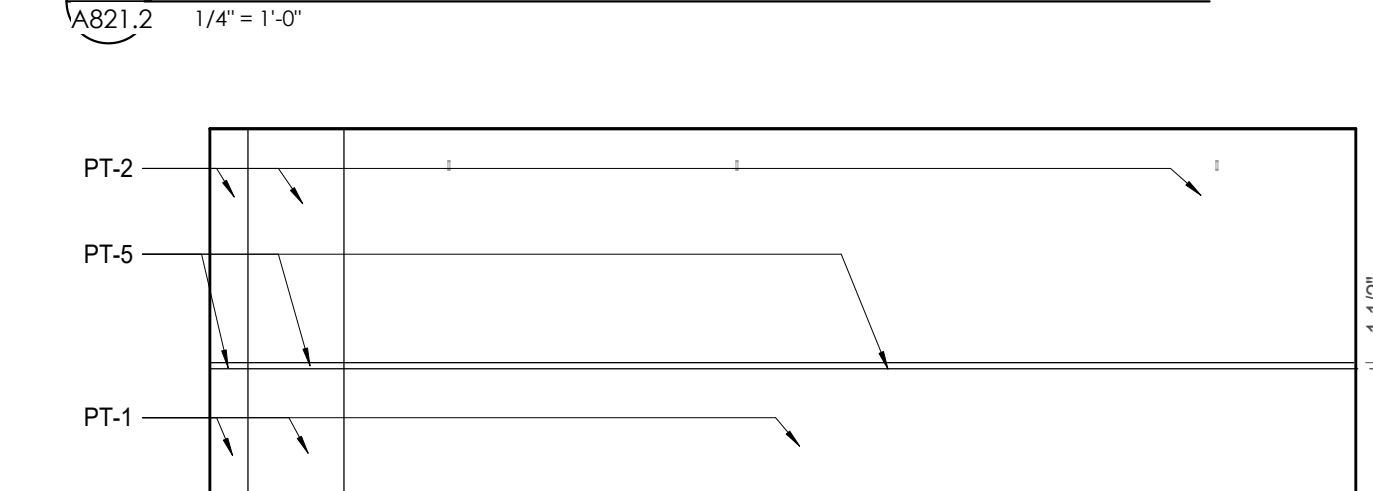
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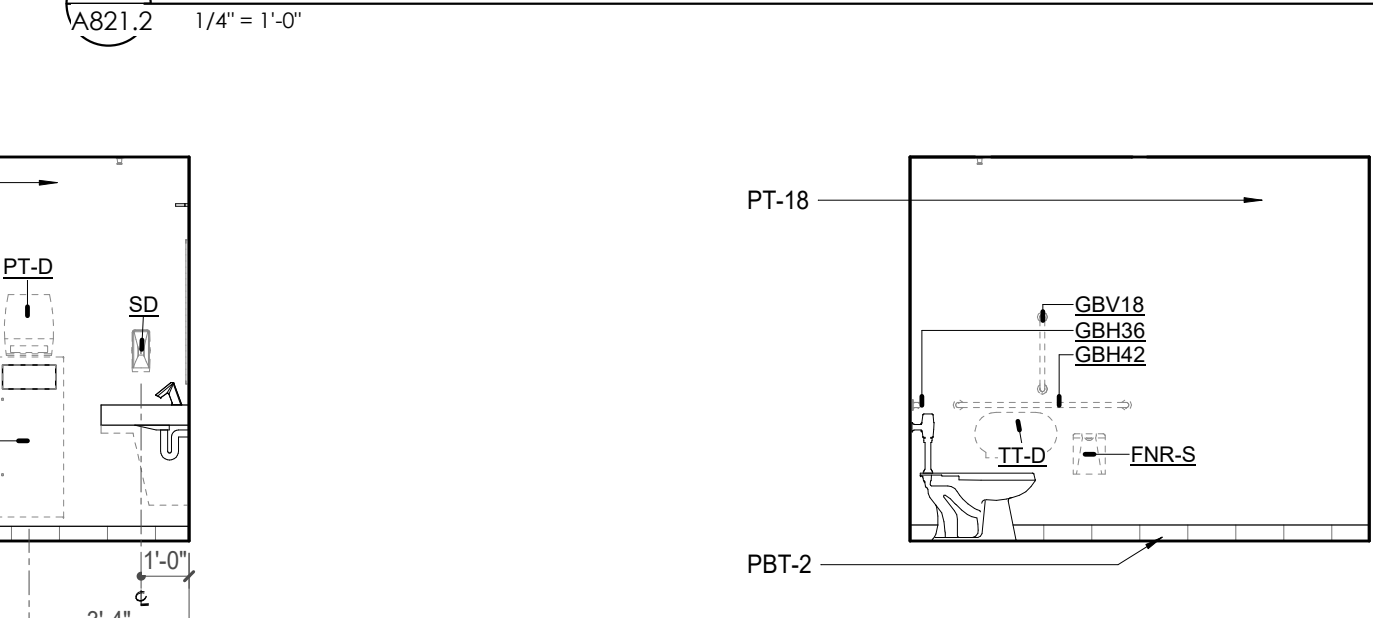
5 POB - OFFICE LEVEL 6 - BREAK ROOM - N. ELEVATION



6 POB - OFFICE LEVEL 6 - WORK ROOM - N. ELEVATION



9 POB - OFFICE LEVEL 6 - 9.12 RECEPTION 626 W. ELEVATION



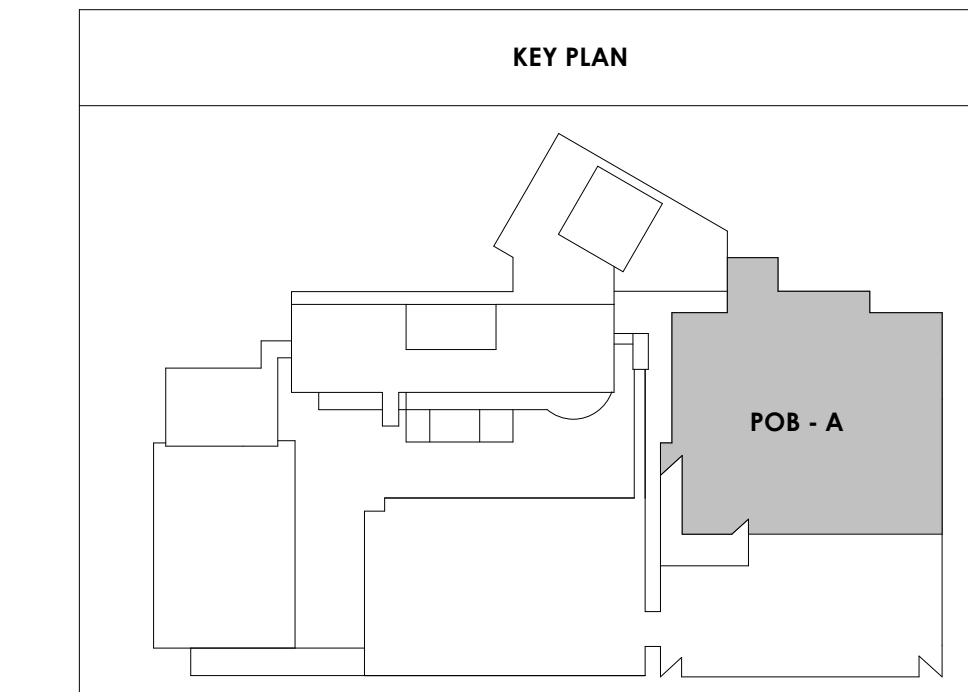
REFLECTED CEILING PLAN LEGEND	
	24" x 24" ACOUSTICAL CEILING TILE GRID
	44" x 48" ACOUSTICAL CEILING TILE GRID
	GYPSUM BOARD CEILING
	WOOD PANEL CEILING
	EIFS SOFFIT
	CEILING TYPE INDICATOR
	CEILING HEIGHT AFF
	CEILING TYPE INDICATOR
CEILING TYPES:	
	GYP : GYPSUM BOARD CEILING
	ACT : ACOUSTICAL TILE CEILING
	MTL : METAL PANEL SOFFIT
	EXP : EXPOSED TO STRUCTURE
	4" DIA. RECESSED CAN LIGHT
	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

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. 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
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 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 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
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33	NEW DROP BOX
34	HIGH LOW WATER COOLER
35	OWNER PROVIDED HIGH DENSITY MOBILE STORAGE SYSTEM AND OVERLAP RAILS
36	6" DEEP SHELF
37	ABANDON EXISTING ELEVATOR
38	EXISTING FULL HEIGHT SPANDREL PANEL
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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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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.



2/17/2021 5:18:26 PM



Project Information:

19018

COK SAFETY BUILDING

900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:

Architects Design Group

#	ISSUE	DATE
2	ADD #2.1	02/17/21

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

Drawing Info:

A821.3

POB - ENLARGED PLANS & ELEVATIONS - LEVEL 6

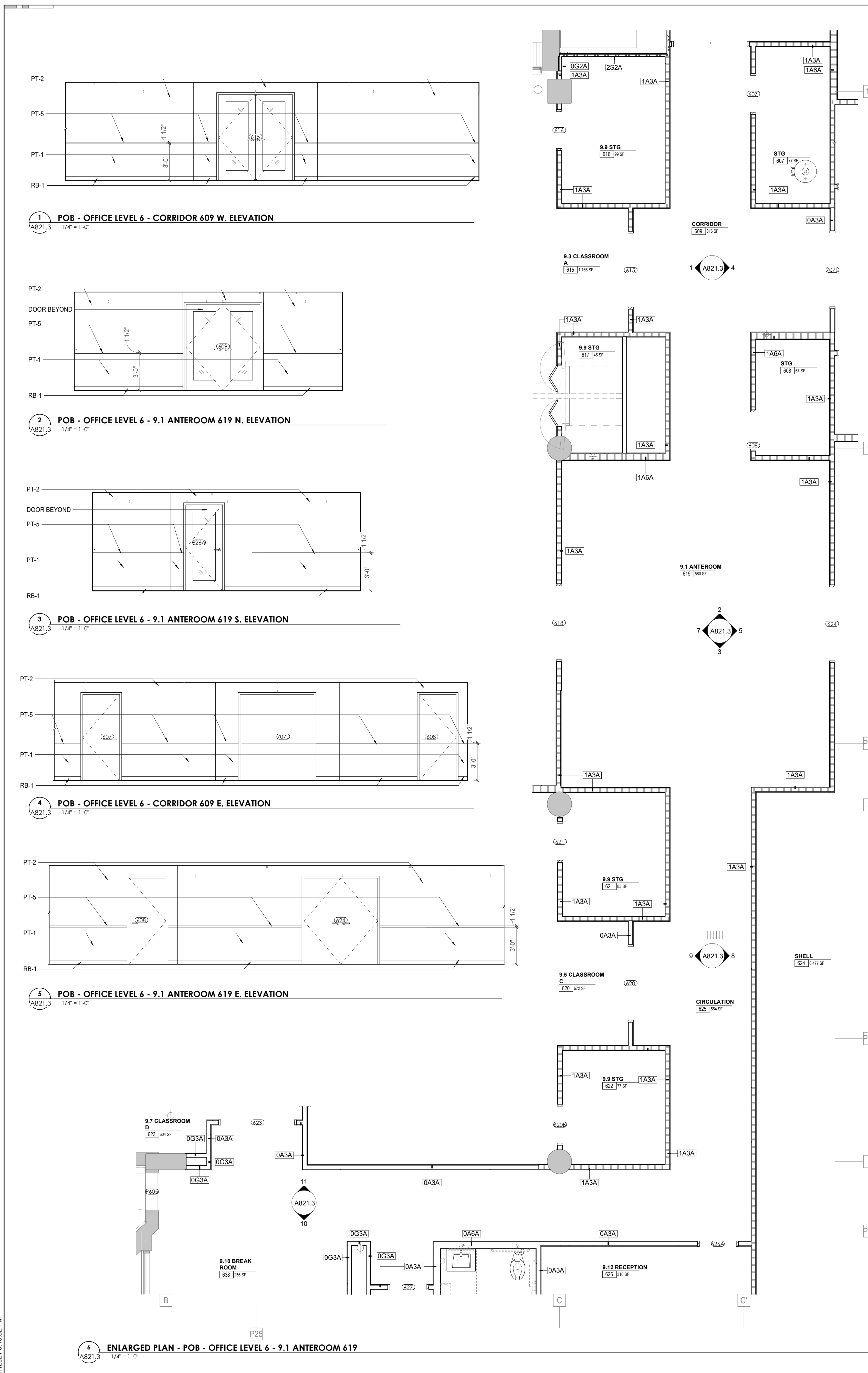
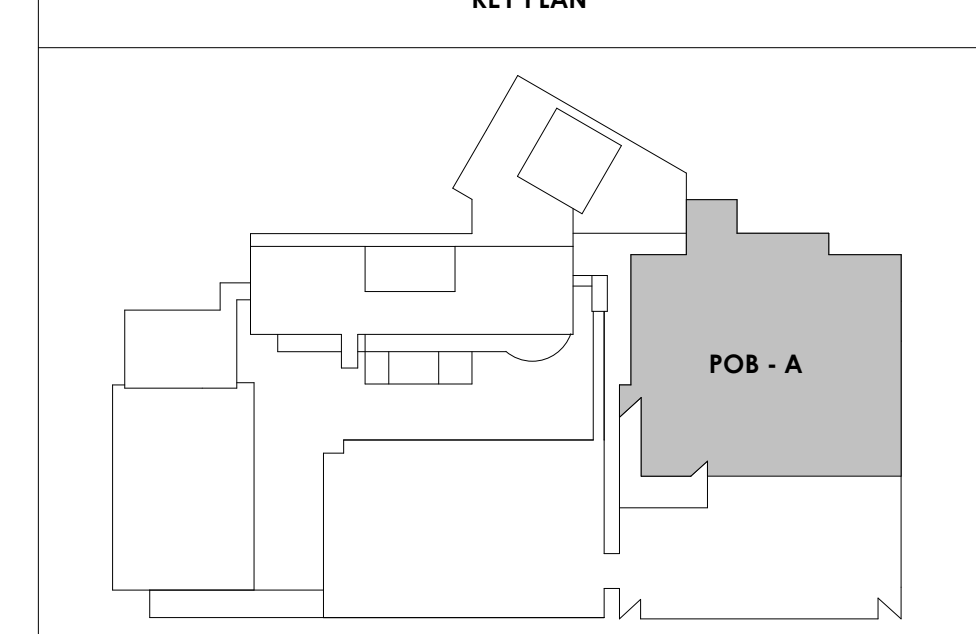
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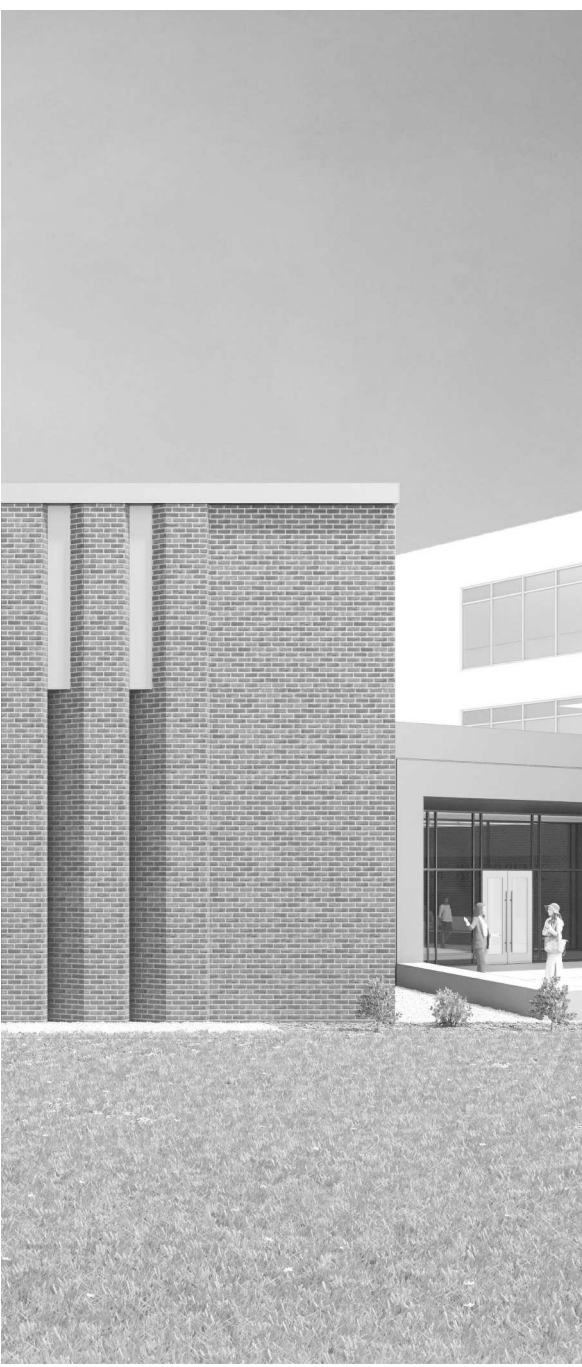
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69	CEILING MOUNTED TV. PROVIDE NECESSARY MOUNTING HARDWARE - SEE ELECTRICAL AND TELECOMMUNICATIONS
70	OWNER PROVIDED MICROWAVE, N.I.C. - COORDINATE REQUIRED UTILITY CONNECTIONS
71	24" DEEP STAINLESS PASS THROUGH COUNTER INSTALLED 34" A.F.F. SEE ENLARGED 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

KEY PLAN



2/17/2021 5:18:32 PM



Project Information:

19018

COK SAFETY BUILDING

900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:

Architects Design Group

#	ISSUE	DATE
2	ADD #2.1	02/17/21

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

Drawing Info:

A822.1

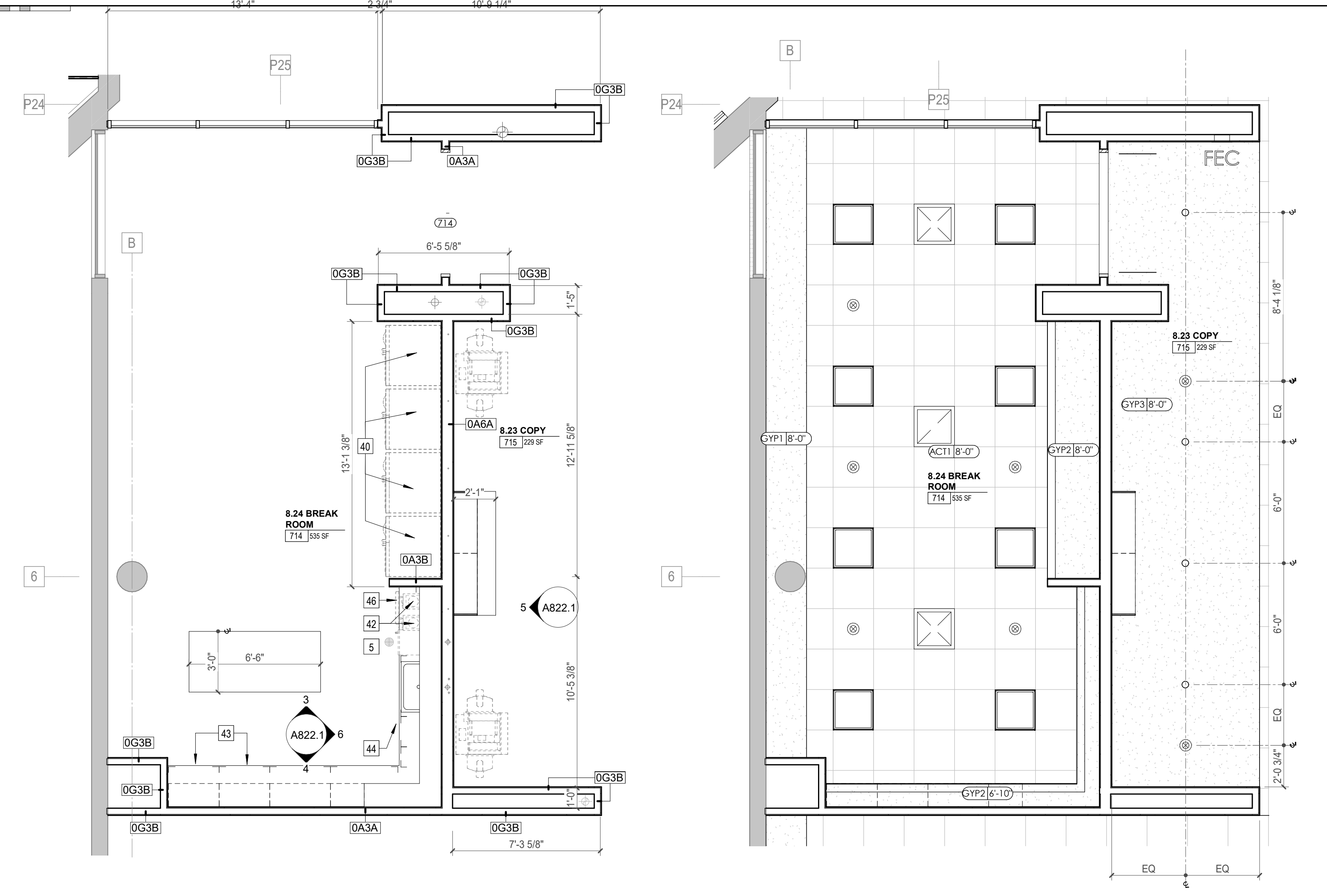
POB - ENLARGED PLANS & ELEVATIONS - LEVEL 7

WALL LEGEND	
	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
3	EXISTING ELEVATOR TO BE BE MODIFIED/REPLACED AS REQUIRED TO REACH ALL FOUR (4) FLOORS. SEE ELEVATOR PLANS & DETAILS SHEET FOR INFO.
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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.
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14	NEW PASS THRU LOCKERS - TYPE 3
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19	OWNER PROVIDED COPIER - N.I.C.
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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
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55	NEW BADGE IN ACCESS READER. SEE SHEET AS120 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
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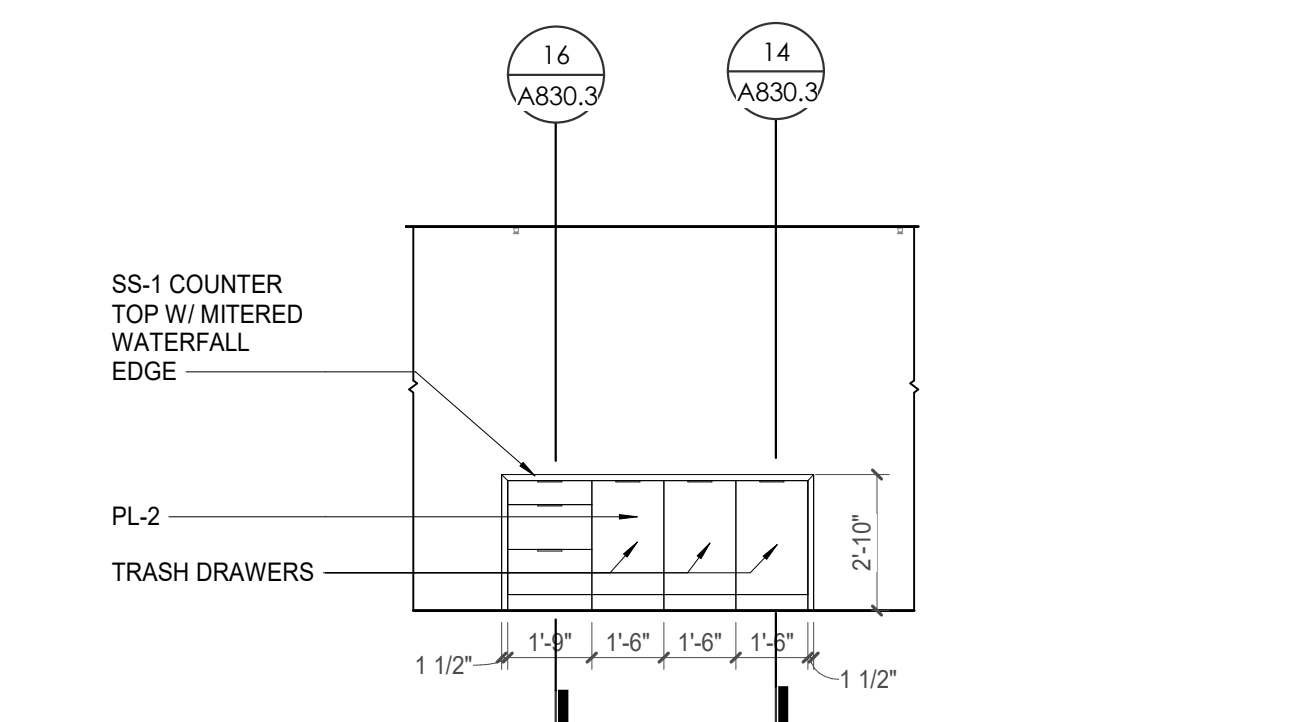
REFLECTED CEILING PLAN LEGEND	
	24" x 24" ACOUSTICAL CEILING TILE GRID
	44" x 48" ACOUSTICAL CEILING TILE GRID
	GYPSUM BOARD CEILING
	WOOD PANEL CEILING
	EIFS SOFFIT
**SUSPENDED CEILING AND GRID TO MEET SEISMIC DESIGN REQUIREMENTS AND ASTM C635 AND ASTM C636 - REFER TO SPECIFICATIONS	
	CEILING TYPE INDICATOR
	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
	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	
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3	OPERABLE WALL PARTITION
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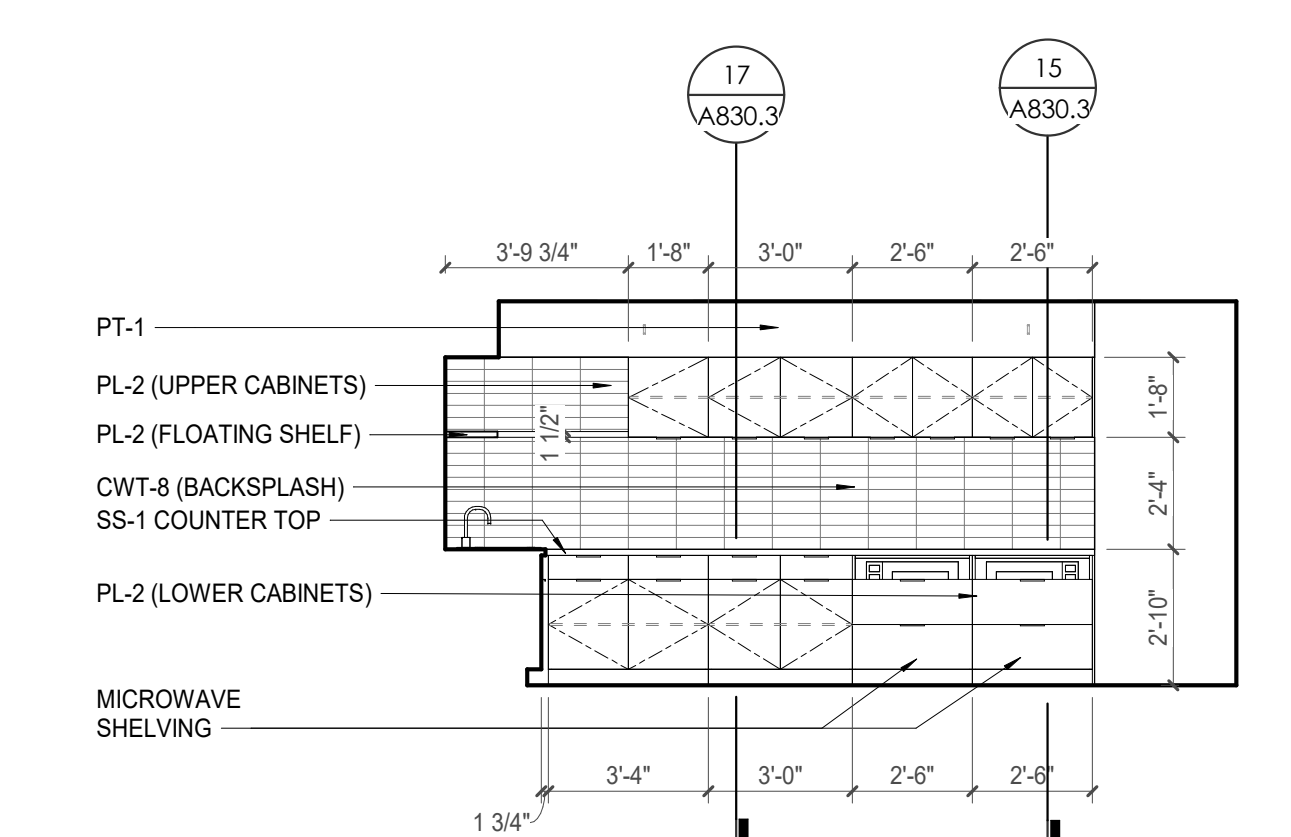


1 ENLARGED PLAN - POB - OFFICE LEVEL 7 - 8.24 BREAK ROOM 714/8.23 COPY 715
1/4" = 1'-0"

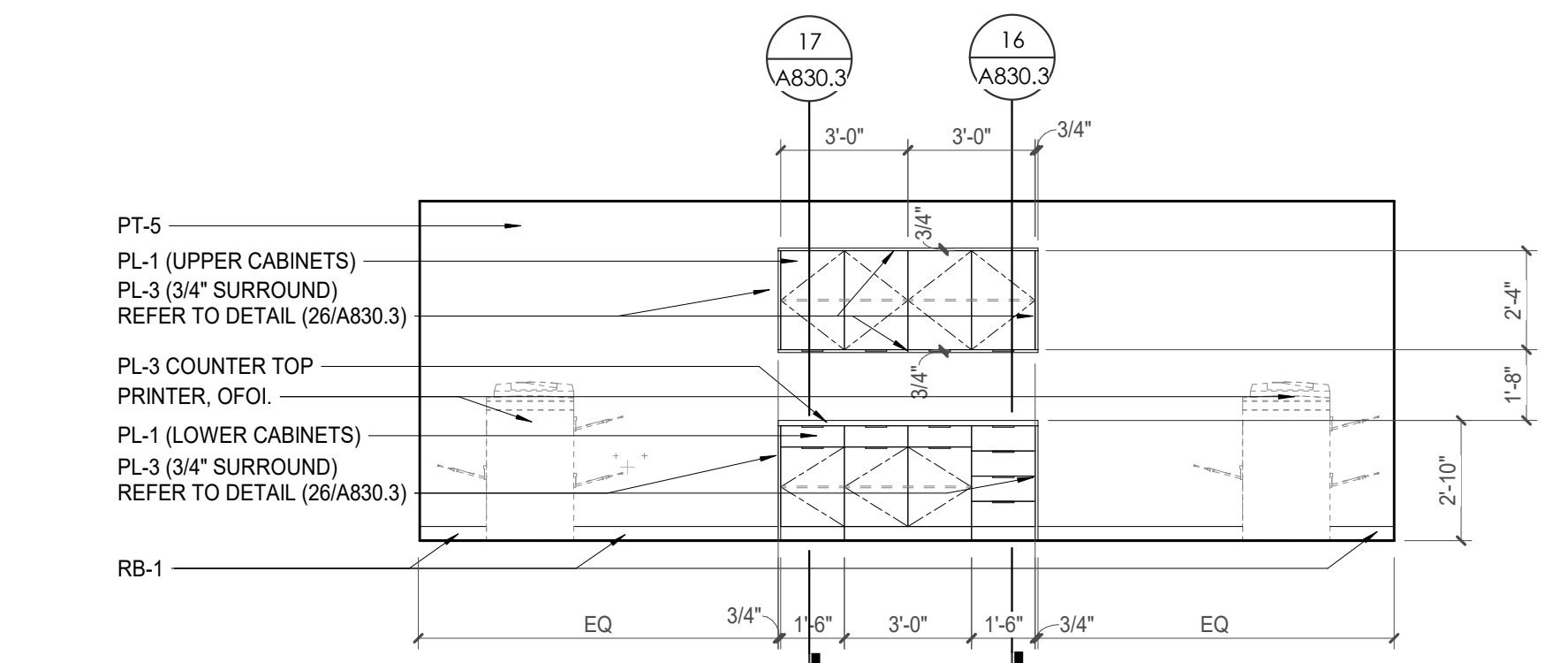
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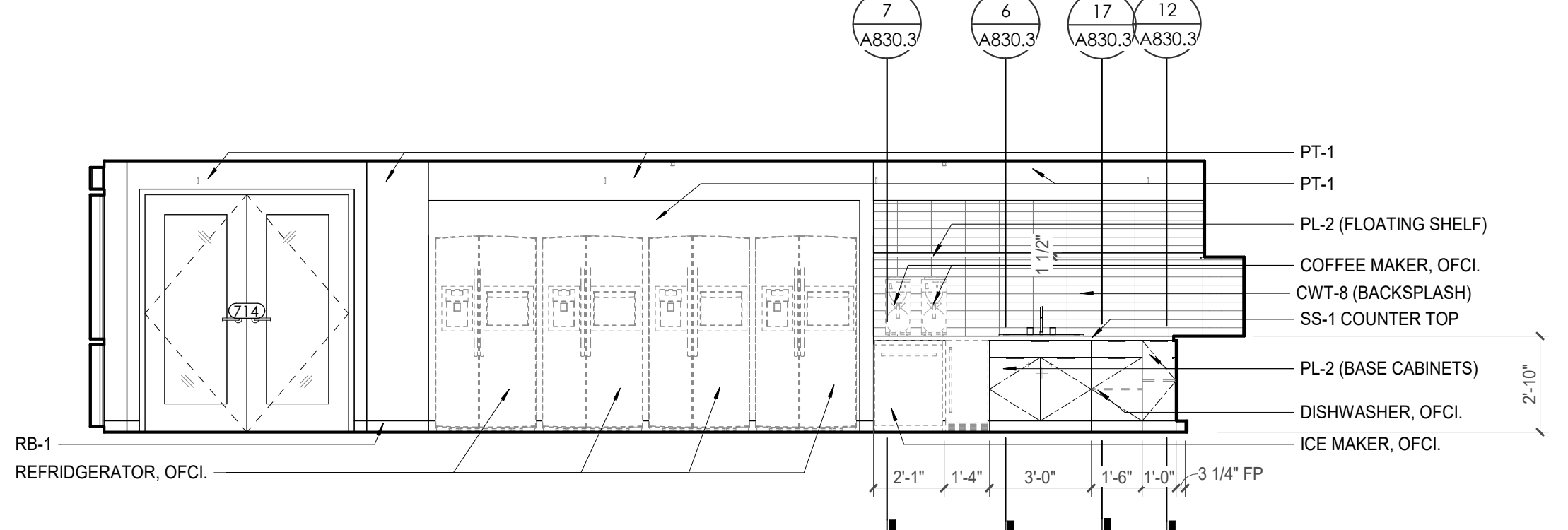
3 POB - OFFICE LEVEL 7 - BREAK ROOM - N. ELEVATION
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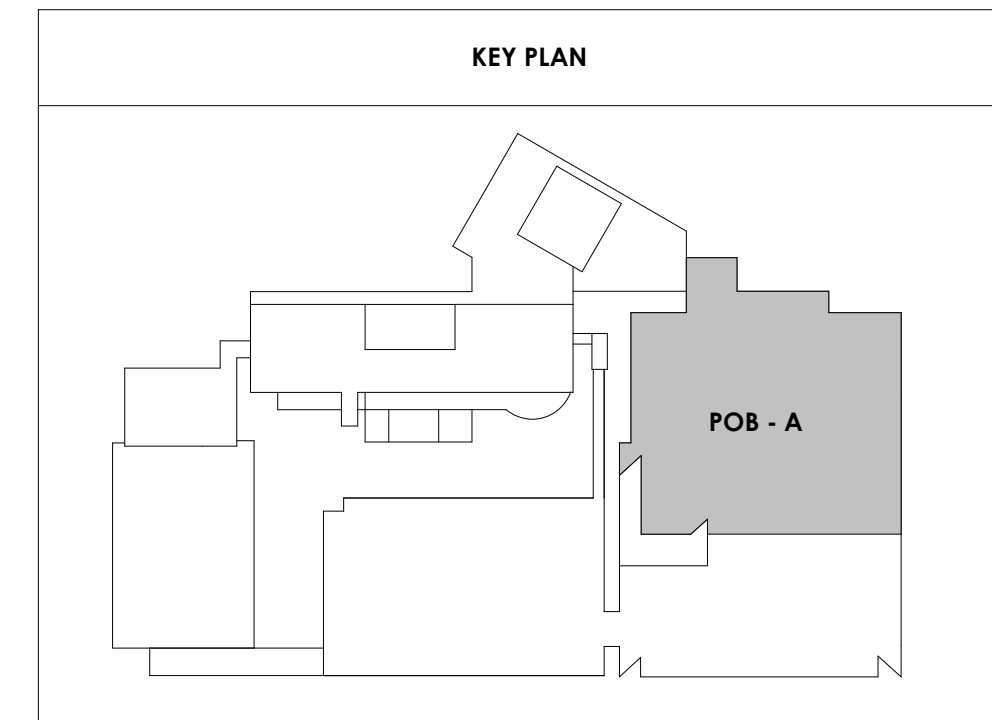
4 POB - OFFICE LEVEL 7 - BREAK ROOM - S. ELEVATION
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5 POB - OFFICE LEVEL 7 - COPY - W. ELEVATION
1/4" = 1'-0"



6 POB - OFFICE LEVEL 7 - BREAK ROOM - E. ELEVATION
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 PIC: DAVID COLLINS
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 PA: LAUREN BUSH / NATHY GRULLON
 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
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- HVAC CEILING SUPPLY
- HVAC CEILING RETURN
- HVAC LINEAR SUPPLY
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- ACCESS PANEL

WALL LEGEND

- 2 HR PARTITION (ASSEMBLY VARIES)
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- BALLISTIC LEVEL 3 PARTITION (ASSEMBLY VARIES)
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KEYNOTE - FLOOR PLAN

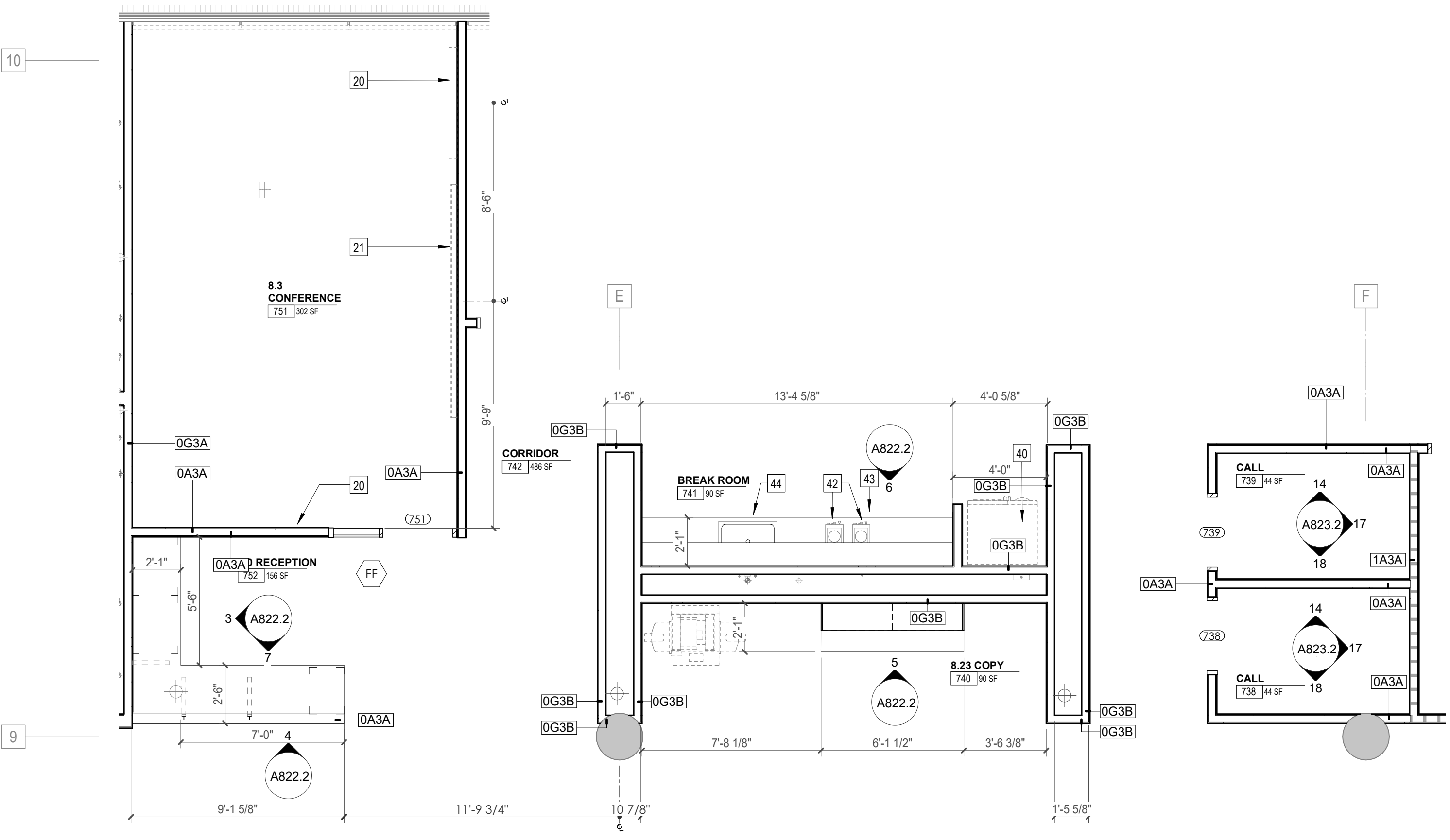
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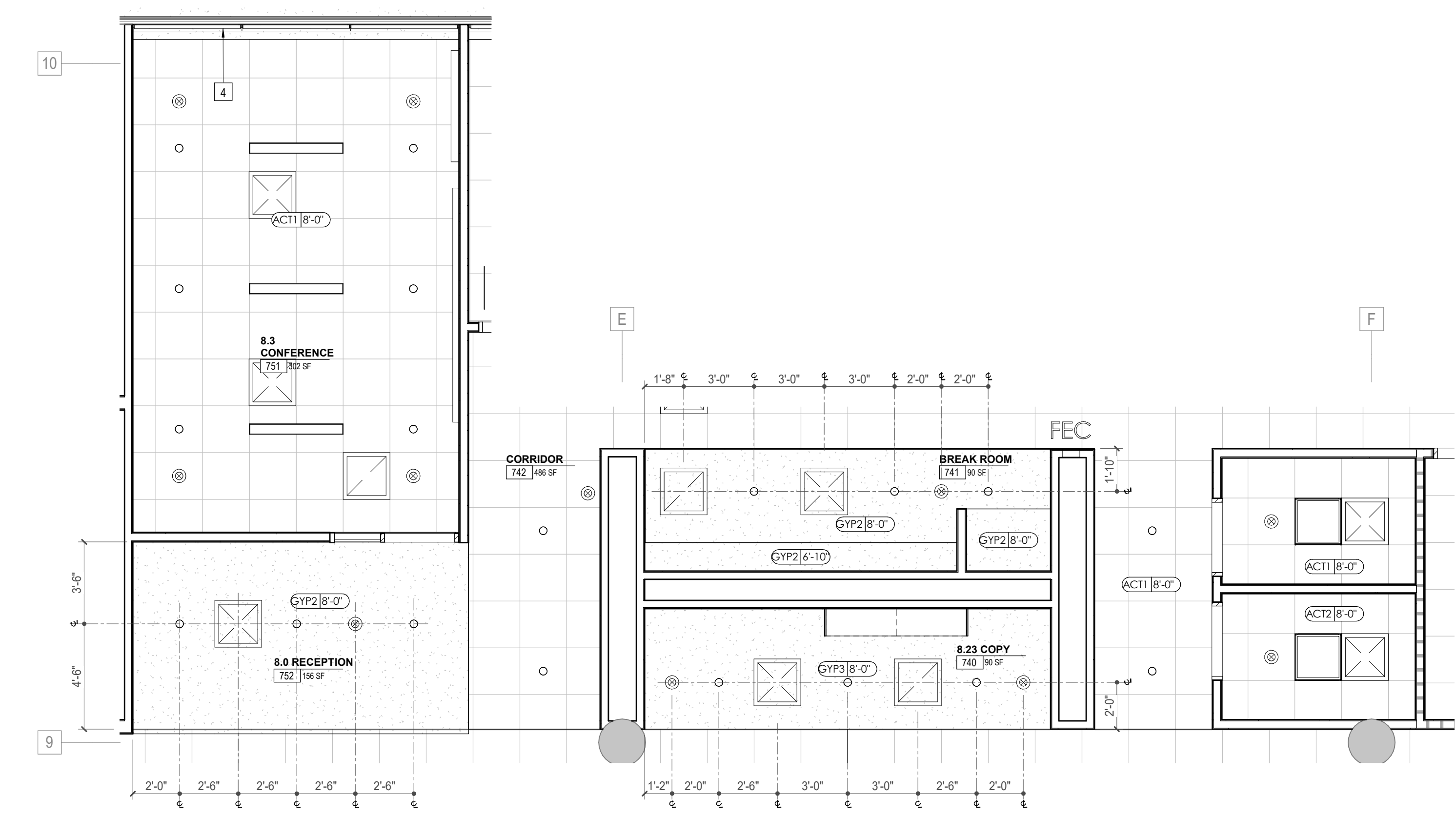
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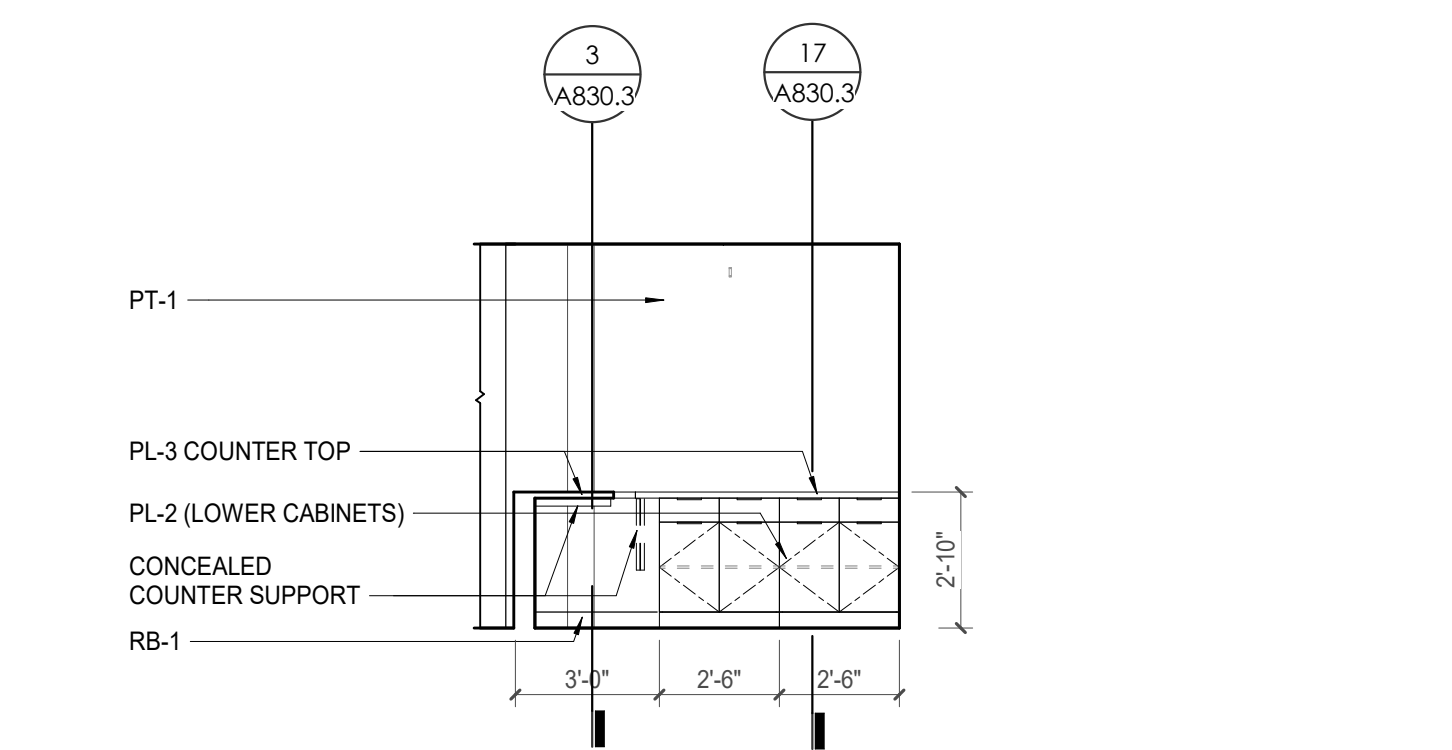
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MR-03	20" X 59" MIRROR, DOOR MOUNTED, BLACK FRAME
FNR-S	FEMININE NAPKIN RECEPTACLE, SURFACE-MTD, FINISH: STAINLESS STEEL
TI-D	TOILET TISSUE, DOUBLE-ROLL DISPENSER, FINISH: BLACK
HD	HAND DRYER, WALL-MOUNTED, FINISH: BLACK
PT-D	AUTOMATIC PAPER TOWEL 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



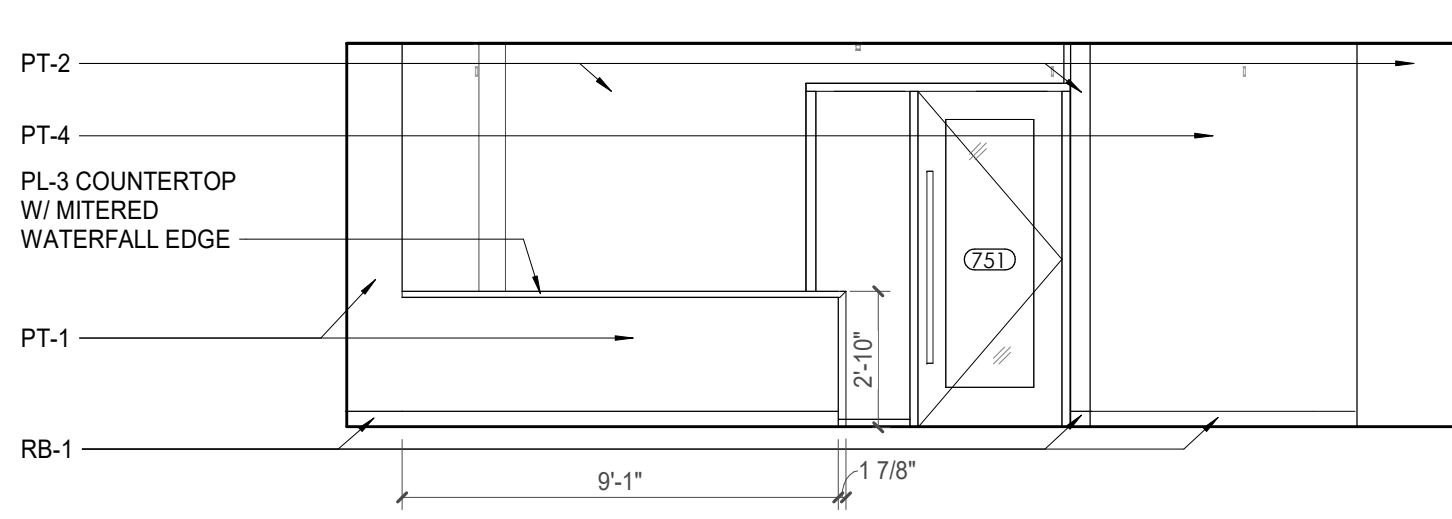
1 ENLARGED PLAN - POB - OFFICE LEVEL 7 - 8.23 COPY 740/8.24 BREAK ROOM 741
1/4" = 1'-0"



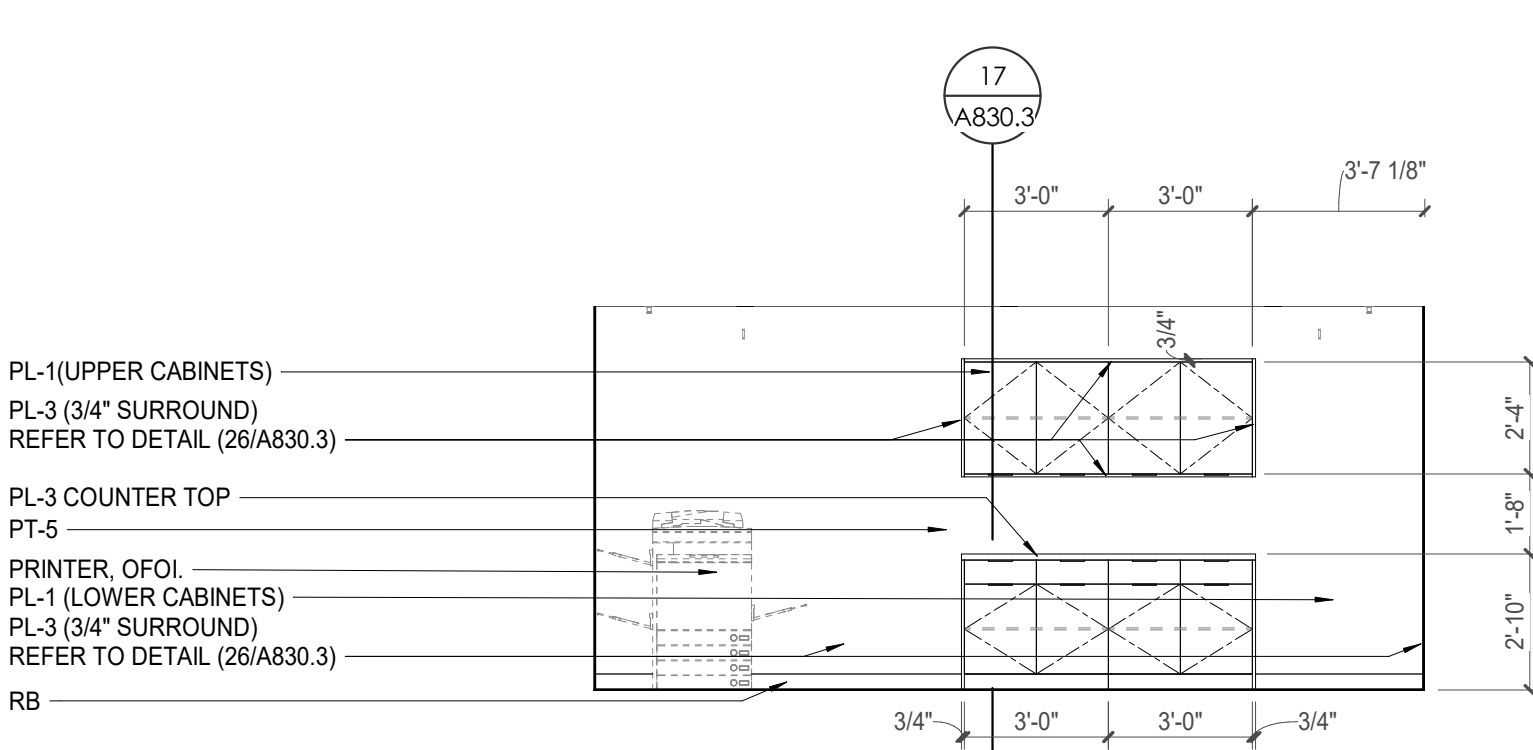
2 ENLARGED RCP - POB - OFFICE LEVEL 7 - 8.23 COPY 740/8.24 BREAK ROOM 741
1/4" = 1'-0"



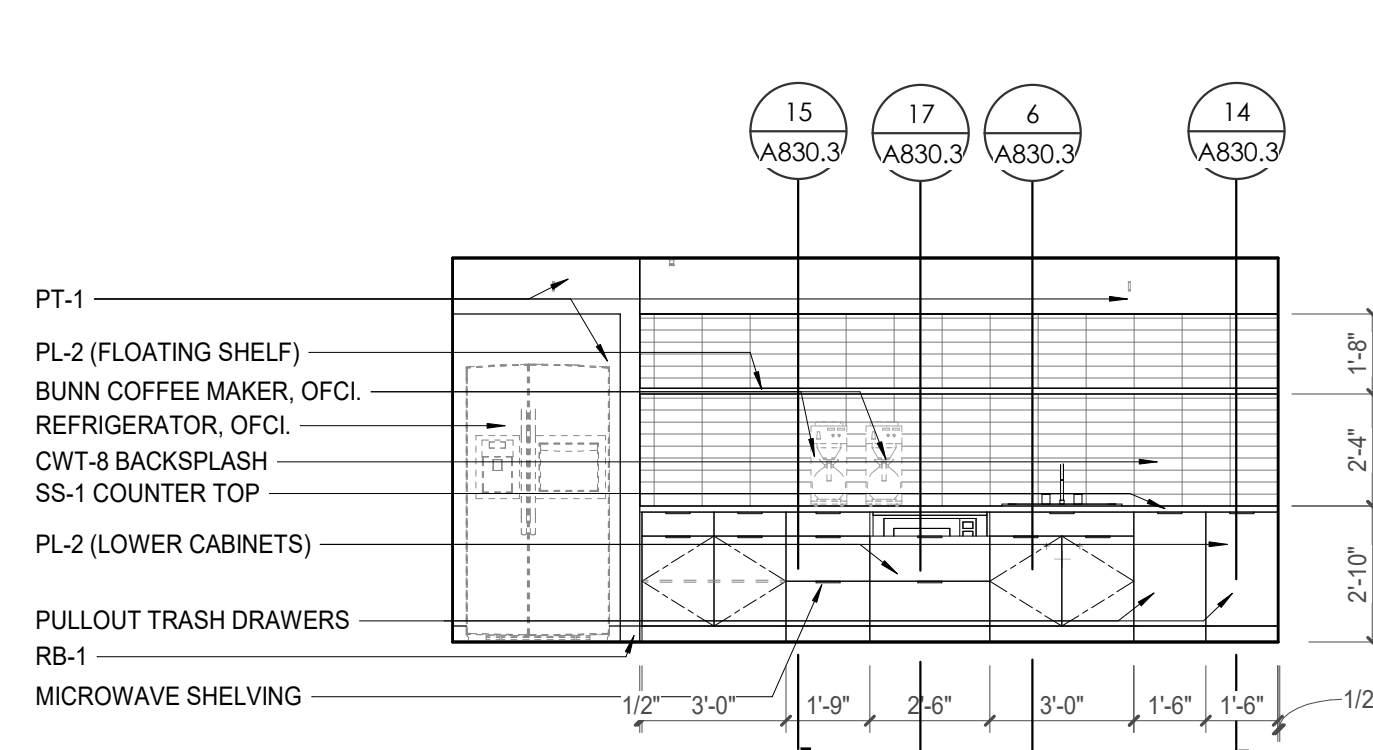
3 POB - OFFICE LEVEL 7 - 8.0 RECEPTION 752 - W. ELEVATION
1/4" = 1'-0"



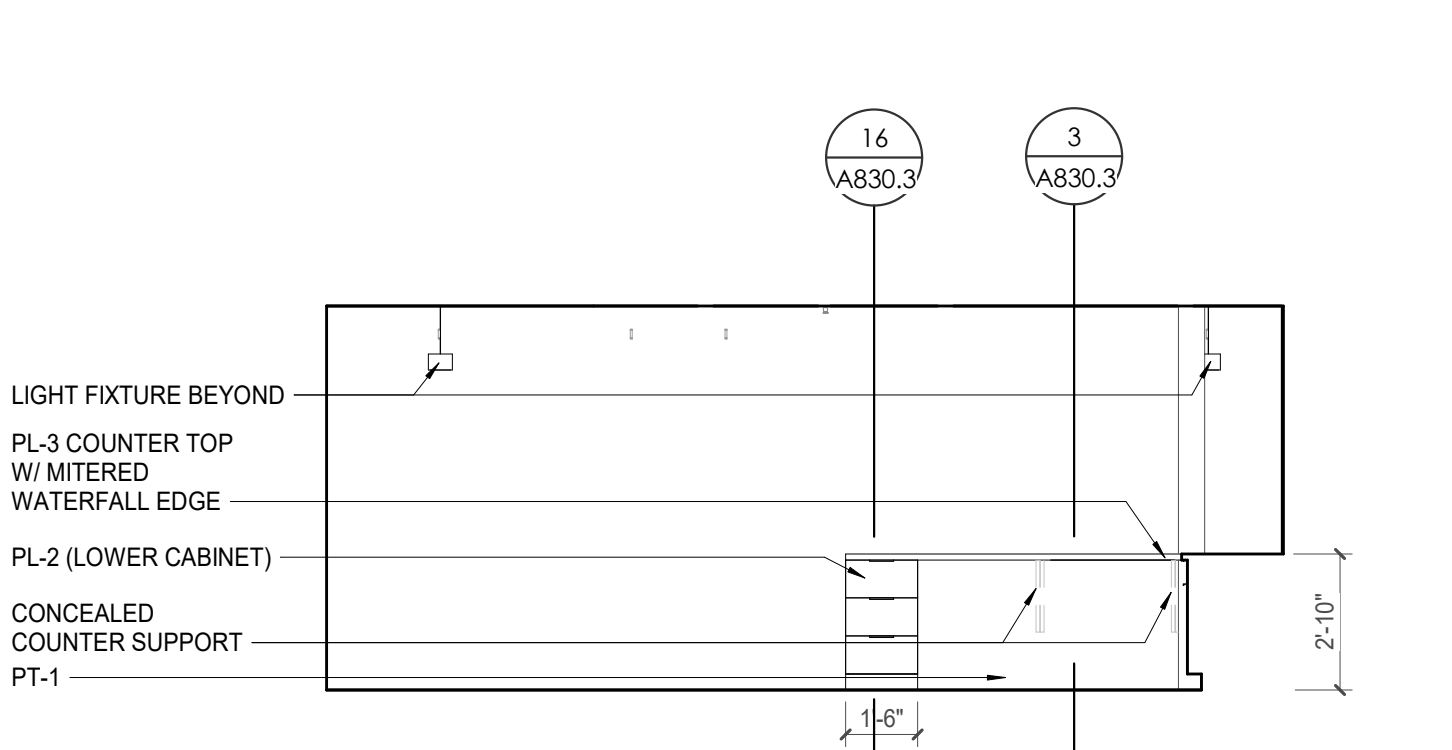
4 POB - OFFICE LEVEL 7 - 8.0 RECEPTION 752 - N. ELEVATION
1/4" = 1'-0"



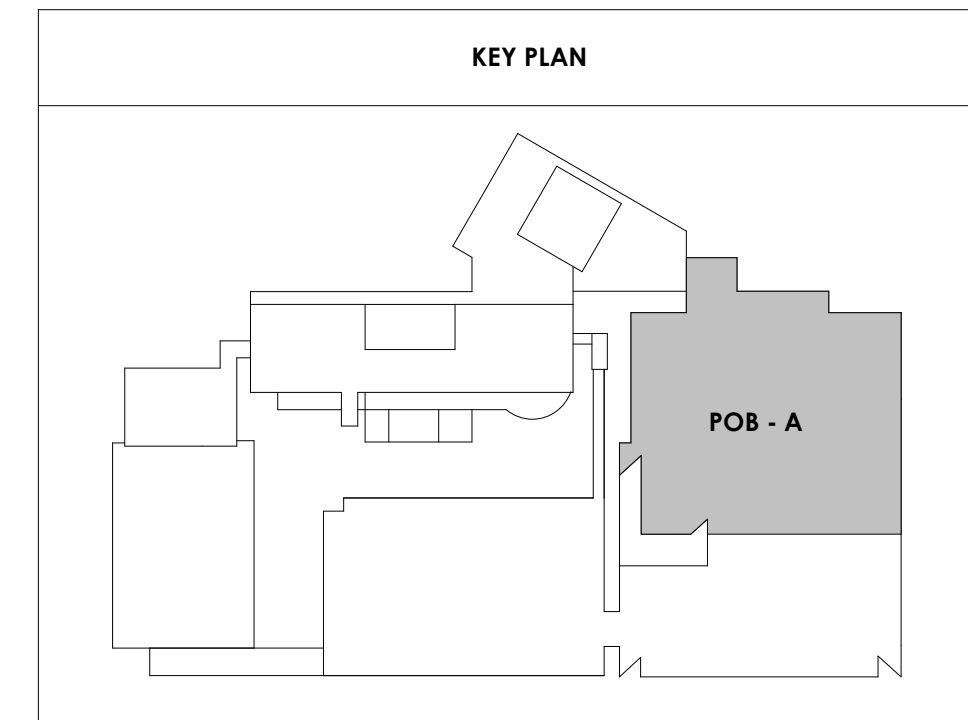
5 POB - OFFICE LEVEL 7 - 8.23 COPY 740 - N. ELEVATION
1/4" = 1'-0"

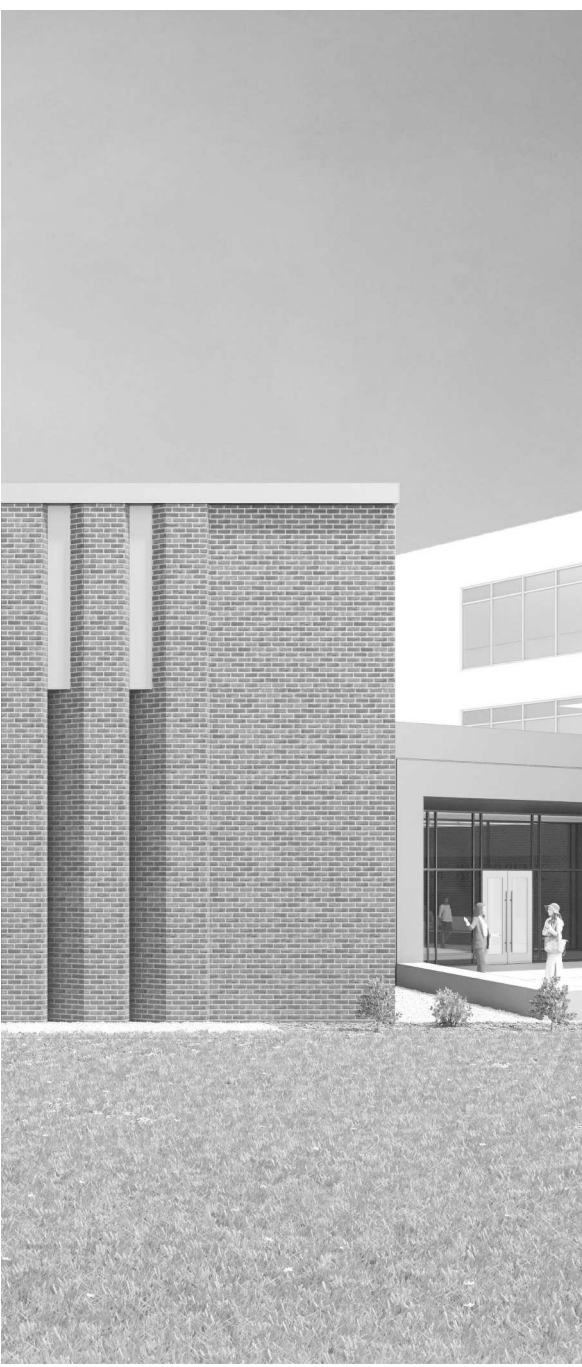


6 POB - OFFICE LEVEL 7 - 8.24 BREAK ROOM 741 - S. ELEVATION
1/4" = 1'-0"



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

Seal:



Consultant:

Architects Design Group

#	ISSUE	DATE
2	ADD #2.1	02/17/21

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

Drawing Info:

A823.1

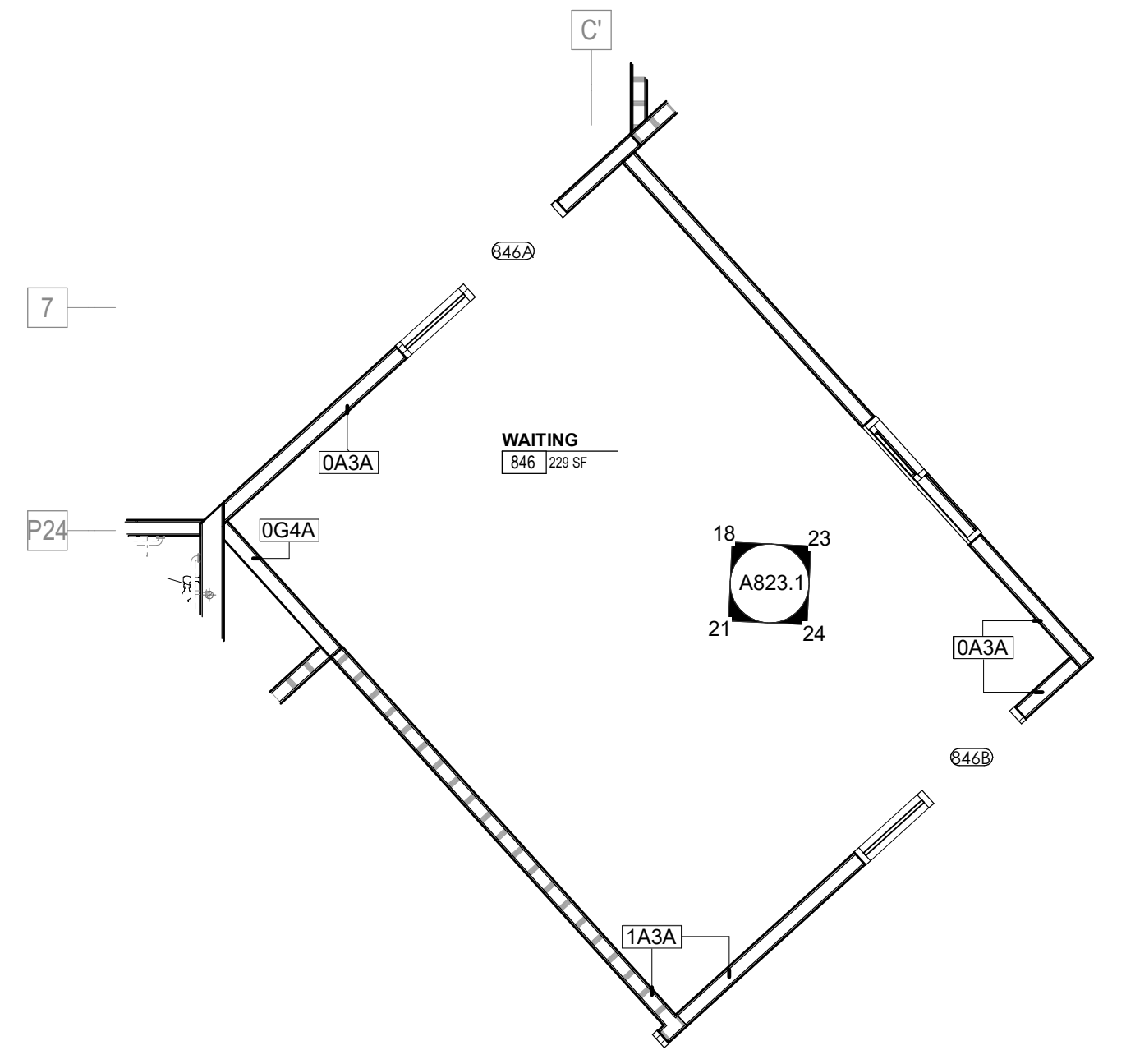
POB - ENLARGED PLANS & ELEVATIONS - LEVEL 8

WALL LEGEND	
	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 FRATING 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 OVERLAP 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
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.

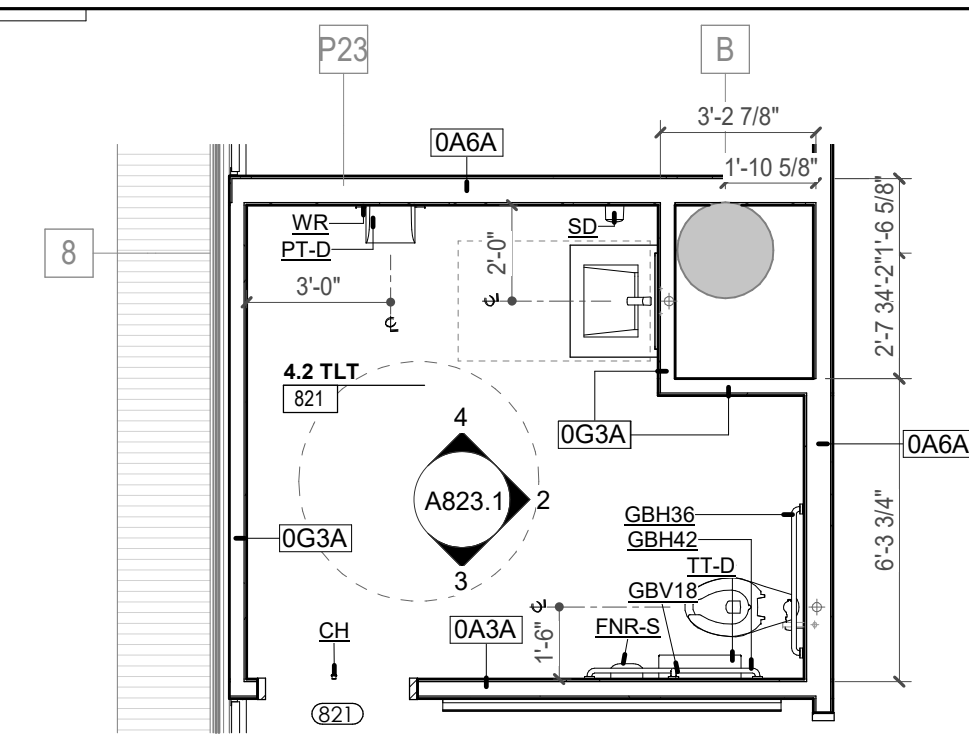
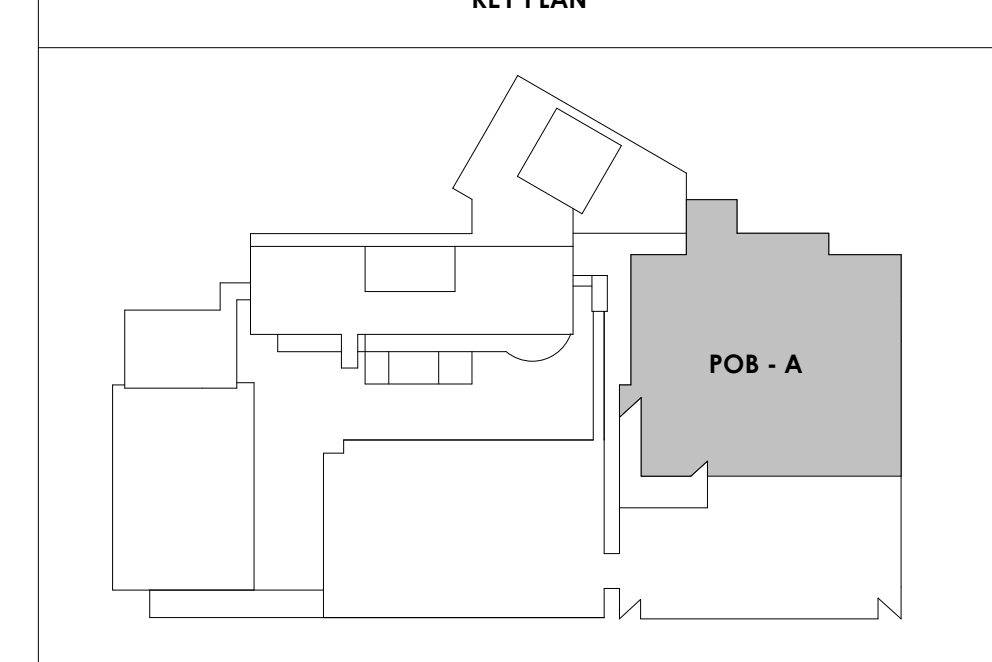
35 OWNER PROVIDED HIGH DENSITY MOBILE STORAGE SYSTEM AND OVERLAP RAILS



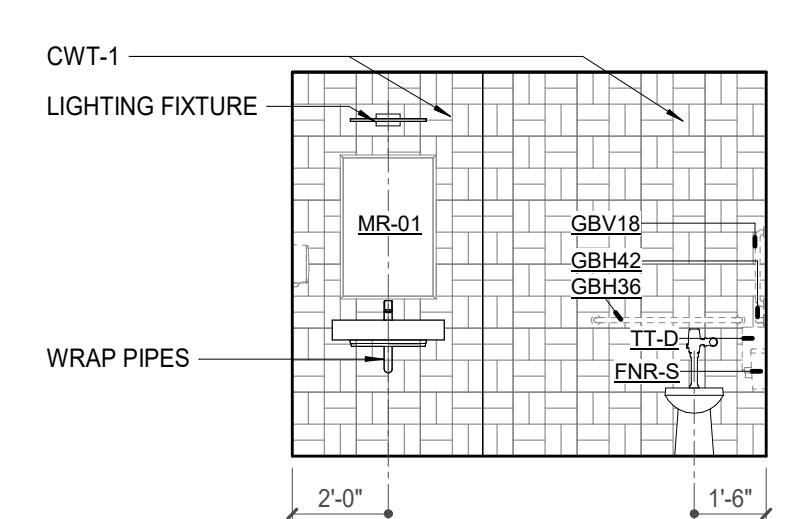
16 ENLARGED PLAN - POB - OFFICE LEVEL 8 - WAITING 846

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

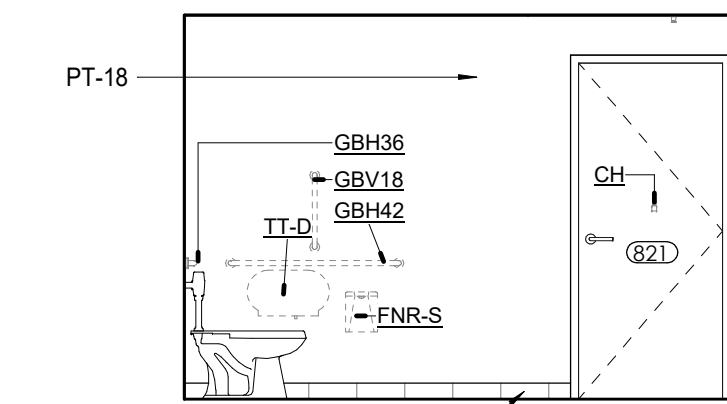
KEY PLAN



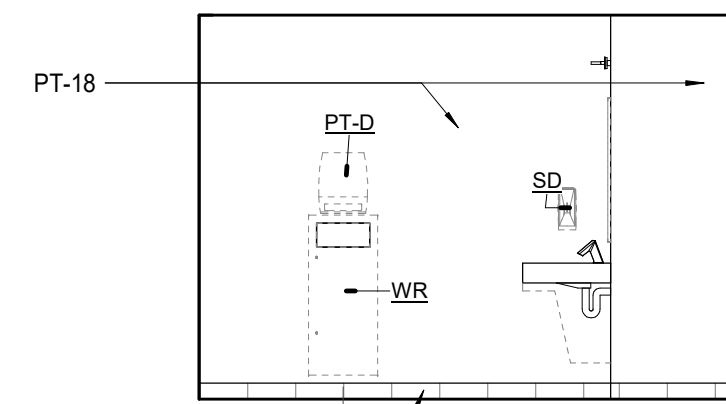
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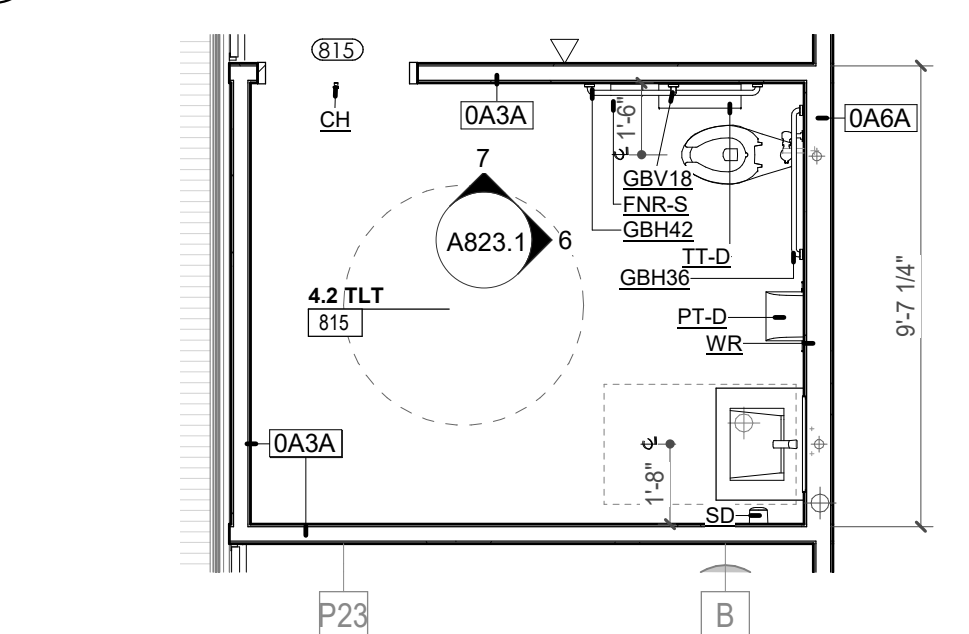
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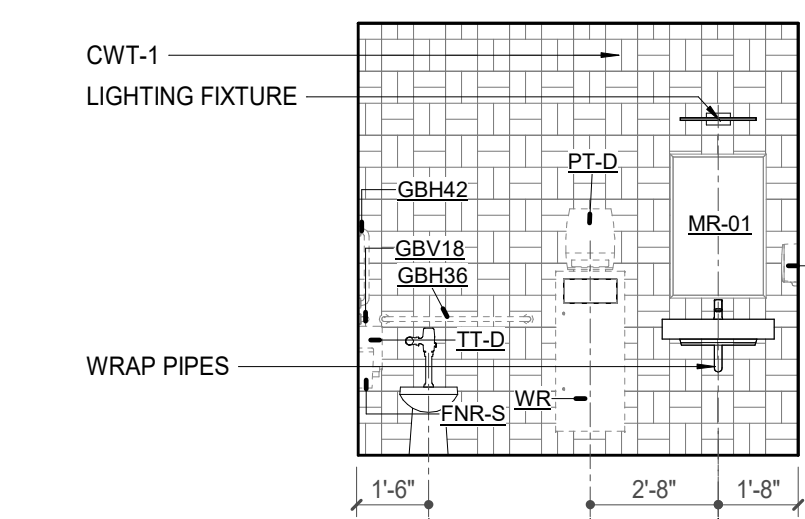
3 POB - OFFICE LEVEL 8 - S. TLT 821 - ELEVATION



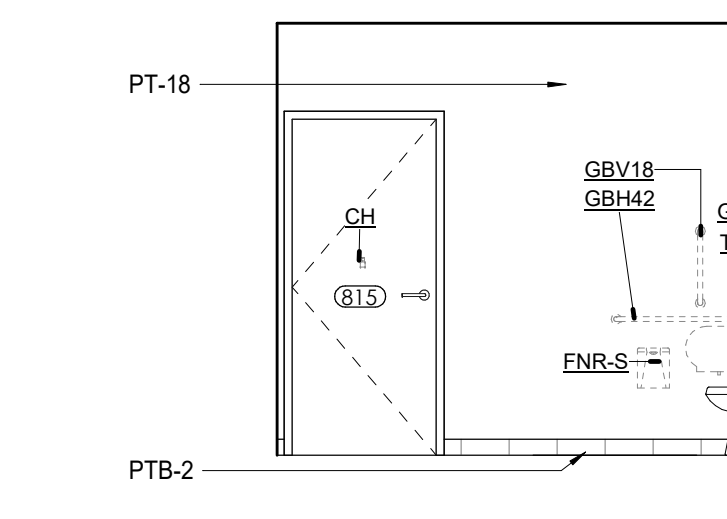
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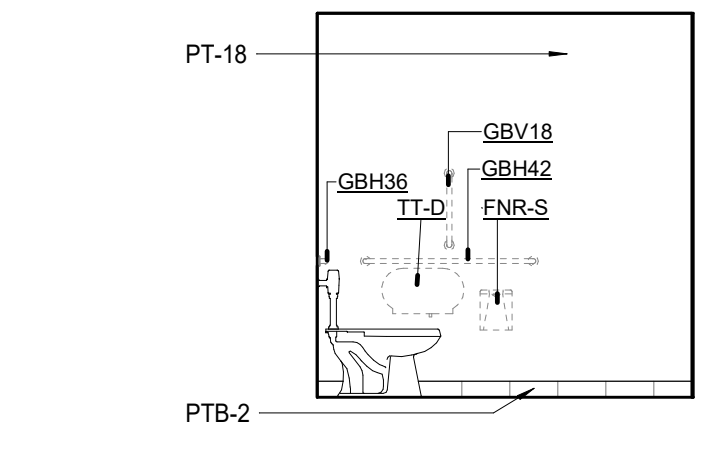
5 ENLARGED PLAN - POB - OFFICE LEVEL 8 - TLT 815



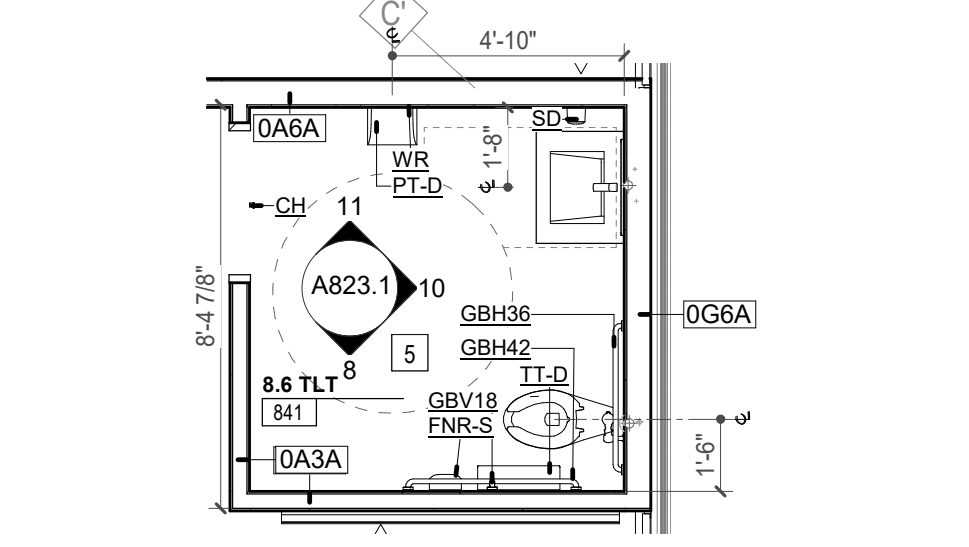
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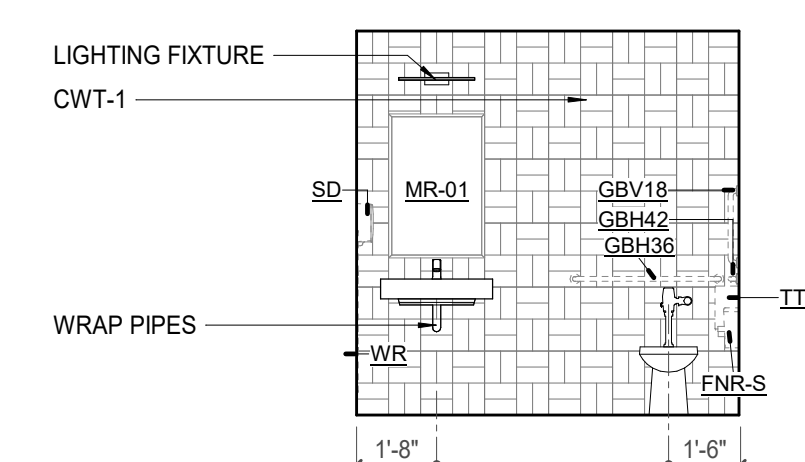
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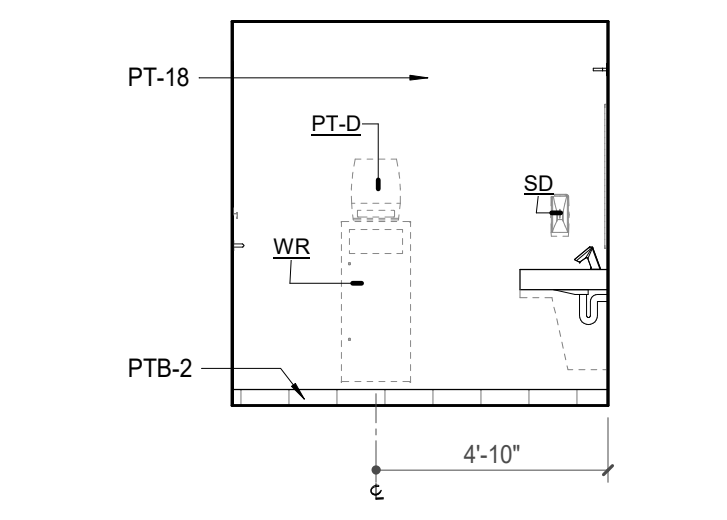
8 POB - OFFICE LEVEL 8 - TLT 841 - S. ELEVATION



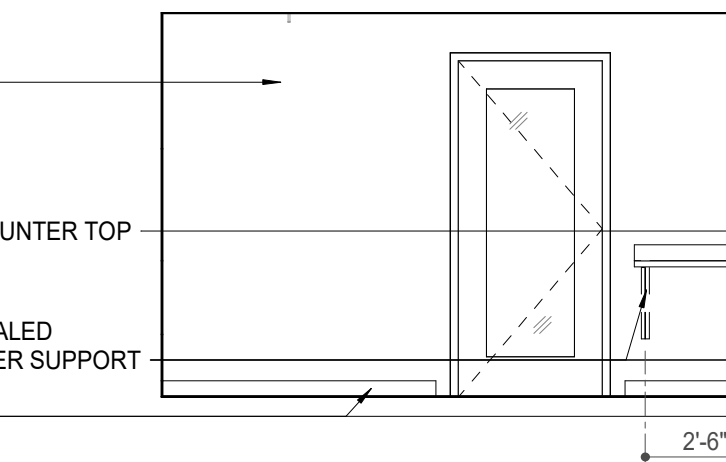
9 ENLARGED PLAN - POB - OFFICE LEVEL 8 - TLT 841



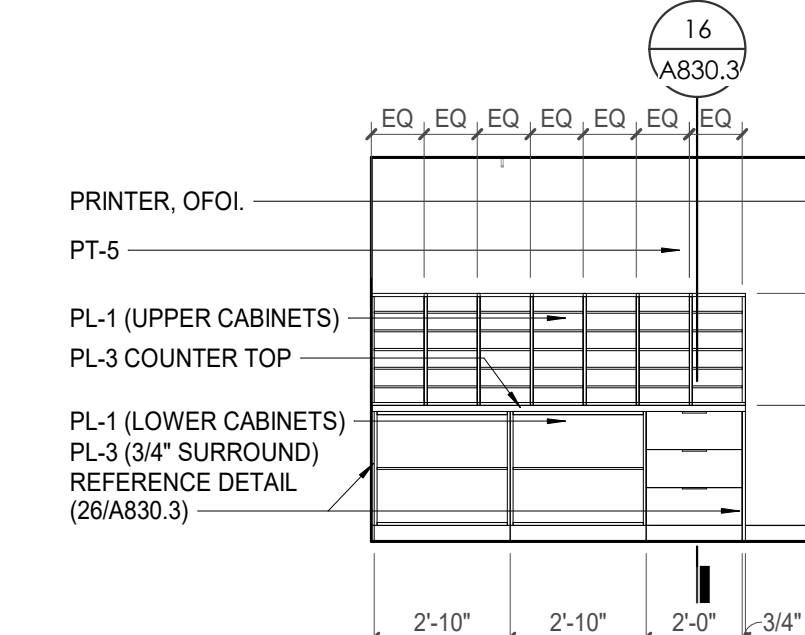
10 POB - OFFICE LEVEL 8 - TLT 841 - E. ELEVATION



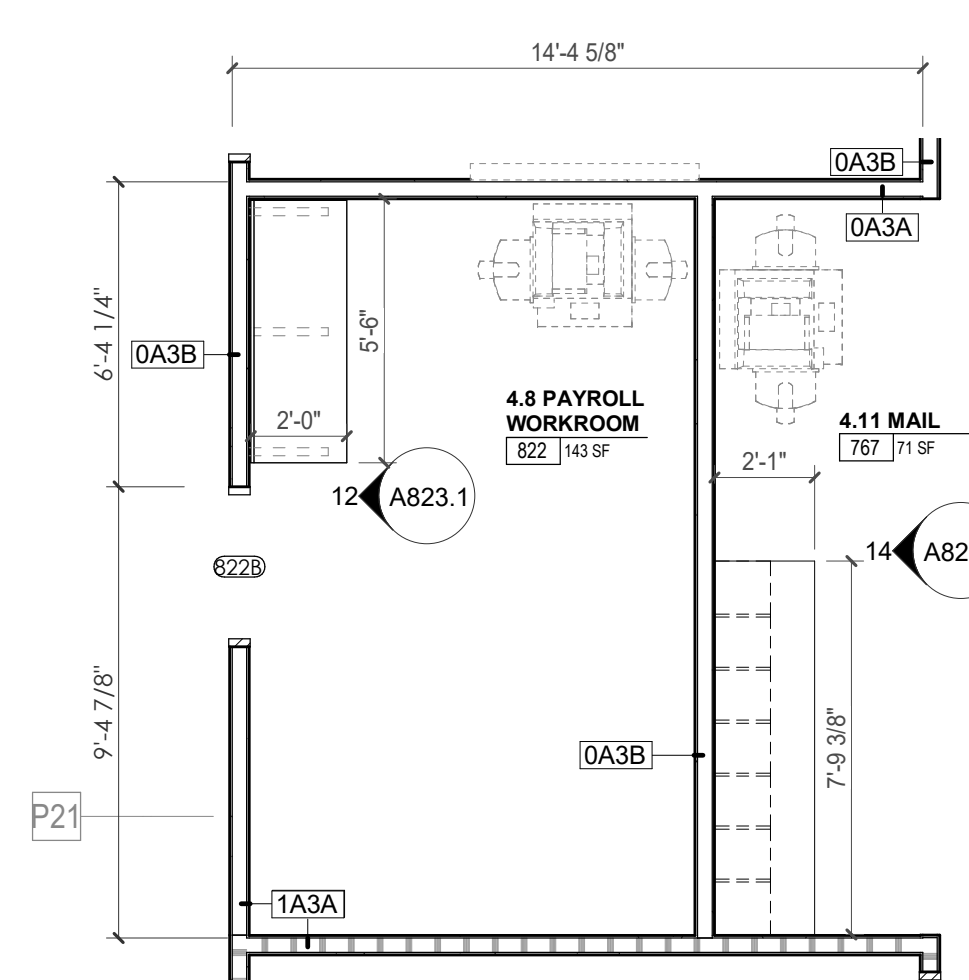
11 POB - OFFICE LEVEL 8 - TLT 841 - N. ELEVATION



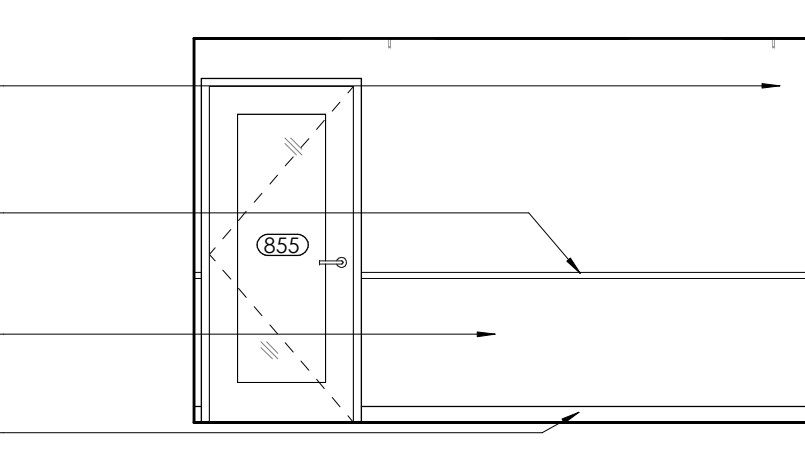
12 POB - OFFICE LEVEL 8 - PAYROLL WORKROOM 822 - W. ELEVATION



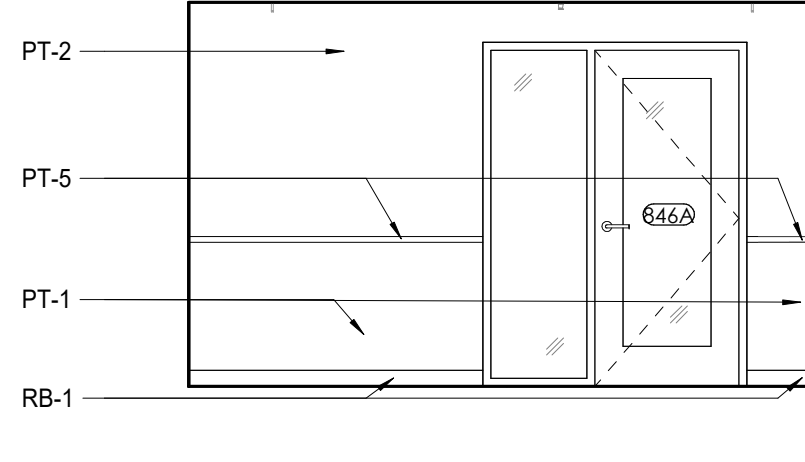
14 POB - OFFICE LEVEL 8 - COPY W. ELEVATION



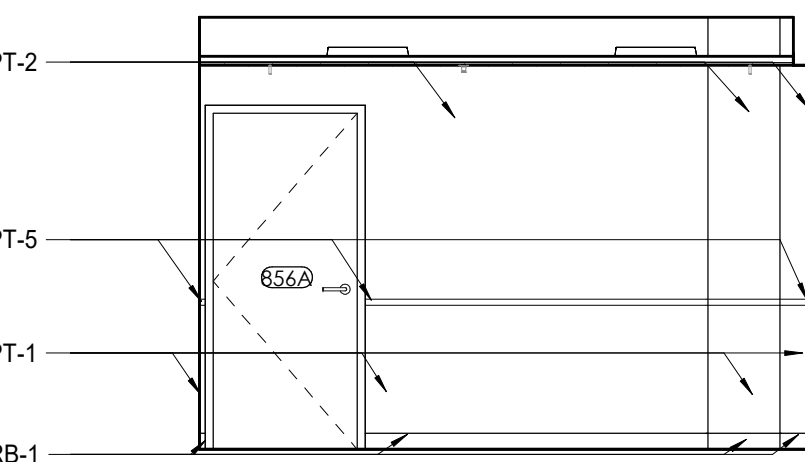
13 ENLARGED PLAN - POB - OFFICE LEVEL 8 - MAIL 822



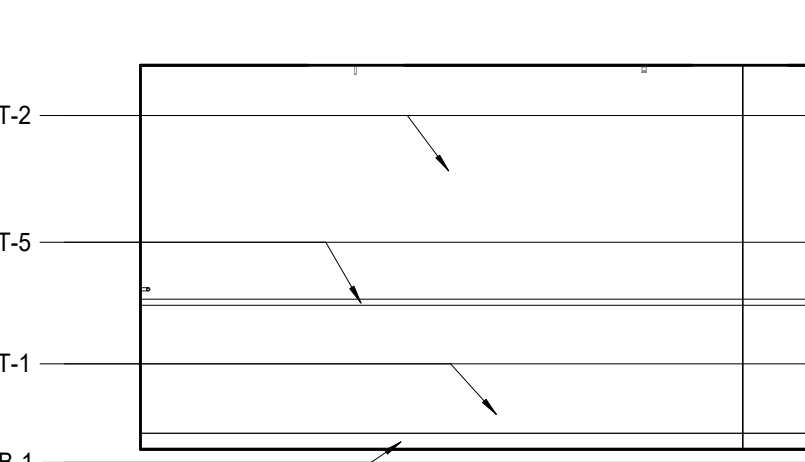
17 POB - OFFICE LEVEL 8 - 8.10 RECEP/SEC 855 NW. ELEVATION



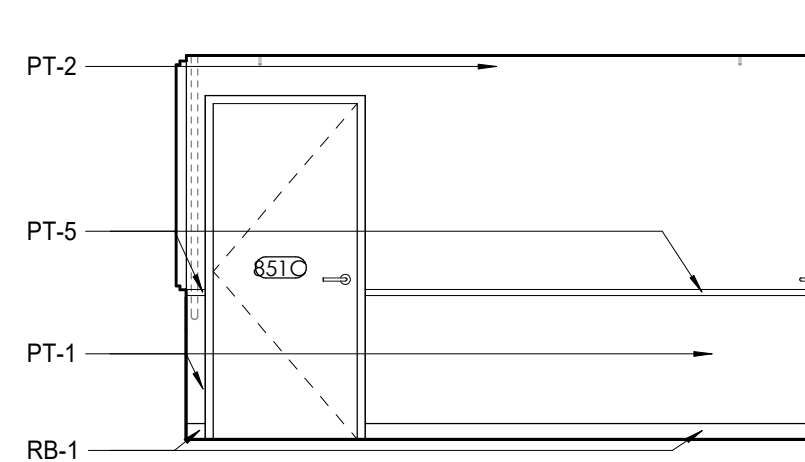
18 POB - OFFICE LEVEL 8 - WAITING 846 NW. ELEVATION



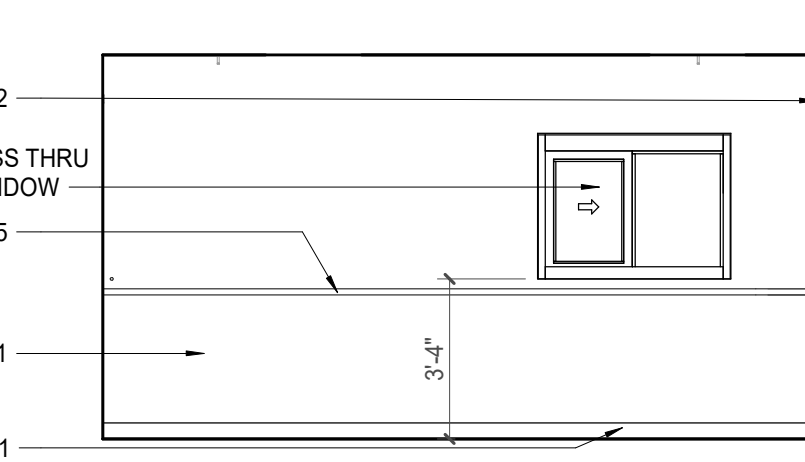
20 POB - OFFICE LEVEL 8 - 8.10 RECEP/SEC NE. ELEVATION



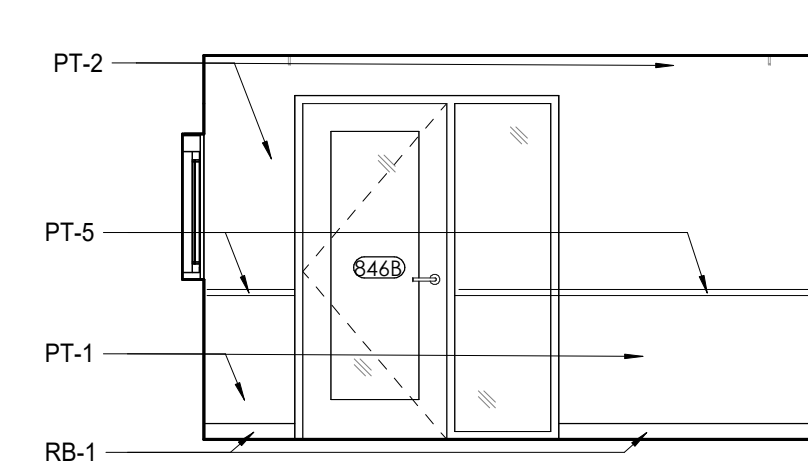
21 POB - OFFICE LEVEL 8 - WAITING 846 SW. ELEVATION



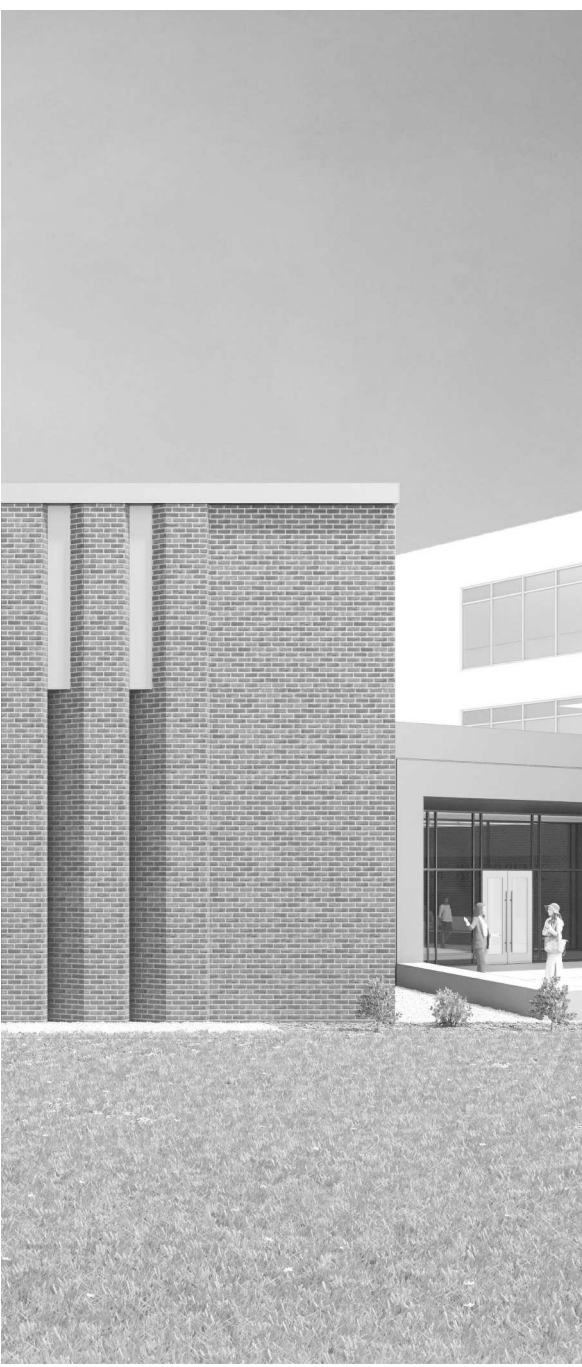
22 POB - OFFICE LEVEL 8 - 8.10 RECEP/SEC SW. ELEVATION



23 POB - OFFICE LEVEL 8 - WAITING 846 NE. ELEVATION



24 POB - OFFICE LEVEL 8 - WAITING 846 SE. ELEVATION



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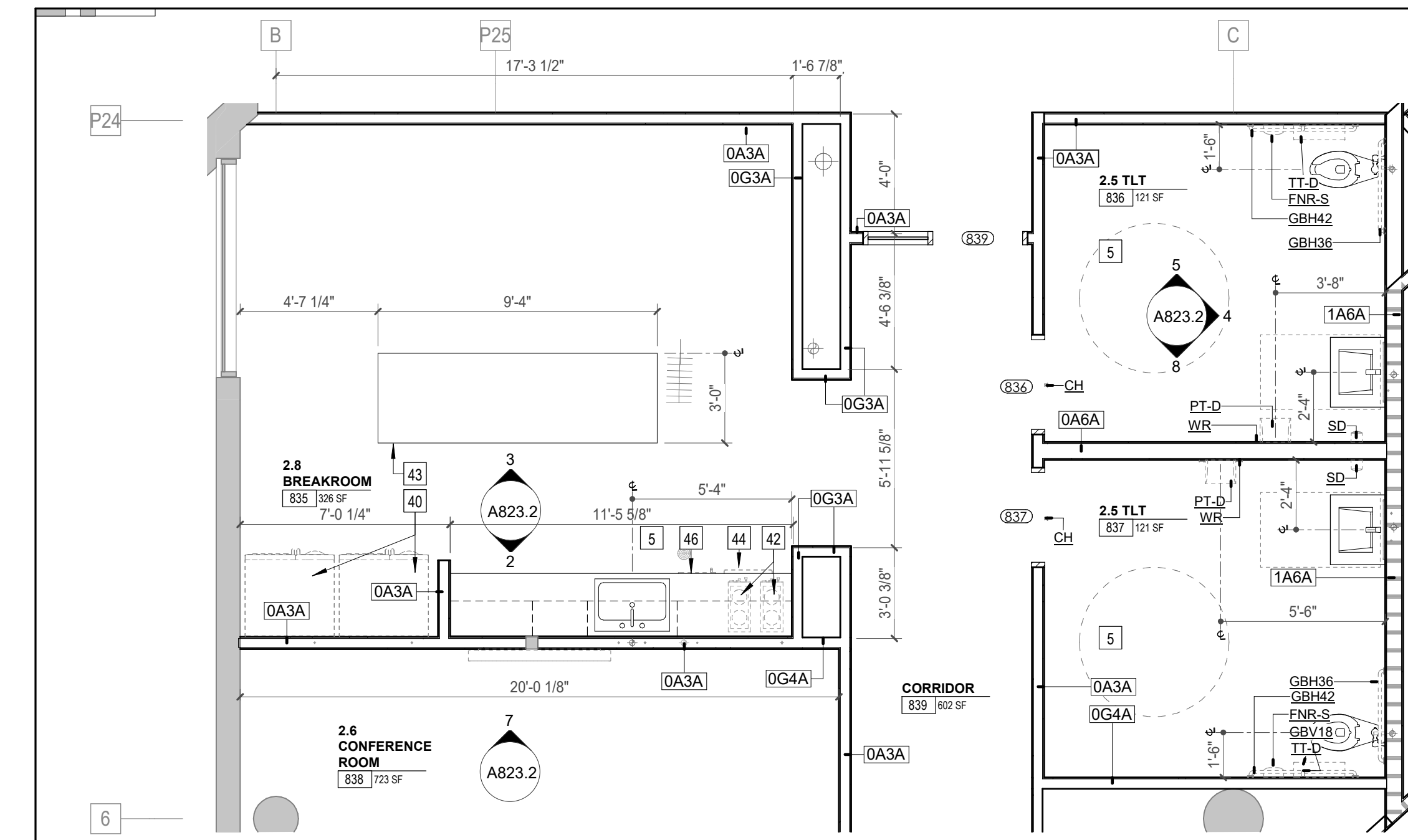
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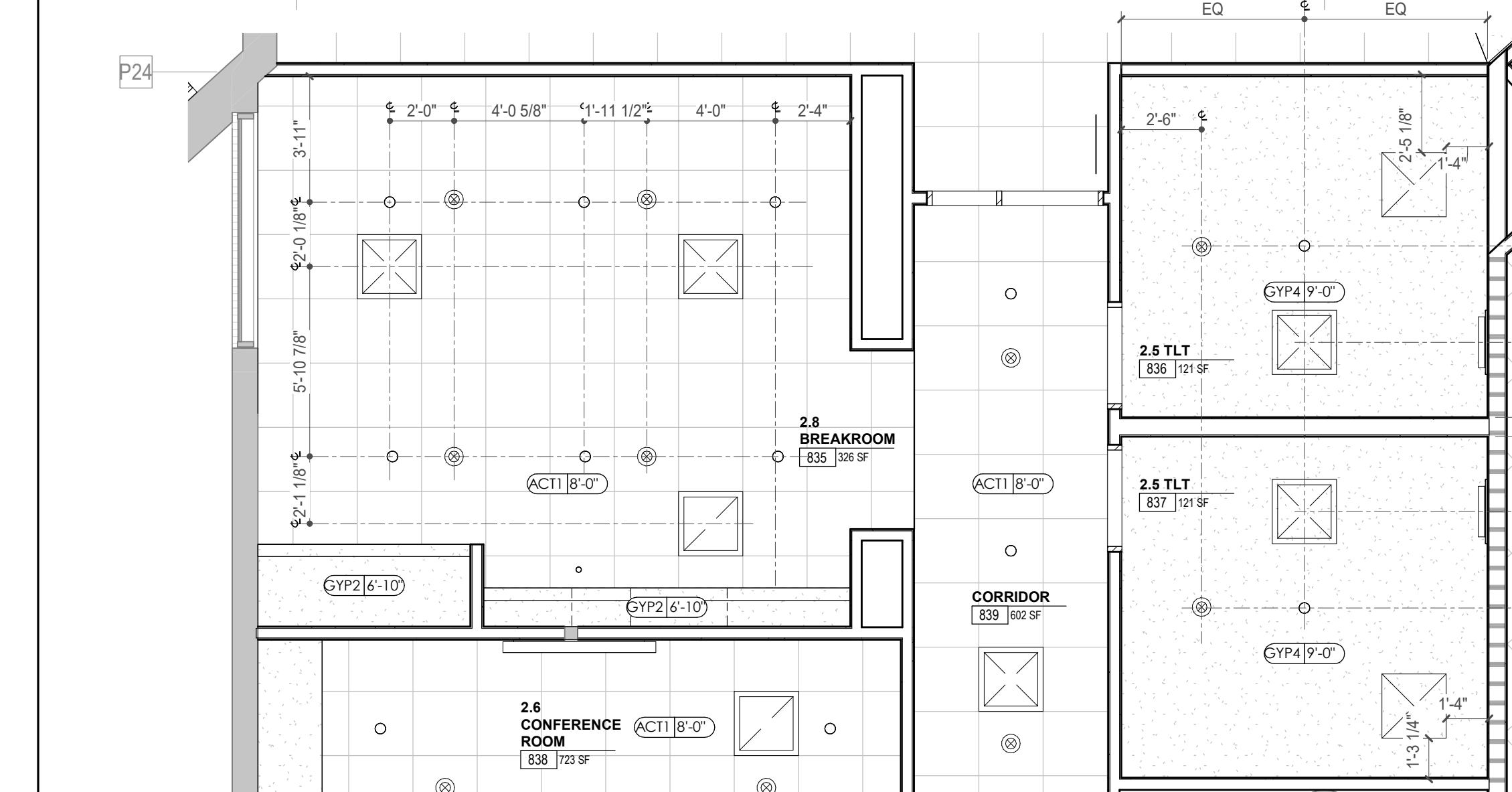
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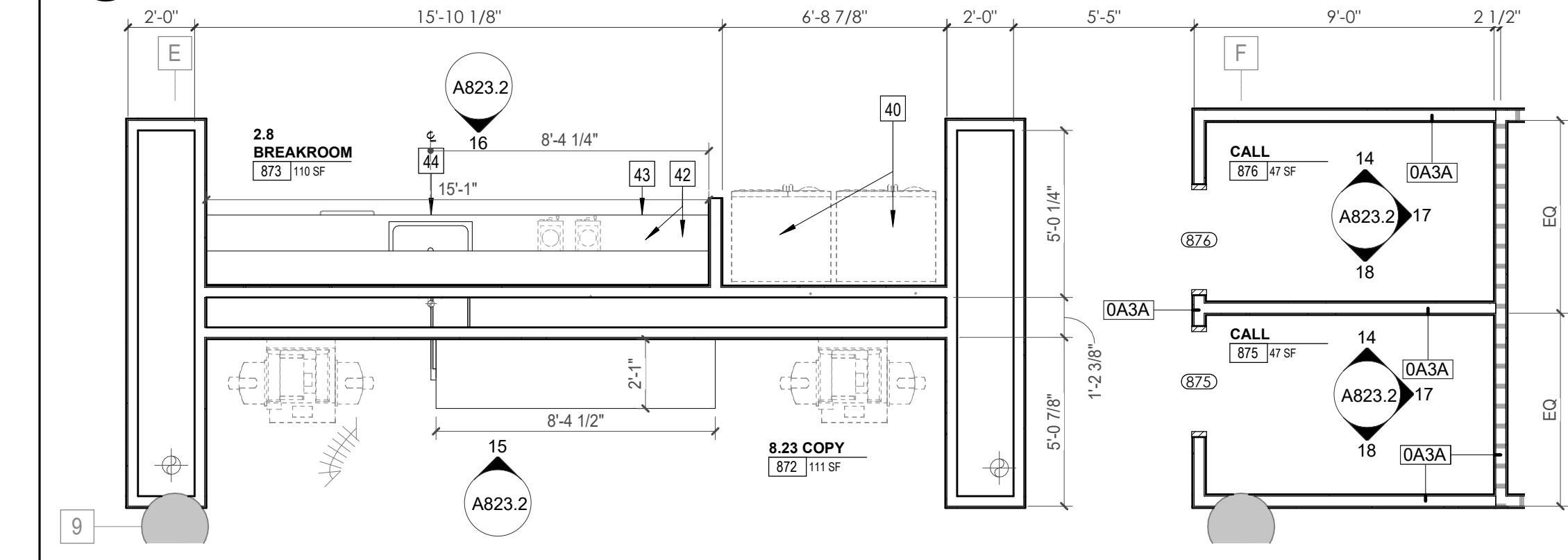
POB - ENLARGED PLANS & ELEVATIONS - LEVEL 8



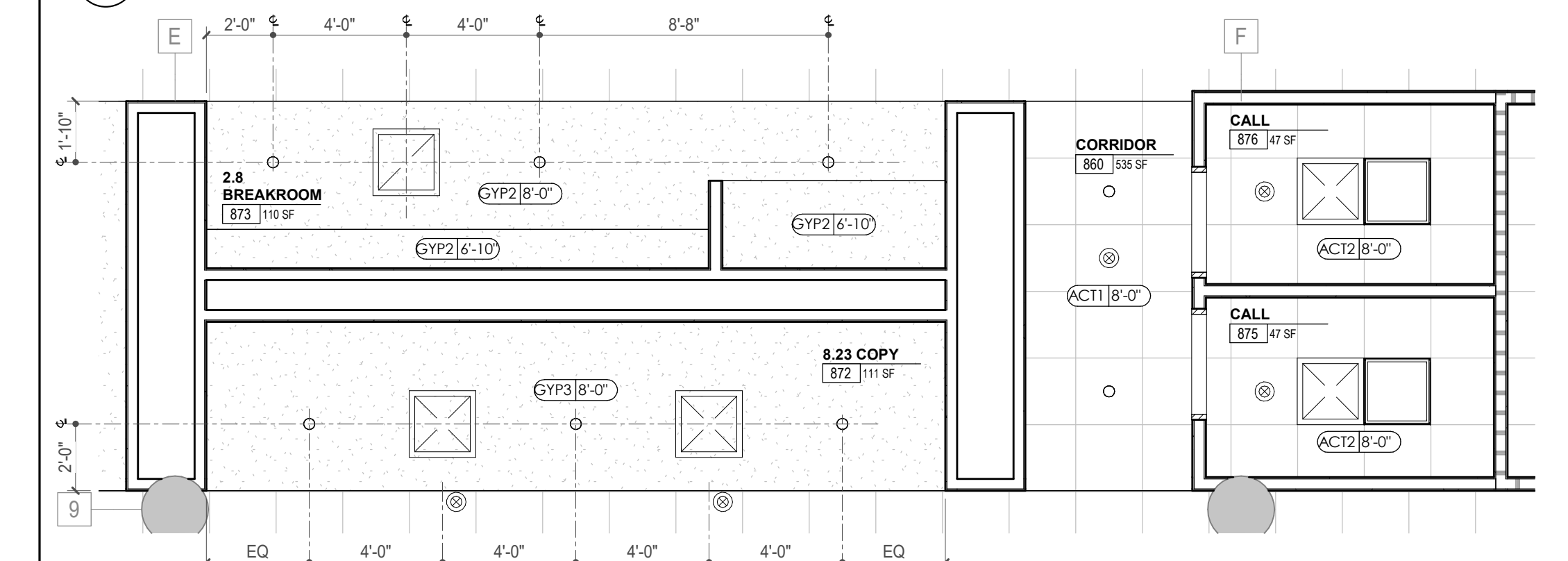
1 ENLARGED PLAN - POB - OFFICE LEVEL 8 - BREAK RM / CONFERENCE RM / RR
1/4" = 1'-0"



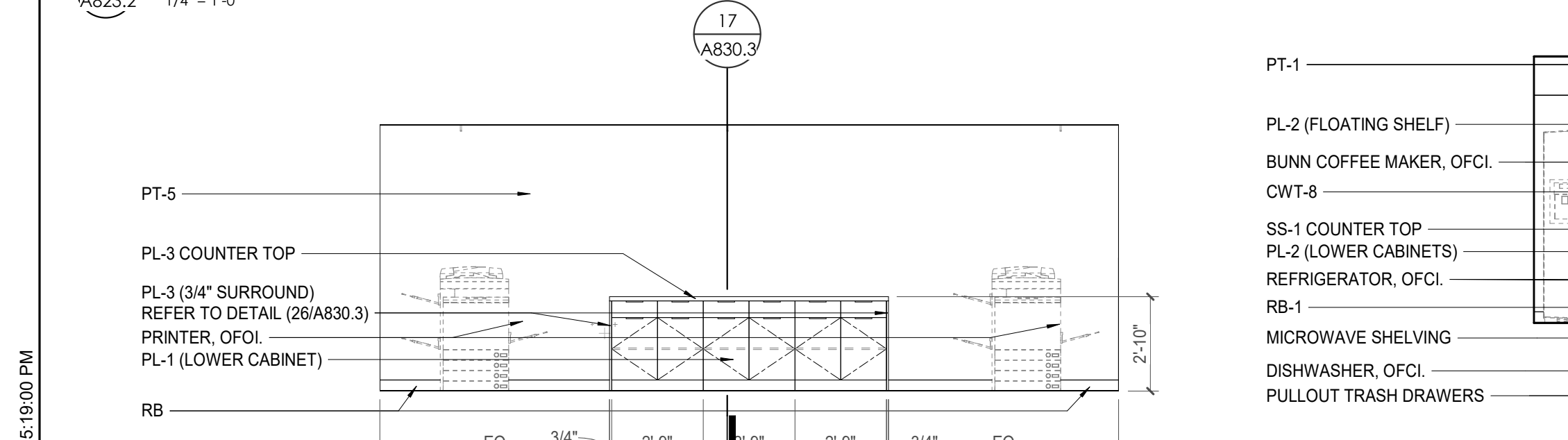
6 ENLARGED RCP - POB - OFFICE LEVEL 8 - BREAK RM / CONFERENCE RM / RR
1/4" = 1'-0"



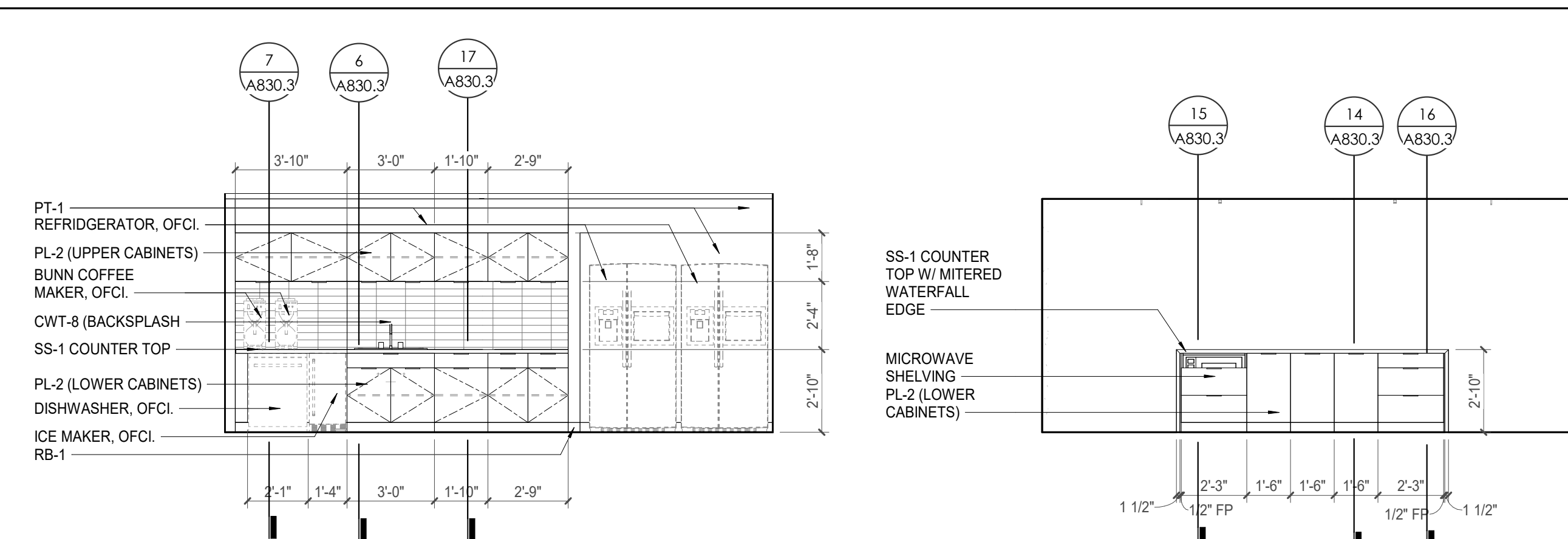
9 ENLARGED PLAN - POB - OFFICE LEVEL 8 - BREAK RM 873 / COPY 872
1/4" = 1'-0"



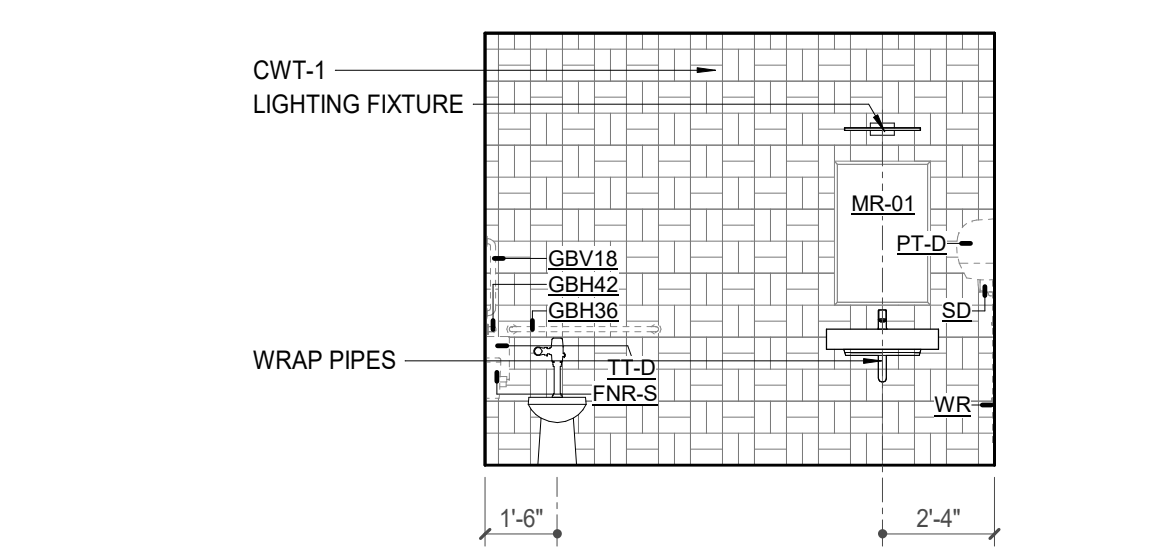
12 ENLARGED RCP - POB - OFFICE LEVEL 8 - BREAK RM 873 / COPY 872
1/4" = 1'-0"



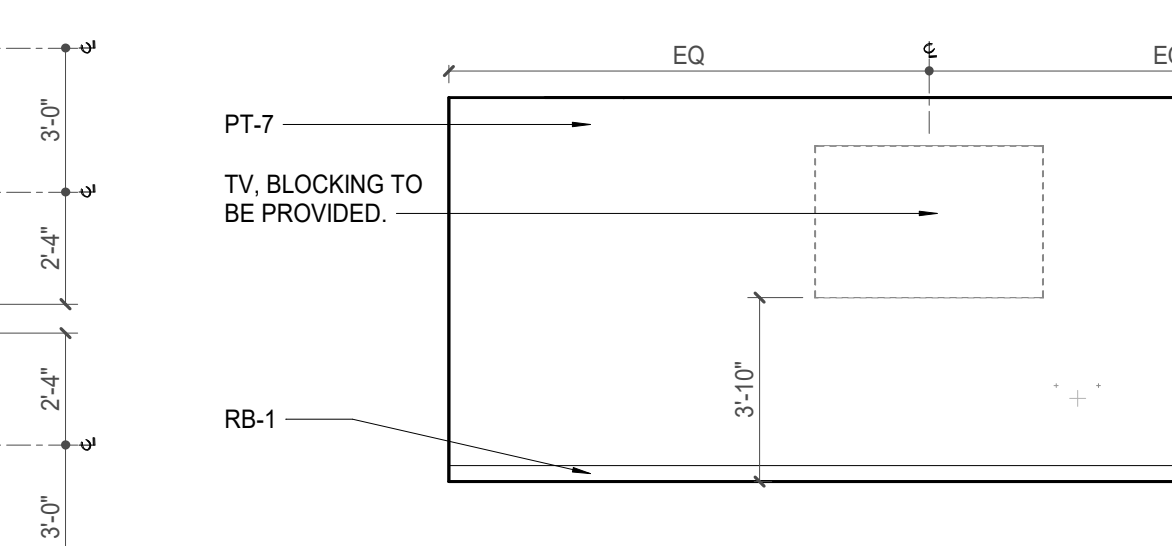
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1/4" = 1'-0"



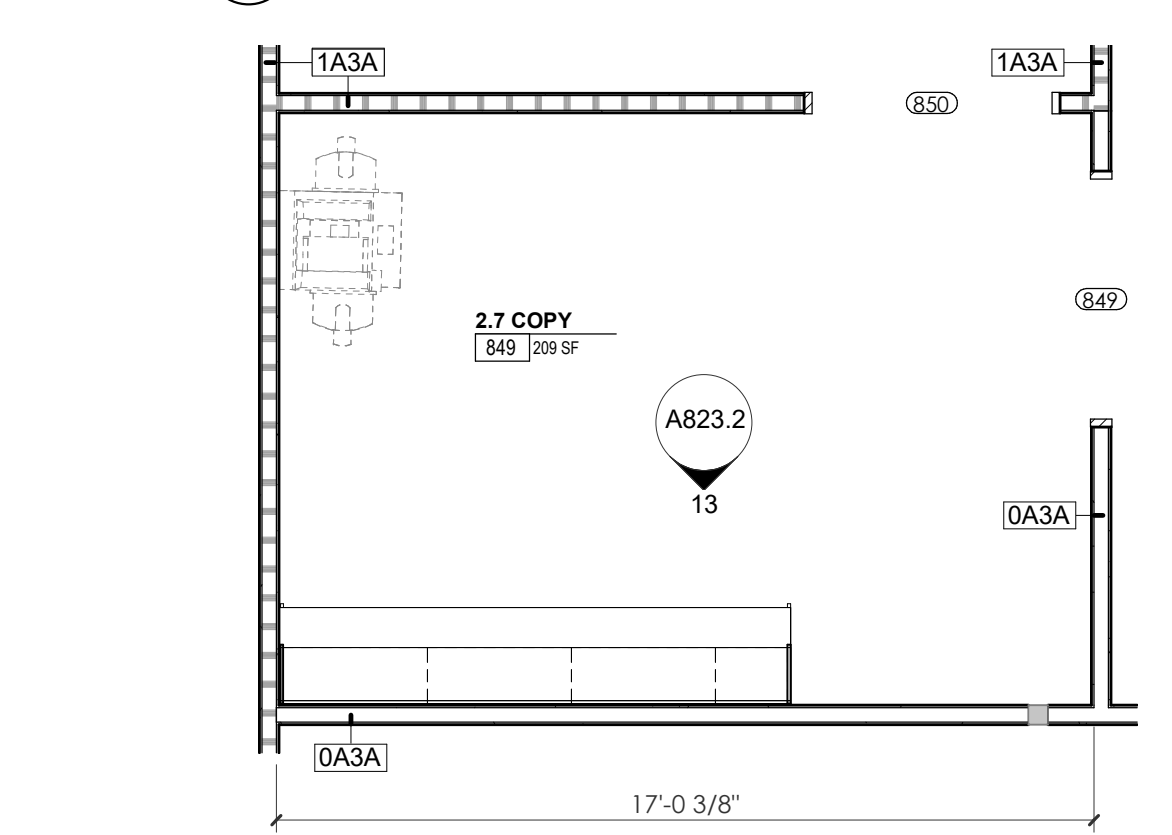
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1/4" = 1'-0"



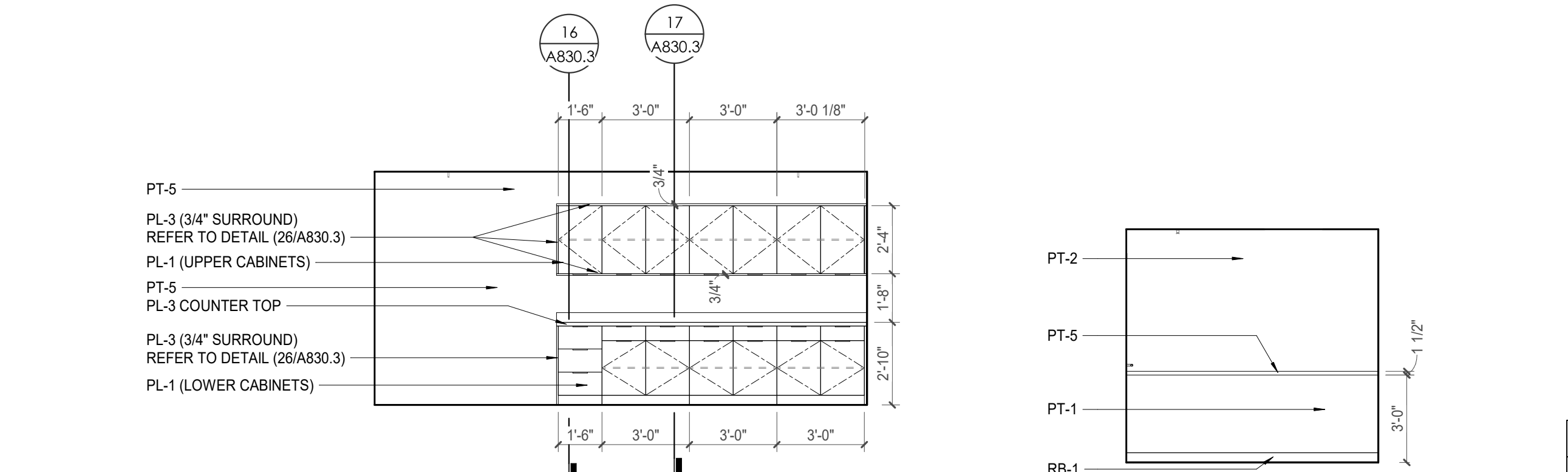
4 POB - OFFICE LEVEL 8 - TILT 836 - E. ELEVATION
1/4" = 1'-0"



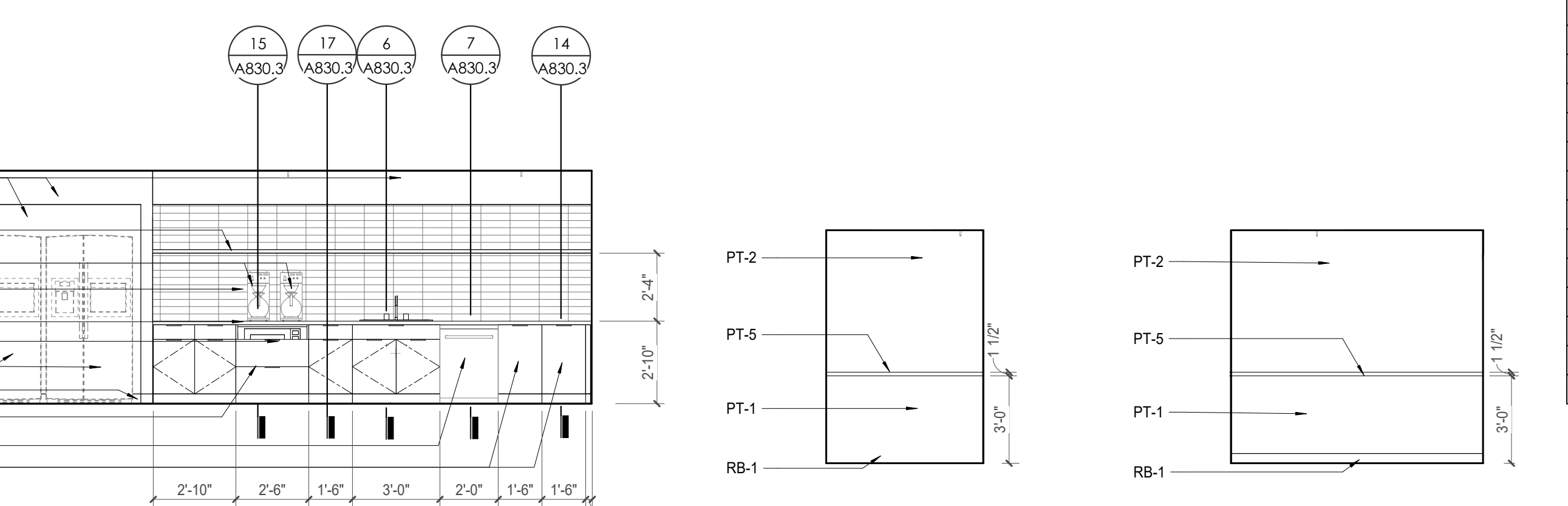
7 POB - OFFICE LEVEL 8 - CONFERENCE RM 838 - N. ELEVATION
1/4" = 1'-0"



10 ENLARGED PLAN - POB - OFFICE LEVEL 8 - COPY 849
1/4" = 1'-0"



13 POB - OFFICE LEVEL 8 - COPY 849 - S. ELEVATION
1/4" = 1'-0"



14 POB - OFFICE LEVEL 8 - BREAK RM 873 - S. ELEVATION
1/4" = 1'-0"

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
	4" RECESSED 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 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 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

TOILET ACCESSORIES LEGEND

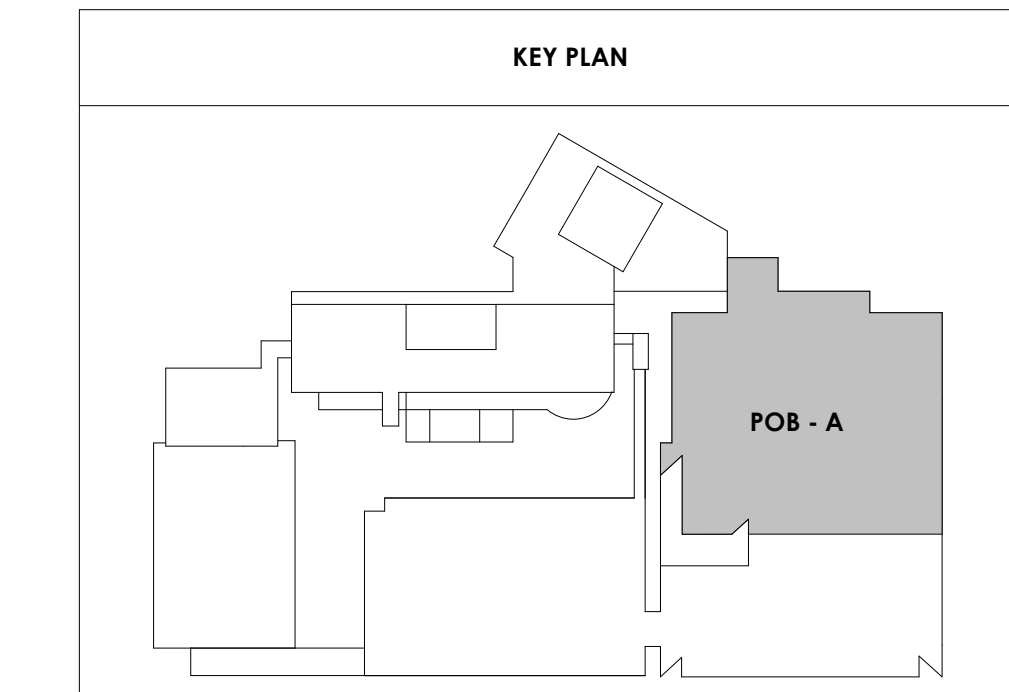
MARK	DESCRIPTION
GBH42	42" HORIZONTAL GRAB BAR, ADA, COLOR: STAINLESS STEEL
GBH36	36" HORIZONTAL GRAB BAR, ADA, COLOR: STAINLESS STEEL
GBV18	18" VERTICAL GRAB BAR, ADA, COLOR: STAINLESS STEEL
MR-01	24" X 36" MIRROR, BLACK FRAME
MR-02	LOCKER ROOM FRAMELESS MIRROR
MR-03	20" X 59" MIRROR, DOOR MOUNTED, 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: BLACK
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

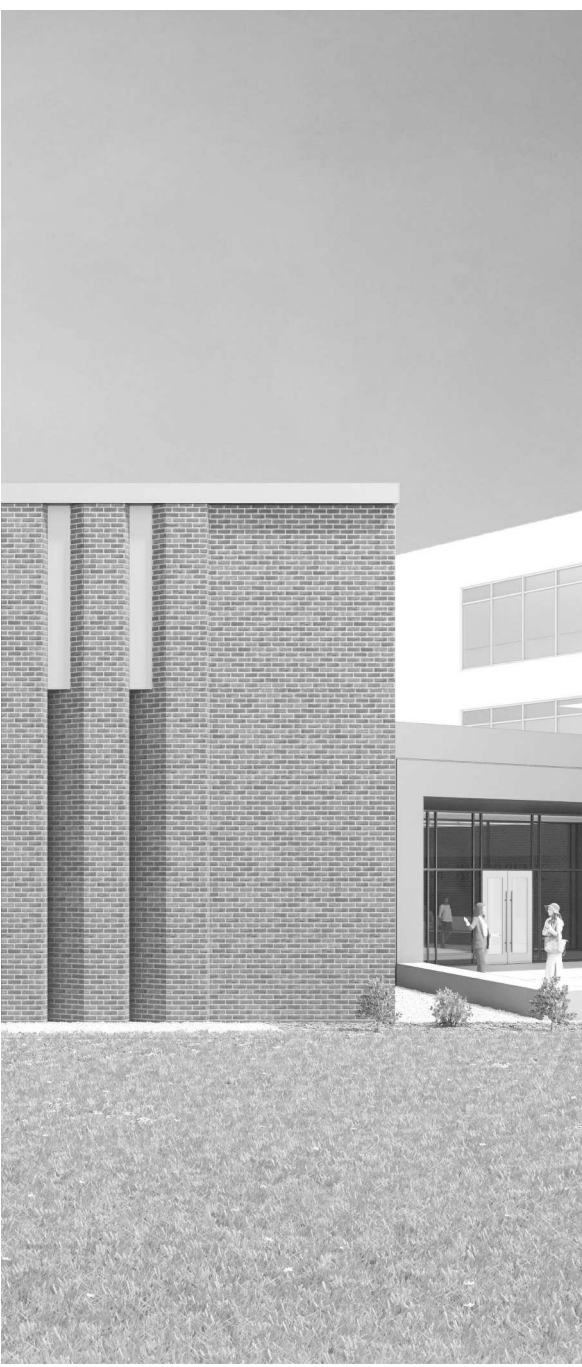
WALL LEGEND

	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

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 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 OVERLAP 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 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 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	APPLY TRANSLUCENT FILM TO INSIDE FACE OF GLAZING
50	IMPACT RESISTANT STEEL BOLLARD, GENERAL LOCATION SHOWN, COORDINATE LOCATION IN FIELD
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 120 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

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 PIC: 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 (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	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. REMOVE EXISTING GYS SOFFIT AND PROVIDE NEW SUSPENDED EIFS SOFFIT WITH R-30 BATT INSULATION IN OVERHANG CAVITY

KEY PLAN

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

2/17/2021 5:18:06 PM



Project Information:

19018

COK PUBLIC SAFETY COMPLEX

900 East Oak Hill Ave, Knoxville, TN



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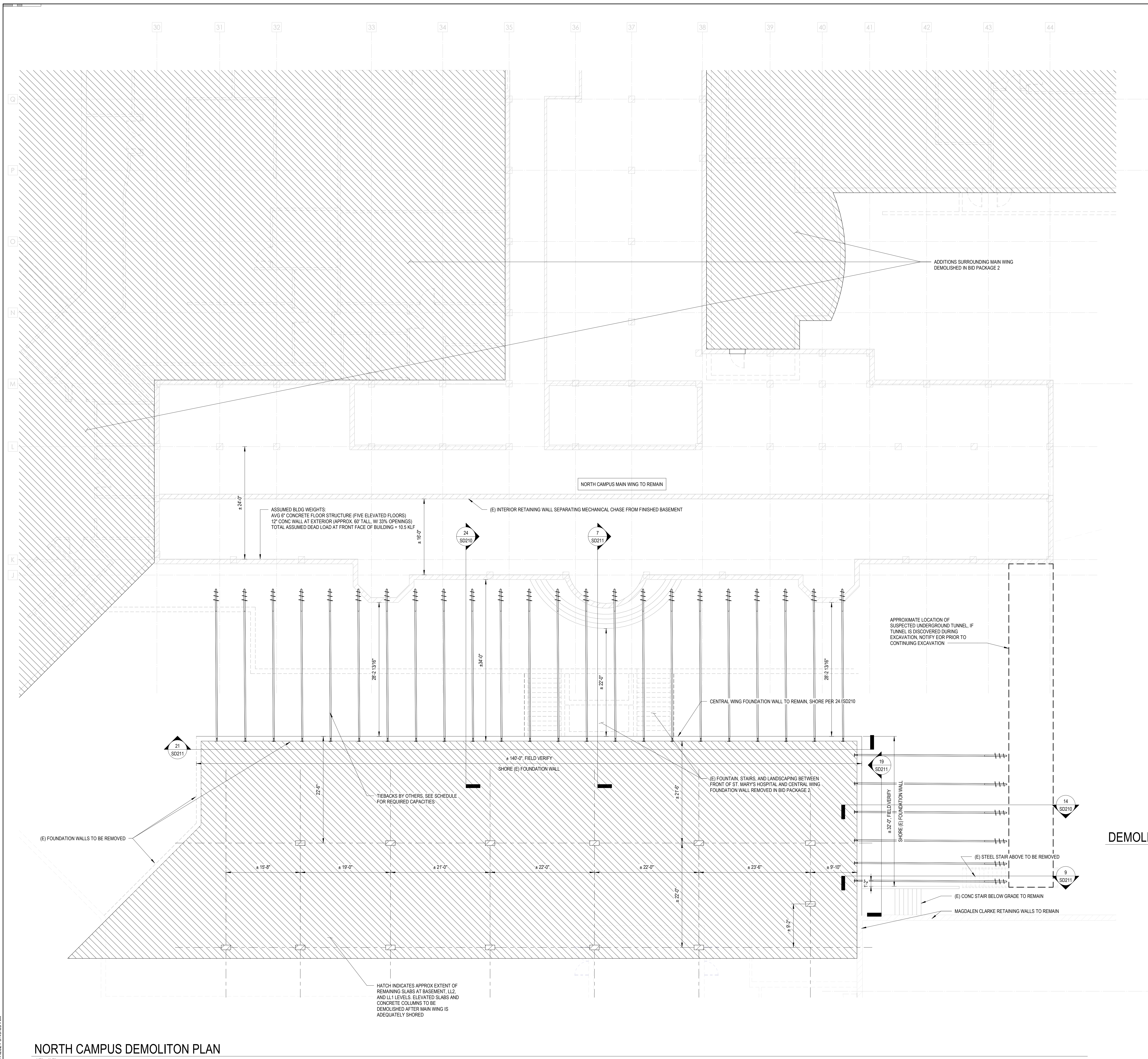
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PM:	CSB
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Drawn By:	CWR
Checked By:	RAH

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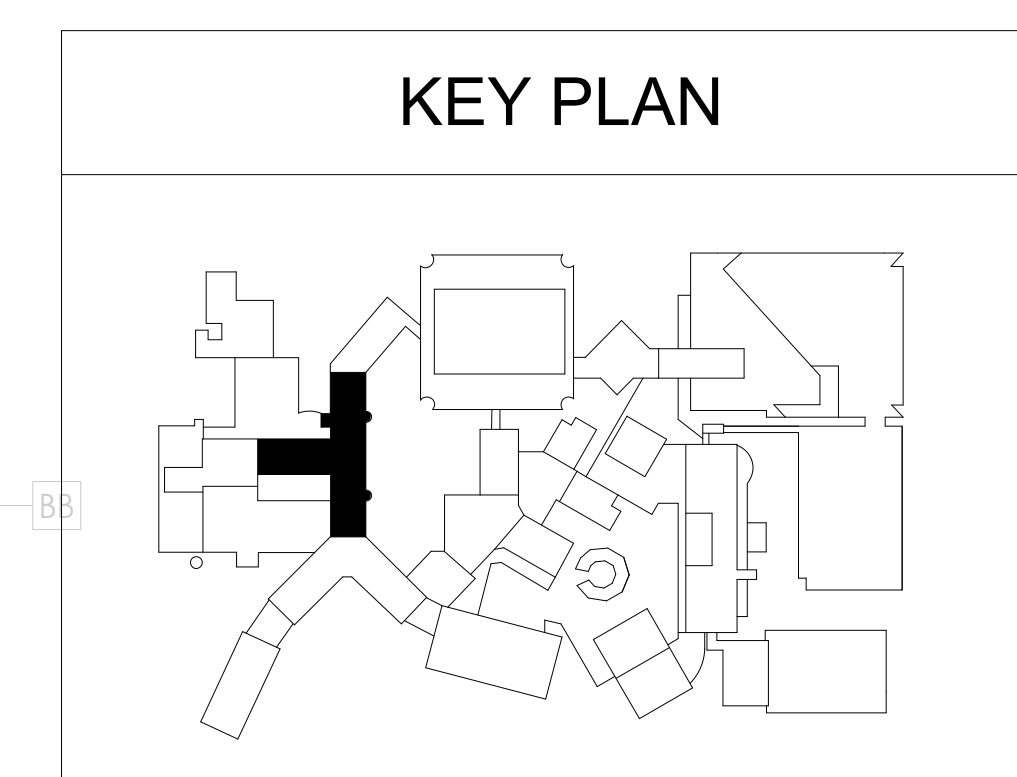
SD101

NORTH CAMPUS DEMOLITION PLAN

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DEMOLITION LEGEND AND NOTES



NORTH CAMPUS DEMOLITION PLAN

1/8" = 1'-0"

2/17/2021 9:46:09 AM



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900 East Oak Hill Ave, Knoxville, TN



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Issue Date: 02/17/21

PK: CSB

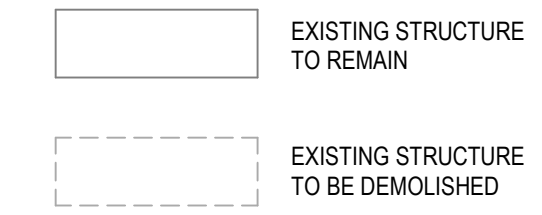
PM: CWR

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SD210

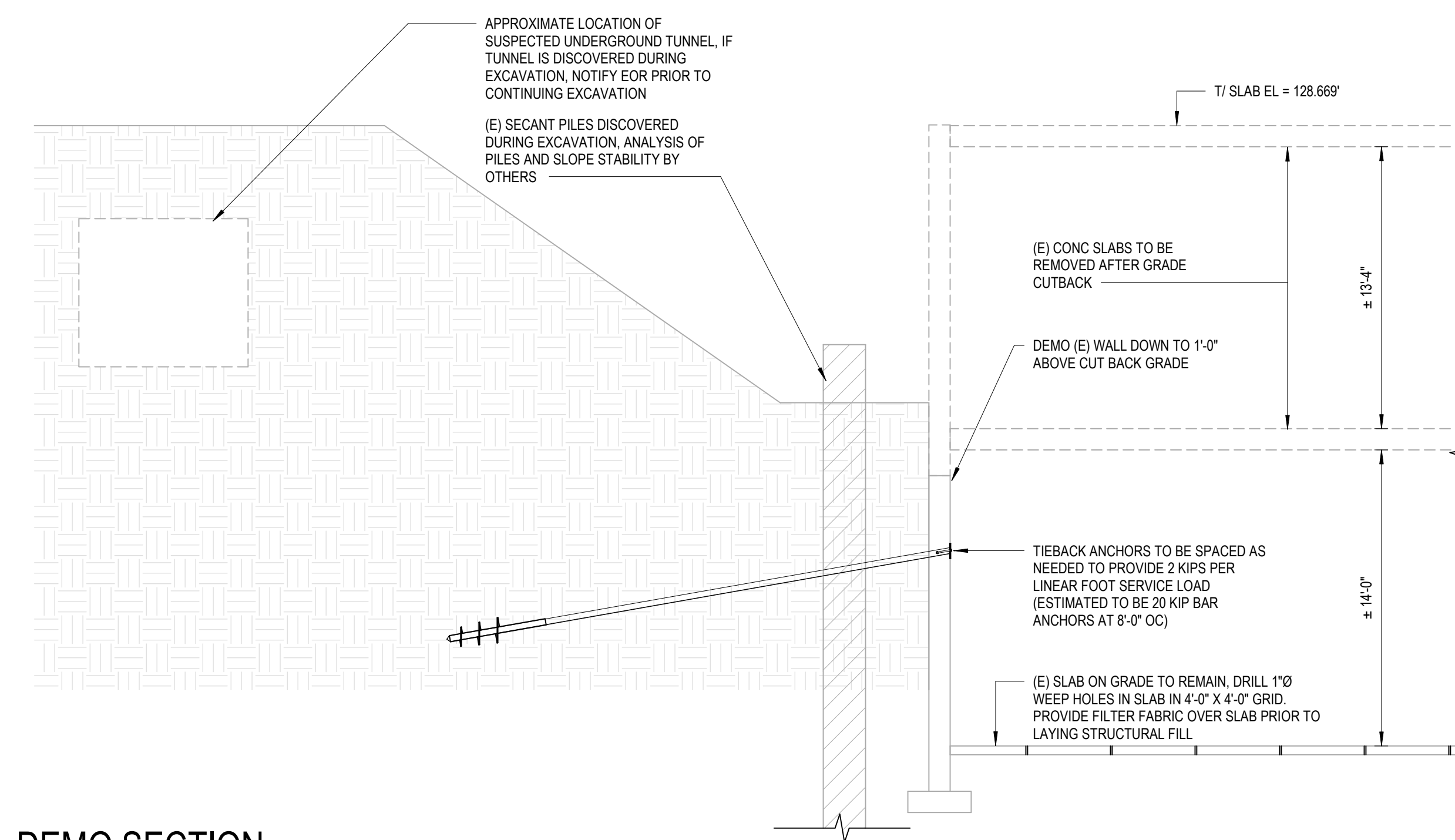
NORTH CAMPUS
DEMOLITION DETAILS



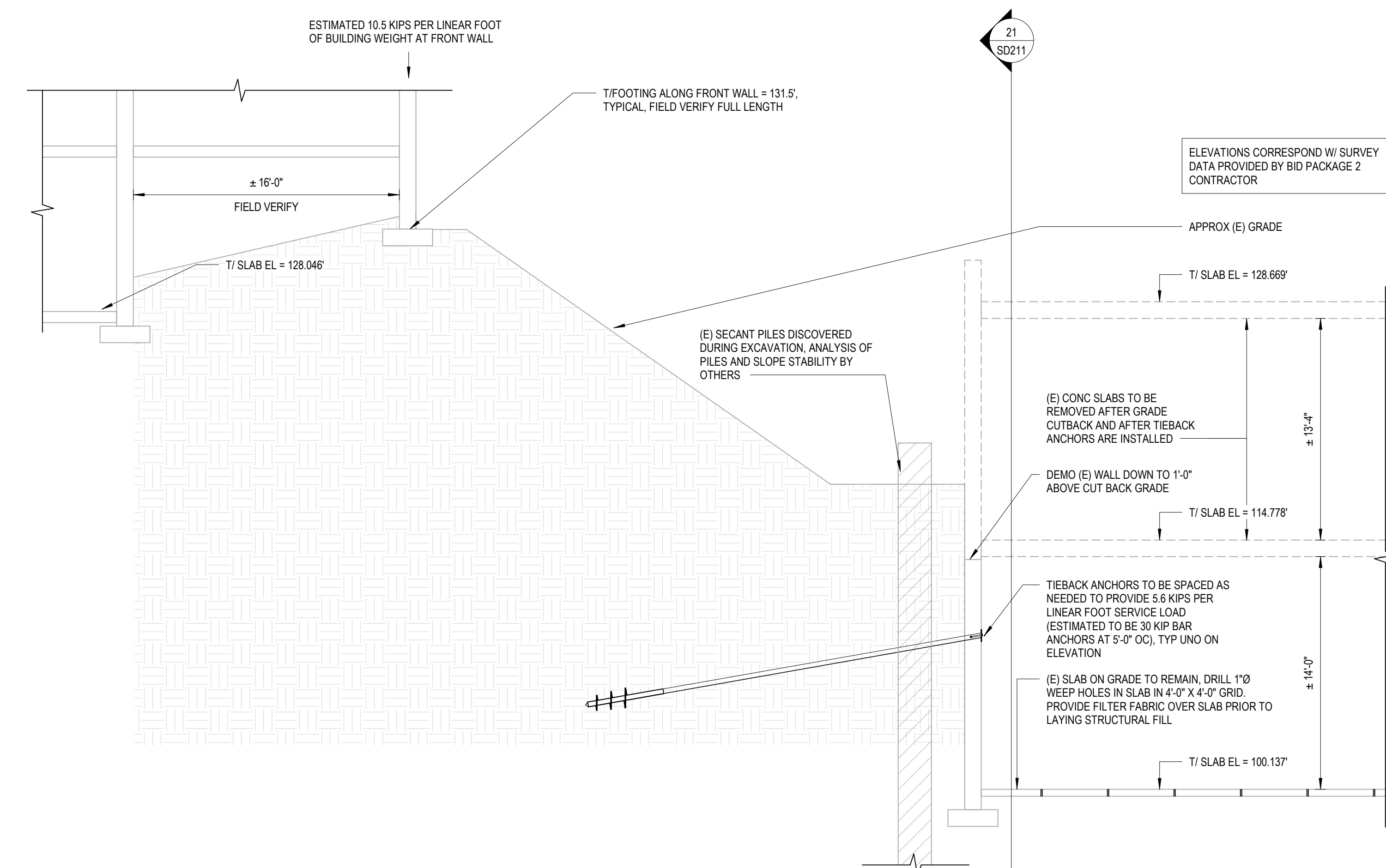
THE WORK INDICATED ON THIS SHEET IS INCLUDED IN THE DEMOLITION SHORING ALLOWANCE IN BID PACKAGE 3

- NOTES:
- CONTRACTOR TO VERIFY EXISTING CONDITIONS INDICATED ON THESE DRAWINGS PRIOR TO BEGINNING DEMOLITION.
 - IF EXISTING ELEMENTS TO BE REMOVED ARE SUPPORTING ELEMENTS TO REMAIN, CONTACT EOR PRIOR TO BEGINNING DEMOLITION.
 - SEE GENERAL NOTES FOR ADDITIONAL INFORMATION REGARDING DEMOLITION AND EXISTING CONDITIONS.
 - SEE ARCHITECTURAL DRAWINGS FOR APPROXIMATE FLOOR ELEVATIONS. FIELD VERIFY ALL ELEVATIONS.

DEMOLITION LEGEND AND NOTES



14 DEMO SECTION
3/16" = 1'-0"



24 DEMO SECTION
3/16" = 1'-0"



Project Information:

19018

COK PUBLIC SAFETY COMPLEX

900 East Oak Hill Ave, Knoxville, TN



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2	ADD #2.1	02/17/21

Issue Date: 02/01/21
PKC: CSB
PM: CSB
PA: CSB
Drawn By: CWR
Checked By: RAH
Drawing Info:

S007

TYPICAL STEEL DETAILS

1 TYPICAL COLUMN ANCHOR ROD

1 1/2" x 1'-0"

NOTES:
1. SEE COLUMN SCHEDULE AND DETAILS FOR ANCHOR ROD SIZE AND EMBEDMENT.
2. UNLESS NOTED OTHERWISE, ALL ANCHOR ROD NUTS SHALL BE TIGHTENED TO A "SNUG TIGHT" CONDITION AS DEFINED BY AISC AFTER THE CONCRETE IS AT LEAST 14 DAYS OLD.
3. HOLE IN PLATE WASHER SHALL BE 1/16" LARGER THAN THE ROD DIAMETER.

2 TYPICAL SLAB-ON-GRADE ISOLATION JOINTS

3/4" x 1'-0"

NOTES:
1. BLOCKOUT CORNERS SHOULD BE ALIGNED WITH COLUMN CENTERLINES.
2. INFILL COLUMN BLOCKOUTS W/ NONSHRINK GROUT, TYP.
3. PROVIDE 1/4" MIN ISOLATION JOINT MATERIAL BETWEEN NONSHRINK GROUT AND BLOCKOUT, TYP.
4. WHERE BASEPLATE EXTENDS OUTSIDE OF SLAB EDGE, ENCASE IN NONSHRINK GROUT WITH A MINIMUM COVER OF 3" IN ALL DIRECTIONS. HEIGHT OF COVER NOT TO EXCEED 8" ABOVE FOUNDATION. ALTERNATIVELY, PAINT BELOW GRADE STEEL WITH BITUMASTIC PAINT.

4 TYPICAL HSS COLUMN BASEPLATE DETAIL

1 1/2" x 1'-0"

NOTES:
1. REINFORCEMENT SHOWN OVER GIRDERS IS IN ADDITION TO THE TYPICAL SLAB REINFORCEMENT SPECIFIED ON THE DRAWINGS.

5 OFFSET HSS COLUMN BASEPLATE DETAIL

1 1/2" x 1'-0"

NOTES:
1. REINFORCEMENT SHOWN OVER GIRDERS IS IN ADDITION TO THE TYPICAL SLAB REINFORCEMENT SPECIFIED ON THE DRAWINGS.

6 TYP SHEAR STUD PLACEMENT & ADDED REINF

3/4" x 1'-0"

NOTES:
1. SEE PLAN FOR REQUIRED NUMBER OF STUDS. STUDS SHALL BE PLACED AFTER METAL DECK INSTALLATION AT A MAXIMUM SPACING OF 2'-0\"/>

8 TYP COMPOSITE SLAB DECK EDGE DETAIL

1" x 1'-0"

NOTES:
1. DECK PERPENDICULAR TO BEAM SHOWN. DECK PARALLEL TO BEAM SIMILAR.
2. THE SLAB EDGE CLOSURE PLATE IS ONLY DESIGNED TO SUPPORT WET CONCRETE AND CONSTRUCTION LOADS. DO NOT USE THE PLATE TO DIRECTLY SUPPORT CLADDING LOADS WITHOUT PRIOR APPROVAL FROM THE ENGINEER OF RECORD.
3. AT BLOCKOUTS FOR CLADDING CONNECTIONS, EDGE REINFORCING IS TO BE CONTINUOUS.
4. AT RECESS CONDITIONS, EDGE PLATE HEIGHT TO MATCH THE SLAB HEIGHT AT THE RECESS.
5. FOR ELEVATOR AND DOCK LEVELER SILLS, SEE TYPICAL ELEVATOR AND DOCK LEVELER SILL DETAIL.
6. COORDINATE EDGE ANGLE INSERTS FOR CLADDING SUPPORT WITH ARCHITECTURAL DRAWINGS & SUBSTITUTE FOR EDGE FORM WHEN SHOWN ON ARCHITECTURAL.
7. CONSTRUCTION LOAD AT EDGE FORM SHALL NOT EXCEED 20 PSF.

9 TYP REINF AT INTERIOR COMP GIRDERS

1" x 1'-0"

BEAM SIZE	TYPE MARK	# OF BOLTS REQ'D	PLATE SIZE	# OF HORIZ ROWS OF STUDS	# OF STUDS PER ROW	STUD SPACING, X Y	MIN STUD LENGTH	DOUBLE ANGLE SIZE	MIN WALL THICKNESS	LFRD CAPACITY (KIPS)
W8, W10	2E	2	PL 5/8" x 10" x 1'-2"	2	2	7" 7"	5"	L5X3 1/2X5/16	8"	24K
W12, W14	3E	3	PL 5/8" x 11" x 1'-5"	3	2	8" 5"	6"	L5X3 1/2X5/16	9"	36K
W16	4E	4	PL 5/8" x 14" x 1'-8"	3	2	11" 6 1/2"	6"	L5X3 1/2X5/16	9"	45K
W18	5E	5	PL 3/4" x 15" x 1'-11 1/2"	4	2	12" 5 1/2"	6"	L5X3 1/2X5/16	9"	51K
W21	6E	6	PL 3/4" x 16" x 2'-5"	5	2	13" 5"	6"	L5X3 1/2X5/16	9"	56K
W24, W27	7E	7	PL 1" x 18" x 2'-7"	5	3	7 1/2" 6"	8"	L5X5X5/16	11"	67K
W30	8E	8	PL 1" x 21" x 2'-9"	5	3	9" 6 1/2"	8"	L5X5X5/16	11"	70K

NOTES:
1. ALL BOLTS TO BE SNUG TIGHT. DO NOT TIGHTEN FULLY.
2. BOLTS TO BE 3/4" DIA A325 UNO.
3. EMBEDDED PLATE CONNECTIONS PER THIS DETAIL SHALL BE USED AT ALL STEEL BEAM TO CONCRETE CONSTRUCTION CONNECTIONS, UNO.

10 TYP COMP STEEL DECK DET AT GIRDER

1" x 1'-0"

NOTES:
1. REINFORCEMENT SHOWN OVER GIRDERS IS IN ADDITION TO THE TYPICAL SLAB REINFORCEMENT SPECIFIED ON THE DRAWINGS.

11 TYPICAL COMPOSITE CONSTRUCTION

3/4" x 1'-0"

NOTES:
1. STUDS SHALL BE WELDED IN THE FIELD USING AUTOMATICALLY TIMED STUD WELDING EQUIPMENT AND SHALL MEET ALL REQUIREMENTS SPECIFIED IN AWS D1.1.
2. SEE TYPICAL SHEAR STUD PLACEMENT AND ADDED REINFORCING DETAIL FOR STUD SIZE AND SPACING REQUIREMENTS AND ADDITIONAL REINFORCEMENT REQUIRED PERPENDICULAR TO STEEL BEAMS AND GIRDERS.
3. TOP FLANGE OF THE BEAMS AND GIRDERS MUST BE UNPAINTED AND FREE OF HEAVY RUST, MILL SCALE, DIRT, SAND, OR OTHER FOREIGN MATERIAL WHICH WILL INTERFERE WITH THE WELDING OPERATION.
4. THE METAL DECK MUST BE FREE OF DIRT, SAND, OIL OR OTHER FOREIGN MATERIAL AND MUST BE DRY AND FREE OF MOISTURE. METAL DECK MUST REST LIGHTLY ON BEAM FLANGE. WELDING MUST TAKE PLACE THROUGH ONLY ONE THICKNESS OF THE METAL DECK.
5. STUDS SHALL BE PLACED DIRECTLY OVER THE BEAM WEB FOR BEAMS HAVING A FLANGE THICKNESS OF 0.300" OR LESS.
6. STUDS SHALL BE SUPPORTED W/ CHAIRS OR W/ W/ MAY BE SUPPORTED ON CONT CHAIRS, TYP.

12 TYPICAL STIFFENER PLATE DETAIL

1 1/2" x 1'-0"

NOTES:
1. STIFFENER PLATE (PL 3/8, UNO) MATCH FLANGE WIDTH, UNO.
2. CLIP PLATE CORNERS TO FIT, TYP.
3. WELD TO W/ W/ TYP.

13 TYP COL/BEAM CAP AND CLOSURE PLATES

3/4" x 1'-0"

NOTES:
1. WHERE SLOPING BEAMS FRAME INTO TOP OF COLUMNS, SLOPE COLUMN CAP PLATES TO MATCH TOP OF BEAM, UNO.
2. ALL WELDS FINISHED FLUSH, UNO.
3. FLUSH FINISH REQUIREMENTS MAY BE WAIVED, SUBJECT TO ARCH AND ENGINEER WRITTEN APPROVAL.

14 TYPICAL BEAM EMBED CONNECTION

1" x 1'-0"

NOTES:
1. CONTRACTOR SHALL COORDINATE OPENING SIZE AND LOCATION WITH MECHANICAL, ELECTRICAL, AND ARCHITECTURAL DRAWINGS AND THE APPROPRIATE SUBCONTRACTORS.
2. THE OPENING NOTE REQUIRES A CENTER-TO-CENTER SPACING FROM ADJACENT OPENINGS OF FOUR TIMES THE MAXIMUM OPENING DIMENSION. IF REQUIRED LAYOUT CANNOT CONFORM TO THIS REQUIREMENT, REINFORCE OPENING GROUP AS IF ONE COMBINED OPENING.

15 TYP BEAM-BEAM MOMENT CONNECTION - UNEQUAL BEAM DEPTHS

1" x 1'-0"

NOTES:
1. ALL BOLTS SHALL BE ASTM A325 BEARING TYPE BOLTS.
2. ALL HOLES SHALL BE STANDARD HOLES.
3. CONNECTION CAPACITIES ARE LFRD FACTORED CAPACITIES BASED ON THE SMALLEST COPEDED BEAM WEB THICKNESS OF EACH BEAM DEPTH.
4. ANGLES MAY BE SHOP WELDED TO SUPPORTED BEAM AT CONTRACTOR'S OPTION. IF CONNECTION IS WELDED, DO NOT PROVIDE BOLT HOLES IN ANGLE LEGS TO RECEIVE WELDS.
5. SINGLE CLIP ANGLE CONNECTIONS ARE NOT ALLOWED.
6. BEAM-TO-BEAM SHOWN. BEAM-TO-COLUMN SIMILAR.

16 TYPICAL SHEAR TAB CONNECTION SCHED

1" x 1'-0"

NOTES:
1. BLOCK OUT OPENING BEFORE PLACING CONCRETE.
2. REMOVE BLOCKOUT AND CUT DECK AFTER CONCRETE HAS CURED.
3. CONTRACTOR SHALL COORDINATE OPENING SIZE AND LOCATION WITH MECHANICAL, ELECTRICAL, AND ARCHITECTURAL DRAWINGS AND THE APPROPRIATE SUBCONTRACTORS.
4. THE OPENING NOTE REQUIRES A CENTER-TO-CENTER SPACING FROM ADJACENT OPENINGS OF FOUR TIMES THE MAXIMUM OPENING DIMENSION. IF REQUIRED LAYOUT CANNOT CONFORM TO THIS REQUIREMENT, REINFORCE OPENING GROUP AS IF ONE COMBINED OPENING.

17 TYP DOUBLE ANGLE SHEAR CONNECTIONS

1" x 1'-0"

NOTES:
1. DETAIL IS VALID FOR 10" MAXIMUM DIAMETER WIDTH OPENINGS. REMOVE ANY SLEEVE INSERTS AND MODIFY (E) OPENING EDGES AS SHOWN SUCH THAT THE DIAMETER WIDTH OF THE (E) OPENING IS 1" LARGER AT THE TOP OF THE OPENING.
2. AFTER PREPARING OPENING PER NOTE 1, THOROUGHLY CLEAN ALL EDGES & COAT W/ SIKKA ARMA TEC 110 EPOCEM BONDING AGENT PRIOR TO GROUT INFILL.

18 TYP BEAM-BEAM MOMENT CONNECTION - UNEQUAL BEAM DEPTHS

1" x 1'-0"

NOTES:
1. DETAIL IS VALID FOR 10" MAXIMUM DIAMETER WIDTH OPENINGS. REMOVE ANY SLEEVE INSERTS AND MODIFY (E) OPENING EDGES AS SHOWN SUCH THAT THE DIAMETER WIDTH OF THE (E) OPENING IS 1" LARGER AT THE TOP OF THE OPENING.
2. AFTER PREPARING OPENING PER NOTE 1, THOROUGHLY CLEAN ALL EDGES & COAT W/ SIKKA ARMA TEC 110 EPOCEM BONDING AGENT PRIOR TO GROUT INFILL.

19 TYPICAL NEW OPENING IN (E) CONC ON METAL DECK FLOOR

1" x 1'-0"

NOTES:
1. DETAIL IS VALID FOR 24" MAXIMUM DIAMETER WIDTH OPENINGS. MODIFY (E) OPENING EDGES AS SHOWN SUCH THAT THE DIAMETER WIDTH OF THE (E) OPENING IS 1" LARGER AT THE TOP OF THE OPENING.
2. AFTER PREPARING OPENING PER NOTE 1, THOROUGHLY CLEAN ALL EDGES & COAT W/ SIKKA ARMA TEC 110 EPOCEM BONDING AGENT PRIOR TO GROUT INFILL.

20 TYPICAL OPENINGS IN NEW COMPOSITE SLAB (10'-0" OR LESS)

1" x 1'-0"

NOTES:
1. DETAIL IS VALID FOR 24" MAXIMUM DIAMETER WIDTH OPENINGS. MODIFY (E) OPENING EDGES AS SHOWN SUCH THAT THE DIAMETER WIDTH OF THE (E) OPENING IS 1" LARGER AT THE TOP OF THE OPENING.
2. AFTER PREPARING OPENING PER NOTE 1, THOROUGHLY CLEAN ALL EDGES & COAT W/ SIKKA ARMA TEC 110 EPOCEM BONDING AGENT PRIOR TO GROUT INFILL.

21 TYP SMALL HOLE INFILL DETAIL (<=10" OPENING)

1 1/2" x 1'-0"

NOTES:
1. DETAIL IS VALID FOR 10" MAXIMUM DIAMETER WIDTH OPENINGS. REMOVE ANY SLEEVE INSERTS AND MODIFY (E) OPENING EDGES AS SHOWN SUCH THAT THE DIAMETER WIDTH OF THE (E) OPENING IS 1" LARGER AT THE TOP OF THE OPENING.
2. AFTER PREPARING OPENING PER NOTE 1, THOROUGHLY CLEAN ALL EDGES & COAT W/ SIKKA ARMA TEC 110 EPOCEM BONDING AGENT PRIOR TO GROUT INFILL.

22 TYP LARGE HOLE INFILL DETAIL (8"-24" OPENING)

1 1/2" x 1'-0"

NOTES:
1. DETAIL IS VALID FOR 24" MAXIMUM DIAMETER WIDTH OPENINGS. MODIFY (E) OPENING EDGES AS SHOWN SUCH THAT THE DIAMETER WIDTH OF THE (E) OPENING IS 1" LARGER AT THE TOP OF THE OPENING.
2. AFTER PREPARING OPENING PER NOTE 1, THOROUGHLY CLEAN ALL EDGES & COAT W/ SIKKA ARMA TEC 110 EPOCEM BONDING AGENT PRIOR TO GROUT INFILL.



Project Information:

19018

COK PUBLIC SAFETY COMPLEX
900 East Oak Hill Ave, Knoxville, TN



Consultant:



#	ISSUE	DATE
2	ADD #2.1	02/17/21

Issue Date: 02/01/21

PIC _____

PM _____ CSB

PA _____

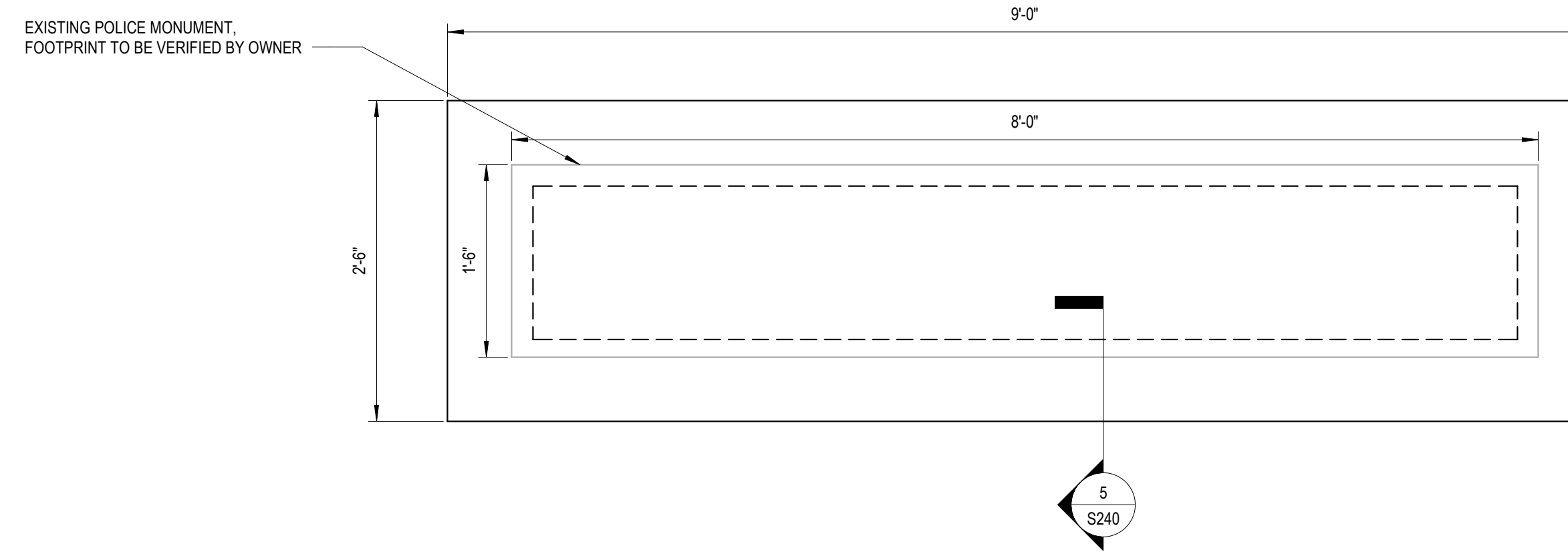
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Checked By: RAH

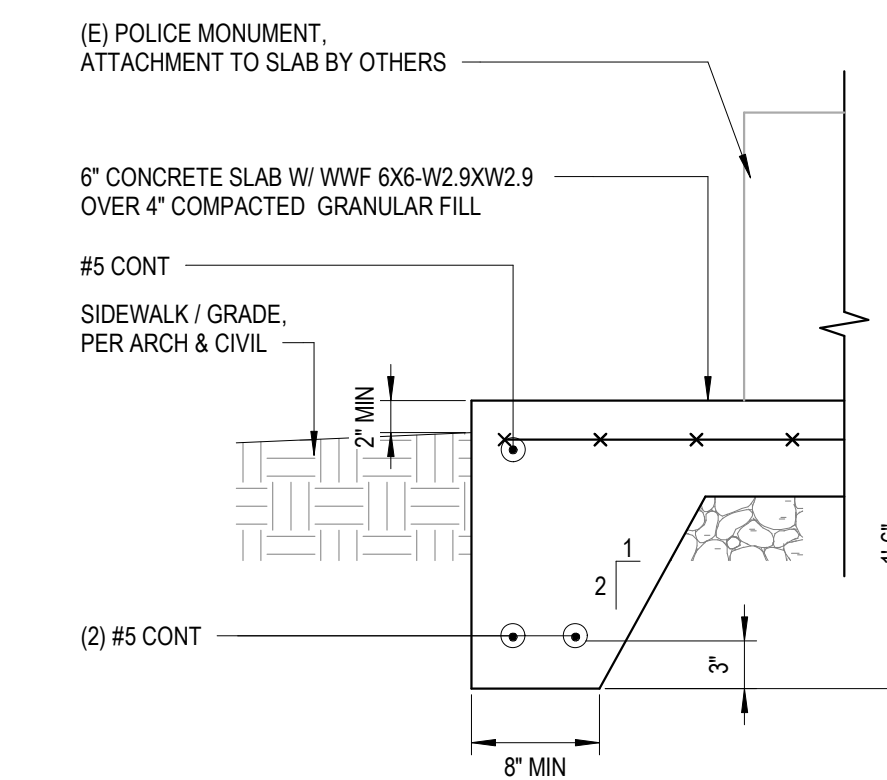
Drawing Info:

S240

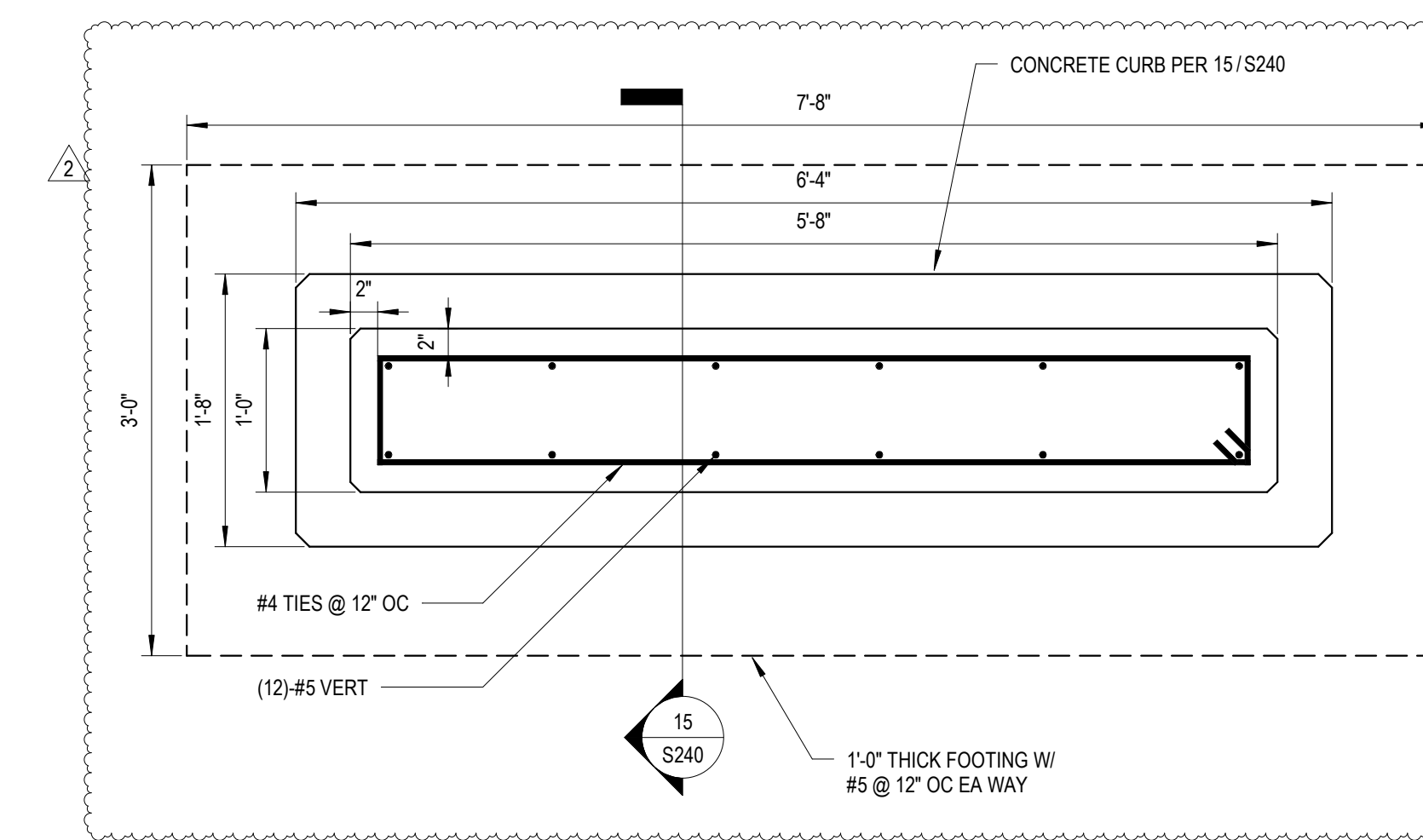
SITE - SECTIONS & DETAILS



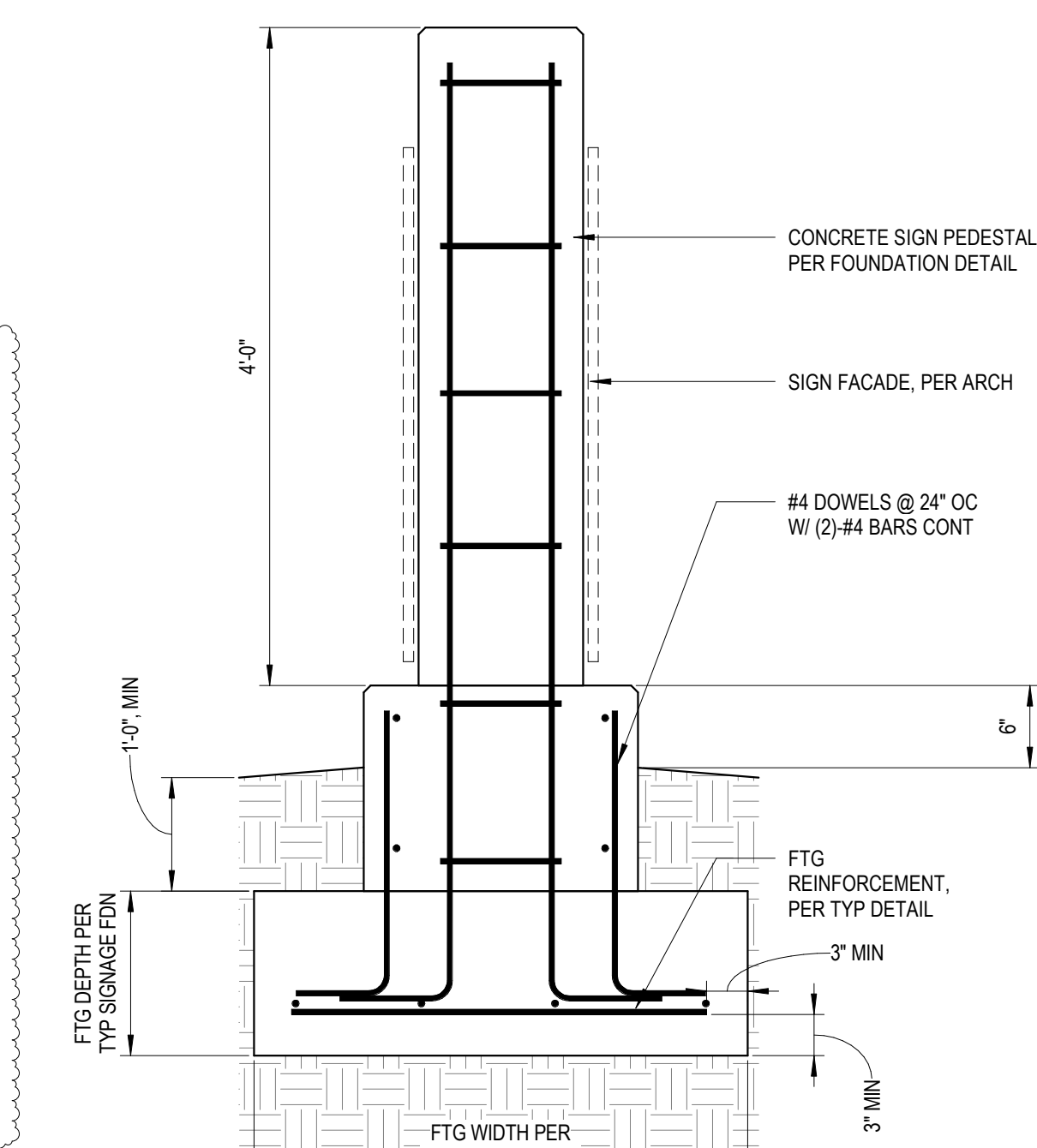
3 EXISTING POLICE MONUMENT PAD
1" = 1'-0"



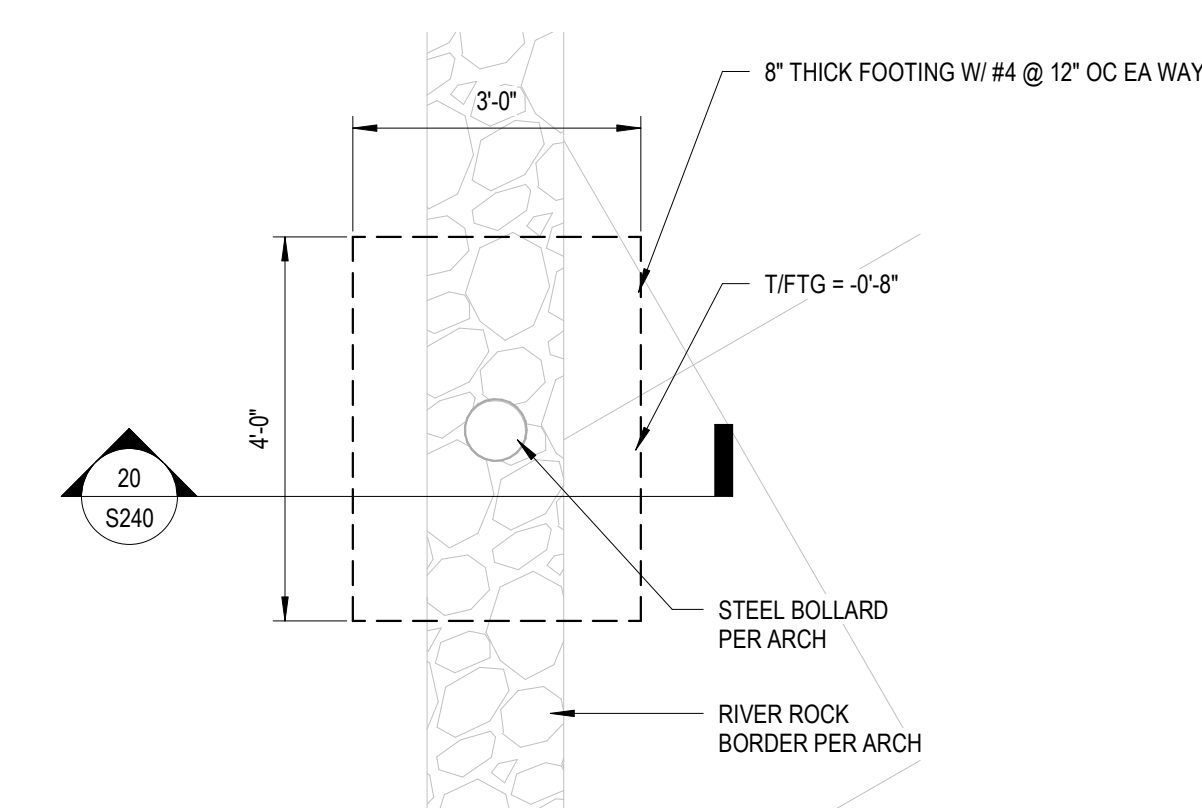
5 MONUMENT PAD
1" = 1'-0"



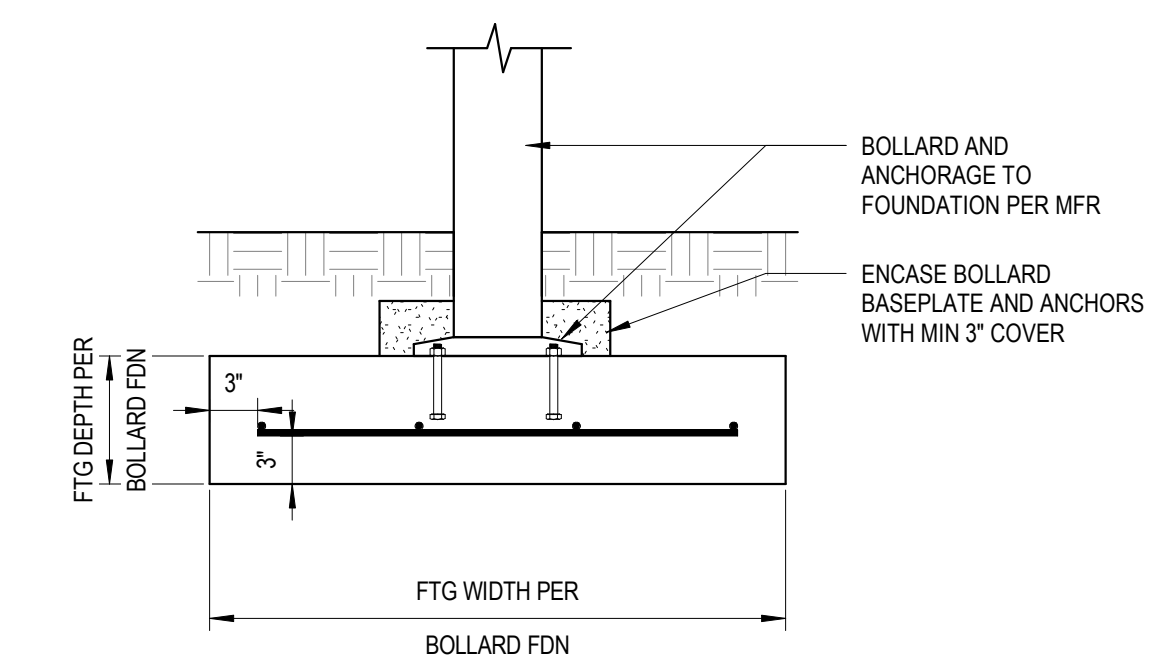
14 MONUMENTAL SIGN FOUNDATION
1" = 1'-0"



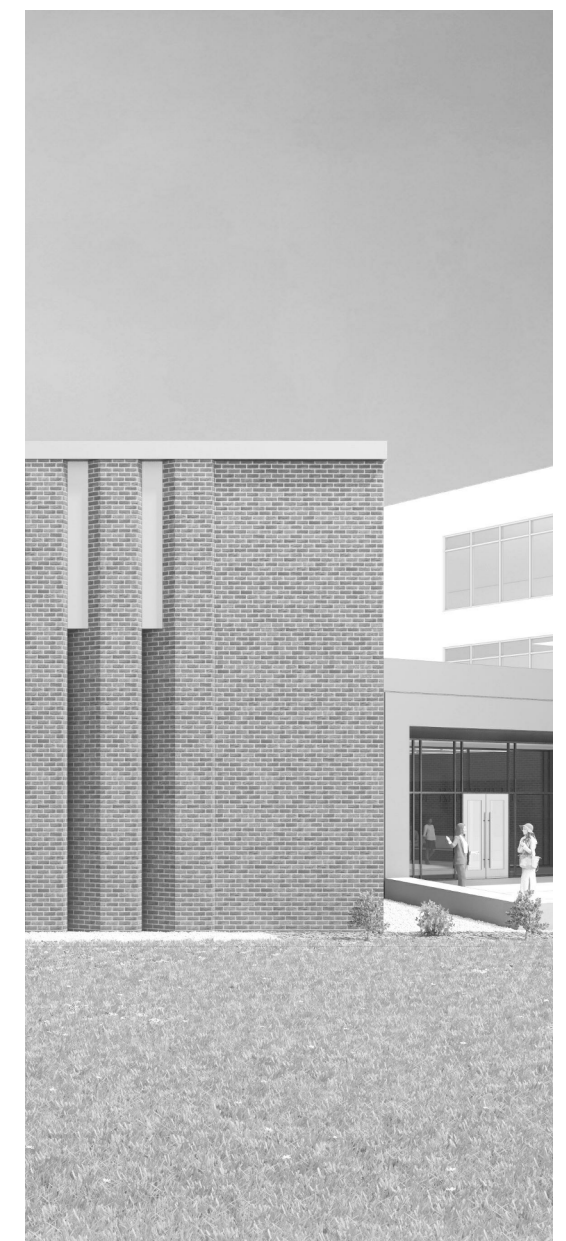
15 MONUMENTAL SIGN SECTION
1" = 1'-0"



19 BOLLARD FOUNDATION
1/2" = 1'-0"



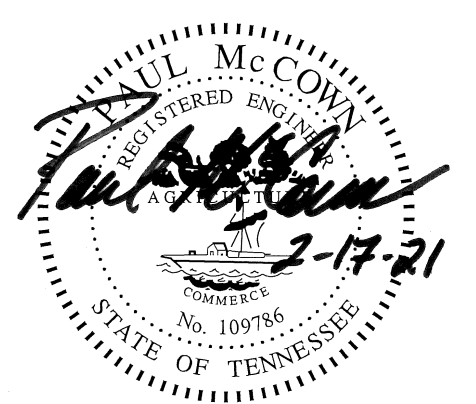
20 BOLLARD SECTION
1" = 1'-0"



Project Information:
19018

COK SAFETY BUILDING
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#	ISSUE	DATE
1	ADD 02.1	02/17/21

Issue Date: February 1, 2021
PIC: DAVID COLLINS
PM: JOHN THURMAN
PA: LAUREN BUSH /
Drawn By: M. NEWTON
Checked By: P. MCCOWN

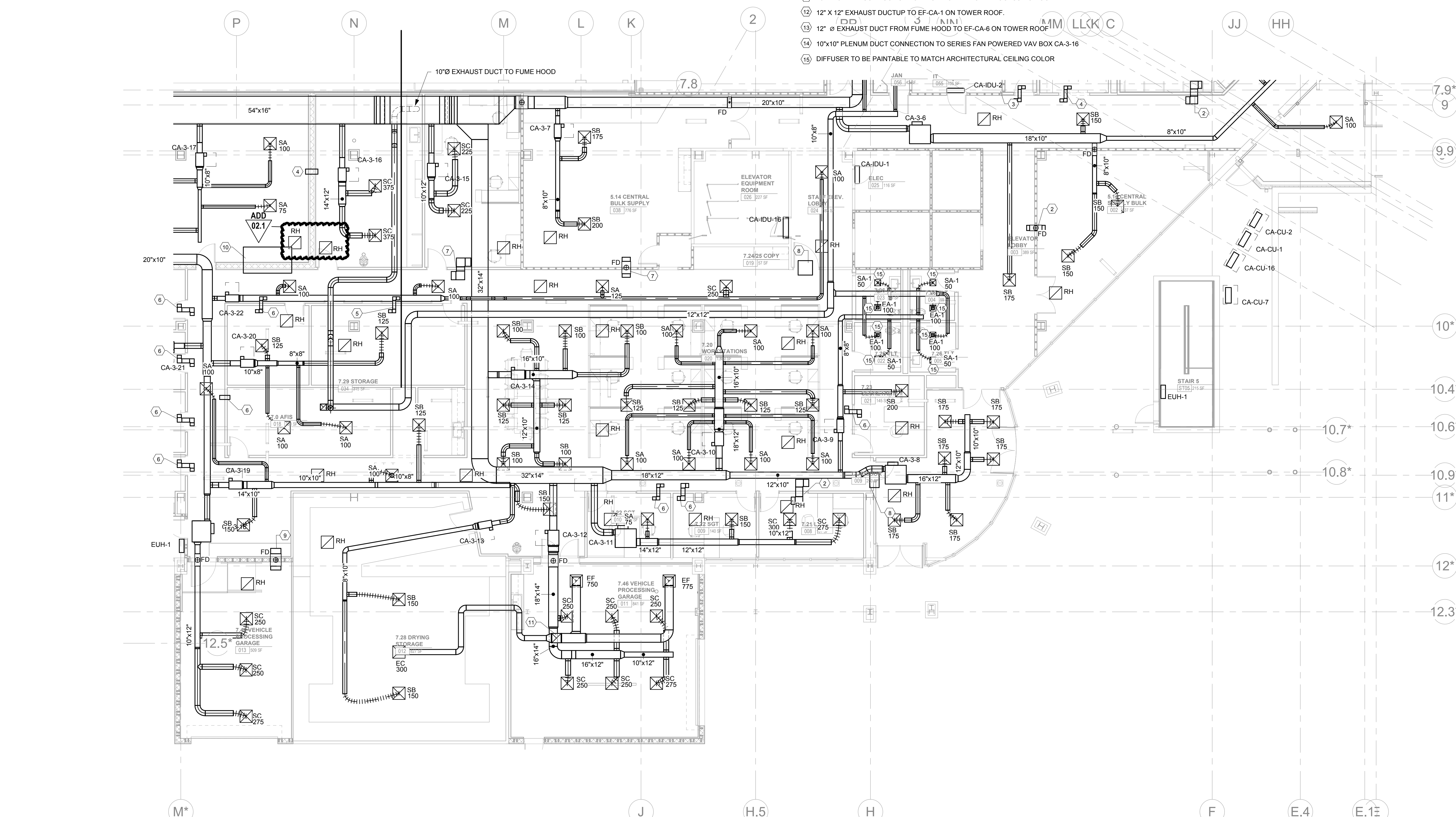
Drawing Info:

M110.2

CA - LEVEL LL3 B FLOOR PLAN - HVAC

KEYNOTES:

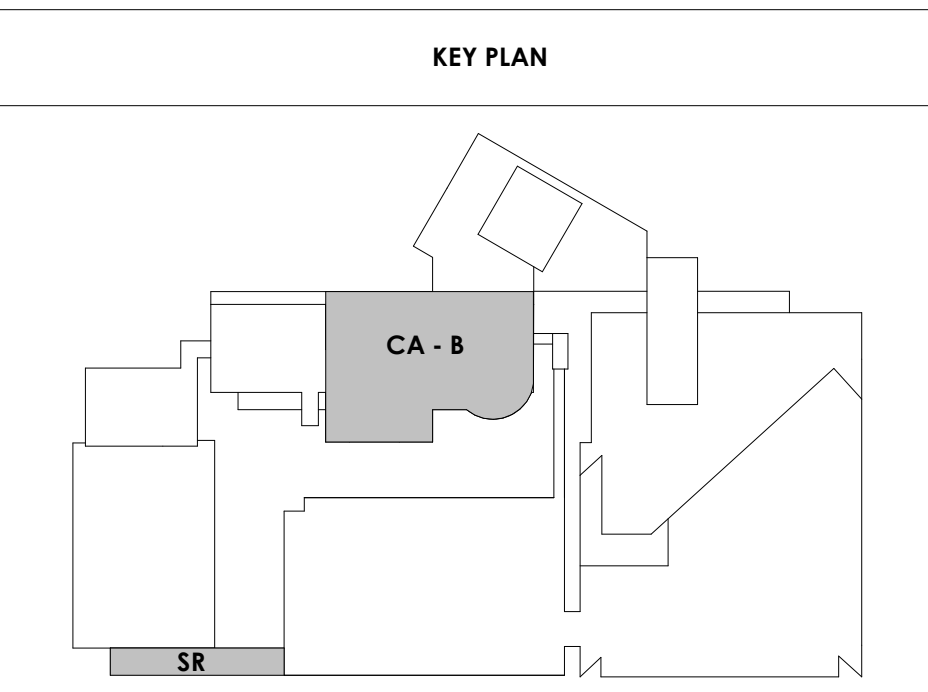
- 1 NOT USED
- 2 14" X 10" TRANSFER DUCT. PROVIDE Z-BEND INSTALLATION WITH 1" FIBROUS LINER PER DETAIL.
- 3 6" X 4" TRANSFER DUCT WITH 1" FIBROUS LINER. PROVIDE Z-BEND INSTALLATION AS SHOWN ON PLANS.
- 4 10" X 10" TRANSFER DUCT WITH 1" FIBROUS LINER. PROVIDE Z-BEND INSTALLATION AS SHOWN ON PLANS.
- 5 8" X 4" TRANSFER DUCT WITH 1" FIBROUS LINER. PROVIDE Z-BEND INSTALLATION AS SHOWN ON PLANS.
- 6 8" X 6" TRANSFER DUCT WITH 1" FIBROUS LINER. PROVIDE Z-BEND INSTALLATION AS SHOWN ON PLANS.
- 7 16" X 12" TRANSFER DUCT WITH 1" FIBROUS LINER. PROVIDE Z-BEND INSTALLATION AS SHOWN ON PLANS.
- 8 28" X 12" TRANSFER DUCT WITH 1" FIBROUS LINER. PROVIDE Z-BEND INSTALLATION AS SHOWN ON PLANS.
- 9 20" X 12" TRANSFER DUCT WITH 1" FIBROUS LINER. PROVIDE Z-BEND INSTALLATION AS SHOWN ON PLANS.
- 10 94" X 30" TRANSFER DUCT WITH 1" FIBROUS LINER. PROVIDE Z-BEND INSTALLATION AS SHOWN ON PLANS.
- 11 18" X 18" EXHAUST DUCT UP TO EF-CA-7 ON VEHICLE PROCESSING ROOF.
- 12 12" X 12" EXHAUST DUCT UP TO EF-CA-1 ON TOWER ROOF.
- 13 12" Ø EXHAUST DUCT FROM FUME HOOD TO EF-CA-6 ON TOWER ROOF.
- 14 10" X 10" PLENUM DUCT CONNECTION TO SERIES FAN POWERED VAV BOX CA-3-16
- 15 DIFFUSER TO BE PAINTABLE TO MATCH ARCHITECTURAL CEILING COLOR

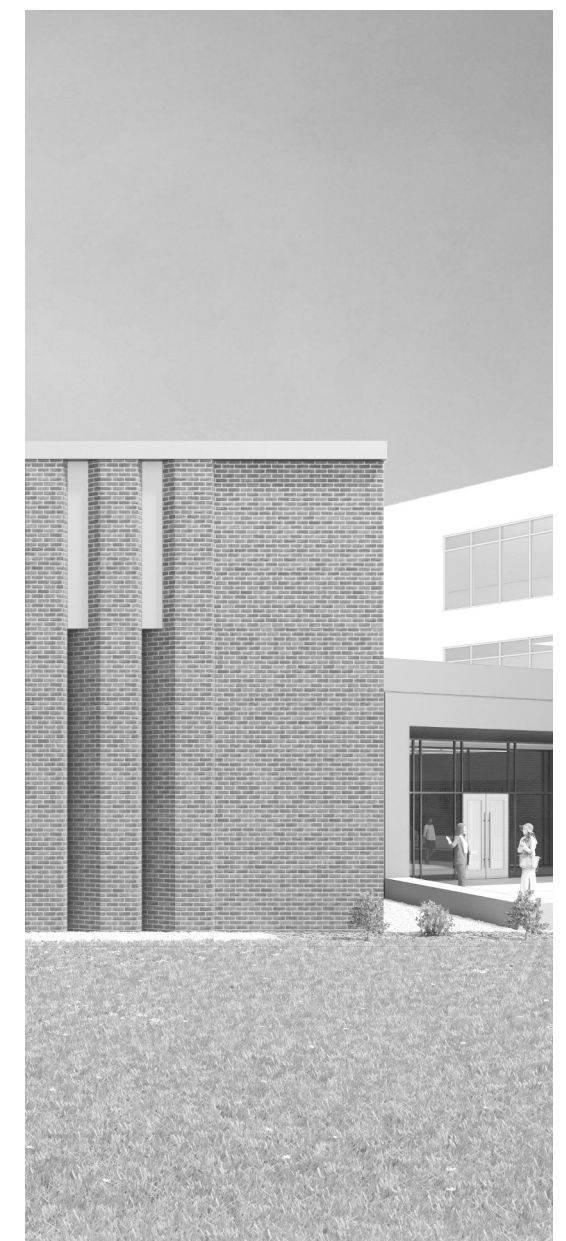


CENTRAL ANNEX - LEVEL LL3 B FLOOR PLAN - HVAC
M110.2 1/8" = 1'-0"

WALL LEGEND

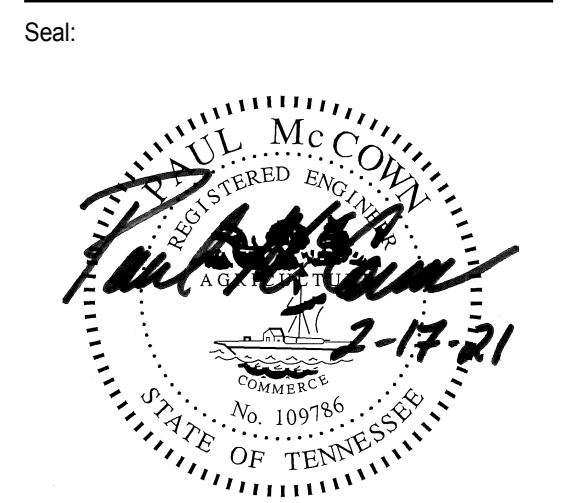
[Symbol]	2-WR PARTITION (ASSEMBLY VARIED)
[Symbol]	1-WR PARTITION (ASSEMBLY VARIED)
[Symbol]	ACUSTIC LEVEL PARTITION (ASSEMBLY VARIED)
[Symbol]	NEW PARTITION (ASSEMBLY VARIED)
[Symbol]	EXISTING PARTITION
[Symbol]	MISSING PARTITION TO BE CONSIDERED





Project Information:
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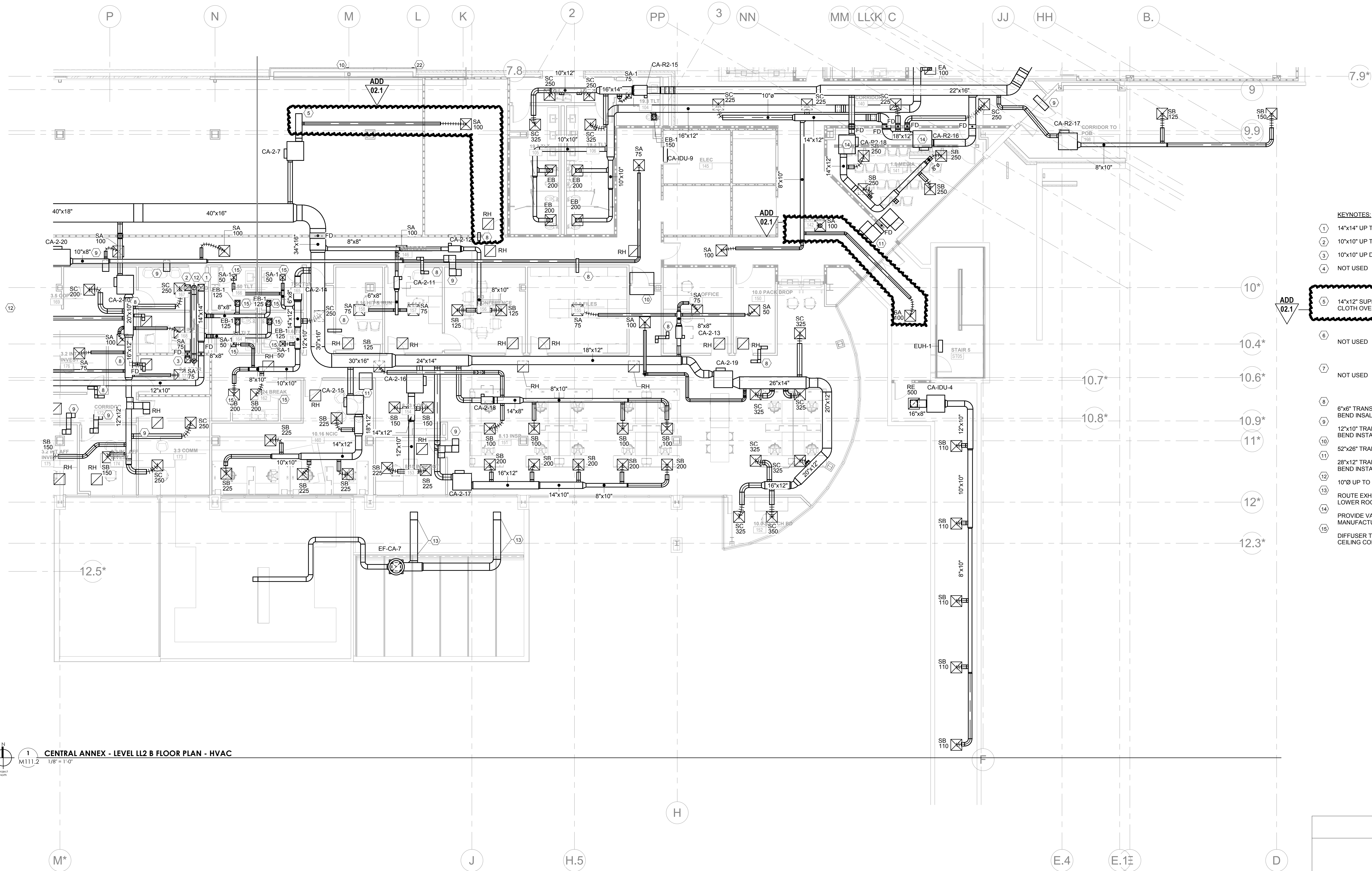
#	ISSUE	DATE
1	ADD 02.1	02/17/21

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

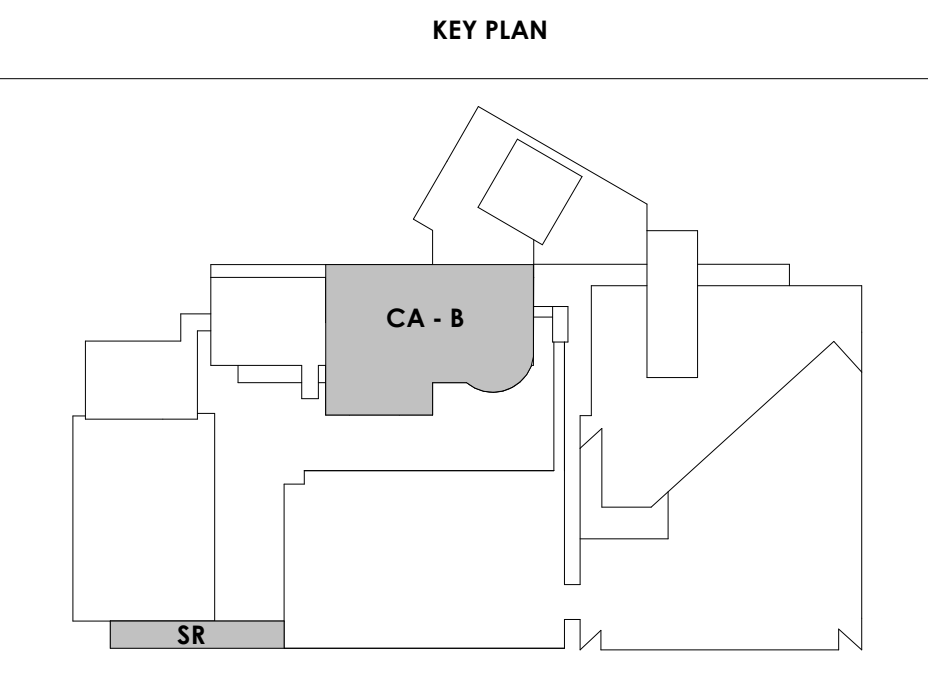
CA - LEVEL LL2 B
FLOOR PLAN - HVAC



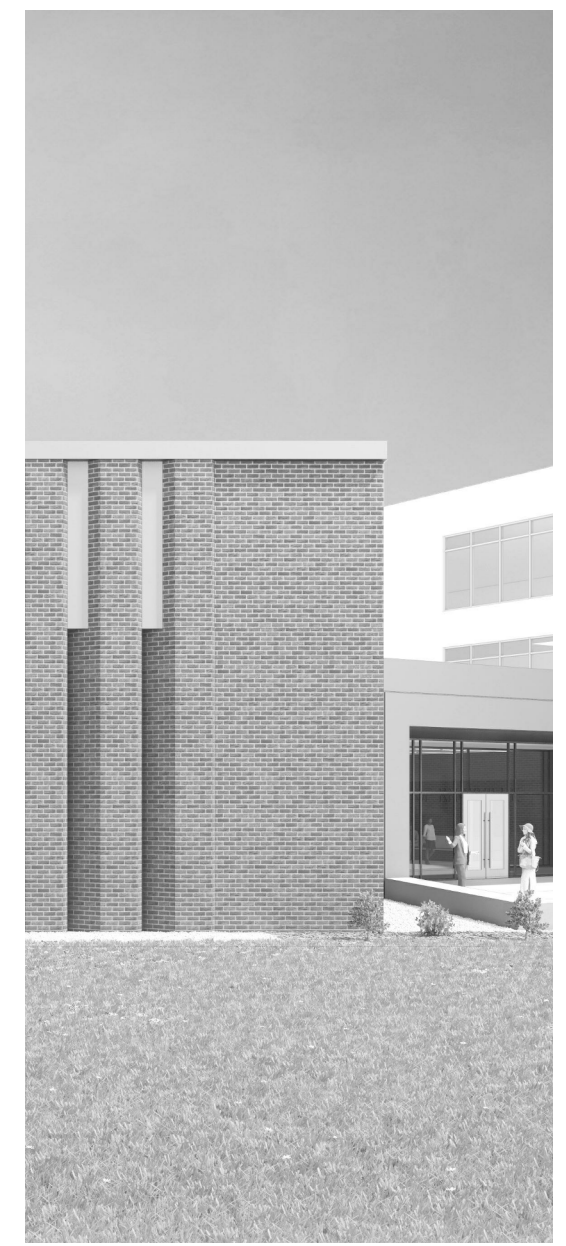
- KEYNOTES:**
- 1 14"x14" UP TO ROOF TO EF-2, SERVING LL2
 - 2 10"x10" UP TO ROOF TO EF-1, SERVING LL3
 - 3 10"x10" UP DOWN TO LL2 BELOW
 - 4 NOT USED
 - 5 14"x12" SUPPLY DUCT OPEN TO SPACE. PROVIDE HARDWARE CLOTH OVER OPENING. BALANCE MVD TO 800 CFM.
 - 6 NOT USED
 - 7 NOT USED
 - 8 6"x6" TRANSFER DUCT 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

[Symbol]	2" X 4" PARTITION (ASSEMBLY VARIETY)
[Symbol]	1" X 4" PARTITION (ASSEMBLY VARIETY)
[Symbol]	HALLOWELL LEVEL PARTITION (ASSEMBLY VARIETY)
[Symbol]	NEW PARTITION (ASSEMBLY VARIETY)
[Symbol]	EXISTING PARTITION
[Symbol]	EXISTING PARTITION TO BE DISCARDED



1 CENTRAL ANNEX - LEVEL LL2 B FLOOR PLAN - HVAC
M111.2
1/8" = 1'-0"



Project Information:

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#	ISSUE	DATE
1	ADD 02.1	02/17/21

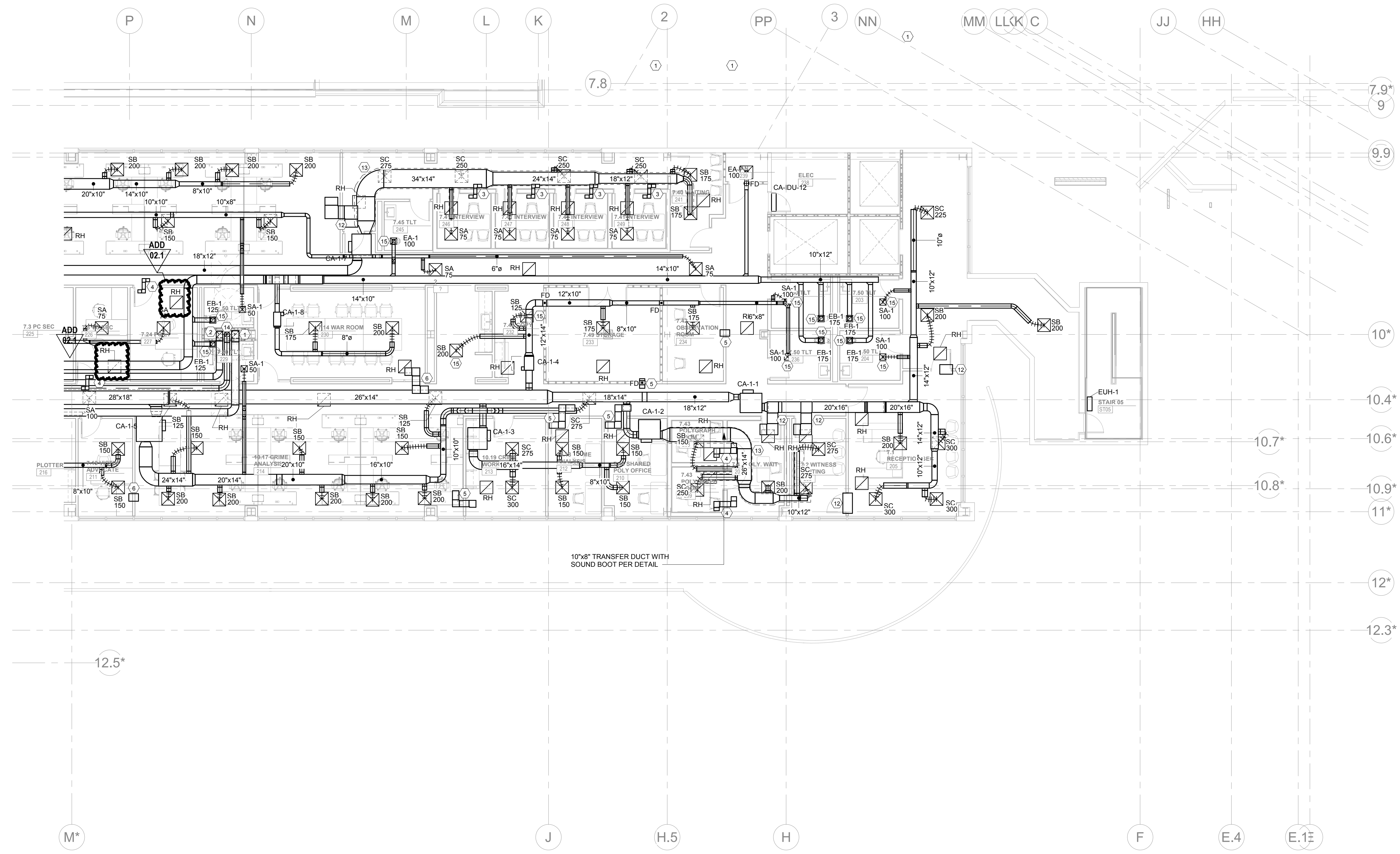
Issue Date: February 1, 2021
PIC: DAVID COLLINS
PM: JOHN THURMAN
PA: LAUREN BUSH /
Drawn By: M. NEWTON
Checked By: P. MCCOWN

Drawing Info:

M112.2

CA - LEVEL LL1 B
FLOOR PLAN - HVAC

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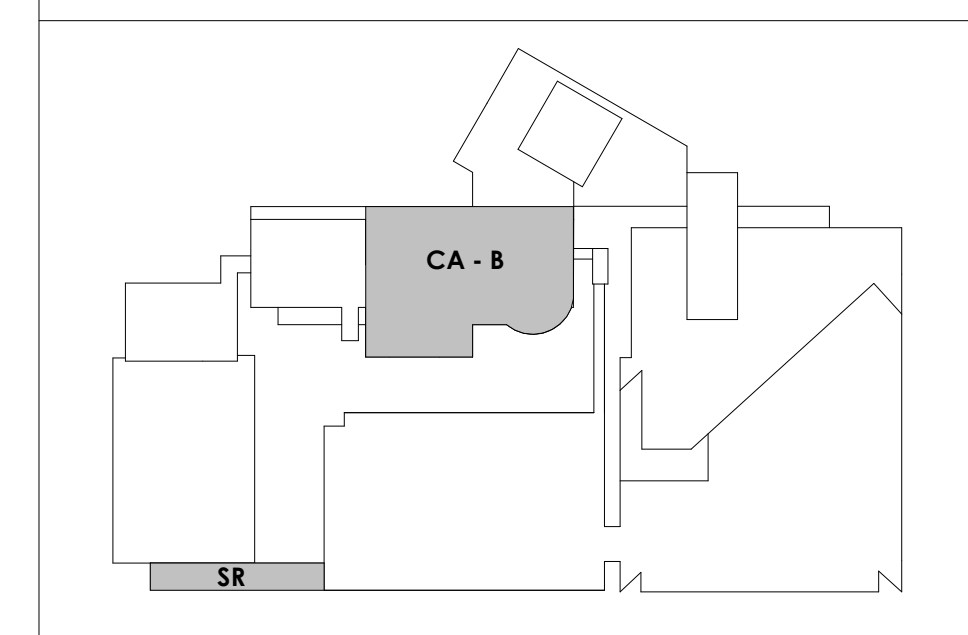


KEYNOTES:

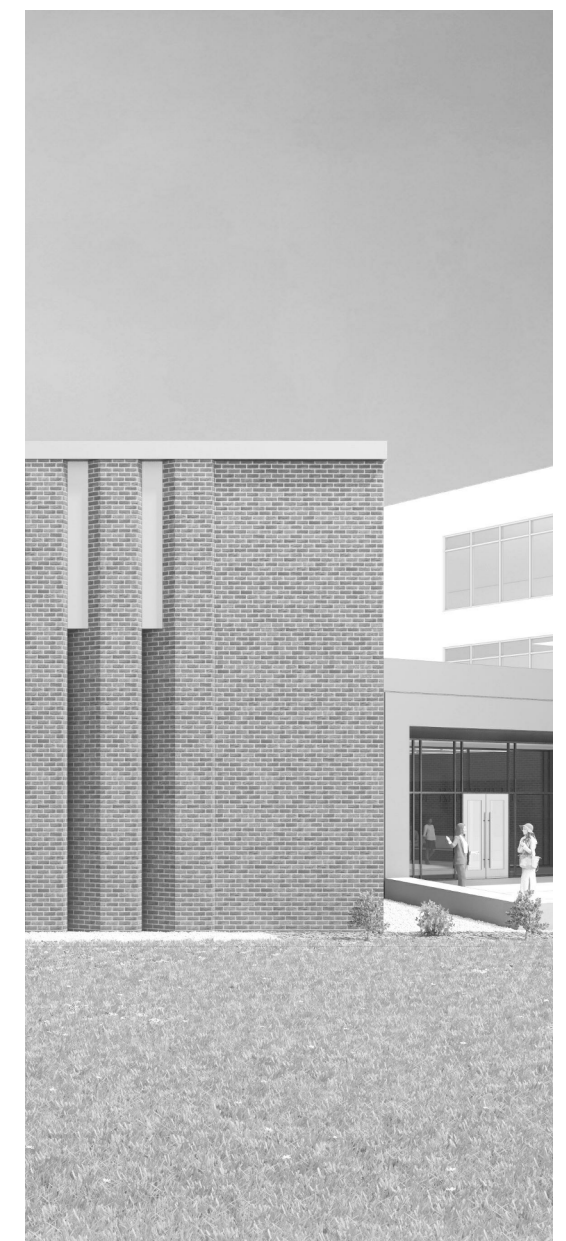
- ① 14"x14" EXHAUST DUCT UP FROM FLOOR BELOW, SERVING LL2.
- ② 12"x12" EXHAUST DUCT UP FROM FLOOR BELOW, SERVING LL3
- ③ 6"x6" TRANSFER DUCT WITH 1" FIBROUS LINER. PROVIDE Z-BEND AS SHOWN ON DRAWINGS
- ④ 10"x8" TRANSFER DUCT WITH 1" FIBROUS LINER. PROVIDE Z-BEND AS SHOWN ON DRAWINGS
- ⑤ 12"x8" TRANSFER DUCT WITH 1" FIBROUS LINER. PROVIDE Z-BEND AS SHOWN ON DRAWINGS
- ⑥ 14"x8" TRANSFER DUCT WITH 1" FIBROUS LINER. PROVIDE Z-BEND AS SHOWN ON DRAWINGS
- ⑦ NOT USED
- ⑧ NOT USED
- ⑨ NOT USED
- ⑩ NOT USED
- ⑪ NOT USED
- ⑫ 24"x12" TRANSFER DUCT WITH 1" FIBROUS LINER. PROVIDE Z-BEND AS SHOWN ON DRAWINGS
- ⑬ PROVIDE ACOUSTIC BARRIER WRAP EQUIVALENT TO KINETIC MODEL KNW-100ALQ
- ⑭ 10" Ø UP FROM LL3 LAB HOOD
- ⑮ DIFFUSER TO BE PAINTABLE TO MATCH ARCHITECTURAL CEILING COLOR

WALL LEGEND	
	2" H PARTITION (ASSEMBLY VARIED)
	1" H PARTITION (ASSEMBLY VARIED)
	1\"/>
	1\"/>
	1\"/>
	1\"/>

KEY PLAN



CENTRAL ANNEX - LEVEL LL1 B FLOOR PLAN - HVAC
M112.2 1/8" = 1'-0"

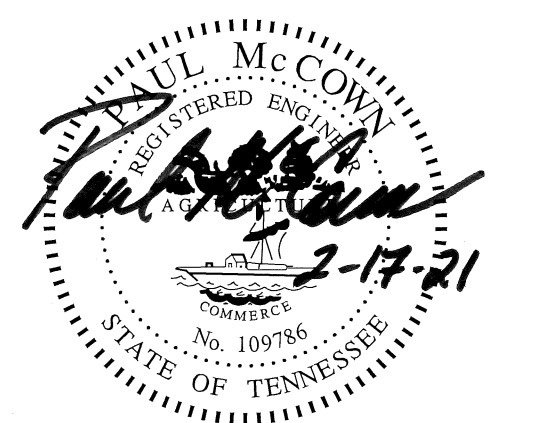


Project Information:
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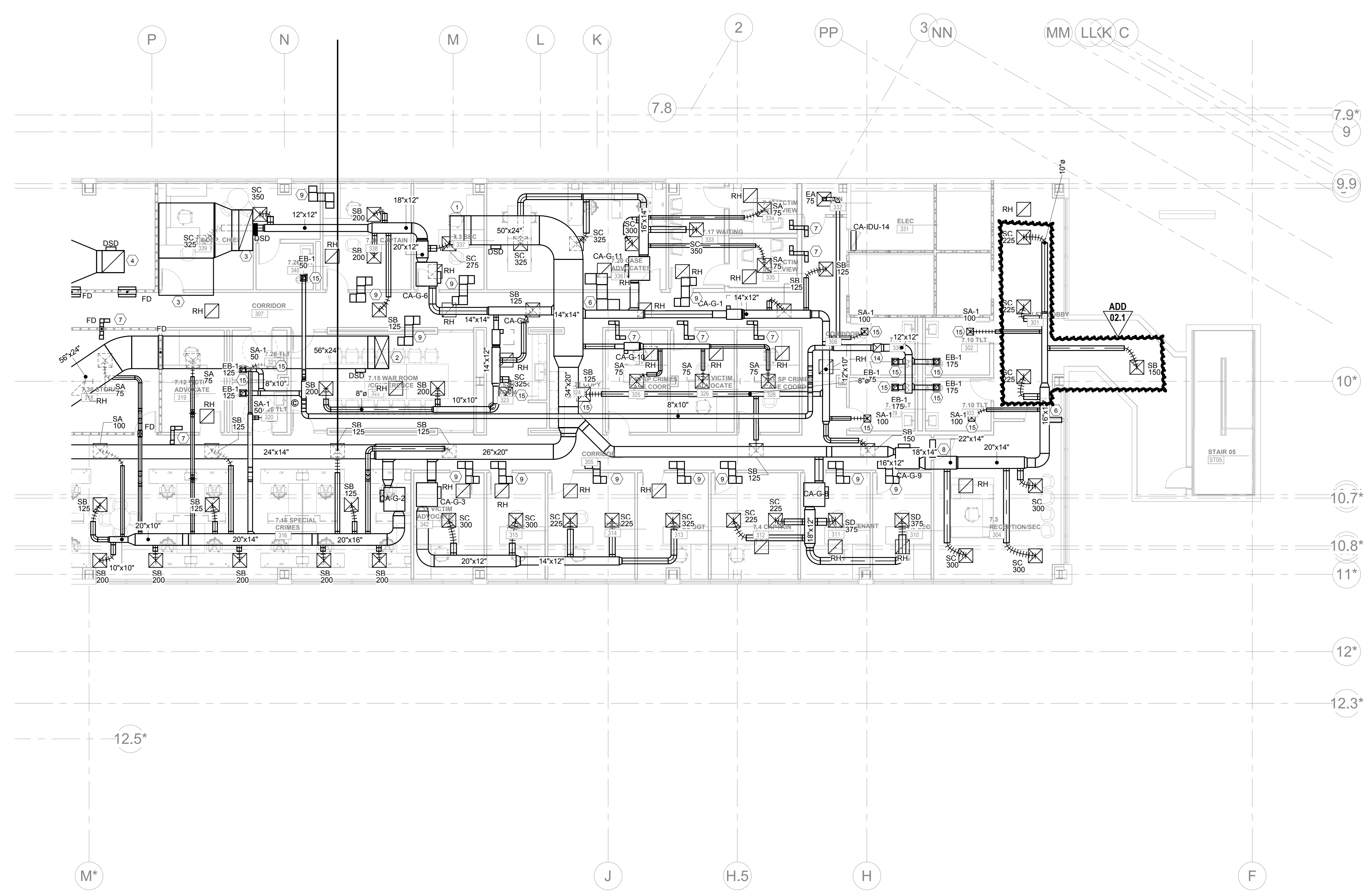
#	ISSUE	DATE
1	ADD 02.1	02/17/21

Issue Date: February 1, 2021
PIC: DAVID COLLINS
PM: JOHN THURMAN
PA: LAUREN BUSH /
Drawn By: M. NEWTON
Checked By: P. MCCOWN

Drawing Info:

M113.2

CA - LEVEL GROUND B FLOOR PLAN - HVAC



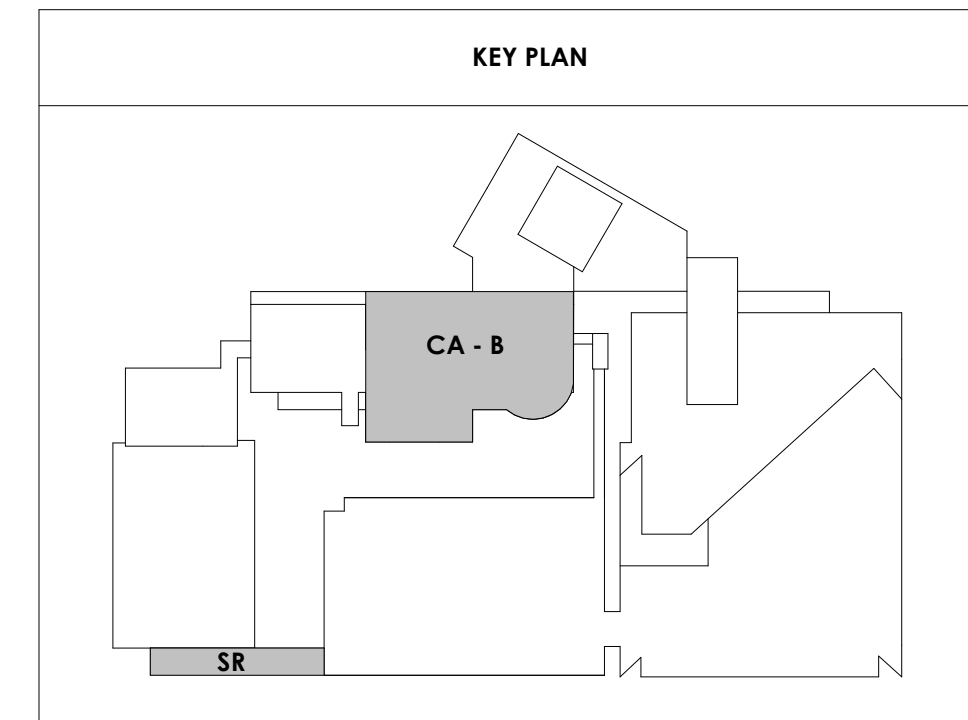
M113.2 CENTRAL ANNEX - GROUND LEVEL B FLOOR PLAN - HVAC
1/8" = 1'-0"

KEYNOTES:

- 1) 50"x24" SUPPLY DUCT DOWN FROM CA-AHU-GRD IN PENTHOUSE. UTILIZE EXISTING 50"x24" DUCT OPENING. PROVIDE ACOUSTICAL BARRIER WRAP PER DETAIL.
- 2) 56"x24" SUPPLY DUCT DOWN FROM CA-AHU-LL1 IN PENTHOUSE. PROVIDE ACOUSTICAL BARRIER WRAP PER DETAIL. COORDINATE EXPANSION OF EXISTING 34"Ø OPENING WITH STRUCTURAL CONTRACTOR.
- 3) 70"x24" RETURN DUCT UP TO CA-AHU-GRD. PROVIDE ACOUSTICAL BARRIER WRAP PER DETAIL. UTILIZE EXISTING 70"x24" OPENING IN PENTHOUSE SLAB.
- 4) 38"x38" RETURN DUCT UP TO CA-AHU-LL1 IN PENTHOUSE. PROVIDE ACOUSTICAL BARRIER WRAP PER DETAIL. TRANSFER TO 76"x28" AFTER PENTHOUSE PENETRATION.
- 5) 94"x30" RETURN TRANSFER OPENING WITH 1" FIBROUS LINER. REDUCE TO 70"x24" AFTER 90° ELBOW.
- 6) 18"x10" RETURN TRANSFER DUCT. PROVIDE 1" FIBROUS LINER AND Z-BEND AS SHOWN ON DRAWINGS.
- 7) 6"x6" TRANSFER DUCT WITH 1" FIBROUS LINER. PROVIDE Z-BEND AS SHOWN ON DRAWINGS.
- 8) 26"x14" TRANSFER DUCT WITH 1" FIBROUS LINER. PROVIDE Z-BEND AS SHOWN ON DRAWINGS.
- 9) 14"x10" TRANSFER DUCT WITH 1" FIBROUS LINER. PROVIDE Z-BEND AS SHOWN ON DRAWINGS.
- 10) NOT USED
- 11) NOT USED
- 12) NOT USED
- 13) NOT USED
- 14) 14"x14" DUCT UP TO EF-CA-4 ON ROOF
- 15) DIFFUSER TO BE PAINTABLE TO MATCH ARCHITECTURAL CEILING COLOR

WALL LEGEND

[Symbol]	2 HR PARTITION (ASSEMBLY VARIED)
[Symbol]	1 HR PARTITION (ASSEMBLY VARIED)
[Symbol]	RAUCLIC LEVEL 3 PARTITION (ASSEMBLY VARIED)
[Symbol]	NEW PARTITION (ASSEMBLY VARIED)
[Symbol]	EXISTING PARTITION
[Symbol]	EXISTING PARTITION TO BE DEMOLISHED





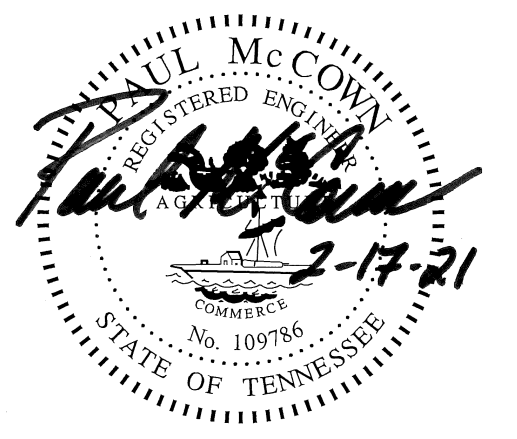
Project Information:

19018

COK SAFETY BUILDING

900 East Oak Hill Ave, Knoxville, TN

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#	ISSUE	DATE
1	ADD 02.1	02/17/21

Issue Date: February 1, 2021
PIC: DAVID COLLINS
PM: JOHN THURMAN
PA: LAUREN BUSH /
Drawn By: M. NEWTON
Checked By: P. MCCOWN

Drawing Info:

M120.1

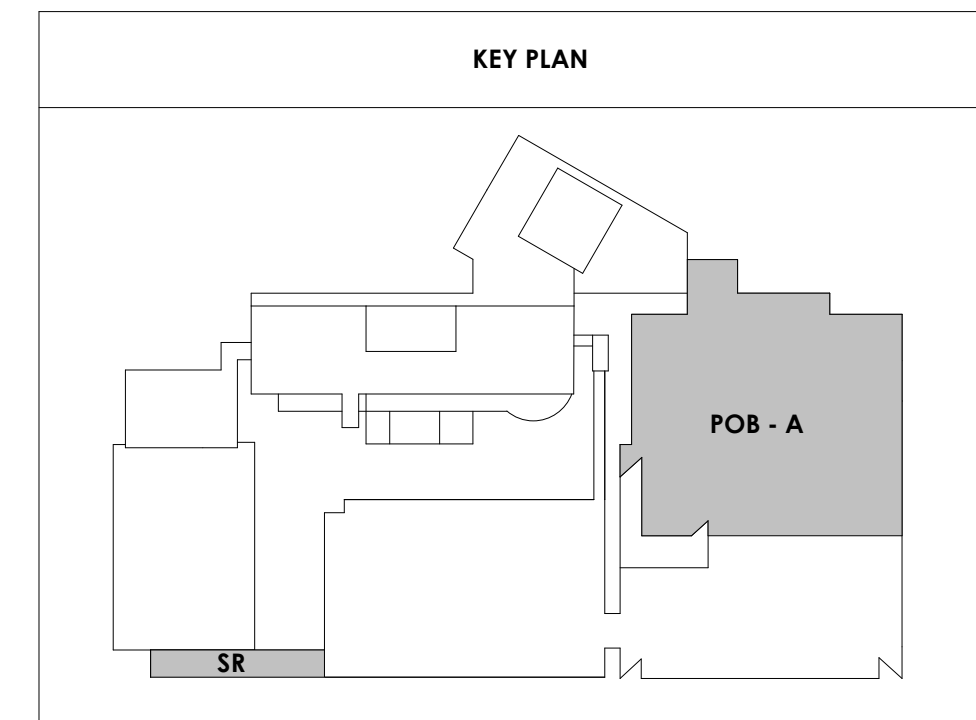
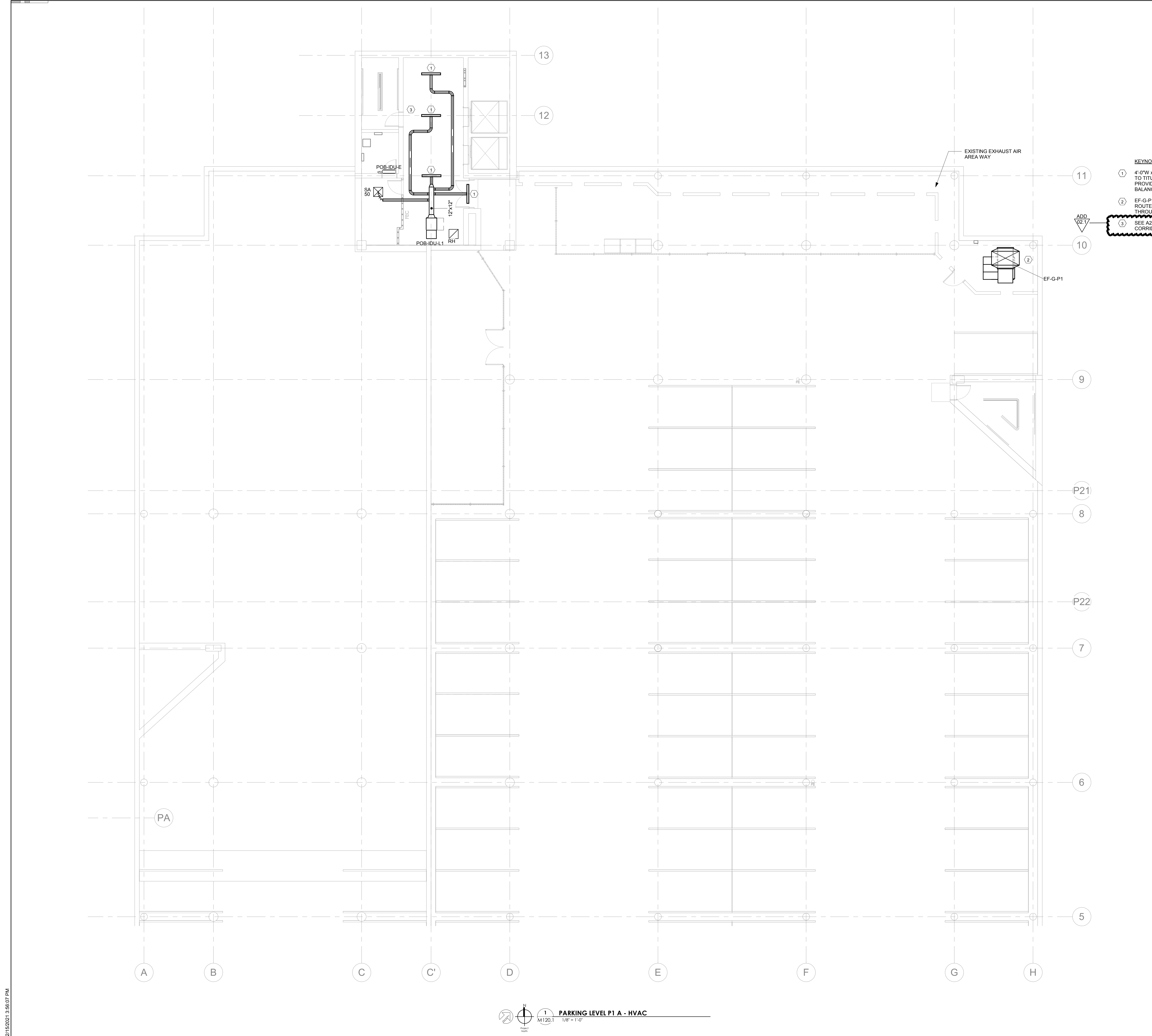
PARKING LEVEL P1 A - HVAC

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

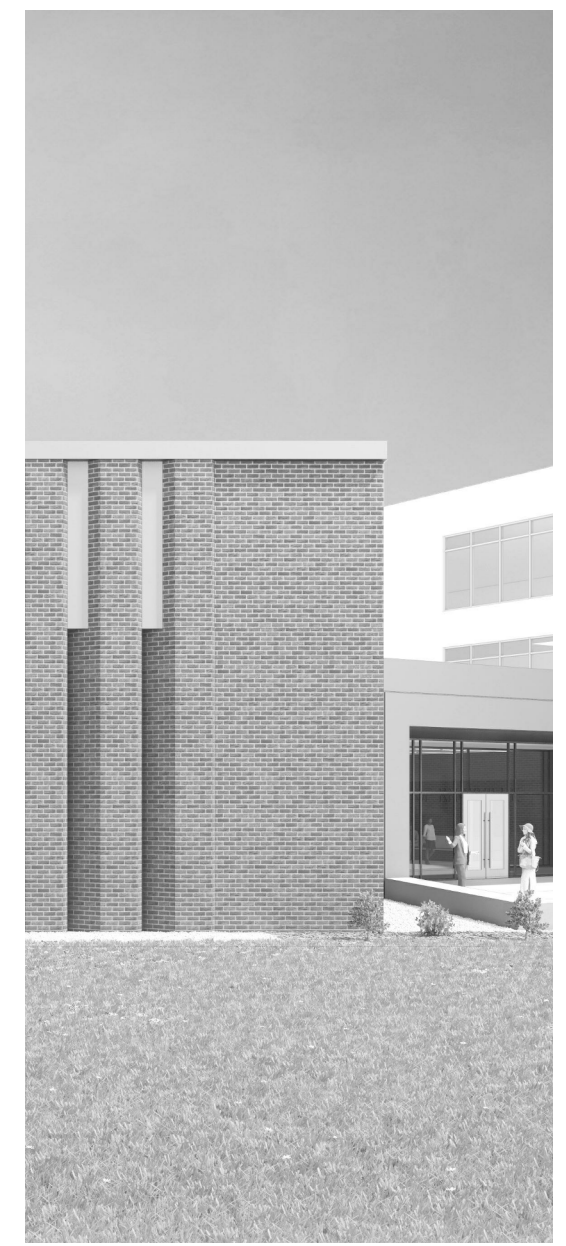
KEYNOTES:

- ① 4'-0" W x 1" D LINEAR SLOT DIFFUSER EQUAL TO TITUS FL-10, HIGH THROW PATTERN. PROVIDE FACTORY PLENUM WITH 6"Ø. BALANCE W/D TO 125 CFM.
- ② EF-G-P1 MOUNTED ON 4" CONCRETE PAD. ROUTE 22"x56" DUCT UP TO FLOOR ABOVE THROUGH EXISTING CONCRETE PENETRATION
- ③ SEE A220 FOR RCP AT ELEVATOR LOBBY AND CORRIDOR

ADD 02.1



2/15/2021 3:56:07 PM



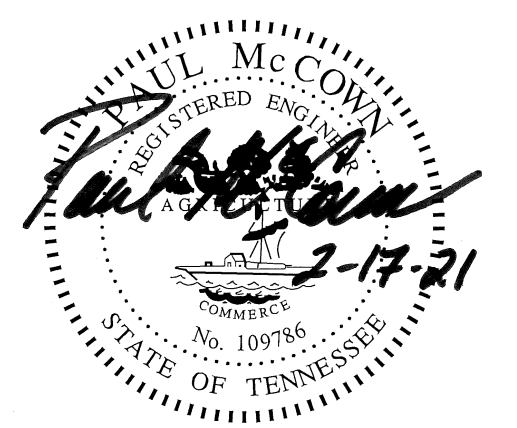
Project Information:

19018

COK SAFETY BUILDING

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1	ADD 02.1	02/17/21

Issue Date: February 1, 2021
PIC: DAVID COLLINS
PM: JOHN THURMAN
PA: LAUREN BUSH /
Drawn By: M. NEWTON
Checked By: P. MCCOWN

Drawing Info:

M121.1

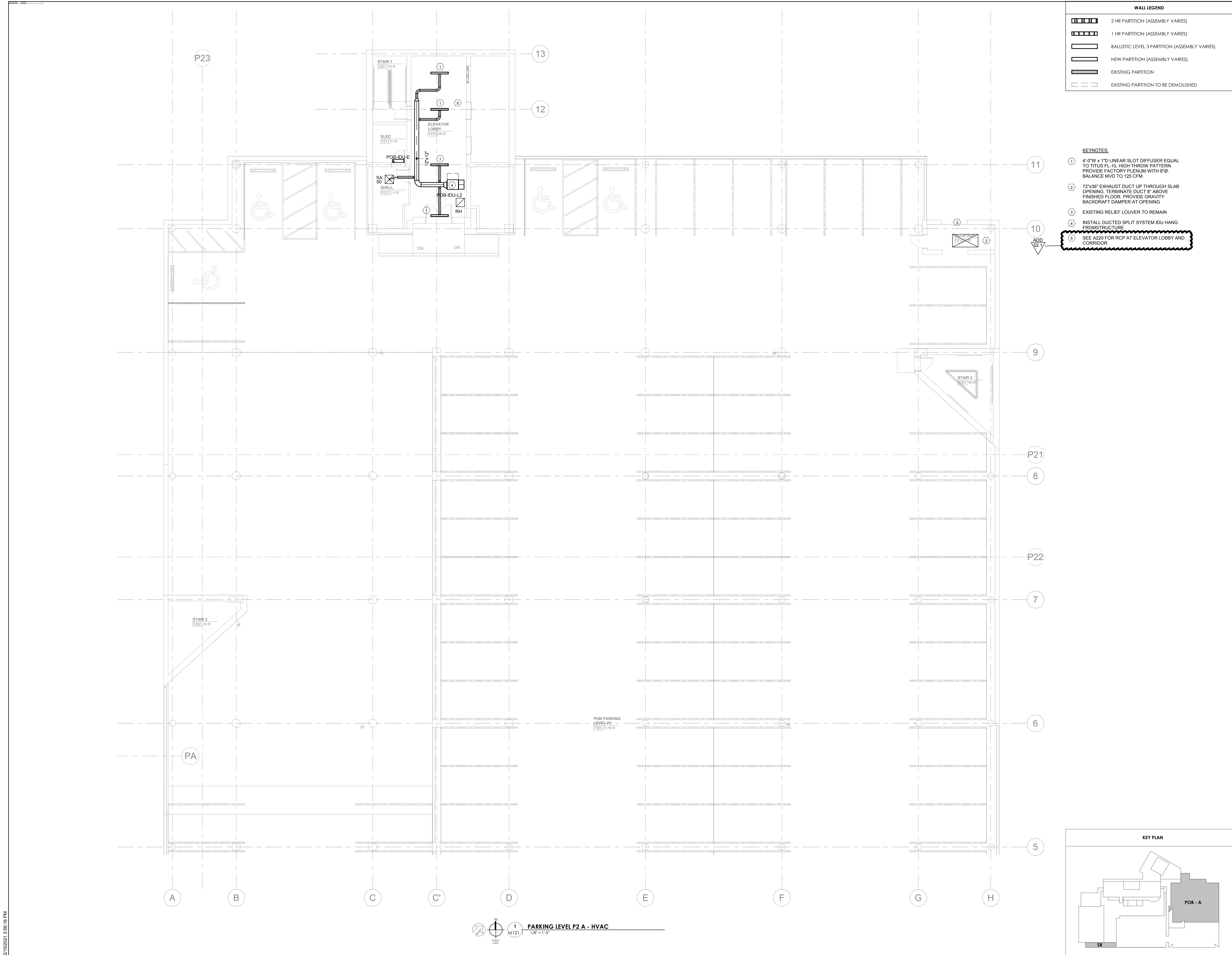
PARKING LEVEL P2 A - HVAC

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

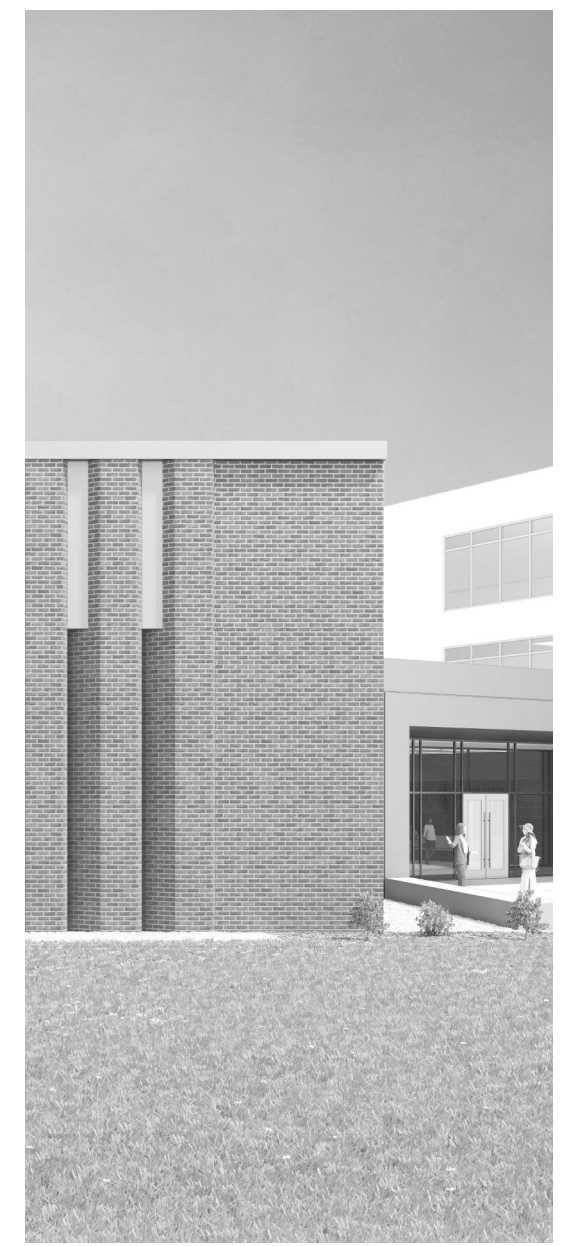
KEYNOTES:

- ① 4'-0" W x 1" D LINEAR SLOT DIFFUSER EQUAL TO TITUS FL-10, HIGH THROW PATTERN. PROVIDE FACTORY PLENUM WITH 6" Ø. BALANCE MVD TO 125 CFM.
- ② 72"x36" EXHAUST DUCT UP THROUGH SLAB OPENING. TERMINATE DUCT 8" ABOVE FINISHED FLOOR. PROVIDE GRAVITY BACKDRAFT DAMPER AT OPENING.
- ③ EXISTING RELIEF LOUVER TO REMAIN.
- ④ INSTALL DUCTED SPLIT SYSTEM IDU HANG FROM STRUCTURE.
- ⑤ SEE A220 FOR RCP AT ELEVATOR LOBBY AND CORRIDOR.

10
ADD
02.1



PARKING LEVEL P2 A - HVAC
M121.1
1/8" = 1'-0"



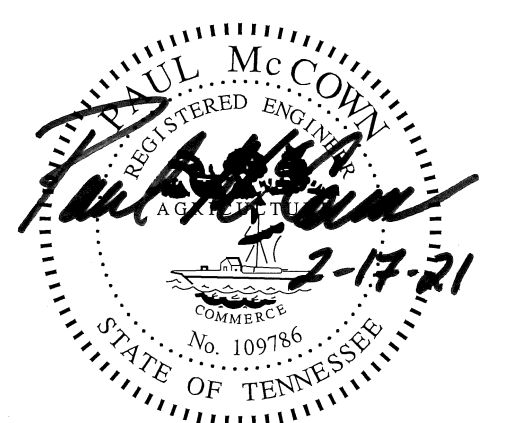
Project Information:

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Checked By: P. MCCOWN

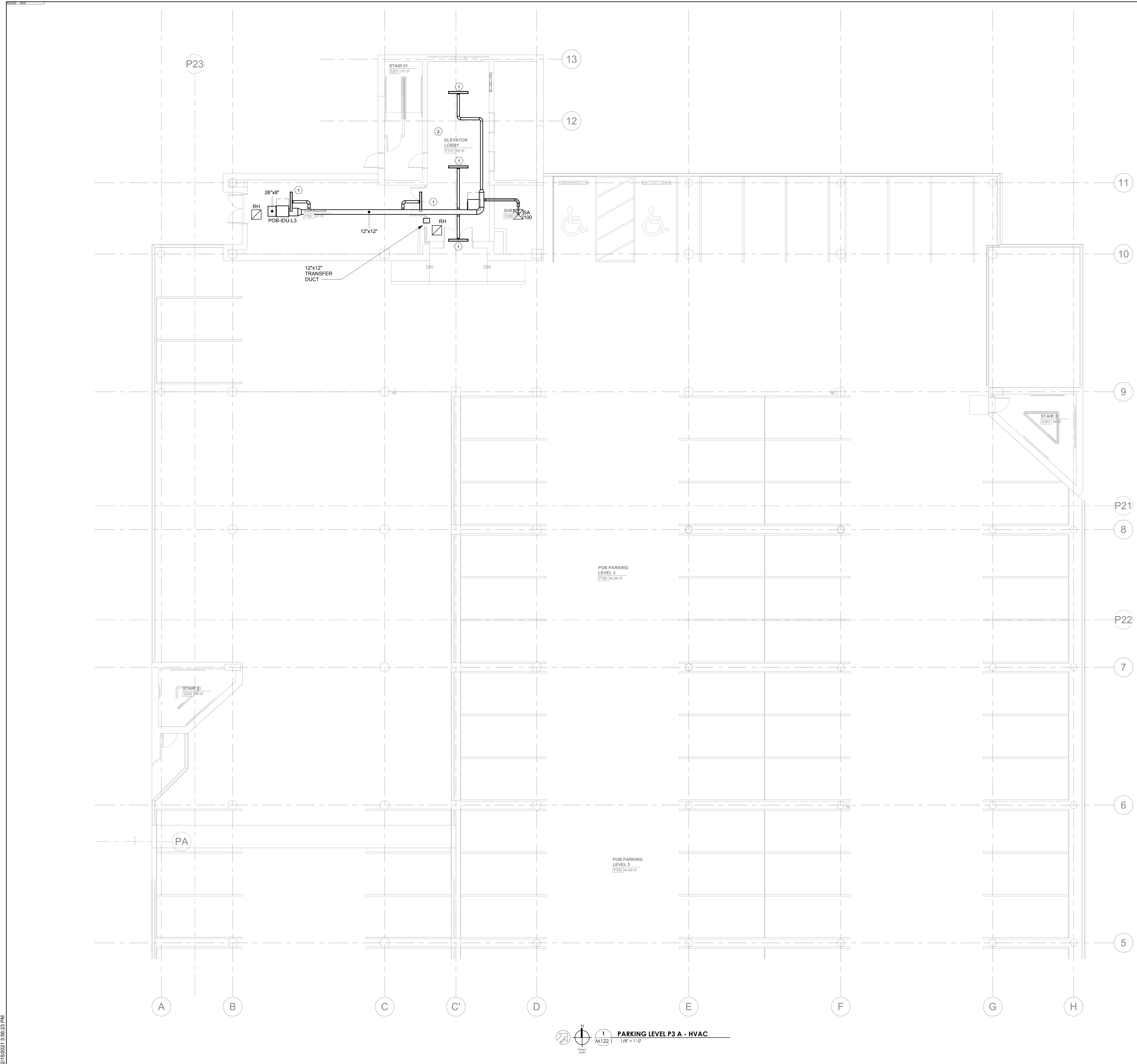
Drawing Info:

M122.1

PARKING LEVEL P3 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" W x 1" D LINEAR SLOT DIFFUSER EQUAL TO TITUS FL-10, HIGH THROW PATTERN. PROVIDE FACTORY FLENUM WITH 0° BALANCE MVD TO 100 CFM.
 - SEE A220 FOR RCP AT ELEVATOR LOBBY AND CORRIDOR.



1 M122.1 1/8" = 1'-0" PARKING LEVEL P3 A - HVAC

2/15/2021 3:58:23 PM



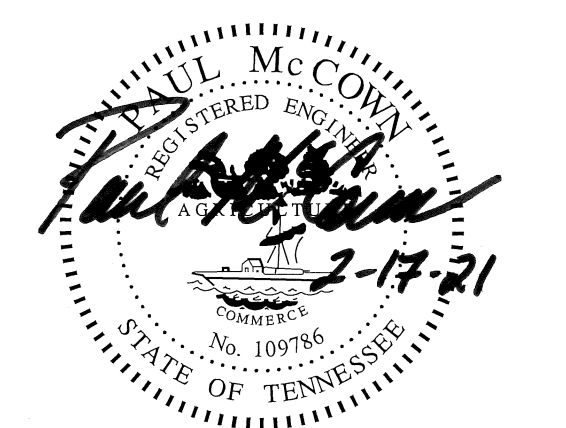
Project Information:

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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PHONE: (865) 525-3488
FAX: (865) 525-4471
www.ictthomasson.com

#	ISSUE	DATE
1	ADD 02.1	02/17/21

Issue Date: February 1, 2021
PIC: DAVID COLLINS
PM: JOHN THURMAN
PA: LAUREN BUSH /
Drawn By: M. NEWTON
Checked By: P. MCCOWN

Drawing Info:

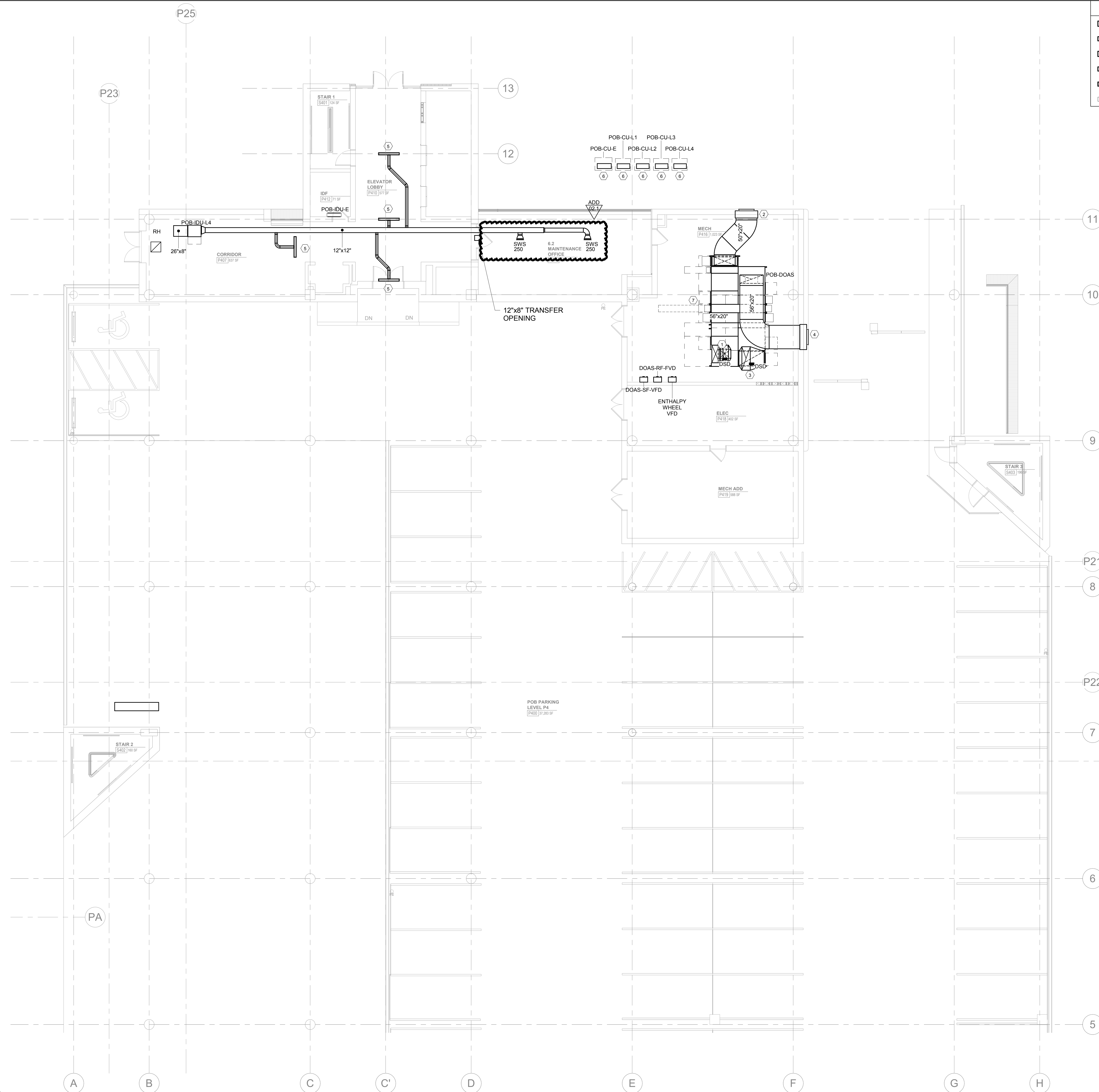
M123.1

PARKING LEVEL P4 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:

- 42"x18" SUPPLY DUCT UP TO FLOOR ABOVE. PROVIDE FIRE DAMPER AT FLOOR PENETRATION. DUCT TO PENETRATE FLOOR BETWEEN CONCRETE JOISTS
- PROVIDE FULL-SIZE, INSULATED SHEET METAL PLENUM CONNECTION TO EXISTING LOUVER. LOUVER APPROXIMATELY 36"x120". FIELD VERIFY EXACT SIZE AND LOCATION. CONNECT NEW 50"x20" DUCT.
- 56"x20" EXHAUST DUCT DOWN FROM FLOOR ABOVE. PROVIDE FIRE DAMPER AT FLOOR PENETRATION. DUCT TO PENETRATE FLOOR BETWEEN CONCRETE JOISTS
- PROVIDE FULL-SIZE, INSULATED SHEET METAL PLENUM CONNECTION TO EXISTING LOUVER. LOUVER APPROXIMATELY 36"x120". FIELD VERIFY EXACT SIZE AND LOCATION. CONNECT NEW 50"x20" DUCT.
- 4'-0"W x 1"D LINEAR SLOT DIFFUSER EQUAL TO TITUS FL-10, HIGH THROW PATTERN. PROVIDE FACTORY PLENUM WITH 6"Ø. BALANCE MVD TO 75 CFM.
- SPLIT SYSTEM CONDENSING UNITS INSTALLED ON 4" CONCRETE PADS. PADS TO BE INSTALLED ON SIDE OF HILL
- POB-DOAS ON 4" HOUSEKEEPING PAD. SECURE DOAS TO PAD BY BOLTING



P25

P23

13

12

11

10

9

P21

8

P22

7

P24

6

5

A

B

C

C'

D

E

F

G

H

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

MHM

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



Project Information:

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Consultant:



#	ISSUE	DATE
1	ADD 02.1	02/17/21

Issue Date:	February 1, 2021
PK:	DAVID COLLINS
PM:	JOHN THURMAN
PA:	LAUREN BUSH /
Drawn By:	M. NEWTON
Checked By:	P. MCCOWN

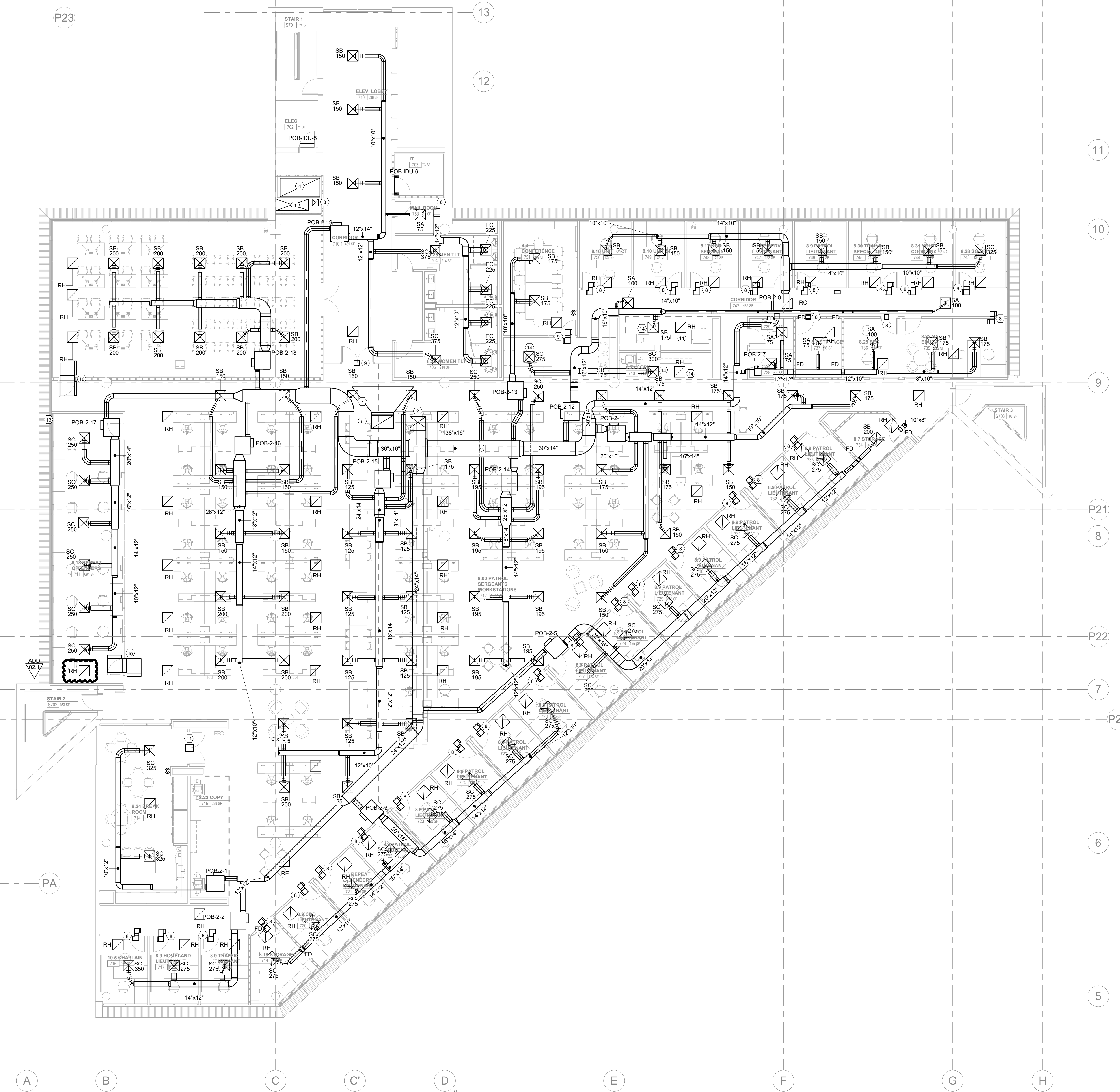
Drawing Info:

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OFFICE LEVEL 7 FLOOR PLAN - HVAC

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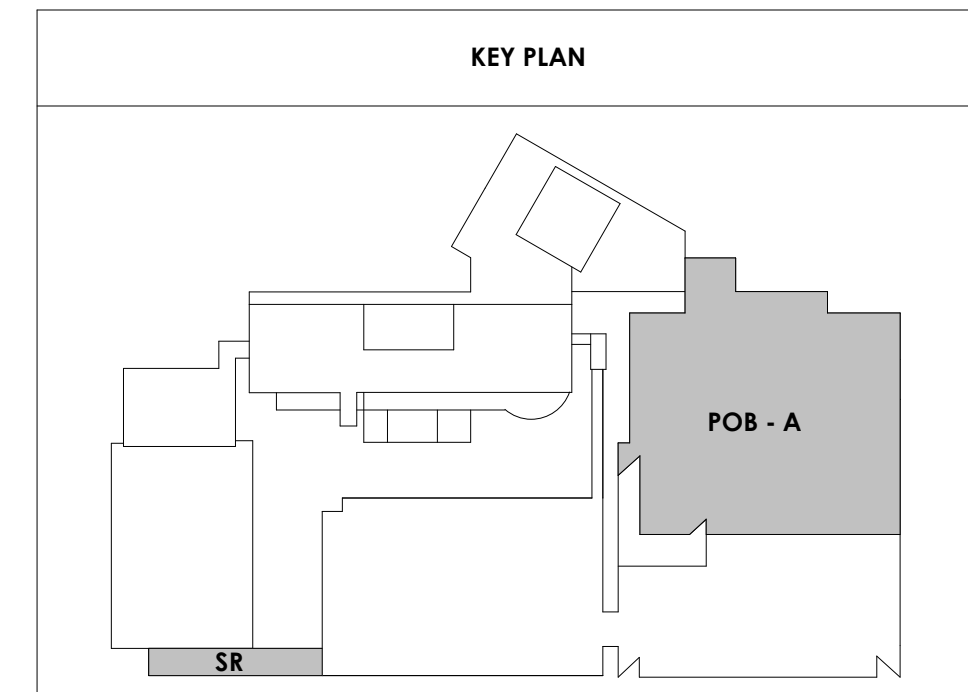
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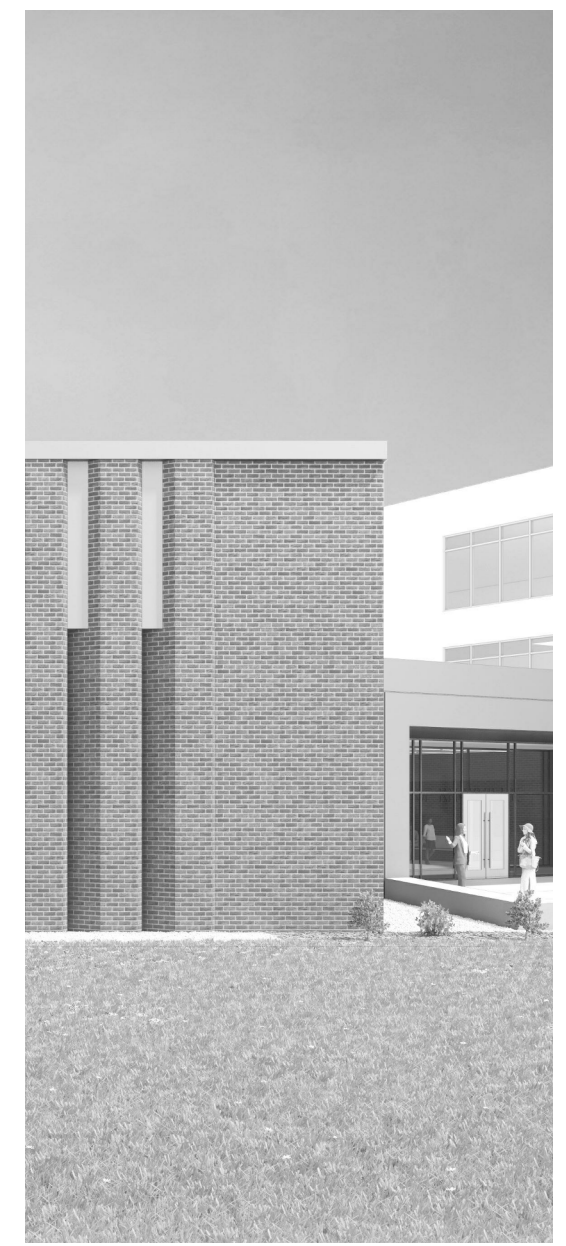


KEYNOTES:

- ① 74"x26" SUPPLY DUCT DOWN FROM FLOOR ABOVE DOWN TO LEVEL 6 BELOW. CONTRACTOR TO EXPAND EXISTING 8'-0"x4'-0" OPENING TO ALLOW FOR SUPPLY DUCT DOWN TO FLOOR BELOW
- ② 36"x26" SUPPLY DUCT DOWN FROM FLOOR ABOVE DOWN TO LEVEL 7. UTILIZE EXISTING 7'-6"x30" OPENING
- ③ 16"x14" EXHAUST DUCT UP FROM FLOOR BELOW AND UP TO LEVEL ABOVE. UTILIZE EXISTING 8'-0"x4'-0" OPENING. RETURN DOWN TO LEVEL BELOW
- ④ 90"x50" RETURN DUCT DOWN FROM LEVEL 8. UTILIZE EXISTING 8'-0"x4'-0" OPENING. RETURN DOWN TO LEVEL BELOW
- ⑤ 50"x30" RETURN DUCT DOWN, UP TO LEVEL ABOVE. UTILIZE EXISTING 7'-6"x30" OPENING
- ⑥ 14"x12" EXHAUST DUCT UP TO FLOOR ABOVE. UTILIZE EXISTING 6'-3"x2'-0" OPENING
- ⑦ EXPAND 68"x28" RETURN TO 140"x28" TRANSFER DUCT. PROVIDE 1" FIBROUS LINER FOR TRANSFER OPENING
- ⑧ 10"x8" TRANSFER DUCT WITH 1" FIBROUS LINER. PROVIDE Z-BEND AS SHOWN ON FLOOR PLAN
- ⑨ 12"x10" TRANSFER DUCT WITH 1" FIBROUS LINER. PROVIDE Z-BEND AS SHOWN ON FLOOR PLAN
- ⑩ 32"x14" TRANSFER DUCT WITH 1" FIBROUS LINER. PROVIDE Z-BEND AS SHOWN ON FLOOR PLAN
- ⑪ 16"x10" TRANSFER DUCT WITH 1" FIBROUS LINER. PROVIDE Z-BEND AS SHOWN ON FLOOR PLAN
- ⑫ NOT USED
- ⑬ NOT USED
- ⑭ DIFFUSER TO BE PAINTABLE TO MATCH ARCHITECTURAL CEILING COLOR

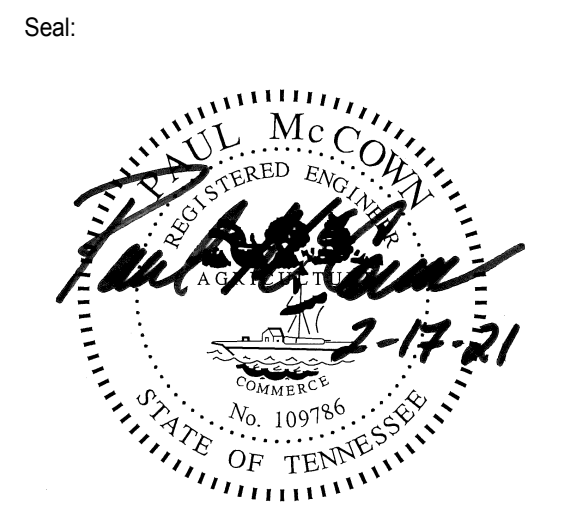
1
 M126
 1/8" = 1'-0"
 OFFICE LEVEL 7 FLOOR PLAN - HVAC





Project Information:
19018

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#	ISSUE	DATE
1	ADD 02.1	02/17/21

Issue Date: February 1, 2021
PIC: DAVID COLLINS
PM: JOHN THURMAN
PA: LAUREN BUSH /
Drawn By: M. NEWTON
Checked By: P. MCCOWN

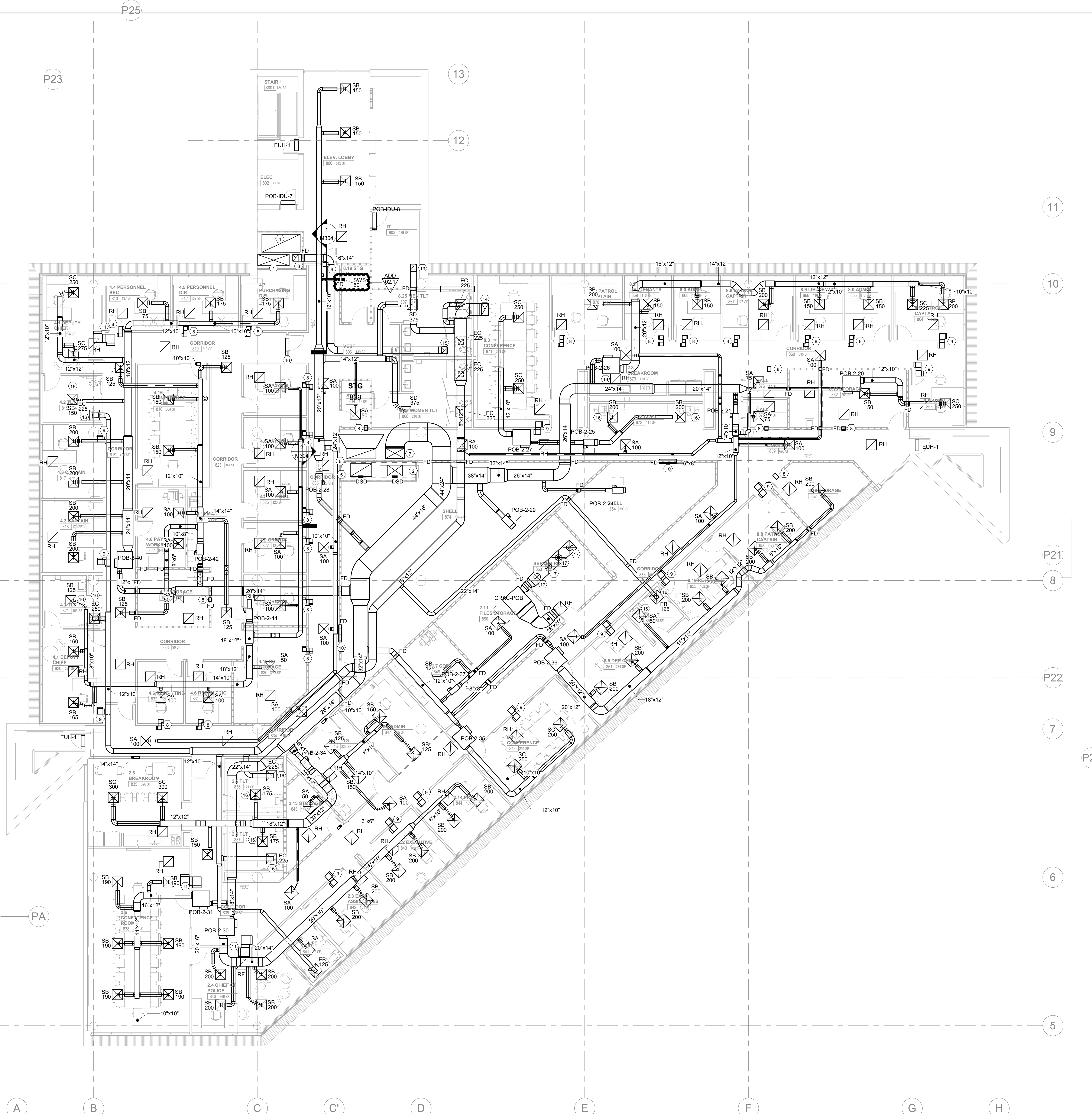
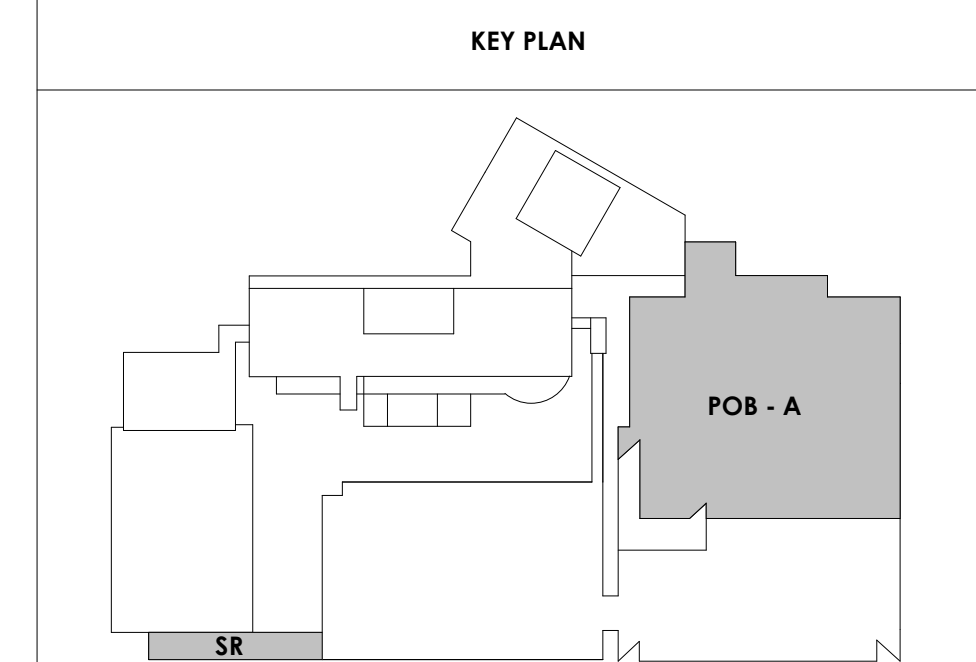
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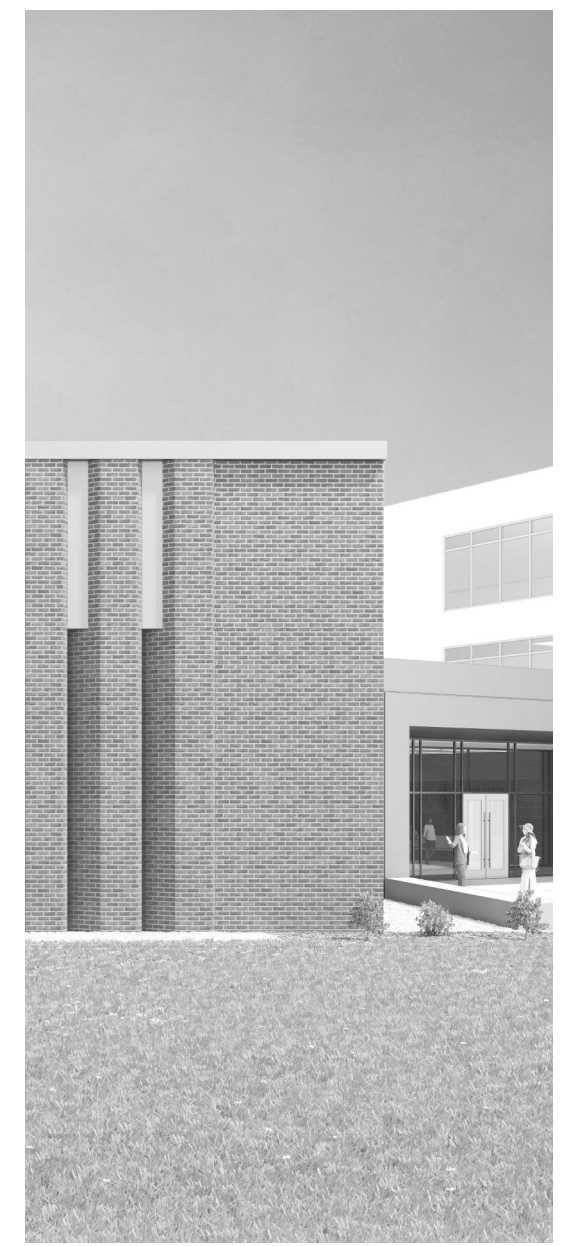
OFFICE LEVEL 8 FLOOR PLAN - HVAC

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:
- 74"x26" SUPPLY DUCT DOWN FROM FLOOR ABOVE DOWN TO LEVEL 6 BELOW. CONTRACTOR TO EXPAND EXISTING 8'-0"x4'-0" OPENING TO ALLOW FOR SUPPLY DUCT DOWN TO FLOOR BELOW. PROVIDE FIRE DAMPER AT SLAB PENETRATION
 - 36"x26" SUPPLY DUCT DOWN FROM FLOOR ABOVE DOWN TO LEVEL 7. UTILIZE EXISTING 7'-6"x30" OPENING. PROVIDE FIRE DAMPER AT SLAB PENETRATION
 - 16"x14" EXHAUST DUCT UP FROM FLOOR BELOW AND UP TO LEVEL ABOVE. UTILIZE EXISTING 8'-0"x4'-0" OPENING. RETURN DOWN TO LEVEL BELOW. PROVIDE FIRE DAMPER AT SLAB PENETRATION
 - 90"x50" RETURN DUCT DOWN FROM LEVEL 8. UTILIZE EXISTING 8'-0"x4'-0" OPENING. RETURN DOWN TO LEVEL BELOW. PROVIDE FIRE DAMPER AT SLAB PENETRATION
 - 50"x30" RETURN DUCT DOWN. UP TO LEVEL ABOVE. UTILIZE EXISTING 7'-6"x30" OPENING TO ALLOW FOR BOTH RETURN AND SUPPLY PENETRATIONS. PROVIDE FIRE DAMPER AT SLAB PENETRATION
 - 70"x24" RETURN DUCT DOWN FROM PENTHOUSE IN EXISTING 9'-6"x30" OPENING. TRANSITION TO 10"x24" AFTER 90° ELBOW AND PROVIDE 1" FIBROUS LINER AND ACOUSTICAL BARRIER WRAP PER DETAIL. PROVIDE FIRE DAMPER AT SLAB PENETRATION
 - 44"x24" SUPPLY DUCT DOWN FROM PENTHOUSE IN EXISTING 9'-6"x30" OPENING. PROVIDE ACOUSTICAL BARRIER WRAP PER DETAIL. PROVIDE FIRE DAMPER AT SLAB PENETRATION
 - 8"x8" TRANSFER DUCT WITH 1" FIBROUS LINER.
 - 12"x10" TRANSFER DUCT WITH 1" FIBROUS LINER. PROVIDE Z-BEND AS SHOWN ON FLOOR PLANS
 - 40"x14" TRANSFER DUCT WITH 1" FIBROUS LINER. PROVIDE Z-BEND AS SHOWN ON FLOOR PLANS
 - 20"x10" TRANSFER DUCT WITH 1" FIBROUS LINER. PROVIDE Z-BEND AS SHOWN ON FLOOR PLANS
 - NOT USED
 - 14"x12" DUCT UP FROM LEVEL 7
 - 22"x20" EXHAUST DUCT UP TO EF-2 ON ROOF ABOVE
 - 16"x14" EXHAUST DUCT UP TO EF-1 ON ROOF ABOVE
 - DIFFUSER TO BE PAINTABLE TO MATCH ARCHITECTURAL CEILING COLOR
 - 16"Ø DUCT DOWN TO CEILING. PROVIDE HARD WIRE CLOTH OVER OPENING. BALANCE MVD TO 700 CFM



OFFICE LEVEL 8 FLOOR PLAN - HVAC
1/8" = 1'-0"



Project Information:

19018

COK SAFETY BUILDING

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Seal:



Consultant:



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#	ISSUE	DATE
1	ADD 02.1	02/17/21

Issue Date:	February 1, 2021
PI:	DAVID COLLINS
PM:	JOHN THURMAN
PA:	LAUREN BUSH /
Drawn By:	M. NEWTON
Checked By:	P. MCCOWN

Drawing Info:

M224

OFFICE LEVEL 5
FLOOR PLAN - PIPING

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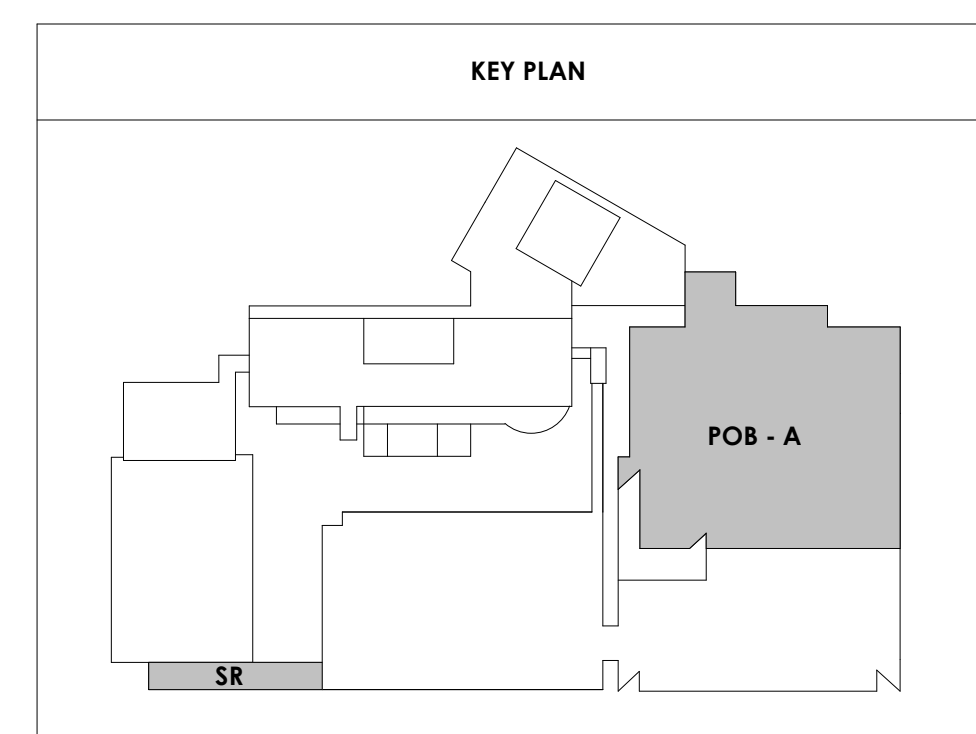
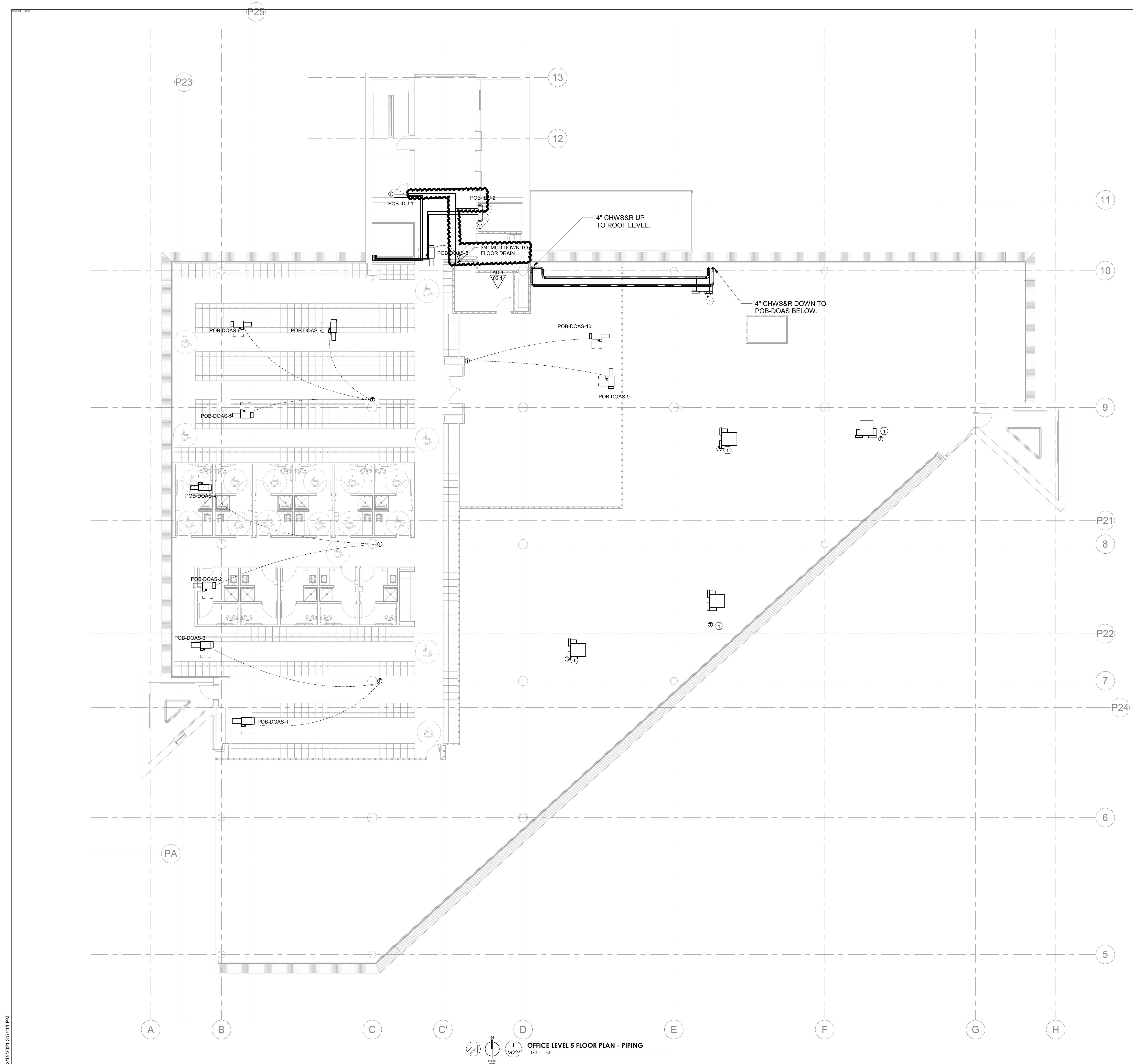
WALL LEGEND	
	2 HR PARTITION (ASSEMBLY VARIES)
	1 HR PARTITION (ASSEMBLY VARIES)
	BALLISTIC LEVEL 3 PARTITION (ASSEMBLY VARIES)
	NEW PARTITION (ASSEMBLY VARIES)
	EXISTING PARTITION
	EXISTING PARTITION TO BE DEMOLISHED

GENERAL NOTES:

REFRIGERANT PIPING SHOWN FOR INTENT.
ROUTE WITHIN CONCEALED SPACES AND
ROUTE LINES CLOSELY TOGETHER

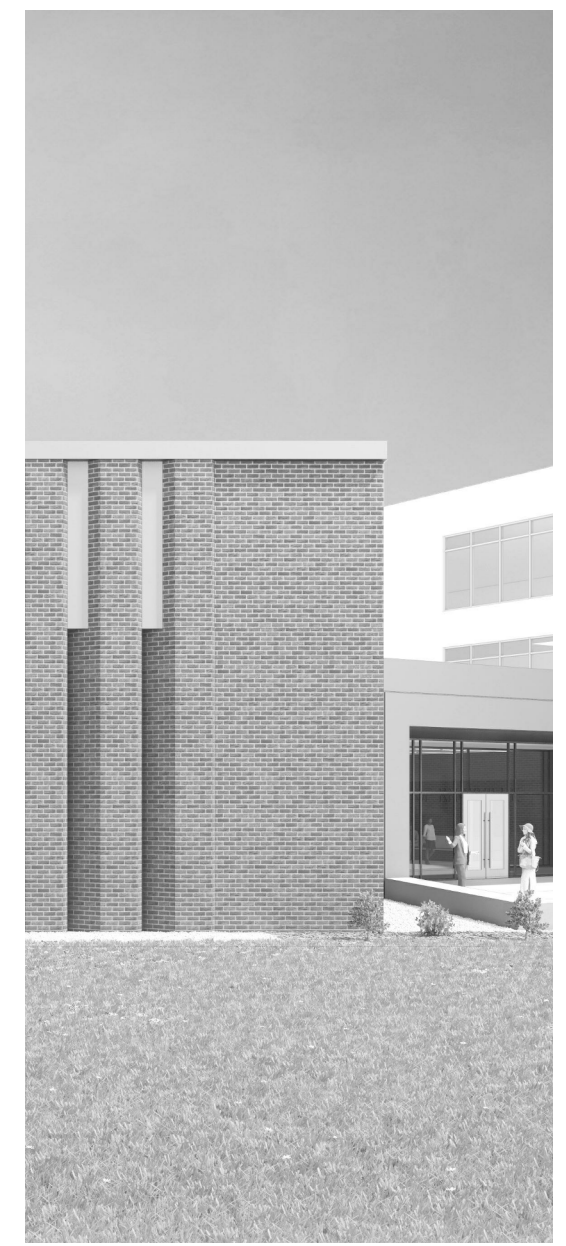
KEYNOTES:

- ① COIL CONTROL WIRE WITH THERMOSTAT.
SUSPEND FROM VAV BOX FOR FUTURE USE



2/15/2021 3:57:11 PM

OFFICE LEVEL 5 FLOOR PLAN - PIPING
1/8" = 1'-0"
M224



Project Information:
19018

COK SAFETY BUILDING

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#	ISSUE	DATE
1	ADD 02.1	02/17/21

Issue Date: February 1, 2021
PIC: DAVID COLLINS
PM: JOHN THURMAN
PA: LAUREN BUSH /
Drawn By: M. NEWTON
Checked By: P. MCCOWN

Drawing Info:

M225

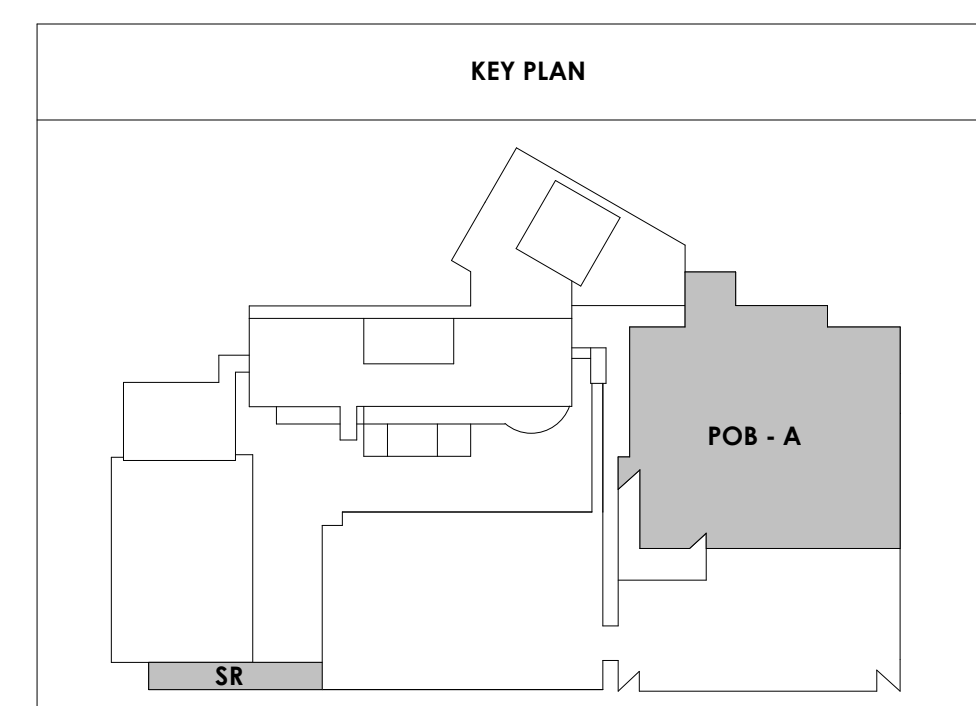
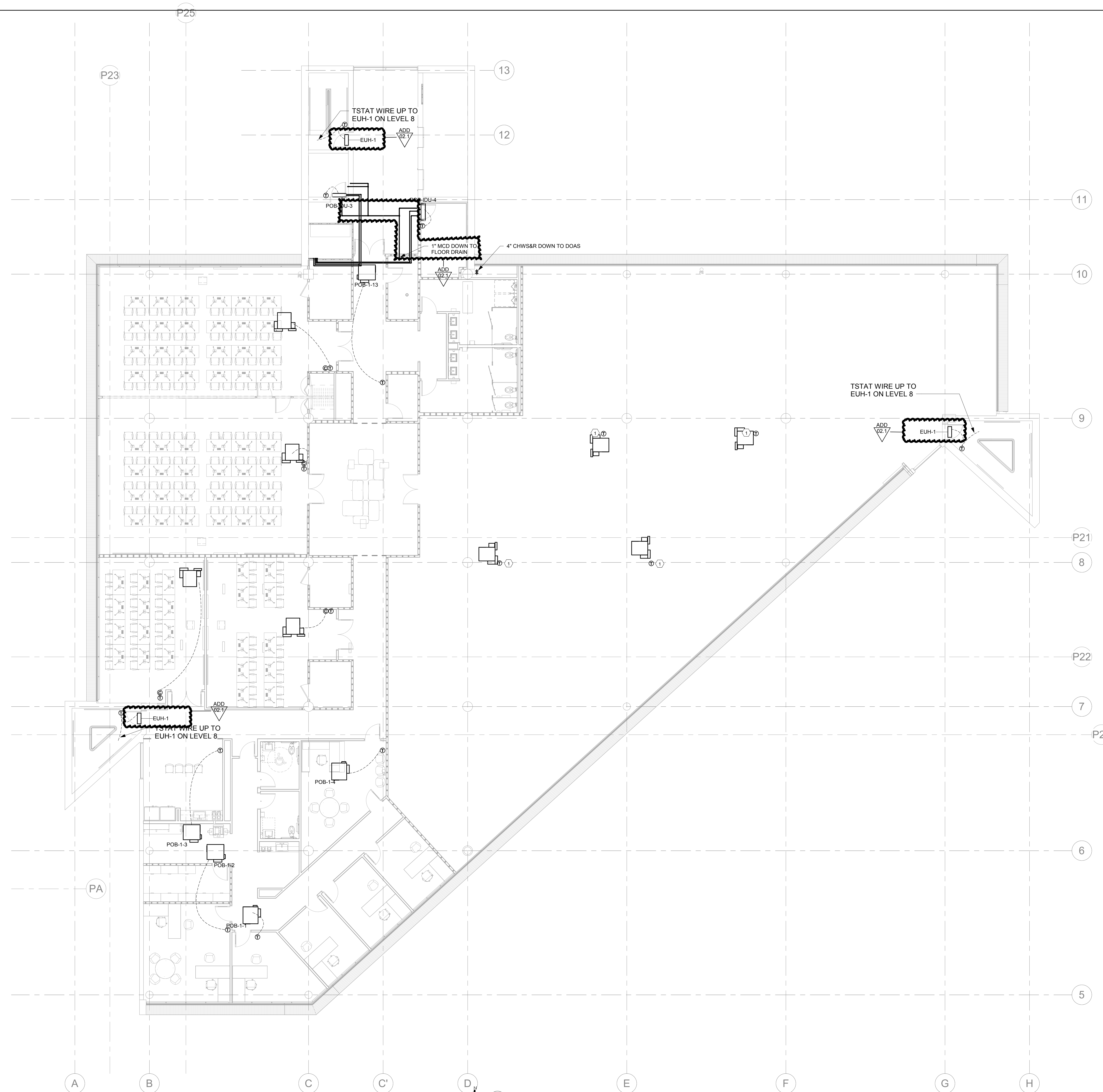
OFFICE LEVEL 6
FLOOR PLAN - PIPING

WALL LEGEND

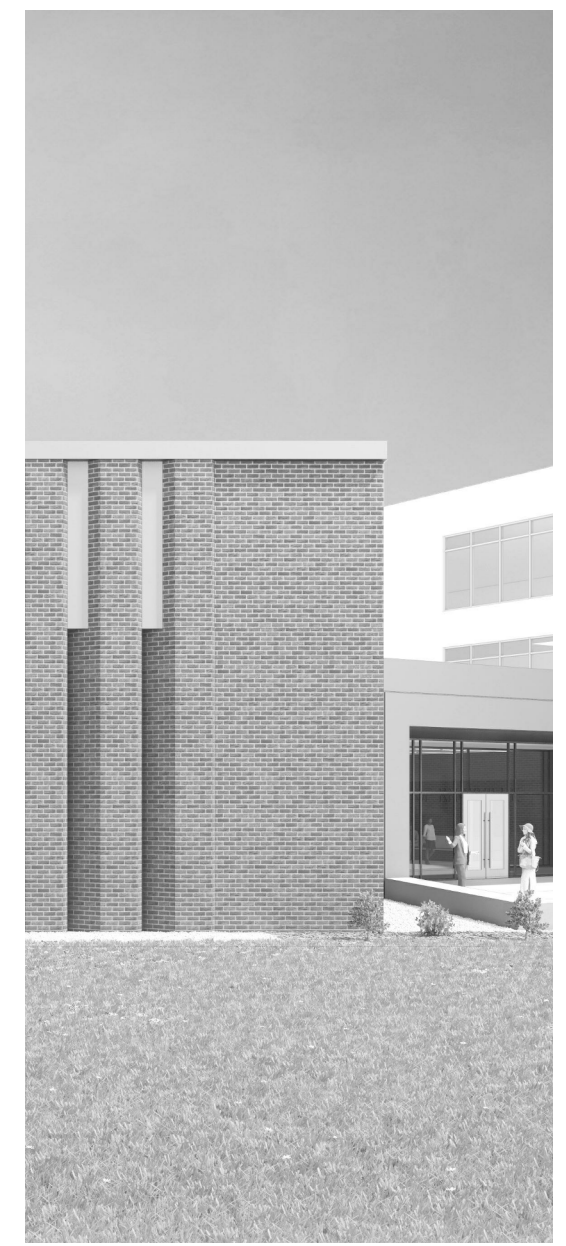
	2 HR PARTITION (ASSEMBLY VARIES)
	1 HR PARTITION (ASSEMBLY VARIES)
	BALLISTIC LEVEL 3 PARTITION (ASSEMBLY VARIES)
	NEW PARTITION (ASSEMBLY VARIES)
	EXISTING PARTITION
	EXISTING PARTITION TO BE DEMOLISHED

GENERAL NOTES:
REFRIGERANT PIPING SHOWN FOR INTENT. ROUTE WITHIN CONCEALED SPACES AND ROUTE LINES CLOSELY TOGETHER

KEYNOTES:
① COIL CONTROL WIRE WITH THERMOSTAT SUSPEND FROM VAV BOX FOR FUTURE USE



POB Office Level 6 - Floor Plan
1/8" = 1'-0"



Project Information:

19018

COK SAFETY BUILDING

900 East Oak Hill Ave, Knoxville, TN

Seal:



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Issue Date:	February 1, 2021
PI:	DAVID COLLINS
PM:	JOHN THURMAN
PA:	LAUREN BUSH /
Drawn By:	M. NEWTON
Checked By:	P. MCCOWN

Drawing Info:

M227

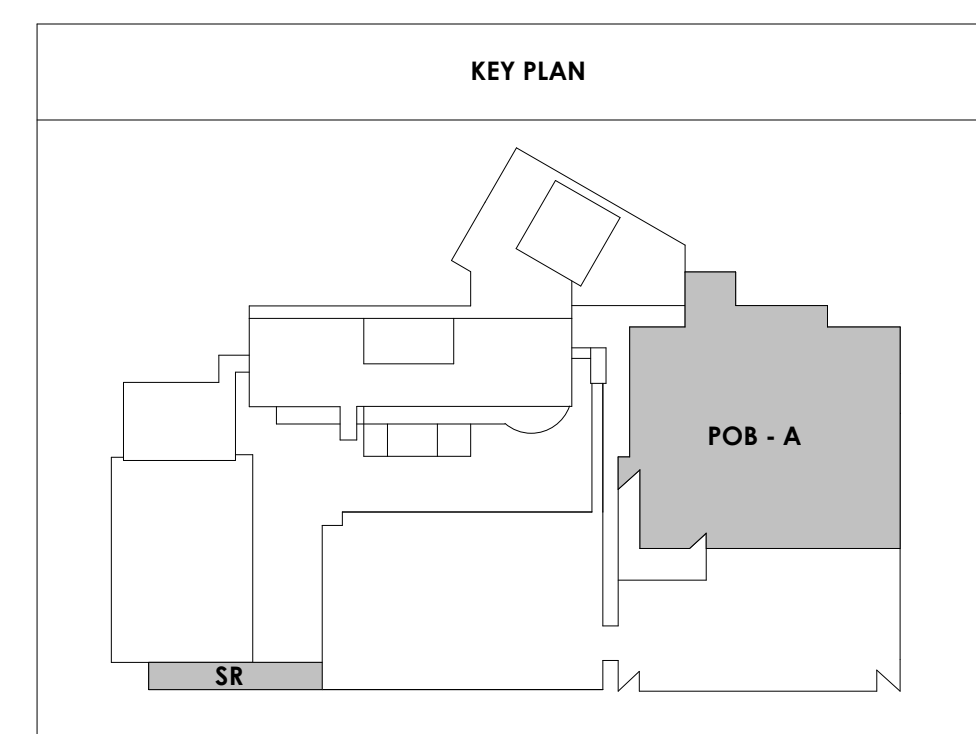
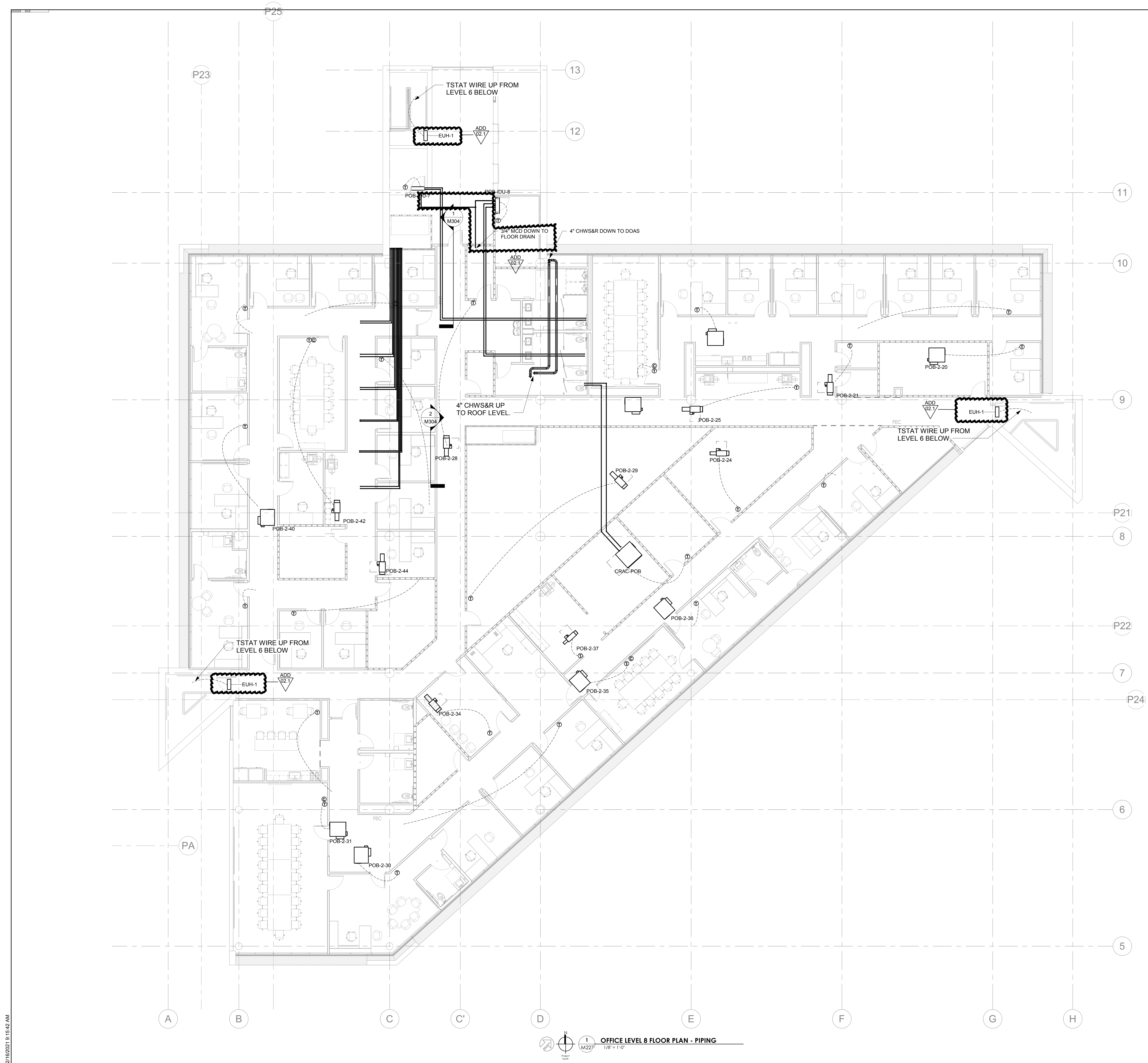
OFFICE LEVEL 8
FLOOR PLAN - PIPING

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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

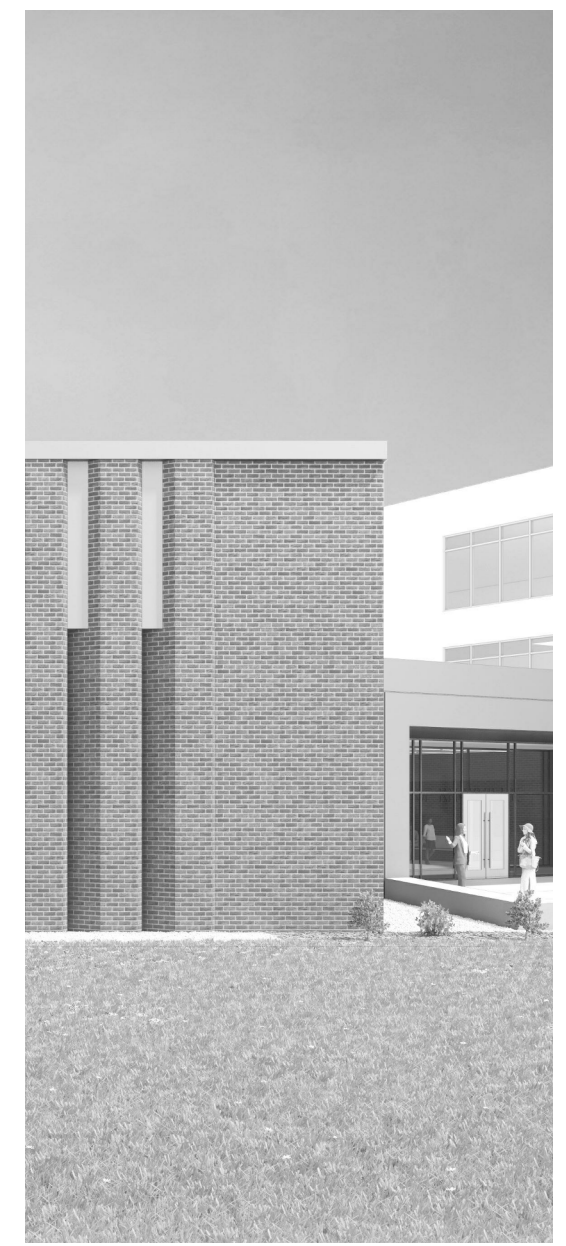
GENERAL NOTES:

REFRIGERANT PIPING SHOWN FOR INTENT.
ROUTE WITHIN CONCEALED SPACES AND
ROUTE LINES CLOSELY TOGETHER



2/16/2021 9:15:42 AM

OFFICE LEVEL 8 FLOOR PLAN - PIPING
1/8" = 1'-0"



Project Information:

19018

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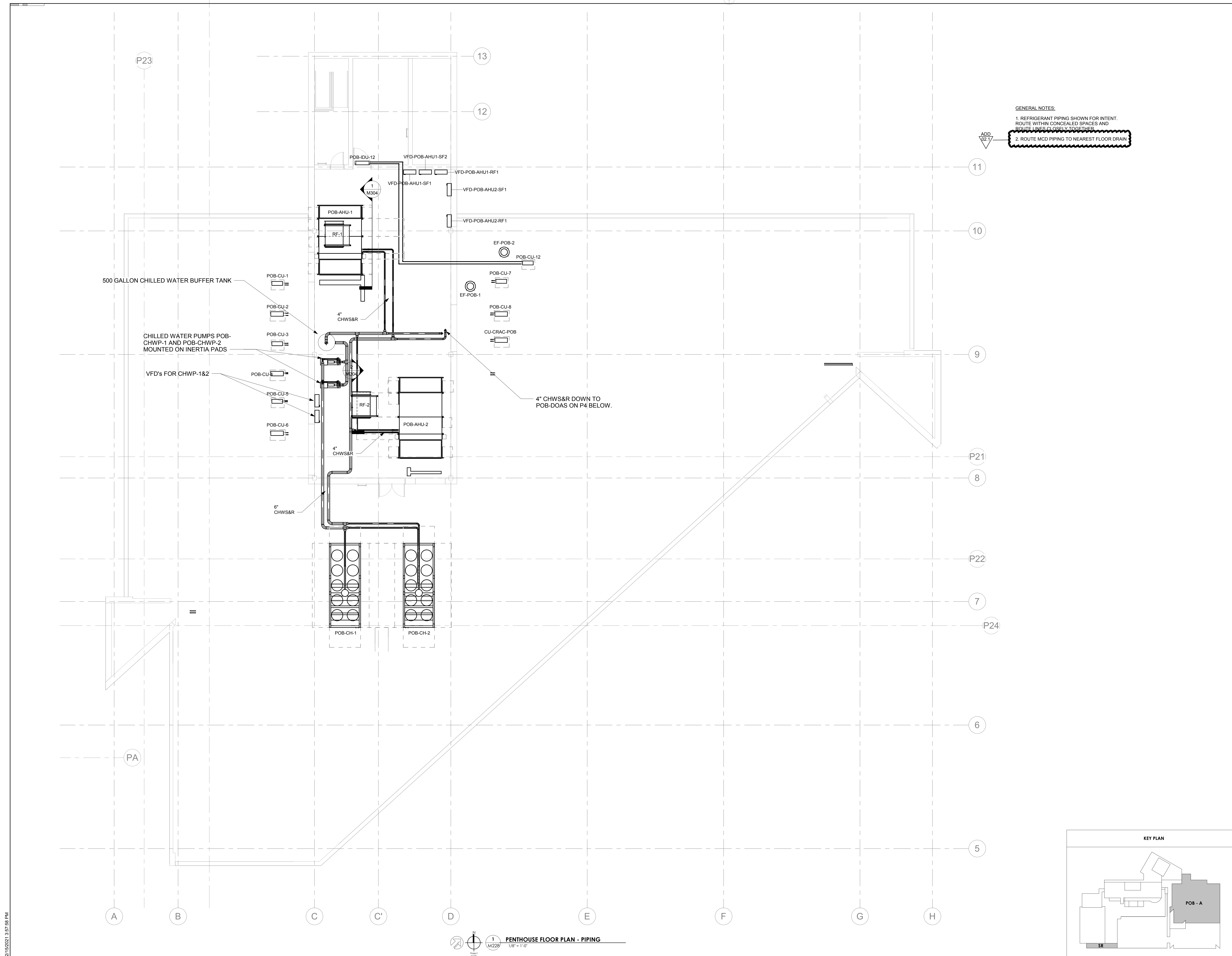
Issue Date:	February 1, 2021
PI:	DAVID COLLINS
PM:	JOHN THURMAN
PA:	LAUREN BUSH /
Drawn By:	M. NEWTON
Checked By:	P. MCCOWN

Drawing Info:

M228

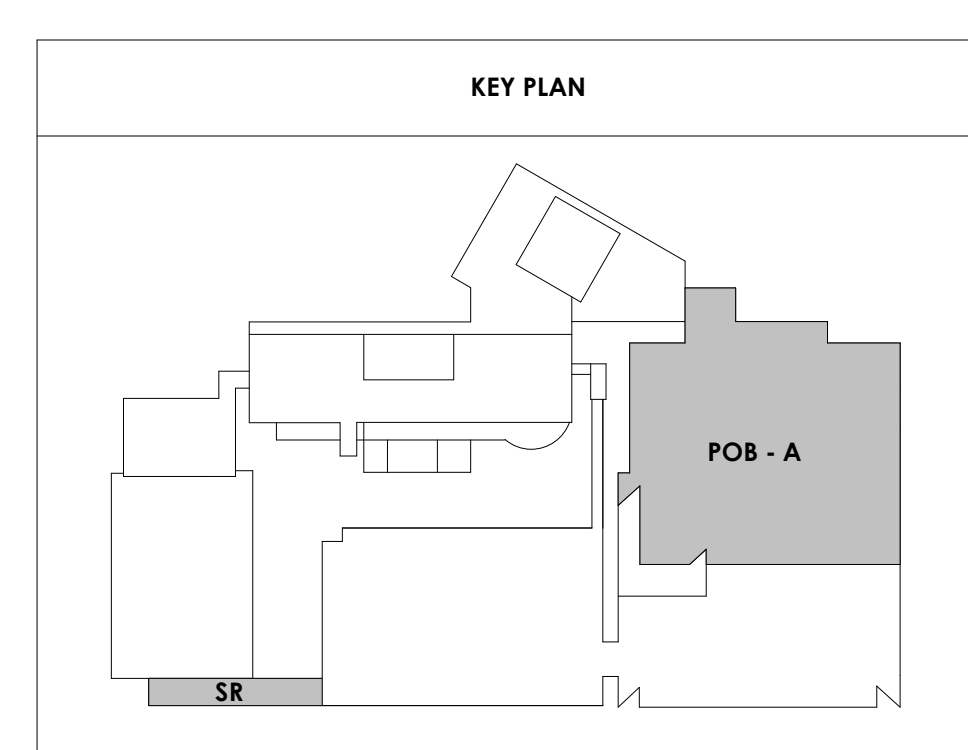
PENTHOUSE - PIPING

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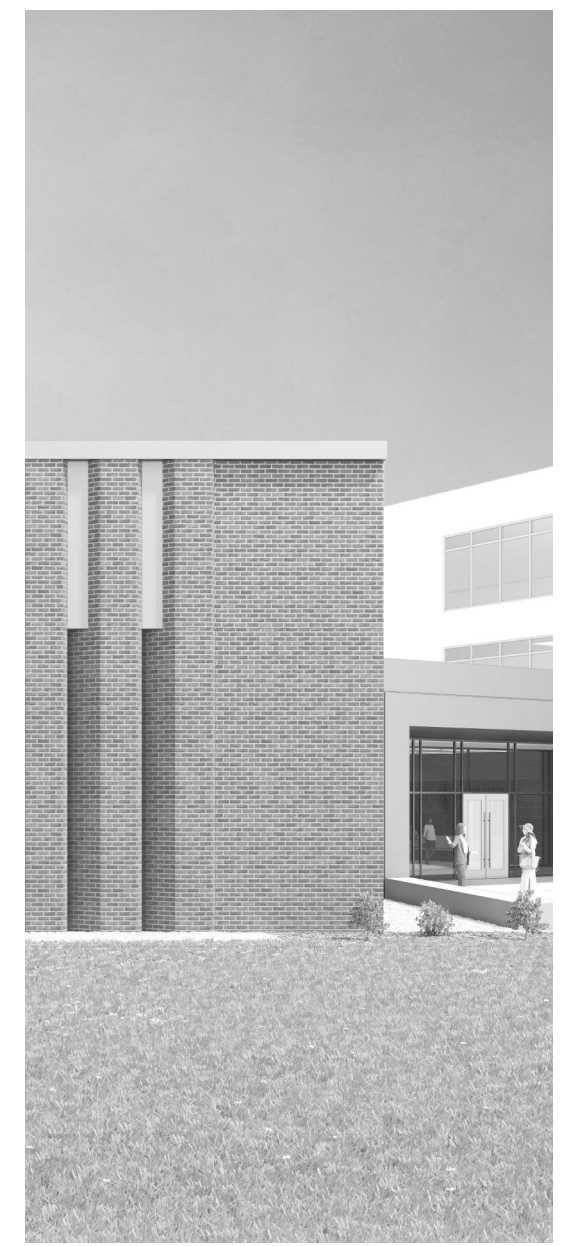
GENERAL NOTES:
1. REFRIGERANT PIPING SHOWN FOR INTENT. ROUTE WITHIN CONCEALED SPACES AND ROUTE LINES CLOSELY TOGETHER.
2. ROUTE MCD PIPING TO NEAREST FLOOR DRAIN.

ADD 02.1



1 M228 1/8" = 1'-0"
PENTHOUSE FLOOR PLAN - PIPING

2/15/2021 3:57:58 PM



Project Information:

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#	ISSUE	DATE
ADD 02.1		02/17/21

Issue Date: FEBRUARY 1, 2021
PIC: DAVID COLLINS
PM: JOHN THURMAN
PA: LAUREN BUSH /
Drawn By: P. SUITE
Checked By: P. MCCOWN

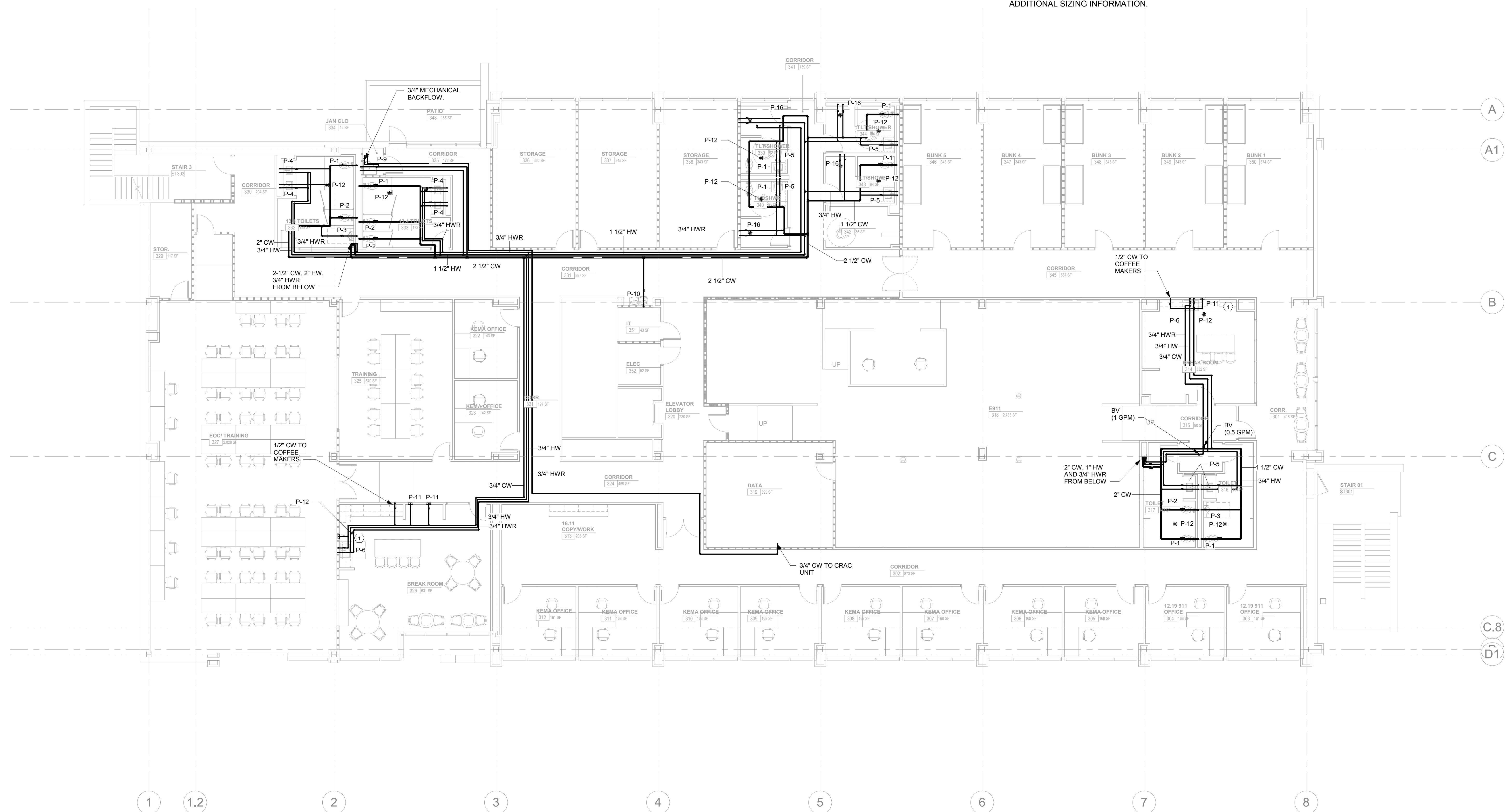
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P103

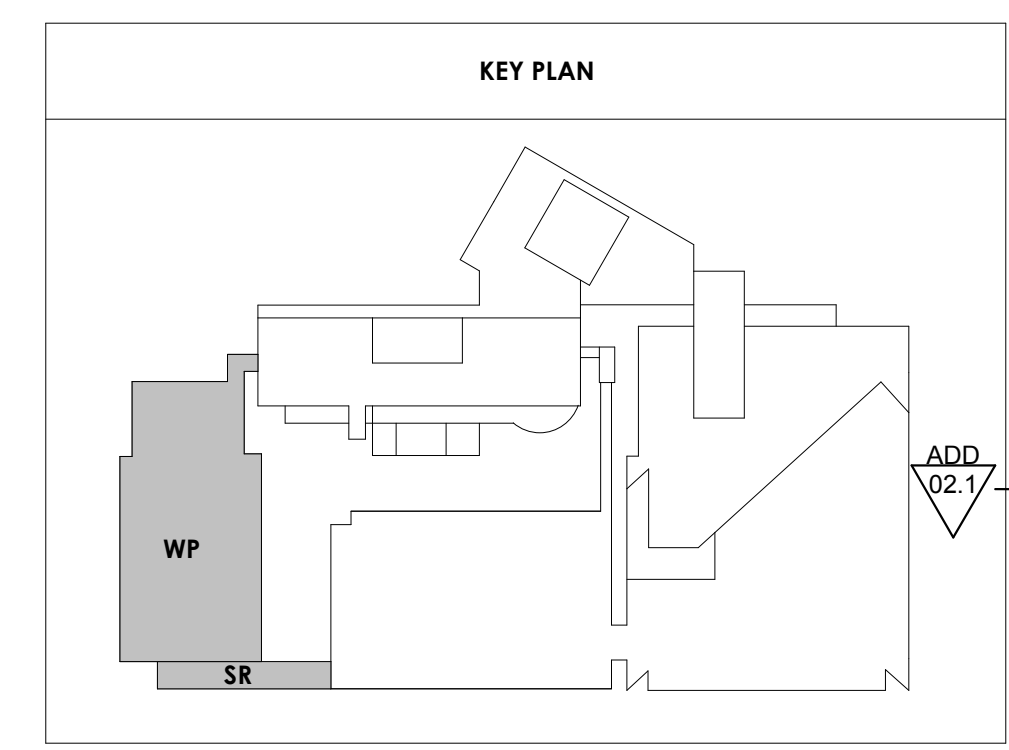
WP - THIRD LEVEL
FLOOR PLAN -
PLUMBING

NOTE:
REFER TO RISER DIAGRAMS FOR
ADDITIONAL SIZING INFORMATION.

KEYNOTES: ○
1. ROUTE 1/2" HW TO DISHWASHER



1 ALTERNATE 1B - WOMEN'S PAVILION LEVEL 3 - FLOOR PLAN - PLUMBING
P103 1/8" = 1'-0"

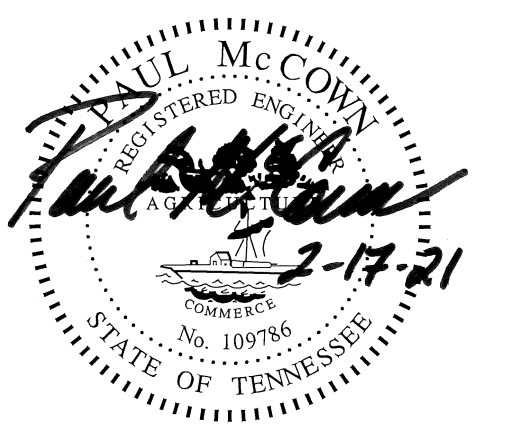




Project Information:
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Consultant:



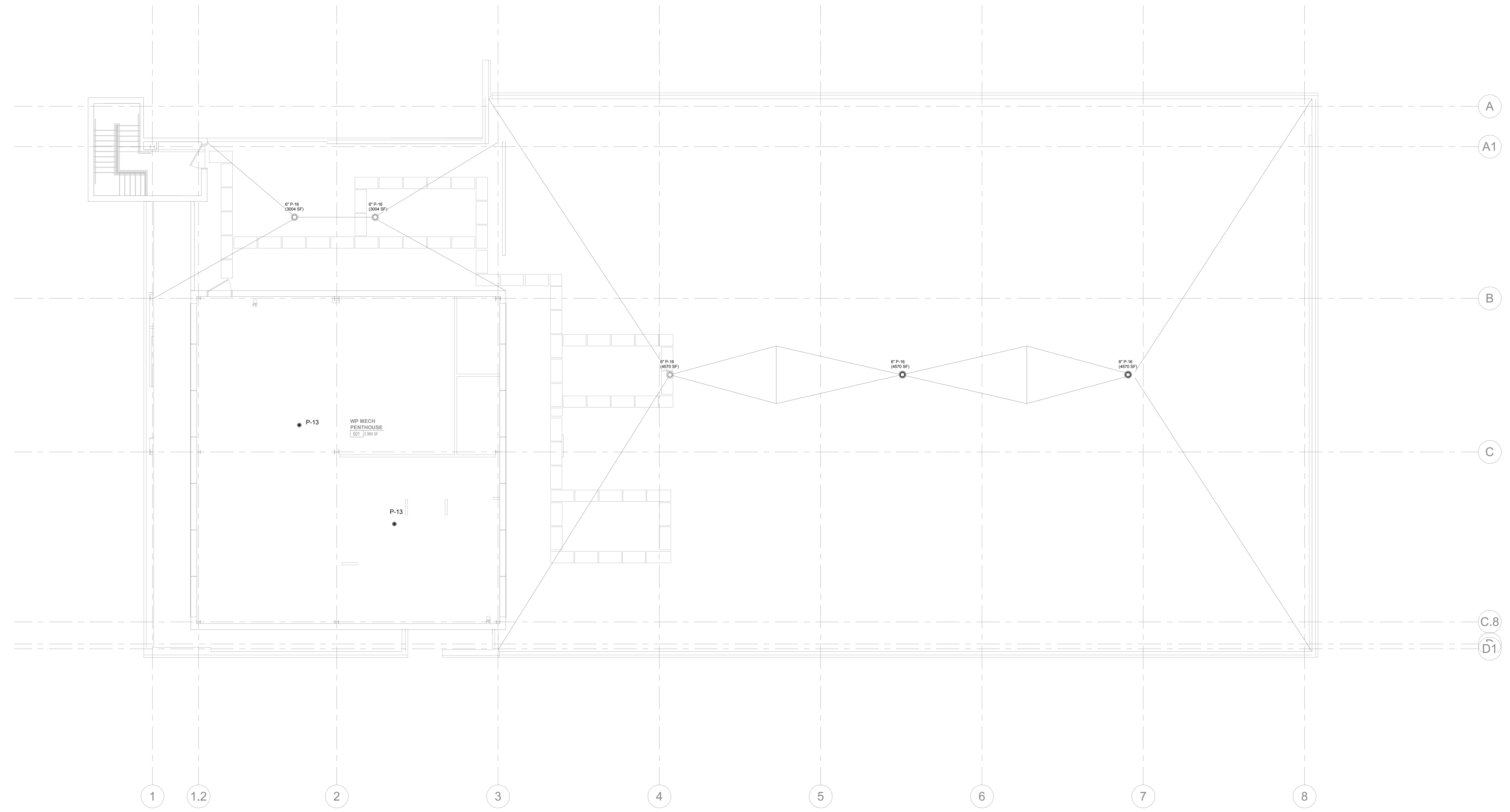
I.C. THOMASSON ASSOCIATES, INC.
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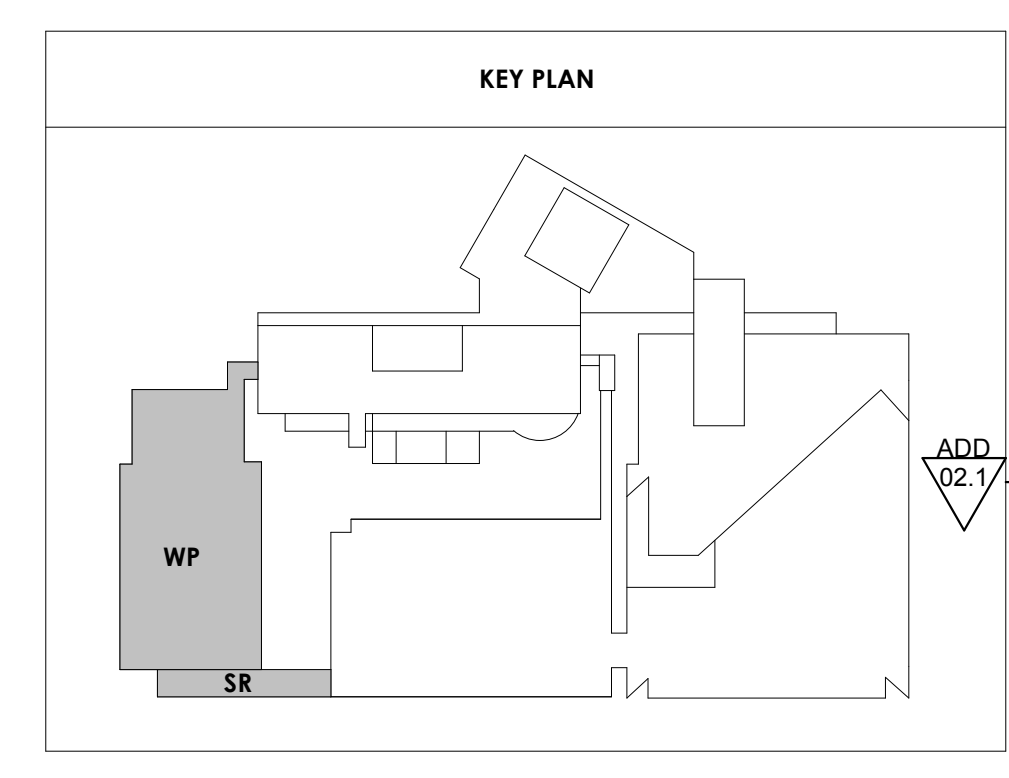
Issue Date: FEBRUARY 1, 2021
 PIC: DAVID COLLINS
 PM: JOHN THURMAN
 PA: LAUREN BUSH /
 Drawn By: P. SUITE
 Checked By: P. MCCOWN

Drawing Info:

P104
 WP - PENTHOUSE LEVEL FLOOR PLAN - PLUMBING



1 ALTERNATE 1B - WOMEN'S PAVILION PENTHOUSE LEVEL - FLOOR PLAN - PLUMBING
 P104 1/8" = 1'-0"





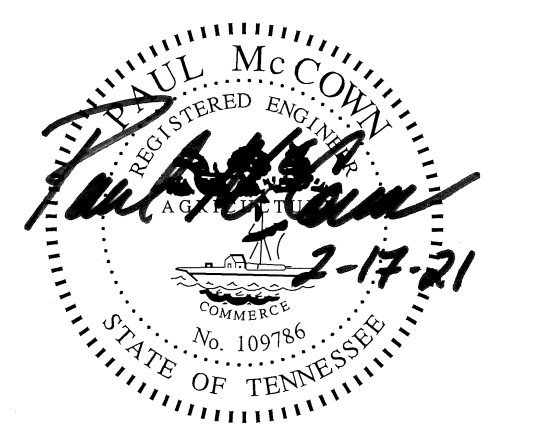
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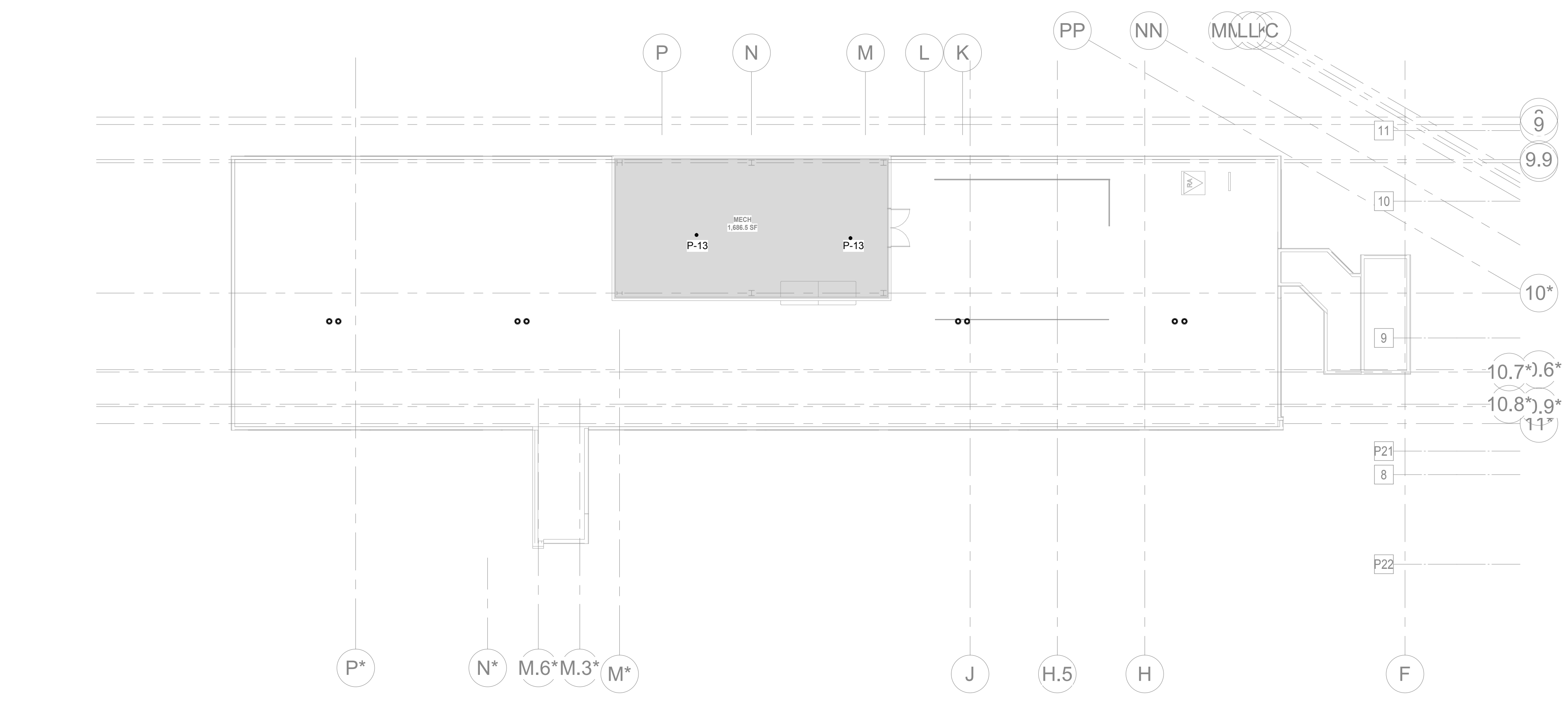
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PM	JOHN THURMAN
PA	LAUREN BUSH /
Drawn By:	P. SUITE
Checked By:	P. MCCOWN

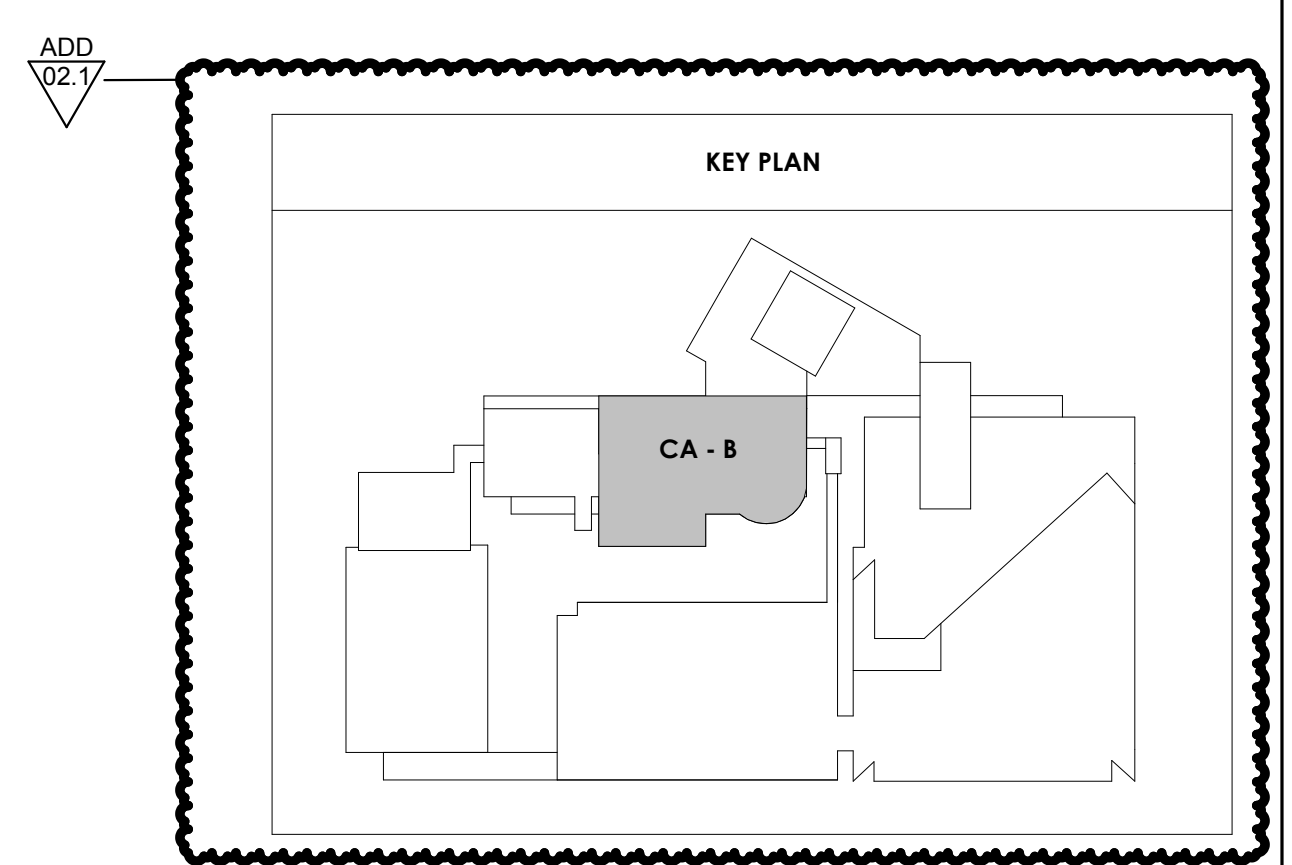
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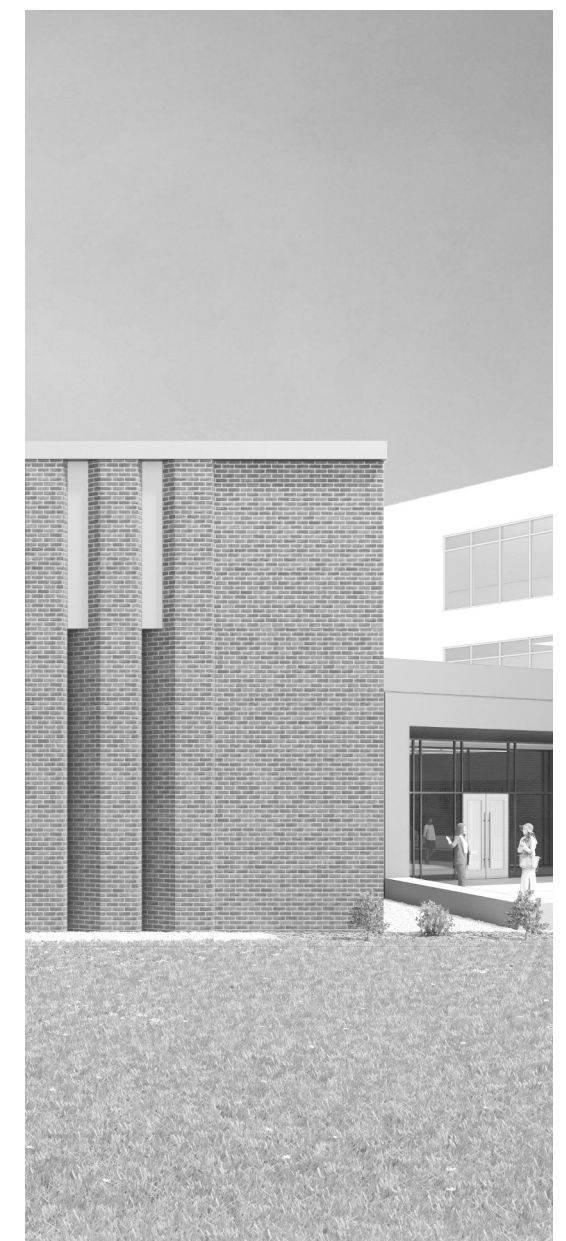
P114

CA - OVERALL
 PENTHOUSE LEVEL
 FLOOR PLAN -
 PLUMBING



CENTRAL ANNEX - PENTHOUSE OVERALL FLOOR PLAN - PLUMBING
 1/16" = 1'-0"
 P114

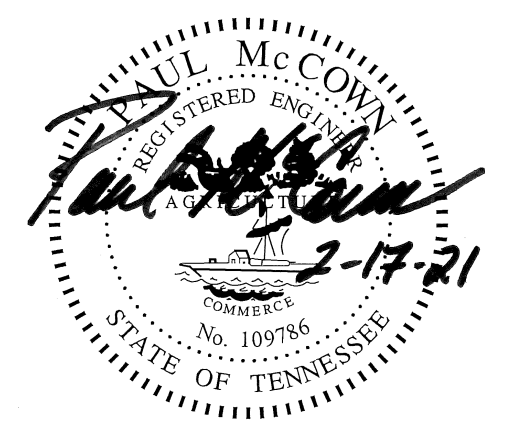




Project Information:
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900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:



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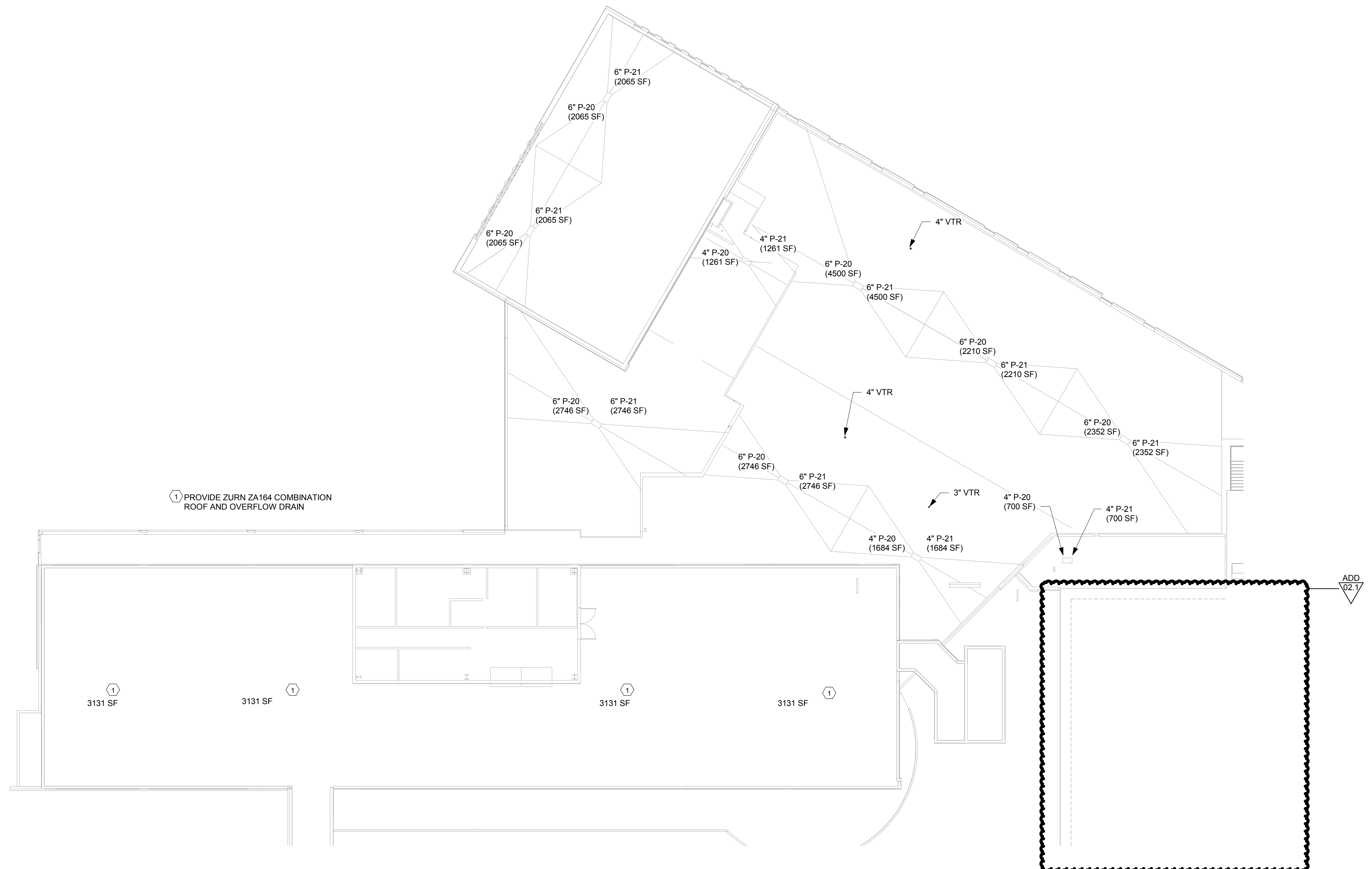
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Issue Date: FEBRUARY 1, 2021
PIC: DAVID COLLINS
PM: JOHN THURMAN
PA: LAUREN BUSH /
Drawn By: P. SUITE
Checked By: P. MCCOWN

Drawing Info:

P151

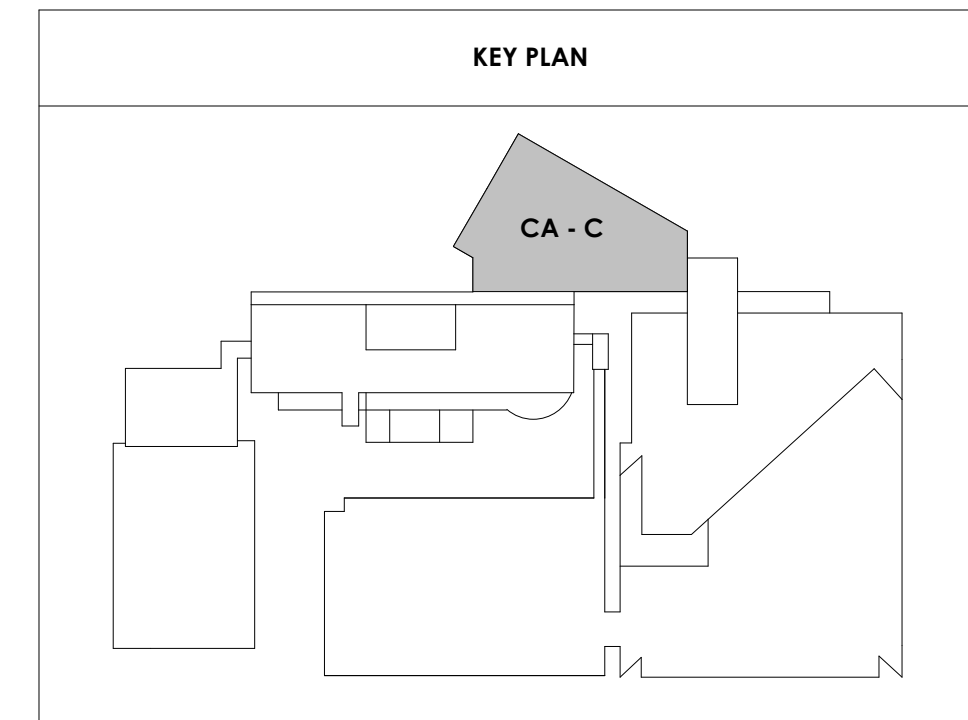
CA - OVERALL ROOF PLAN - PLUMBING

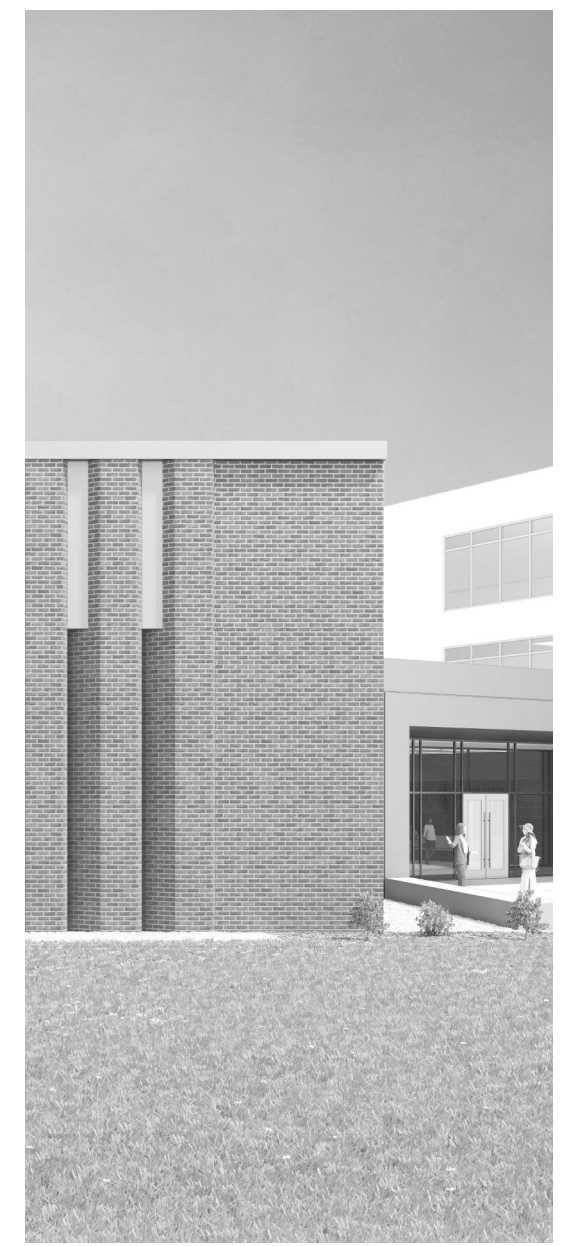


1 PROVIDE ZURN ZA164 COMBINATION ROOF AND OVERFLOW DRAIN

ADD 02.1

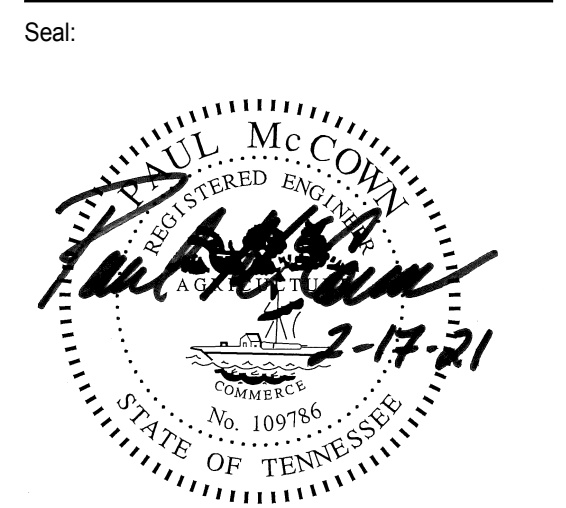
CENTRAL ANNEX - ROOF FLOOR PLAN - PLUMBING
1/16" = 1'-0"





Project Information:
19018

COK SAFETY BUILDING
900 East Oak Hill Ave, Knoxville, TN



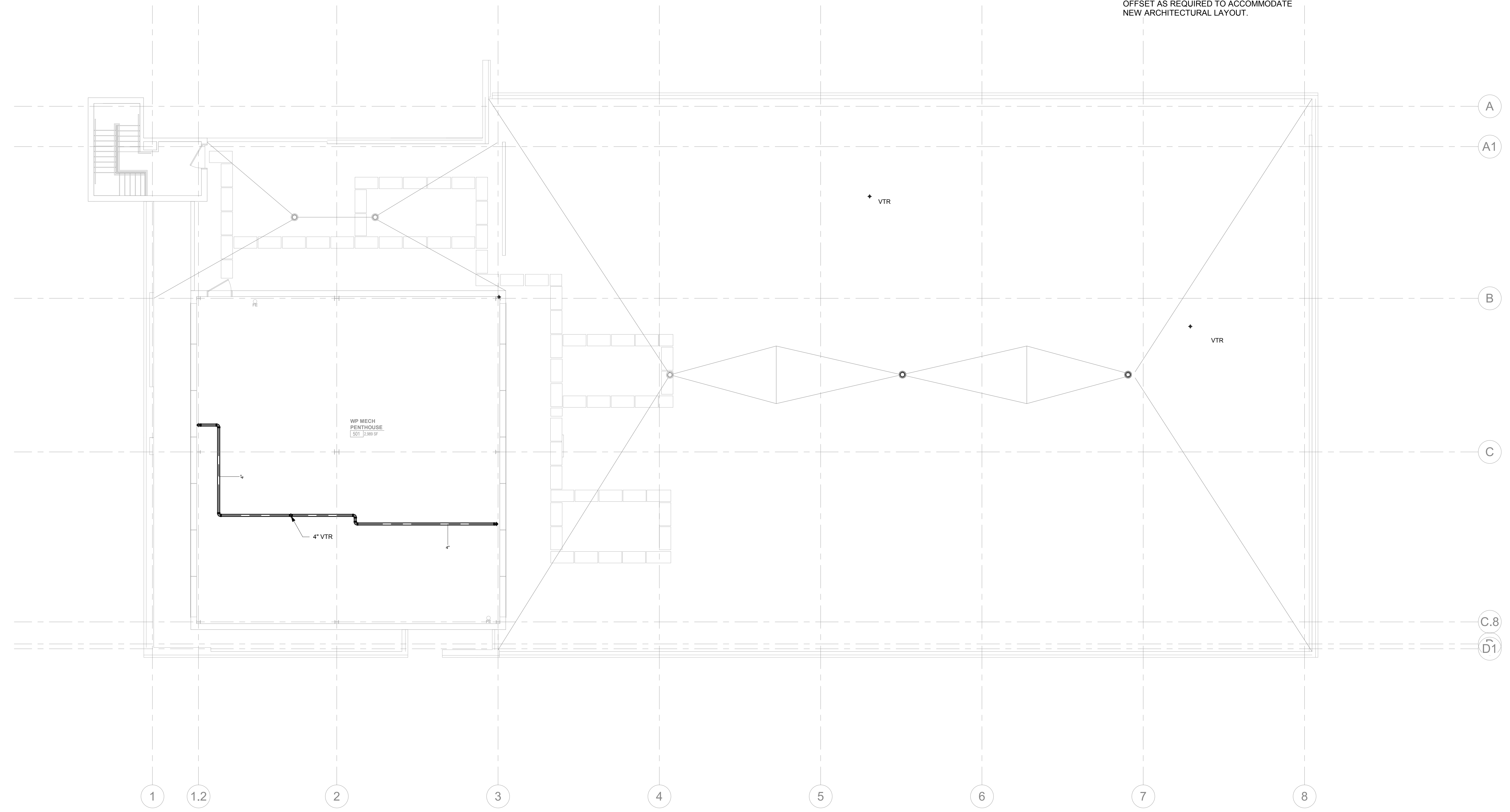
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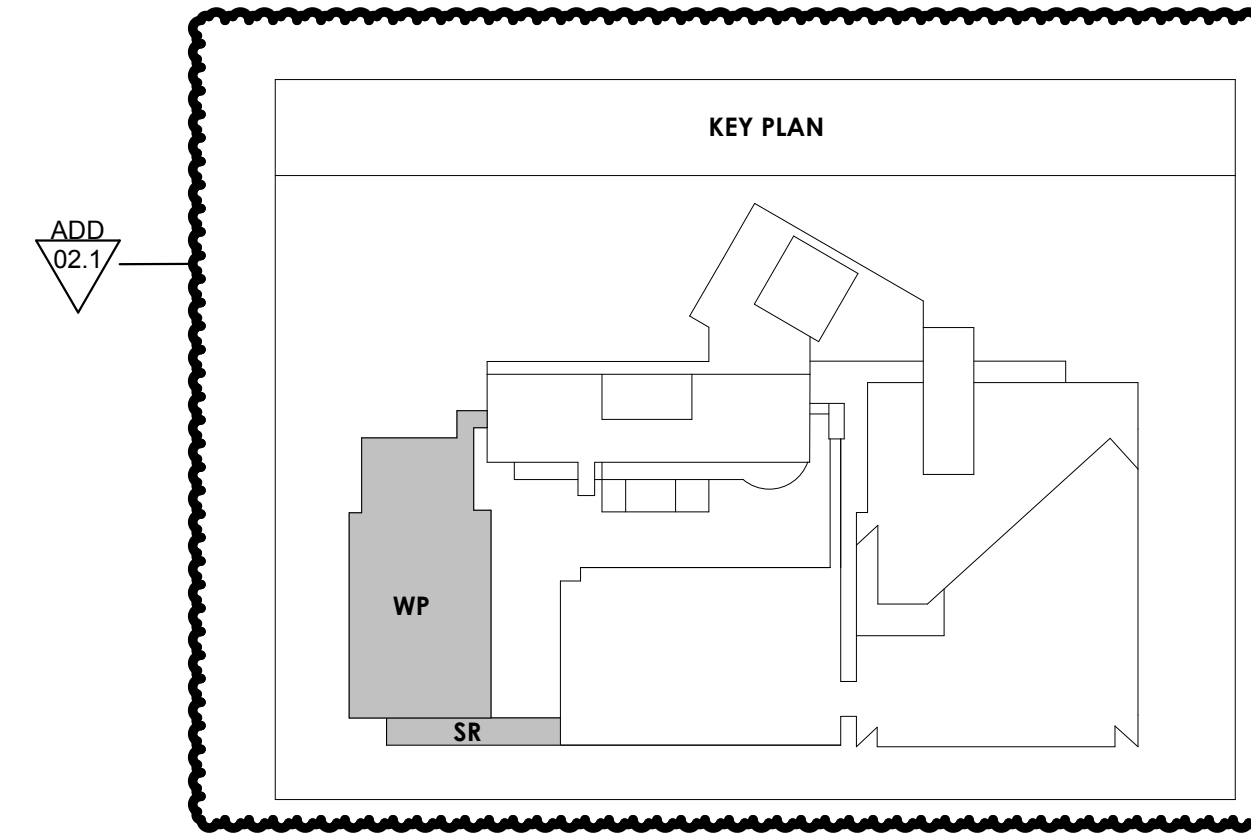
Issue Date: FEBRUARY 1, 2021
PIC: DAVID COLLINS
PM: JOHN THURMAN
PA: LAUREN BUSH /
Drawn By: P. SUITE
Checked By: P. MCCOWN

Drawing Info:
P204
WP - PENTHOUSE LEVEL FLOOR PLAN - SANITARY

NOTE:
EXISTING RAINWATER RISERS TO REMAIN OFFSET AS REQUIRED TO ACCOMMODATE NEW ARCHITECTURAL LAYOUT.



1 ALTERNATE 1B - WOMEN'S PAVILION PENTHOUSE LEVEL - FLOOR PLAN - SANITARY
P204 1/8" = 1'-0"





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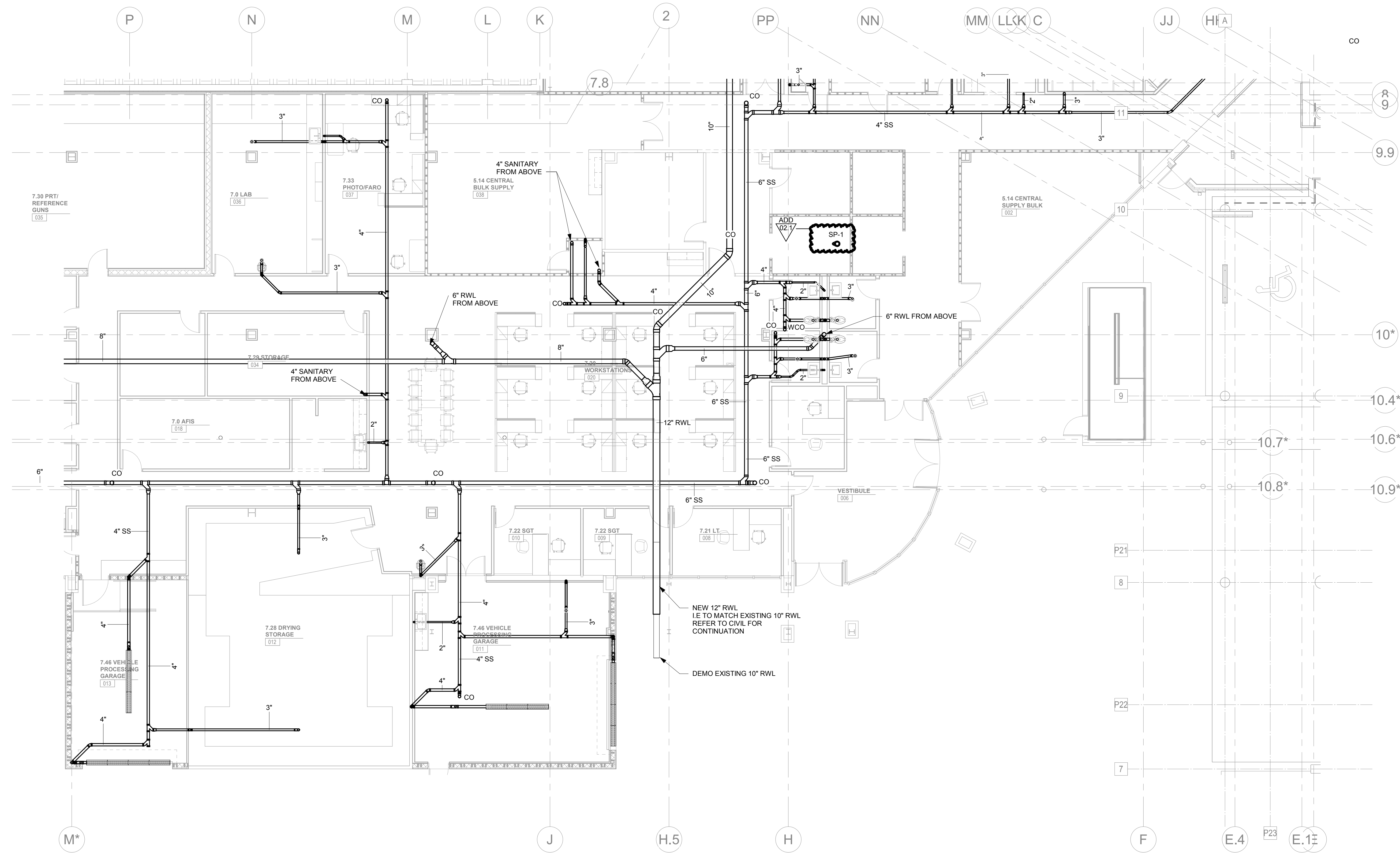
Drawn By: P. SUITE

Checked By: P. MCCOWN

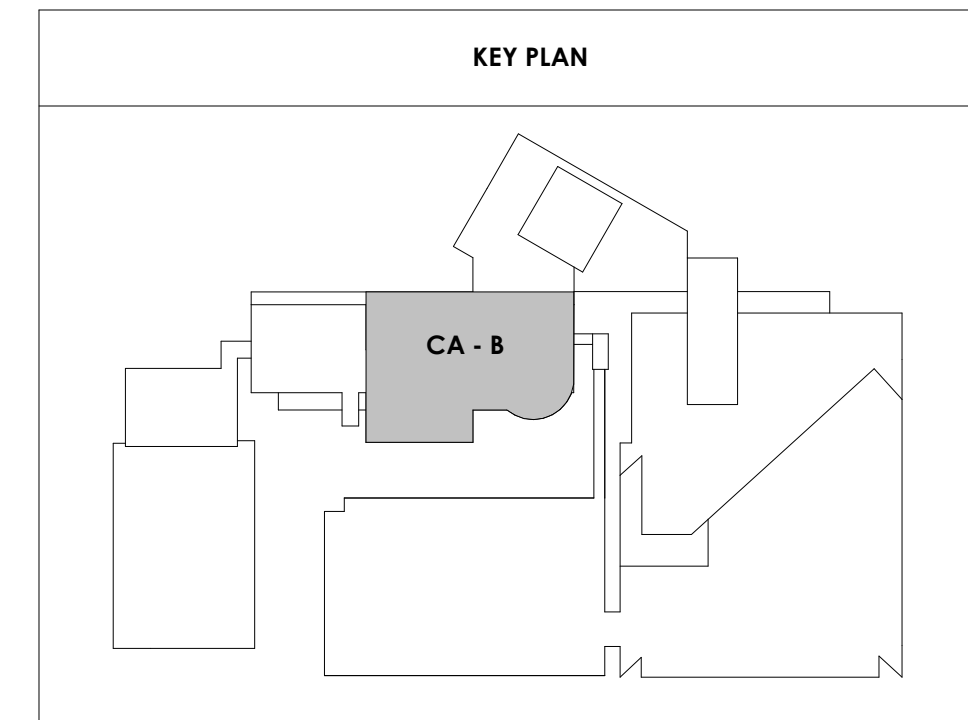
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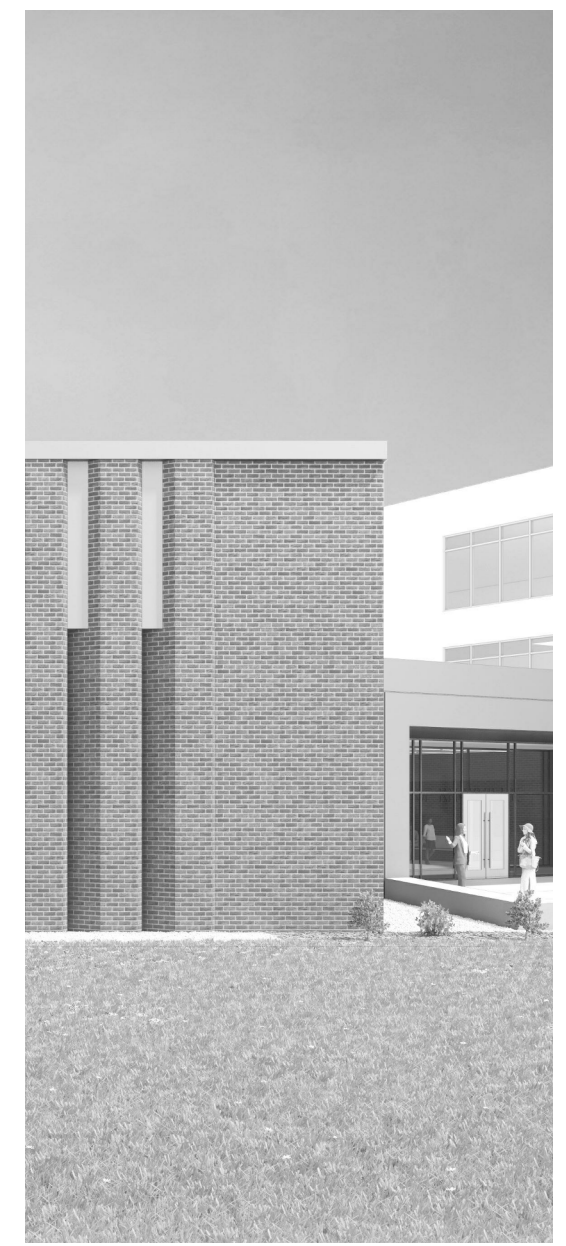
P210.2
CA - LEVEL LL3 B
FLOOR PLAN -
SANITARY
UNDERGROUND

NOTE:
EXISTING RAINWATER STACKS TO REMAIN. OFFSET TO MATCH NEW ARCHITECTURAL LAY OUT AS NECESSARY. FIELD VERIFY SIZES AND LOCATIONS.



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





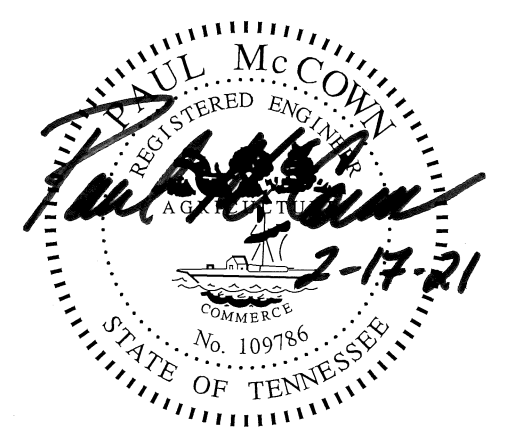
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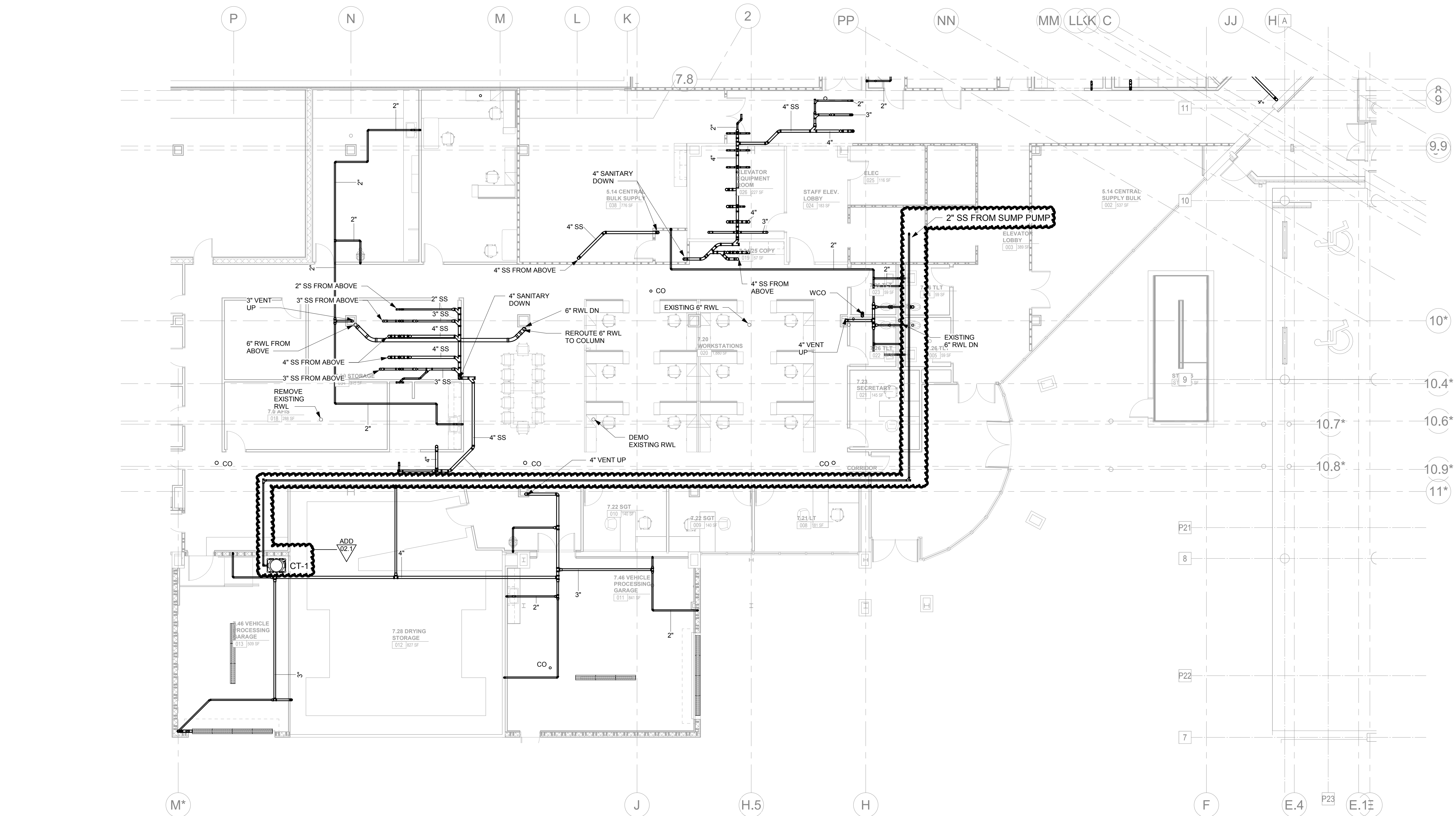
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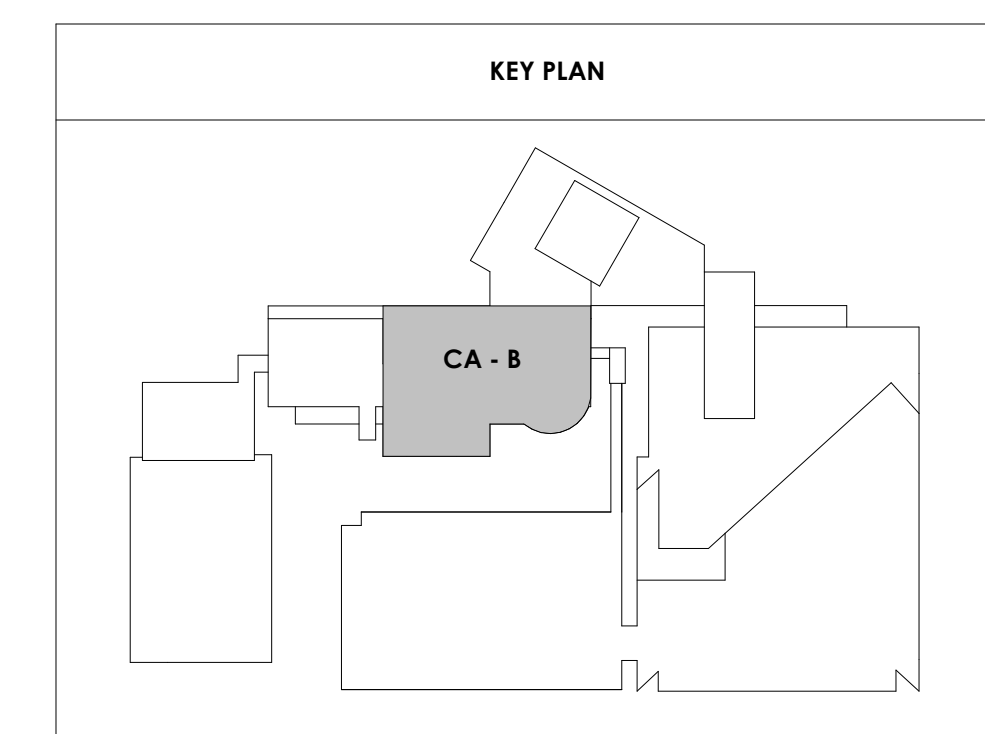
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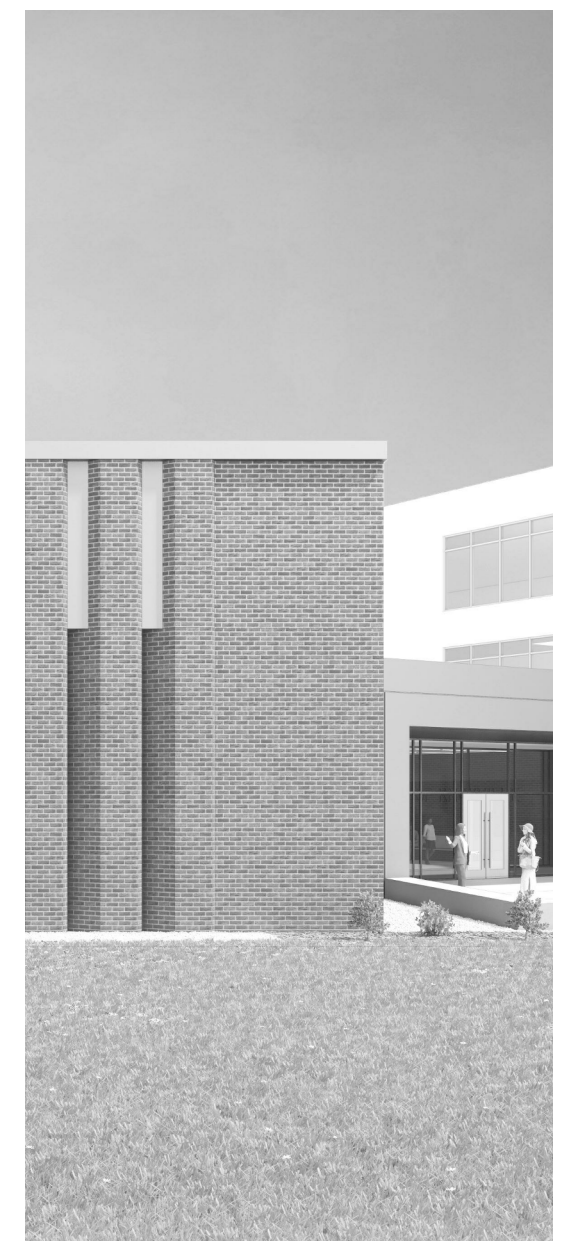
CA - LEVEL LL3 B
FLOOR PLAN -
SANITARY

NOTE:
EXISTING RAINWATER STACKS TO REMAIN. OFFSET TO MATCH NEW ARCHITECTURAL LAY OUT AS NECESSARY. FIELD VERIFY SIZES AND LOCATIONS.



CENTRAL ANNEX - LEVEL LL3 B FLOOR PLAN - SANITARY
1/8" = 1'-0"
P210.5





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PK: DAVID COLLINS

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PA: LAUREN BUSH /

Drawn By: P. SUITE

Checked By: P. MCCOWN

Drawing Info:

P300.1

CA - PLUMBING - LEGENDS, SCHEDULES AND DETAILS

HOT WATER CIRCULATING PUMP							
TAG	DESIGN & LAYOUT		CAPACITY		HORSE POWER	ELECTRICAL CHARACTERISTICS	LOCATION
	MFG.	MODEL NO.	GPM	HEAD/FT			
CP-1	GRUNDFOS	UP15 18B5	14.7	13.9	1/25	115/1/60	STORAGE LL3 (WH-1)
CP-2	GRUNDFOS	UP15 18B5	14.7	13.9	1/25	115/1/60	JAN LL3 (WH-2)
CP-3	GRUNDFOS	UP15 18B5	14.7	13.9	1/25	115/1/60	MECH 190 LL2 (WH-3)
CP-4	GRUNDFOS	UP15 18B5	14.7	13.9	1/25	115/1/60	STOR 171 LL2 (WH-4)
CP-5	GRUNDFOS	UP15 18B5	14.7	13.9	1/25	115/1/60	STOR 147 LL2 (WH-5)
CP-6	GRUNDFOS	UP15 18B5	14.7	13.9	1/25	115/1/60	JAN GROUND (WH-7)
CP-7	GRUNDFOS	UP15 18B5	14.7	13.9	1/25	115/1/60	JAN 239 LL1 (WH-6)

ELECTRIC WATER HEATER									
TAG	MFG.	MODEL NO.	STORAGE	RECOVERY GPH @ °F	ELECTRICAL CHARACTERISTICS		ELEMENTS & K.W.	LOCATION	SET TEMP °F
					GPM	HEAD/FT			
WH-1	LOCHINVAR	HSX54119	119	221 @ 100°		480/3/60	54 KW	STORAGE LL3	140
WH-2	LOCHINVAR	HSX36119	119	148 @ 100°		480/3/60	36 KW	056 JAN LL3	140
WH-3	LOCHINVAR	ETT050KD	50	52 @ 40°		208/3/60	2@4500	190 MECH LL2	110
WH-4	LOCHINVAR	ETT050KD	50	52 @ 40°		208/3/60	2@4500	STOR 125 LL2	110
WH-5	LOCHINVAR	ETT040KD	40	52 @ 40°		208/3/60	2@4500	STOR 147 LL2	110
WH-6	LOCHINVAR	ETT040KD	40	52 @ 40°		208/3/60	2@4500	JAN 239 LL1	110
WH-7	LOCHINVAR	ETT050KD	50	52 @ 40°		208/3/60	2@4500	JAN GROUND	110

NOTES:
1. PROVIDE BRADLEY S59-3045 MASTER MIXING VALVE WITH THERMOSTAT FOR WH-1 & WH-2
2. PROVIDE AMTROL ST-12-C OR APPROVED EQUAL EXPANSION TANK FOR WH-1 & WH-2
3. PROVIDE AMTROL ST-5-C OR APPROVED EQUAL EXPANSION TANK FOR WH-3, WH-4, WH-5, WH-6, WH-7.

DOMESTIC BOOSTER PUMP								
TAG	DESIGN & LAYOUT		CAPACITY		HORSE POWER	ELECTRICAL CHARACTERISTICS	TYPE	LOCATION
	MFG.	MODEL NO.	GPM	HEAD/FT				
DP-1	TIGERFLOW	ES-3000-VFD-NSF	150	76	3	460/3/60	-	MECH RM

NOTE:
Tigerflow Model ES-3000-VFD-NSF Duplex Booster System
3" Stainless Steel Headers
(2) Ebara Stainless Steel End Suction Pumps
3HP, 3500 RPM, 208/230/460/3/60VOLTAGE MOTORS
Each Pump Rated For: 75 GPM at 76 FT.HD.
34 Gallon, 150# Hydro-Pneumatic Tank
Provide full sized, valved bypass
CONNECT TO BAS

ADD 02.1

SUMP PUMP								
TAG	DESIGN & LAYOUT		CAPACITY		HORSE POWER	ELECTRICAL CHARACTERISTICS	TYPE	LOCATION
	MFG.	MODEL NO.	GPM	HEAD/FT				
SP-1	WEIL	WE0511H	50	50 GPM @ 20 HEAD	1/2	120/1/60	SUBMERS.	ELEVATOR SUMP

SUMP PUMP CONTAINMENT TANK						
TAG	MFG.	MODEL NO.	CAPACITY	CONNECTIONS		LOCATION
				INLET	VENT	
CT-1	STRIEM	OCT-50	57 GAL	2"	3"	7.46 VEHICLE PROCESSING GARAGE

NOTES:
1. PROVIDE STRIEM C24-H HIGHWAY RATED COMPOSITE COVER
2. PROVIDE AND INSTALL STRIEM AVA-3 HI WATER ALARM

GENERAL

1. THE DRAWINGS MAY NOT SHOW ALL EXISTING ITEMS OR CONDITIONS. CONTRACTOR SHALL NOT RECEIVE EXTRA PAYMENT FOR REQUIREMENTS WHICH CAN BE INFERRED THROUGH OBSERVATION OF EXISTING CONDITIONS AT THE SITE. IN THE EVENT CONCEALED CONDITIONS ARE ENCOUNTERED WHICH MAY VARY SIGNIFICANTLY FROM THOSE INDICATED ON THE DRAWINGS, NOTIFY THE ARCHITECT BEFORE PROCEEDING WITH WORK.

2. THE CONTRACTOR IS REQUIRED TO VISIT THE SITE AND BECOME FAMILIAR WITH EXISTING CONDITIONS AND FIELD VERIFY ALL POINTS OF CONNECTING TO BACK FEED EXISTING PRIOR TO SUBMITTING A BID.

3. CONTRACTOR SHALL PAY ALL FEES AND CHARGES REQUIRED TO ACHIEVE THE INSTALLATION.

4. CONTRACTOR SHALL FIELD VERIFY BY MEASUREMENT THE EXACT LOCATION OF EXISTING EQUIPMENT, PIPING, STRUCTURE AND OTHER CONDITIONS WHICH WILL AFFECT INSTALLATION. CONTRACTOR SHALL LOCATE NEW EQUIPMENT AND ROUTE NEW PIPING TO AVOID CONFLICTS AND INTERFERENCES WITH EXISTING FIELD CONDITIONS. FINAL COORDINATION WITH OTHER TRADES IS THE RESPONSIBILITY OF THE CONTRACTOR.

5. DRAWINGS ARE DIAGRAMMATIC AND INDICATE GENERAL ARRANGEMENT OF SYSTEMS. DRAWINGS SHALL NOT BE SCALED.

6. PROVIDE SHUT OFF VALVES AT ALL CONNECTIONS BETWEEN NEW AND EXISTING WATER AND GAS LINES.

7. COORDINATE WITH GENERAL CONTRACTOR THE PATCHING OF ROOF WHERE ROOF DRAINS AND VENTS THRU ROOF ARE REMOVED, ADDED OR ELIMINATED.

8. WHERE CHASES ARE REMOVED, OFFSET ALL EXISTING LINES TO NEW CHASES OR WALLS AND RECONNECT ABOVE CEILING AND BELOW FLOOR AS REQUIRED.

9. ALL EXISTING SYSTEMS TO REMAIN IN SERVICE SHALL BE BACKFED AND RESTORED TO FULL OPERATION.

10. PROVIDE TRAP PRIMER CONNECTION AND TRAP PRIMER TO SERVE ALL FLOOR DRAINS.

11. FIRESTOP ALL PENETRATIONS THROUGH RATED WALL AND FLOORS.

12. INSTALL CLEANOUTS AT BASE OF ALL SANITARY AND STORM STACKS, AT ALL CHANGE IN DIRECTIONS GREATER THAN 45° AND IN STRAIGHT RUNS AT LEAST EVERY 50 FT.

13. EXTEND DRAIN PIPING FROM REDUCED PRESSURE BACKFLOW PREVENTER TO FLOOR DRAIN THE RPBP SERVES.

14. ALL EXPOSED WATER PIPING IN FINISHED SPACES TO BE CHROME PLATED.

15. ALL PLUMBING FIXTURES TO BE SEALED AT FLOOR OR WALL USING SANITARY SEALANT APPROVED FOR THE PURPOSE.

16. ALL PLUMBING AND FIRE PROTECTION EQUIPMENT TO BE INSTALLED ON 6" CONCRETE HOUSEKEEPING PAD.

FIXTURE CONNECTION

SYMBOL	DESCRIPTION	CONNECTION SIZE			
		WASTE	VENT	COLD WATER	HOT WATER
P-1	WATER CLOSET (FM, FV, BF)	4"	4"	1"	---
P-2	WATER CLOSET (FM, FV, REG.)	4"	4"	1"	---
P-3	URINAL (BF)	2"	2"	3/4"	---
P-4	LAVATORY (OVAL, BF)	2"	2"	1/2"	1/2"
P-5	LAVATORY (WH, BF)	2"	2"	1/2"	1/2"
P-6	SINK (SS, SC)	2"	2"	1/2"	1/2"
P-7	SINK (SS, DC)	2"	2"	1/2"	1/2"
P-8	SINK (FREESTANDING, TRIPLE COMPARTMENT)	2"	2"	1/2"	1/2"
P-9	JANITOR'S SINK	3"	2"	1/2"	1/2"
P-10	WATER COOLER (BF)	2"	2"	1/2"	---
P-11	ICE MAKER CONNECTION	---	---	1/2"	---
P-12	FLOOR DRAIN (REGULAR)	3"	2"	TP	---
P-13	FLOOR DRAIN (MECH)	4"	2"	TP	---
P-14	HOSE BIBB, INTERIOR	---	---	3/4"	---
P-15	WALL HYDRANT, EXTERIOR	---	---	3/4"	---
P-16	SHOWER, 3'x3', BF	2"	2"	1/2"	1/2"
P-17	SINK, SC (LAB)	2"	2"	1/2"	1/2"
P-18	TRENCH DRAIN	4"	2"	---	---
P-19	EMERGENCY SHOWER/EYEWASH	2"	2"	1 1/4"	1 1/4"
P-20	ROOF DRAIN	AS SHOWN	---	---	---
P-21	OVERFLOW ROOF DRAIN	AS SHOWN	---	---	---
P-22	SINK, FREESTANDING, SC	2"	2"	1/2"	1/2"

NOTES:

- ALL WALL MTD. FIXTURES SHALL BE PROVIDED WITH FLOOR MOUNTED, CONCEALED ARM WALL CARRIER.
- ALL EXPOSED P-TRAPS SHALL BE PROVIDED W/LAV SHIELDS.
- PROVIDE BACKFLOW PREVENTER AT CONNECTION TO OWNER FURNISHED EQUIPMENT PER IPC.
- PROVIDE AND INSTALL TRAP SEAL FOR ALL FLOOR DRAINS.

- IN ADDITION TO SERVICE VALVES SHOWN ON PLANS, PROVIDE AND INSTALL ISOLATION VALVES ON HOT AND COLD WATER SUPPLY PIPING TO EACH PLUMBING FIXTURE.
- SHOCKTROL TO BE ZURN SERIES Z-1700 OR EQUAL. SIZE AS INDICATED ON WATER RISER DIAGRAM. PROVIDE ACCESS TO ALL SHOCKTROLS THRU ACCESS PANELS, LAY-IN CEILINGS, WALL IN CHASE. REFER TO ARCHITECTURAL DRAWINGS FOR ELEVATIONS OF FIXTURES.

PLUMBING ABBREVIATIONS

ABBREVIATION	DESCRIPTION	ABBREVIATION	DESCRIPTION
ADA	AMERICANS WITH DISABILITIES ACT	MECH	MECHANICAL
AFF	ABOVE FINISHED FLOOR	MTD	MOUNTED
BV	BALANCING VALVE	OFE	OWNER FURNISHED EQUIPMENT
CLG	CEILING	PUB	PUBLIC
CONT	CONTINUATION	RPBP	REDUCED PRESSURE BACKFLOW PREVENTER
COORD	COORDINATION	RWL	RAINWATER PIPING
CO	CLEAN OUT	SAN	SANITARY SEWER PIPING
CW	COLD WATER LINE	SD	UNDERGROUND STORM PIPING
DN	DOWN	SF	SQUARE FOOT
DWG	DRAWING	TMP	TEMPERATURE
EA	EACH	TMV	THERMOSTATIC MIXING VALVE
FM	FLOOR MOUNTED	TYP	TYPICAL
FV	FLUSH VALVE	VTR	VENT THROUGH ROOF
GN	GOOSENECK	W/	WITH
GPM	GALLONS PER MINUTE	WC	WATER CLOSET
HW	HOT WATER LINE	WCO	WALL CLEAN OUT
HWR	HOT WATER RETURN	WH	WALL HUNG
LAV	LAVATORY		

PLUMBING

SYMBOL	DESCRIPTION
	REDUCED PRESSURE BACKFLOW PREVENTER
	P TRAP
	BALL VALVE
	FLOOR DRAIN
P- No.	PLUMBING FIXTURE DESIGNATION
	END CAP
	COLD WATER SUPPLY
	HOT WATER SUPPLY
	HOT WATER RETURN
	SANITARY VENT
	SANITARY WASTE
	RAIN WATER LEADER
	STORM DRAIN



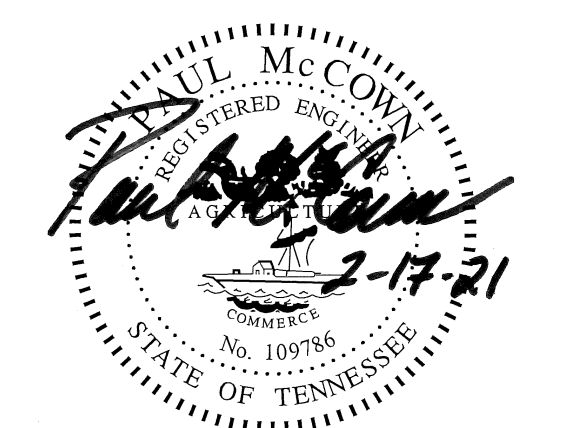
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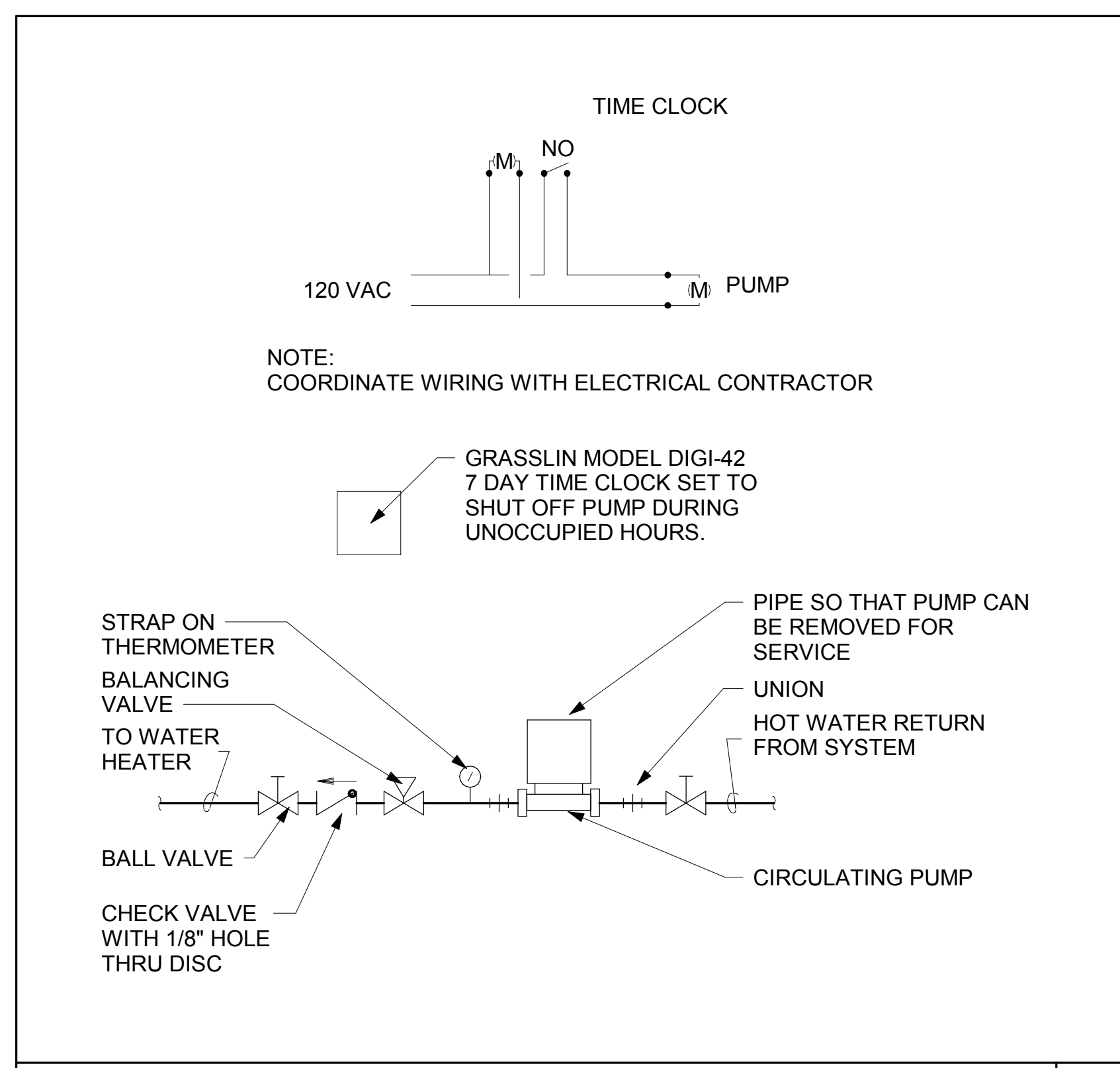
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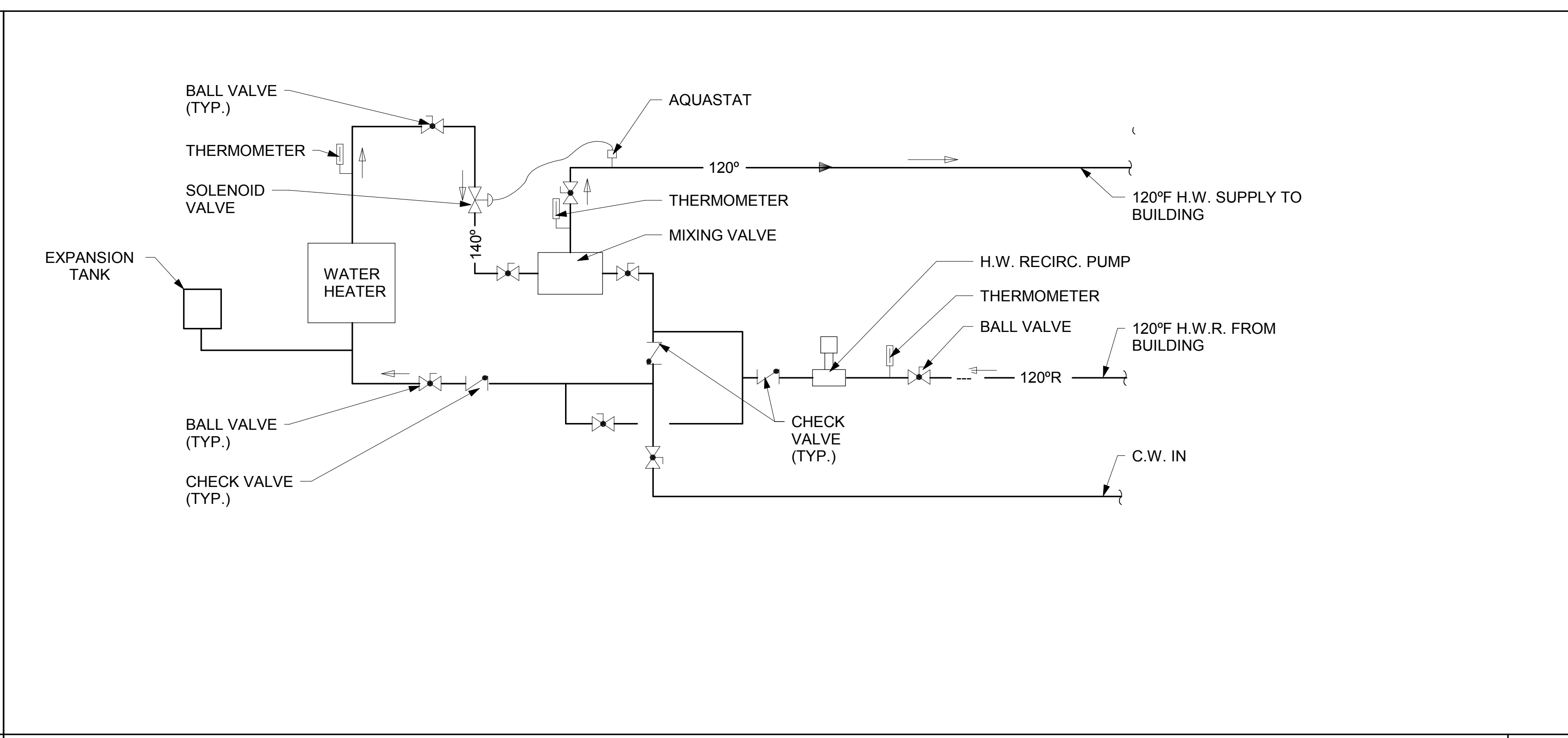
P301

PLUMBING - DETAILS

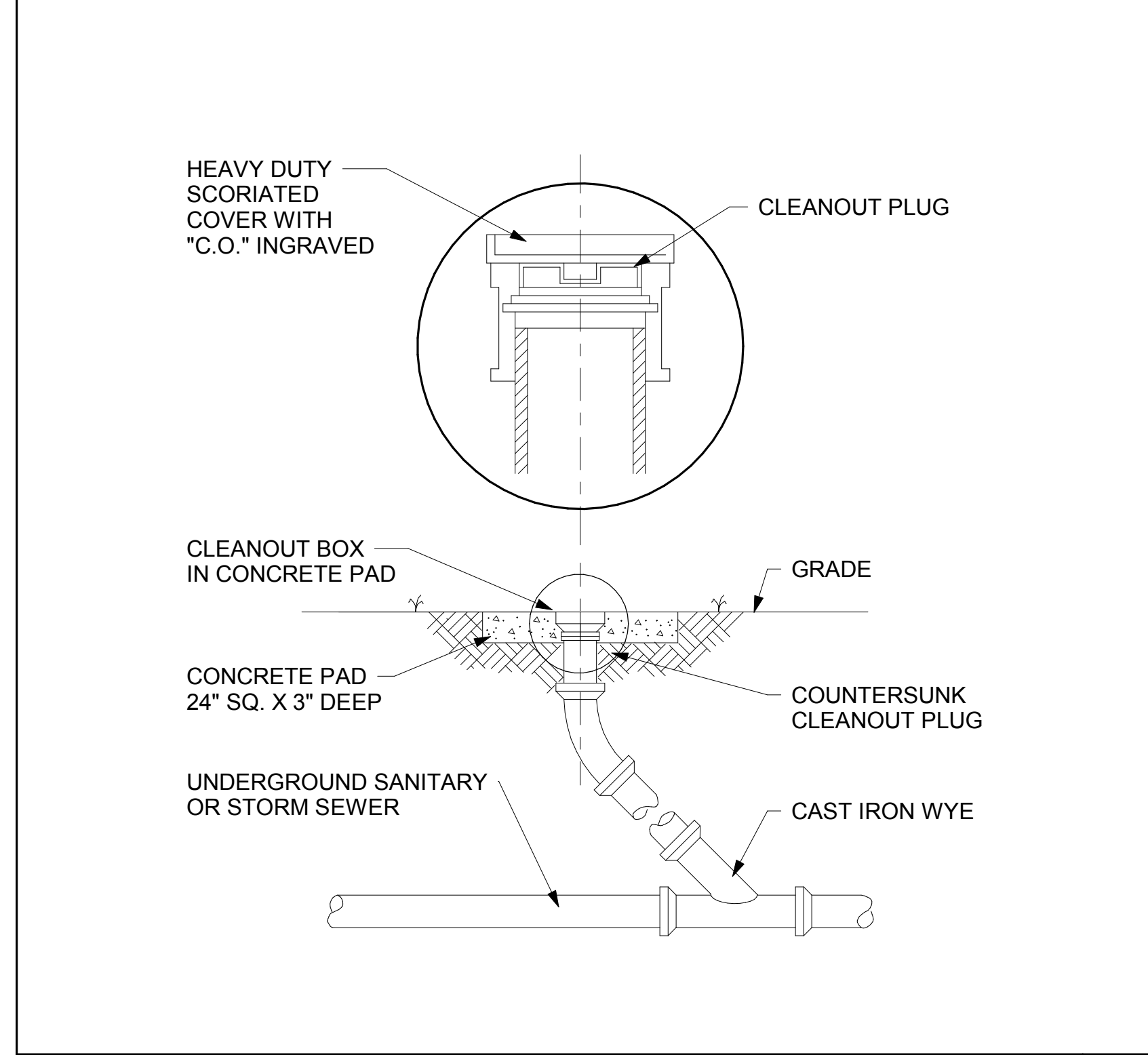
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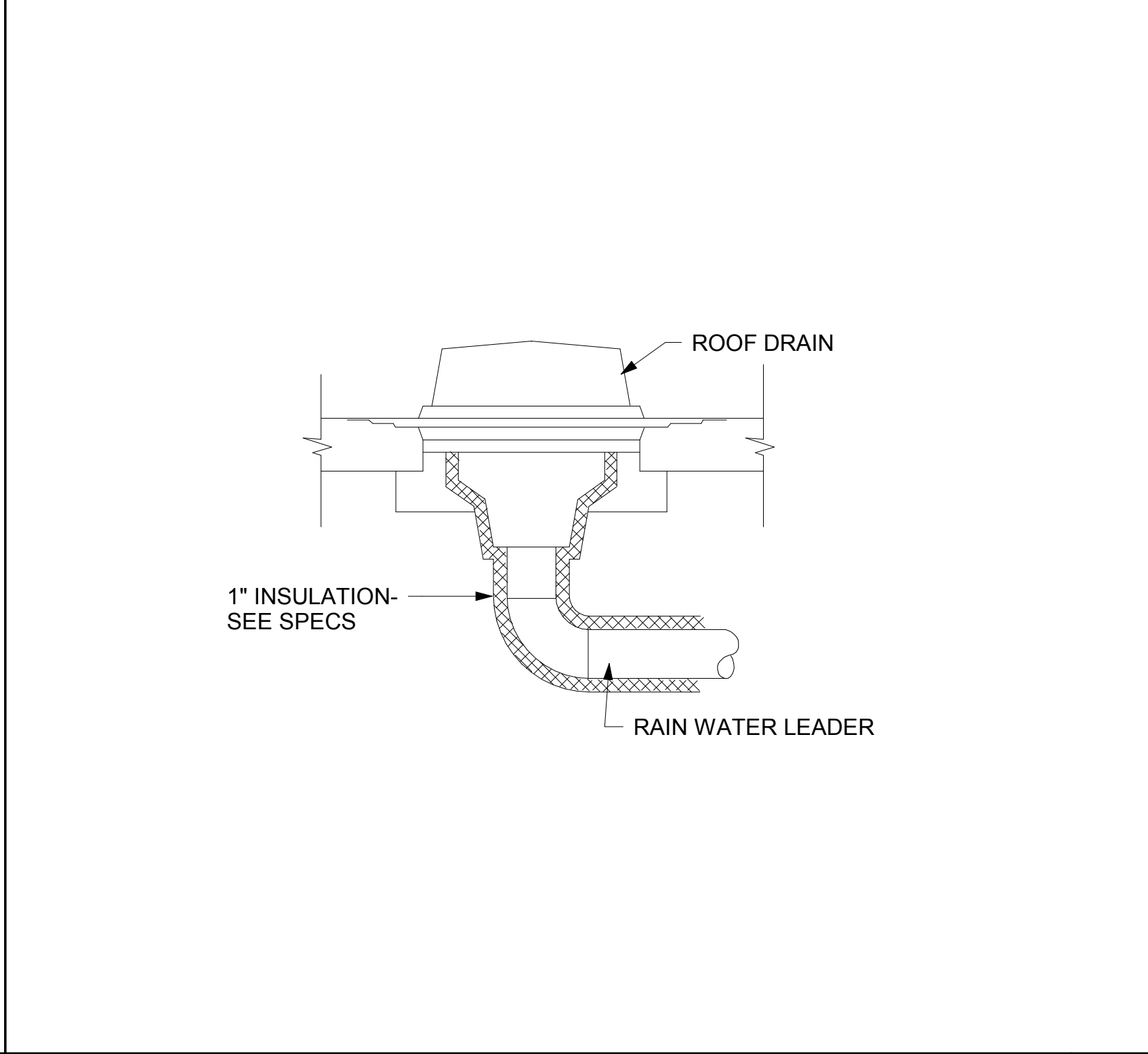
IN-THE-LINE CIRCULATING PUMP DETAIL
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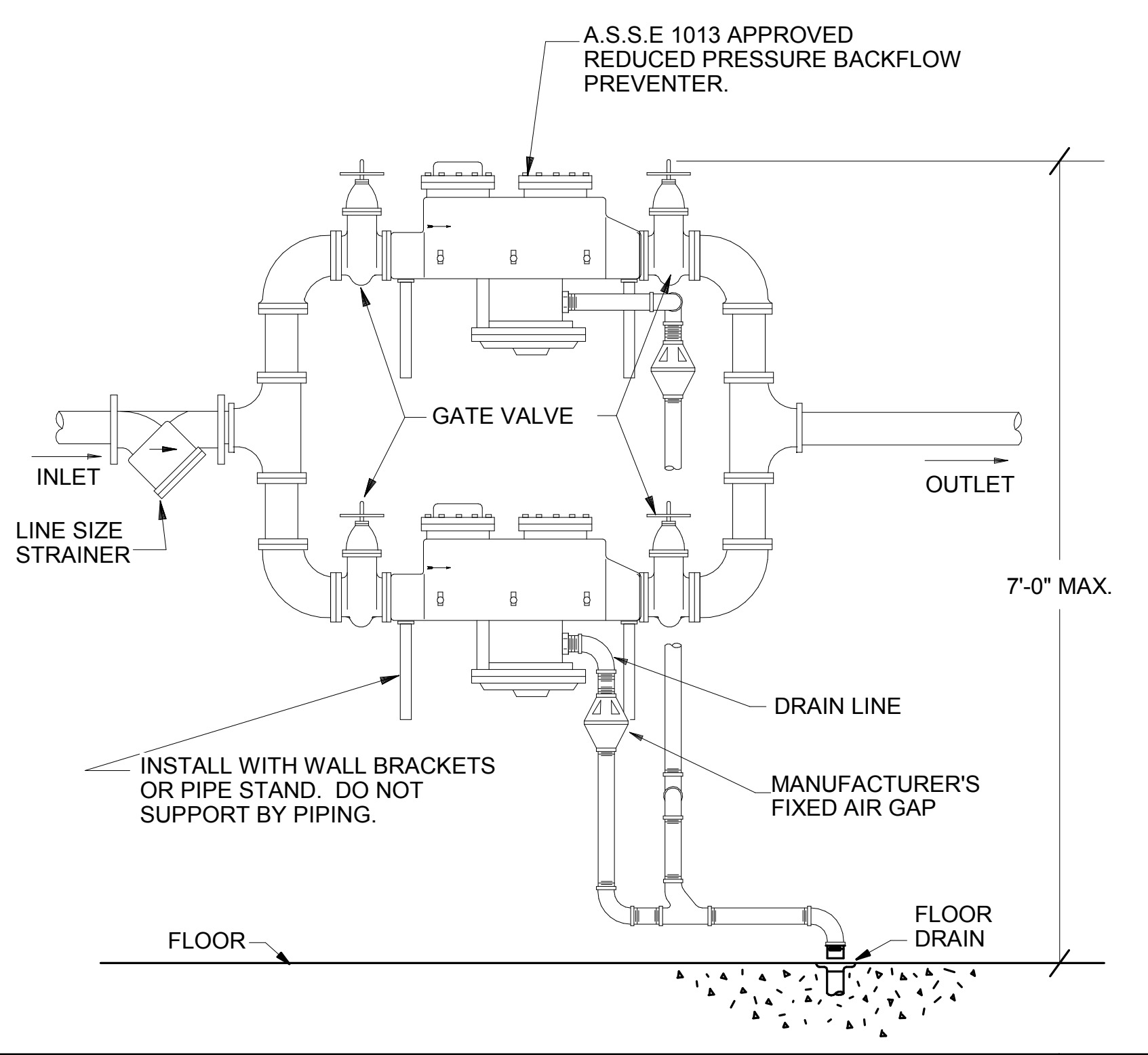
PIPING SCHEMATIC AT BUILDING MIXING VALVE
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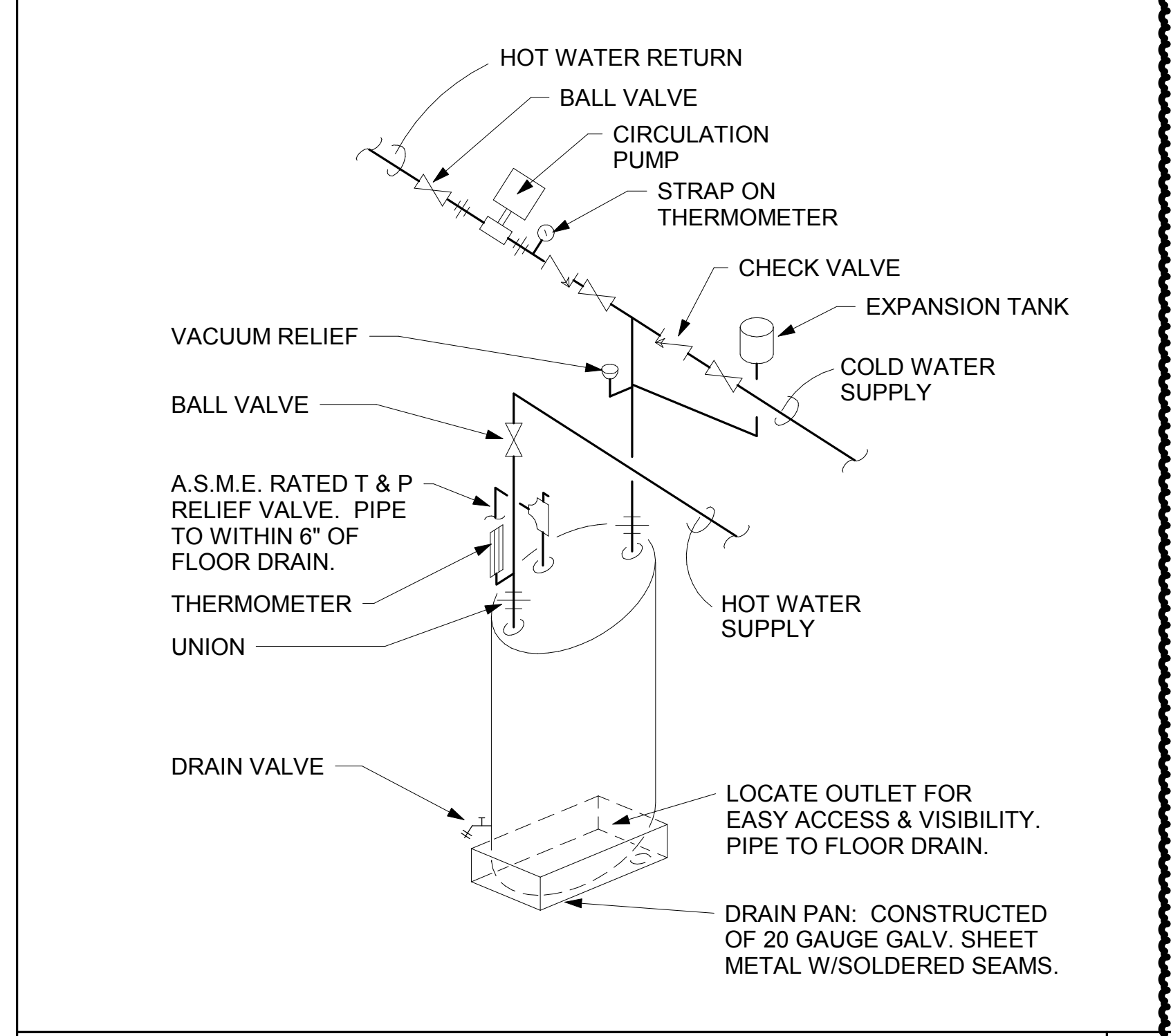
EXTERIOR CLEANOUT DETAIL
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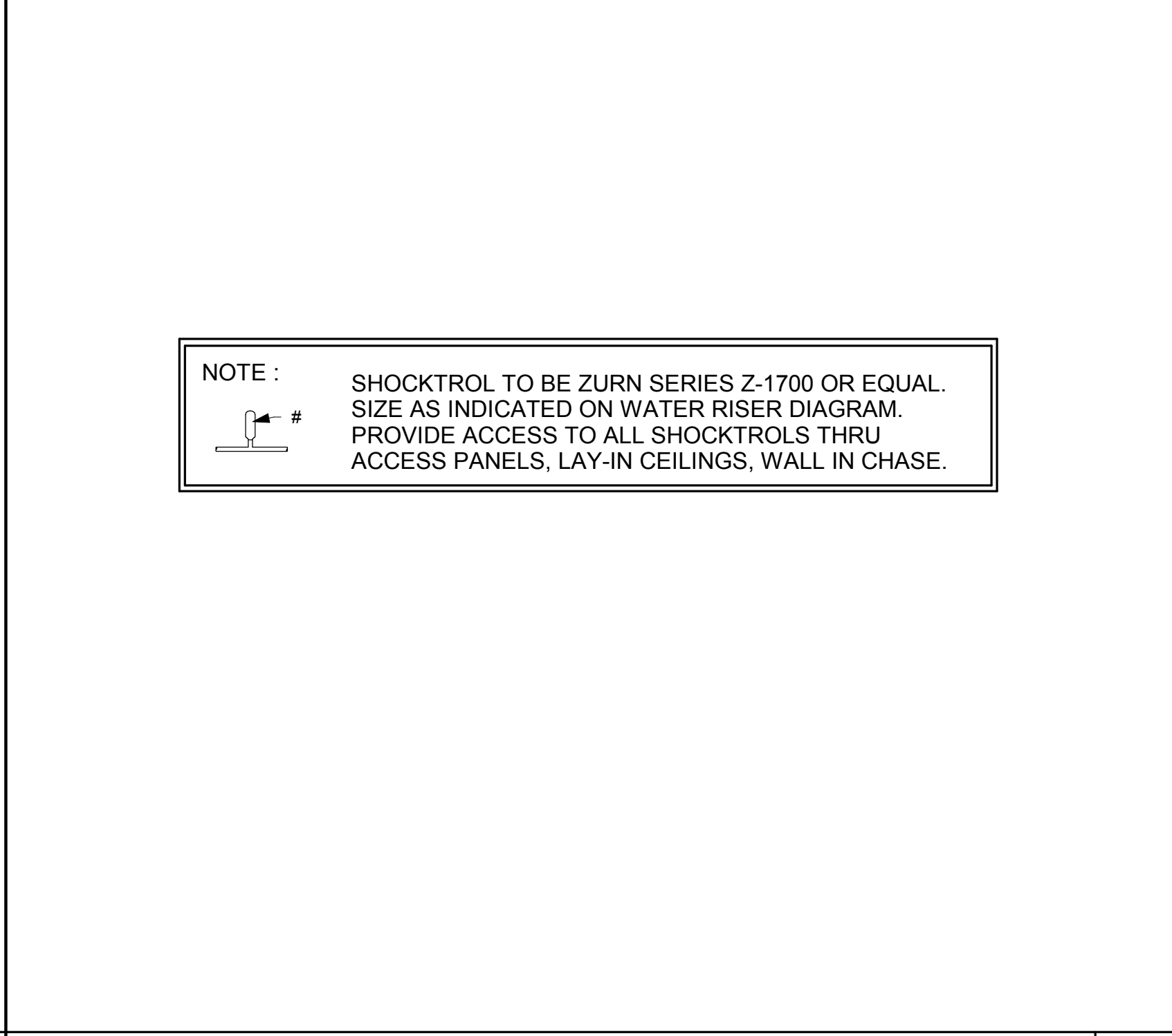
ROOF DRAIN INSULATION DETAIL
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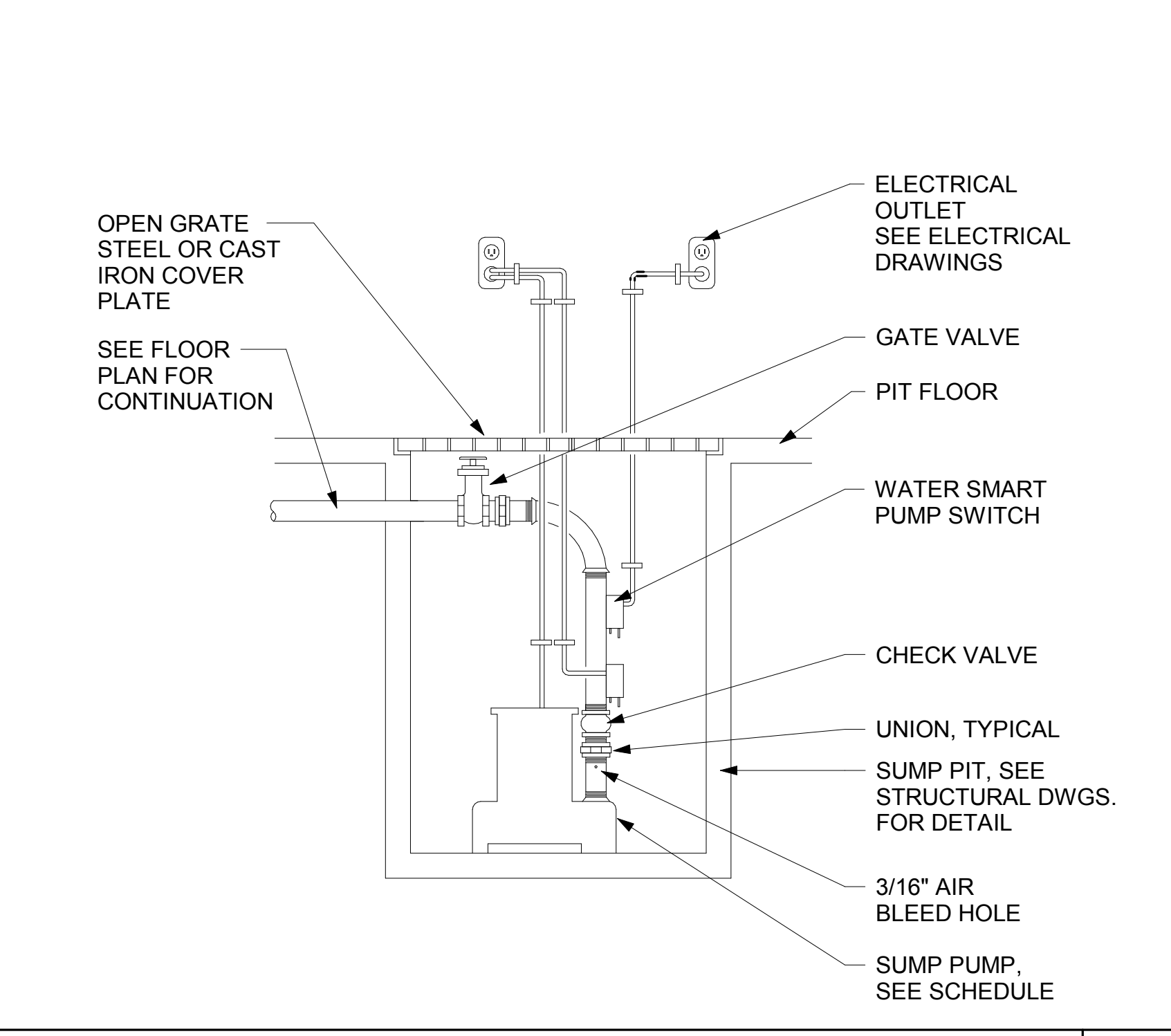
REDUCED PRESSURE BACKFLOW PREVENTER DETAIL
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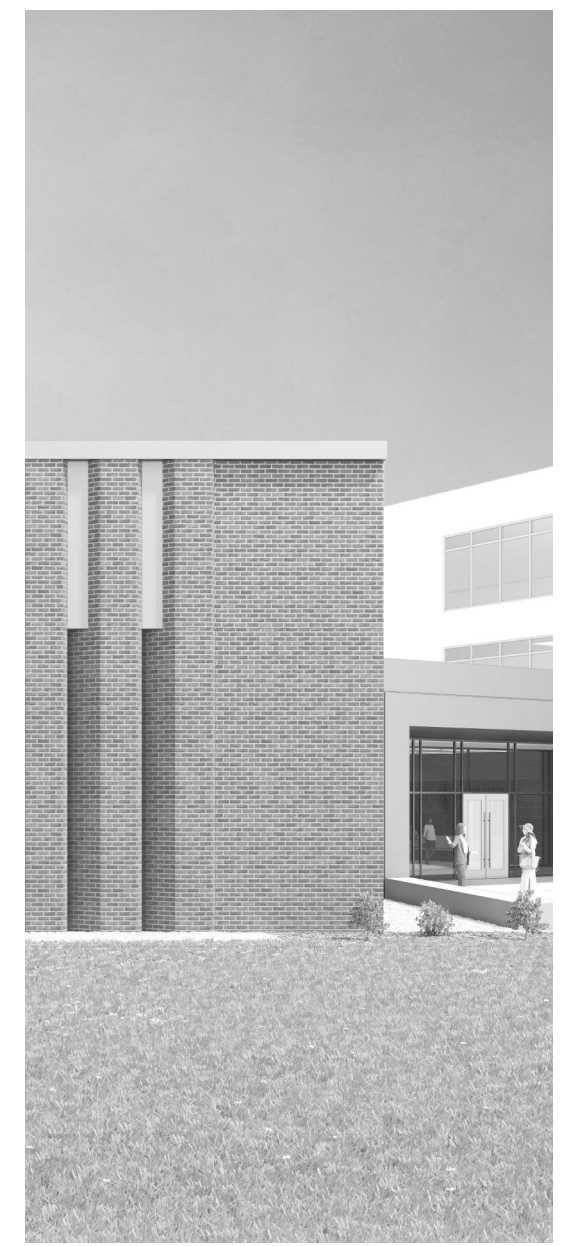
ELECTRIC WATER HEATER DETAIL WITH CIRCULATION PUMP
No Scale



SHOCKTROL NOTE
No Scale



SUMP PUMP DETAIL
No Scale



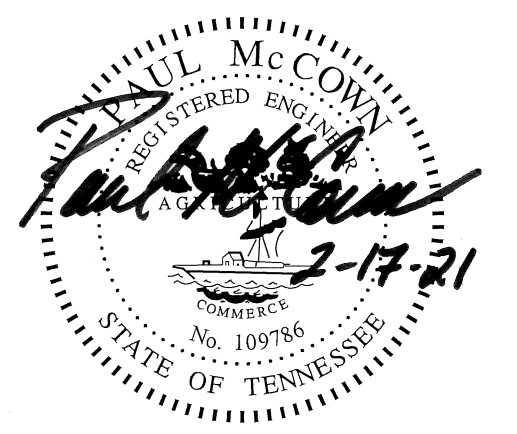
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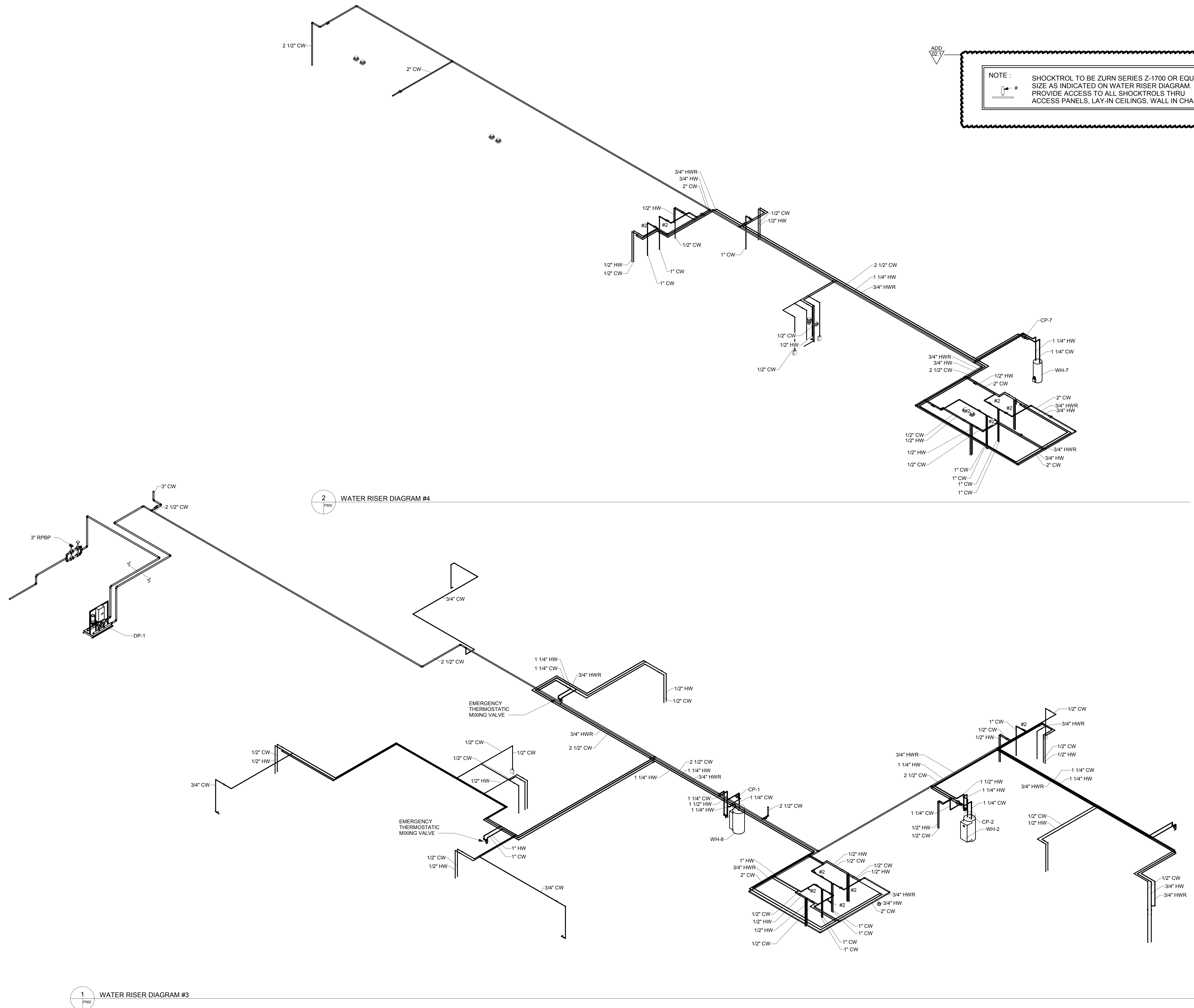
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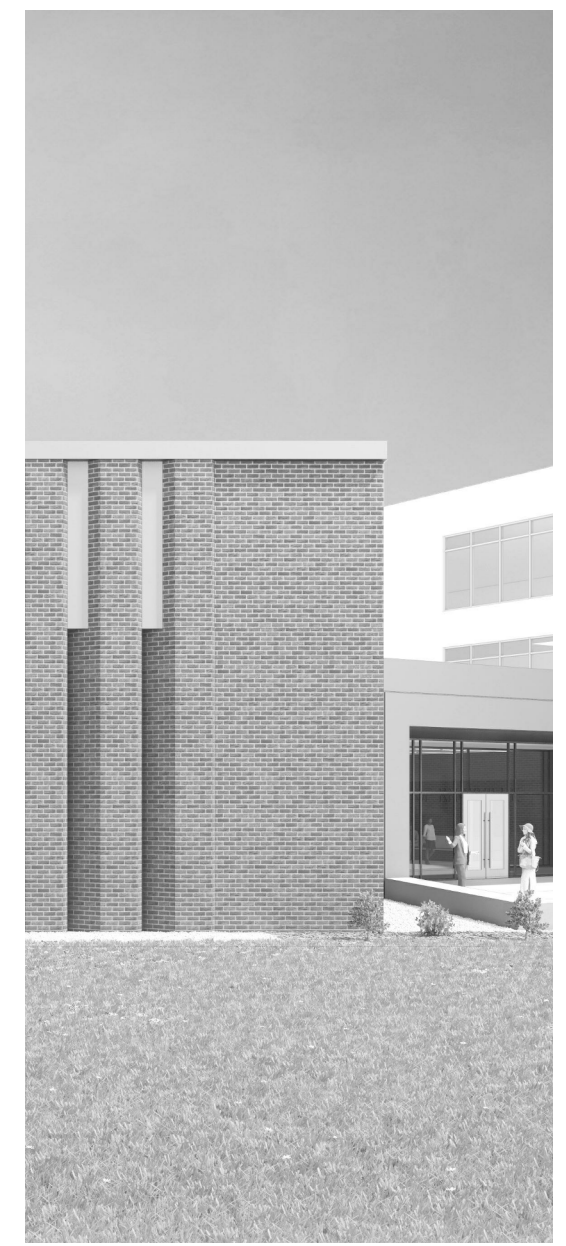
Drawing Info:

P502

CA - WATER RISER DIAGRAMS



NOTE: SHOCKTROL TO BE ZURN SERIES Z-1700 OR EQUAL. SIZE AS INDICATED ON WATER RISER DIAGRAM. PROVIDE ACCESS TO ALL SHOCKTROLS THRU ACCESS PANELS, LAY-IN CEILINGS, WALL IN CHASE.



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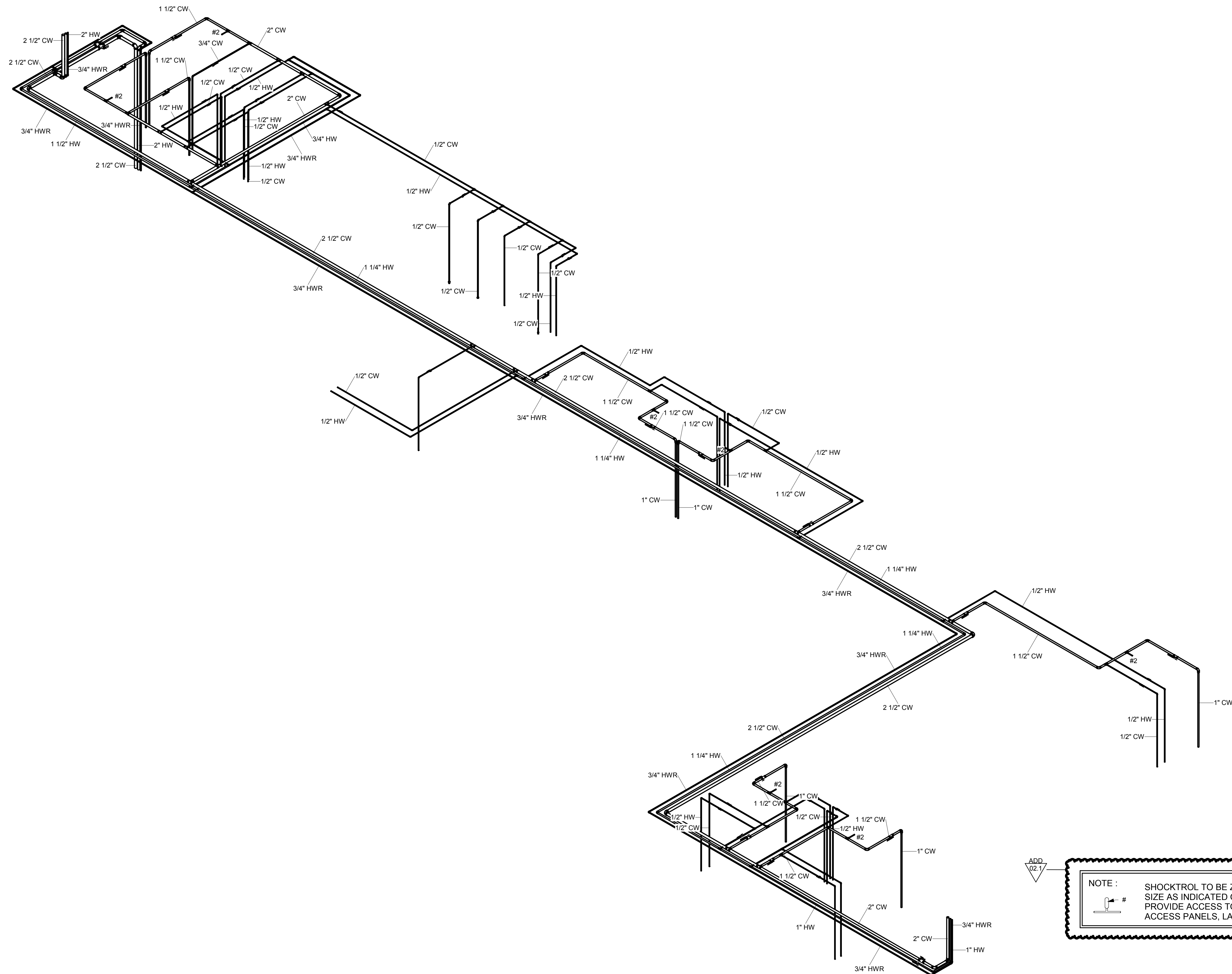
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Drawing Info:

P505

WP - WATER RISER DIAGRAM



NOTE : SHOCKTROL TO BE ZURN SERIES Z-1700 OR EQUAL. SIZE AS INDICATED ON WATER RISER DIAGRAM. PROVIDE ACCESS TO ALL SHOCKTROLS THRU ACCESS PANELS, LAY-IN CEILINGS, WALL IN CHASE.

1 WATER RISER 2



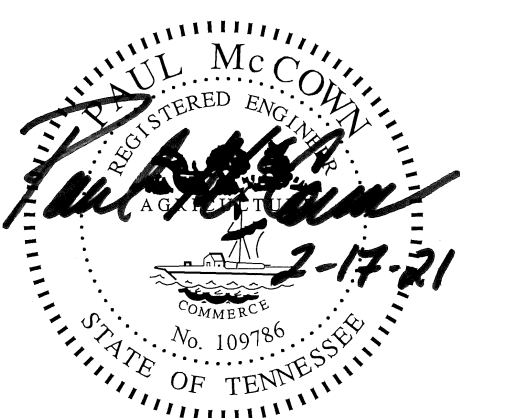
Project Information:

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
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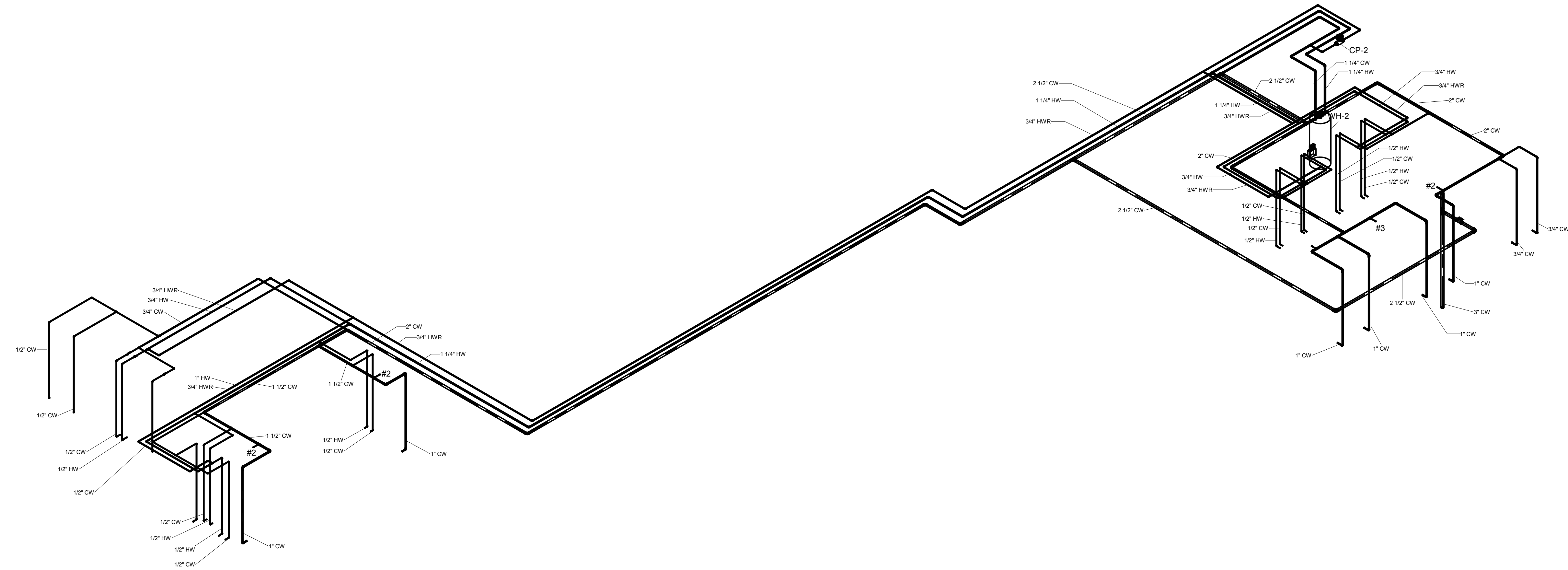
#	ISSUE	DATE
ADD	02.1	02/17/21

Issue Date:	AUGUST 28, 2020
PI:	DAVID COLLINS
PM:	JOHN THURMAN
PA:	LAUREN BUSH /
Drawn By:	P. SUITE
Checked By:	P. MCCOWN

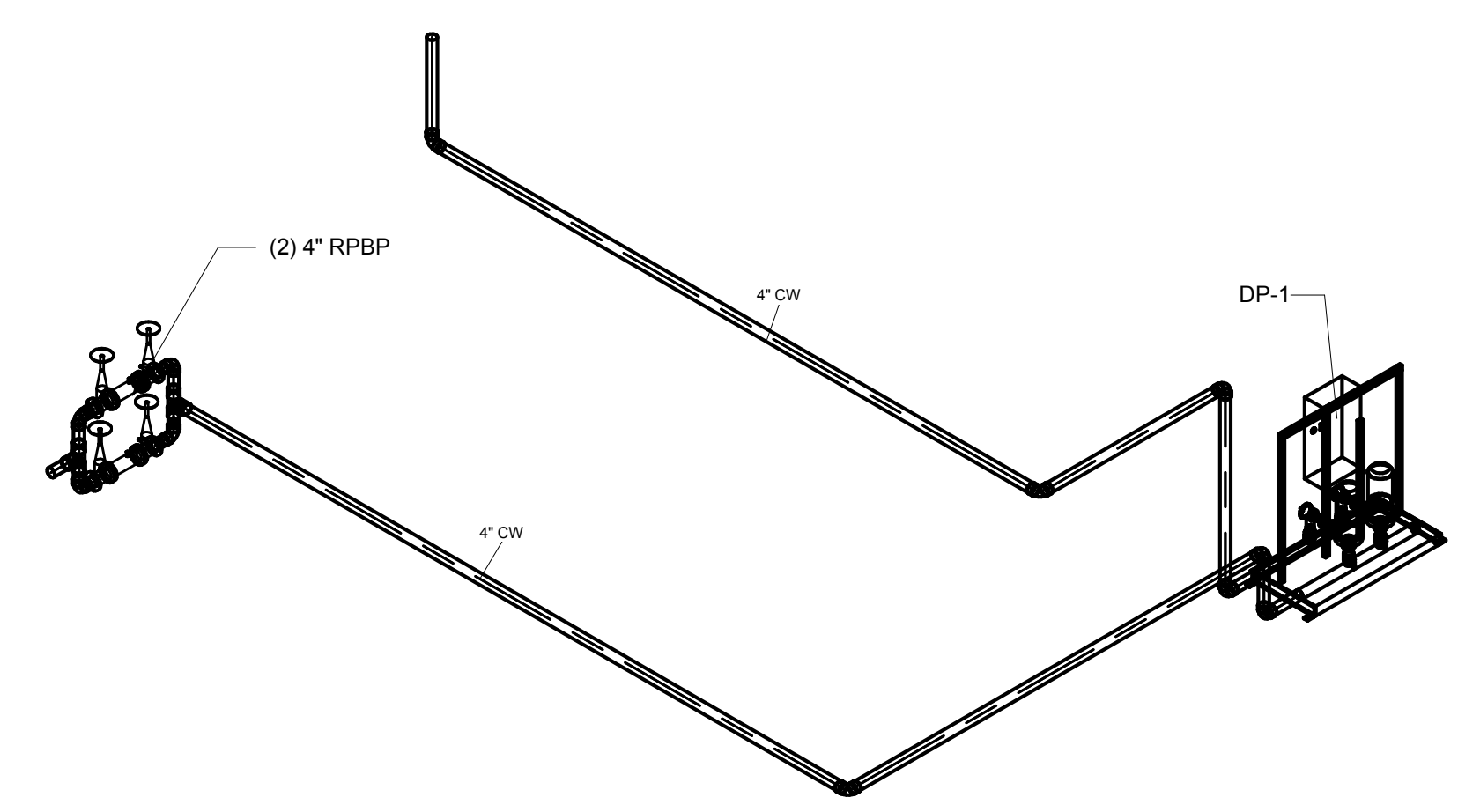
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P508

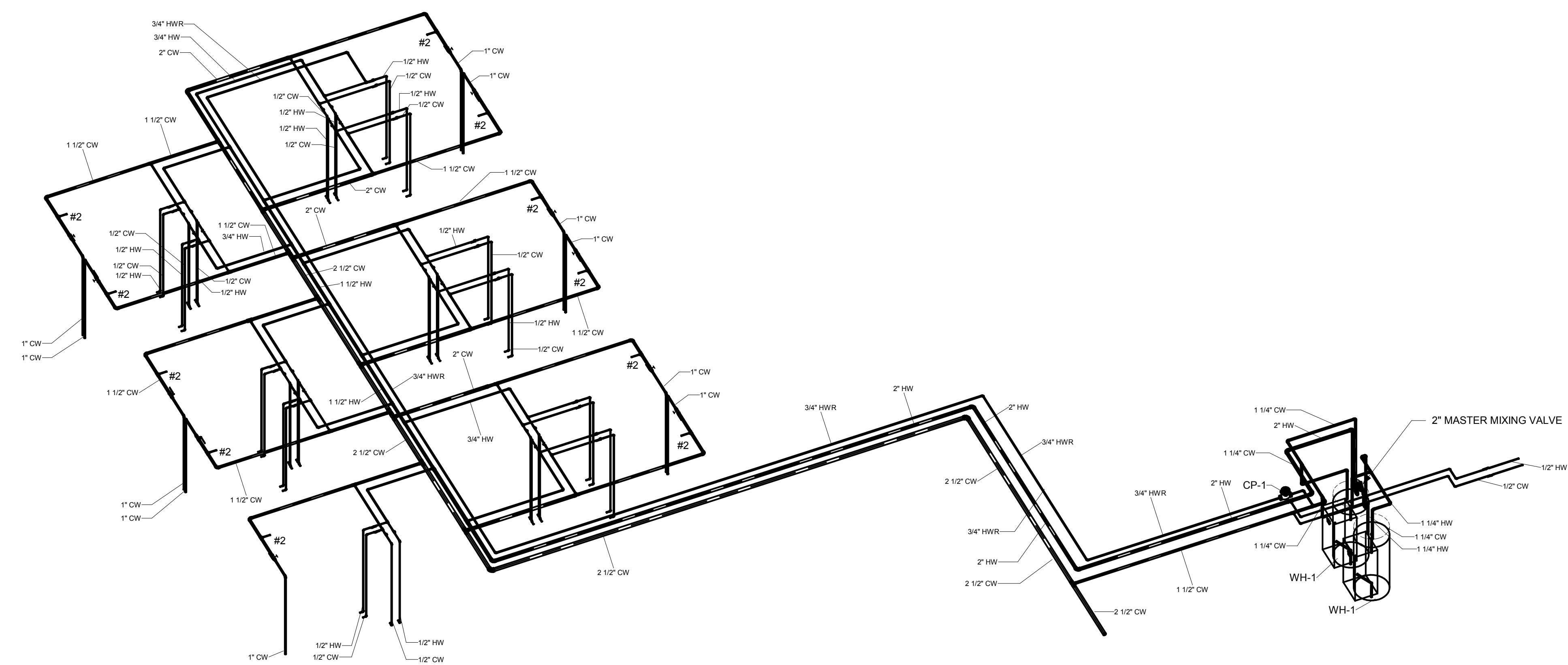
POB - WATER RISER DIAGRAMS



2 LEVEL 6 WATER RISER

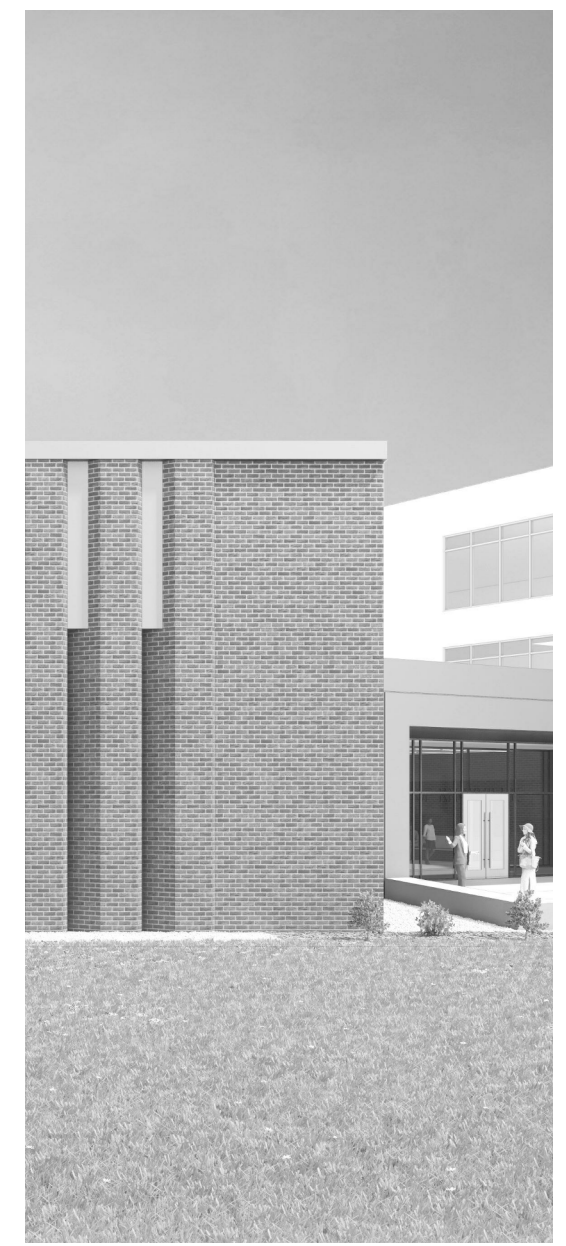


4 LEVEL P4 WATER RISER



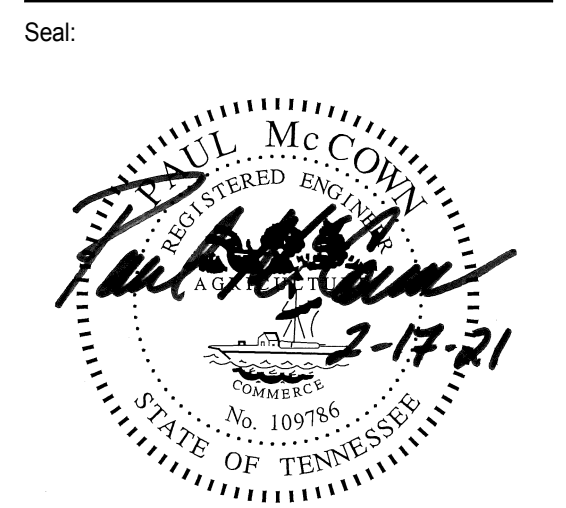
1 LEVEL 5 WATER RISER

NOTE:
SHOCKTROL TO BE ZURN SERIES Z-1700 OR EQUAL.
SIZE AS INDICATED ON WATER RISER DIAGRAM.
PROVIDE ACCESS TO ALL SHOCKTROLS THRU ACCESS PANELS, LAY-IN CEILINGS, WALL IN CHASE.



Project Information:
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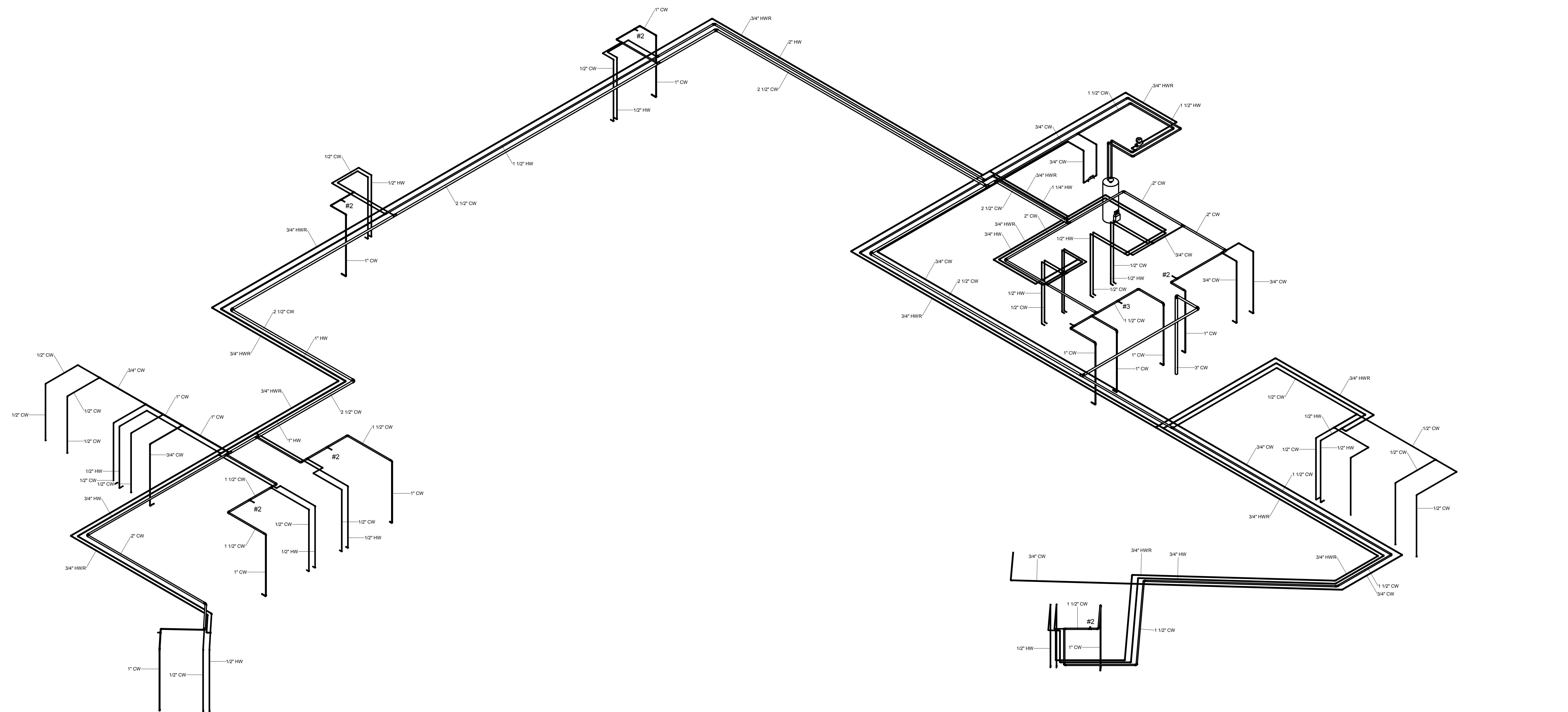
Consultant:
ICT
I.C. THOMASSON ASSOCIATES, INC.
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KNOXVILLE, TENNESSEE 37916
PHONE (865) 525-3488
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#	ISSUE	DATE
ADD 02.1		02/17/21

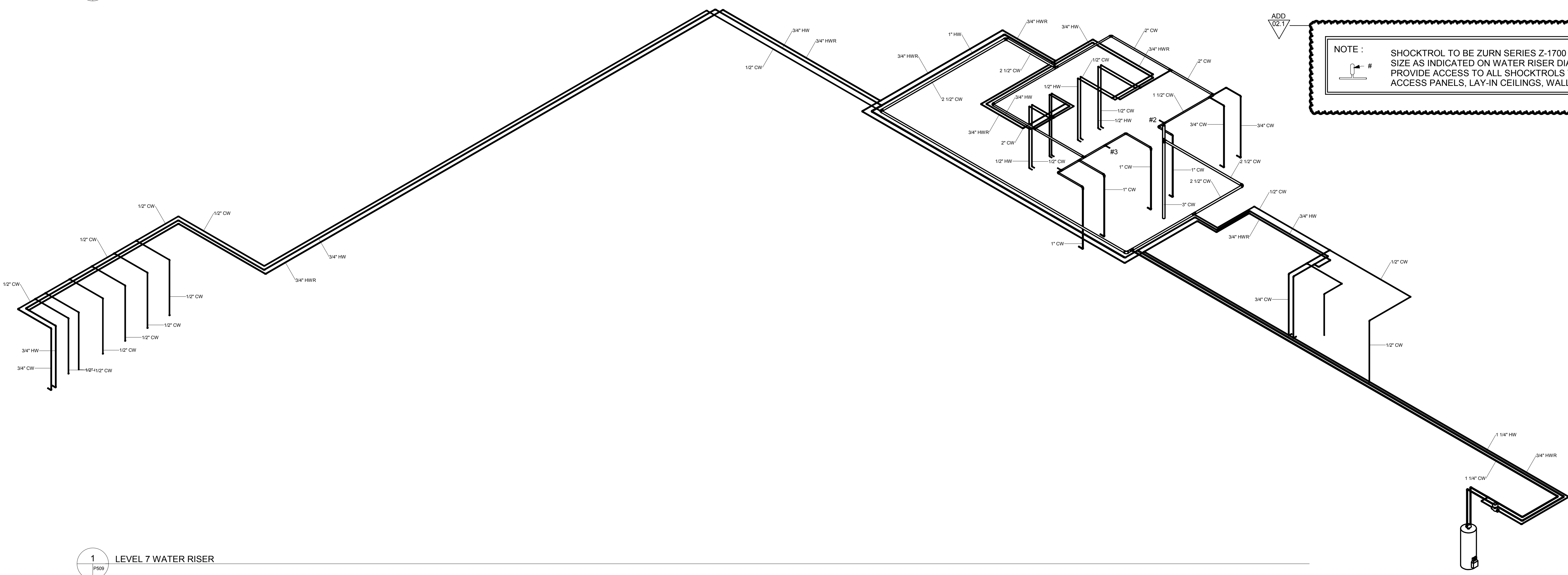
Issue Date: AUGUST 28, 2020
PIC: DAVID COLLINS
PM: JOHN THURMAN
PA: LAUREN BUSH /
Drawn By: P. SUITE
Checked By: P. MCCOWN

Drawing Info:
P509

POB - WATER RISER DIGRAMS

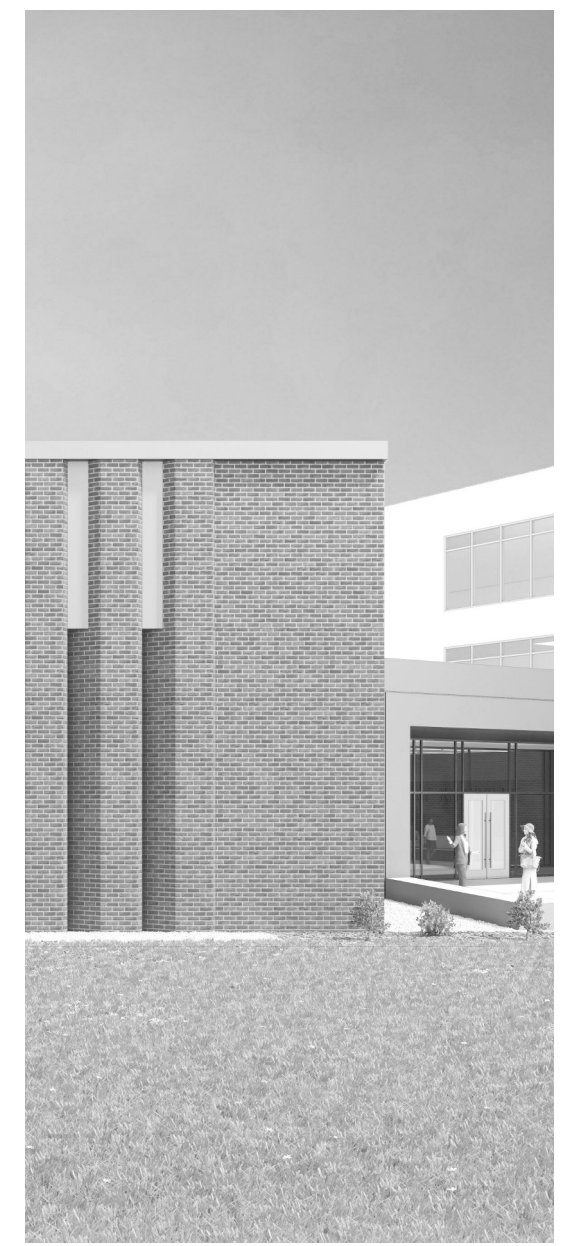


2
LEVEL 8 WATER RISER



1
LEVEL 7 WATER RISER

NOTE: SHOCKTROL TO BE ZURN SERIES Z-1700 OR EQUAL. SIZE AS INDICATED ON WATER RISER DIAGRAM. PROVIDE ACCESS TO ALL SHOCKTROLS THRU ACCESS PANELS, LAY-IN CEILINGS, WALL IN CHASE.



Project Information:

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#	ISSUE	DATE
1	Addendum #02.1	02/17/21

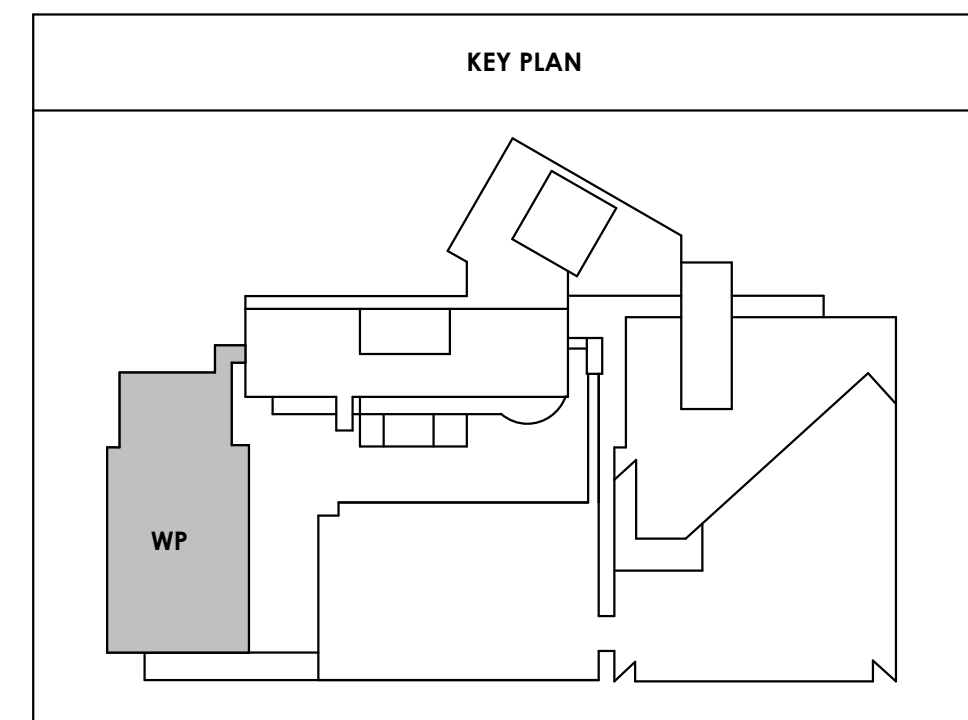
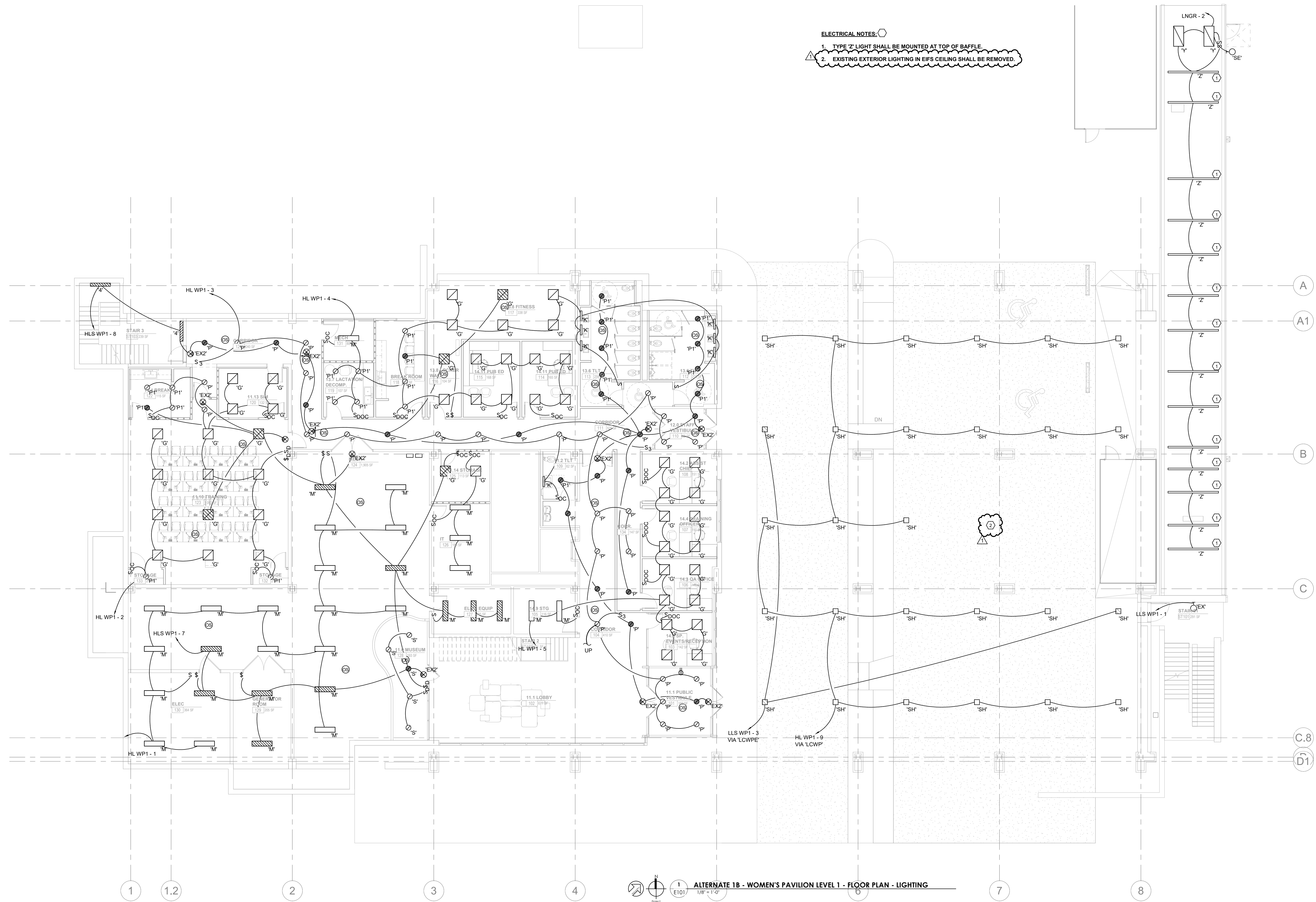
Issue Date:	FEBRUARY 01, 2021
PI:	DAVID COLLINS
PM:	JOHN THURMAN
PA:	LAUREN BUSH /
Drawn By:	CADD
Checked By:	EPV

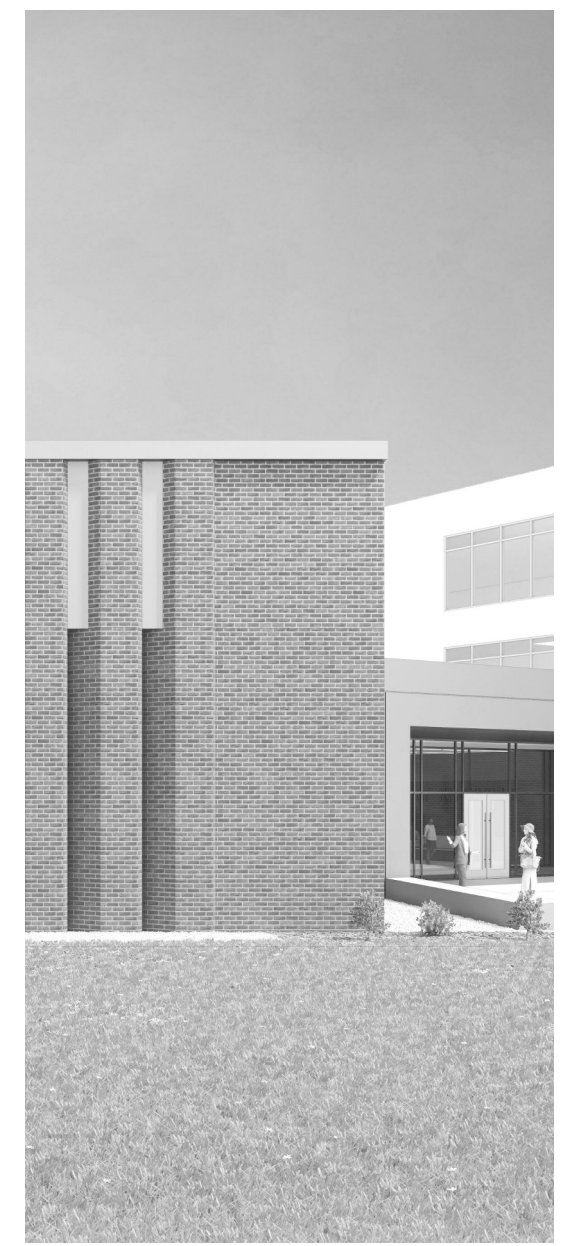
Drawing Info:

E101

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.





Project Information:

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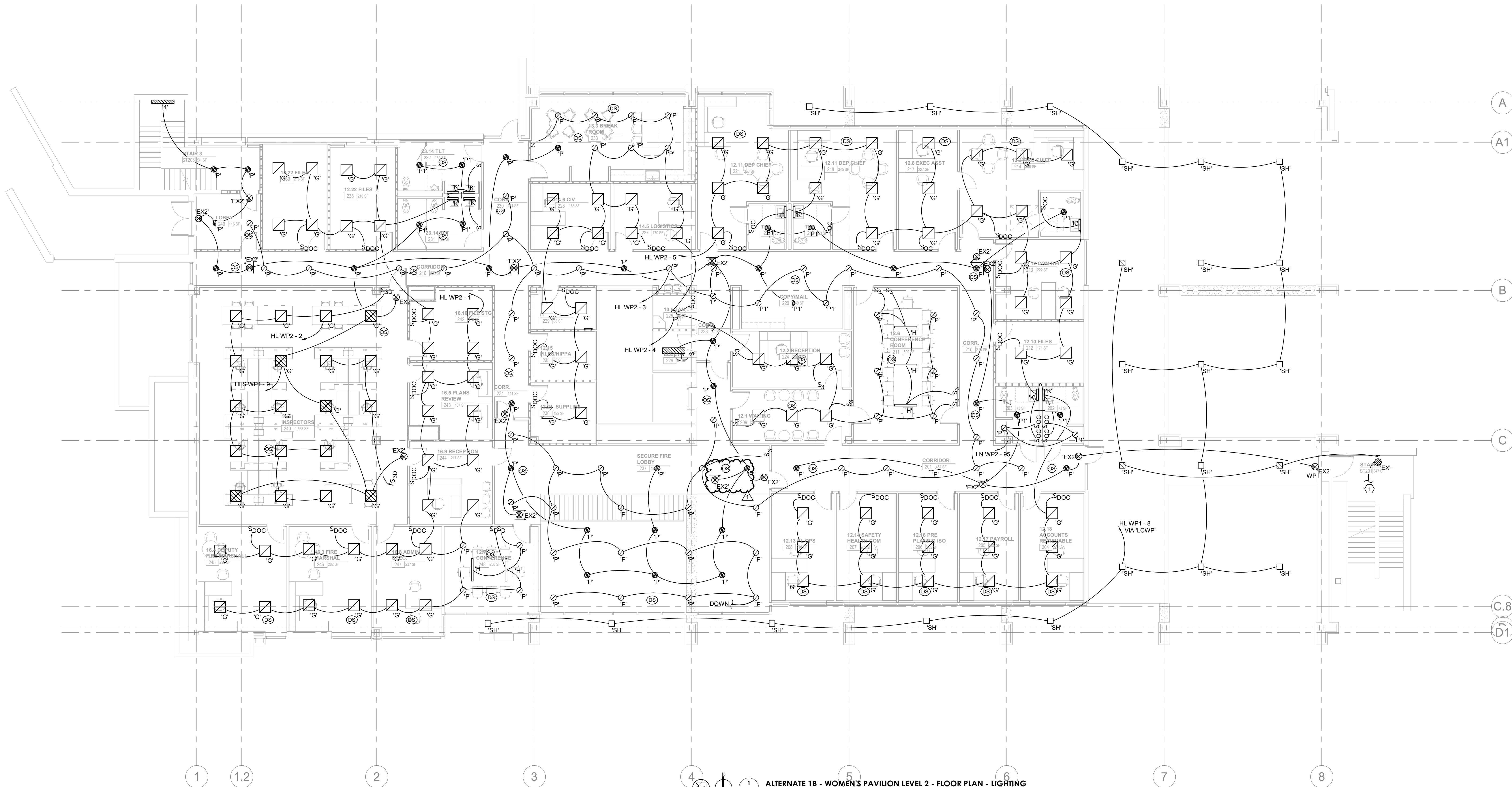
#	ISSUE	DATE
1	Addendum #02.1	02/17/21

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

Drawing Info:

E102

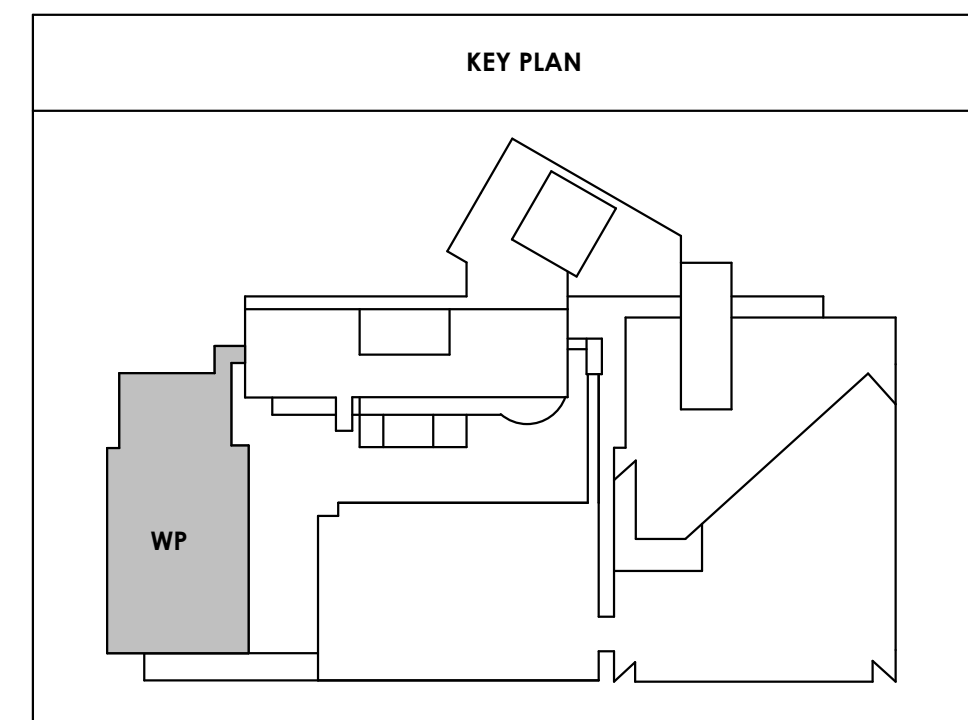
WP - SECOND LEVEL FLOOR PLAN - LIGHTING

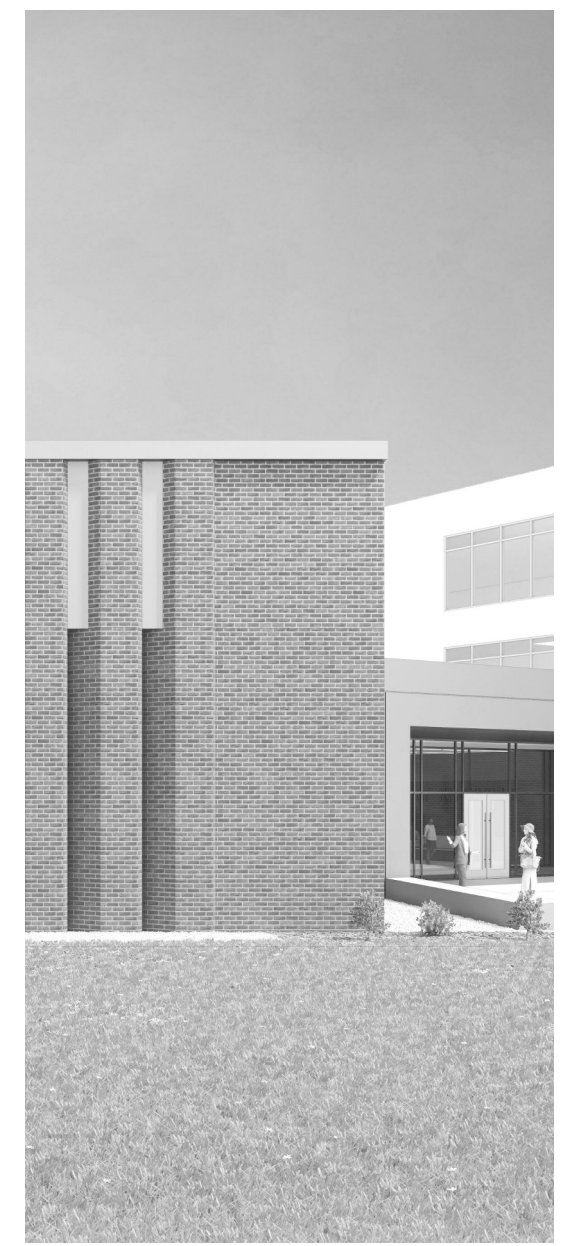


ALTERNATE 1B - WOMEN'S PAVILION LEVEL 2 - FLOOR PLAN - LIGHTING
1/8" = 1'-0"

ELECTRICAL NOTES:

- EXISTING FIXTURES IN THIS AREA SHALL REMAIN AND BE RE-CIRCUITED TO NEW ELECTRICAL DISTRIBUTION SYSTEM. REFERENCE SHEET E105 FOR CIRCUIT INFORMATION





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

Drawing Info:

E110.1

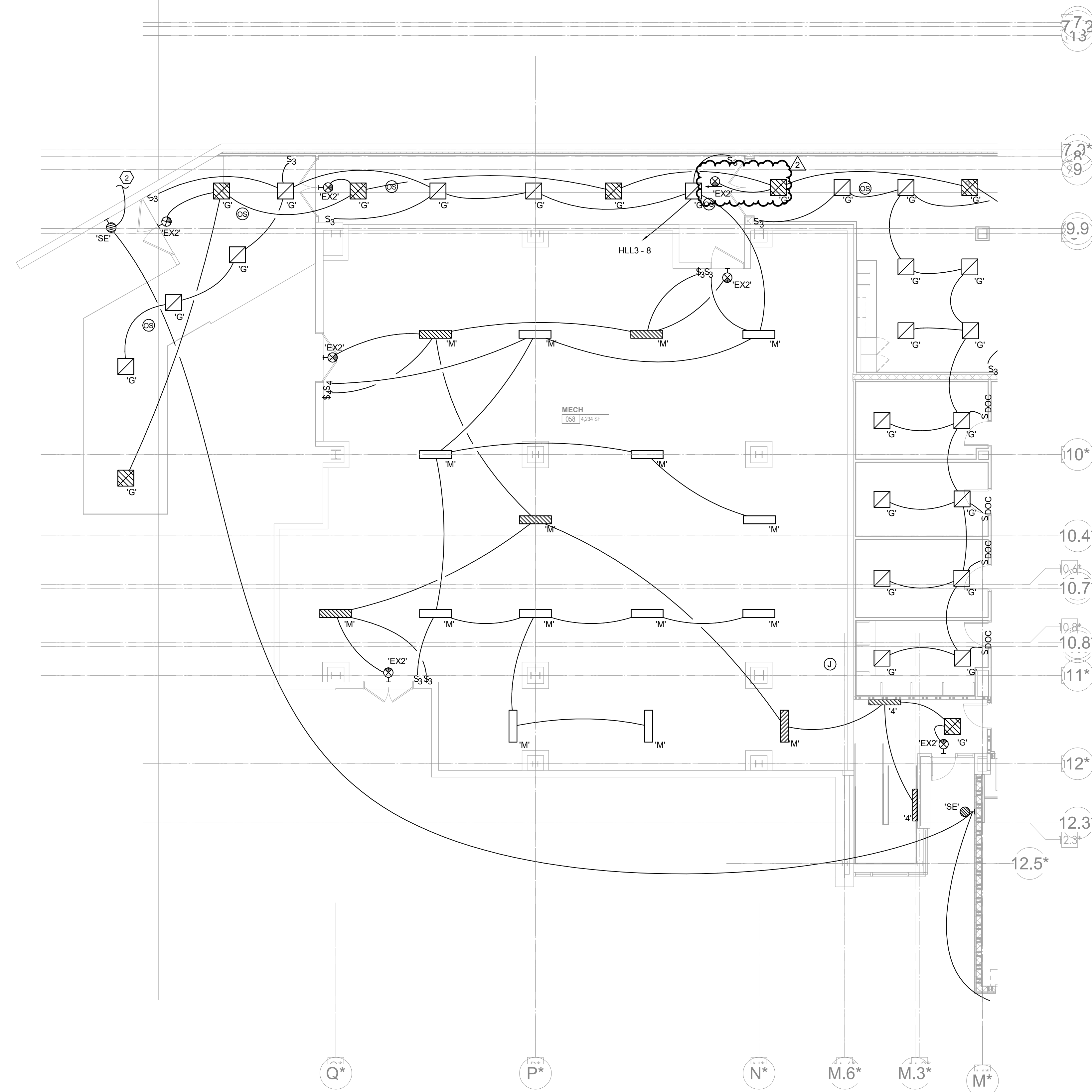
CA - LEVEL LL3 A
FLOOR PLAN -
LIGHTING

GENERAL NOTES:

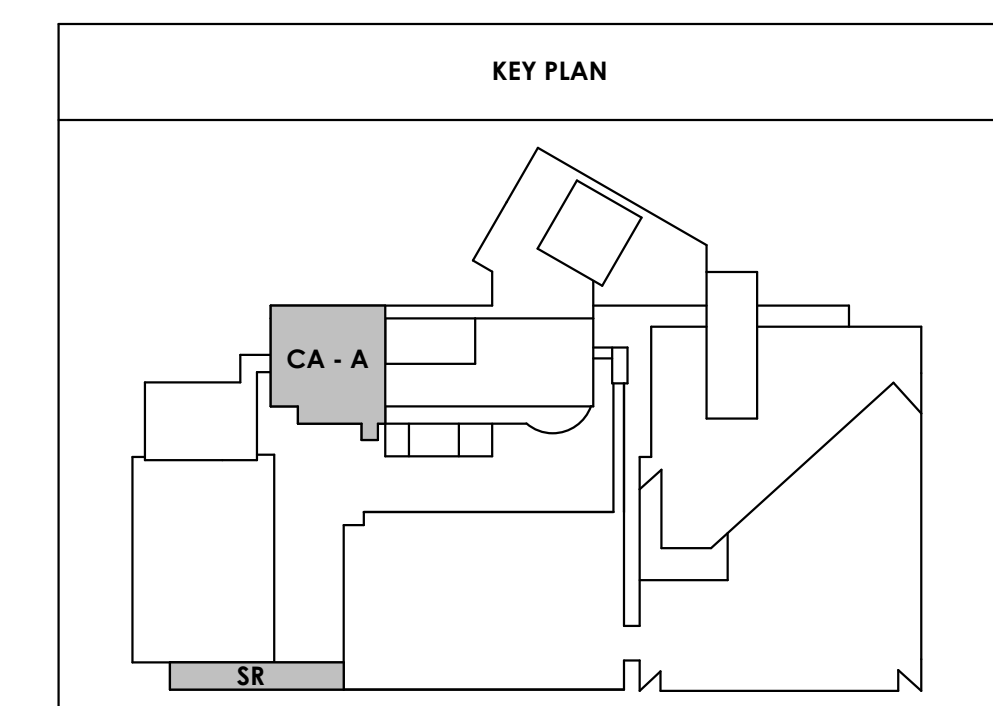
- A. PROVIDE LIGHTING CONTROLS TO MEET OR EXCEED IECC 2018 AND ALL OTHER APPLICABLE LOCAL, STATE, AND FEDERAL CODES FOR INTERIOR AND EXTERIOR LIGHTING. EXTERIOR LIGHTING SHALL HAVE A 30% SETBACK FROM MIDNIGHT TO 6AM AND DECORATIVE FACADE AND LANDSCAPE LIGHTING BE TURNED OFF FROM MIDNIGHT TO 6AM. FOR 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.

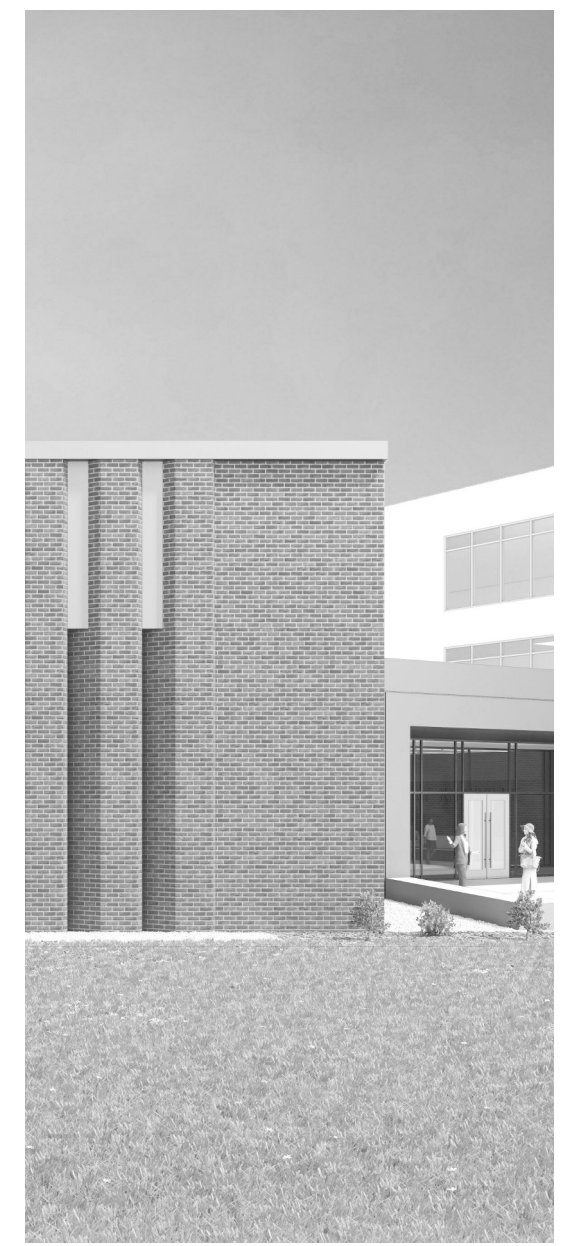
ELECTRICAL NOTES:

1. REFERENCE E110.2 FOR CONTINUATION OF CIRCUIT.
2. REFERENCE E111.1 FOR CONTINUATION OF CIRCUIT.



CENTRAL ANNEX - LEVEL LL3 A FLOOR PLAN - LIGHTING
E110.1
1/8" = 1'-0"





Project Information:

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

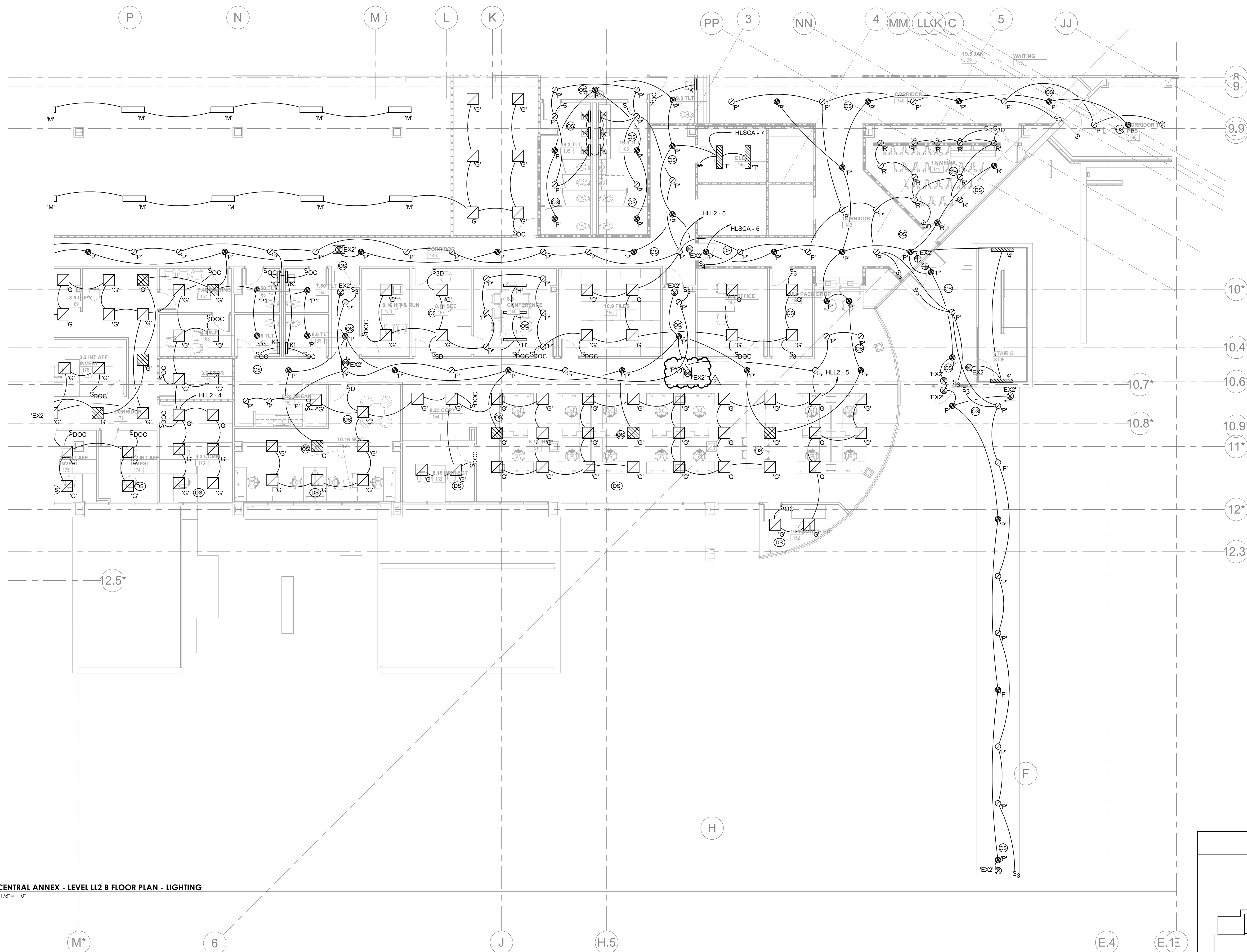
Drawing Info:

E111.2

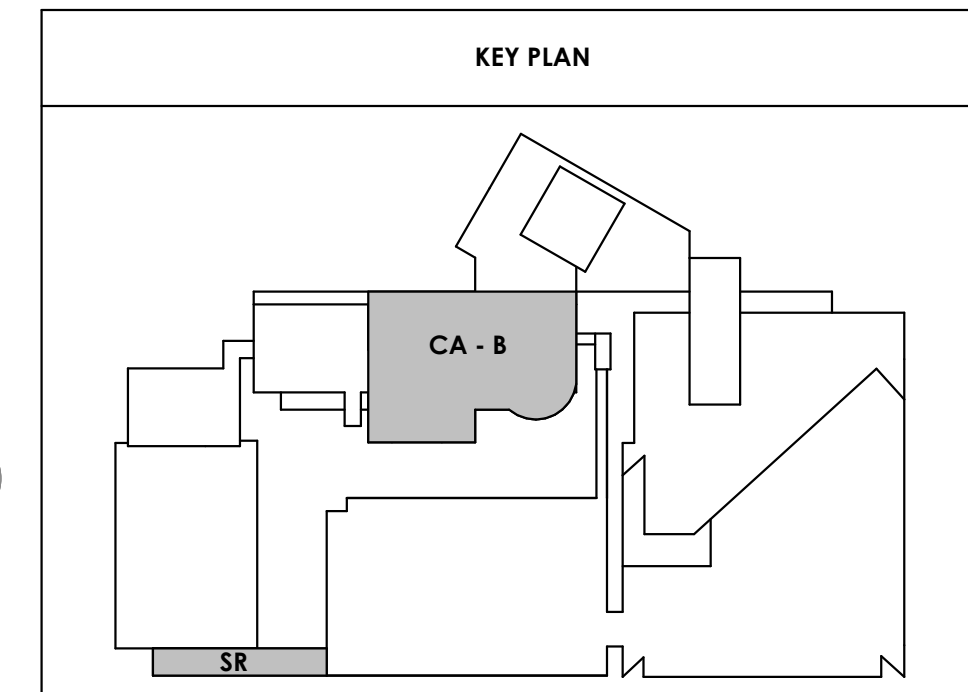
CA - LEVEL LL2 B
FLOOR PLAN -
LIGHTING

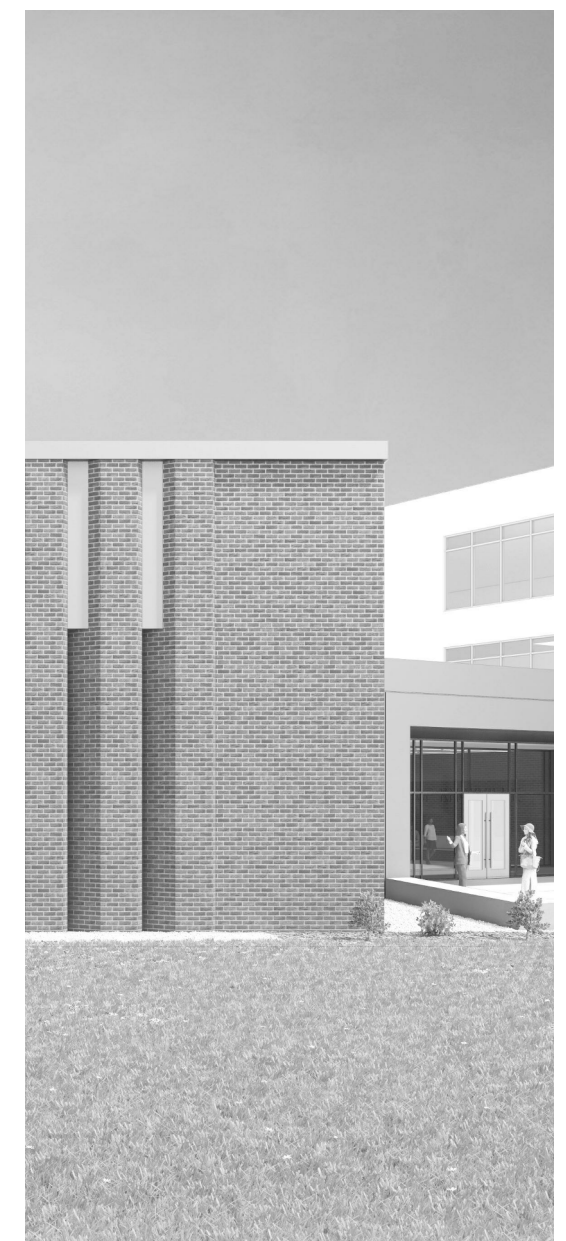
GENERAL NOTES:

- 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.



1 E111.2 1/8" = 1'-0"
CENTRAL ANNEX - LEVEL LL2 B FLOOR PLAN - LIGHTING





Project Information:

19018

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#	ISSUE	DATE
2	Addendum 02.1	02/17/21

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

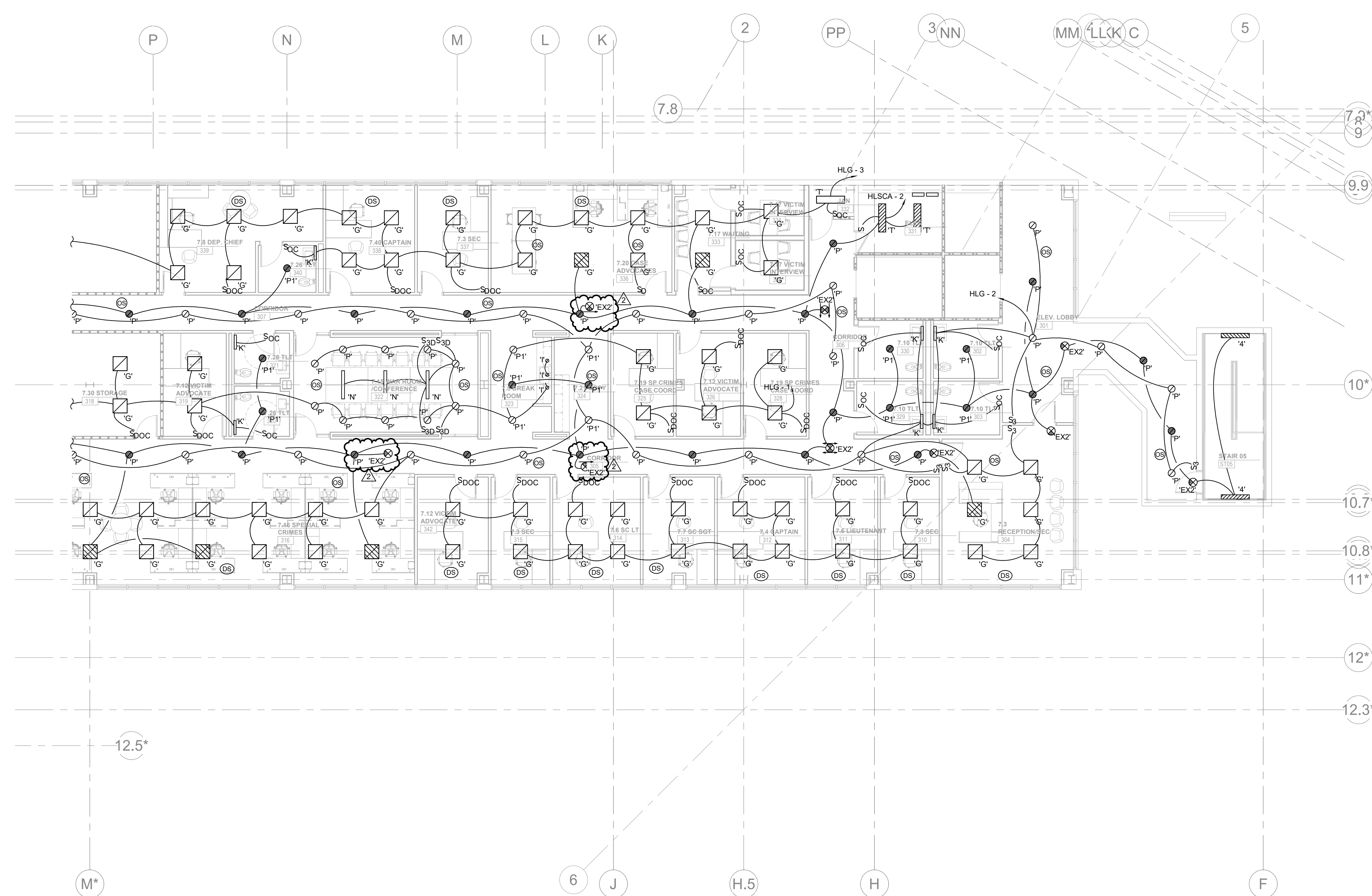
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E113.2

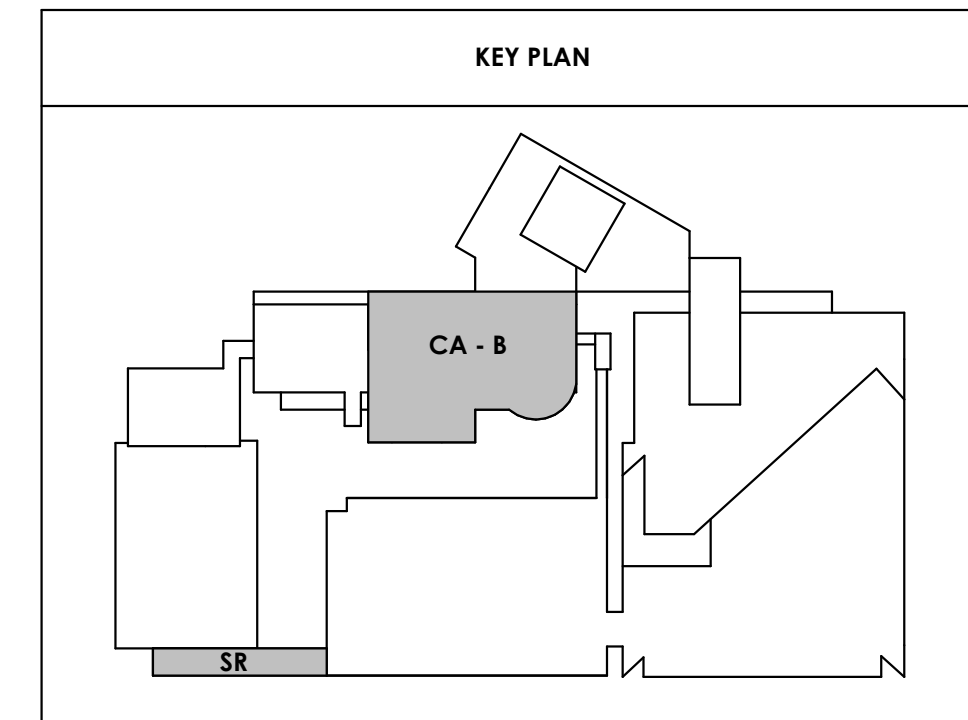
CA - LEVEL GROUND B FLOOR PLAN - LIGHTING

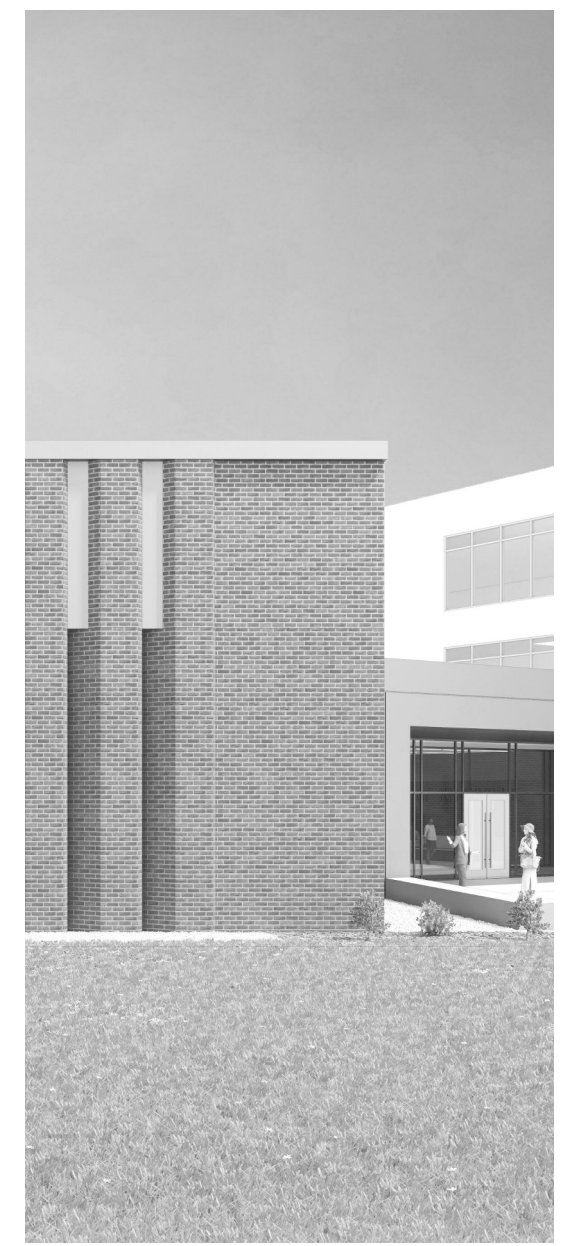
GENERAL NOTES:

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.



E113.2 CENTRAL ANNEX - GROUND LEVEL B FLOOR PLAN - LIGHTING
1/8" = 1'-0"





Project Information:
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900 East Oak Hill Ave, Knoxville, TN

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Consultant:



#	ISSUE	DATE
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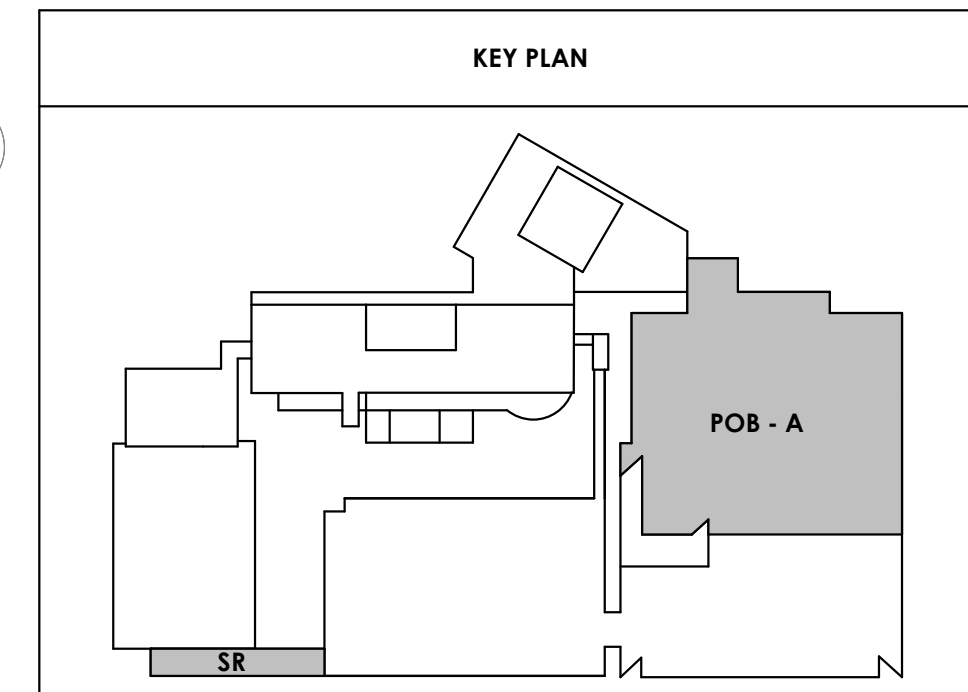
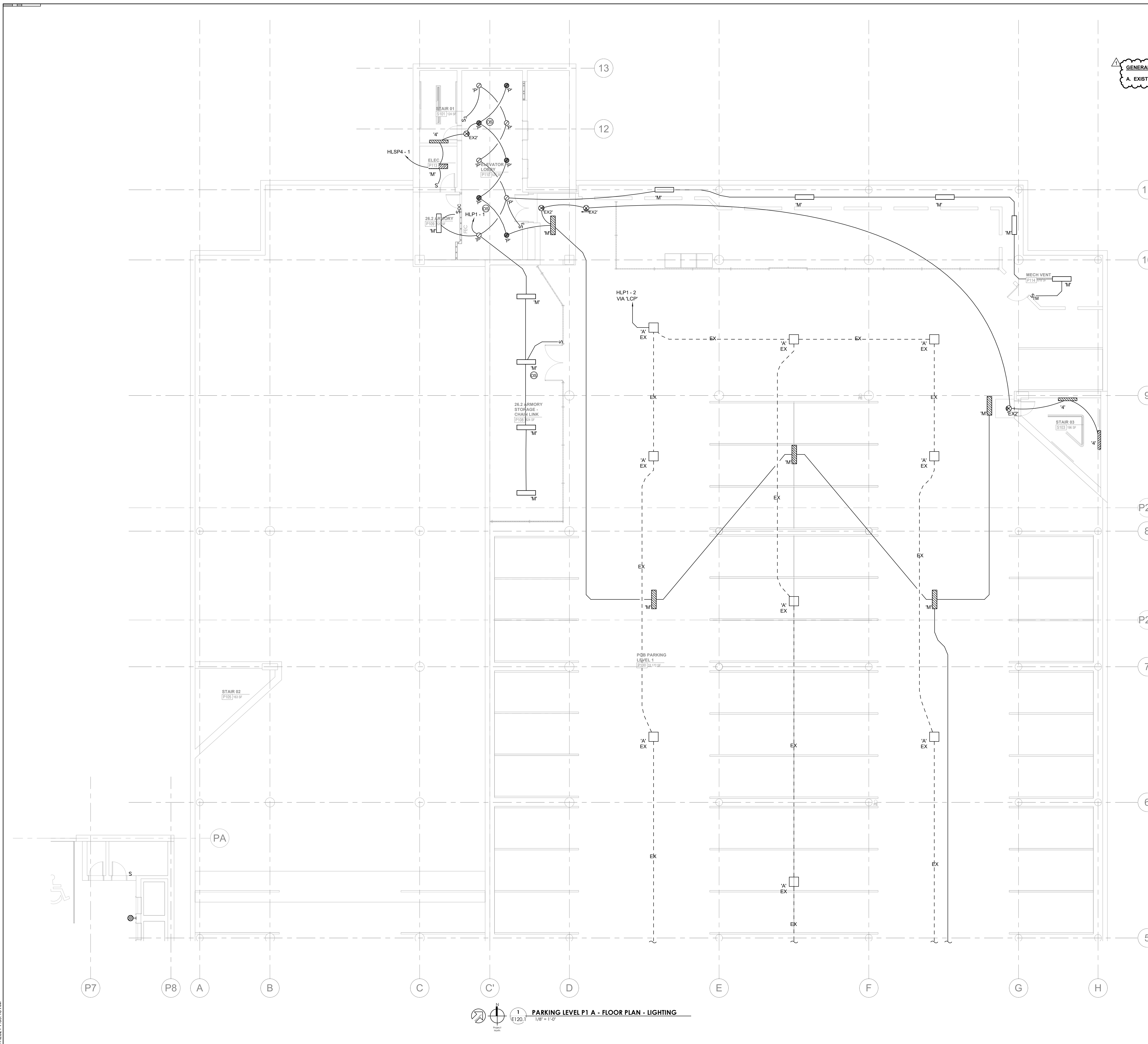
Issue Date:	FEBRUARY 1, 2021
PI:	DAVID COLLINS
PM:	JOHN THURMAN
PA:	LAUREN BUSH /
Drawn By:	CADD
Checked By:	EPV

Drawing Info:

E120.1

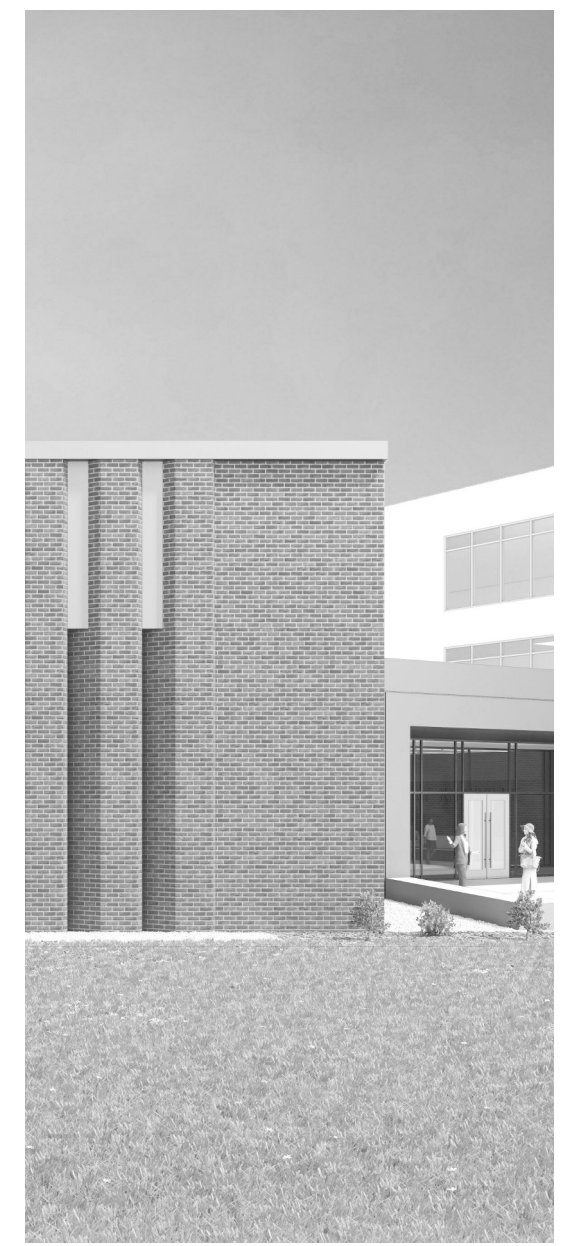
PARKING LEVEL P1 A - LIGHTING

GENERAL NOTES:
A. EXISTING PARKING GARAGE LIGHTING SHALL BE REMOVED.



PARKING LEVEL P1 A - FLOOR PLAN - LIGHTING
1
E120.1
1/8" = 1'-0"

2/17/2021 7:38:16 AM



Project Information:

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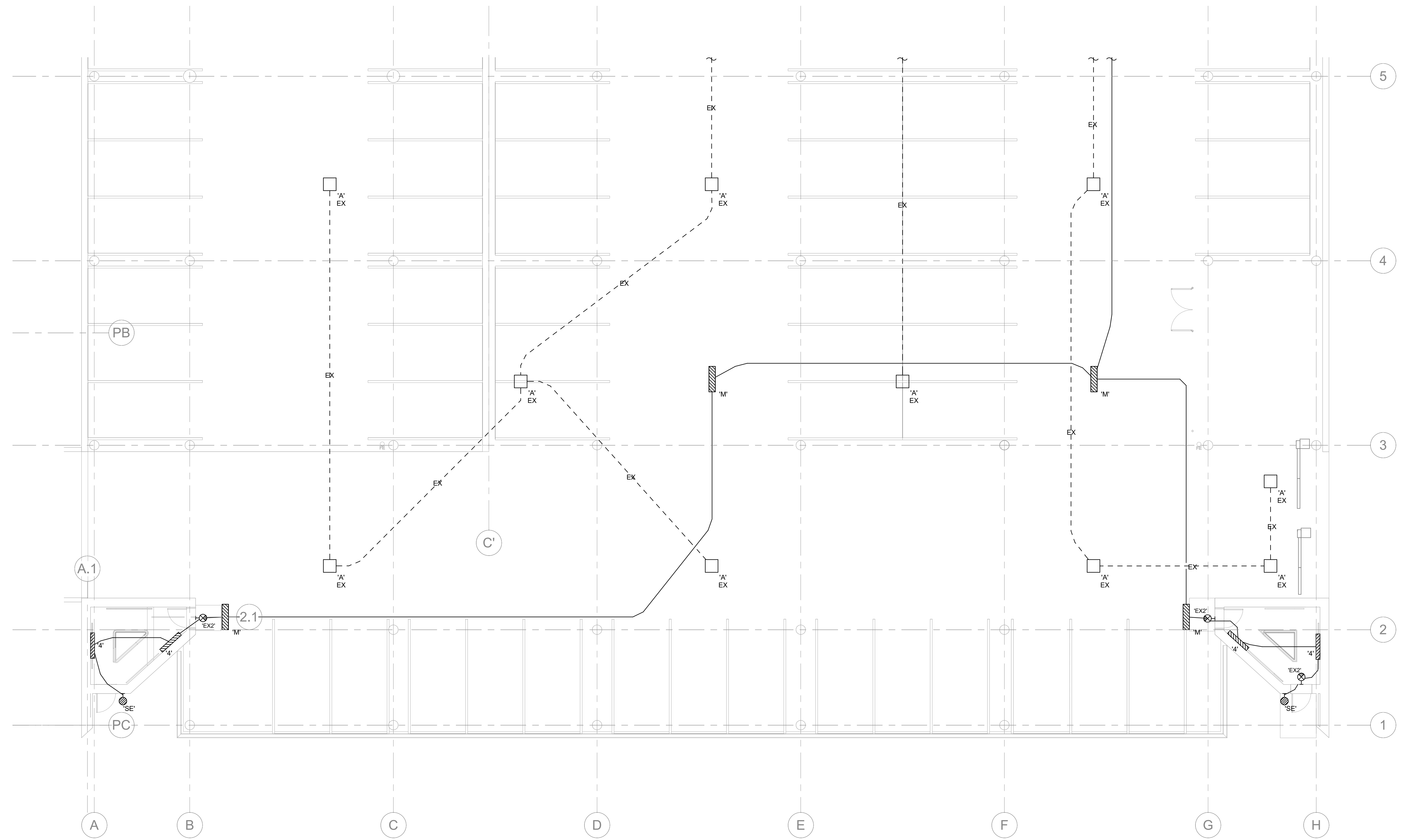
Issue Date: FEBRUARY 1, 2021
PIC: DAVID COLLINS
PM: JOHN THURMAN
PA: LAUREN BUSH /
Drawn By: CADD
Checked By: EPV

Drawing Info:

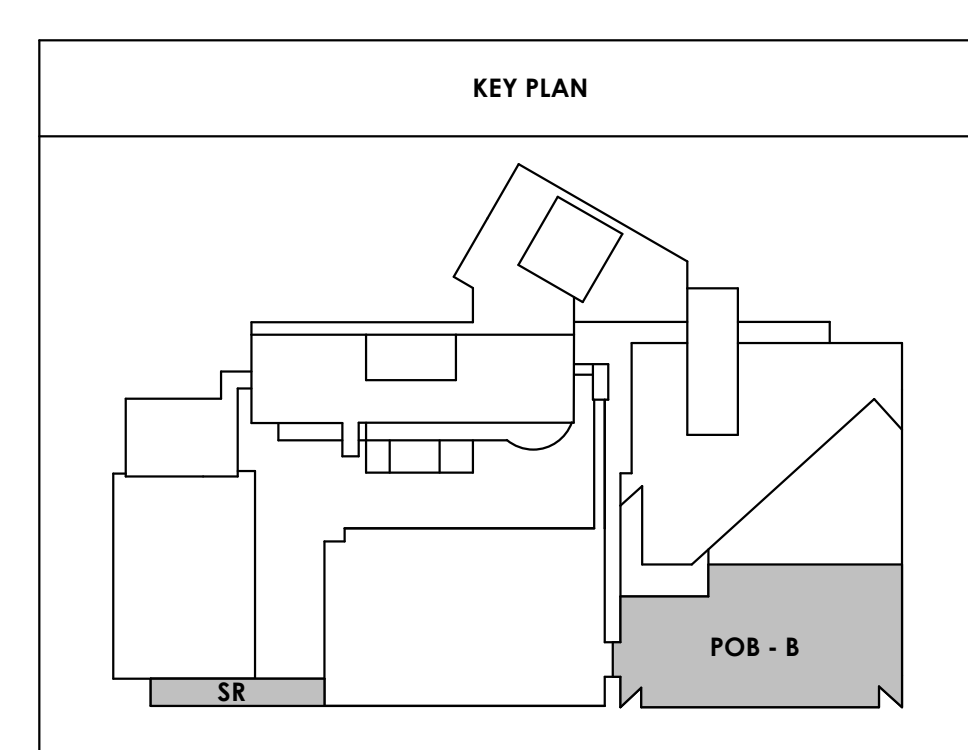
E120.2

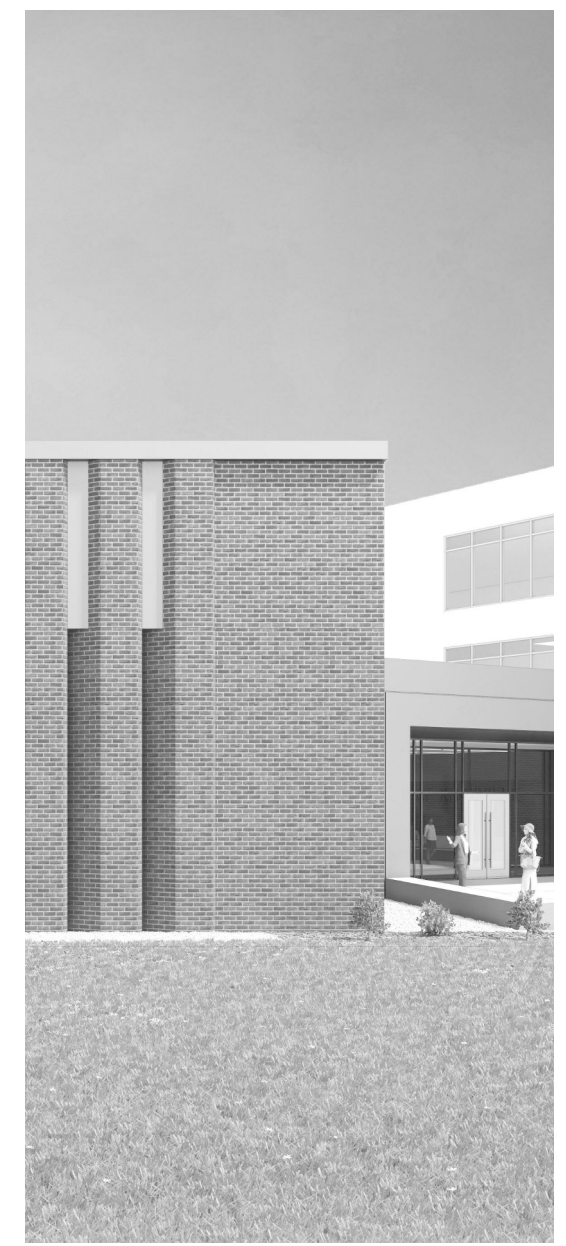
PARKING LEVEL P1 B - LIGHTING

GENERAL NOTES:
A. EXISTING PARKING GARAGE LIGHTING SHALL BE REMOVED.



E120.2 PARKING LEVEL P1 B - FLOOR PLAN - LIGHTING
1/8" = 1'-0"





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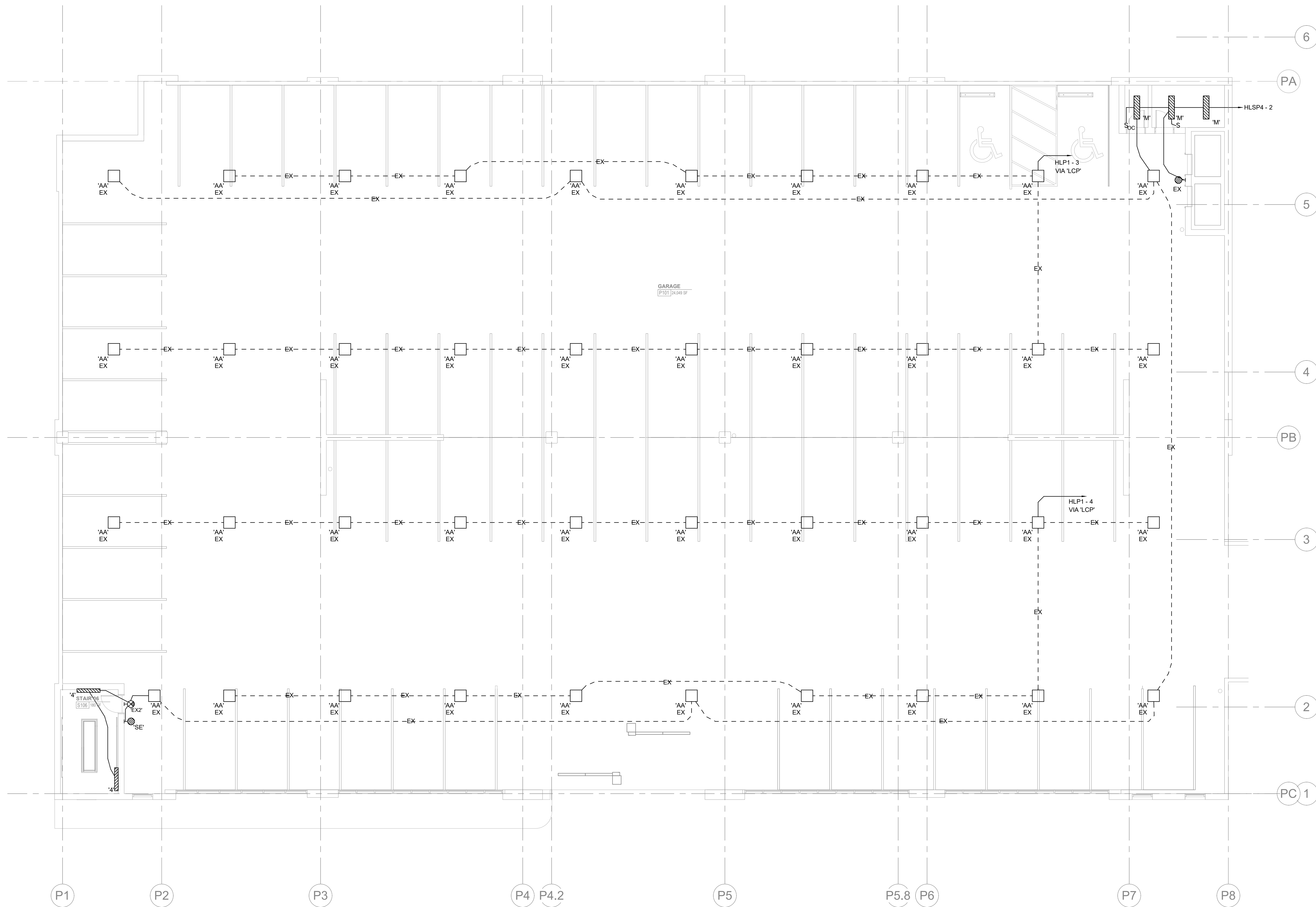
Issue Date:	FEBRUARY 1, 2021
PI:	DAVID COLLINS
PM:	JOHN THURMAN
PA:	LAUREN BUSH /
Drawn By:	CADD
Checked By:	EPV

Drawing Info:

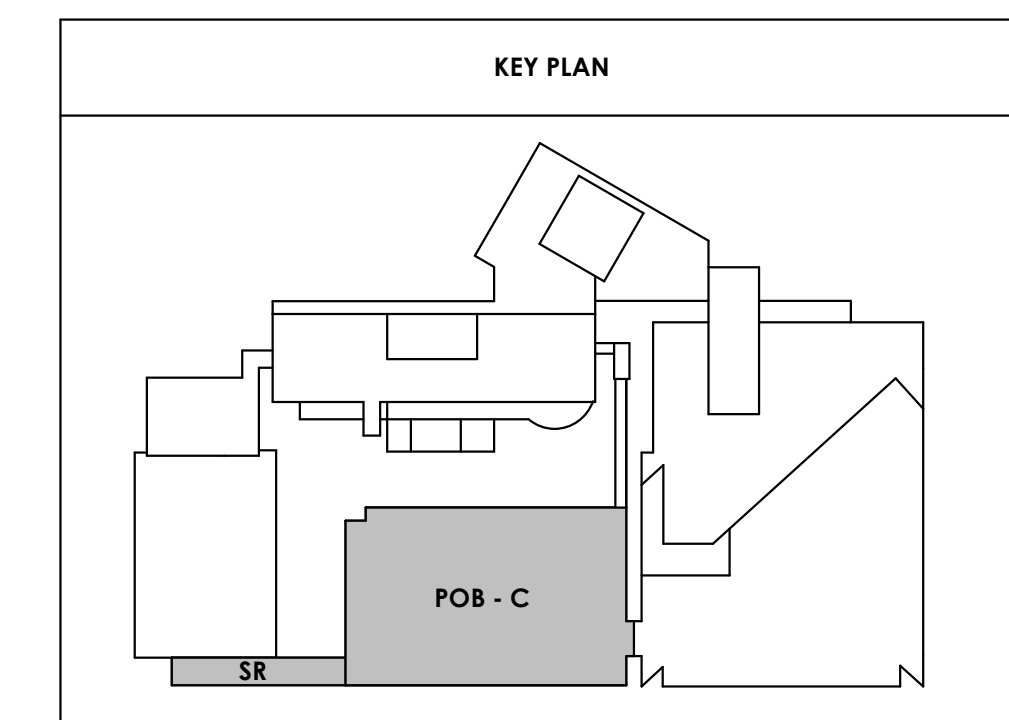
E120.3

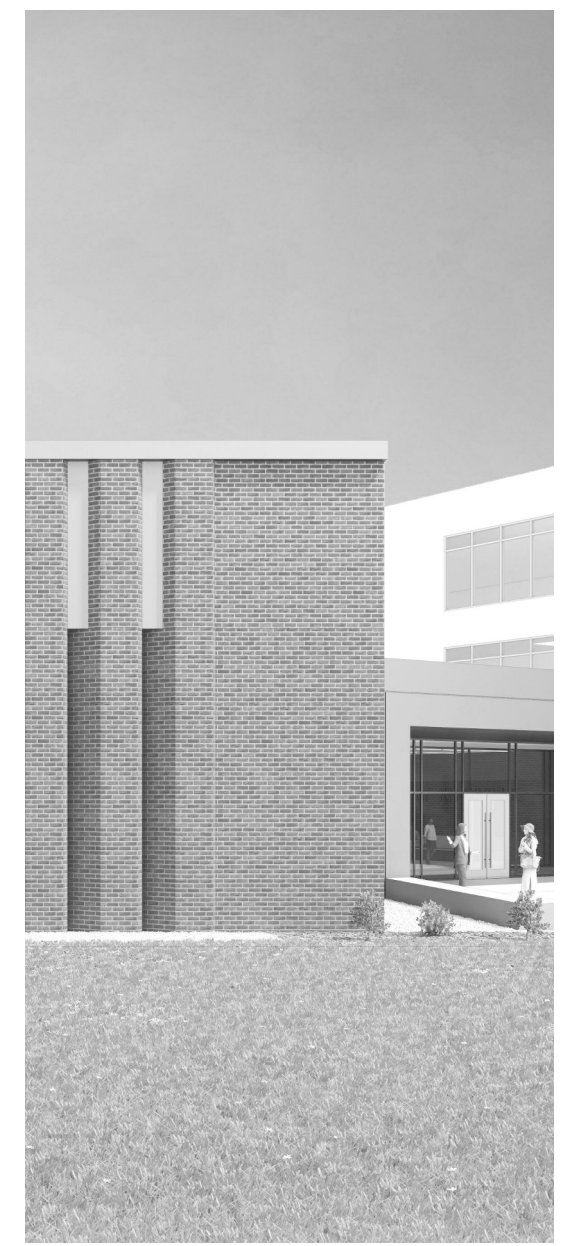
PARKING LEVEL P1 C - LIGHTING

GENERAL NOTES:
A. EXISTING PARKING GARAGE LIGHTING SHALL BE REMOVED.



PARKING LEVEL P1 C - FLOOR PLAN - LIGHTING
1/8" = 1'-0"





Project Information:
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Seal:



Consultant:



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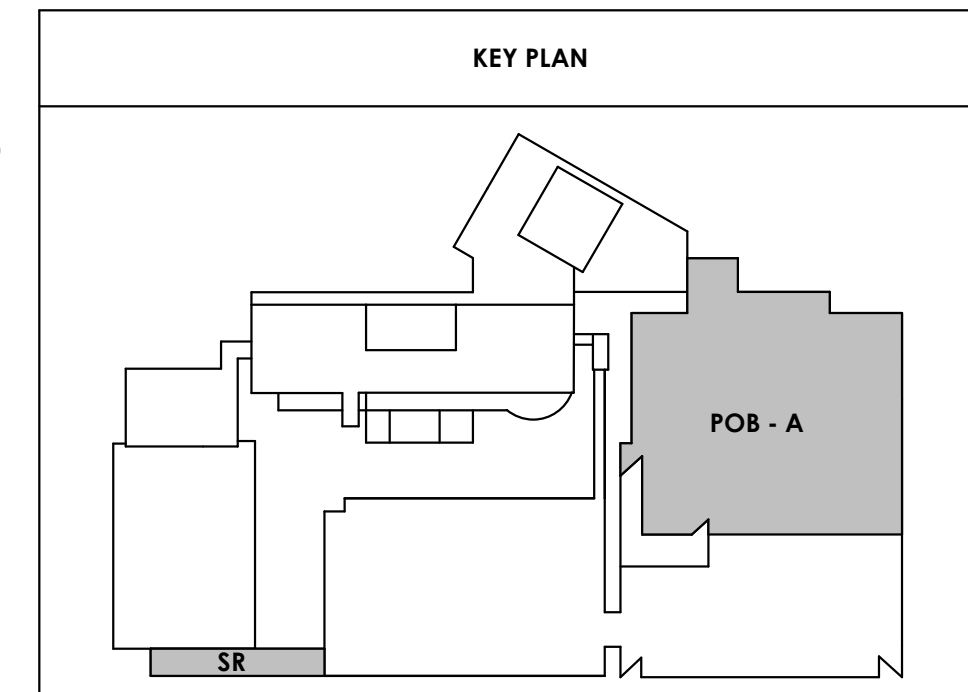
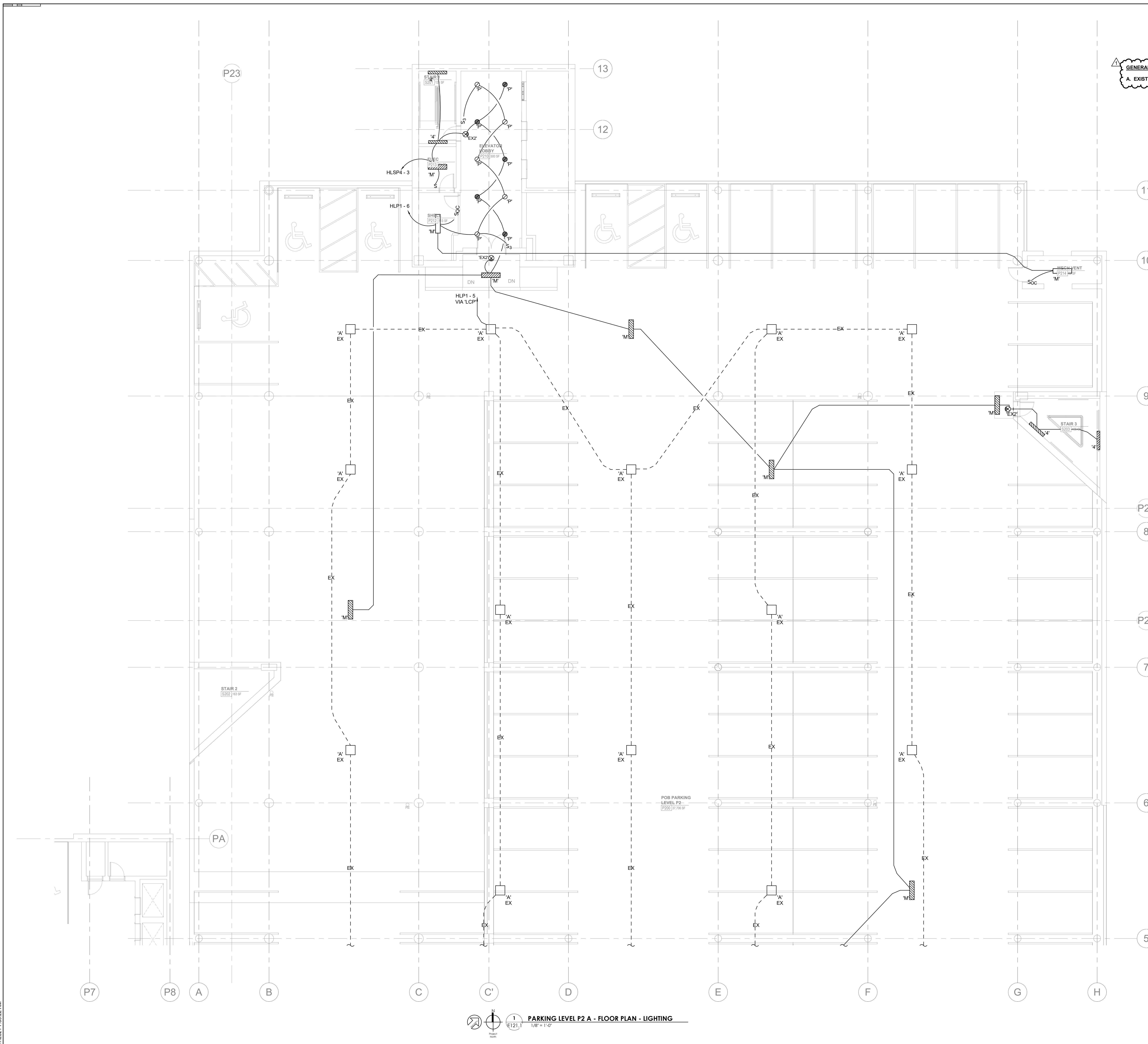
Issue Date:	FEBRUARY 1, 2021
PI:	DAVID COLLINS
PM:	JOHN THURMAN
PA:	LAUREN BUSH /
Drawn By:	CADD
Checked By:	EPV

Drawing Info:

E121.1

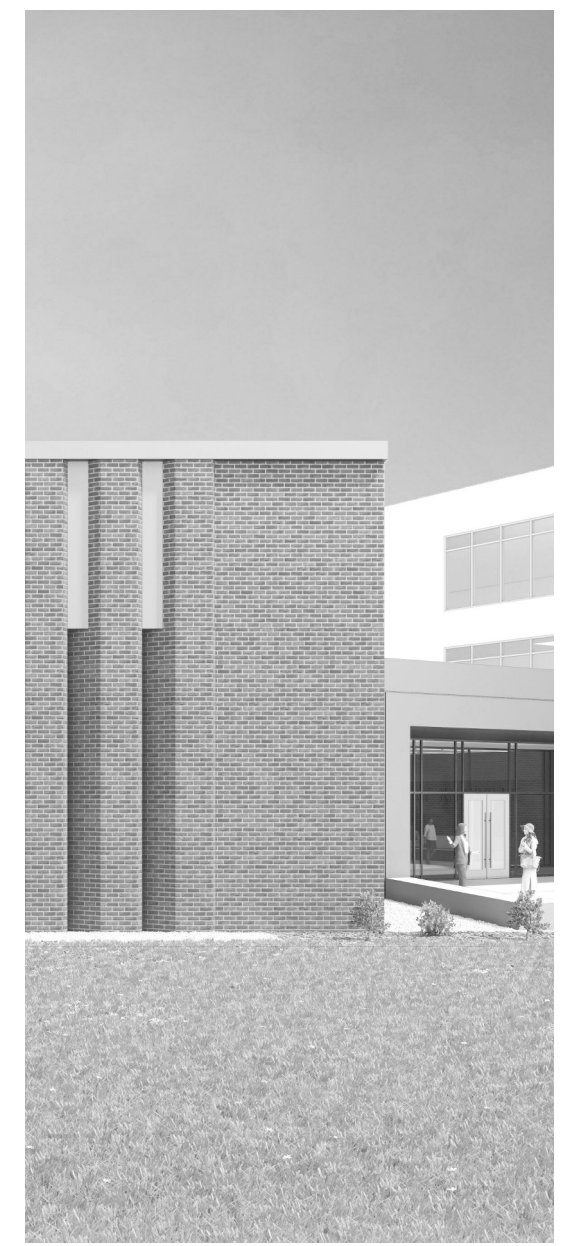
PARKING LEVEL P2 A - LIGHTING

GENERAL NOTES:
A. EXISTING PARKING GARAGE LIGHTING SHALL BE REMOVED.



PARKING LEVEL P2 A - FLOOR PLAN - LIGHTING
1/8" = 1'-0"
E121.1

2/17/2021 7:58:22 AM



Project Information:

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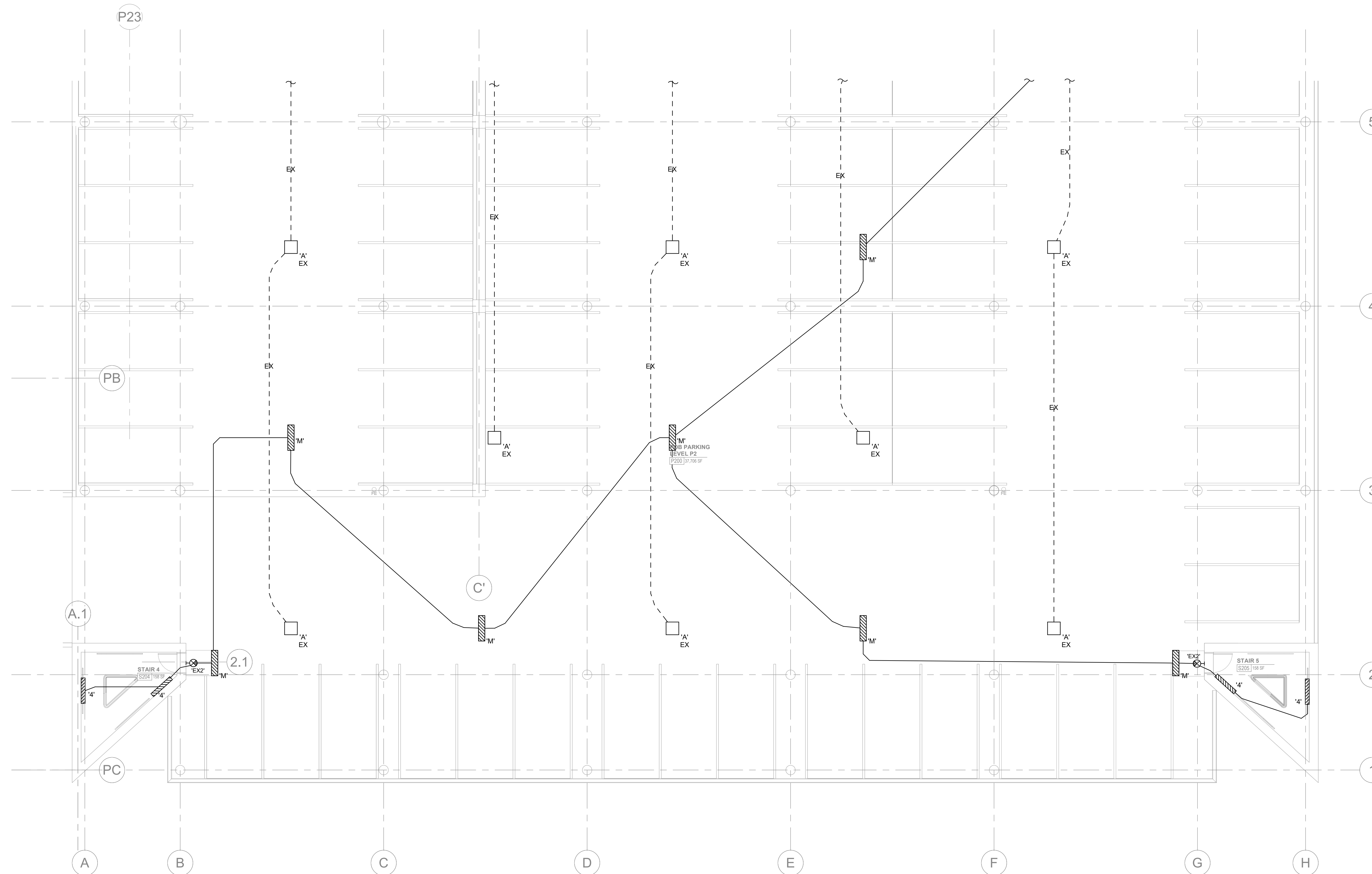
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Drawn By:	CADD
Checked By:	EPV

Drawing Info:

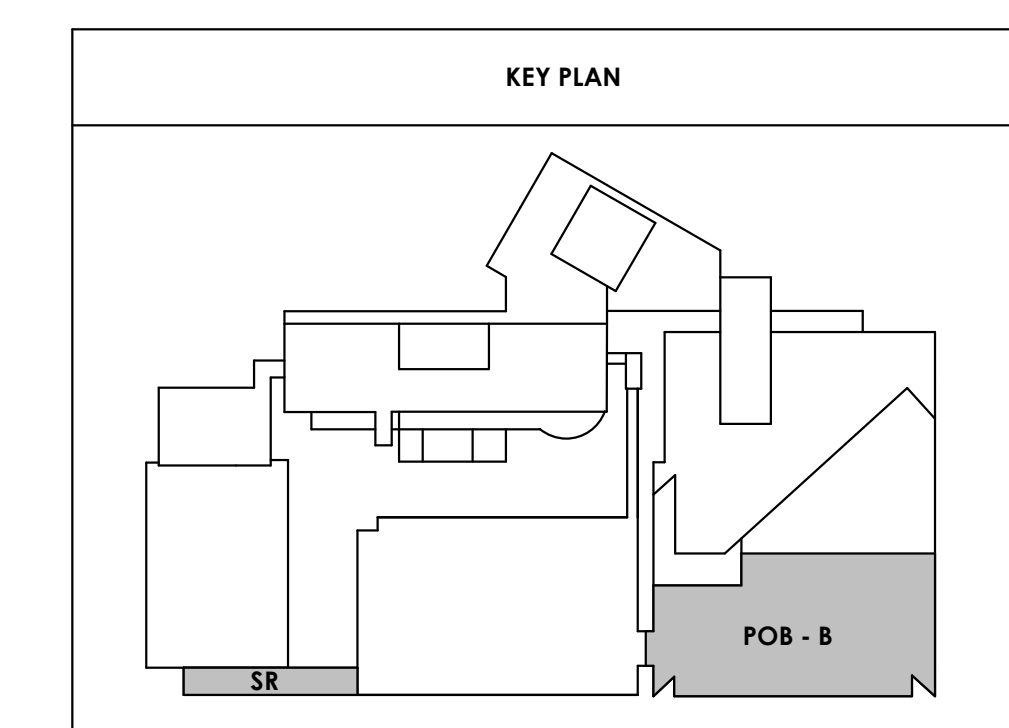
E121.2

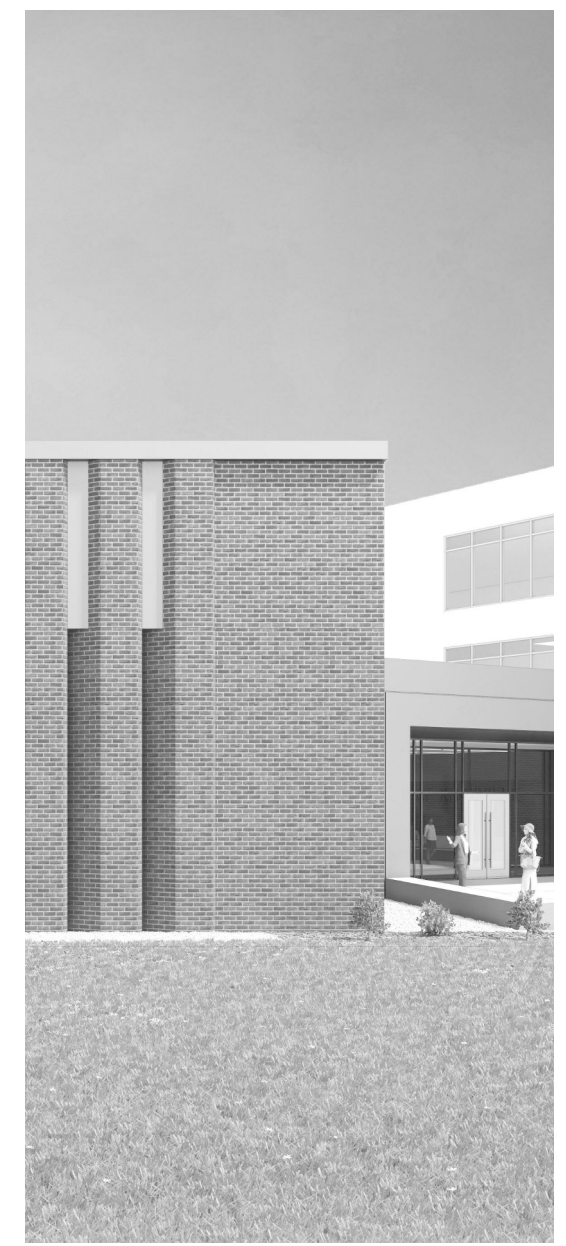
PARKING LEVEL P2 B - LIGHTING

GENERAL NOTES:
A. EXISTING PARKING GARAGE LIGHTING SHALL BE REMOVED.



E121.2
1/8" = 1'-0"
PARKING LEVEL P2 B - FLOOR PLAN - LIGHTING





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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PHONE (865) 525-3488
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#	ISSUE	DATE
1	Addendum #02.1	02/17/21

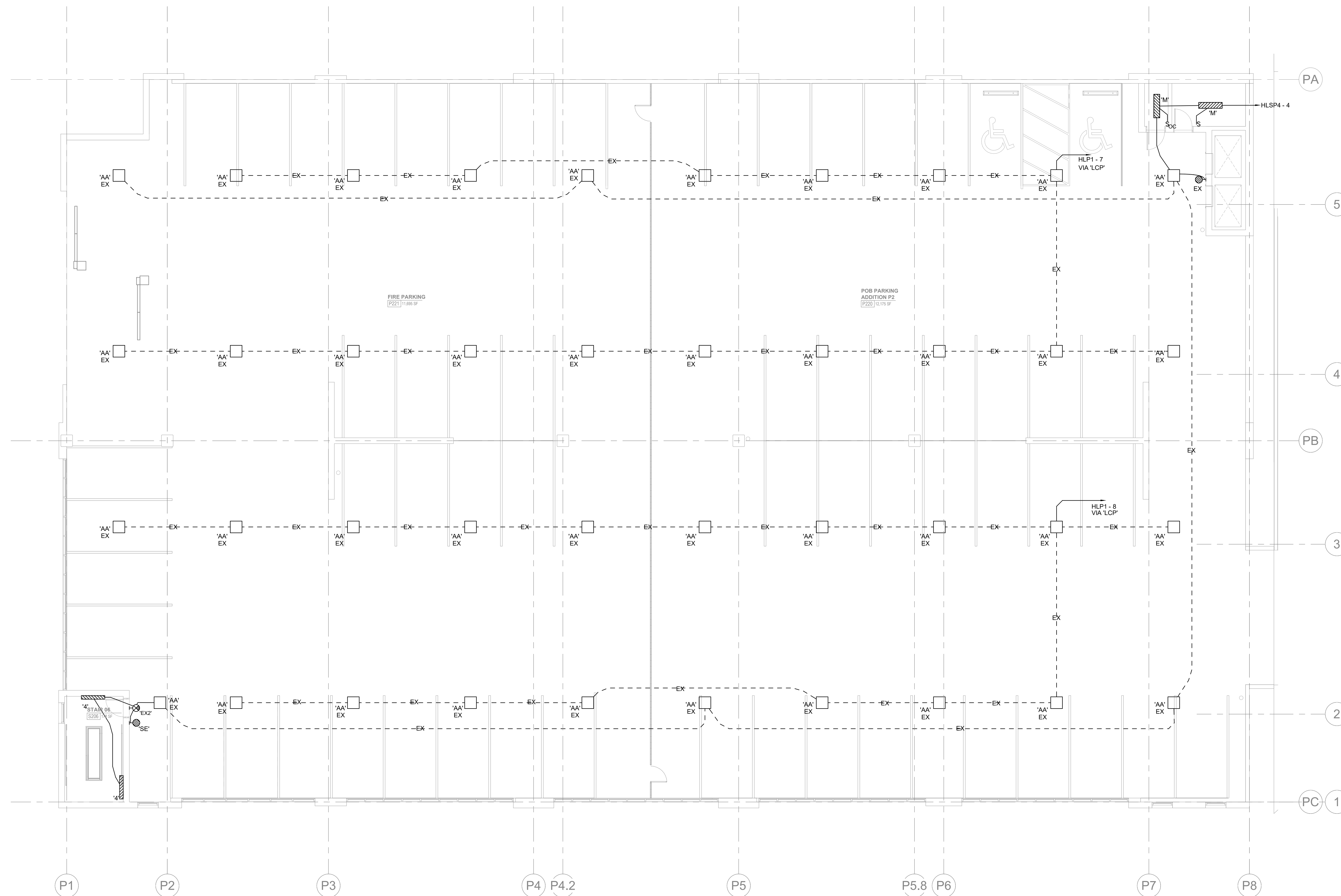
Issue Date:	FEBRUARY 1, 2021
PI:	DAVID COLLINS
PM:	JOHN THURMAN
PA:	LAUREN BUSH /
Drawn By:	CADD
Checked By:	EPV

Drawing Info:

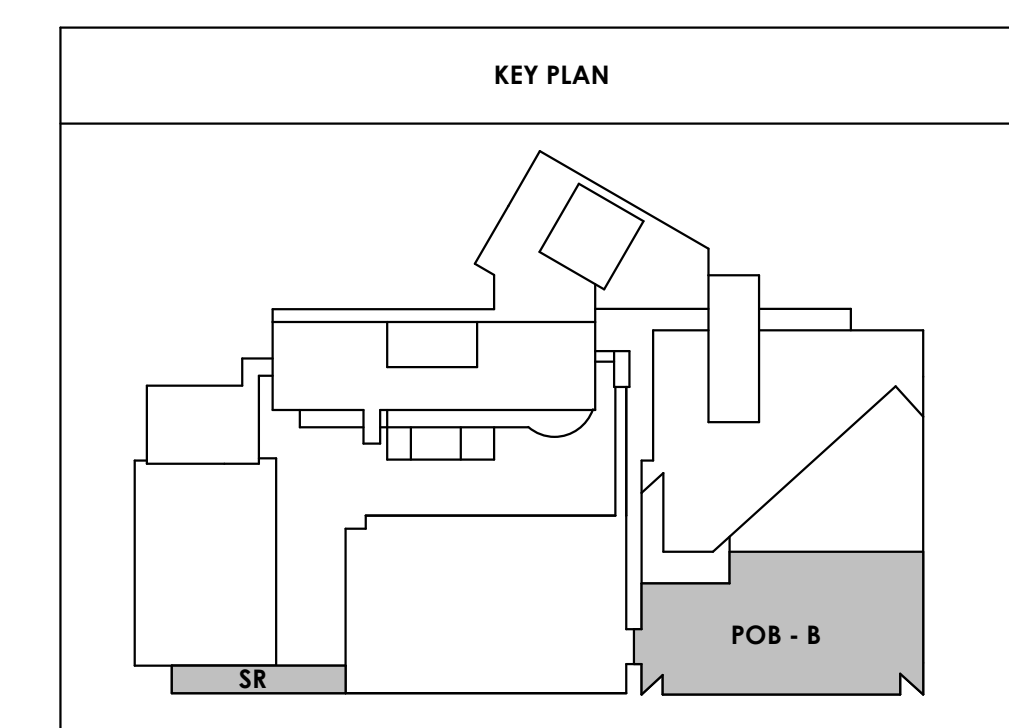
E121.3

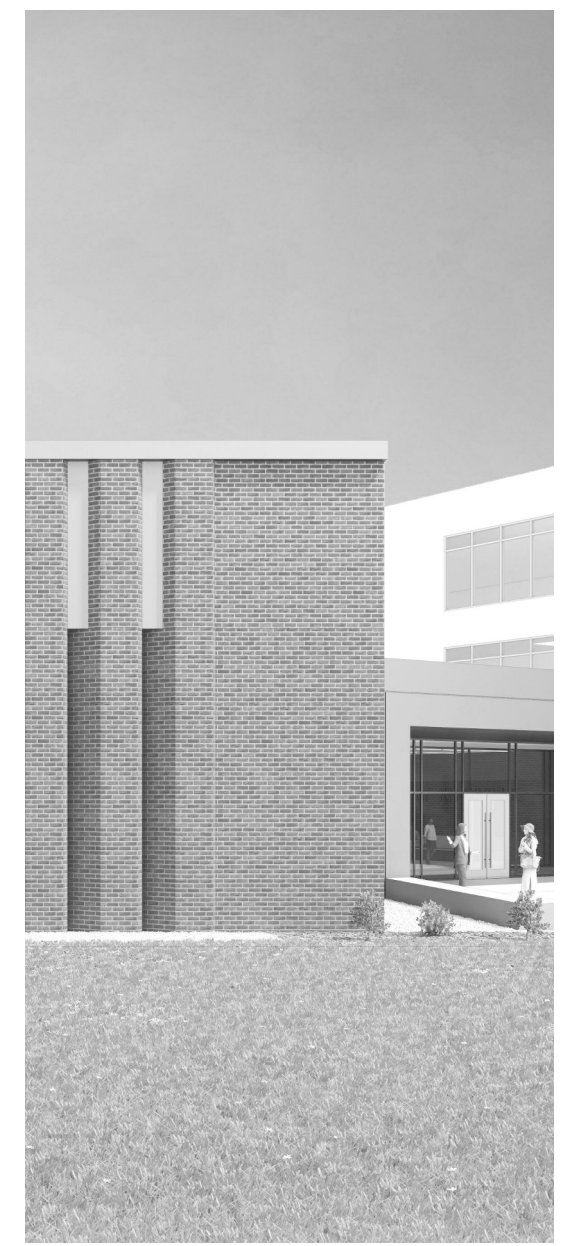
PARKING LEVEL P2 C - LIGHTING

GENERAL NOTES:
A. EXISTING PARKING GARAGE LIGHTING SHALL BE REMOVED.



E121.3
1
1/8" = 1'-0"
PARKING LEVEL P2 C - FLOOR PLAN - LIGHTING





Project Information:
19018

COK SAFETY BUILDING
900 East Oak Hill Ave, Knoxville, TN

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#	ISSUE	DATE
1	Addendum #02.1	02/17/21

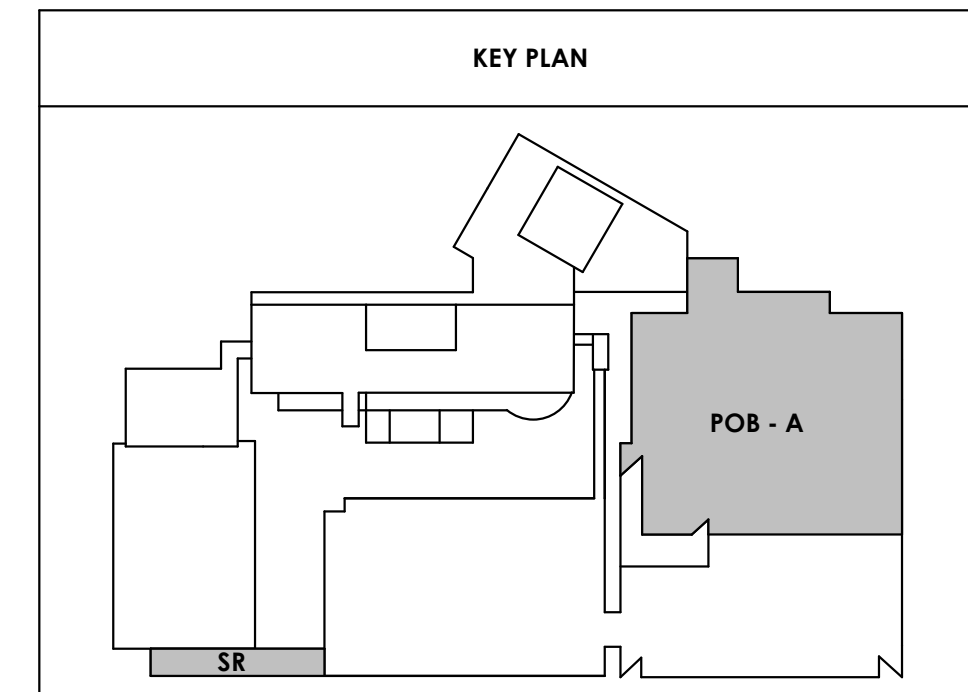
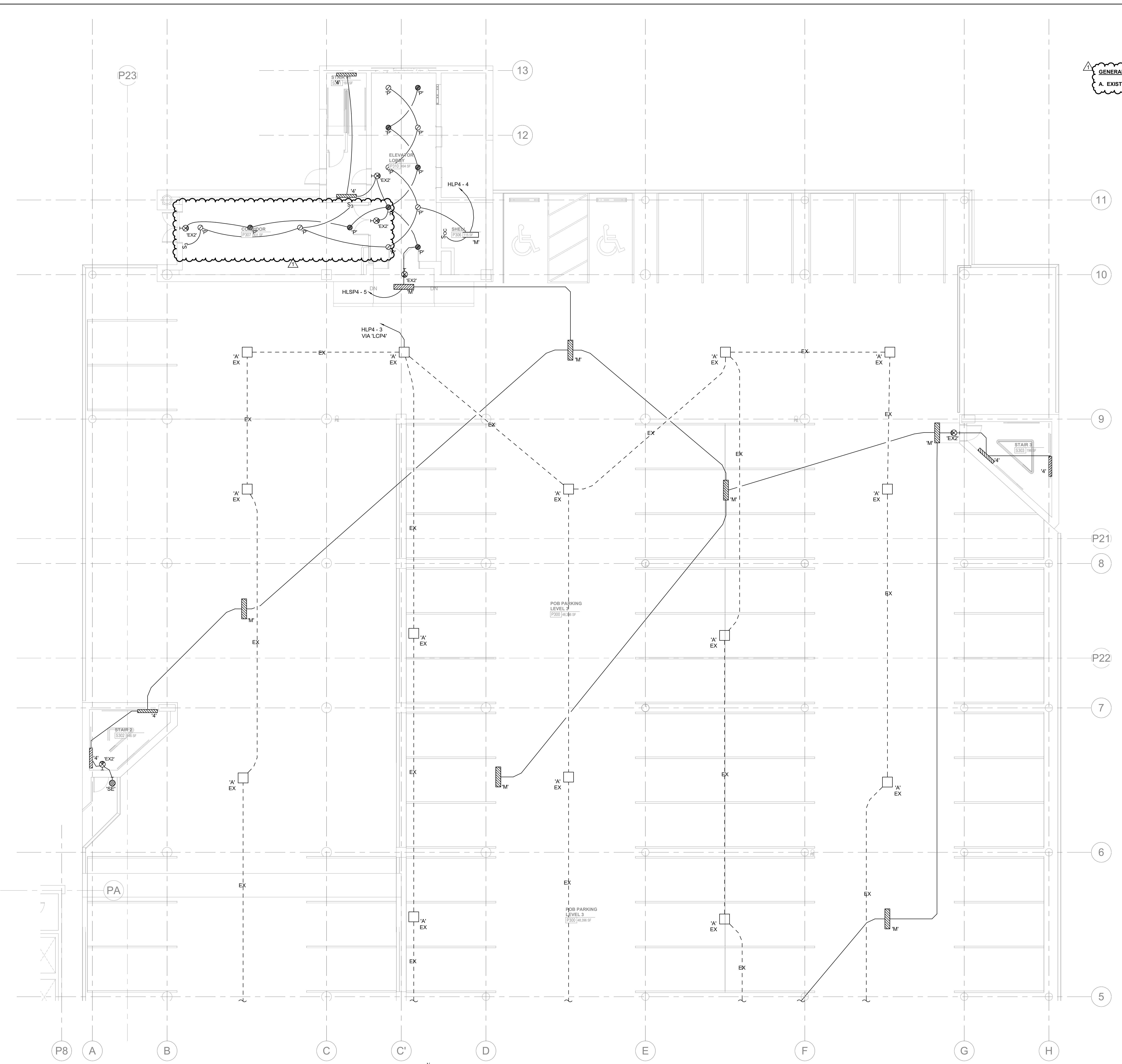
Issue Date: FEBRUARY 1, 2021
PIC: DAVID COLLINS
PM: JOHN THURMAN
PA: LAUREN BUSH /
Drawn By: CADD
Checked By: EPV

Drawing Info:

E122.1

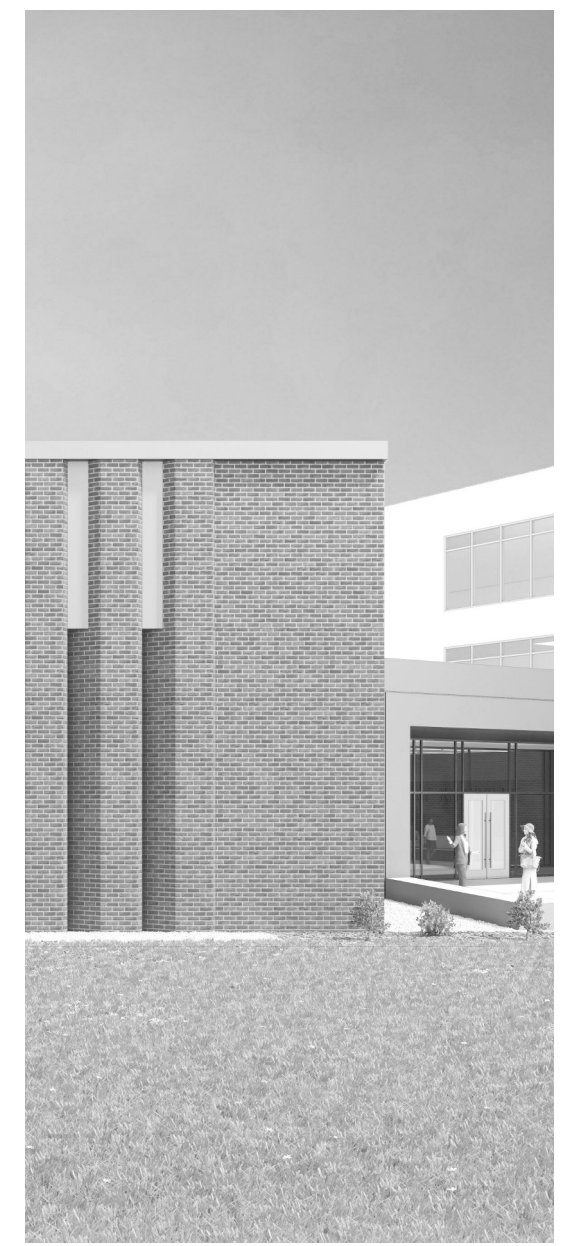
PARKING LEVEL P3 A - LIGHTING

GENERAL NOTES:
A. EXISTING PARKING GARAGE LIGHTING SHALL BE REMOVED.



PARKING LEVEL P3 A - FLOOR PLAN - LIGHTING
1
E122.1
1/8" = 1'-0"

2/17/2021 7:28:29 AM



Project Information:

19018

COK SAFETY BUILDING

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Seal:



Consultant:



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#	ISSUE	DATE
1	Addendum #02.1	02/17/21

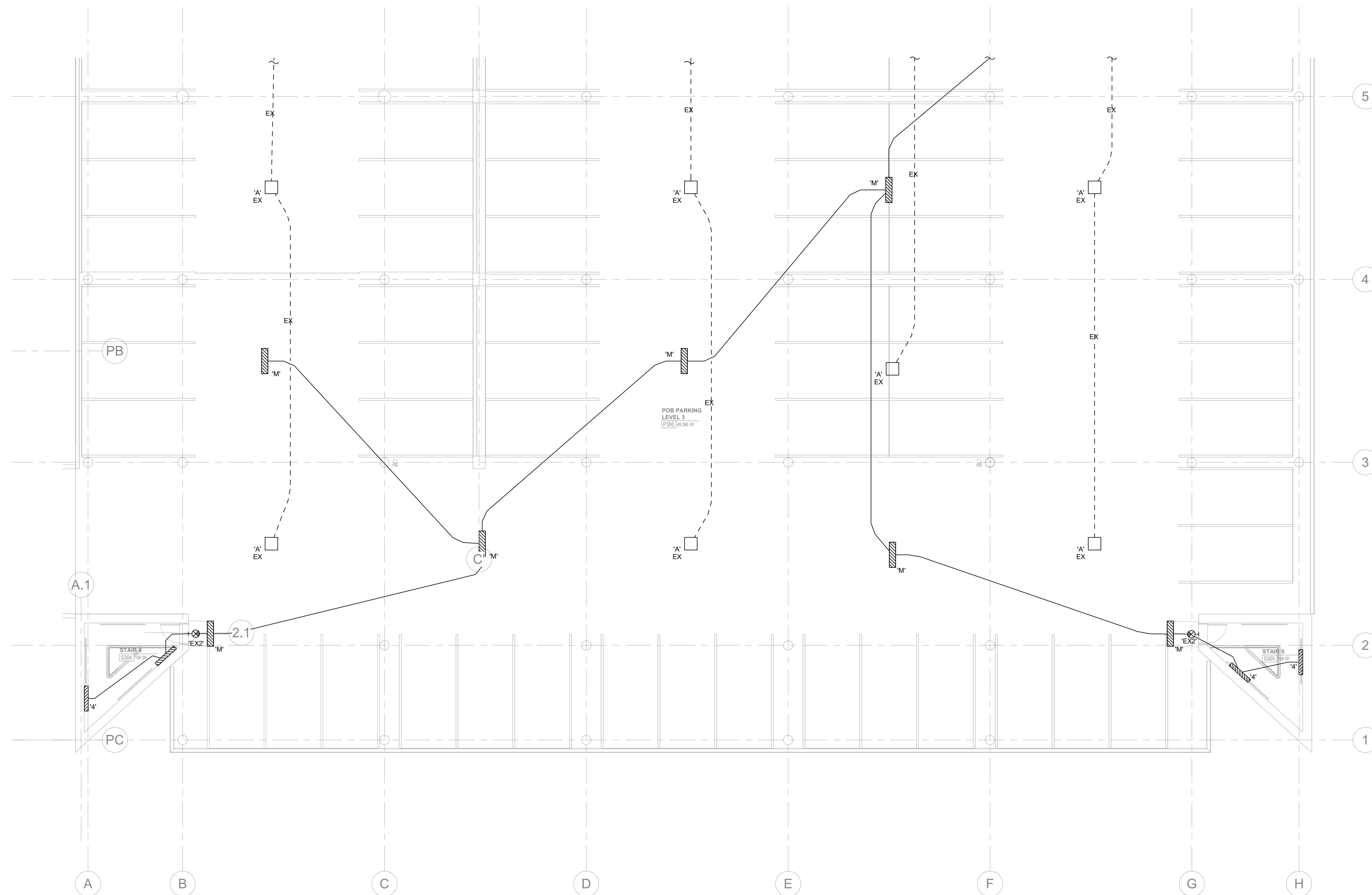
Issue Date:	FEBRUARY 1, 2021
PI:	DAVID COLLINS
PM:	JOHN THURMAN
PA:	LAUREN BUSH /
Drawn By:	CADD
Checked By:	EPV

Drawing Info:

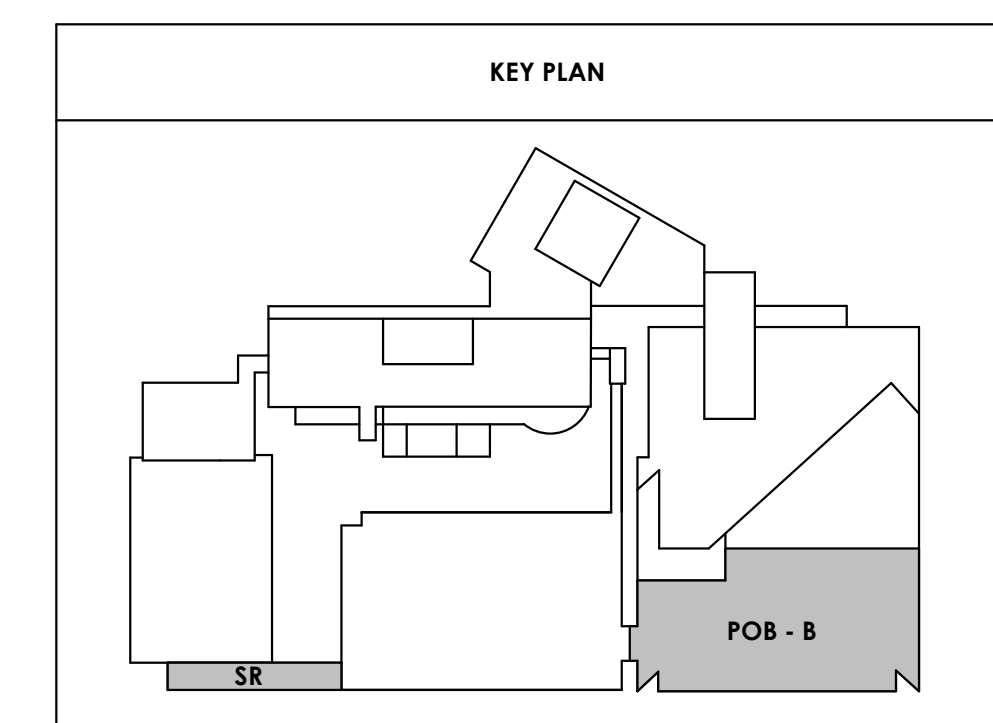
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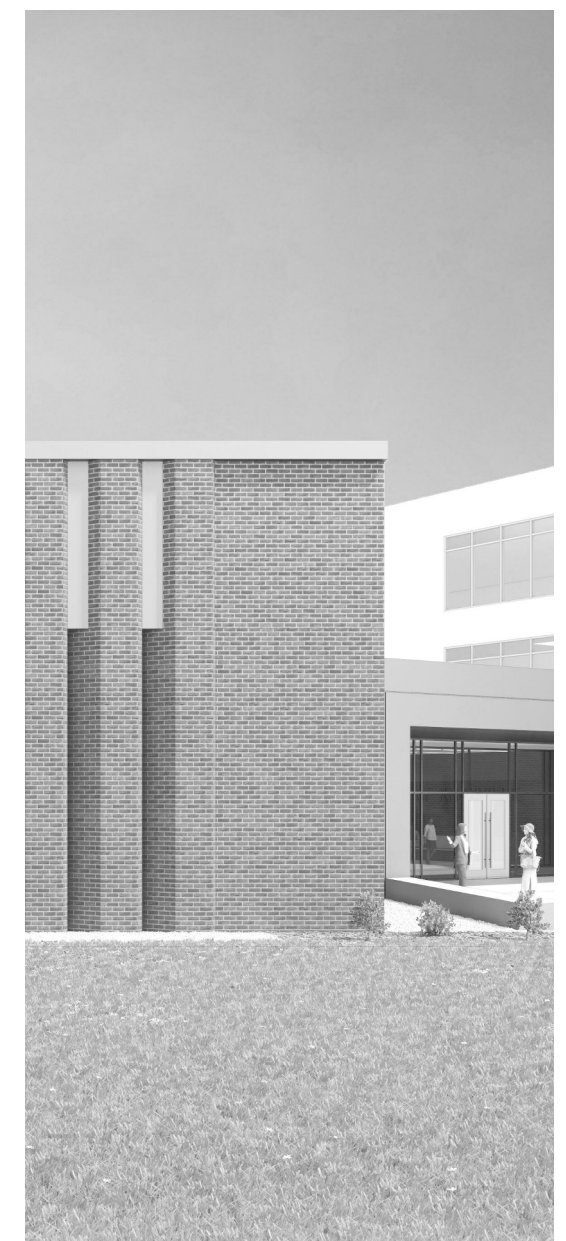
PARKING LEVEL P3 B - LIGHTING

GENERAL NOTES:
A. EXISTING PARKING GARAGE LIGHTING SHALL BE REMOVED.



PARKING LEVEL P3 B - FLOOR PLAN - LIGHTING
E122.2 1/8" = 1'-0"





Project Information:
19018

COK SAFETY BUILDING
900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:



L.C. THOMASSON ASSOCIATES, INC.
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#	ISSUE	DATE
1	Addendum #02.1	02/17/21

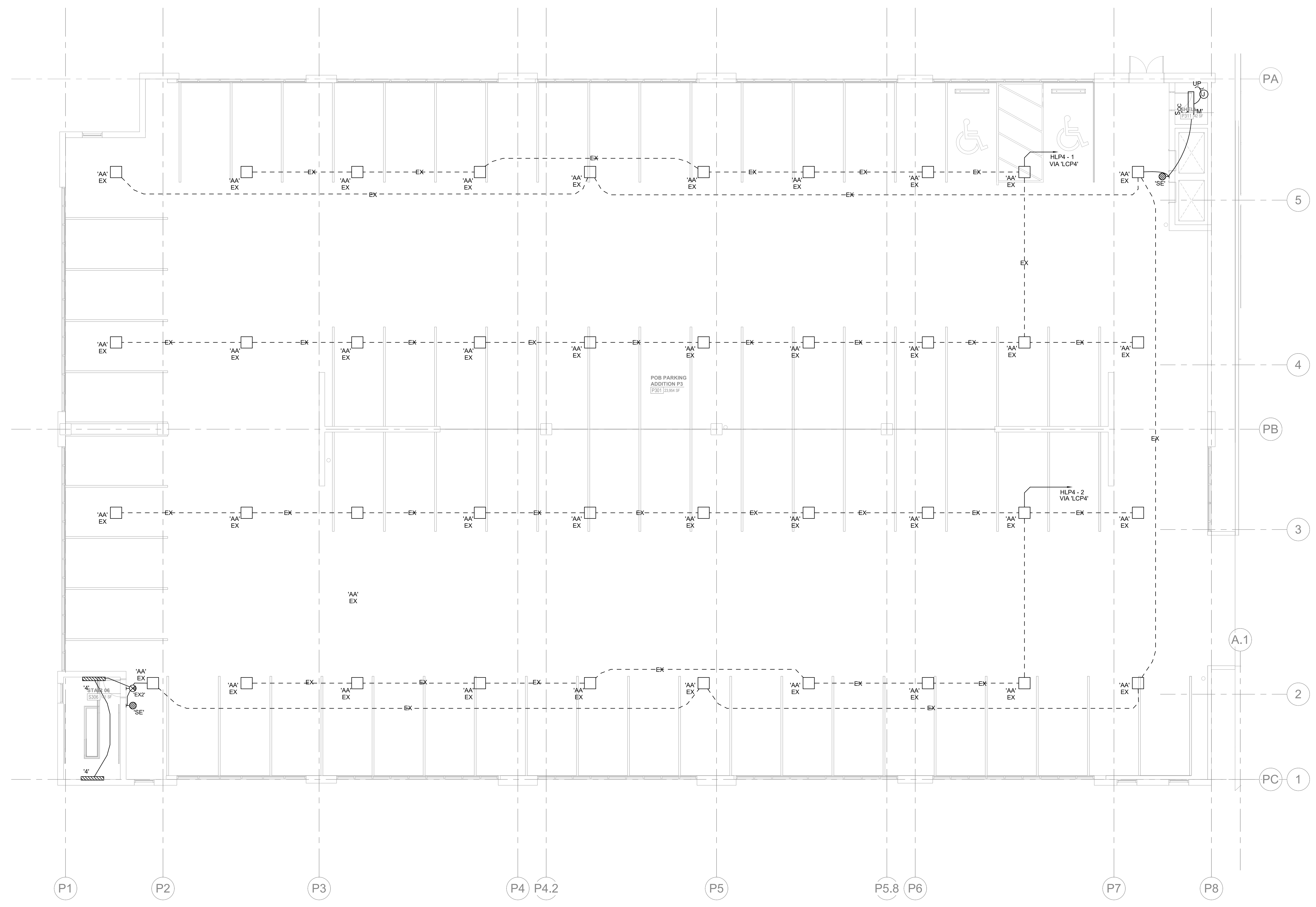
Issue Date:	FEBRUARY 1, 2021
PI:	DAVID COLLINS
PM:	JOHN THURMAN
PA:	LAUREN BUSH /
Drawn By:	CADD
Checked By:	EPV

Drawing Info:

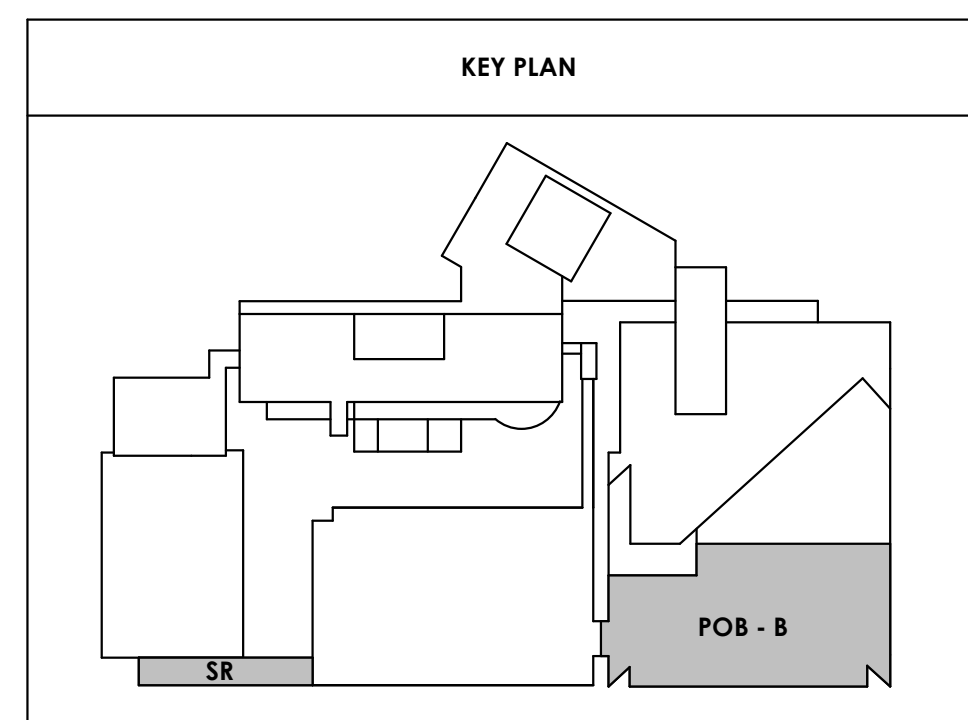
E122.3

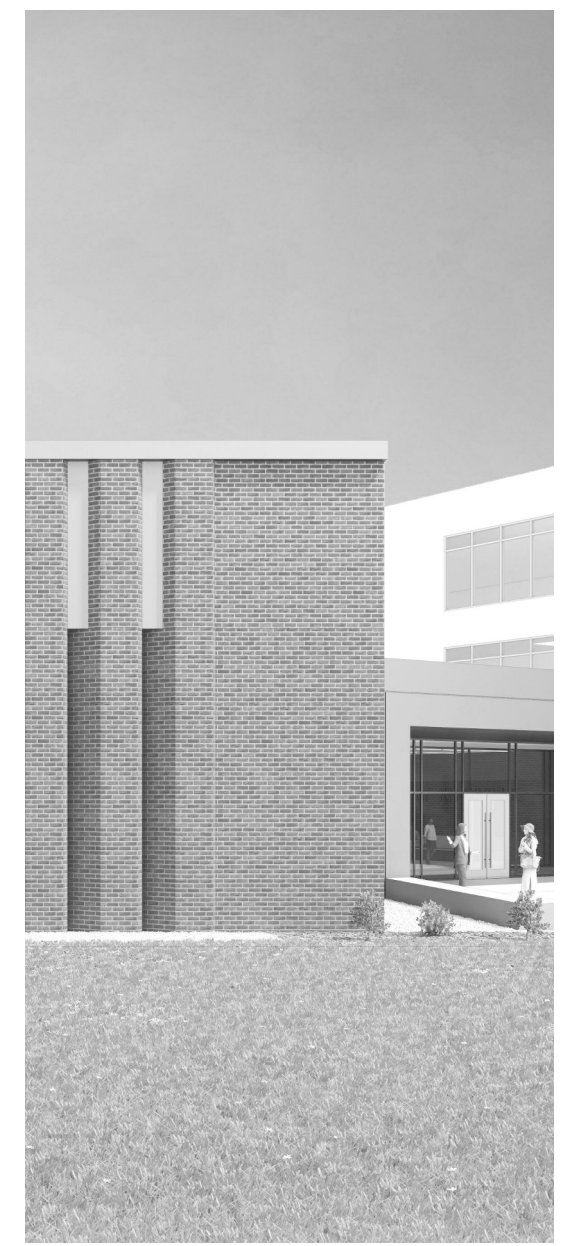
PARKING LEVEL P3 C - LIGHTING

GENERAL NOTES:
A. EXISTING PARKING GARAGE LIGHTING SHALL BE REMOVED.



1 PARKING LEVEL P3 C - FLOOR PLAN - LIGHTING
1/8" = 1'-0"





Project Information:

19018

COK SAFETY BUILDING

900 East Oak Hill Ave, Knoxville, TN

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#	ISSUE	DATE
1	Addendum #02.1	02/17/21

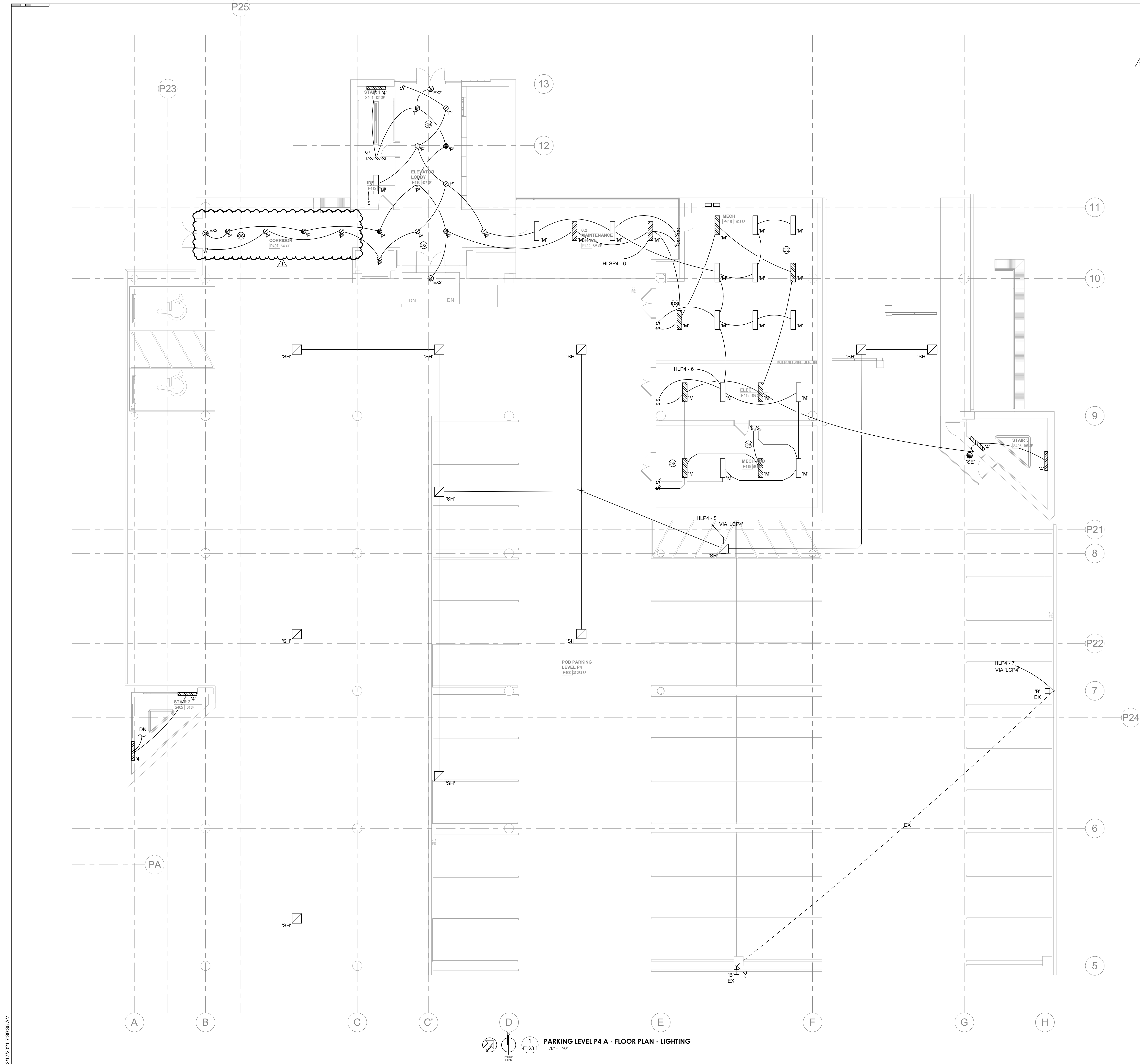
Issue Date:	FEBRUARY 1, 2021
PIC:	DAVID COLLINS
PM:	JOHN THURMAN
PA:	LAUREN BUSH /
Drawn By:	CADD
Checked By:	EPV

Drawing Info:

E123.1

PARKING LEVEL P4 A - LIGHTING

GENERAL NOTES:
A. EXISTING PARKING GARAGE LIGHTING SHALL BE REMOVED.



PARKING LEVEL P4 A - FLOOR PLAN - LIGHTING
1/8" = 1'-0"

2/17/2021 7:28:35 AM



Project Information:

19018

COK SAFETY BUILDING

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Consultant:



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#	ISSUE	DATE
1	Addendum #02.1	02/17/21

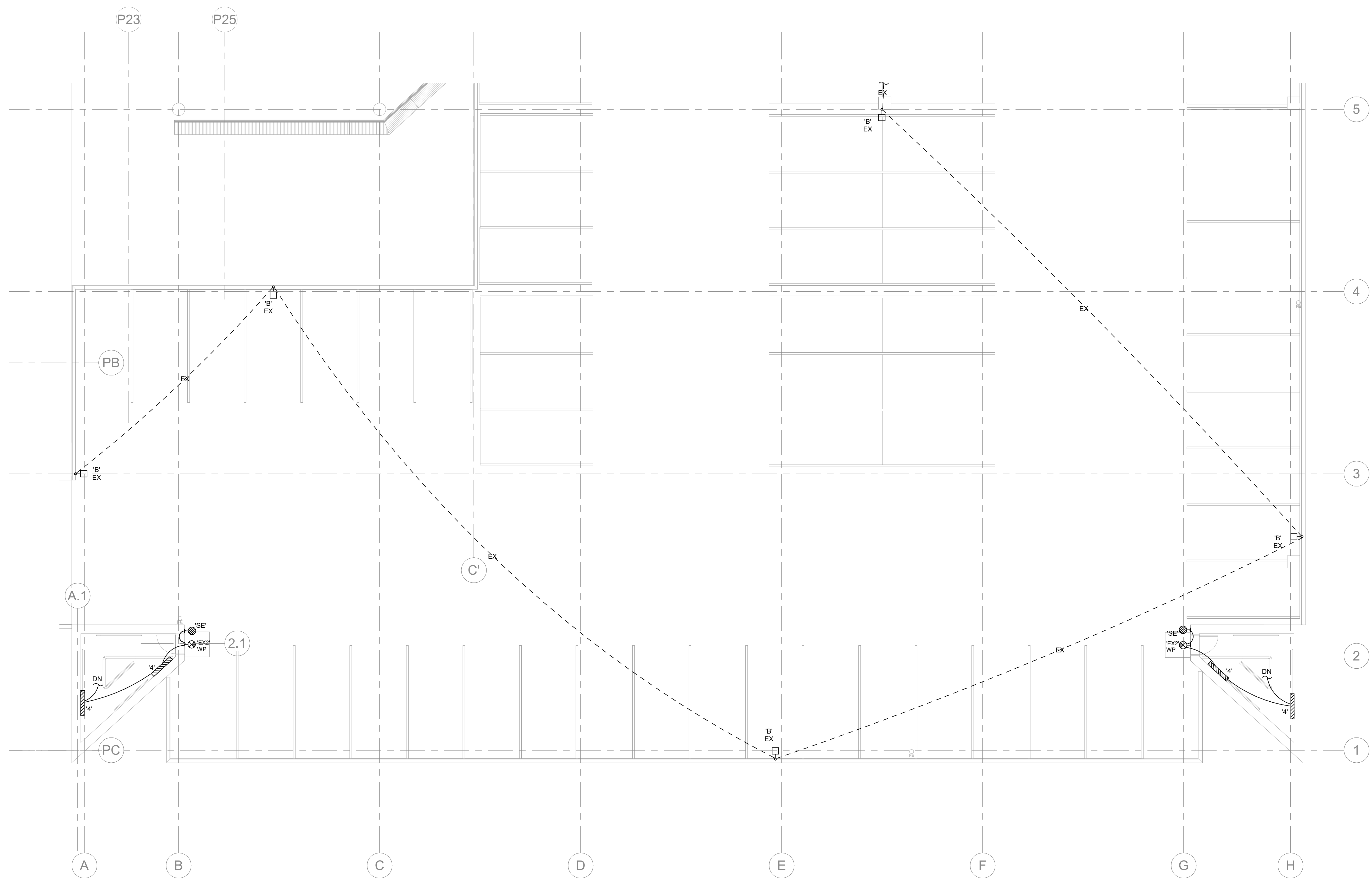
Issue Date:	FEBRUARY 1, 2021
PI:	DAVID COLLINS
PM:	JOHN THURMAN
PA:	LAUREN BUSH /
Drawn By:	CADD
Checked By:	EPV

Drawing Info:

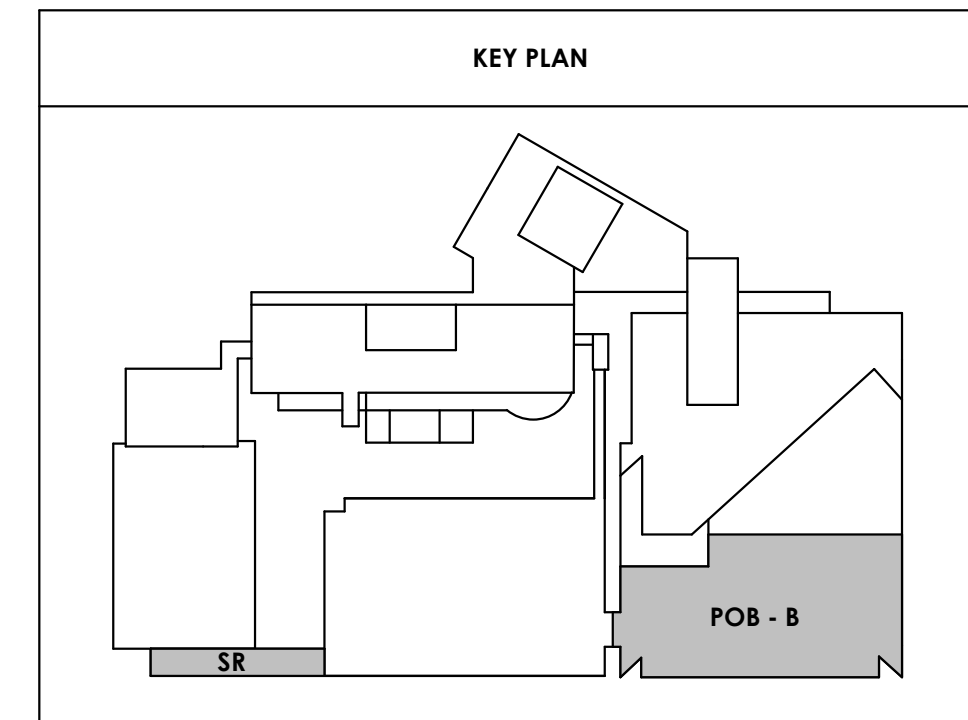
E123.2

PARKING LEVEL P4 B - LIGHTING

GENERAL NOTES:
A. EXISTING PARKING GARAGE LIGHTING SHALL BE REMOVED.



PARKING LEVEL P4 B - FLOOR PLAN - LIGHTING
E123.2 1/8" = 1'-0"





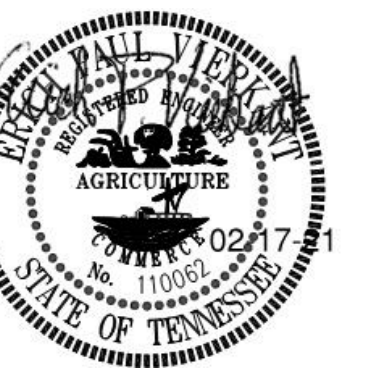
Project Information:

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COK SAFETY BUILDING

900 East Oak Hill Ave, Knoxville, TN

Seal:



Consultant:



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#	ISSUE	DATE
1	Addendum #02.1	02/17/21

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

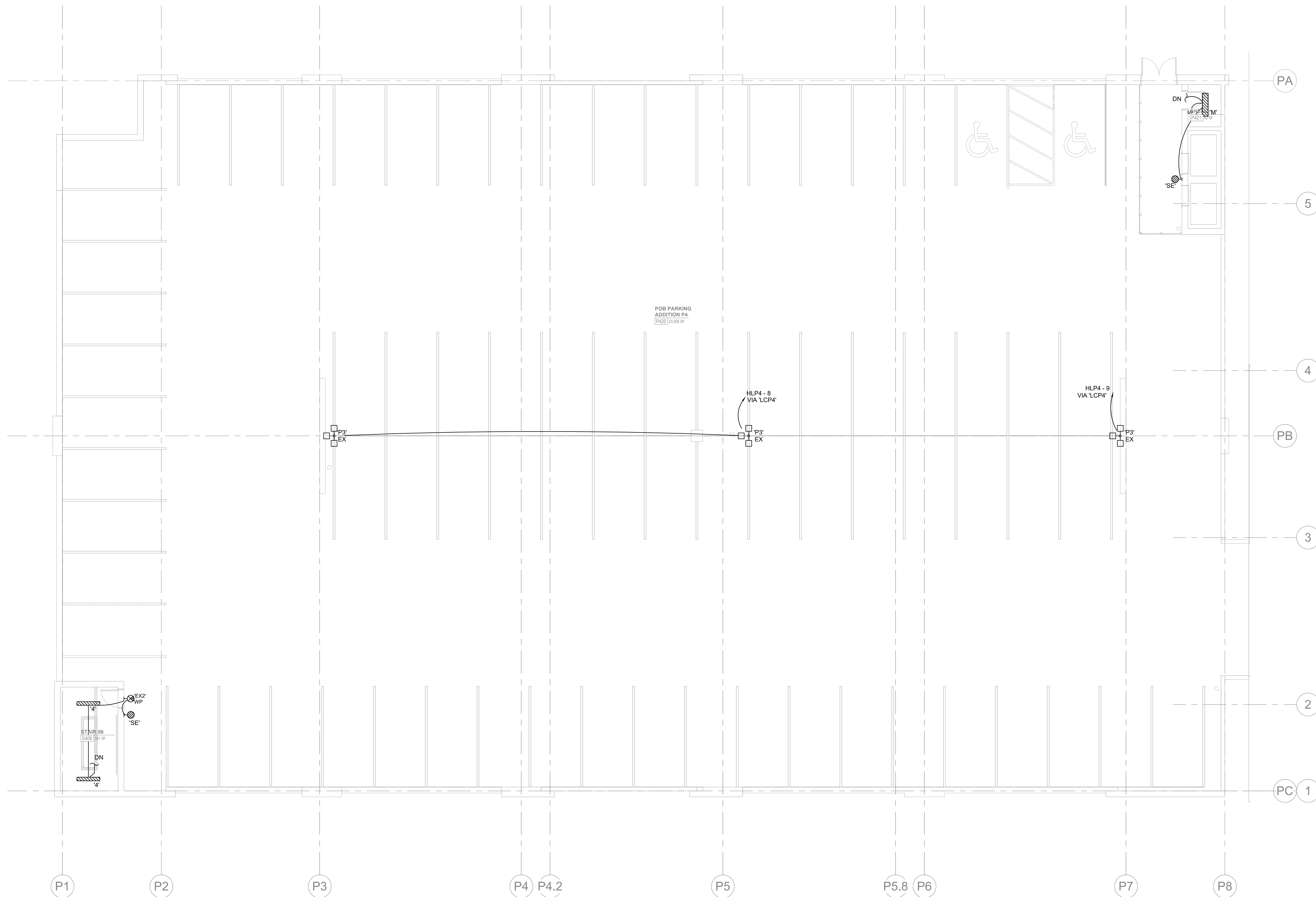
Drawing Info:

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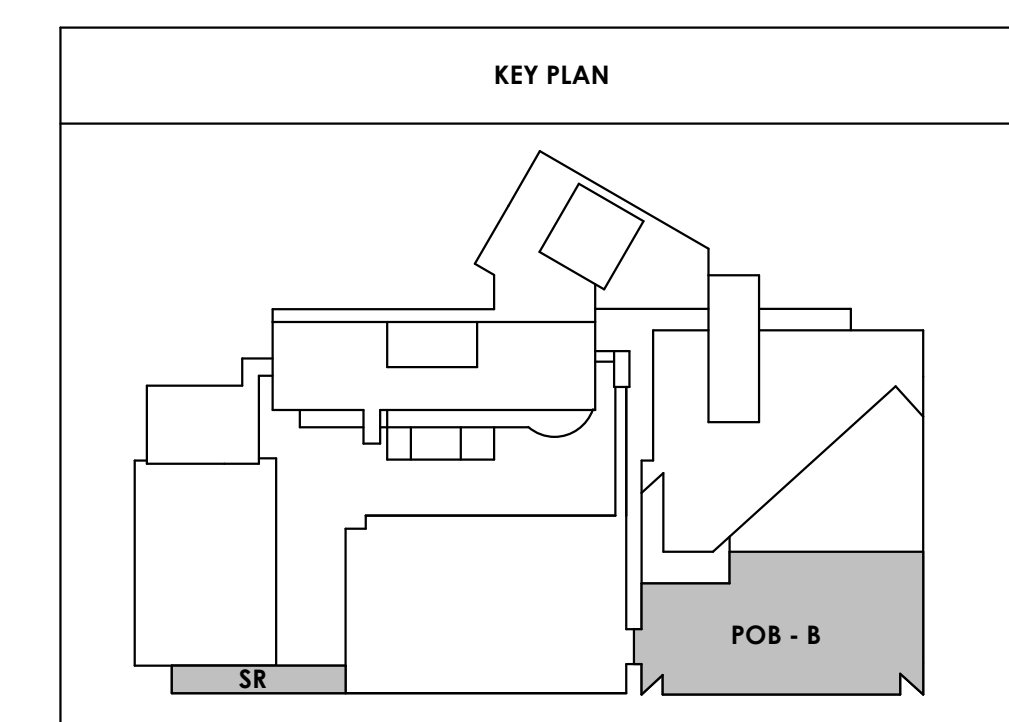
PARKING LEVEL P4 C - LIGHTING

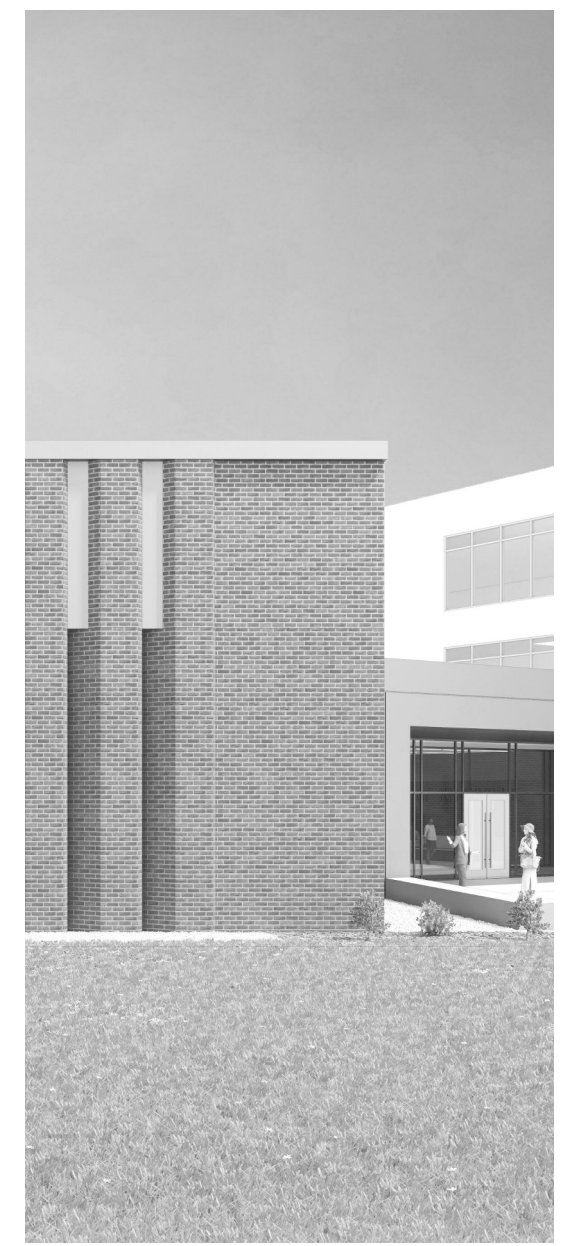
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GENERAL NOTES:
A. EXISTING PARKING GARAGE LIGHTING SHALL BE REMOVED.



PARKING LEVEL P4 C - FLOOR PLAN - LIGHTING
1
E123.3
1/8" = 1'-0"





Project Information:

19018

COK SAFETY BUILDING

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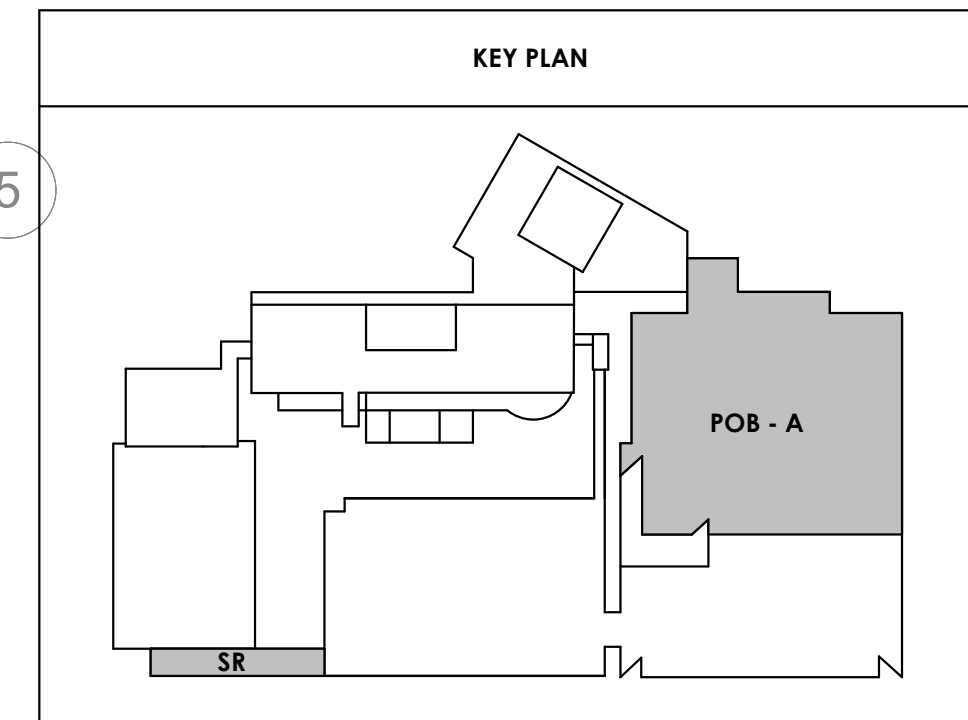
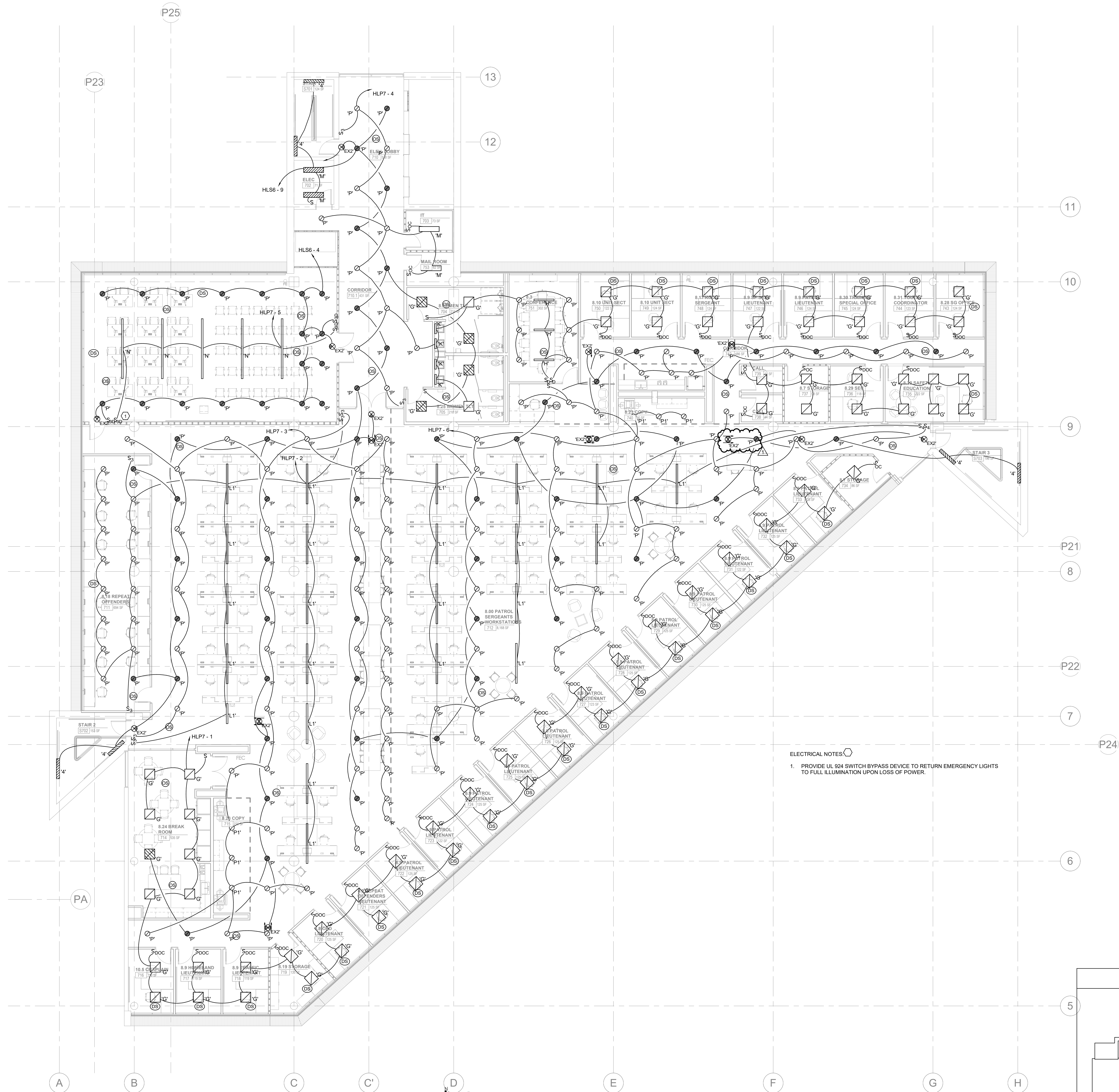
#	ISSUE	DATE
1	Addendum #02.1	02/17/21

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

Drawing Info:

E126

OFFICE LEVEL 7
FLOOR PLAN -
LIGHTING



OFFICE LEVEL 7 - FLOOR PLAN - LIGHTING
1/8" = 1'-0"

2/16/2021 10:54:26 AM



Project Information:

19018

COK SAFETY BUILDING

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Seal:



Consultant:



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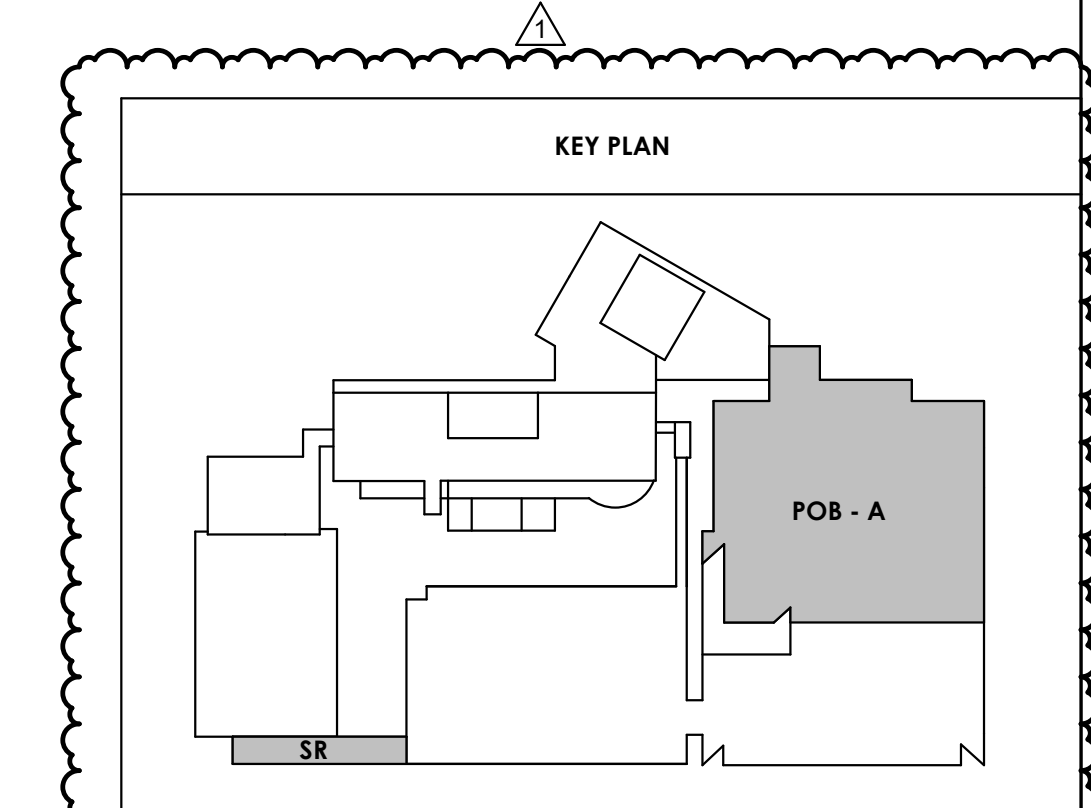
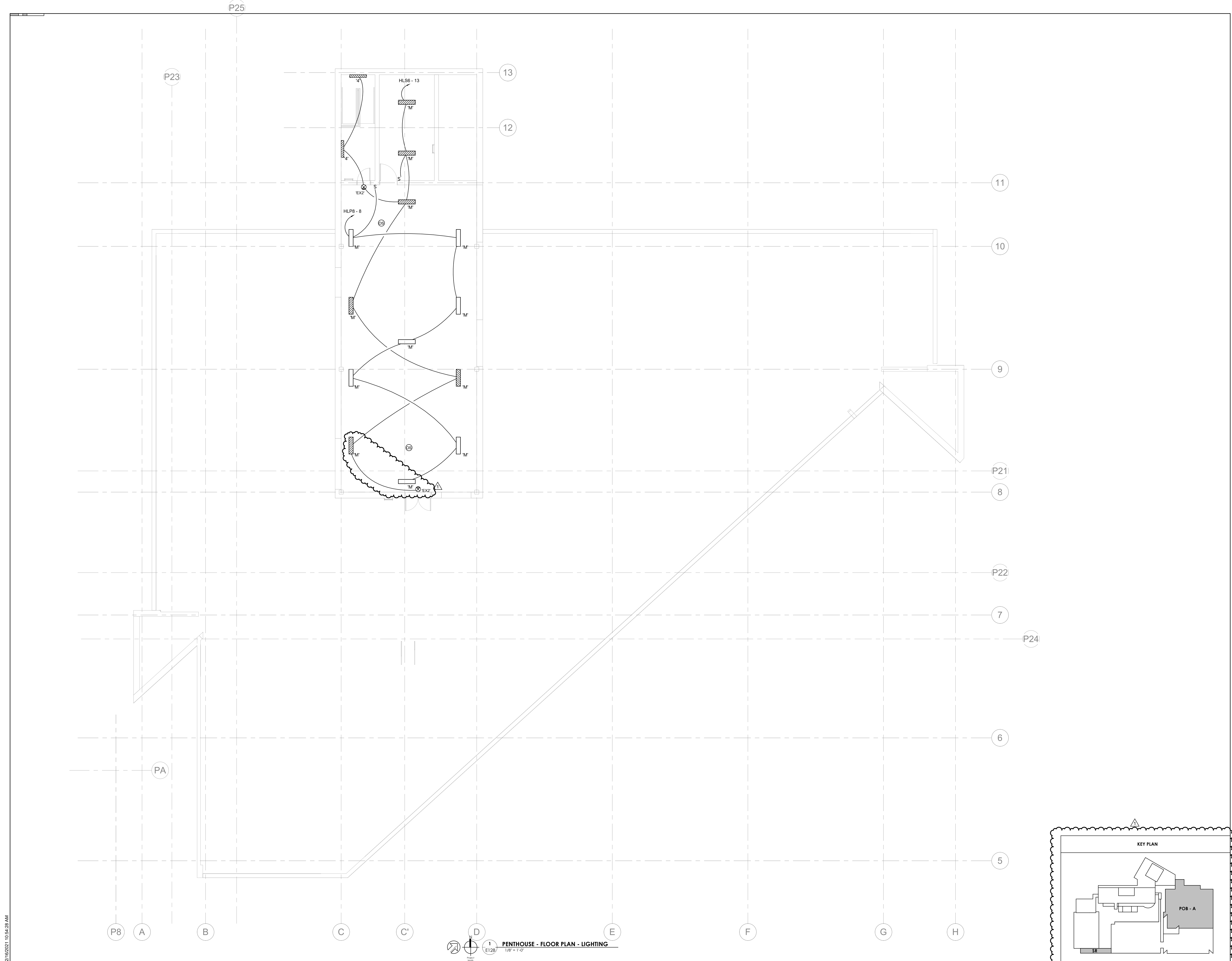
#	ISSUE	DATE
1	Addendum #02.1	02/17/21

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

Drawing Info:

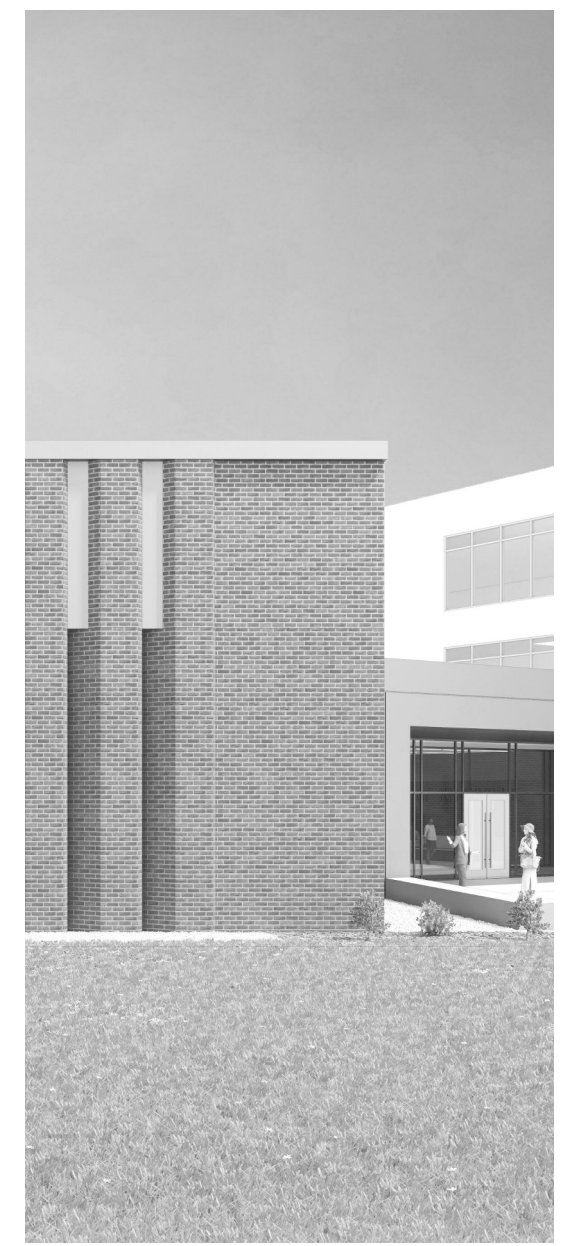
E128

PENTHOUSE - LIGHTING



PENTHOUSE - FLOOR PLAN - LIGHTING
1/8" = 1'-0"
E128

2/16/2021 10:54:28 AM



Project Information:

19018

COK SAFETY BUILDING

900 East Oak Hill Ave., Knoxville, TN

Seal:



Consultant:



I.C.T. THOMASSON ASSOCIATES, INC.
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#	ISSUE	DATE
1	Addendum #02.1	02/17/21

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

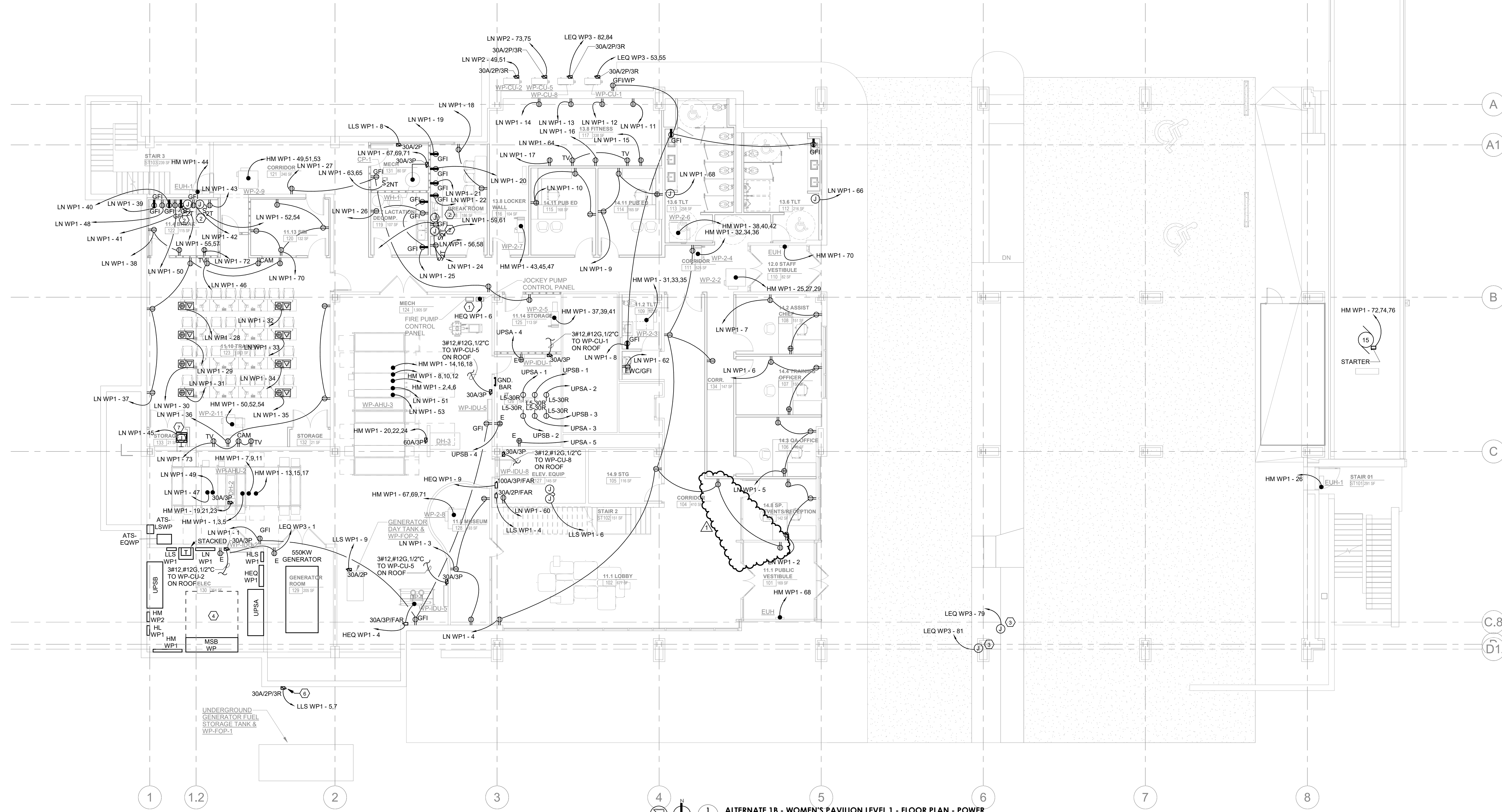
Drawing Info:

E201

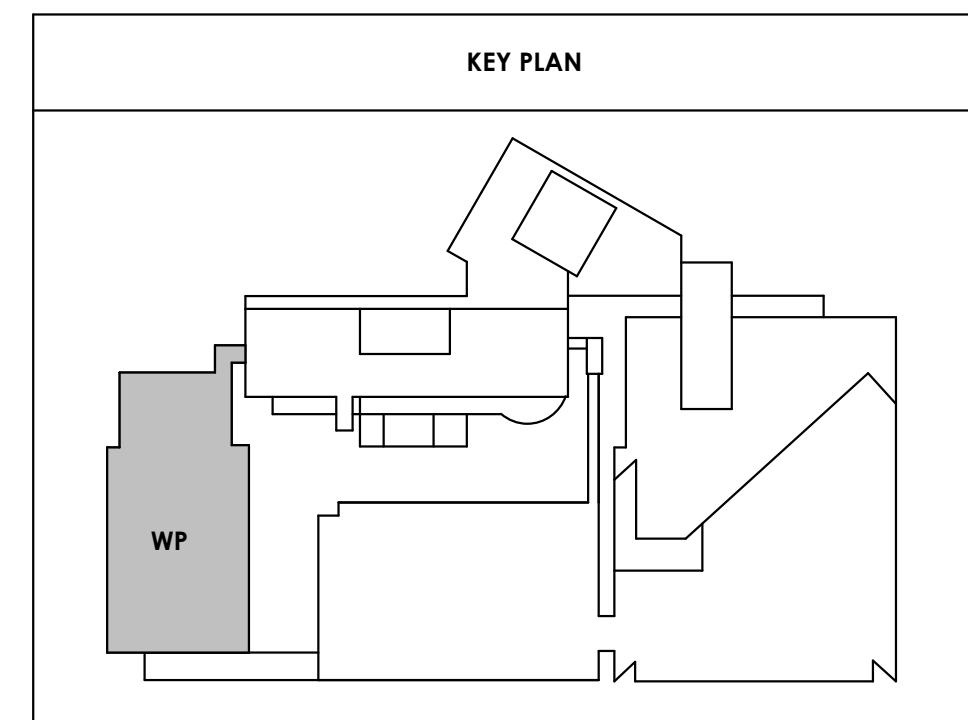
WP - FIRST LEVEL
FLOOR PLAN - POWER

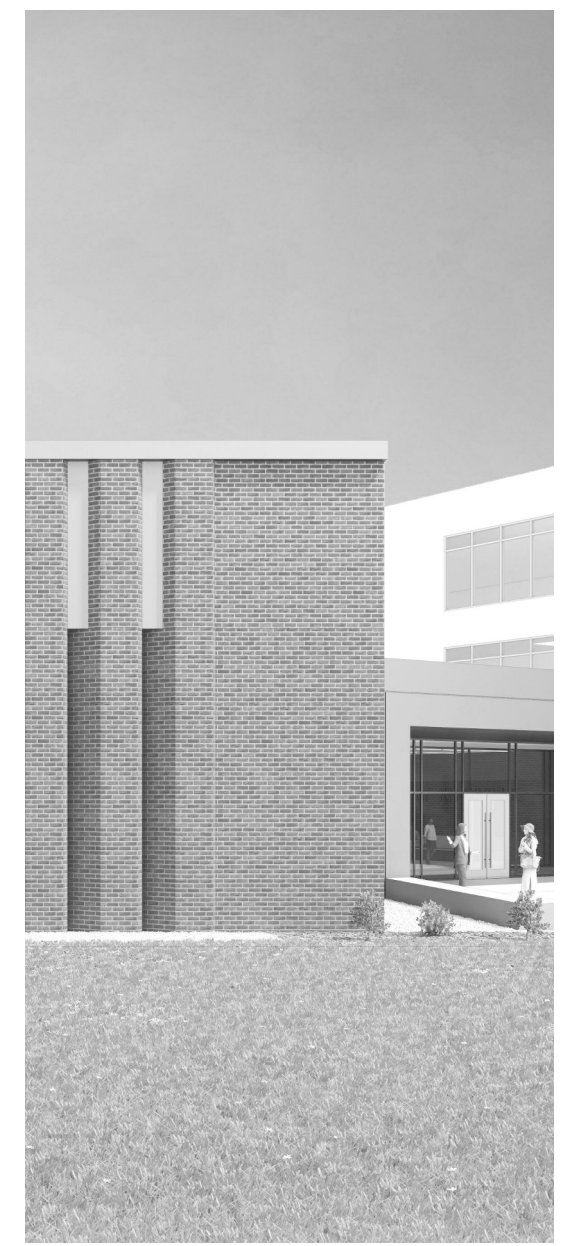
ELECTRICAL NOTES:

- SEE ELECTRICAL RISER DIAGRAM ON SHEET E401 FOR CONNECTIONS TO FIRE PUMP.
- PROVIDE ELECTRICAL CONNECTION TO COFFEEMAKER PER MANUFACTURER RECOMMENDATIONS.
- PROVIDE ELECTRICAL CONNECTION TO MOTORIZED GATES PER MANUFACTURER RECOMMENDATIONS.
- PROVIDE WORKING CLEARANCE PER NEC 110.26.
- PROVIDE ELECTRICAL CONNECTION TO HAND DRYER PER MANUFACTURER RECOMMENDATIONS.
- PROVIDE LOCKABLE DISCONNECT SWITCH. FIELD-COORDINATE FINAL CONNECTIONS BETWEEN SWITCH AND FUEL OIL PUMP "WP-FOP-1" LOCATED INSIDE UNDERGROUND GENERATOR FUEL STORAGE TANK.
- COORDINATE CIRCUIT TERMINATION INSIDE AV RACK WITH AV CONTRACTOR.



1 E201 ALTERNATE 1B - WOMEN'S PAVILION LEVEL 1 - FLOOR PLAN - POWER
1/8" = 1'-0"





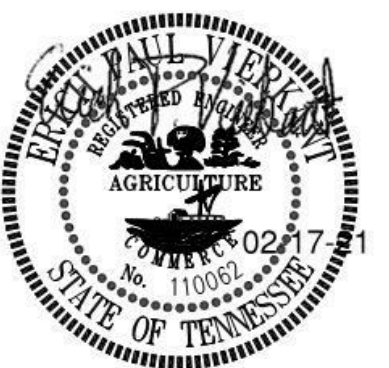
Project Information:

19018

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Seal:



Consultant:



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#	ISSUE	DATE
2	Addendum 02.1	02/17/21

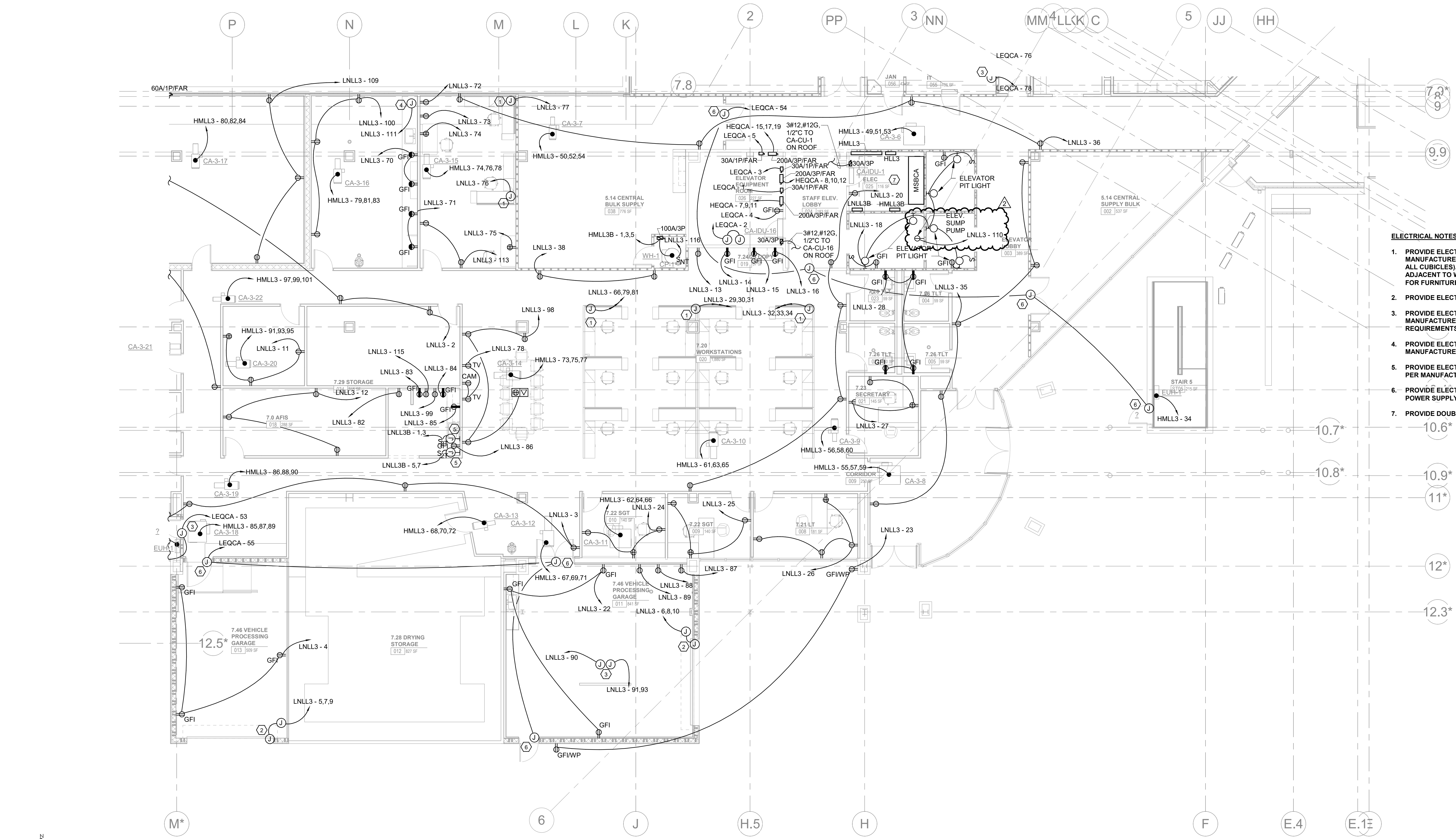
Issue Date:	FEBRUARY 1, 2021
PIC:	DAVID COLLINS
PM:	JOHN THURMAN
PA:	LAUREN BUSH /
Drawn By:	CADD
Checked By:	EPV

Drawing Info:

E210.2

CA - LEVEL LL3 B
FLOOR PLAN - POWER

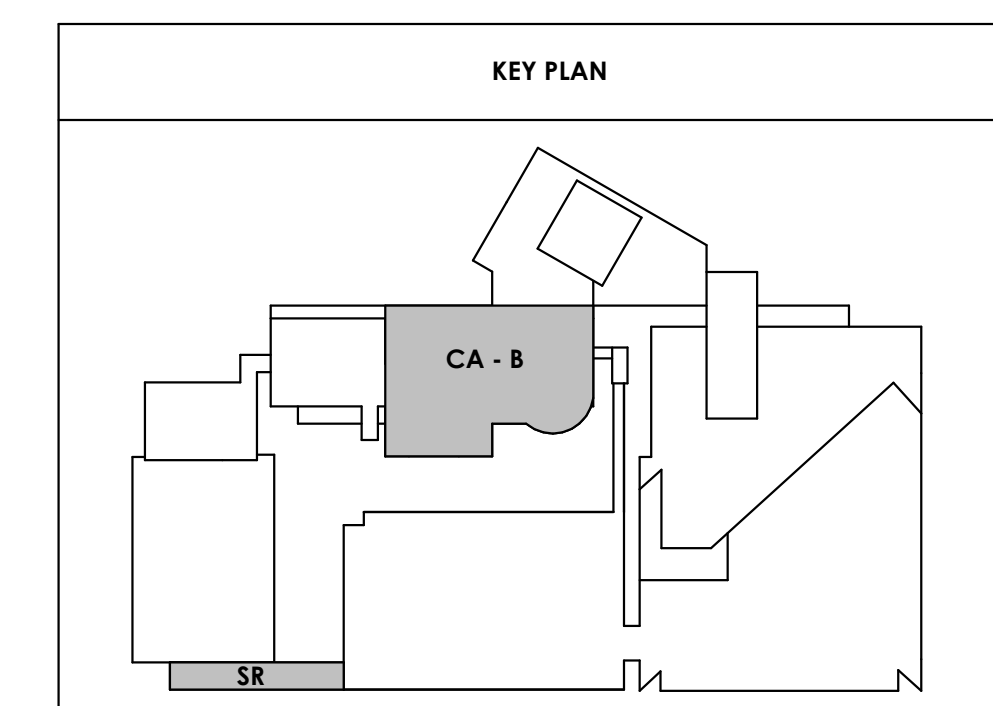
Copyright © 2019 McCarthy Holsapple McCarty

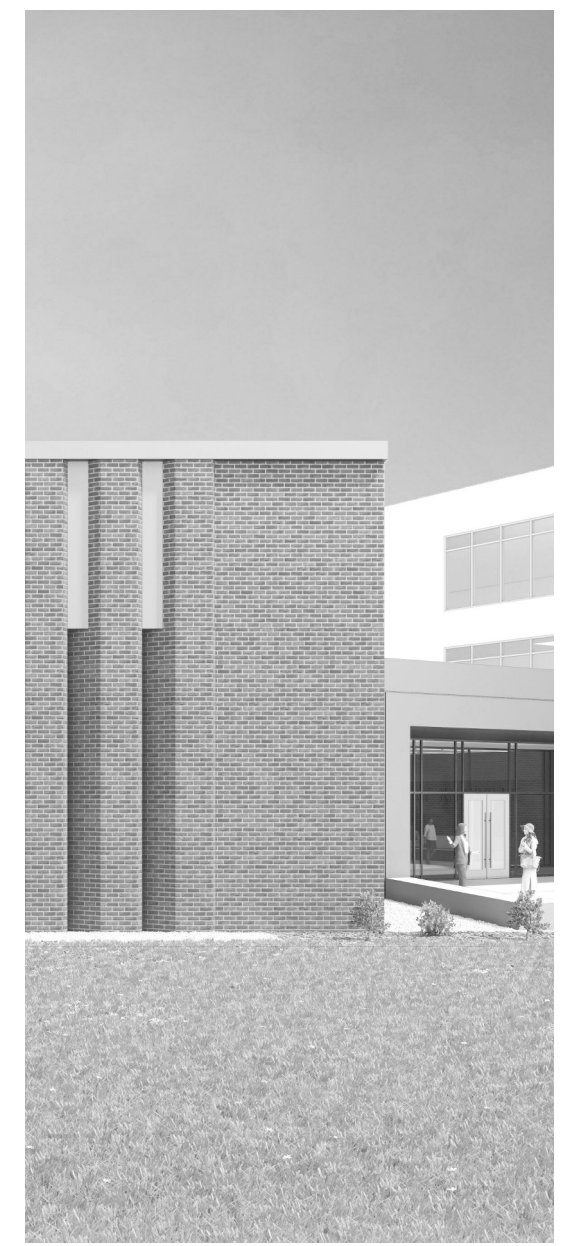


ELECTRICAL NOTES:

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 COFFEEMAKER 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

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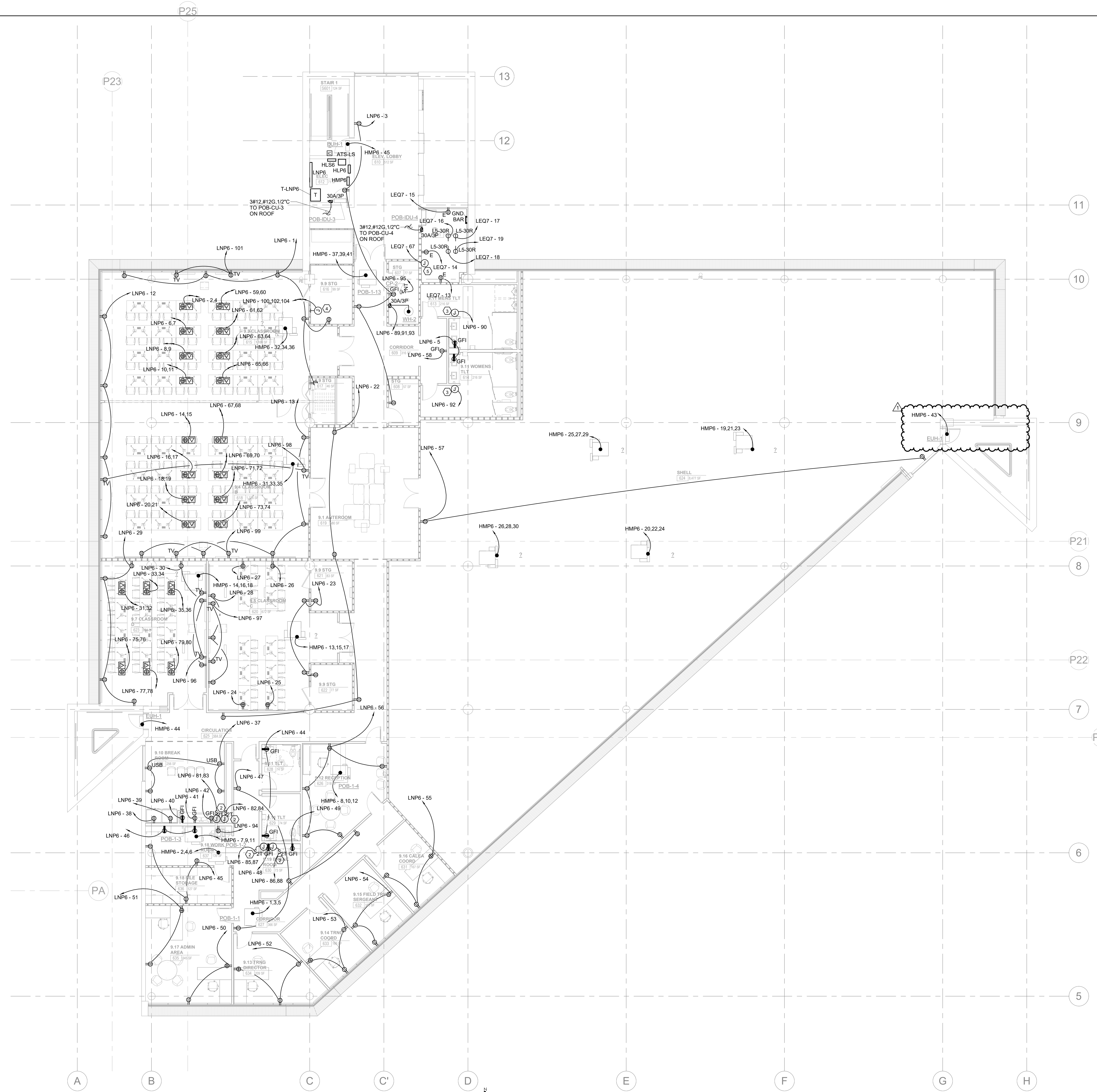
#	ISSUE	DATE
1	Appendum #02.1	02/17/21

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

Drawing Info:

E225

OFFICE LEVEL 6
FLOOR PLAN - POWER

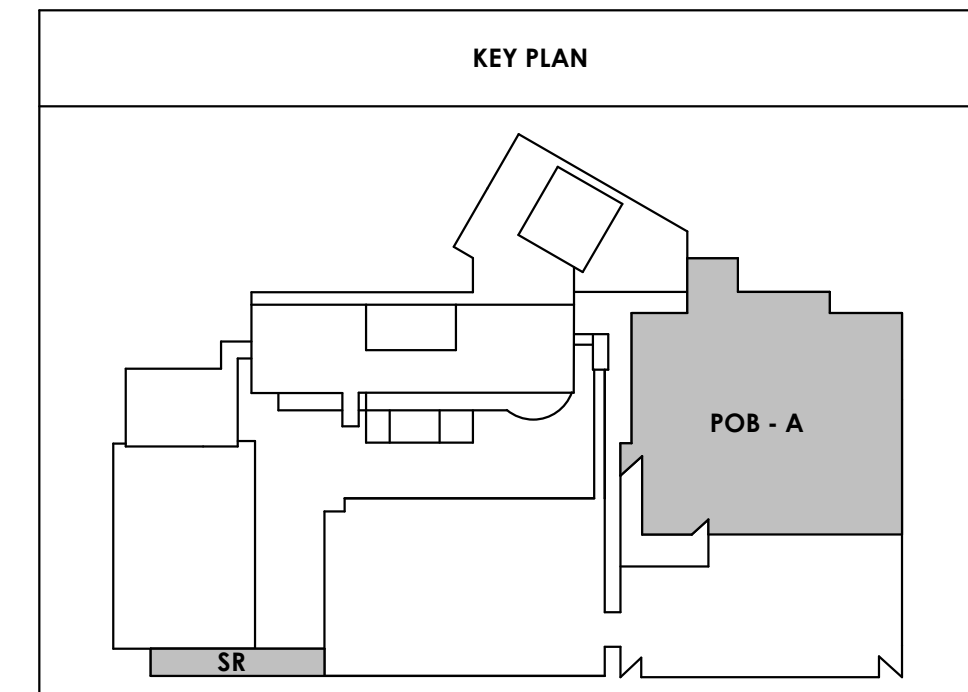


GENERAL NOTES:

- COORDINATE ALL FLOOR BOX LOCATIONS WITH WORKSTATION LOCATIONS AND REQUIREMENTS PRIOR TO INSTALLATION.

ELECTRICAL NOTES:

- 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.
- PROVIDE ELECTRICAL CONNECTION TO COFFEEMAKER PER MANUFACTURER'S RECOMMENDATIONS.
- PROVIDE ELECTRICAL CONNECTION TO HAND DRYER PER MANUFACTURER'S RECOMMENDATIONS.
- COORDINATE CIRCUIT TERMINATION INSIDE AV RACK WITH AV CONTRACTOR.
- PROVIDE ELECTRICAL CONNECTION TO ACCESS CONTROL PANEL PER MANUFACTURER'S RECOMMENDATIONS.



POB Office Level 6 - Floor Plan
1/8" = 1'-0"
E225

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:

CKT	Circuit Description	Demand Code	TRIP	P	A	B	C	P	TRIP	Demand Code	Circuit Description	CKT	
1	Lighting	20 A	1	2698	1790			1	20 A	Lighting	Lighting	2	
3	Lighting	20 A	1			1300	3378	1	20 A	Lighting	Lighting	4	
5	Lighting	20 A	1					2112	1664	1	20 A	Lighting	6
7	Lighting	20 A	1	2306	1050					1	20 A	Lighting	8
9	Spare	--	20 A	1		0	0			1	20 A	--	10
11	Spare	--	20 A	1						1	20 A	--	12
13	Spare	--	20 A	1	0	0				1	20 A	--	14
15	Spare	--	20 A	1		0	0			1	20 A	--	16
17	Spare	--	20 A	1				0	0	1	20 A	--	18
19	Spare	--	20 A	1	0	0				1	20 A	--	20
21	Spare	--	20 A	1		0	0			1	20 A	--	22
23	Spare	--	20 A	1				0	0	1	20 A	--	24
25	Spare	--	20 A	1	0	0				1	20 A	--	26
27	Spare	--	20 A	1		0	0			1	20 A	--	28
29	Spare	--	20 A	1				0	0	1	20 A	--	30
31	Spare	--	20 A	1	0	0				1	20 A	--	32
33	Spare	--	20 A	1		0	0			1	20 A	--	34
35	Spare	--	20 A	1				0	0	1	20 A	--	36
37	Spare	--	20 A	1	0	0				1	20 A	--	38
39	Spare	--	20 A	1		0	0			1	20 A	--	40
41	Spare	--	20 A	1				0	0	1	20 A	--	42
Total Load:					7844 VA	4678 VA	3776 VA						
Total Amps:					29 A	17 A	14 A						

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Lighting	16298 VA	100.00%	16298 VA	
				Total Conn. Load: 16298 VA
				Total Est. Demand: 16298 VA
				Total Conn. Current: 20 A
				Total Est. Demand Current: 20 A

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:

CKT	Circuit Description	Demand Code	TRIP	P	A	B	C	P	TRIP	Demand Code	Circuit Description	CKT	
1	Receptacle - MECH 058	Recept...	20 A	1	900	720		1	20 A	Recept...	Receptacle - STORAGE 034	2	
3	Receptacle - CORRIDOR	Recept...	20 A	1		720	540			1	20 A	Recept...	4
5	OVERHEAD DOOR- 013	Equip...	20 A	3				167	167	3	20 A	Equip...	6
7	--	--	--	--	167	167				--	--	--	8
9	--	--	--	--			167	167		--	--	--	10
11	Receptacle - FUTURE OFFICE 032	Recept...	20 A	1						1	20 A	Recept...	12
13	COPIER - COPY 019	Equip...	20 A	1	1200	180				1	20 A	Equip...	14
15	Receptacle - COPY 019	Recept...	20 A	1		180	180			1	20 A	Recept...	16
17	WIREMOLD - SUPPLIES 048	Recept...	20 A	1				1080	801	1	20 A	Recept...	18
19	WIREMOLD - SUPPLIES 048	Recept...	20 A	1	1080	900				1	20 A	Recept...	20
21	WIREMOLD - SUPPLIES 048	Recept...	20 A	1			1080	540		1	20 A	Recept...	22
23	Receptacle - EXTERIOR	Recept...	20 A	1				360	720	1	20 A	Recept...	24
25	Receptacle - SGT 009	Recept...	20 A	1	720	900				1	20 A	Recept...	26
27	Receptacle - SECRETARY 021	Recept...	20 A	1		720	720			1	20 A	Recept...	28
29	Furniture Power - 020	Power	20 A	1			0	0	0	1	20 A	Power	30
31	Furniture Power - 020	Equip...	20 A	1	500	0				1	20 A	Equip...	32
33	Furniture Power - 020	Power	20 A	1		0	500			1	20 A	Power	34
35	Receptacle - CORRIDOR	Recept...	20 A	1				900	720	1	20 A	Recept...	36
37	Receptacle - CORRIDOR	Recept...	20 A	1	1080	360				1	20 A	Recept...	38
39	Receptacle - REFERENCE GUNS 035	Recept...	20 A	1		540	720			1	20 A	Recept...	40
41	Receptacle - VIEW 040	Recept...	20 A	1			1400	180		1	20 A	Recept...	42
43	Receptacle - BAG & TAG 039	Recept...	20 A	1	180	180				1	20 A	Recept...	44
45	Receptacle - BAG & TAG 039	Recept...	20 A	1			180	180		1	20 A	Recept...	46
47	Receptacle - BAG & TAG 039	Recept...	20 A	1				540	540	1	20 A	Recept...	48
49	Receptacle - PROCESSING 050	Recept...	20 A	1	360	180				1	20 A	Recept...	50
51	Receptacle - PROCESSING 050	Recept...	20 A	1		180	180			1	20 A	Recept...	52
53	Receptacle - PROCESSING BULK DROP 052	Recept...	20 A	1				360	360	1	20 A	Recept...	54
55	Receptacle - SUPPLIES 048	Recept...	20 A	1	540	860				1	20 A	Recept...	56
57	Receptacle - SECRETARY 044	Recept...	20 A	1			720	0		1	20 A	Power	58
59	Furniture Power - 046	Power	20 A	1			0	500		1	20 A	Power	60
61	Furniture Power - 046	Power	20 A	1	0	0				1	20 A	Power	62
63	Furniture Power - 046	Equip...	20 A	1		500	180			1	20 A	Equip...	64
65	Receptacle - BREAK 043	Recept...	20 A	1				180	0	1	20 A	Power	66
67	Receptacle - BULK EVIDENCE 057	Recept...	20 A	1	1040	1200				1	20 A	Equip...	68
69	Receptacle - LAB 036	Recept...	20 A	1			900	720		1	20 A	Equip...	70
71	Receptacle - LAB 036	Recept...	20 A	1				720	1200	1	20 A	Equip...	72
73	Receptacle - PHOTO 037	Recept...	20 A	1	180	360				1	20 A	Equip...	74
75	Receptacle - PHOTO 037	Recept...	20 A	1			360	500		1	20 A	Equip...	76
77	FURNITURE - PHOTO 037	Equip...	20 A	1				500	1100	1	20 A	Equip...	78
79	FURNITURE - 020	Power	20 A	1	0	0				1	20 A	Power	80
81	FURNITURE - 020	Equip...	20 A	1			500	1200		1	20 A	Equip...	82
83	Receptacle - BREAK 030	Recept...	20 A	1				180	180	1	20 A	Recept...	84
85	Receptacle - BREAK 030	Recept...	20 A	1	180	180				1	20 A	Recept...	86
87	RECEPTACLE - VEHICLE PROCESSING 011	Equip...	20 A	1			1200	1200		1	20 A	Equip...	88
89	RECEPTACLE - VEHICLE PROCESSING 011	Equip...	20 A	1				1200	500	1	20 A	Equip...	90
91	VEHICLE LIFT - 011	Equip...	20 A	2	250	1200				1	20 A	Equip...	92
93	--	--	--	--		250	360			1	20 A	Recept...	94
95	RECEPTACLE - BULK EVIDENCE 054	Equip...	20 A	1				1200	1200	1	20 A	Equip...	96
97	RECEPTACLE - BULK EVIDENCE 054	Equip...	20 A	1	1200	900				1	20 A	Recept...	98
99	Receptacle - BREAK 030	Recept...	20 A	1		180	540			1	20 A	Recept...	100
101	DDC Panel - Mech Rm. 058	Equip...	20 A	1				1000	1200	1	20 A	Equip...	102
103	DDC Panel - Mech Rm. 058	Equip...	20 A	1	1000	100				1	20 A	Equip...	104
105	EF-CA-7 (Roof)	Motor	20 A	1			1176	1200		1	20 A	Equip...	106
107	Bullet Recovery (2# #10GND, 3/4"C.)	Equip...	40 A	1						1	20 A	Equip...	108
109	Receptacle - REFERENCE GUNS 035	Recept...	20 A	1	540	1176				1	20 A	Equip...	110
111	FUME HOOD - LAB 036	Equip...	20 A	1						1	15 A	Motor	114
113	Receptacle - PHOTO 037	Recept...	20 A	1					360				116
115	Receptacle - BREAK 030	Recept...	20 A	1	180	100				1	15 A	Motor	118
117	LNLL3B - 048	Motor...	150 A	3				5097					120
119	--	--	--	--									122
121	--	--	--	--	5918								124
123	Recept...	20 A	1			1040	100			1	15 A	Motor	126
125	Recept...	20 A	1			1040	1540			1	20 A	Recept...	128
Total Load:					26877 VA	25916 VA	29621 VA						
Total Amps:					225 A	216 A	248 A						

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Lighting	270 VA	100.00%	270 VA	
Motor	10362 VA	90.00%	9326 VA	Total Conn. Load: 82415 VA
Power	0 VA	0.00%	0 VA	Total Est. Demand: 65591 VA
Equipment	37776 VA	90.00%	33996 VA	Total Conn. Current: 229 A
Receptacle	34020 VA	64.70%	22010 VA	Total Est. Demand Current: 182 A

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:

CKT	Circuit Description	# of Poles	Trip Rating	Load	Remarks
1	HMLL3	3	400 A	270340 VA	
2	HLL3	3	100 A	16298 VA	
3	T-LNLL3	3	175 A	82415 VA	
4	ATS EOCA	3	400 A	230759 VA	
5	ATS LSCA	3	100 A	15130 VA	
6	HLL2	3	175 A	18911 VA	
7	T-LNLL2	3	175 A	87679 VA	
8	HLL1	3	100 A	8076 VA	
9	T-LNLL1	3	175 A	72953 VA	
10	HMG	3	400 A	156000 VA	
11	HLG	3	100 A	5323 VA	
12	T-LNG	3	175 A	82528 VA	
13	T-LNLL2B	3	125 A	64820 VA	
14	CA-CH-1 (3#500MCM,3G,3"C)	3	350 A	241933 VA	
15	CA-CH-2 (3#500MCM,3G,3"C)	3	350 A	241933 VA	
16	HMLL2	3	400 A	230000 VA	
17	HMG2	3	400 A	253602 VA	
18	HMG3	3	150 A	100000 VA	
19	HMLL2B	3	400 A	162627 VA	
20	RTU-1 (3#4/0,4G,1-1/2"C)	3	225 A	111539 VA	
21	RTU-2 (3#2/0,4G,1-1/2"C)	3	175 A	138342 VA	
22	SPD	3	60 A	0 VA	
23	HMLL3B	3	150 A	90000 VA	
24	Spare	3	250 A	0 VA	
25	Spare	3	250 A	0 VA	
				2679025 VA	
				3222 A	

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Elevator	130636 VA	82.00%	107122 VA	
Equipment	421625 VA	90.00%	379463 VA	Total Conn. Load: 2679025 VA
Heating	922298 VA	90.00%	830068 VA	Total Est. Demand: 2358030 VA
Lighting	65416 VA	100.00%	65416 VA	Total Conn. Current: 3222 A
Motor	964574 VA	90.00%	868117 VA	Total Est. Demand Current: 2836 A
Power	34000 VA	100.00%	34000 VA	
Receptacle	143280 VA	53.49%	76640 VA	