

FOR THE PROJECT TITLED:

**FCPS NEW MIDDLE SCHOOL – POLO CLUB**  
**KDE BG # 21-176**  
**FCPS BID # 20-21**  
**JRA Project No. 202078**  
Fayette County Public Schools  
Lexington, Kentucky

To: Prospective Bidders

From: JRA Architects  
3225 Summit Square Place, Suite 200  
Lexington, KY 40509

Project Contact: D. Robert Deal, AIA, LEED AP

The Addendum will form a part of the Contract Documents and modifies the original Bidding Documents dated September 2021.

Bidders must acknowledge receipt of this Addendum in the space provided on the Form of Proposal. Failure to do so may subject the bidder to disqualification.

Bidding Documents, including the Drawings and Specifications, are amended as described herein.

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**ADDENDUM ITEMS:**

**ITEM NO. 2.01**

Refer to the Advertisement for Bids. **Change the BID DATE and SUBMISSION TIME to Tuesday, October 26, at 11:00 AM.**

The in-person bid location for General Contractors is unchanged.

Change the public opening time to 11:30. The Zoom link for interested subcontractors is below:

Join Zoom Meeting

<https://us02web.zoom.us/j/82965483318?pwd=b1diTTU1WkJNWkdFWmZ0eWVtMmVtQT09>

Meeting ID: 829 6548 3318

Passcode: 295414

One tap mobile

+13017158592,,82965483318#,,,,\*295414# US (Washington DC)

+13126266799,,82965483318#,,,,\*295414# US (Chicago)

**ITEM NO. 2.02**

Refer to the Specification Section 00 6000-03 "Supplementary Conditions" (version contained with Addendum No. 1). Add the following after Section 1.9 – "Article 11 – insurance and Bonds", sub-section C (11.4 Performance and Payment Bond).2.a.8:

- .9 any other sub-contractor whose value of work, including labor, break-out items and other materials, exceeds \$500,000.

**ITEM NO. 2.03**

Refer to Specification Section 00 2213 "Supplementary Instructions to Bidders", Section 1.7.A.1.a. (per Addendum #1). Revise subparagraph 1) as follows:

- 1) 6.3.5.1 - Project experience as a General Contractor with at least three completed projects with a construction cost of over \$15,000,000 within the last seven years.

**ITEM NO. 2.04**

Refer to the Specification Section 00 2113 "Instructions to Bidders" . Revise Section 1.2.A.1.c to read as follows:

- c. **KDE Form of Proposal, includes List of Subcontractors** (Spec. Section 00 4113) – properly signed, with listing of subcontractors as scheduled in the documents to be submitted at time of bid submittal.

Revise Specification Section 00 2213 "Supplementary Instructions to Bidders", Section 1.5.A.3.b.3) with the same text revision.

**ITEM NO. 2.05**

Refer to the Specification Section 01 1000 "Summary". Delete Section 1.11.F and associated subparagraphs.

**ITEM NO. 2.06**

Refer to Specification 09 8433 – "Sound-absorbing Wall Units". Change basis of design to Kinetics Noise Control "KNC High Impact Panel".

**ITEM NO. 2.06**

Refer to Drawing A-381, Details C & D. Change the elevator door clear opening to 3'-6" wide, center opening.

**ITEM NO. 2.07**

Refer to Specification 14 2400 – "Hydraulic Elevators". Change Section 2.3.B.1.a to read:

- a. Holeless, beside-the-car, single-stage jack, dual cylinder.

**ITEM NO. 2.08**

Refer to sheet U-100 add security cameras and add note to drawing "Install security camera at 15'-0" above grade."

**ITEM NO. 2.09**

Refer to sheet FP-111A adjust Sprinkler Head locations as indicated.

**ITEM NO. 2.10**

Refer to sheet FP-111D adjust Sprinkler Head locations as indicated.

**ITEM NO. 2.11**

Refer to sheet FP-111E adjust Sprinkler Head locations as indicated.

**ITEM NO. 2.12**

Refer to sheet FP-111F adjust Sprinkler Head locations as indicated.

**ITEM NO. 2.13**

Refer to sheet FP-112A adjust Sprinkler Head locations as indicated.

**ITEM NO. 2.14**

Refer to sheet FP-112C adjust Sprinkler Head locations as indicated.

**ITEM NO. 2.15**

Refer to sheet FP-112D adjust Sprinkler Head locations as indicated.

**ITEM NO. 2.16**

Refer to sheet E-111B added exterior light OLF-6 and remote power supply.

**ITEM NO. 2.17**

Refer to sheet E-111C added occupancy sensors to light switches and added occupancy sensors in classrooms.

**ITEM NO. 2.18**

Refer to sheet E-111F added occupancy sensors to locker rooms and gym office.

**ITEM NO. 2.19**

Refer to sheet E-221E revised electrical connections as shown.

**ITEM NO. 2.20**

Refer to sheet E-221F revised electrical connections as shown.

**ITEM NO. 2.21**

Refer to sheet E-311F add note to drawing "Coordinate height of all equipment near bleachers with architect and engineer prior to rough-in."

**ITEM NO. 2.22**

Refer to sheet E-415 revise panel Schedule.

**ITEM NO. 2.23**

Add attached new sheet "S-201 - MICROPILE LAYOUT PLAN" to the drawing set.

**ITEM NO. 2.24**

Refer to structural foundation plan sheets S-201A, B, C, D, E, and F: In Foundation Plan Note 10. revise the word "COMPOTENT" to be "COMPETENT".

**ITEM NO. 2.25**

Refer to sheet S-201B: Section cut through foundation adjacent to grid BC at the main entry area shall refer to section S/S-304.

**ITEM NO. 2.26**

Refer to sheet S-201D: In the area of the media center there are two sections cut referring to detail F/S-408. Revise both of the sections to refer to detail F/S-304.

**ITEM NO. 2.27**

Refer to sheet S-201D: Show sump pit in base of elevator shaft.

**ITEM NO. 2.28**

Refer to sheets S-201E and S-201F: In Foundation Tag Note 10, revise the word "GIVE" to be "GIVEN".

**ITEM NO. 2.29**

Refer to sheet S-201E: In Storm Mechanical Room E111 (where Foundation Tag Note 11 occurs) revise slab on grade for that room only to be 8-inch thick concrete slab-on-grade reinforced with #5@10" O.C. EACH WAY centered in the slab depth. Eliminate the saw joints for the slab in that room only.

**ITEM NO. 2.30**

Refer to sheet S-201E: Replace Foundation Tag Note 11 text with the following:

*ELEVATED WATER STORAGE TANK, SEE M.E.P. DRAWINGS. APPROXIMATE FILLED WEIGHT = 8,000 LBS (EACH TANK). CONTRACTOR SHALL PROVIDE ENGINEERED STEEL FRAMING SYSTEM FOR SUPPORT OF ELEVATED TANKS. POSTS SUPPORTING FRAMING SHALL BE ANCHORED TO THE SLAB-ON-GRADE WITH POST-INSTALLED ANCHORS.*

**ITEM NO. 2.31**

Refer to sheet S-201D: Show sump pit in base of elevator shaft.

**ITEM NO. 2.32**

Refer to sheet S-201F: Delete section F/S-304 where it is marked in the Girls Locker #2 (Room G105A) area.

**ITEM NO. 2.33**

Refer to sheet S-201F: At the two volleyball inserts in the gym area, add hexagonal Foundation Tag Note 12. Add Foundation Tag Note 12 text as follows:

*16"x16"x18"± DEEP THICKENED SLAB BELOW VOLLEYBALL NET SUPPORT POSTS. COORDINATE LOCATIONS WITH ARCH DWGS. COORDINATE REQUIRED DEPTH AND EMBEDS WITH NET/POST SUPPLIER.*

**ITEM NO. 2.34**

Refer to sheet S-201F: In plan northwest corner of Custodial Receiving (Room F105) revise footing at exterior wall to be WF25 for the full length of the wall. (Footing elevation step still occurs as shown.)

**ITEM NO. 2.35**

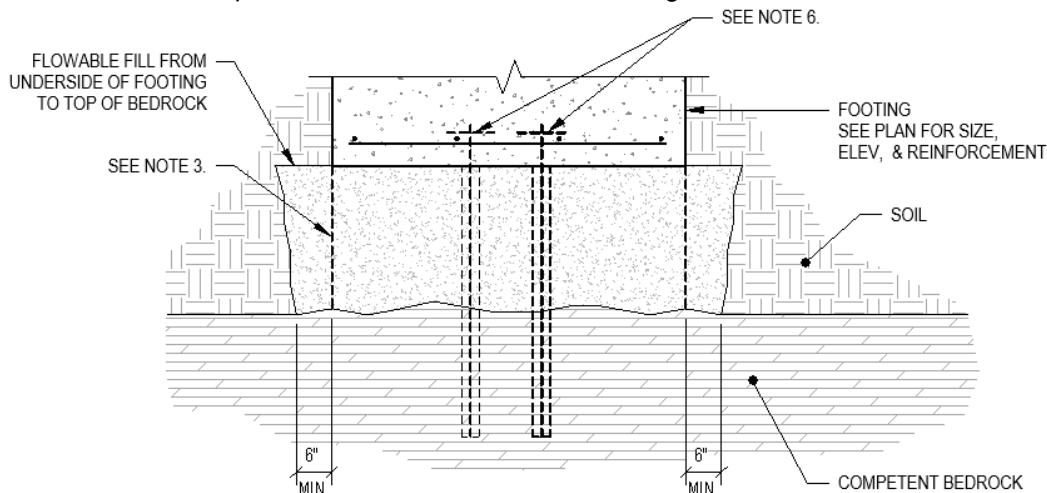
Refer to sheet S-201F: Revise plan east wall of Custodial Receiving (Room F105) to having top of footing elevation = (-2'-0"). Revise adjacent footing step locations accordingly.

**ITEM NO. 2.36**

Refer to sheet S-201F: In plan northeast corner of IDF (Room F108) add "SF" for footing step where interior wall ties into the exterior wall.

**ITEM NO. 2.37**

Refer to sheet S-301: Replace detail J/S-301 with the following:

**NOTES:**

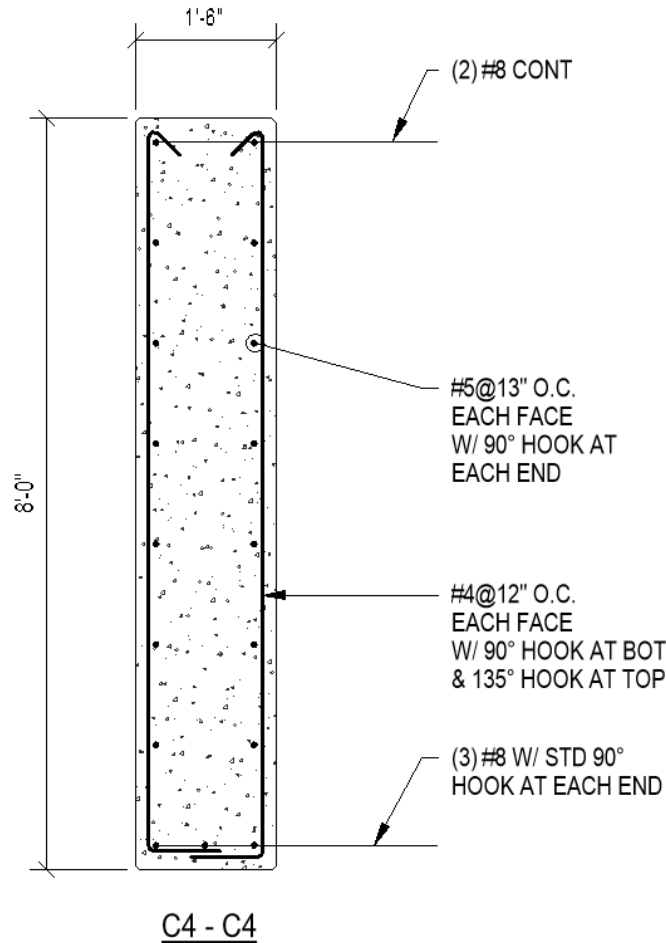
1. SEE SPECIFICATIONS FOR FLOWABLE FILL (250 PSI) MIX DESIGN.
2. WHERE BOTTOM OF FOOTING BEARS DIRECTLY ON OR INTO COMPETENT ROCK, CONTRACTOR SHALL OMIT FILL BELOW FOOTING.
3. AT CONTRACTOR'S OPTION, CONCRETE ( $f_c = 3,000$  PSI) FOOTING THICKNESS CAN BE INCREASED TO EXTEND TO ROCK SURFACE IN LIEU OF PLACING FLOWABLE FILL. REBAR SHALL BE CHAIRED OR TIED TO OCCUR IN THE INTENDED DESIGN LOCATION.
4. FLOWABLE FILL PLAN DIMENSIONS SHALL EXTEND 6" MINIMUM BEYOND EACH EDGE OF FOOTING.
5. IT SHALL BE CONTRACTOR'S RESPONSIBILITY TO MEASURE/CALCULATE AMOUNT OF FLOWABLE FILL/FOUNDATION CONCRETE ACCORDING TO THE ROCK ELEVATIONS CONVEYED IN THE GEOTECHNICAL REPORT AND FOOTING ELEVATIONS CONVEYED IN THE DRAWINGS. CONTRACTOR SHALL INCLUDE COST FOR ALL REQUIRED FLOWABLE FILL/FOUNDATION CONCRETE IN THE BASE BID (SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION).
6. SEE DRAWING SHEET S-201 FOR MICROPILE OPTION AT LIMITED AREAS.

**ITEM NO. 2.38**

Refer to detail H/S-302: Revise dimension for stair height to be 7" MAX (in lieu of 6 255/256" MAX).

**ITEM NO. 2.39**

Refer to detail C/S-303: Replace view C4-C4 with the following:

**ITEM NO. 2.40**

Refer to detail E/S-303: Regarding the dimension shown for drilled pier embedment into the rock surface, delete text "1'-0" MIN COMPETENT ROCK" replace this text with the following "ROCK EMBEDMENT DEPTH VARIES, INSTALL CANOPY SUPPORT DRILLED PIERS TO THE EXACT ELEVATIONS INDICATED ON PLAN".

**ITEM NO. 2.41**

Refer to detail B1 & B2 /S-304: Replace 1'-8" dimension at the top of the wall with the following:

1'-4" AT B1

1'-8" AT B2

**ITEM NO. 2.42**

Refer to detail H/S-304: Add horizontal bar low in the stem and add text "(2 MIN HORIZ BAR)" to the wall reinforcement callout note. (Similar to detail S/S-304.)

**ITEM NO. 2.43**

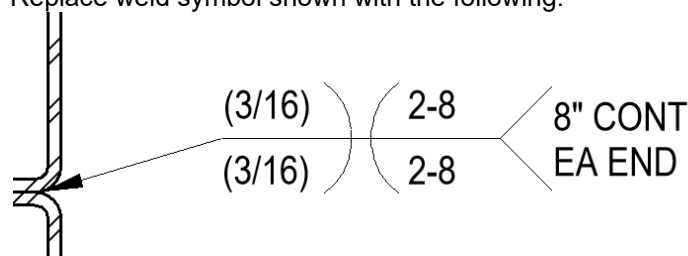
Refer to detail M/S-304: Add horizontal bars low in the stem and add text "(2 MIN HORIZ BAR, EACH FACE)" to the wall reinforcement callout note. (Similar to detail S/S-304.) Add 8" dimension from top of slab to top of concrete stem wall at slab overpour on wall.

**ITEM NO. 2.44**

Refer to detail S/S-304: Add 8" dimension from top of slab to top of concrete stem wall at slab overpour on wall.

**ITEM NO. 2.45**

Refer to detail F/S-401: Replace weld symbol shown with the following:



**ITEM NO. 2.46**

Refer to detail M/S-401: Replace deck fastening table shown in this view with the following:

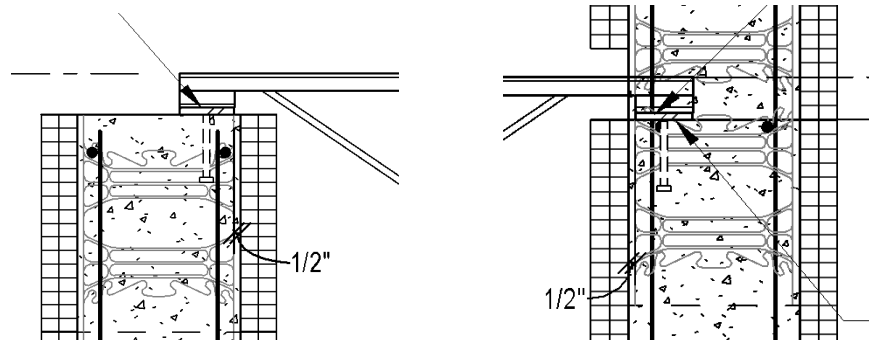
DECK TYPE	PANEL ENDS AND INTERMEDIATE SUPPORTS	DECK SIDE LAPS
1.5WR20	#12 TEK SCREW OR P.A.F. PIN @ 36/4 PATTERN	#10 TEK SCREW @ 36" O.C. MAX
FLOOR	5/8"Ø PUDDLE WELD @ 36/4 PATTERN	1 1/4" LONG ARC SEAM WELD @ 36" O.C. MAX
2.0AD18	#12 TEK SCREW OR P.A.F. PIN @ 24/4 PATTERN	#10 TEK SCREW @ 24" O.C. MAX

**ITEM NO. 2.47**

Refer to detail L/S-402: In Note 2., change detail reference "X/S401" to be "E/S-401".

**ITEM NO. 2.48**

Refer to detail A/S-403: Adjust joist bearing plates to be set back 1/2" from face of concrete wall. (Partial views shown below. Remainder of detail is unchanged.)

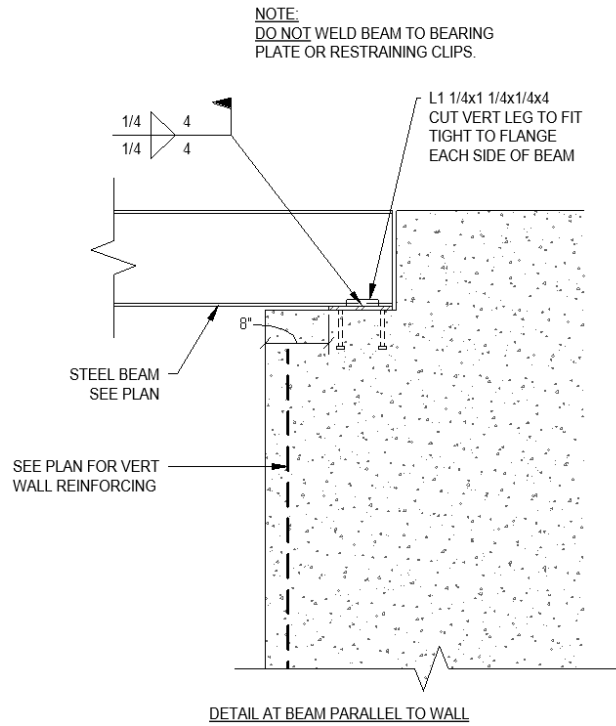


**ITEM NO. 2.49**

Refer to detail B/S-403: Revise anchors connecting L2 1/2x2 1/2 bridging termination angle to concrete wall to be "5/8"Øx4" *EMBED CONCRETE SCREW ANCHORS*", in lieu of the currently noted sleeve anchors.

**ITEM NO. 2.50**

Refer to detail M/S-403: Replace "Detail at beam parallel to wall" portion of detail with that shown below:



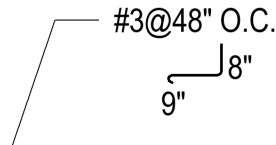
**ITEM NO. 2.51**

Refer to detail B/S-404: Add the following:

**NOTE:**  
AT CONTRACTOR'S OPTION #3 KEYWAY  
BARS MAY BE POST-INSTALLED INTO  
C.M.U. BOND BEAM VIA ADHESIVE WITH  
5" EMBED.

**ITEM NO. 2.52**

Refer to detail G/S-404: Revise notes calling out hooked bars into plank spanning parallel to wall to be as follows



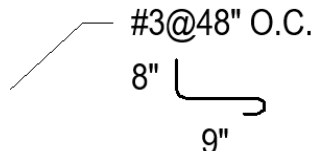
**ITEM NO. 2.53**

Refer to detail K/S-404: Add reinforcing in topping slab as follows:

#4 x 5'-0" @ 12" O.C. CENTER OVER BEAM

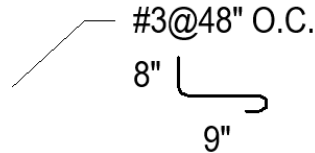
**ITEM NO. 2.54**

Refer to detail B/S-405: Revise note calling out hooked bars into plank spanning parallel to wall to be as follows:

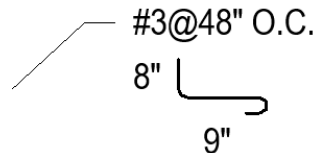


**ITEM NO. 2.55**

Refer to detail H/S-405: Revise note calling out hooked bars into plank spanning parallel to wall to be as follows:

**ITEM NO. 2.56**

Refer to detail J/S-405: Revise note calling out hooked bars into plank spanning parallel to wall to be as follows:

**ITEM NO. 2.57**

Refer to detail K/S-405: At plank bearing add "PRECAST EMBED WELD PLATE @ 48\" O.C.". (Similar to detail N/S-404.)

**ITEM NO. 2.58**

Refer to detail L/S-405: At plank bearing add "DRYPACK" between plank and support plate. (Similar to detail N/S-404.)

**ITEM NO. 2.59**

Refer to detail M/S-405: Delete erroneous 3/16" fillet weld symbol at top of the view.

**ITEM NO. 2.60**

Refer to detail B/S-408: Note for L6x4 slab edge angle to be "L.D.H." (long dimension horizontal).

**ITEM NO. 2.61**

Refer to detail C/S-408: Revise leader from bond beam note on right side of detail to point to the bond beam at the first course below the plank elevation. Call for slab edge angle along to of HSS to be: "L4x3x1/4 L.D.V. CONT FOR LENGTH OF CHASE OPENING". Weld angle to HSS with 3/16" fillet weld at 2-12 spacing.

**ITEM NO. 2.62**

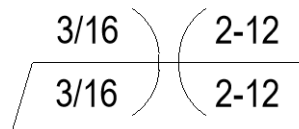
Refer to detail K/S-408: Clean graphics in view to shown joist extending to bear on wall.

**ITEM NO. 2.63**

Refer to detail L/S-409: Revise view name to be "PLAN DETAIL". Note each HSS6x4 to be "L.D.V." (long dimension vertical).

**ITEM NO. 2.64**

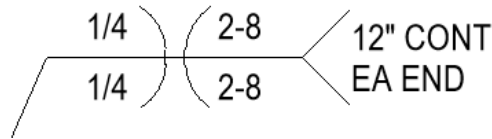
Refer to detail A/S-416: Revise stacked tube weld to be flare-V weld rather than flare-bevel weld as follows:





**ITEM NO. 2.65**

Refer to detail C/S-416: Revise stacked tube weld to be flare-V weld rather than flare-bevel weld as follows:

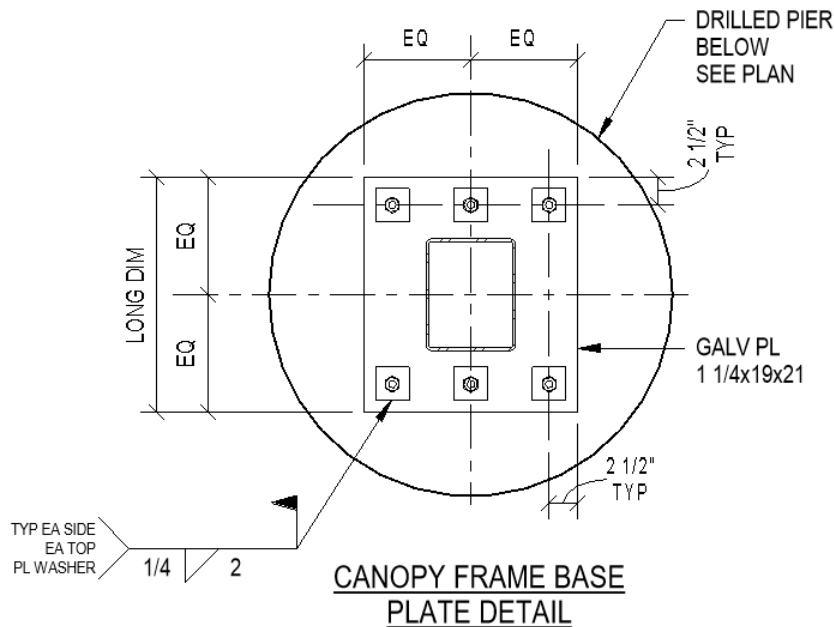


**ITEM NO. 2.66**

Refer to detail A/S-417: Add L3x3x1/4 diagonal brace between lower end of view left hanger to upper end, near underside of roof, of middle hanger.

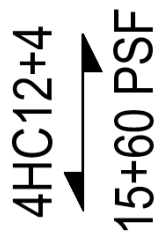
**ITEM NO. 2.67**

Refer to detail C/S-503: Callout welds between top plate washers at anchor assembly to the base plate as follows:



**ITEM NO. 2.68**

Refer to sheets S-202A, S-202C, and S-202D: Revise the design live load noted for the planks in these restroom areas to be 60 PSF.



**ITEM NO. 2.69**

Refer to sheet S-202A. Revise section cut through wall separating Room A218A and stair shaft STA1 (plan west stair shaft) to be A/S-405 in lieu of C/S-405. Flip section direction such the it is cut looking toward the page east.

**ITEM NO. 2.70**

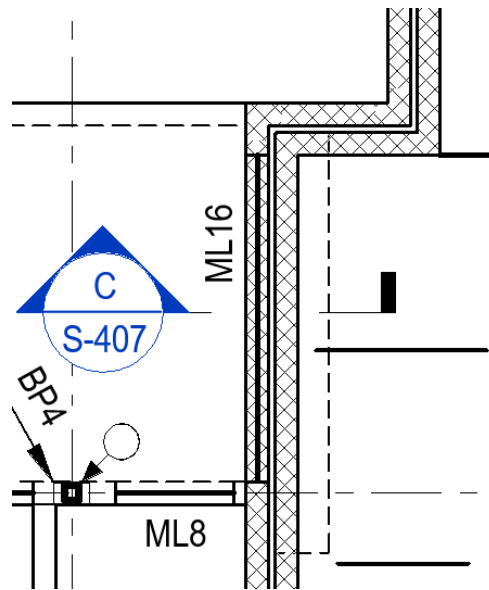
Refer to sheet S-202A. Add "ML16" lintel over door opening in cmu wall where section E/S-408 occurs. (Two locations at the plan east end of the corridor. Masonry wall parallels concrete wall that supports fire separation doors.)

**ITEM NO. 2.71**

Refer to sheet S-202E. Revise "CB" over each door opening between storm shelter and corridor to be "CB2". (Applies over two openings.)

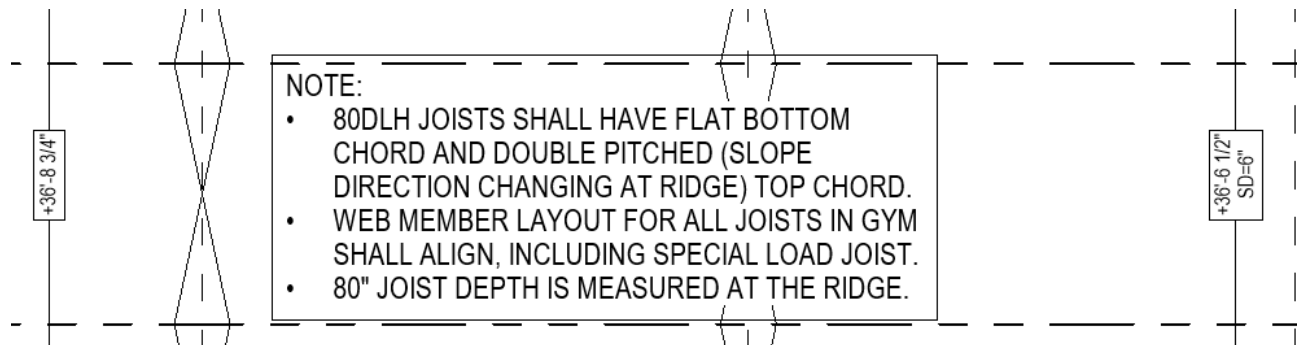
**ITEM NO. 2.72**

Refer to sheet S-203A. Add "ML16" lintel over door opening in cmu wall where section C/S-407 occurs. (Two locations at the plan east end of the mechanical platform. Revised, plan north location shown in image below.) At corners of cmu wall near these openings, revise wall hatching to show the corners built continuous (the cmu walls do not stop short of the corners).



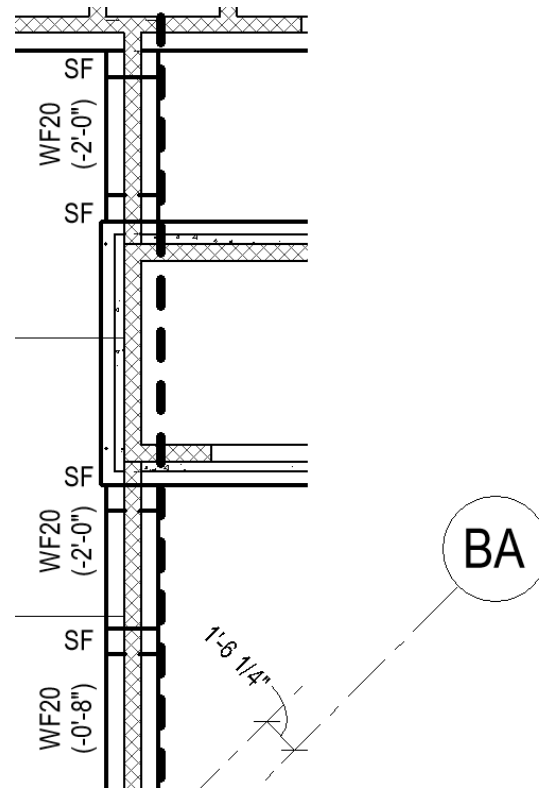
**ITEM NO. 2.73**

Refer to sheet S-204F. In center of gym area add note on plan as follows:



**ITEM NO. 2.74**

Refer to sheet S-201C. Revise segment of wall footing just plan south of elevator shaft to have top of footing at (-2'-0") in lieu of (-4'-0").

**ITEM NO. 2.75**

Refer to detail A/S-406. Revise depth of seat joist at workpoint to be 4½”.

**ITEM NO. 2.76**

Refer to detail C/S-406. For blocking attachment to continuous plate along wall, revise welds in Section C-C to match that shown in adjacent Section D-D.

**ITEM NO. 2.77**

Refer to detail C/S-406: Where “SEE DET G/S-406” is shown calling out angle along top of lower joists, revise referenced detail to be L/S-412 in lieu of G/S-406.

**ITEM NO. 2.78**

Refer to detail J/S-406: Where boxed note states “SEE DET D/S-406 FOR ADDITIONAL INFORMATION”, revise referenced detail to be C/S-406 in lieu of D/S-406.

**ITEM NO. 2.79**

Refer to detail A/S-407: Delete erroneous 316” both-sided, field installed, fillet weld symbol (the symbol with a flag). All other weld symbols to remain.

**ITEM NO. 2.80**

Refer to Specification Section 01 2300 “Alternates.” Revise Section 3.1.A as follows:

A. Alternate No. 1: Laminate Clad Casework

1. Base Bid: Include coordination of owner-furnished, owner-installed “Manufactured Laminate-Clad Casework” and countertops as specified under Section 12 3216, coordination of owner-furnished, owner-installed “Instrument Storage Cabinet System” as specified under Section 12 3583, and coordination of owner-furnished, owner -installed 06 4116 “Plastic-Laminate-Clad Architectural Cabinets”. Installation and shop drawings are not to be included in the Base Bid. Installation and coordination of all mechanical and

electrical connections are to be included in the Base Bid even if the Alternate is not accepted, and the casework and shop drawings are provided by Owner.

2. Alternate: Provide manufactured case work as shown on the Drawings, related details, and as specified in Section 12 3216 "Manufactured Laminate Clad Casework", Section 12 3583 "Instrument Storage Cabinet System" countertops under Section 12 3216, and Section 06 4116 "Plastic-Laminate-Clad Architectural Cabinets".
  - a. The furnishing of this casework, and the related shop drawings, delivery and installation SHALL NOT be included in the Base Bid.
  - b. The coordination of utilities, delivery and installation schedules, and the provision of all mechanical/electrical service connections, SHALL be included in the Base Bid even if the alternate is not accepted and the manufactured casework is provided by the Owner via direct purchase.
  - c. See specification sections describing Finish Carpentry or Architectural Woodwork for miscellaneous items unrelated to laminate clad casework but that SHALL be included in the Base Bid such as standing and running trim, window sills, etc.

**ITEM NO. 2.81**

See attached letter form LE Gregg regarding Deep Foundations and Lime Modification. Geotechnical Report Addendum is attached for reference.

**ITEM NO. 2.82**

Autocad DWG files are available of Sheets C-300 through C-304. Contractor shall submit the attached Electronic File Disclaimer to [chris@carmansite.com](mailto:chris@carmansite.com) to obtain the DWG file.

**ITEM NO. 2.83**

Refer to Sheet C-203, Layout Plan Enlargements, Service Area Enlargement 'A'. Provide 2" o.d. post in middle of loading berths, 42" above finish surface. Weld eyelet loop to each side of post for chain attachment. See detail C on Sheet C-604 for additional information.

**ITEM NO. 2.84**

Refer to Sheet C-300, Contextual Grading Plan. Modify Grading Note #3 as follows; Excess excavated material can be wasted on-site in a location approved by the owner. Delete Grading Note #6 in its entirety.

**ITEM NO. 2.85**

Refer to Sheets C-300-C304, Grading Plans. Delete Special Excavation Notes in there entirety. Refer to Specification 31 2000 in this addendum for additional clarification.

**ITEM NO. 2.86**

Refer to attached Sheet C-601.1, Site Details. Revise Detail G as shown.

**ITEM NO. 2.87**

Refer to attached Sheet C-602.1, Site Details. Revise Detail F as shown.

**ITEM NO. 2.88**

Refer to attached Sheet C-603.1, Site Details. Revise Details A and B as shown.

**ITEM NO. 2.89**

Refer to attached Specification Section 31 2000 Earth Moving. Delete undercutting of slabs and exterior concrete and add lime modification as described.

**ITEM NO. 2.90**

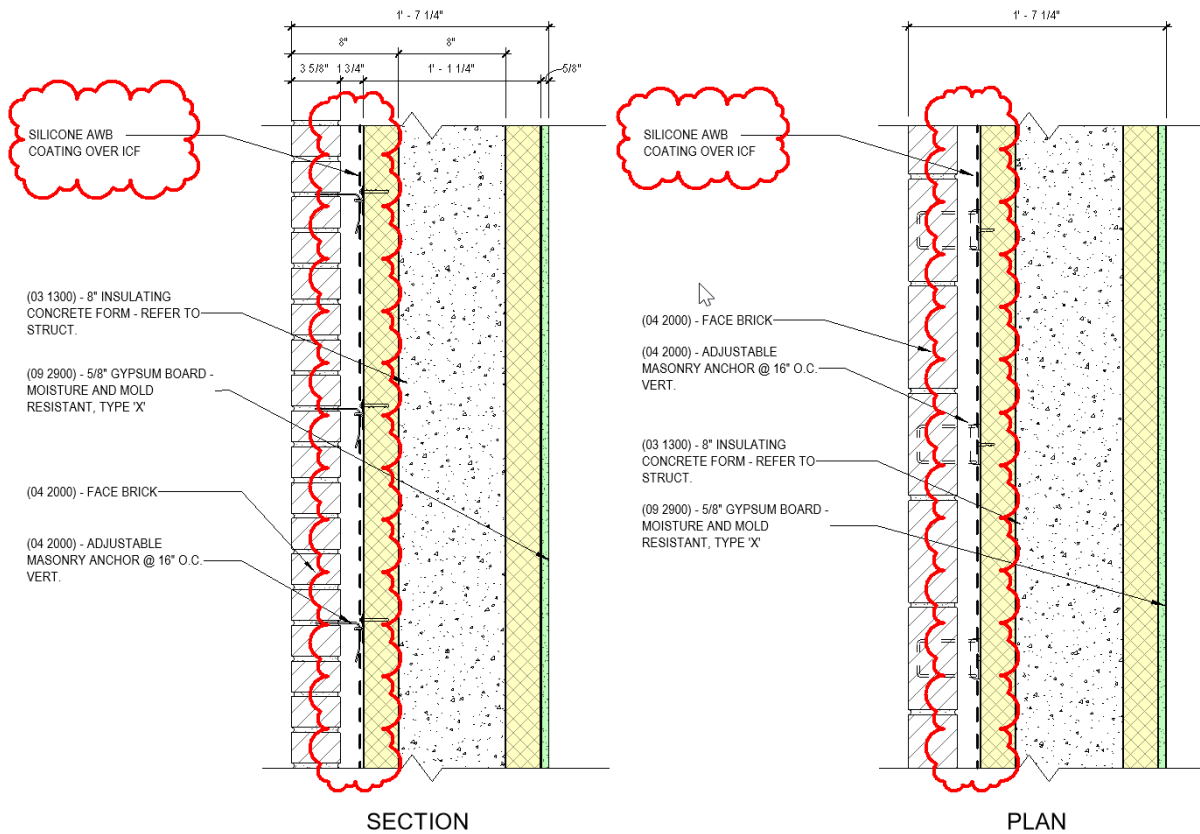
Refer to 00 4113 – KDE Form of Proposal. Add 22. Lime modification to the existing on-site soil, including material and labor. \_\_\_\_\_/ton.

**ITEM NO. 2.91**

Refer to Substitution spreadsheet for Approved and Not Approved substitutions.

**ITEM NO. 2.92**

Refer to Drawing A-501, ICF Wall Types E1, E2, E3, E4, E5, E6, E7, E8, & E9. For each wall type, add to the exterior surface of the ICF insulation form a fluid-applied Silicone Air and Water-Resistive Barrier Coating, equal to GE Elemax\* 2600, coating the entire ICF exterior surface. An example detail (Wall Type E1) is shown below:



**ITEM NO. 2.93**

Refer to Drawing A-501, ICF Wall Types E3, E4; Drawing A-502, Wall Types E14, E15, E17, E18. Change Keynote "(07 4113.19) – CONT. HIGH TEMPERATURE UNDERLAYMENT" to read "(07 2713) – SELF-ADHERING SHEET AIR BARRIER"

**ITEM NO. 2.94**

Refer to Specification Section 07 2713 – "Modified Bituminous Sheet Air Barriers". Add to the List of Products under Section 2.3.A.1. the following:

- f. IMETCO - IntelliWrap SA.



## Pre-Construction Questions/Answers

FCPS NEW MIDDLE SCHOOL – POLO CLUB  
 BG #21-176 | FCPS # 20-21 | JRA #202078

No.	Question	Responsible	Answer
1	<p>Per Specification 316329, Drilled Concrete Piers and Shafts, Section 1.3.B, adjustments will be made to the base bid if the actual bearing elevation is determined to be deeper than indicated. This would require a unit price for additional drilled pier excavation, which is not included in the list of unit prices.</p>	Brown+Kubican	<p>The project is unclassified excavation and intended drilled pier elevations for the canopy columns are give on the drawing set (sheet S-201F). Those are the exact elevations that these drilled piers are intended to be installed, regardless of the subsurface conditions encountered.</p> <p>(The canopy support drilled piers are designed to be adequate for near all possible encountered conditions; except extreme anomalies such as a sink hole directly at the shaft).</p> <p>In the event of an extreme anomaly that does require a change in the Work. It will be handled as a negotiated Change Order at that time, not via unit prices. Such change in Work shall require approval of the Architect prior to performing the Work.</p>
2	<p>The documents do not indicate a budget, allowance, or quantity for the micro-piles. Can the engineer generate these quantities so the contractors are bidding on a level playing field?</p>	Brown+Kubican	<p>See sheet S-201, issued via Addendum 2, for relevant information that addresses this question.</p>

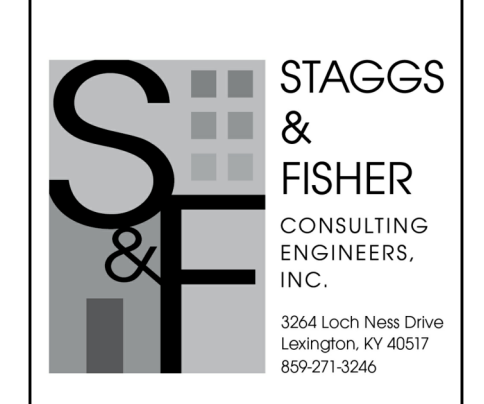
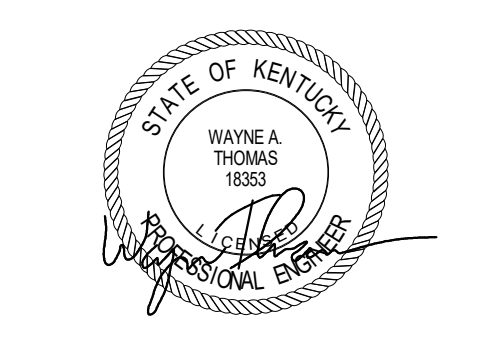
3	Will the engineer accept a drilled pier alternate to the micro-piles, and if so, generate a typical drilled pier replacement design?	Brown+Kubican	<p>Drilled piers were not incorporated into the original design for support of the building structure as the geotechnical report did not give guidance regarding the drilled pier design.</p> <p>Per an addendum Dated October 11, 2021, geotechnical information for drilled piers has been provided. Guidance for a drilled pier option is now given on Construction Drawing sheet S-201.</p> <p>(It is not feasible to re-design the footings as grade beams prior to bid, therefore drilled pier spacing is limited by the span capacity of the footing.)</p>



- GENERAL NOTES:**
- THE CONTRACTOR SHALL COORDINATE ALL SITE UTILITY WORK REQUIRED WITH LOCAL UTILITY COMPANIES TO MEET PROJECT SCHEDULE. ALL REQUIRED SUBMITTALS AND ASSOCIATED FEES BY THIS CONTRACTOR.
  - LOCATION OF UTILITIES ARE APPROXIMATE AND SUBJECT TO MINOR CHANGES IN THE FIELD. DO NOT SCALE THE DRAWINGS.
  - THE CONTRACT DOCUMENTS SHOW THE APPROXIMATE LOCATION OF THE EXISTING AND NEW SUBSURFACE UTILITY LINES. THESE LINES HAVE BEEN IDENTIFIED AND LOCATED AS ACCURATELY AS POSSIBLE USING AVAILABLE INFORMATION. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL ACTUAL LOCATIONS IF ANY CHARTERED, UNCHARTERED, OR MISLOCATED UTILITY SERVICE IS INTERRUPTED FOR ANY REASON. THE CONTRACTOR WILL WORK CONTINUOUSLY TO RESTORE SERVICE TO SATISFACTION OF THE OWNER.
  - SHOULD EXISTING UTILITIES REQUIRE RELOCATION OR REROUTING NOT SHOWN OR INDICATED TO BE RELOCATED OR REROUTED, CONTACT AND COOPERATE WITH THE OWNER TO MAKE THE REQUIRED ADJUSTMENTS AT AN EQUITABLE CHANGE IN THE CONTRACT PRICE.
  - EXISTING UTILITIES SHOWN MAY ACTUALLY BE IN DIFFERENT LOCATIONS AND ADDITIONAL UTILITIES NOT SHOWN MAY EXIST AND MAY BE IN USE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROTECT ALL UTILITIES DURING CONSTRUCTION.
  - THE CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL EXISTING UNDERGROUND UTILITIES PRIOR TO EXCAVATING. THE OWNER WILL NOT LOCATE THE UTILITIES FOR THE CONTRACTOR. IF AN OUTSIDE SERVICE OR COMPANY IS REQUIRED TO ACCURATELY LOCATE BURIED UTILITIES THE CONTRACTOR IS RESPONSIBLE FOR SCHEDULING THIS WORK AND IS RESPONSIBLE FOR THE COSTS. THE CONTRACTOR SHOULD CONTACT APPROPRIATE UTILITY COMPANIES BEFORE DOING ANY EXCAVATING.
  - TOP ELEVATIONS OF NEW UNDERGROUND STRUCTURE ARE APPROXIMATE AND ARE FOR ESTIMATING PURPOSES ONLY. ACTUAL TOP ELEVATIONS MUST BE THE SAME AS FINISHED GRADE IN THE SAME AREA. SEE ARCHITECTURAL PLANS FOR FINISHED GRADES.
  - INSTALL DOMESTIC WATER PIPING WITH 3'-6" MINIMUM COVER.
  - INSTALL FIRE PROTECTION WITH 4'-0" MINIMUM COVER.
  - INSTALL NATURAL GAS PIPING WITH 2'-0" MINIMUM COVER.
  - INSTALL SITE SANITARY PIPING WITH 3'-0" MINIMUM COVER.
  - INSTALL UNDERGROUND FEEDERS WITH 2'-0" MINIMUM COVER. PRIMARY ELECTRIC FEEDER SHALL HAVE MINIMUM OF 42" OF COVER.
  - EXCAVATION MATERIALS TO BE EXCAVATED SHALL INCLUDE EARTH AND ANY OTHER MATERIAL, INCLUDING ROCK ENCOUNTERED IN TRENCH EXCAVATION.
  - SITE LIGHTING CIRCUITS SHALL BE #6 CONDUCTORS IN 1-1/4" CONDUITS.
  - TESTING OF EXTERIOR SEWER MANHOLES SHALL BE AS FOLLOWS:
    - EXTERIOR SANITARY SEWER SHALL BE PLUGGED BETWEEN MANHOLES AND SUBJECTED TO AN AIR PRESSURE TEST WITH ALL OPENINGS TIGHTLY CLOSED. AIR SHALL BE PUMPED IN UNTIL THE PRESSURE IS NOT LESS THAN 5 POUNDS PER SQUARE INCH. THE AIR PRESSURE GAGE SHALL REMAIN CONSTANT WITHOUT PUMPING ADDITIONAL AIR INTO THE SYSTEM.
    - MANHOLE SHALL BE PLUGGED AND FILLED WITH WATER AND A VISUAL INSPECTION MADE FOR LEAKS. ALL LEAKS SHALL BE CORRECTED.
    - ALL TESTS SHALL BE DONE PRIOR TO BACKFILLING.
  - PROVIDE INSULATED COPPER TRACER WIRE WHERE REQUIRED BY PLUMBING CODE.
  - PROVIDE SLEEVE ON WATER SERVICE PIPING WHERE WATER AND SEWER PIPING INTERSECT AS REQUIRED BY PLUMBING CODE.
  - ALL ASSOCIATED UTILITY SUBMITTALS, COORDINATION, TAP FEES AND CONSTRUCTION COST FOR UTILITIES BY OTHERS SHALL BE RESPONSIBILITY OF THIS CONTRACTOR.
- CODED NOTES:**
- CIRCUIT FOR 120V RECEPTACLE IN RECEPTACLE BOLLARD. RECEPTACLE BOLLARD IS TO BE ANCHORED IN CONCRETE POLE BASE AS LIGHT POLE. EXTEND POLE BASE TO ACCOMMODATE BOLLARD. RUN CIRCUIT USING #6 CONDUCTORS FOR THE ENTIRE CIRCUIT.
  - CIRCUIT FOR SITE LIGHTING USE #6 CONDUCTORS FOR ENTIRE CIRCUIT.
  - PROVIDE POLE BASE PER "POLE BASE DETAIL - TYPE A".
  - PROVIDE POLE BASE PER "POLE BASE DETAIL - TYPE B".
  - RUN DATA CABLES UP INSIDE LIGHT POLE TO A SURFACE MOUNTED 4" X 4" WEATHERPROOF BOX MOUNTED ON POLE AT 12' ABOVE GRADE. TERMINATE CABLES ON JACKS INSIDE BOX. MAKE PENETRATION THROUGH POLE AND APPLY RUST PREVENTING TOUCH-UP PAINT PER MANUFACTURER'S RECOMMENDATIONS. DATA IS FOR FUTURE OWNER PROVIDED WIFI.
  - CONTRACTOR SHALL COORDINATE WITH KAWC FOR NEW SERVICE LINE. FIRE HYDRANTS AND DOMESTIC WATER METER SET AS REQUIRED. ALL SUBMITTALS AND FEES BY THIS CONTRACT. ALL WORK BY KAWC.
  - NEW FIRE HYDRANT BY KAWC.
  - NEW FIRE PROTECTION VAULT WITH PDC AND PIV. SEE DETAIL ON SHEET U-202.
  - DOMESTIC WATER METER BATTERY SET BY KAWC.
  - CONNECT NEW 6" PP PER KAWC REQUIREMENTS.
  - CONNECT NEW 4" W. PER KAWC REQUIREMENTS.
  - NEW 8" W. BY KAWC. KAWC REQUIRES A 20 FT UTILITY EASEMENT.
  - THRUST BLOCK (TYPICAL). SEE DETAIL ON SHEET U-200.
  - VALVE AND VALVE BOX (TYPICAL). SEE DETAIL ON SHEET U-202.
  - CONTRACTOR SHALL COORDINATE WITH COLUMBIA GAS FOR NEW GAS SERVICE AND GAS METER SET AS REQUIRED. ALL SUBMITTALS AND ASSOCIATED FEES BY THIS CONTRACT. WORK BY COLUMBIA GAS.
  - NEW GAS METER SET BY COLUMBIA GAS. CONTRACTOR SHALL PROVIDE BUILDING SIDE REGULATOR AND EXTEND NEW 3" G. LINE TO BUILDING PER COLUMBIA GAS SPECIFICATIONS. SEE DETAIL ON SHEET U-202.
  - NEW 3" G. SERVICE LINE. INSTALLATION AND FINAL ROUTING BY COLUMBIA GAS.
  - UTILITY MARKER. SEE DETAIL ON SHEET U-200.
  - CONTINUE CIRCUIT TO LIGHT FIXTURES IN VAULT. RECEPTACLE AND LIGHT TO BE ON THE SAME CIRCUIT.
  - PROVIDE AND INSTALL WEATHERPROOF/GFI RECEPTACLES INSIDE FIRE PROTECTION VAULT FOR CONVENIENCE AND FOR FIRE PROTECTION SUMP PUMP. USE #8 CONDUCTORS.
  - RUN (1) 4" CONDUIT FROM IDF F108 TO 4" PAST DRIVE AND SIDEWALK. RUN CONDUIT 24" BELOW GRADE. CONDUIT IS TO BE TERMINATED UNDERGROUND AND CAPPED WITH PROPER PIPE CAPPING. PROVIDE PROPER UTILITY MARKER ON GRADE.
  - THE SUMP PUMP DISCHARGE INTO STORM STRUCTURE UNDERGROUND.
  - PROVIDE AND INSTALL ONE TAMPER SWITCH AND ONE FLOW SWITCH TO PIV IN FIRE PROTECTION VAULT.
  - RUN (1) 4" CONDUIT FROM MECHANICAL ROOM TO 4" PAST DRIVE. RUN CONDUIT 24" BELOW GRADE. CONDUIT IS TO BE TERMINATED UNDERGROUND AND CAPPED WITH PROPER PIPE CAPPING. PROVIDE PROPER UTILITY MARKER ON GRADE.
  - 1000 GAL UNDERGROUND PROPANE TANK AND FILL STATION. INSTALLATION BY OTHERS. ALL ASSOCIATED COST BY THIS CONTRACT. SEE SCHEMATIC DETAIL ON SHEET U-202.
  - ACID WASTE DILUTION PIT. SEE DETAIL ON SHEET U-200. SEE UNDERFLOOR PLUMBING PLAN P-2000A FOR CONTINUATION.
  - 1" PROPANE GAS LINE TO REGULATOR AT BUILDING. INSTALLATION BY TANK SUPPLIER. SEE DETAIL ON SHEET U-202.
  - INSTALL KENTUCKY UTILITIES ABOVE GRADE PULL BOX. PULL BOX WILL BE PROVIDED BY KU. ROUTE PRIMARY CONDUITS INTO PULL BOX COORDINATE REQUIREMENTS WITH KU.
  - TWO 4" SCH 40 PVC CONDUITS FOR KENTUCKY UTILITIES PRIMARY ELECTRIC. INSTALL 200 POUND PULL STRING IN CONDUITS. 42" MINIMUM BURY.
  - ELECTRIC SERVICE TRANSFORMER.
  - UNDERGROUND ELECTRIC SECONDARY.
  - ROUTE PRIMARY CONDUITS TO KENTUCKY UTILITIES FACILITIES. COORDINATE TERMINATION POINT AND REQUIREMENTS WITH KENTUCKY UTILITIES.
  - COORDINATE LOCATIONS OF ALL DEVICES WITHIN THE VAULT WITH THE ENGINEER PRIOR TO ROUGH-IN.
  - CAPPED 2" DCW LINE FOR FUTURE CONNECTION TO GREENHOUSE 5'-0" FROM FOUNDATION WALL. SEE SHEET P-2000C FOR CONTINUATION.
  - NEW 1500 GAL GREASE TRAP. SEE DETAIL ON SHEET U-200.
  - NEW SANITARY DROP MANHOLE. SEE DETAILS ON SHEET U-201.
  - NEW SANITARY MANHOLE. SEE DETAIL ON SHEET U-201.
  - NEW SANITARY DROP. SEE DETAIL ON SHEET U-201.
  - CONNECTION TO EXISTING SANITARY MANHOLE PER LFUCS REQUIREMENTS. COORDINATE SCHEDULING OF TIE-IN WITH LFUCG PRIOR TO CONSTRUCTION.
  - RUN ONE 4" SCH 40 PVC DUCT FOR WINDSTREAM SERVICE TO PROPERTY LINE. INSTALL 200 POUND PULL STRING IN DUCT. 30" MINIMUM BURY. MUST PROVIDE A 12" MINIMUM CLEARANCE BETWEEN THIS DUCT AND POWER CONDUIT. COORDINATE ALL WORK WITH WINDSTREAM.
  - INSTALL WINDSTREAM PEDESTAL AT THIS LOCATION. TERMINATE WINDSTREAM CONDUITS IN PEDESTAL. SEE CODED NOTES 28 AND 41 THIS SHEET.
  - RECEPTACLE IS TO BE CONTROLLED BY A LIGHTING CONTROL SYSTEM RELAY LOCATED BY PANEL THAT FEEDS THIS RECEPTACLE. SWITCHING IS TO BE CONTROLLED BY A SWITCH ON THE WALL LOCATED IN ROOM B106. SEE NOTE 5 ON SHEET E-1118.
  - INSTALL SECURITY CAMERA AT 15'-0" ABOVE GRADE.
- UTILITY CONTACTS:**
- WATER:**  
KENTUCKY AMERICAN WATER COMPANY  
COLE MITCHAM  
2200 RICHMOND ROAD  
LEXINGTON, KY 40502  
859-330-3415  
2326 MITCHAM@KAWATER.COM
- PROPRANE GAS:**  
SOUTHERN STATES  
GEORGE OWENS  
ANDREW OWENS  
859-983-3630
- ELECTRIC:**  
KENTUCKY UTILITIES  
JOE OAKLEY  
859-367-4306
- TELECOMMUNICATIONS:**  
WINDSTREAM VOICE  
JEREMY MASON 859-357-8250
- NATURAL GAS:**  
COLUMBIA GAS COMPANY  
TOM WALKER  
859-258-0238  
T.WALKER@INSOURCE.COM
- SANITARY:**  
LFUCG SANITARY SEWER TAP-ON DESK  
DIVISION OF WATER QUALITY  
TATE BUILDING  
125 LISLE INDUSTRIAL AVE., STE. 180  
859-258-3432
- SPECTRUM (FIBER):**  
MATT MERCURIO  
502-235-5671
- SPECTRUM (COAX):**  
MATT MERCURIO  
502-235-5671



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**CONSTRUCTION DOCUMENTS**  
**NEW MIDDLE SCHOOL - POLO CLUB**  
FAYETTE COUNTY PUBLIC SCHOOLS  
LEXINGTON, KENTUCKY



**SITE UTILITIES**

PROJECT	2019111
DATE	09/27/21

REVISIONS		
No.	Description	Date
1	Addendum #1	10/4/2021
2	Addendum #2	10/11/21

JRA ARCHITECTS HAS RETAINED AN ELECTRONIC VERSION OF THESE DRAWINGS. THE CLIENT AGREES NOT TO REUSE THESE DRAWINGS - IN ELECTRONIC OR ANY OTHER FORMAT - IN ANY MANNER OR FOR ANY PURPOSE OTHER THAN THAT FOR WHICH THEY WERE ORIGINALLY PREPARED. THE CLIENT AGREES NOT TO COPIER, REPRODUCE, TRANSMIT, OR OTHERWISE DISSEMINATE THESE DRAWINGS TO ANY OTHER PARTY WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT. THE CLIENT FURTHER AGREES TO WAIVE ALL CLAIMS AGAINST THE ARCHITECT RESULTING IN ANY WAY FROM ANY UNAUTHORIZED CHANGES TO OR RELIANCE ON THE ELECTRONIC FILES FOR ANY OTHER PROJECT BY ANYONE OTHER THAN THE ARCHITECT.

**SITE UTILITIES PLAN**

**U-100**

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NOTE: IF IT IS NOT INTENDED THAT THE PLANS SHOW ALL OFFSETS IN PIPES, CONDUITS, AND DUCTS REQUIRED FOR INSTALLATION OF THE WORK, DETAILS AND SECTIONS ARE INCLUDED FOR SOME AREAS TO SHOW INTENDED RELATIONSHIP OF THE WORK OF VARIOUS TRADES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SUBCONTRACTORS TO COORDINATE INSTALLATION OF THE WORK AND TO PROVIDE THE NECESSARY OFFSETS, TRANSFORMATIONS, AND FITTINGS REQUIRED. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR CORRECTION CONFLICTS BETWEEN THE WORK OF VARIOUS TRADES. DETAILS AND SECTIONS ARE SHOWN FOR THE CONTRACTORS CONVENIENCE AND SHALL NOT BE CONSIDERED COMPLETE IN EVERY DETAIL.

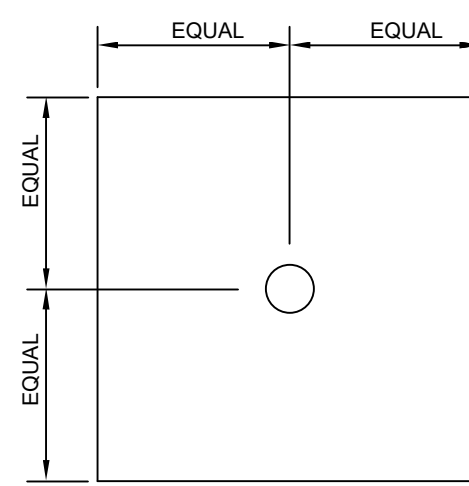
**SITE UTILITIES PLAN**  
SCALE: 1" = 50'-0"



**FIRE PROTECTION DESIGN INFORMATION:**

A. BUILDING OCCUPANCY = LIGHT HAZARD  
 B. STATIC PRESSURE = 66.1 PSI  
 C. RESIDUAL PRESSURE = 56.1 PSI  
 D. RESIDUAL FLOW = 1,256 GPM  
 E. TOTAL FLOW REQUIRED = 295 GPM  
 F. TOTAL PRESSURE REQUIRED = 62 PSI  
 G. SPRINKLER FLOW REQUIRED = 295 GPM  
 H. DESIGN AREA = 1500 SQ. FT.  
 I. DESIGN DENSITY = 0.10 GPM/SQ. FT.

NOTE: WET & DRY PIPE SYSTEM. CONTRACTOR TO ACQUIRE UP TO DATE FLOW TEST PRIOR TO AHJ SUBMITTAL.



TYPICAL SPRINKLER HEAD LOCATION(S)  
 IN 2' x 2' A.C.T. PANELS  
 NO SCALE

BUILDING SHALL BE 100% SPRINKLED IN ACCORDANCE WITH THE KENTUCKY BUILDING CODE AND NFPA 13.

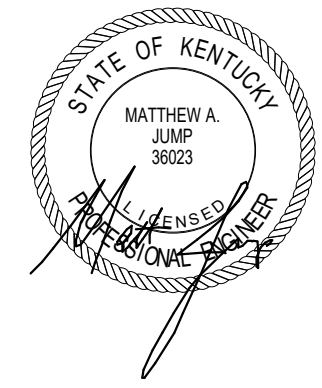
NOTE: CONTRACTOR SHALL PROVIDE SPRINKLER COVERAGE ABOVE CLOUD CEILING WHEN REQUIRED BY NFPA 13.

NOTE: THE SPRINKLER CONTRACTOR SHALL TAKE IN CONSIDERATION SPRINKLER PIPING DRAINS & TEST PIPING WHEN DESIGNING THE PIPING LAYOUT AND DOING HYDRAULIC CALCULATIONS. DRAINS AND TEST PIPING SHALL BE LOCATED IN AREAS WHERE THEY CAN BE PIPED TO DRAINS OR MOP SINKS IN SUCH A WAY THAT THEY WILL BE INCONSPICUOUS IN PUBLIC LOCATIONS. FINAL LOCATIONS SHALL BE APPROVED BY THE ENGINEER/ARCHITECT DURING SHOP DRAWING REVIEW. CONTRACTOR SHALL CLEARLY MARK LOCATIONS ON SHOP DRAWINGS.

ROOM NUMBER	ROOM SCHEDULE	ROOM NAME	ROOM NUMBER	ROOM SCHEDULE	ROOM NAME
A100A	CORRIDOR		A130	RESOURCE	
A100B	CORRIDOR		A131	CUST.	
A100C	CORRIDOR		A132	STORAGE	
A100D	CORRIDOR		A133	GUIDANCE	
A100E	CORRIDOR		A134	SCIENCE CLASSROOM	
A101	CUST.		A134A	SCIENCE STORAGE	
A102	SCIENCE CLASSROOM		A135	ELECT.	
A102A	SCIENCE STORAGE		A136	CLASSROOM	
A103	CHASE		A137	STAFF	
A104	STORAGE		A138	CLASSROOM	
A105	RESTROOMS		A139	CLASSROOM	
A105A	RR		A132A	RESOURCE	
A105B	RR		A132B	RESOURCE	
A105C	RR		A134	STORAGE	
A105D	RR		A136	SCIENCE CLASSROOM	
A105E	RR		A136A	SCIENCE STORAGE	
A105F	RR		B100A	CORRIDOR	
A106	CLASSROOM		B100A1	ENTRANCE LOBBY	
A107	MOP		B100A2	VESTIBULE	
A108	CLASSROOM		B100B	CONFERENCE	
A109	WORKROOM		B101	MD STOR.	
A110	CLASSROOM		B102	SRO	
A111	AP OFFICE		B103	RECEPTION	
A112	CLASSROOM		B104	ATTENDANCE	
A113	(COMPUTER) FLEX / MAKER		B105	FIRST AID	
A114	CLASSROOM		B105A	EXAM	
A115	RESTROOMS		B105B	EXAM	
A115A	RR		B105C	TOILET	
A115B	RR		B106	MAIL	
A115C	RR		B107	RECORDS	
A115D	RR		B108	SBDM OFFICE (BOOKKEEPER)	
A115E	RR		B109	GUIDANCE RECEPTION	
A115F	RR		B110	PRINCIPAL	
A116	CLASSROOM		B111	MENTAL HEALTH	
A117	CHASE		B112	SBDM CONFERENCE	
A118A	RESOURCE		B113	WORKROOM	
A118B	RESOURCE		B114	GUIDANCE OFFICE	
A119	STAFF		B115	PRC	
			B115A	OFFICE	
			B115B	TOILET	
			B116	STAFF	
			C100A	CORRIDOR	
			C100A1	VEST	
			C100B	CORRIDOR	
			C100C	CORRIDOR	
			C100D	CORRIDOR	
			C100E	CORRIDOR	
			C101	CUST.	
			C102	DBM	
			C103	CHASE	
			C104	CLASSROOM	
			C105	RESTROOMS	
			C105A	RR	
			C105B	RR	
			C105C	RR	
			C105D	RR	
			C105E	RR	
			C105F	RR	
			C106	CLASSROOM	
			C107	CLASSROOM	
			C108	CLASSROOM	
			C109	IDF	
			C110	CLASSROOM	
			C111	HEALTH SCIENCE	
			C112	FMD	
			C112A	TOILET	
			C113	RESOURCE (OCCUP. THERAPY)	
			C114	FMD	
			C114A	TOILET	
			C114B	STORAGE	
			C115	RESTROOMS	
			C115A	RR	
			C115B	RR	
			C115C	RR	
			C115D	RR	
			C115E	RR	
			C115F	RR	
			C116	CLASSROOM	
			C117	CHASE	
			C118	VO-AG LAB	
			C118A	VO-AG TOOLS	
			C118B	VO-STOR.	
			C119	STAFF	
			C120	VO-AG CLASSROOM	
			C121	CUST.	
			C122	CLASSROOM	
			C123	ELECT.	
			C124	CLASSROOM	
			C125	STAFF	
			C126	ART (DIGITAL)	
			C128A	OFFICE STOR.	
			C128B	ART (TRADITIONAL)	
			C128C	ART	
			D101	ART DISPLAY	
			D101A	MEDIA CENTER	
			D101B	BROADCAST STUDIO	
			D101C	MEDIA CENTER STORAGE	
			D101D	INSER	
			D101E	WORKROOM	
			D102	WORKROOM	
			D102C	SMALL STUDY	
			D102D	SMALL STUDY	
			D102E	SMALL STUDY	
			D102F	SMALL STUDY	
			D103	FLEX OFFICE	
			E100A	CORRIDOR	
			E100B	CORRIDOR	
			E101	FAMILY CONSUMER SCIENCE	
			E101A	STORAGE	
			E102	CLASSROOM	
			E103	ORCHESTRA	
			E103A	PRACTICE	
			E103B	PRACTICE	
			E103C	OFFICE	
			E103D	STAGE	
			E104	BAND ROOM	
			E104A	OFFICE	
			E104B	PRACTICE	
			E104C	PRACTICE	
			E104D	PRACTICE	
			E105	HC TOILET	
			E106	TOILET	
			E107	TOILET	
			E108	TOILET	
			E110	VOCAL ROOM	
			E111	STORM MECHANICAL	
			E11A	GENERATOR ROOM	
			F101	ELEVATOR	
			F101A	CORRIDOR	
			F101B	CAFETERIA	
			F101C	STORAGE	
			F101D	CUST.	
			F101E	STORAGE	
			F101F	IDF	
			F102	STAGE ACCESS	
			F102B	STAGE ACCESS	
			F103	KITCHEN	
			F103A	OFFICE	
			F103B	STAFF LOCKERS	
			F103C	TOILET	
			F103D	DRY FOOD STORAGE	
			F103E	DISH WASH	
			F103F	NON-FOOD STORAGE	
			F103G	COOLER	
			F103H	PREEZER	
			F104	CONCESS / BOOKSTORE	
			F105	CUSTODIAL RECEIVING	
			F106	ICE	
			F107	MECHANICAL	
			F108	IDF	
			G100A	GYM LOBBY	
			G100B	CORRIDOR	
			G101	RESTROOMS	
			G101A	FAMILY RR	
			G101B	CUSTODIAL	
			G101C	RR	
			G101D	RR	
			G101E	RR	
			G101F	RR	
			G101G	RR	
			G101H	HC RR	
			G101I	CHASE	
			G102	MD STOR.	
			G103	GYMNASIUM	
			G103A	CUST.	
			G104	PE STORAGE	
			G105	LOCKER VEST	
			G105A	GIRLS LOCKER #2	
			G105B	GIRLS TOILET	
			G105C	GIRLS LOCKER #1	
			G106	INCLUS. LOCKER	
			G106A	INCLUS. RR	
			G107	OFFICE	
			G107A	RR	
			G107B	LOCKER VEST	
			G107C	BOYS LOCKER #2	
			G107D	BOYS TOILET	
			G107E	BOYS LOCKER #1	
			G109	SOUND	
			CH100A1	VESTIBULE	
			R1	STAIR RAMP	
			STA1	STAIR	
			STB1	STAIR	
			STC1	STAIR	
			STD1	STAIR	



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CONSTRUCTION DOCUMENTS  
**NEW MIDDLE SCHOOL - POLO CLUB**  
 FAYETTE COUNTY PUBLIC SCHOOLS  
 LEXINGTON, KENTUCKY



**FIRE PROTECTION**

PROJECT 2019111

DATE 09/27/21

**REVISIONS**

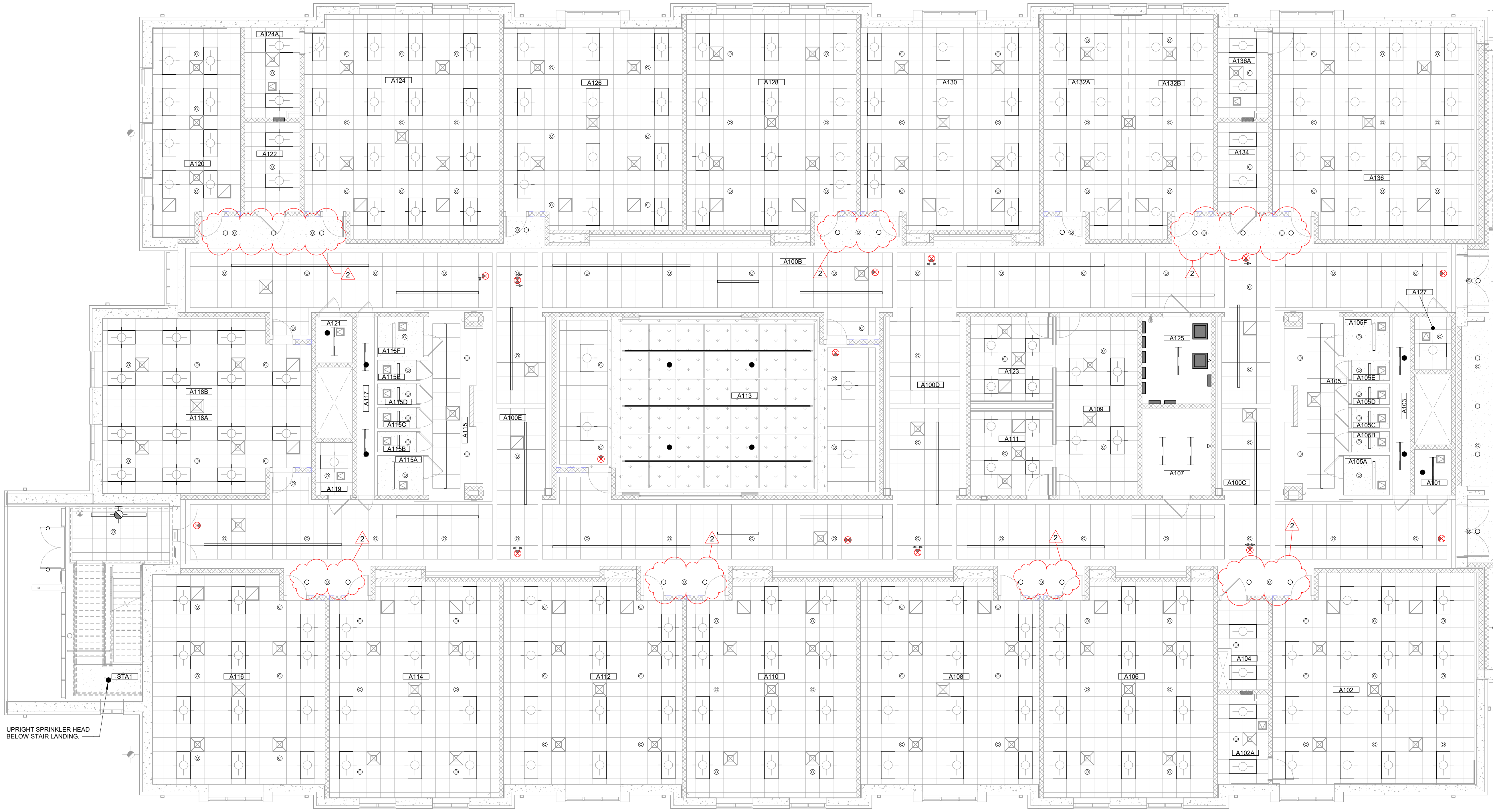
No.	Description	Date
2	Addendum #2	10/11/21

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FIRST FLOOR FIRE PROTECTION PLAN - AREA A

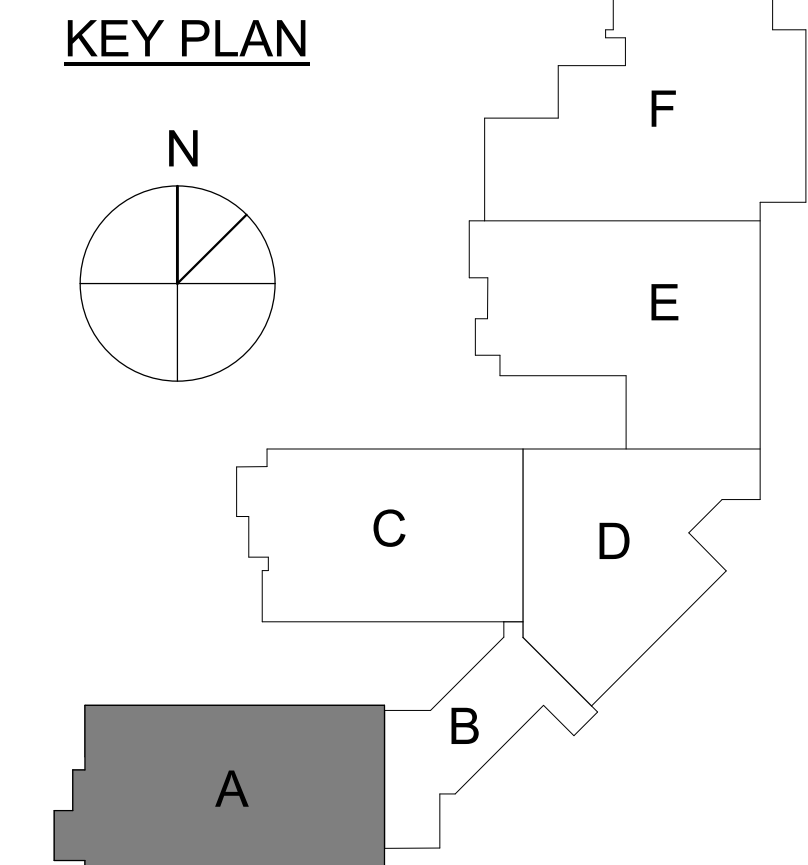
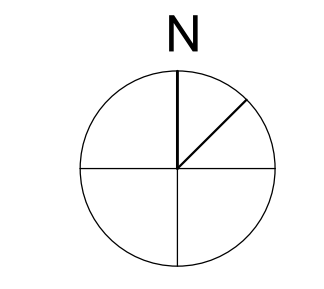
**FP-111A**

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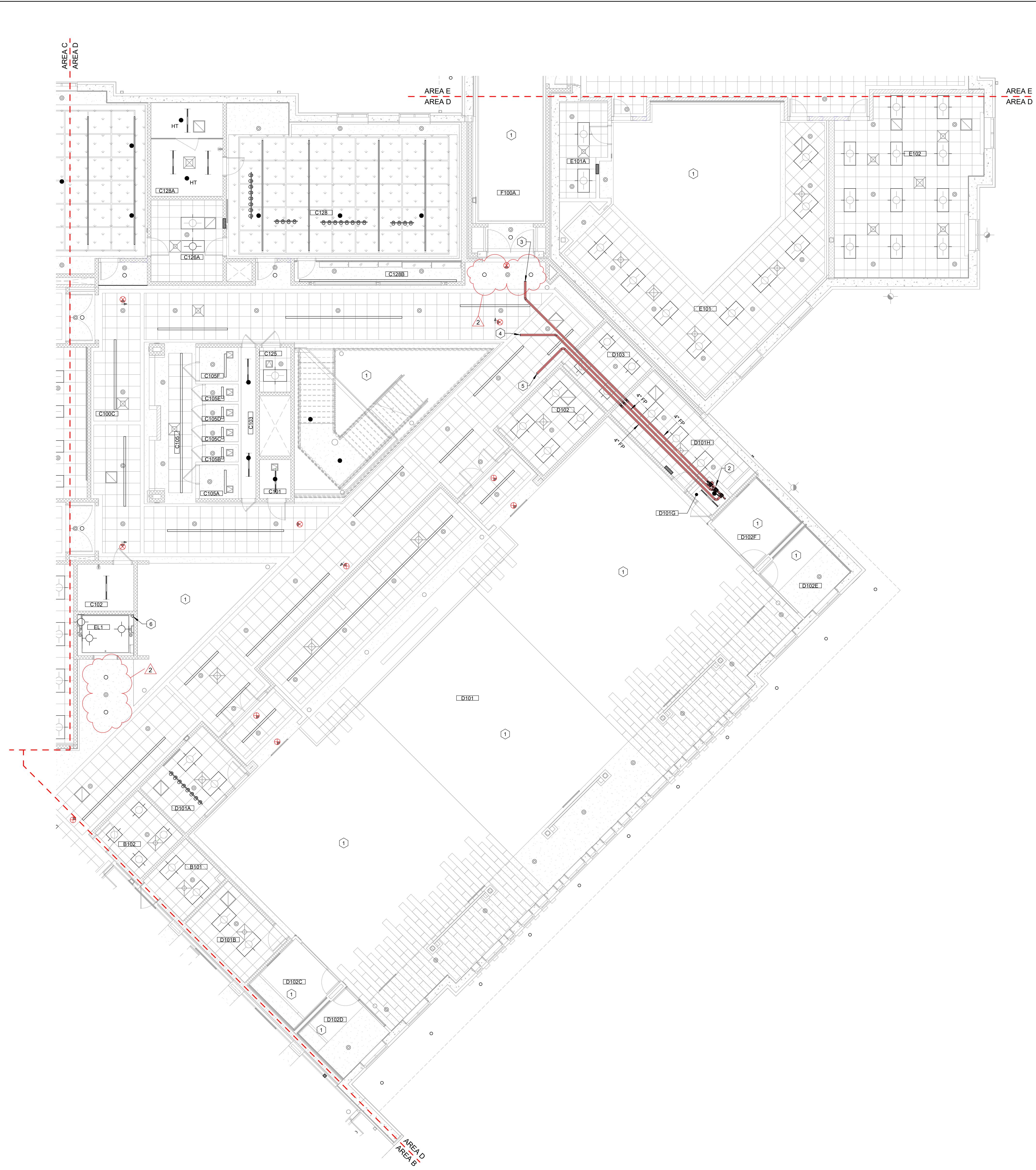


**A FIRST FLOOR FIRE PROTECTION PLAN - AREA A**  
 SCALE: 1/8" = 1'-0"

**KEY PLAN**

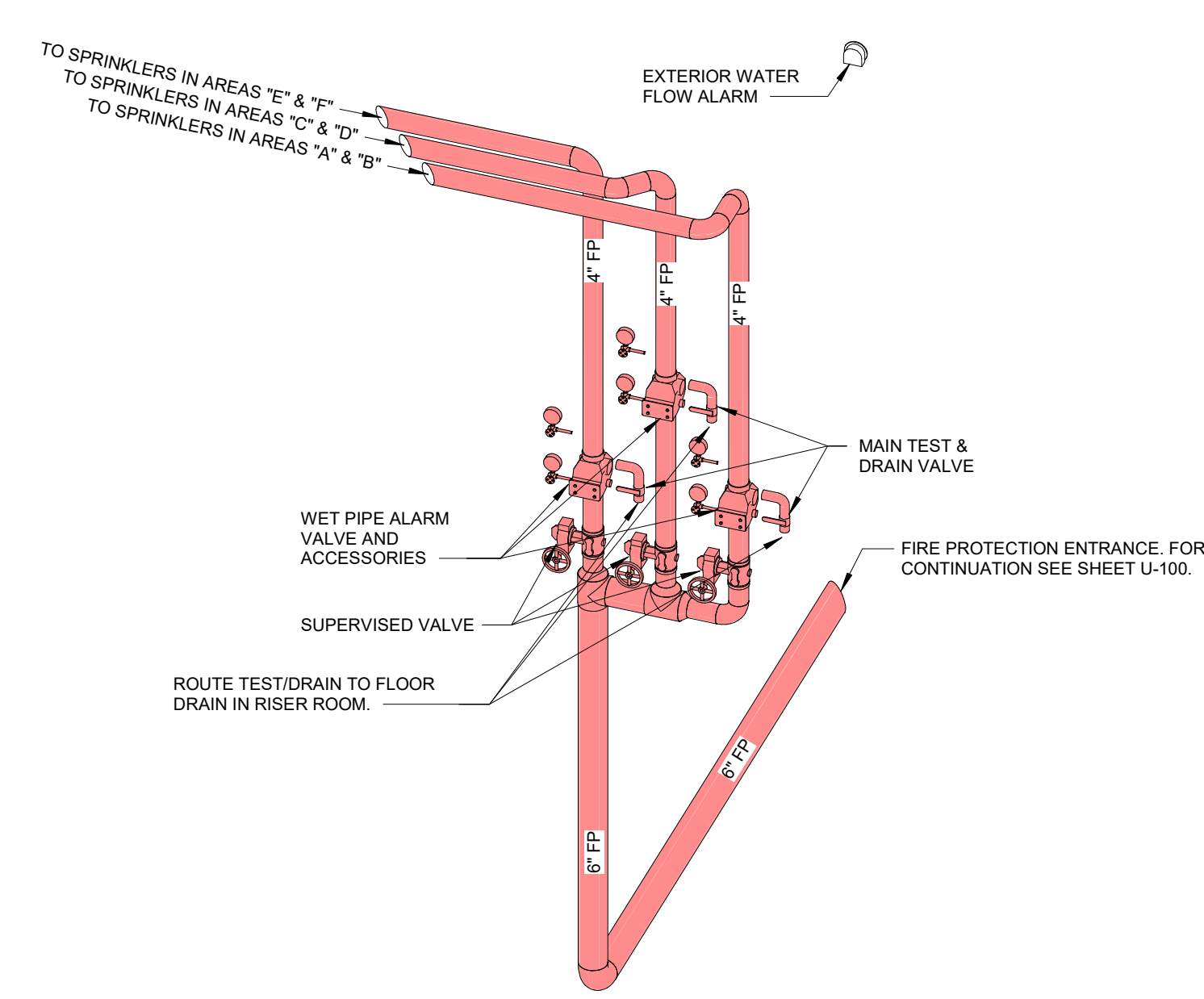


NOTE: IF IT IS NOT INTENDED THAT THE PLANS SHOW ALL OFFSETS IN PIPES, CONDUCITS, AND DUCTS REQUIRED FOR INSTALLATION OF THE WORK, DETAILS AND SECTIONS ARE INCLUDED FOR SOME AREAS TO SHOW INTENDED RELATIONSHIP OF THE WORK OF VARIOUS TRADES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SUBCONTRACTORS TO COORDINATE INSTALLATION OF THE WORK AND TO PROVIDE THE NECESSARY OFFSETS, TRANSFORMATIONS, AND FITTINGS REQUIRED. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR CORRECTION CONFLICTS BETWEEN THE WORK OF VARIOUS TRADES. DETAILS AND SECTIONS ARE SHOWN FOR THE CONTRACTORS CONVENIENCE AND SHALL NOT BE CONSIDERED COMPLETE IN EVERY DETAIL.

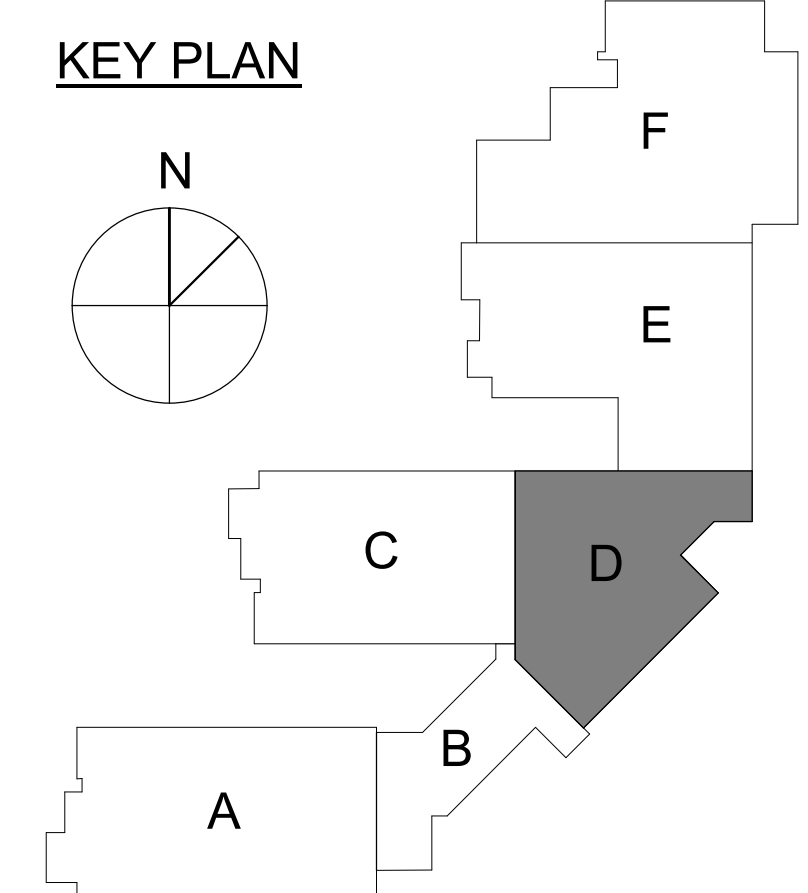


**A** FIRST FLOOR FIRE PROTECTION PLAN - AREA D  
SCALE: 1/8" = 1'-0"

- CODED NOTES:**
- 1 SPRINKLERS FOR THIS AREA SHOWN ON AREA "D" SECOND FLOOR PLAN FP-112D.
  - 2 FIRE PROTECTION ENTRANCE. SEE DETAIL THIS SHEET.
  - 3 TO SPRINKLERS IN AREAS "E" & "F".
  - 4 TO SPRINKLERS IN AREAS "C" & "D".
  - 5 TO SPRINKLERS IN AREAS "A" & "B".
  - 6 HIGH TEMPERATURE SIDEWALL SPRINKLER HEAD WITH SHIELD MOUNTED WITHIN 2'-0" OF BOTTOM OF SHAFT.



**FIRE PROTECTION ENTRANCE/RISER DETAIL**  
SCALE: NONE

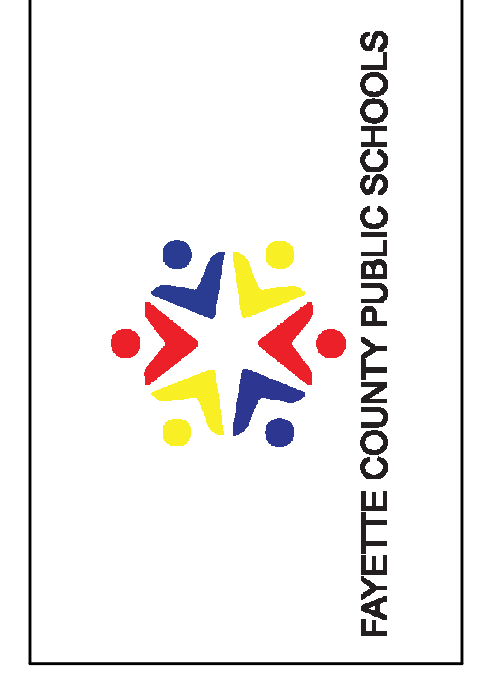


ROOM NUMBER	ROOM SCHEDULE	ROOM NAME
A100A	CORRIDOR	
A100B	CORRIDOR	
A100C	CORRIDOR	
A100D	CORRIDOR	
A100E	CORRIDOR	
A101	CUST.	
A102	SCIENCE CLASSROOM	
A102A	SCIENCE STORAGE	
A103	CHASE	
A104	STORAGE	
A105	RESTROOMS	
A105A	RR	
A105B	RR	
A105C	RR	
A105D	RR	
A105E	RR	
A105F	RR	
A106	CLASSROOM	
A107	MEP	
A108	CLASSROOM	
A109	WORKROOM	
A110	CLASSROOM	
A111	AP OFFICE	
A112	CLASSROOM	
A113	(COMPUTER) FLEX / MAKER	
A114	CLASSROOM	
A115	RESTROOMS	
A115A	RR	
A115B	RR	
A115C	RR	
A115D	RR	
A115E	RR	
A115F	RR	
A116	CLASSROOM	
A117	CHASE	
A118A	RESOURCE	
A118B	RESOURCE	
A118	STAFF	

ROOM NUMBER	ROOM SCHEDULE	ROOM NAME
A120	RESOURCE	
A121	CUST.	
A122	STORAGE	
A123	GUIDANCE	
A124	SCIENCE CLASSROOM	
A124A	SCIENCE STORAGE	
A125	ELECT.	
A126	CLASSROOM	
A127	STAFF	
A128	CLASSROOM	
A130	CLASSROOM	
A132A	RESOURCE	
A132B	RESOURCE	
A133	STORAGE	
A136	SCIENCE CLASSROOM	
A138A	SCIENCE STORAGE	
B100A	CORRIDOR	
B100A1	ENTRANCE LOBBY	
B100A2	VESTIBULE	
B100B	CORR.	
B101	MD STOR.	
B102	SRO	
B103	RECEPTION	
B104	ATTENDANCE	
B105	FIRST AID	
B105A	EXAM	
B105B	EXAM	
B105C	TOILET	
B106	MAIL	
B107	RECORDS	
B108	SBDM OFFICE (BOOKKEEPER)	
B109	GUIDANCE RECEPTION	
B110	PRINCIPAL	
B111	MENTAL HEALTH	
B112	SBDM CONFERENCE	
B113	WORKROOM	
B114	GUIDANCE OFFICE	
B115	PRC	
B115A	OFFICE	
B115B	TOILET	
B116	STAFF	
C100A	CORRIDOR	
C100A1	VEST	
C100B	CORRIDOR	
C100C	CORRIDOR	
C100D	CORRIDOR	
C100E	CORRIDOR	
C101	CUST.	
C102	BMS	
C103	CHASE	
C104	CLASSROOM	
C105	RESTROOMS	
C105A	RR	
C105B	RR	
C105C	RR	
C105D	RR	
C105E	RR	
C105F	RR	
C106	CLASSROOM	
C107	CLASSROOM	
C108	CLASSROOM	
C109	IDF	
C110	CLASSROOM	
C111	HEALTH SCIENCE	
C112	FMD	
C112A	TOILET	
C113	RESOURCE (OCCUP. THERAPY)	
C114	FMD	
C114A	TOILET	
C114B	STORAGE	
C115	RESTROOMS	
C115A	RR	
C115B	RR	
C115C	RR	
C115D	RR	
C115E	RR	
C115F	RR	
C116	CLASSROOM	
C117	CHASE	
C118	VO-AG LAB	
C118A	VO-AG TOOLS	
C118B	VO-STOR.	
C119	STAFF	
C120	VO-AG CLASSROOM	
C121	CUST.	
C122	CLASSROOM	
C123	ELECT.	
C124	CLASSROOM	
C125	STAFF	
C126	ART (DIGITAL)	
C128A	OFFICE STOR.	
C128B	ART (TRADITIONAL)	
C128C	HLX	
C128D	ART DISPLAY	
D101	MEDIA CENTER	
D101A	BROADCAST STUDIO	
D101B	MEDIA CENTER STORAGE	
D101C	RISER	
D101H	WORKROOM	
D102	WORKROOM	
D102C	SMALL STUDY	
D102D	SMALL STUDY	
D102E	SMALL STUDY	
D102F	SMALL STUDY	
D103	FLEX OFFICE	
E100A	CORRIDOR	
E100B	CORRIDOR	
E101	FAMILY CONSUMER SCIENCE	
E101A	STORAGE	
E102	CLASSROOM	
E103	ORCHESTRA	
E103A	PRACTICE	
E103B	PRACTICE	
E103C	OFFICE	
E103D	STAGE	
E104	BAND ROOM	
E104A	OFFICE	
E104B	PRACTICE	
E104C	PRACTICE	
E104D	PRACTICE	
E105	HC TOILET	
E106	TOILET	
E107	TOILET	
E108	TOILET	
E110	VOCAL ROOM	
E111	STORM MECHANICAL	
E111A	GENERATOR ROOM	
ELL	ELEVATOR	
F100A	CORRIDOR	
F101	CAFETERIA	
F101A	STORAGE	
F101B	CUST.	
F101C	STORAGE	
F101D	IDF	
F102B	STAGE ACCESS	
F102D	STAGE ACCESS	
F103	KITCHEN	
F103A	OFFICE	
F103B	STAFF LOCKERS	
F103C	TOILET	
F103D	DRY FOOD STORAGE	
F103E	DISH WASH	
F103F	NON-FOOD STORAGE	
F103G	COOLER	
F103H	PREEZER	
F104	CONCESS / BOOKSTORE	
F105	CUSTODIAL RECEIVING	
F106	ICE	
F107	MECHANICAL	
F108	IDF	
G100A	GYM LOBBY	
G100B	CORRIDOR	
G101	RESTROOMS	
G101A	FAMILY RR	
G101B	CUSTODIAL	
G101C	RR	
G101D	RR	
G101E	RR	
G101F	RR	
G101G	RR	
G101H	HC RR	
G101J	CHASE	
G102	MD STOR.	
G103	GYMNASIUM	
G103A	PE STORAGE	
G104	CUST.	
G105	LOCKER VEST	
G105A	GIRLS LOCKER #2	
G105B	GIRLS TOILET	
G105C	GIRLS LOCKER #1	
G106	INCLUS. LOCKER	
G106A	INCLUS. RR	
G107	OFFICE	
G107A	RR	
G108	LOCKER VEST	
G108A	BOYS LOCKER #2	
G108B	BOYS TOILET	
G108C	BOYS LOCKER #1	
G109	SOUND	
CH100A1	VESTIBULE	
R1	STAIR RAMP	
ST1	STAIR	
ST1B	STAIR	
ST1C	STAIR	
STD1	STAIR	



**CONSTRUCTION DOCUMENTS**  
**NEW MIDDLE SCHOOL - POLO CLUB**  
FAYETTE COUNTY PUBLIC SCHOOLS  
LEXINGTON, KENTUCKY



**FIRE PROTECTION**

PROJECT	2019111
DATE	09/27/21

**REVISIONS**

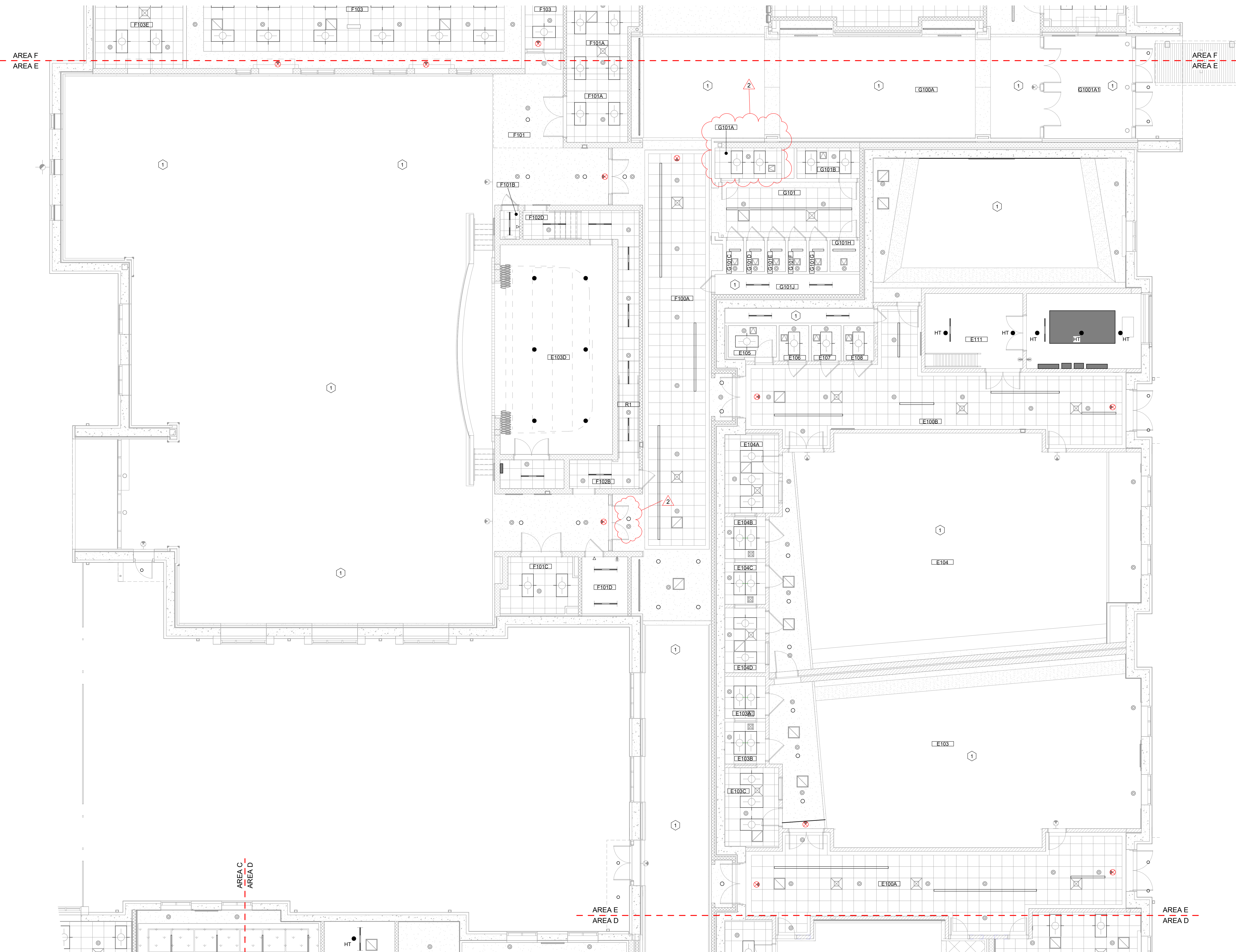
No.	Description	Date
2	Addendum #2	10/11/21

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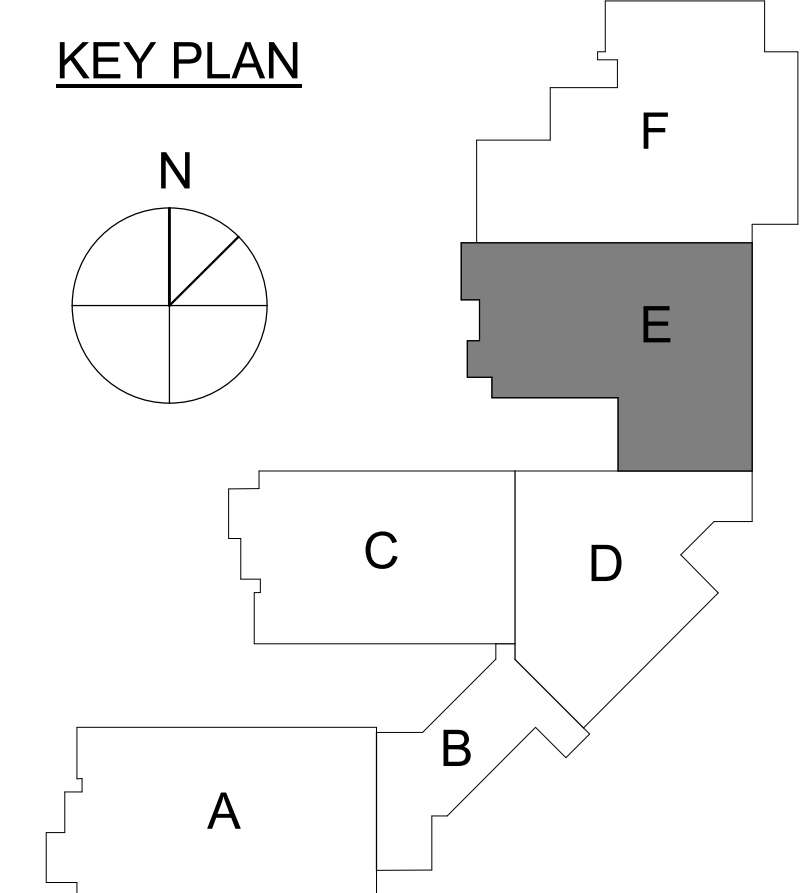
**FIRST FLOOR FIRE PROTECTION PLAN - AREA D**

**FP-111D**  
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**CODED NOTES:**  
1 SPRINKLERS FOR THIS AREA SHOWN ON AREA 'E' SECOND FLOOR PLAN FP-112E.



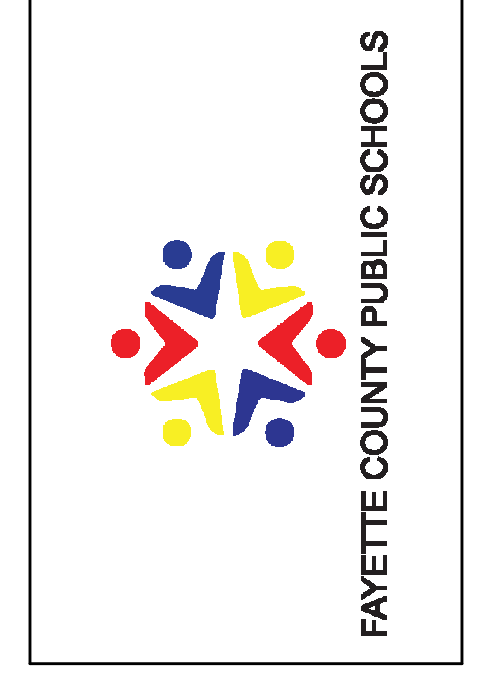
**A FIRST FLOOR FIRE PROTECTION PLAN - AREA E**  
SCALE: 1/8" = 1'-0"

ROOM NUMBER	ROOM SCHEDULE	ROOM NAME
A100A	CORRIDOR	
A100B	CORRIDOR	
A100C	CORRIDOR	
A100D	CORRIDOR	
A100E	CORRIDOR	
A101	CUST.	
A102	SCIENCE CLASSROOM	
A102A	SCIENCE STORAGE	
A103	CHASE	
A104	STORAGE	
A105	RESTROOMS	
A105A	RR	
A105B	RR	
A105C	RR	
A105D	RR	
A105E	RR	
A105F	RR	
A106	CLASSROOM	
A107	MEP	
A108	CLASSROOM	
A109	WORKROOM	
A110	CLASSROOM	
A111	AP OFFICE	
A112	CLASSROOM	
A113	(COMPUTER) FLEX / MAKER	
A114	CLASSROOM	
A115	RESTROOMS	
A115A	RR	
A115B	RR	
A115C	RR	
A115D	RR	
A115E	RR	
A115F	RR	
A116	CLASSROOM	
A117	CHASE	
A118A	RESOURCE	
A118B	RESOURCE	
A118	STAFF	

ROOM NUMBER	ROOM SCHEDULE	ROOM NAME
A120	RESOURCE	
A121	CUST.	
A122	STORAGE	
A123	GUIDANCE	
A124	SCIENCE CLASSROOM	
A124A	SCIENCE STORAGE	
A125	ELECT.	
A126	CLASSROOM	
A127	STAFF	
A128	CLASSROOM	
A130	CLASSROOM	
A132A	RESOURCE	
A132B	RESOURCE	
A134	STORAGE	
A136	SCIENCE CLASSROOM	
A136A	SCIENCE STORAGE	
B100A	CORRIDOR	
B100A1	ENTRANCE LOBBY	
B100A2	VESTIBULE	
B100B	CORR.	
B101	MD STOR.	
B102	SRO	
B103	RECEPTION	
B104	ATTENDANCE	
B105	FIRST AID	
B105A	EXAM	
B105B	EXAM	
B105C	TOILET	
B106	MAIL	
B107	RECORDS	
B108	SRO OFFICE (BOOKKEEPER)	
B109	GUIDANCE RECEPTION	
B110	PRINCIPAL	
B111	MENTAL HEALTH	
B112	SRO CONFERENCE	
B113	WORKROOM	
B114	GUIDANCE OFFICE	
B115	PRC	
B115A	OFFICE	
B115B	TOILET	
B116	STAFF	
C100A	CORRIDOR	
C100A1	VEST.	
C100C	CORRIDOR	
C100D	CORRIDOR	
C100E	CORRIDOR	
C101	CUST.	
C102	BMS	
C103	CHASE	
C104	CLASSROOM	
C105	RESTROOMS	
C105A	RR	
C105B	RR	
C105C	RR	
C105D	RR	
C105E	RR	
C105F	RR	
C106	CLASSROOM	
C107	CLASSROOM	
C108	CLASSROOM	
C109	IDF	
C110	CLASSROOM	
C111	HEALTH SCIENCE	
C112	FMD	
C112A	TOILET	
C113	RESOURCE (OCCUP. THERAPY)	
C114	FMD	
C114A	TOILET	
C114B	STORAGE	
C115	RESTROOMS	
C115A	RR	
C115B	RR	
C115C	RR	
C115D	RR	
C115E	RR	
C115F	RR	
C116	CLASSROOM	
C117	CHASE	
C118	VO-AG LAB	
C118A	VO-AG TOOLS	
C118B	VO-STOR.	
C119	STAFF	
C120	VO-AG CLASSROOM	
C121	CUST.	
C122	CLASSROOM	
C123	ELECT.	
C124	CLASSROOM	
C125	STAFF	
C126	ART (DIGITAL)	
C128A	OFFICE STOR.	
C128B	ART (TRADITIONAL)	
C128A	FLX	
C128B	ART DISPLAY	
D101	MEDIA CENTER	
D101A	BROADCAST STUDIO	
D101B	MEDIA CENTER STORAGE	
D101C	INSET	
D101H	WORKROOM	
D102	WORKROOM	
D102C	SMALL STUDY	
D102D	SMALL STUDY	
D102E	SMALL STUDY	
D102F	SMALL STUDY	
D103	FLEX OFFICE	
E100A	CORRIDOR	
E100B	CORRIDOR	
E101	FAMILY CONSUMER SCIENCE	
E101A	STORAGE	
E102	CLASSROOM	
E103	ORCHESTRA	
E103A	PRACTICE	
E103B	PRACTICE	
E103C	OFFICE	
E103D	STAGE	
E104	BAND ROOM	
E104A	OFFICE	
E104B	PRACTICE	
E104C	PRACTICE	
E104D	PRACTICE	
E105	HC TOILET	
E106	TOILET	
E107	TOILET	
E108	TOILET	
E110	VOCAL ROOM	
E111	STORM MECHANICAL	
E111A	GENERATOR ROOM	
E11	ELEVATOR	
F100A	CORRIDOR	
F101	CAFETERIA	
F101A	STORAGE	
F101B	CUST.	
F101C	STORAGE	
F101D	IDF	
F102B	STAGE ACCESS	
F102D	STAGE ACCESS	
F103	KITCHEN	
F103A	OFFICE	
F103B	STAFF LOCKERS	
F103C	TOILET	
F103D	DRY FOOD STORAGE	
F103E	DISH WASH	
F103F	NON-FOOD STORAGE	
F103G	COOLER	
F103H	FREEZER	
F104	CONCESS / BOOKSTORE	
F105	CUSTODIAL RECEIVING	
F106	ICE	
F107	MECHANICAL	
F108	IDF	
G100A	GYM LOBBY	
G100B	CORRIDOR	
G101	RESTROOMS	
G101A	FAMILY RR	
G101B	CUSTODIAL	
G101C	RR	
G101D	RR	
G101E	RR	
G101F	RR	
G101G	RR	
G101H	HC RR	
G101J	CHASE	
G102	MD STOR.	
G103	GYMNASIUM	
G104	CUST.	
G105	LOCKER VEST	
G105A	GIRLS LOCKER #2	
G105B	GIRLS TOILET	
G105C	GIRLS LOCKER #1	
G106	INCLUS LOCKER	
G106A	INCLUS RR	
G107	OFFICE	
G107A	RR	
G108	LOCKER VEST	
G108A	BOYS LOCKER #2	
G108B	BOYS TOILET	
G108C	BOYS LOCKER #1	
G109	SOUND	
G100A1	VESTIBULE	
R1	STAGE RAMP	
ST1	STAIR	
ST1B	STAIR	
ST1C	STAIR	
STD1	STAIR	



**CONSTRUCTION DOCUMENTS**  
**NEW MIDDLE SCHOOL - POLO CLUB**  
FAYETTE COUNTY PUBLIC SCHOOLS  
LEXINGTON, KENTUCKY



**FIRE PROTECTION**

PROJECT	2019111
DATE	09/27/21

REVISIONS		
No.	Description	Date
2	Addendum #2	10/11/21

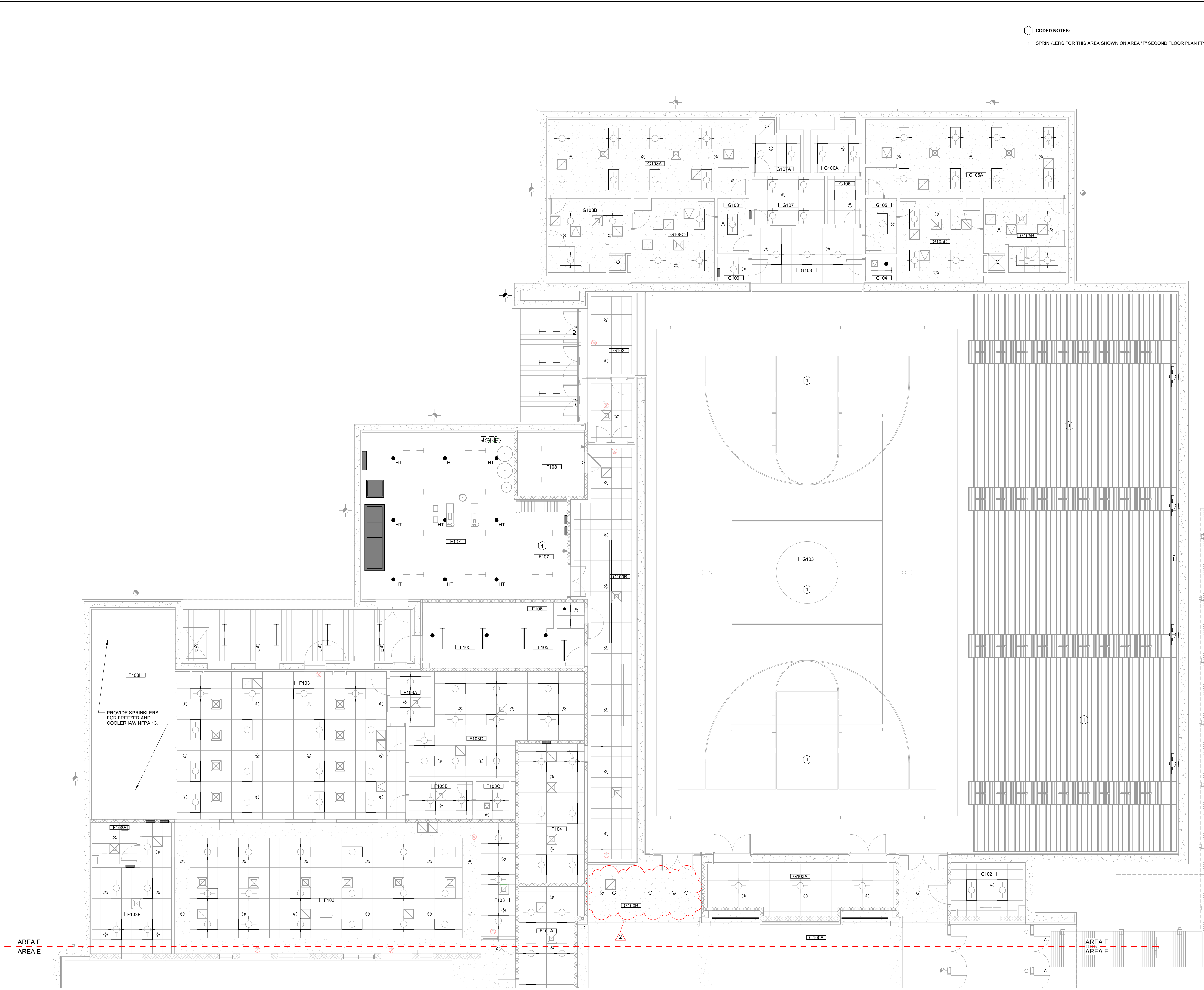
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**FIRST FLOOR FIRE PROTECTION PLAN - AREA E**

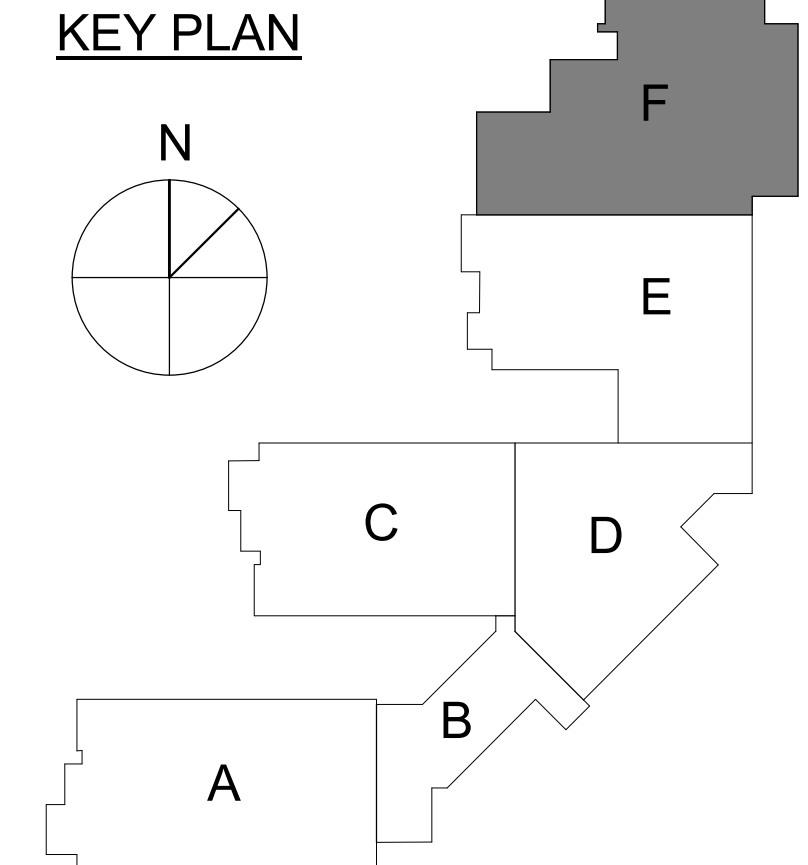
**FP-111E**

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**(A) FIRST FLOOR FIRE PROTECTION PLAN - AREA F**  
 SCALE: 1/8" = 1'-0"



**CODED NOTES:**  
 1 SPRINKLERS FOR THIS AREA SHOWN ON AREA "F" SECOND FLOOR PLAN FP-112F.

ROOM NUMBER	ROOM SCHEDULE	ROOM NAME	ROOM NUMBER	ROOM SCHEDULE	ROOM NAME
A100A	CORRIDOR		A130	RESOURCE	
A100B	CORRIDOR		A131	CUST.	
A100C	CORRIDOR		A132	STORAGE	
A100D	CORRIDOR		A133	GUIDANCE	
A100E	CORRIDOR		A134	SCIENCE CLASSROOM	
A101	CUST.		A134A	SCIENCE STORAGE	
A102	SCIENCE CLASSROOM		A135	ELECT.	
A102A	SCIENCE STORAGE		A136	CLASSROOM	
A103	CHASE		A137	STAFF	
A104	STORAGE		A138	CLASSROOM	
A105	RESTROOMS		A139	CLASSROOM	
A105A	RR		A132A	RESOURCE	
A105B	RR		A132B	RESOURCE	
A105C	RR		A134	STORAGE	
A105D	RR		A136	SCIENCE CLASSROOM	
A105E	RR		A136A	SCIENCE STORAGE	
A105F	RR		A136B	CORRIDOR	
A106	CLASSROOM		B100A1	ENTRANCE LOBBY	
A107	MEP		B100A2	VESTIBULE	
A108	CLASSROOM		B100B	CORR.	
A109	WORKROOM		B101	MD STOR.	
A110	CLASSROOM		B102	SRO	
A111	AP OFFICE		B103	RECEPTION	
A112	CLASSROOM		B104	ATTENDANCE	
A113	(COMPUTER) FLEX / MAKER		B105	FIRST AID	
A114	CLASSROOM		B105A	EXAM	
A115	RESTROOMS		B105B	EXAM	
A115A	RR		B105C	TOILET	
A115B	RR		B106	MAIL	
A115C	RR		B107	RECORDS	
A115D	RR		B108	SBDM OFFICE (BOOKKEEPER)	
A115E	RR		B109	CLASSROOM	
A115F	RR		B110	PRINCIPAL	
A116	CLASSROOM		B111	MENTAL HEALTH	
A117	CHASE		B112	SBDM CONFERENCE	
A118A	RESOURCE		B113	WORKROOM	
A118B	RESOURCE		B114	GUIDANCE OFFICE	
A119	STAFF		B115	RR	
B115A	OFFICE		B115B	TOILET	
B116	STAFF		B119	CORRIDOR	
C100A	CORRIDOR		C100A1	VEST	
C100B	CORRIDOR		C100C	CORRIDOR	
C100C	CORRIDOR		C100D	CORRIDOR	
C100E	CORRIDOR		C101	CUST.	
C102	DBM		C102	CHASE	
C103	CHASE		C104	CLASSROOM	
C105	RESTROOMS		C105	RESTROOMS	
C105A	RR		C105B	RR	
C105C	RR		C105D	RR	
C105E	RR		C105F	RR	
C105G	RR		C105H	RR	
C106	RR		C106	CLASSROOM	
C107	CLASSROOM		C107	CLASSROOM	
C108	CLASSROOM		C108	CLASSROOM	
C109	IDF		C109	IDF	
C110	CLASSROOM		C110	CLASSROOM	
C111	HEALTH SCIENCE		C111	HEALTH SCIENCE	
C112	FMD		C112A	TOILET	
C113	RESOURCE (OCCUP. THERAPY)		C114	FMD	
C114	TOILET		C114A	TOILET	
C114B	STORAGE		C114B	STORAGE	
C115	RESTROOMS		C115A	RR	
C115B	RR		C115B	RR	
C115C	RR		C115C	RR	
C115D	RR		C115D	RR	
C115E	RR		C115E	RR	
C115F	RR		C115F	RR	
C116	CLASSROOM		C116	CLASSROOM	
C117	CHASE		C117	CHASE	
C118	VO-AG LAB		C118	VO-AG LAB	
C118A	VO-AG TOOLS		C118A	VO-AG TOOLS	
C118B	VO-AG STOR.		C118B	VO-AG STOR.	
C119	STAFF		C119	STAFF	
C120	VO-AG CLASSROOM		C120	VO-AG CLASSROOM	
C121	CUST.		C121	CUST.	
C122	CLASSROOM		C122	CLASSROOM	
C123	ELECT.		C123	ELECT.	
C124	CLASSROOM		C124	CLASSROOM	
C125	STAFF		C125	STAFF	
C126	ART (DIGITAL)		C126	ART (DIGITAL)	
C128A	OFFICE STOR.		C128A	OFFICE STOR.	
C128B	ART (TRADITIONAL)		C128B	ART (TRADITIONAL)	
C128C	FILE		C128C	FILE	
C128D	ART DISPLAY		C128D	ART DISPLAY	
D101	MEDIA CENTER		D101	MEDIA CENTER	
D101A	BROADCAST STUDIO		D101A	BROADCAST STUDIO	
D101B	MEDIA CENTER STORAGE		D101B	MEDIA CENTER STORAGE	
D101C	INSER		D101C	INSER	
D101D	WORKROOM		D101D	WORKROOM	
D102	WORKROOM		D102	WORKROOM	
D102C	SMALL STUDY		D102C	SMALL STUDY	
D102D	SMALL STUDY		D102D	SMALL STUDY	
D102E	SMALL STUDY		D102E	SMALL STUDY	
D102F	SMALL STUDY		D102F	SMALL STUDY	
D103	FLEX OFFICE		D103	FLEX OFFICE	
E100A	CORRIDOR		E100A	CORRIDOR	
E100B	CORRIDOR		E100B	CORRIDOR	
E101	FAMILY CONSUMER SCIENCE		E101	FAMILY CONSUMER SCIENCE	
E101A	STORAGE		E101A	STORAGE	
E102	CLASSROOM		E102	CLASSROOM	
E103	ORCHESTRA		E103	ORCHESTRA	
E103A	PRACTICE		E103A	PRACTICE	
E103B	PRACTICE		E103B	PRACTICE	
E103C	OFFICE		E103C	OFFICE	
E103D	STAGE		E103D	STAGE	
E104	BAND ROOM		E104	BAND ROOM	
E104A	OFFICE		E104A	OFFICE	
E104B	PRACTICE		E104B	PRACTICE	
E104C	PRACTICE		E104C	PRACTICE	
E104D	PRACTICE		E104D	PRACTICE	
E105	HC TOILET		E105	HC TOILET	
E106	TOILET		E106	TOILET	
E107	TOILET		E107	TOILET	
E108	TOILET		E108	TOILET	
E110	VOCAL ROOM		E110	VOCAL ROOM	
E111	STORM MECHANICAL		E111	STORM MECHANICAL	
E111A	GENERATOR ROOM		E111A	GENERATOR ROOM	
E11	ELEVATOR		E11	ELEVATOR	
F100A	CORRIDOR		F100A	CORRIDOR	
F101	CAFETERIA		F101	CAFETERIA	
F101A	STORAGE		F101A	STORAGE	
F101B	CUST.		F101B	CUST.	
F101C	STORAGE		F101C	STORAGE	
F101D	IDF		F101D	IDF	
F102	STAGE ACCESS		F102	STAGE ACCESS	
F102D	STAGE ACCESS		F102D	STAGE ACCESS	
F103	OFFICE		F103	OFFICE	
F103A	STAFF LOCKERS		F103A	STAFF LOCKERS	
F103B	TOILET		F103B	TOILET	
F103C	TOILET		F103C	TOILET	
F103D	DRY FOOD STORAGE		F103D	DRY FOOD STORAGE	
F103E	DISH WASH		F103E	DISH WASH	
F103F	NON-FOOD STORAGE		F103F	NON-FOOD STORAGE	
F103G	COOLER		F103G	COOLER	
F103H	FREEZER		F103H	FREEZER	
F104	CONCESS / BOOKSTORE		F104	CONCESS / BOOKSTORE	
F105	CUSTODIAL RECEIVING		F105	CUSTODIAL RECEIVING	
F106	ICE		F106	ICE	
F107	MECHANICAL		F107	MECHANICAL	
F108	IDF		F108	IDF	
G100A	GYM LOBBY		G100A	GYM LOBBY	
G100B	CORRIDOR		G100B	CORRIDOR	
G101	RESTROOMS		G101	RESTROOMS	
G101A	FAMILY RR		G101A	FAMILY RR	
G101B	CUSTODIAL		G101B	CUSTODIAL	
G101C	RR		G101C	RR	
G101D	RR		G101D	RR	
G101E	RR		G101E	RR	
G101F	RR		G101F	RR	
G101G	RR		G101G	RR	
G101H	HC RR		G101H	HC RR	
G101J	CHASE		G101J	CHASE	
G102	MD STOR.		G102	MD STOR.	
G103	GYMNASIUM		G103	GYMNASIUM	
G103A	PE STORAGE		G103A	PE STORAGE	
G104	CUST.		G104	CUST.	
G105	LOCKER VEST		G105	LOCKER VEST	
G105A	GIRLS LOCKER #2		G105A	GIRLS LOCKER #2	
G105B	GIRLS TOILET		G105B	GIRLS TOILET	
G105C	GIRLS LOCKER #1		G105C	GIRLS LOCKER #1	
G106	INCLUS. LOCKER		G106	INCLUS. LOCKER	
G106A	INCLUS. RR		G106A	INCLUS. RR	
G107	OFFICE		G107	OFFICE	
G107A	RR		G107A	RR	
G108	LOCKER VEST		G108	LOCKER VEST	
G108A	BOYS LOCKER #2		G108A	BOYS LOCKER #2	
G108B	BOYS TOILET		G108B	BOYS TOILET	
G108C	BOYS LOCKER #1		G108C	BOYS LOCKER #1	
G109	SOUND		G109	SOUND	
G100A1	VESTIBULE		G100A1	VESTIBULE	
R1	STAIR RAMP		R1	STAIR RAMP	
ST1	STAIR		ST1	STAIR	
ST1B	STAIR		ST1B	STAIR	
ST1C	STAIR		ST1C	STAIR	
ST1D	STAIR		ST1D	STAIR	

**NOTE:**  
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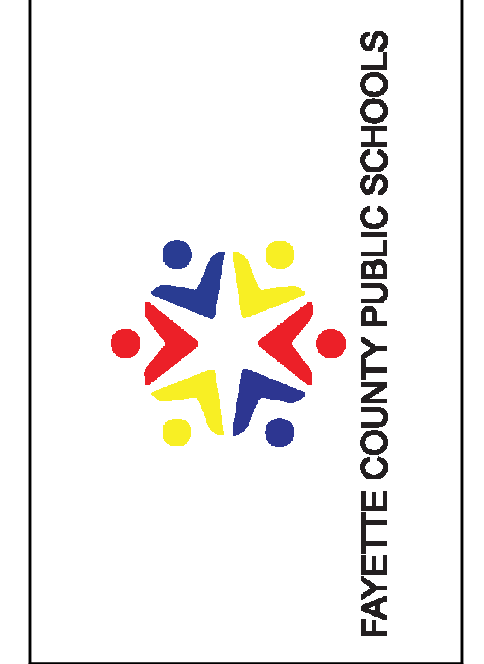


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**CONSTRUCTION DOCUMENTS**  
**NEW MIDDLE SCHOOL - POLO CLUB**  
 FAYETTE COUNTY PUBLIC SCHOOLS  
 LEXINGTON, KENTUCKY



**FIRE PROTECTION**

PROJECT	2019111
DATE	09/27/21

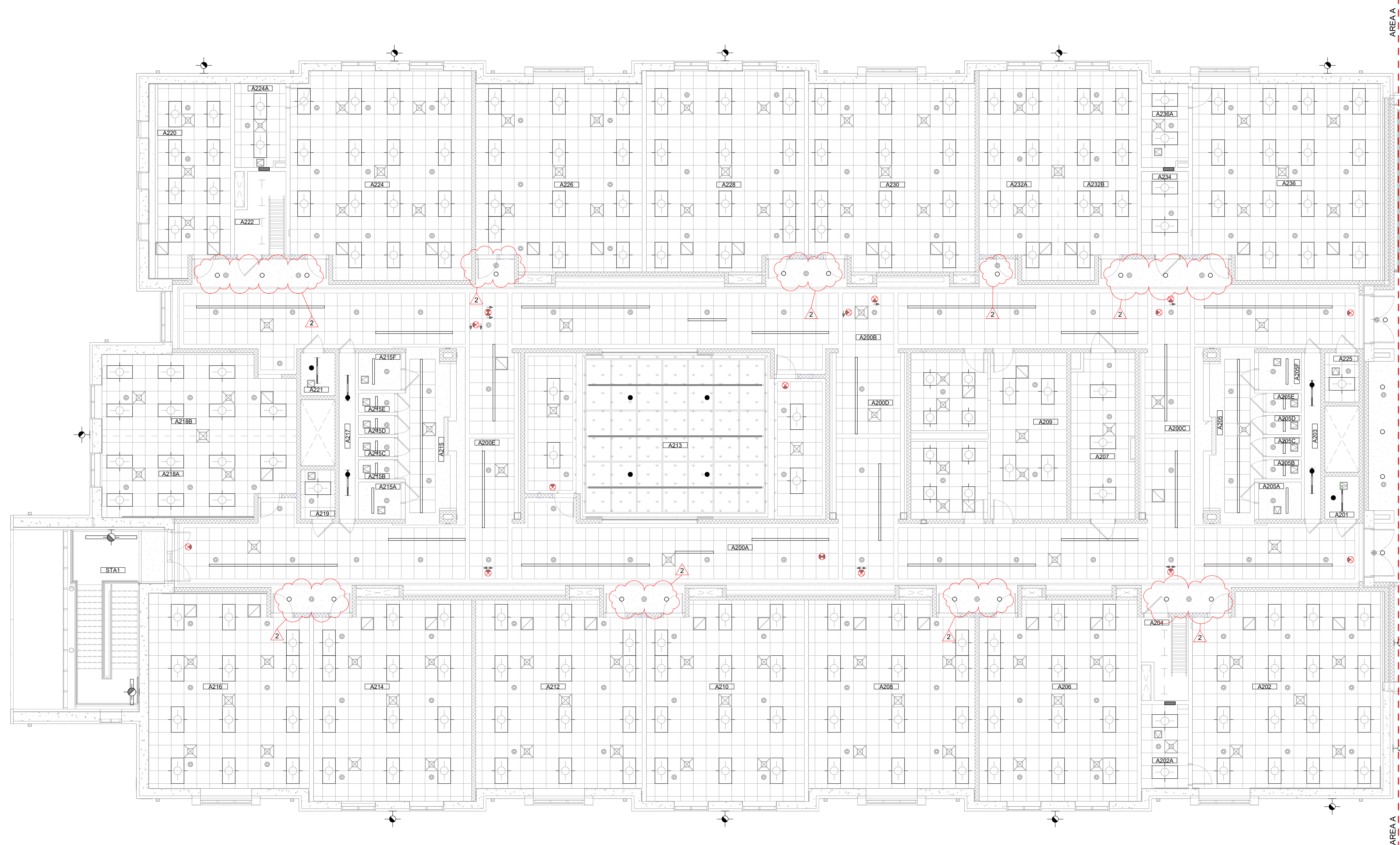
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No.	Description	Date
2	Addendum #2	10/11/21

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**FIRST FLOOR FIRE PROTECTION PLAN - AREA F**

**FP-111F**

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**A SECOND FLOOR FIRE PROTECTION PLAN - AREA A**  
SCALE: 1/8" = 1'-0"

ROOM NUMBER	ROOM SCHEDULE	ROOM NAME
A200A	CORRIDOR	
A200B	CORRIDOR	
A200C	CORRIDOR	
A200D	CORRIDOR	
A200E	CORRIDOR	
A201	CLUST	
A202	SCIENCE CLASSROOM	
A202A	SCIENCE STORAGE	
A203	CHASE	
A204	MECH ACCESS	
A205	RESTROOMS	
A205A	RR	
A205B	RR	
A205C	RR	
A205D	RR	
A205E	RR	
A205F	RR	
A206	CLASSROOM	
A207	STOR	
A208	CLASSROOM	
A209	WORKROOM	
A210	CLASSROOM	
A211	AP OFFICE	
A212	CLASSROOM	
A213	(COMPUTER) FLEX / MAKER	
A214	CLASSROOM	
A215	RESTROOMS	
A215A	RR	
A215B	RR	
A215C	RR	
A215D	RR	
A215E	RR	
A215F	RR	
A216	CLASSROOM	
A217	CHASE	
A218A	RESOURCE	
A218B	RESOURCE	
A219	STAFF	
A220	RESOURCE	
A221	CLUST	
A222	MECH ACCESS	
A223	GUIDANCE	
A224	SCIENCE CLASSROOM	
A224A	SCIENCE STORAGE	
A225	STAFF	
A226	CLASSROOM	
A228	CLASSROOM	
A230	CLASSROOM	
A232A	RESOURCE	
A232B	RESOURCE	
A234	STORAGE	
A236	SCIENCE CLASSROOM	
A236A	SCIENCE STORAGE	
B200A	CORRIDOR	
B201	MECH	
C200A	CORRIDOR	
C200B	CORRIDOR	
C200C	CORRIDOR	
C200D	CORRIDOR	
C200E	CORRIDOR	
C201	CLUST	
C202	MOTHERS	
C203	CHASE	
C204B	RESOURCE	
C205	RESTROOMS	
C205A	RR	
C205B	RR	
C205C	RR	
C205D	RR	
C205E	RR	
C205F	RR	
C206	CLASSROOM	
C207	RESOURCE	
C208	CLASSROOM	
C209	WORKROOM	
C210	CLASSROOM	
C211	AP OFFICE	
C212	SCIENCE CLASSROOM	
C212A	SCIENCE STORAGE	
C213	STORAGE	
C214	MECH ACCESS	
C215	(COMPUTER) FLEX / MAKER	
C216	CLASSROOM	
C217	RESTROOMS	
C217A	RR	
C217B	RR	
C217C	RR	
C217D	RR	
C217E	RR	
C217F	RR	
C218	CLASSROOM	
C219	CHASE	
C220	RESOURCE	
C221	STAFF	
C222	CLASSROOM	
C223	CLUST	
C224	SCIENCE CLASSROOM	
C224A	SCIENCE STORAGE	
C225	MECH ACCESS	
C226	IT STOR / REPAIR	
C227	GUIDANCE	
C228	SCIENCE CLASSROOM	
C229	STAFF	
C230	CLASSROOM	
C232	CLASSROOM	
C234	RESOURCE	
C234B	RESOURCE	
C236	CLASSROOM	
D200A	CORRIDOR	
D201	MECH	
D202	P.T.FLEX	
D203	P.T.FLEX	
D204	COMMONS	
D205	P.T.FLEX	
D206	P.T.FLEX	
D207	MECH	

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**CONSTRUCTION DOCUMENTS**  
**NEW MIDDLE SCHOOL - POLO CLUB**  
FAYETTE COUNTY PUBLIC SCHOOLS  
LEXINGTON, KENTUCKY

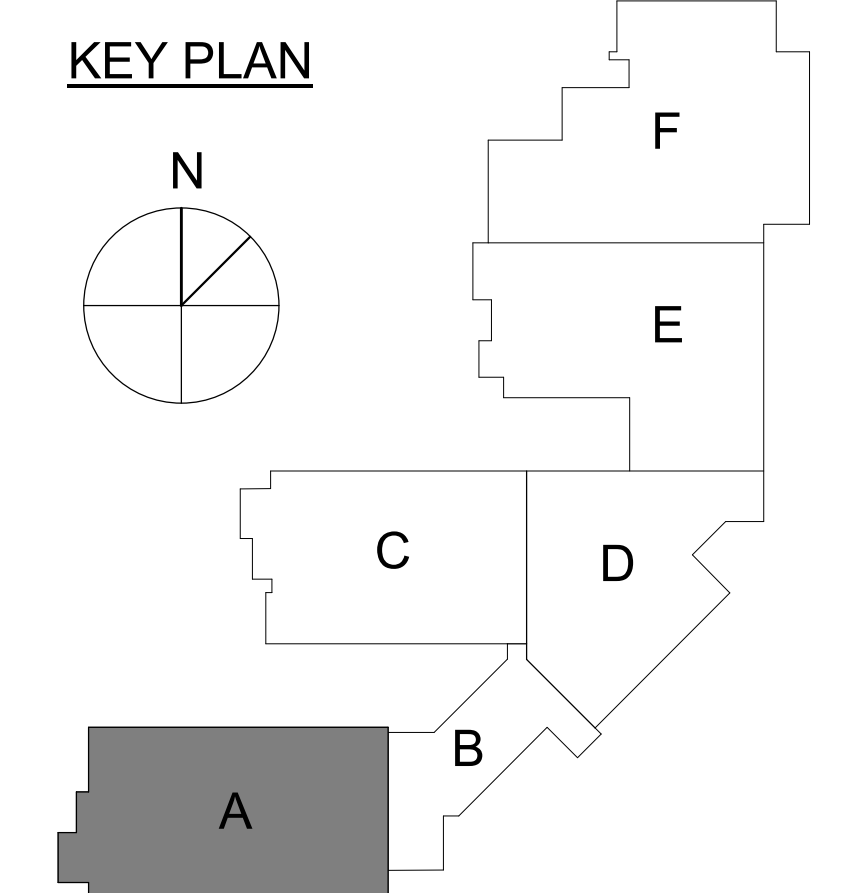
**FAYETTE COUNTY PUBLIC SCHOOLS**

**FIRE PROTECTION**

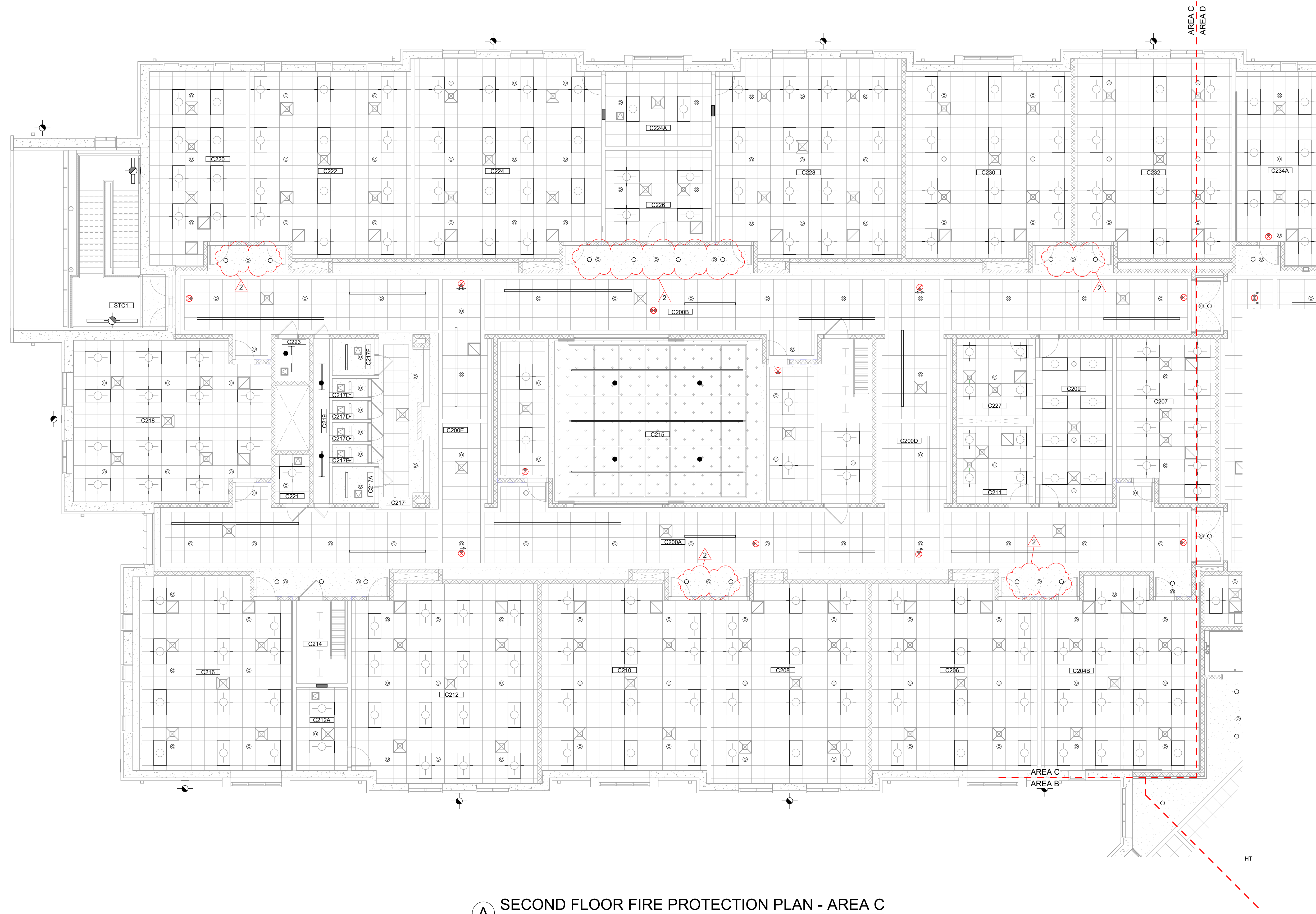
PROJECT	2019111	
DATE	09/27/21	
<b>REVISIONS</b>		
No.	Description	Date
2	Addendum #2	10/11/21

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**SECOND FLOOR FIRE PROTECTION PLAN - AREA A**  
**FP-112A**  
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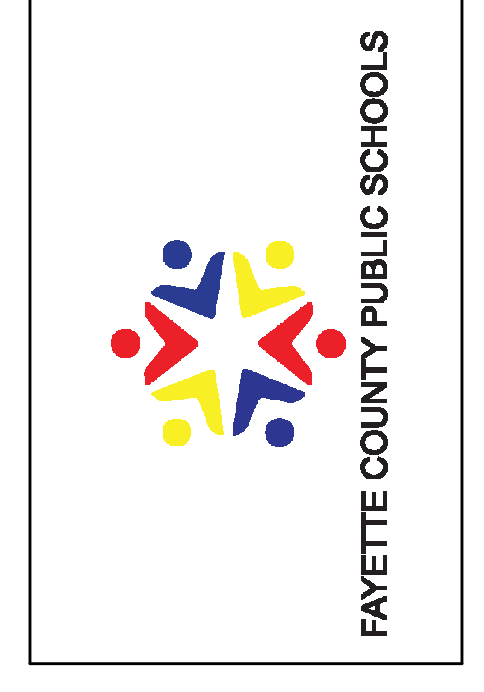
**(A) SECOND FLOOR FIRE PROTECTION PLAN - AREA C**  
SCALE: 1/8" = 1'-0"

**NOTE:**  
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ROOM NUMBER	ROOM SCHEDULE	ROOM NAME
A200A	CORRIDOR	
A200B	CORRIDOR	
A200C	CORRIDOR	
A200D	CORRIDOR	
A200E	CORRIDOR	
A201	CUST.	
A202	SCIENCE CLASSROOM	
A202A	SCIENCE STORAGE	
A203	CHASE	
A204	MECH ACCESS	
A205	RESTROOMS	
A205A	RR	
A205B	RR	
A205C	RR	
A205D	RR	
A205E	RR	
A205F	RR	
A206	CLASSROOM	
A207	STOR.	
A208	CLASSROOM	
A209	WORKROOM	
A210	CLASSROOM	
A211	AP OFFICE	
A212	CLASSROOM	
A213	(COMPUTER) FLEX / MAKER	
A214	CLASSROOM	
A215	RESTROOMS	
A215A	RR	
A215B	RR	
A215C	RR	
A215D	RR	
A215E	RR	
A215F	RR	
A216	CLASSROOM	
A217	CHASE	
A218A	RESOURCE	
A218B	RESOURCE	
A219	STAFF	
A220	RESOURCE	
A221	CUST.	
A222	MECH ACCESS	
A223	GUIDANCE	
A224	SCIENCE CLASSROOM	
A224A	SCIENCE STORAGE	
A225	STAFF	
A226	CLASSROOM	
A229	CLASSROOM	
A230	CLASSROOM	
A230A	RESOURCE	
A230B	RESOURCE	
A234	STORAGE	
A236A	SCIENCE CLASSROOM	
B200A	CORRIDOR	
B201	MECH	
C200A	CORRIDOR	
C200B	CORRIDOR	
C200C	CORRIDOR	
C200D	CORRIDOR	
C200E	CORRIDOR	
C201	CUST.	
C202	MOTHERS	
C203	CHASE	
C204B	RESOURCE	
C205	RESTROOMS	
C205A	RR	
C205B	RR	
C205C	RR	
C205D	RR	
C205E	RR	
C205F	RR	
C206	CLASSROOM	
C207	RESOURCE	
C208	CLASSROOM	
C209	WORKROOM	
C210	CLASSROOM	
C211	AP OFFICE	
C212	SCIENCE CLASSROOM	
C212A	SCIENCE STORAGE	
C213	STORAGE	
C214	MECH ACCESS	
C215	(COMPUTER) FLEX / MAKER	
C216	CLASSROOM	
C217	RESTROOMS	
C217A	RR	
C217B	RR	
C217C	RR	
C217D	RR	
C217E	RR	
C217F	RR	
C218	CLASSROOM	
C219	CHASE	
C220	RESOURCE	
C221	STAFF	
C222	CLASSROOM	
C223	CUST.	
C224	SCIENCE CLASSROOM	
C224A	SCIENCE STORAGE	
C225	MECH. ACCESS	
C226	IT STOR / REPAIR	
C227	GUIDANCE	
C228	SCIENCE CLASSROOM	
C229	STAFF	
C230	CLASSROOM	
C232	CLASSROOM	
C234A	RESOURCE	
C234B	RESOURCE	
C236	CLASSROOM	
D200A	CORRIDOR	
D201	MECH	
D202	P.T.FLEX	
D203	P.T.FLEX	
D204	COMMONS	
D205	P.T.FLEX	
D206	P.T.FLEX	
D207	MECH	



**CONSTRUCTION DOCUMENTS**  
**NEW MIDDLE SCHOOL - POLO CLUB**  
FAYETTE COUNTY PUBLIC SCHOOLS  
LEXINGTON, KENTUCKY



**FIRE PROTECTION**

PROJECT	2019111
DATE	09/27/21

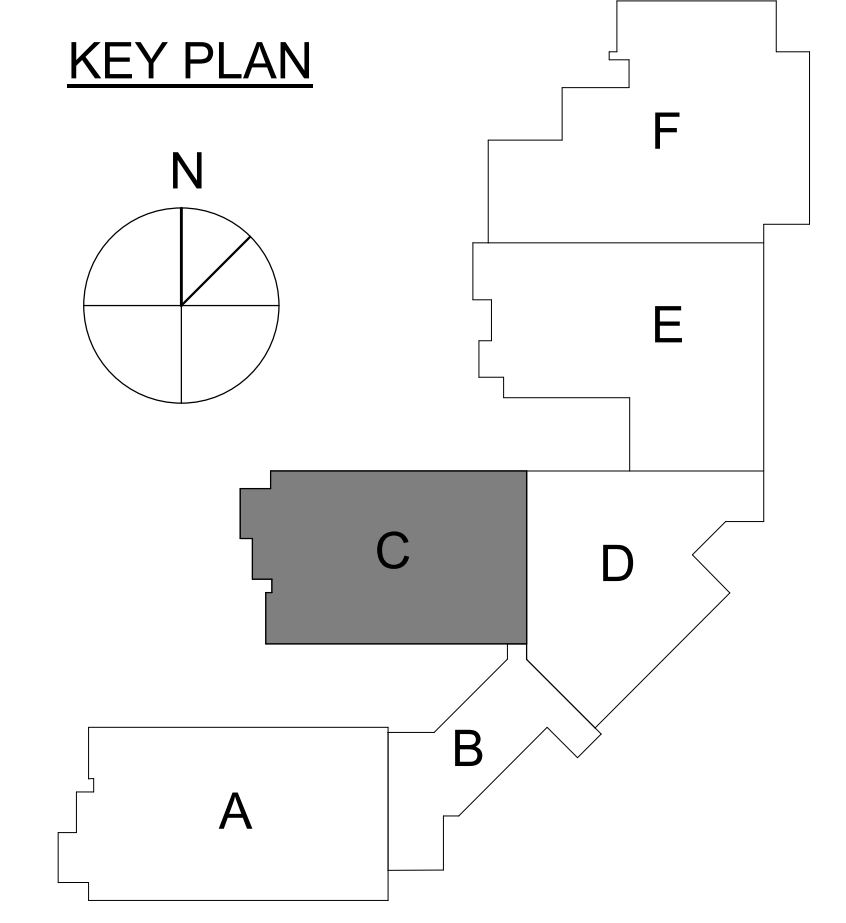
REVISIONS		
No.	Description	Date
2	Addendum #2	10/11/21

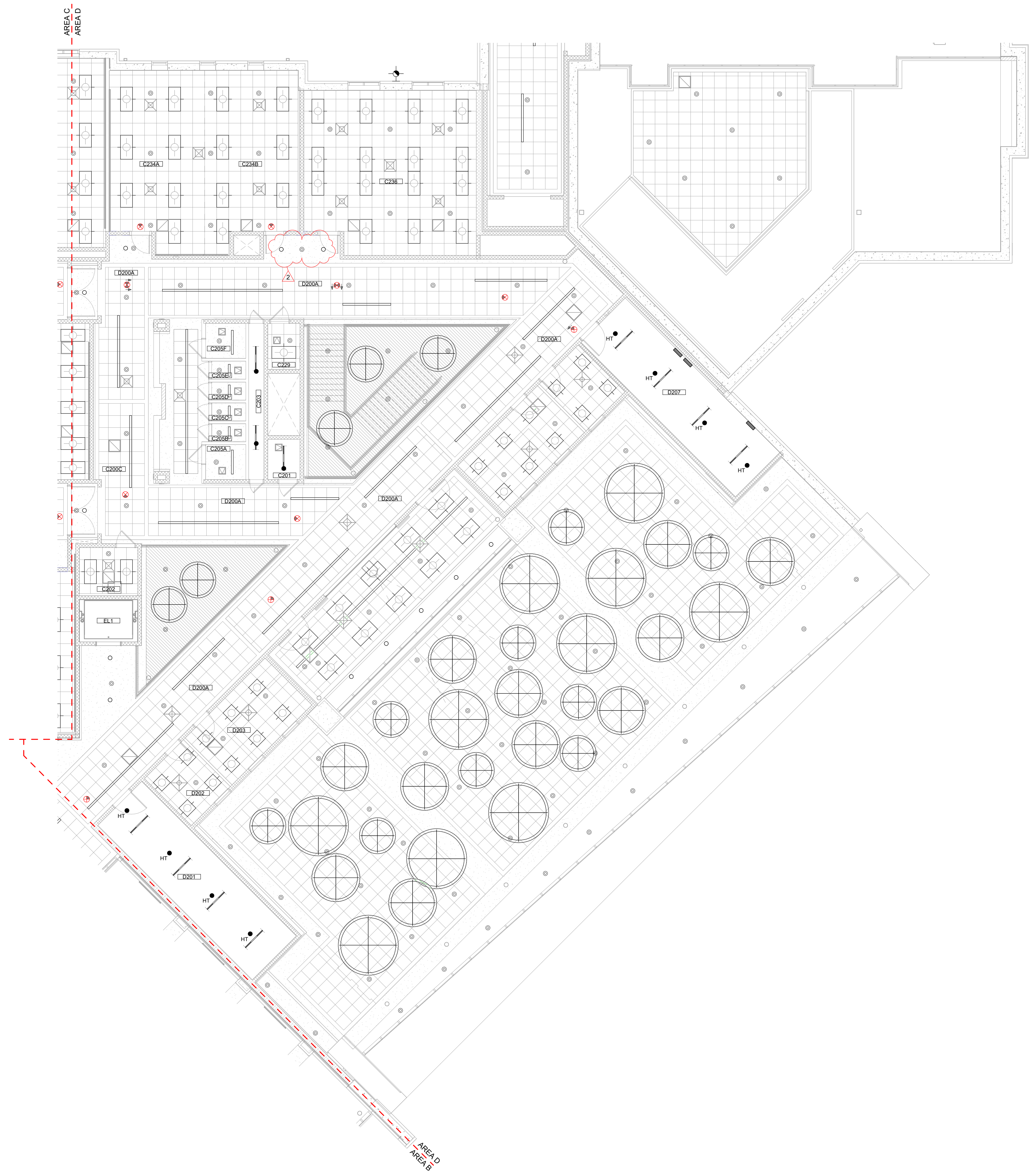
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**SECOND FLOOR FIRE PROTECTION PLAN - AREA C**

**FP-112C**

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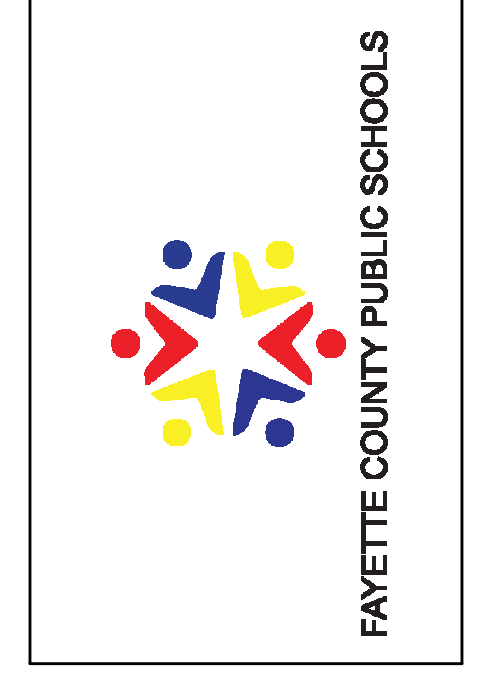


**A SECOND FLOOR FIRE PROTECTION PLAN - AREA D**  
SCALE: 1/8" = 1'-0"

ROOM NUMBER	ROOM SCHEDULE	ROOM NAME
A200A	CORRIDOR	
A200B	CORRIDOR	
A200C	CORRIDOR	
A200D	CORRIDOR	
A200E	CORRIDOR	
A201	CLUST	
A202	SCIENCE CLASSROOM	
A202A	SCIENCE STORAGE	
A203	CHASE	
A204	MECH ACCESS	
A205	RESTROOMS	
A205A	RR	
A205B	RR	
A205C	RR	
A205D	RR	
A205E	RR	
A205F	RR	
A206	CLASSROOM	
A207	STOR	
A208	CLASSROOM	
A209	WORKROOM	
A210	CLASSROOM	
A211	AP OFFICE	
A212	CLASSROOM	
A213	(COMPUTER) FLEX / MAKER	
A214	CLASSROOM	
A215	RESTROOMS	
A215A	RR	
A215B	RR	
A215C	RR	
A215D	RR	
A215E	RR	
A215F	RR	
A216	CLASSROOM	
A217	CHASE	
A218A	RESOURCE	
A218B	RESOURCE	
A219	STAFF	
A220	RESOURCE	
A221	CLUST	
A222	MECH ACCESS	
A223	GUIDANCE	
A224	SCIENCE CLASSROOM	
A224A	SCIENCE STORAGE	
A225	STAFF	
A226	CLASSROOM	
A228	CLASSROOM	
A230	CLASSROOM	
A232A	RESOURCE	
A232B	RESOURCE	
A234	STORAGE	
A236	SCIENCE CLASSROOM	
A236A	SCIENCE STORAGE	
B200A	CORRIDOR	
B201	MECH	
B201A	MECH	
C200A	CORRIDOR	
C200B	CORRIDOR	
C200C	CORRIDOR	
C200D	CORRIDOR	
C200E	CORRIDOR	
C201	CLUST	
C202	MOTHERS	
C203	CHASE	
C204B	RESOURCE	
C205	RESTROOMS	
C205A	RR	
C205B	RR	
C205C	RR	
C205D	RR	
C205E	RR	
C205F	RR	
C206	CLASSROOM	
C207	RESOURCE	
C208	CLASSROOM	
C209	WORKROOM	
C210	CLASSROOM	
C211	AP OFFICE	
C212	SCIENCE CLASSROOM	
C212A	SCIENCE STORAGE	
C213	STORAGE	
C214	MECH ACCESS	
C215	(COMPUTER) FLEX / MAKER	
C216	CLASSROOM	
C217	RESTROOMS	
C217A	RR	
C217B	RR	
C217C	RR	
C217D	RR	
C217E	RR	
C217F	RR	
C218	CLASSROOM	
C219	CHASE	
C220	RESOURCE	
C221	STAFF	
C222	CLASSROOM	
C223	CLUST	
C224	SCIENCE CLASSROOM	
C224A	SCIENCE STORAGE	
C225	MECH ACCESS	
C226	IT STOR / REPAIR	
C227	GUIDANCE	
C228	SCIENCE CLASSROOM	
C229	STAFF	
C230	CLASSROOM	
C232	CLASSROOM	
C234A	RESOURCE	
C234B	RESOURCE	
C236	CLASSROOM	
D200A	CORRIDOR	
D201	MECH	
D202	P.T.FLEX	
D203	P.T.FLEX	
D204	COMMONS	
D205	P.T.FLEX	
D206	P.T.FLEX	
D207	MECH	



**CONSTRUCTION DOCUMENTS**  
**NEW MIDDLE SCHOOL - POLO CLUB**  
FAYETTE COUNTY PUBLIC SCHOOLS  
LEXINGTON, KENTUCKY



**FIRE PROTECTION**

PROJECT	2019111
DATE	09/27/21

**REVISIONS**

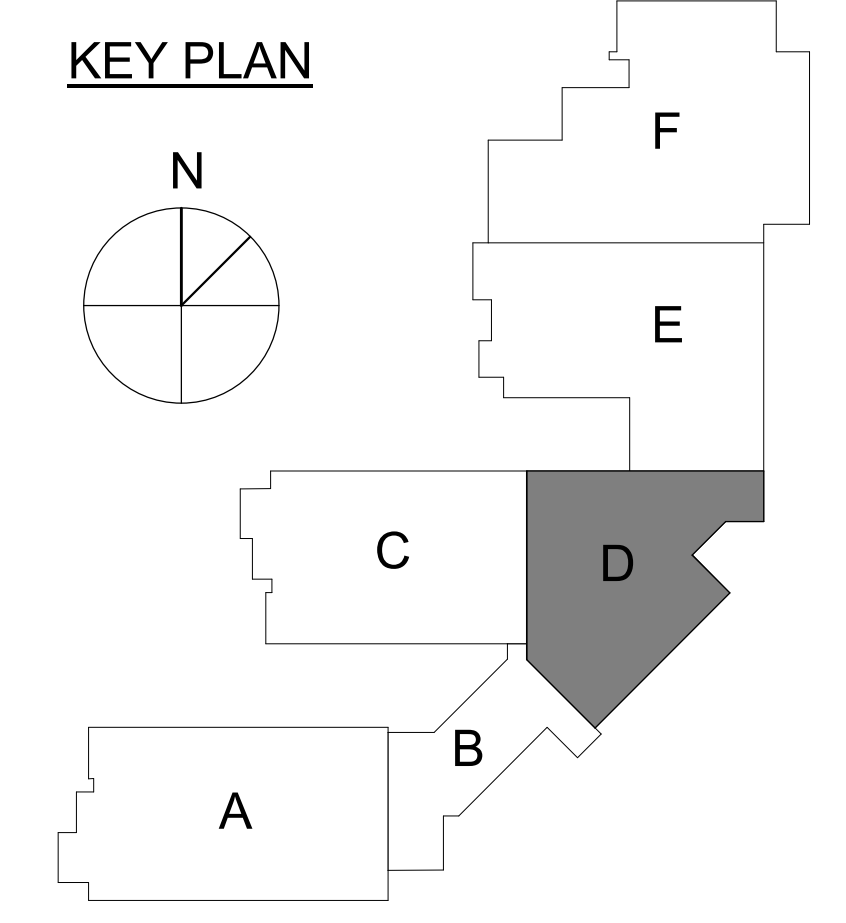
No.	Description	Date
2	Addendum #2	10/11/21

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**SECOND FLOOR FIRE PROTECTION PLAN - AREA D**

**FP-112D**

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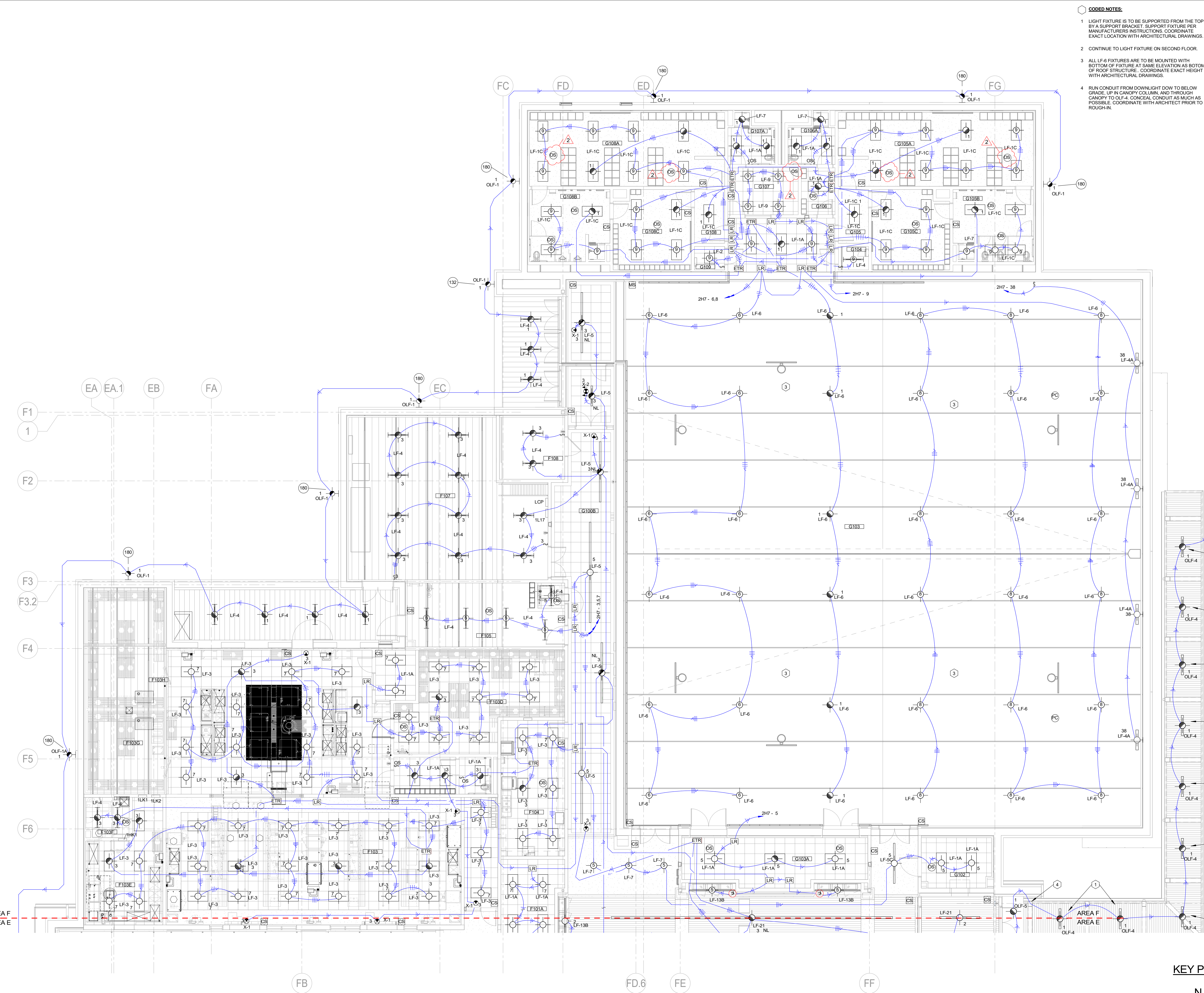


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- SCOPED NOTES:**
- 1 LIGHT FIXTURE IS TO BE SUPPORTED FROM THE TOP BY A SUPPORT BRACKET. SUPPORT FIXTURE PER MANUFACTURERS INSTRUCTIONS. COORDINATE EXACT LOCATION WITH ARCHITECTURAL DRAWINGS.
  - 2 CONTINUE TO LIGHT FIXTURE ON SECOND FLOOR.
  - 3 ALL LF-6 FIXTURES ARE TO BE MOUNTED WITH BOTTOM OF FIXTURE AT SAME ELEVATION AS BOTTOM OF ROOF STRUCTURE. COORDINATE EXACT HEIGHT WITH ARCHITECTURAL DRAWINGS.
  - 4 RUN CONDUIT FROM DOWNLIGHT DOWN TO BELOW GRADE, UP IN CANOPY COLUMN, AND THROUGH CANOPY TO OLF-4. CONDUIT AS MUCH AS POSSIBLE. COORDINATE WITH ARCHITECT PRIOR TO ROUGH-IN.

ROOM NUMBER	ROOM SCHEDULE	ROOM NAME
A100A	CORRIDOR	
A100B	CORRIDOR	
A100C	CORRIDOR	
A100D	CORRIDOR	
A100E	CORRIDOR	
A101	CUST	
A102	SCIENCE CLASSROOM	
A102A	SCIENCE STORAGE	
A103	CHASE	
A104	STORAGE	
A105	RESTROOMS	
A105A	RR	
A105B	RR	
A105C	RR	
A105D	RR	
A105E	RR	
A105F	RR	
A106	CLASSROOM	
A107	MEP	
A108	CLASSROOM	
A109	WORKROOM	
A110	CLASSROOM	
A111	AP OFFICE	
A112	CLASSROOM	
A113	(COMPUTER) FLEX / MAKER	
A114	CLASSROOM	
A115	RESTROOMS	
A115A	RR	
A115B	RR	
A115C	RR	
A115D	RR	
A115E	RR	
A115F	RR	
A116	CLASSROOM	
A117	CHASE	
A118A	RESOURCE	
A118B	RESOURCE	
A119	STAFF	

**JRA architects**  
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 Lexington, Kentucky 40509  
 859.252.6781

STATE OF KENTUCKY  
 WAYNE A. THOMAS  
 1989  
 REGISTERED ELECTRICAL ENGINEER

**STAGGS & FISHER**  
 CONSULTING ENGINEERS, INC.  
 3204 Loch Ness Drive  
 Lexington, KY 40507  
 859.271.3246

**CONSTRUCTION DOCUMENTS**

**NEW MIDDLE SCHOOL - POLO CLUB**  
 FAYETTE COUNTY PUBLIC SCHOOLS  
 LEXINGTON, KENTUCKY

FAYETTE COUNTY PUBLIC SCHOOLS

**ELECTRICAL**

PROJECT: 2019111  
 DATE: 09/27/21

**REVISIONS**

No.	Description	Date
2	Addendum #2	10/11/21

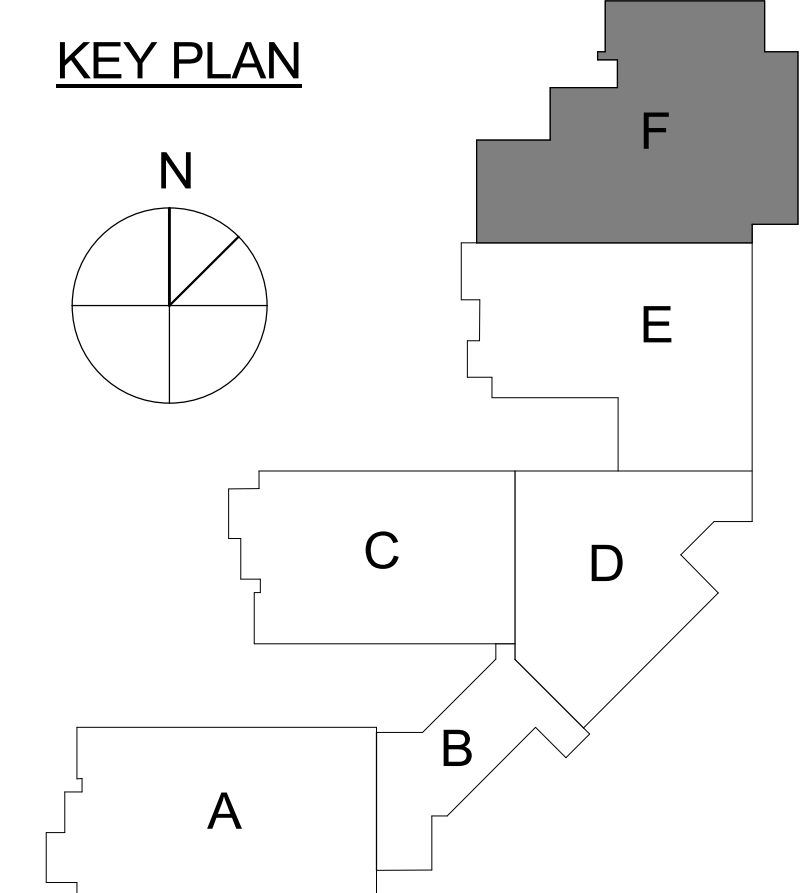
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**FIRST FLOOR LIGHTING PLAN - AREA F**

**E-111F**

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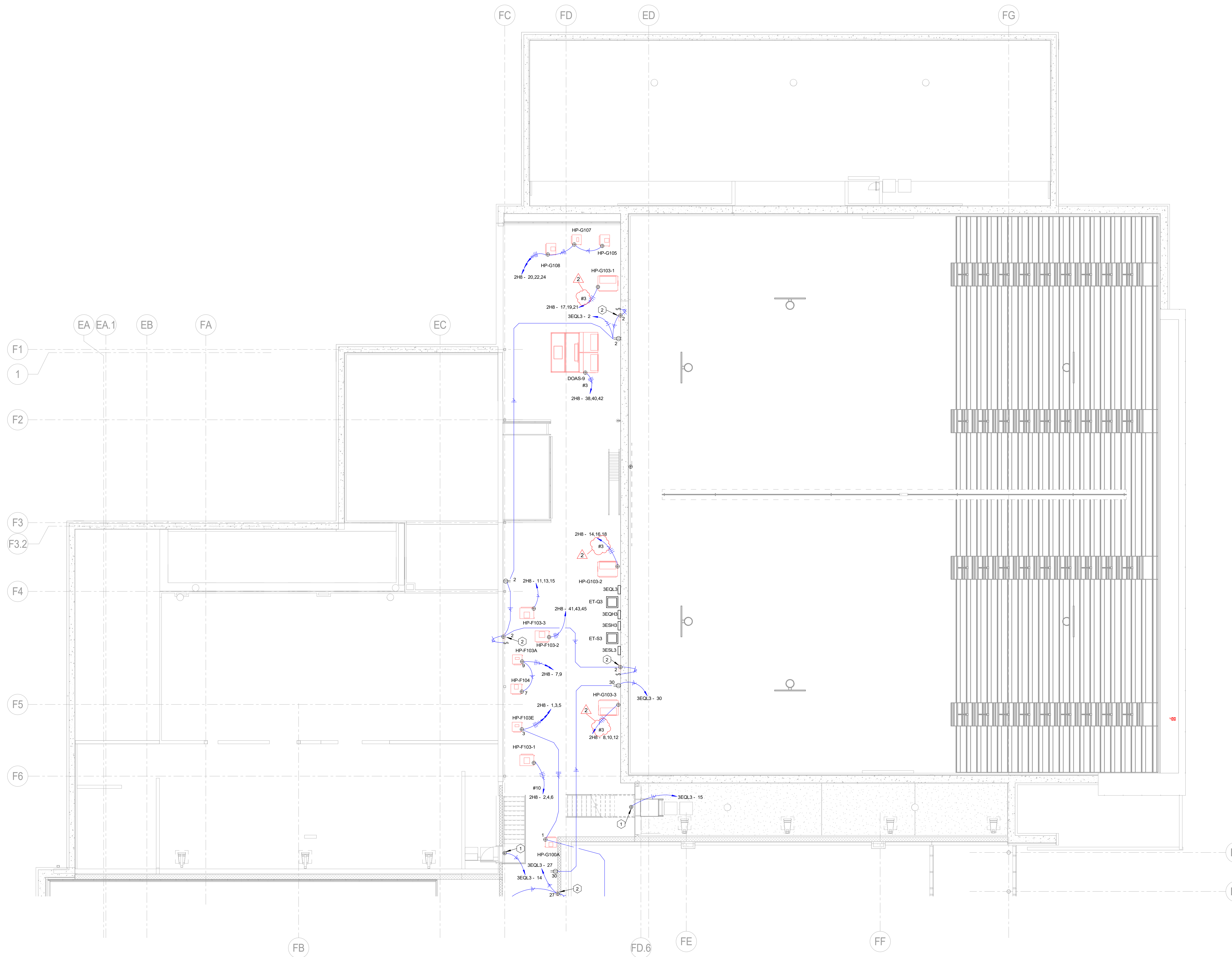
**FIRST FLOOR LIGHTING PLAN - AREA F**  
 SCALE: 1/8" = 1'-0"



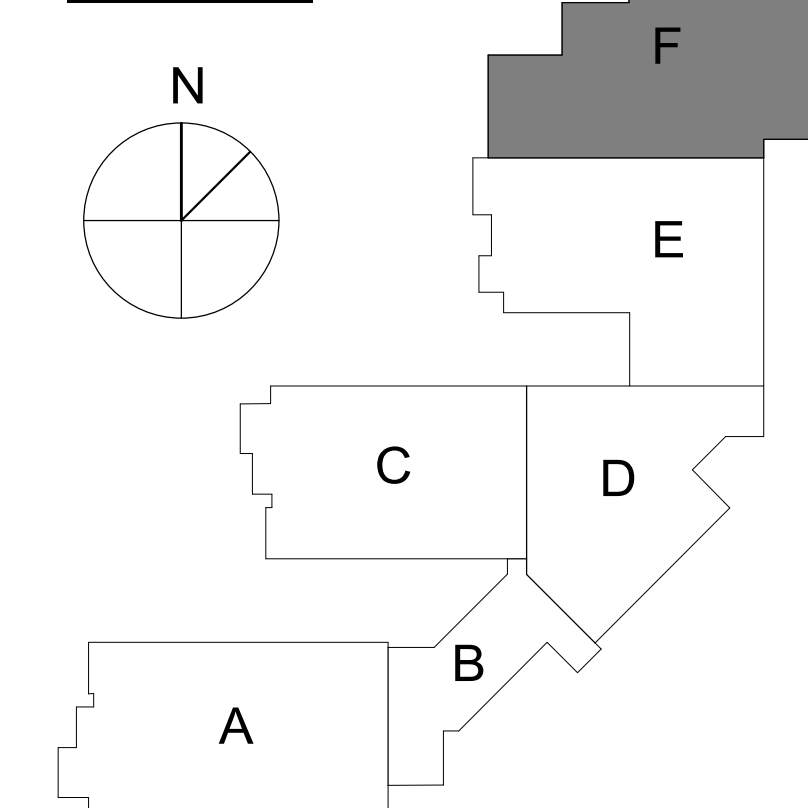
**NOTE:**  
 IF IT IS NOT INTENDED THAT THE PLANS SHOW ALL OFFSETS IN PIPES, CONDUITS, AND DUCTS REQUIRED FOR INSTALLATION OF THE WORK, DETAILS AND SECTIONS ARE INCLUDED FOR SOME AREAS TO SHOW INTERDEPENDENT RELATIONSHIP OF THE WORK OF VARIOUS TRADES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SUBCONTRACTORS TO COORDINATE INSTALLATION OF THE WORK AND TO PROVIDE THE NECESSARY OFFSETS, TRANSFORMATIONS, AND FITTINGS REQUIRED. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR CORRECTION CONFLICTS BETWEEN THE WORK OF VARIOUS TRADES. DETAILS AND SECTIONS ARE SHOWN FOR THE CONTRACTORS CONVENIENCE AND SHALL NOT BE CONSIDERED COMPLETE IN EVERY DETAIL.



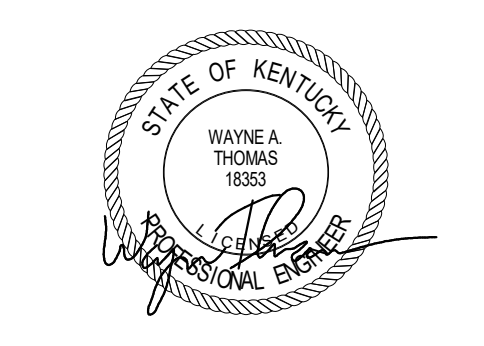
- CODED NOTES:**
- 1 MAKE CONNECTION TO DOOR POWER SUPPLY, FIELD VERIFY.
  - 2 PROVIDE ELECTRICAL CONNECTION TO TRAP PRIMER, AS REQUIRED.



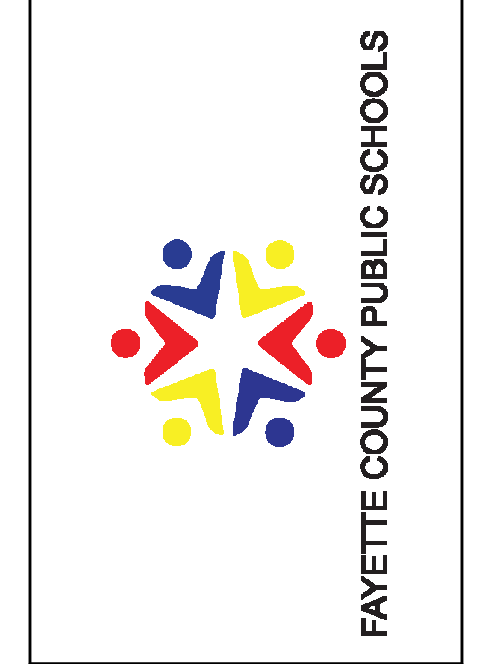
**KEY PLAN**



**NOTE:**  
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**CONSTRUCTION DOCUMENTS**  
**NEW MIDDLE SCHOOL - POLO CLUB**  
FAYETTE COUNTY PUBLIC SCHOOLS  
LEXINGTON, KENTUCKY



**ELECTRICAL**

PROJECT	2019111
DATE	09/27/21

**REVISIONS**

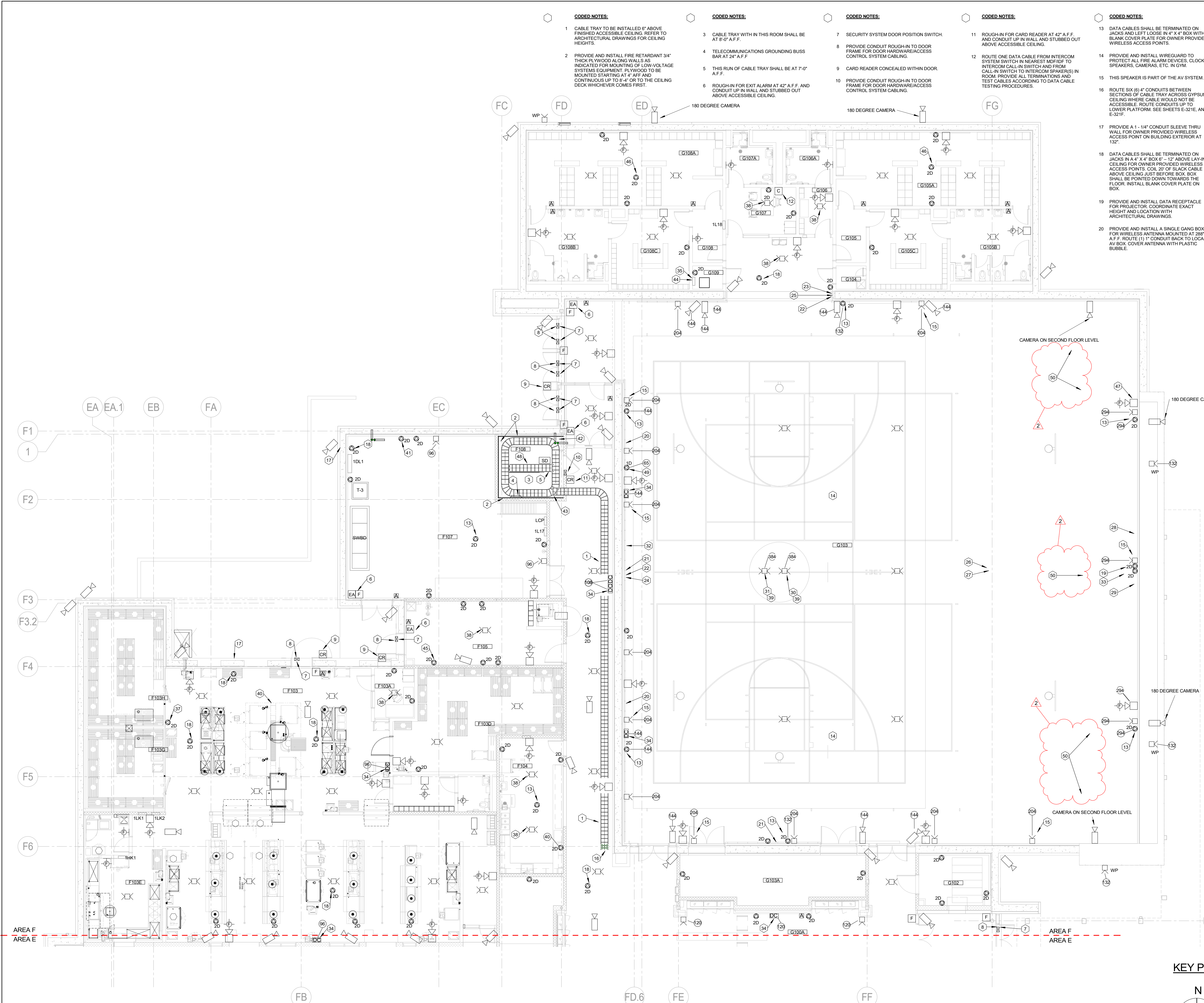
No.	Description	Date
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**LOWER PLATFORM POWER PLAN - AREA F**

**E-221F**

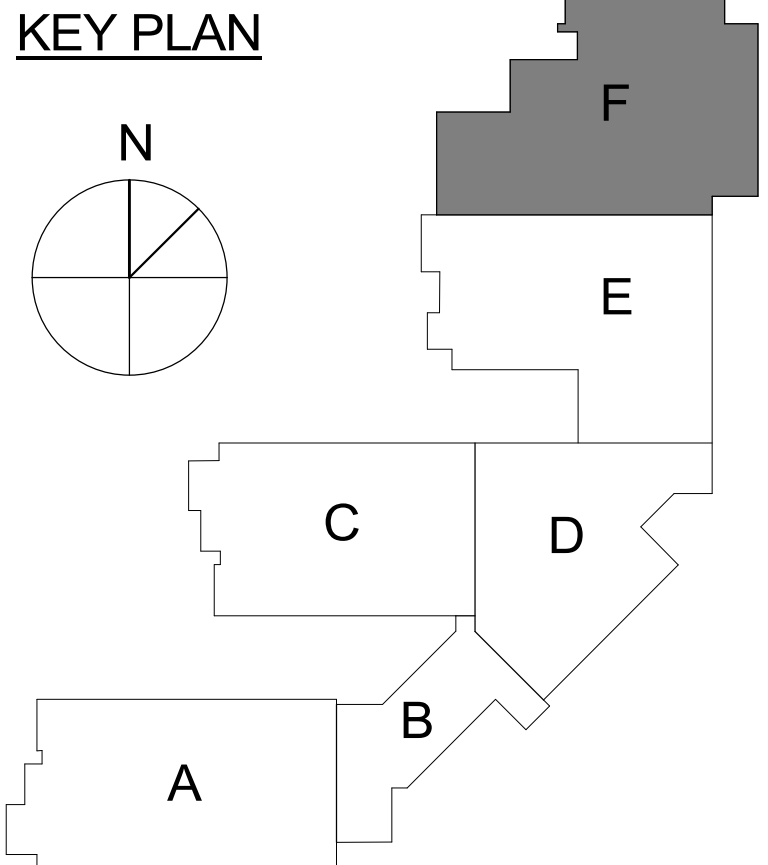
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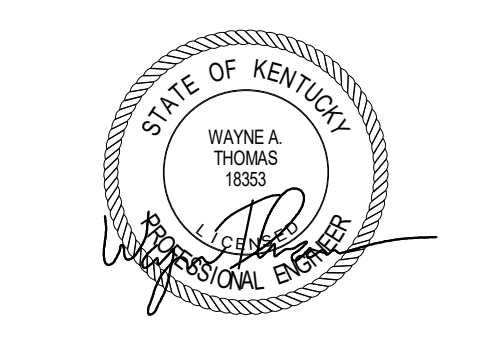
FIRST FLOOR LOW-VOLTAGE PLAN - AREA F  
SCALE: 1/8" = 1'-0"

ROOM NUMBER	ROOM SCHEDULE	ROOM NAME
A100A	CORRIDOR	
A100B	CORRIDOR	
A100C	CORRIDOR	
A100D	CORRIDOR	
A100E	CORRIDOR	
A101	CUST	
A102	SCIENCE CLASSROOM	
A102A	SCIENCE STORAGE	
A103	CHASE	
A104	STORAGE	
A105	RESTROOMS	
A105B	RR	
A105C	RR	
A105D	RR	
A105E	RR	
A105F	RR	
A106	CLASSROOM	
A107	MEP	
A108	CLASSROOM	
A109	WORKROOM	
A110	CLASSROOM	
A111	AP OFFICE	
A112	CLASSROOM	
A113	(COMPUTER) FLEX / MAKER	
A114	CLASSROOM	
A115	RESTROOMS	
A115A	RR	
A115B	RR	
A115C	RR	
A115D	RR	
A115E	RR	
A115F	RR	
A116	CLASSROOM	
A117	CHASE	
A118A	RESOURCE	
A118B	RESOURCE	
A118	STAFF	

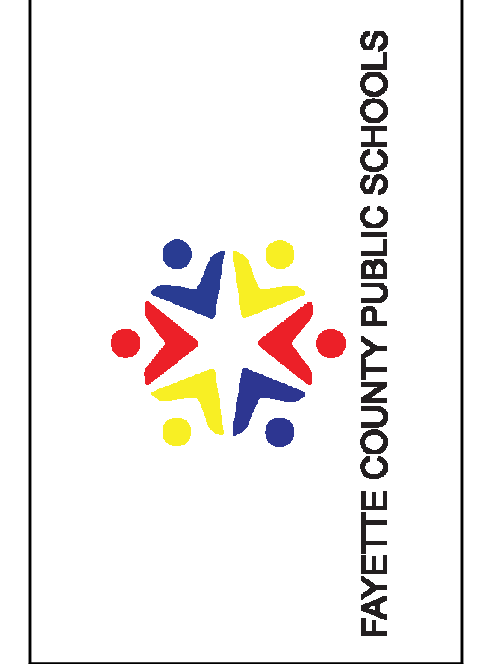
ROOM NUMBER	ROOM SCHEDULE	ROOM NAME
A120	RESOURCE	
A121	CUST	
A122	STORAGE	
A123	GUIDANCE	
A124	SCIENCE CLASSROOM	
A124A	SCIENCE STORAGE	
A125	ELECT.	
A126	CLASSROOM	
A127	STAFF	
A128	CLASSROOM	
A129	CLASSROOM	
A132A	RESOURCE	
A132B	RESOURCE	
A134	STORAGE	
A136	SCIENCE CLASSROOM	
A136A	SCIENCE STORAGE	
B100A	CORRIDOR	
B100A1	ENTRANCE LOBBY	
B100A2	VESTIBULE	
B100B	CORR.	
B101	MD STOR.	
B102	SRO	
B103	AP OFFICE	
B104	ATTENDANCE	
B105	FIRST AID	
B105A	EXAM	
B105B	EXAM	
B105C	TOILET	
B106	MAIL	
B107	RECORDS	
B108	SDBM OFFICE (BOOKKEEPER)	
B109	CLARENCE RECEPTION	
B110	PRINCIPAL	
B111	MENTAL HEALTH	
B112	SDBM CONFERENCE	
B113	WORKROOM	
B114	GUIDANCE OFFICE	
B115	OFFICE	
B115A	OFFICE	
B115B	TOILET	
B116	STAFF	
C100A	CORRIDOR	
C100A1	VEST	
C100B	CORRIDOR	
C100C	CORRIDOR	
C100D	CORRIDOR	
C100E	CORRIDOR	
C101	CUST.	
C102	DBM	
C103	CHASE	
C104	CLASSROOM	
C105	RESTROOMS	
C105A	RR	
C105B	RR	
C105C	RR	
C105D	RR	
C105E	RR	
C105F	RR	
C106	CLASSROOM	
C107	CLASSROOM	
C108	CLASSROOM	
C109	IDF	
C110	CLASSROOM	
C111	HEALTH SCIENCE	
C112	PMD	
C112A	TOILET	
C113	RESOURCE (OCCUP. THERAPY)	
C114	PMD	
C114A	TOILET	
C114B	STORAGE	
C115	RESTROOMS	
C115A	RR	
C115B	RR	
C115C	RR	
C115D	RR	
C115E	RR	
C115F	RR	
C116	CLASSROOM	
C117	CHASE	
C118	VO-AG LAB	
C118A	VO-AG TOOLS	
C118B	VO-STOR.	
C119	STAFF	
C120	VO-AG CLASSROOM	
C121	CUST.	
C122	CLASSROOM	
C123	ELECT.	
C124	CLASSROOM	
C125	STAFF	
C126	ART (DIGITAL)	
C128A	OFFICE STOR.	
C128B	ART (TRADITIONAL)	
C128C	FILE	
C128D	ART DISPLAY	
D101	MEDIA CENTER	
D101A	BROADCAST STUDIO	
D101B	MEDIA CENTER STORAGE	
D101C	INSER	
D101D	WORKROOM	
D102	WORKROOM	
D102C	SMALL STUDY	
D102D	SMALL STUDY	
D102E	SMALL STUDY	
D102F	SMALL STUDY	
D103	FLEX OFFICE	
E100A	CORRIDOR	
E100B	CORRIDOR	
E101	FAMILY CONSUMER SCIENCE	
E101A	STORAGE	
E102	CLASSROOM	
E103	ORCHESTRA	
E103A	PRACTICE	
E103B	PRACTICE	
E103C	OFFICE	
E103D	STAGE	
E104	BOARD ROOM	
E104A	OFFICE	
E104B	PRACTICE	
E104C	PRACTICE	
E104D	PRACTICE	
E105	HC TOILET	
E106	TOILET	
E107	TOILET	
E108	TOILET	
E110	VOCAL ROOM	
E111	STORM MECHANICAL	
E111A	GENERATOR ROOM	
E11	ELEVATOR	
F100A	CORRIDOR	
F101	CATERINA	
F101A	STORAGE	
F101B	CUST.	
F101C	STORAGE	
F102	IDF	
F102B	STAGE ACCESS	
F102C	STAGE ACCESS	
F103	STAGE ACCESS	
F103A	OFFICE	
F103B	STAFF LOCKERS	
F103C	TOILET	
F103D	DRY FOOD STORAGE	
F103E	DISH WASH	
F103F	NON-FOOD STORAGE	
F103G	COOLER	
F103H	FREEZER	
F104	CONCESS / BOOKSTORE	
F105	CUSTODIAL RECEIVING	
F106	ICE	
F107	MECHANICAL	
F108	IDF	
G100A	GYM LOBBY	
G100B	CORRIDOR	
G101	RESTROOMS	
G101A	FAMILY RR	
G101B	CUSTODIAL	
G101C	RR	
G101D	RR	
G101E	RR	
G101F	RR	
G101G	RR	
G101H	HC RR	
G101J	CHASE	
G102	MD STOR.	
G103	GYMNASIUM	
G103A	PE STORAGE	
G104	CUST	
G105	LOCKER VEST	
G105A	GIRLS LOCKER #2	
G105B	GIRLS TOILET	
G105C	GIRLS LOCKER #1	
G106	INCLUS. LOCKER	
G106A	INCLUS. RR	
G107	OFFICE	
G107A	RR	
G108	LOCKER VEST	
G108A	BOYS LOCKER #2	
G108B	BOYS TOILET	
G108C	BOYS LOCKER #1	
G109	SOUND	
G1001A1	VESTIBULE	
R1	STAIR RAMP	
ST1	STAIR	
ST1A	STAIR	
ST1B	STAIR	
ST1C	STAIR	
STD1	STAIR	



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CONSTRUCTION DOCUMENTS  
NEW MIDDLE SCHOOL - POLO CLUB  
FAYETTE COUNTY PUBLIC SCHOOLS  
LEXINGTON, KENTUCKY



ELECTRICAL

PROJECT 2019111  
DATE 09/27/21

REVISIONS		
No.	Description	Date
2	Addressed #2	10/11/21

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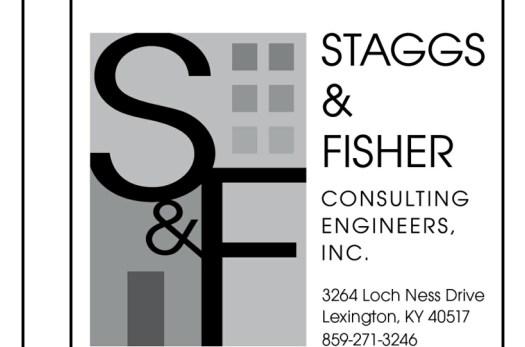
FIRST FLOOR LOW-VOLTAGE PLAN - AREA F

E-311F  
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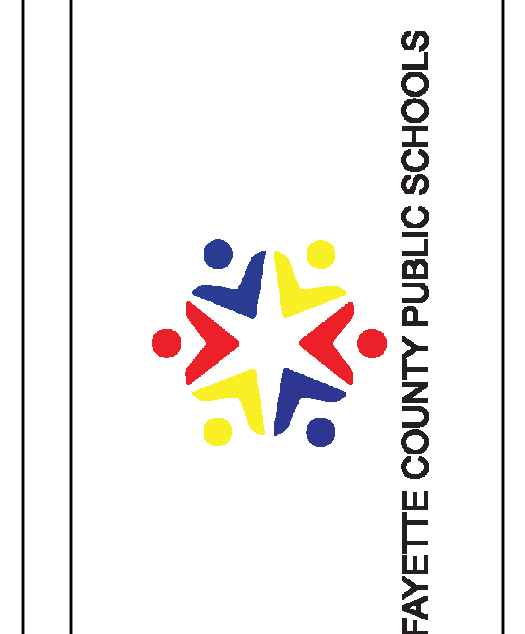


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CONSTRUCTION DOCUMENTS  
NEW MIDDLE SCHOOL - POLO CLUB  
FAYETTE COUNTY PUBLIC SCHOOLS  
LEXINGTON, KENTUCKY



ELECTRICAL

PROJECT 2019111  
DATE 09/27/21

Table with 3 columns: No., Description, Date. Row 1: 2, Addendum #2, 10/1/21

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ELECTRICAL PANEL SCHEDULES

E-415

Branch Panel: 2H6. Location: MECH B301. Supply From: 3DH1. Mains Type: MLO. MCB/MLO Rating: 150. A.I.C. Rating: 42,000. Phases: 3. Wires: 4. Table with 15 columns: CKT, Circuit Description, Trip, Poles, A, B, C, Poles, Trip, Circuit Description, CKT. Total Load: 9287 VA, 34 A.

Branch Panel: 2H4. Location: MECH PLATFORM C301. Supply From: 3DH2. Mains Type: MLO. MCB/MLO Rating: 400. A.I.C. Rating: 42,000. Phases: 3. Wires: 4. Table with 15 columns: CKT, Circuit Description, Trip, Poles, A, B, C, Poles, Trip, Circuit Description, CKT. Total Load: 49522 VA, 180 A.

Branch Panel: 2H3. Location: MECH PLATFORM C301. Supply From: 3DH2. Mains Type: MLO. MCB/MLO Rating: 400. A.I.C. Rating: 42,000. Phases: 3. Wires: 4. Table with 15 columns: CKT, Circuit Description, Trip, Poles, A, B, C, Poles, Trip, Circuit Description, CKT. Total Load: 77507 VA, 281 A.

Branch Panel: 2H8. Location: MECH PLATFORM G301. Supply From: SWBD. Mains Type: MLO. MCB/MLO Rating: 600. A.I.C. Rating: 42,000. Phases: 3. Wires: 4. Table with 15 columns: CKT, Circuit Description, Trip, Poles, A, B, C, Poles, Trip, Circuit Description, CKT. Total Load: 119839 VA, 434 A.

Branch Panel: 2H7. Location: MECH PLATFORM G301. Supply From: SWBD. Mains Type: MLO. MCB/MLO Rating: 225. A.I.C. Rating: 42,000. Phases: 3. Wires: 4. Table with 15 columns: CKT, Circuit Description, Trip, Poles, A, B, C, Poles, Trip, Circuit Description, CKT. Total Load: 53045 VA, 193 A.

Branch Panel: 2H6. Location: MECH D207. Supply From: 3DH2. Mains Type: MLO. MCB/MLO Rating: 225. A.I.C. Rating: 42,000. Phases: 3. Wires: 4. Table with 15 columns: CKT, Circuit Description, Trip, Poles, A, B, C, Poles, Trip, Circuit Description, CKT. Total Load: 17033 VA, 62 A.

Branch Panel: 2L3. Location: MECH PLATFORM A301. Supply From: 3DL1. Mains Type: MLO. MCB/MLO Rating: 100. A.I.C. Rating: 22,000. Phases: 3. Wires: 4. Table with 15 columns: CKT, Circuit Description, Trip, Poles, A, B, C, Poles, Trip, Circuit Description, CKT. Total Load: 8620 VA, 56 A.

Branch Panel: 2L2. Location: MECH PLATFORM A301. Supply From: 3DL1. Mains Type: MLO. MCB/MLO Rating: 150. A.I.C. Rating: 22,000. Phases: 3. Wires: 4. Table with 15 columns: CKT, Circuit Description, Trip, Poles, A, B, C, Poles, Trip, Circuit Description, CKT. Total Load: 4680 VA, 39 A.

Branch Panel: 2L1. Location: SCIENCE STORAGE A224A. Supply From: 3DL1. Mains Type: MLO. MCB/MLO Rating: 150. A.I.C. Rating: 22,000. Phases: 3. Wires: 4. Table with 15 columns: CKT, Circuit Description, Trip, Poles, A, B, C, Poles, Trip, Circuit Description, CKT. Total Load: 2180 VA, 18 A.

October 11, 2021

Melinda Joseph-Dezarn  
Fayette County Public Schools  
400 Springhill Drive  
Lexington, KY 40503

**RE: Addendum #1: Deep Foundations and Lime Modification  
Fayette County Public Schools New Middle School  
Lexington, Kentucky  
L.E. Gregg Project Number: 2021018**

Ms. Joseph-Dezarn

L.E. Gregg Associates has been asked to provide recommendations for deep foundations and lime modification for the subsurface exploration and report completed for the new middle school project located on Polo Club Boulevard in Lexington, Kentucky.

### **Deep Foundations**

All of the foundation elements should bear on the underlying bedrock as indicated in the original geotechnical report. It is our understanding that some areas will have deeper bedrock depths which would make it more feasible to use deep foundation elements instead of trenching down to bedrock. The deep foundation elements may consist of micropiles or drilled shafts. The design and construction methods will depend on the type of deep foundation chosen for the project. We would recommend that drilled shafts have a minimum diameter of 24 in.; however, drilled shafts with small diameters can be difficult to inspect in the field. An allowable bearing capacity of 30 ksf may be used for the drilled shafts. The drilled shaft should be socketed into the bedrock to a minimum depth that will resist the later loading or 24 in., whichever is greater. In order to check the continuity of the bedrock at drilled shaft locations, a 2 to 3 inch diameter air hole should be drilled in the footprint of each column location to a depth of five (5) feet. The hole should then be “probed” by a qualified geotechnical technician to check for any soft compressible seams, coal or other discontinuities. If this check indicates a discontinuous or compressible seam in the rock, the drilled hole should be excavated deeper. Significant deviations from the specified or anticipated conditions should be reported to the owner's representative and to the foundation designer.

L.E. Gregg recommends selection of a foundation contractor with experienced engineers on staff to assist in the design process and that the piles be installed according to the manufacturer's specifications by an experienced specialty contractor and should fully penetrate any weathered rock to bear on competent bedrock. A representative from L.E. Gregg should observe and document the installation of the system to confirm that the embedment into competent bedrock is consistent with manufacturer's recommendations.

**Lime Modification**

Natural lean and fat clay materials were encountered during the field exploration. These materials are not found uniformly across the site or with stratification depth. The fat clay materials can be largely indistinguishable from the lean clay materials encountered on site and will be hard to classify in the field. In order to determine an on-site borrow location, the materials would need to be tested before use to verify compliance with the specifications.

In lieu of undercutting slab areas a minimum of 24 in. and replacing with lean clay engineered fill, we would recommend that the materials be lime modified to reduce the plasticity. The materials beneath the slab and other concrete paving areas should be lime modified a minimum of 12 in. below the crushed aggregate base. The amount of lime required is typically 3-5 % by weight; however, this will depend on the material and lime modified proctors should be completed to determine the appropriate amount. We would recommend using 3% by weight for bidding purposes and have a unit cost in place if this amount must be modified after the lime modified proctors are completed.

We appreciate the opportunity to assist you on this project. If we can be of further service on this or other projects, please contact us.

Respectfully,  
**L.E. GREGG ASSOCIATES**

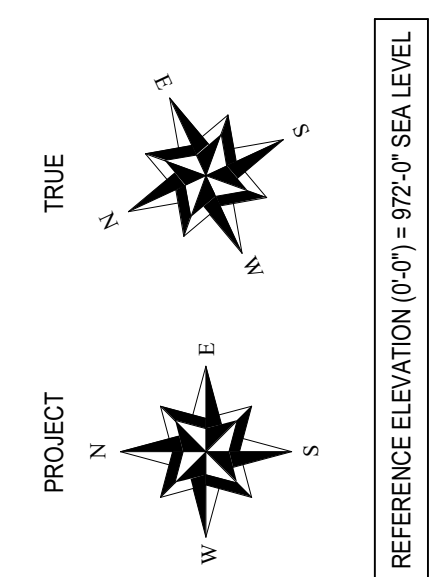
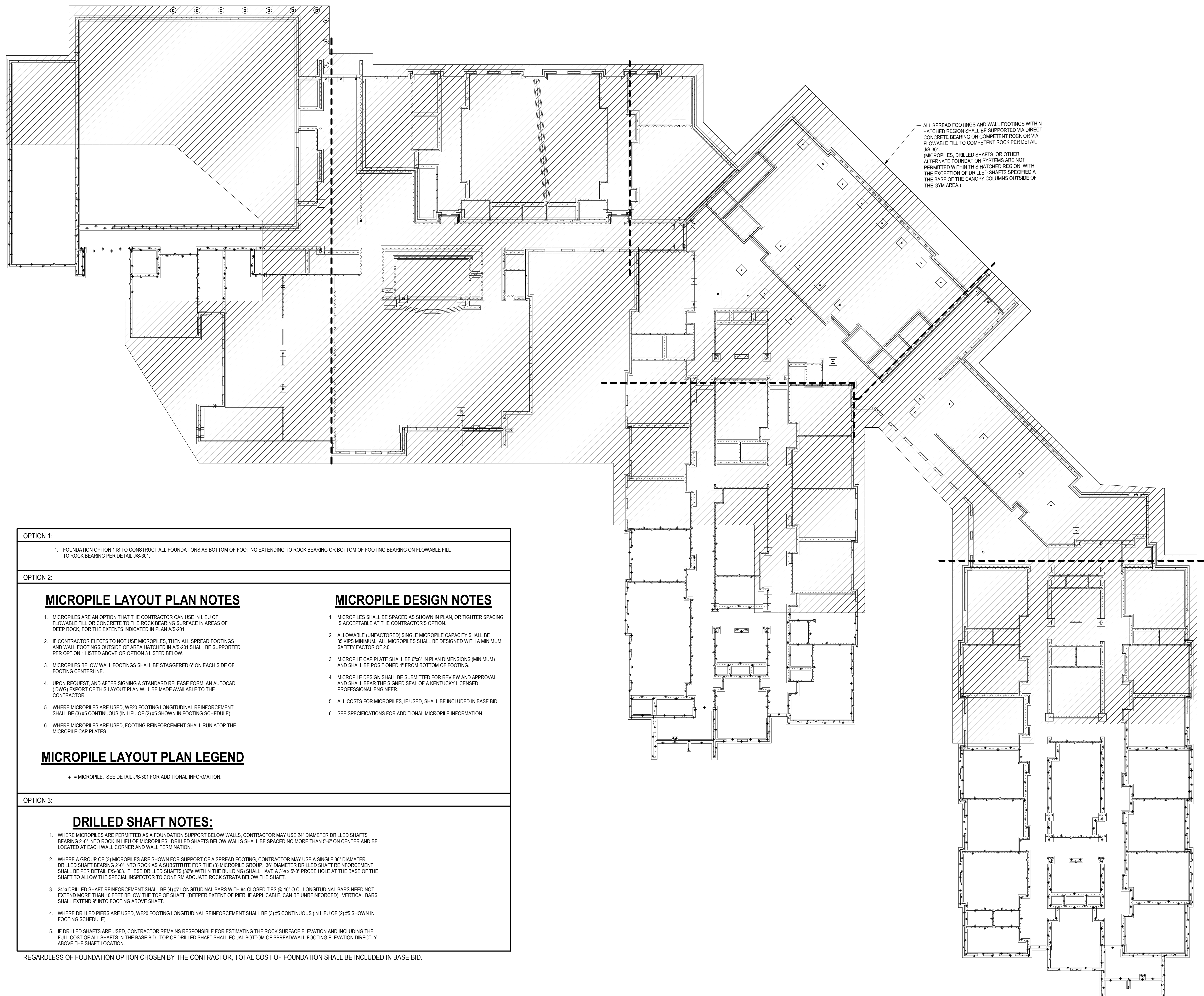


Steven Mortimer, P.E.  
Senior Engineer



Jason Ainslie, P.E.  
President

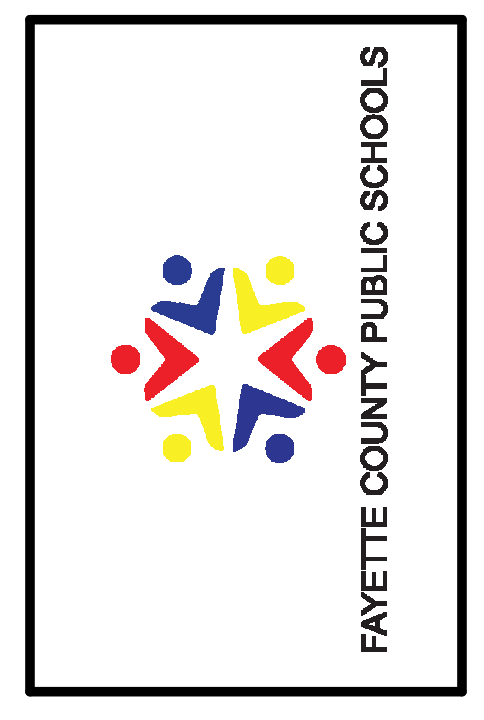




**A** MICROPILE LAYOUT PLAN  
S-201 1" = 20'-0"

<p><b>OPTION 1:</b></p> <p>1. FOUNDATION OPTION 1 IS TO CONSTRUCT ALL FOUNDATIONS AS BOTTOM OF FOOTING EXTENDING TO ROCK BEARING OR BOTTOM OF FOOTING BEARING ON FLOWABLE FILL TO ROCK BEARING PER DETAIL JIS-301.</p>	
<p><b>OPTION 2:</b></p> <div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <p><b>MICROPILE LAYOUT PLAN NOTES</b></p> <ol style="list-style-type: none"> <li>MICROPILES ARE AN OPTION THAT THE CONTRACTOR CAN USE IN LIEU OF FLOWABLE FILL OR CONCRETE TO THE ROCK BEARING SURFACE IN AREAS OF DEEP ROCK, FOR THE EXTENTS INDICATED IN PLAN A/S-201.</li> <li>IF CONTRACTOR ELECTS TO NOT USE MICROPILES, THEN ALL SPREAD FOOTINGS AND WALL FOOTINGS OUTSIDE OF AREA HATCHED IN A/S-201 SHALL BE SUPPORTED PER OPTION 1 LISTED ABOVE OR OPTION 3 LISTED BELOW.</li> <li>MICROPILES BELOW WALL FOOTINGS SHALL BE STAGGERED 6" ON EACH SIDE OF FOOTING CENTERLINE.</li> <li>UPON REQUEST, AND AFTER SIGNING A STANDARD RELEASE FORM, AN AUTOCAD (DWG) EXPORT OF THIS LAYOUT PLAN WILL BE MADE AVAILABLE TO THE CONTRACTOR.</li> <li>WHERE MICROPILES ARE USED, W#20 FOOTING LONGITUDINAL REINFORCEMENT SHALL BE (3) #5 CONTINUOUS (IN LIEU OF (2) #5 SHOWN IN FOOTING SCHEDULE).</li> <li>WHERE MICROPILES ARE USED, FOOTING REINFORCEMENT SHALL RUN ATOP THE MICROPILE CAP PLATES.</li> </ol> <p><b>MICROPILE LAYOUT PLAN LEGEND</b></p> <p>◆ = MICROPILE. SEE DETAIL JIS-301 FOR ADDITIONAL INFORMATION.</p> </div> <div style="width: 48%;"> <p><b>MICROPILE DESIGN NOTES</b></p> <ol style="list-style-type: none"> <li>MICROPILES SHALL BE SPACED AS SHOWN IN PLAN, OR TIGHTER SPACING IS ACCEPTABLE AT THE CONTRACTOR'S OPTION.</li> <li>ALLOWABLE (UNFACTORED) SINGLE MICROPILE CAPACITY SHALL BE 35 KIPS MINIMUM. ALL MICROPILES SHALL BE DESIGNED WITH A MINIMUM SAFETY FACTOR OF 2.0.</li> <li>MICROPILE CAP PLATE SHALL BE 6"x6" IN PLAN DIMENSIONS (MINIMUM) AND SHALL BE POSITIONED 4" FROM BOTTOM OF FOOTING.</li> <li>MICROPILE DESIGN SHALL BE SUBMITTED FOR REVIEW AND APPROVAL AND SHALL BEAR THE SIGNED SEAL OF A KENTUCKY LICENSED PROFESSIONAL ENGINEER.</li> <li>ALL COSTS FOR MICROPILES, IF USED, SHALL BE INCLUDED IN BASE BID.</li> <li>SEE SPECIFICATIONS FOR ADDITIONAL MICROPILE INFORMATION.</li> </ol> </div> </div>	
<p><b>OPTION 3:</b></p> <p><b>DRILLED SHAFT NOTES:</b></p> <ol style="list-style-type: none"> <li>WHERE MICROPILES ARE PERMITTED AS A FOUNDATION SUPPORT BELOW WALLS, CONTRACTOR MAY USE 24" DIAMETER DRILLED SHAFTS BEARING 2'-0" INTO ROCK IN LIEU OF MICROPILES. DRILLED SHAFTS BELOW WALLS SHALL BE SPACED NO MORE THAN 5'-0" ON CENTER AND BE LOCATED AT EACH WALL CORNER AND WALL TERMINATION.</li> <li>WHERE A GROUP OF (3) MICROPILES ARE SHOWN FOR SUPPORT OF A SPREAD FOOTING, CONTRACTOR MAY USE A SINGLE 36" DIAMETER DRILLED SHAFT BEARING 2'-0" INTO ROCK AS A SUBSTITUTE FOR THE (3) MICROPILE GROUP. 36" DIAMETER DRILLED SHAFT REINFORCEMENT SHALL BE PER DETAIL E/S-303. THESE DRILLED SHAFTS (30" WITHIN THE BUILDING) SHALL HAVE A 3" x 5'-0" PROBE HOLE AT THE BASE OF THE SHAFT TO ALLOW THE SPECIAL INSPECTOR TO CONFIRM INDICATE ROCK STRATA BELOW THE SHAFT.</li> <li>24" DRILLED SHAFT REINFORCEMENT SHALL BE (4) #7 LONGITUDINAL BARS WITH #4 CLOSED TIES @ 10" O.C. LONGITUDINAL BARS NEED NOT EXTEND MORE THAN 10 FEET BELOW THE TOP OF SHAFT (DEEPER EXTENT OF PIER, IF APPLICABLE, CAN BE UNREINFORCED). VERTICAL BARS SHALL EXTEND 9" INTO FOOTING ABOVE SHAFT.</li> <li>WHERE DRILLED PIERS ARE USED, W#20 FOOTING LONGITUDINAL REINFORCEMENT SHALL BE (3) #5 CONTINUOUS (IN LIEU OF (2) #5 SHOWN IN FOOTING SCHEDULE).</li> <li>IF DRILLED SHAFTS ARE USED, CONTRACTOR REMAINS RESPONSIBLE FOR ESTIMATING THE ROCK SURFACE ELEVATION AND INCLUDING THE FULL COST OF ALL SHAFTS IN THE BASE BID. TOP OF DRILLED SHAFT SHALL EQUAL BOTTOM OF SPREAD/WALL FOOTING ELEVATION DIRECTLY ABOVE THE SHAFT LOCATION.</li> </ol>	

REGARDLESS OF FOUNDATION OPTION CHOSEN BY THE CONTRACTOR, TOTAL COST OF FOUNDATION SHALL BE INCLUDED IN BASE BID.



STRUCTURAL		
PROJECT	202078	
DATE	9-27-21	
REVISIONS		
No.	Description	Date
2	ADDENDUM 2	10/11/21

JRA ARCHITECTS HAS RETAINED AN ELECTRONIC VERSION OF THESE DRAWINGS. THE CLIENT AGREES NOT TO REUSE THESE DRAWINGS - IN ELECTRONIC OR ANY OTHER FORMAT - IN WHOLE OR IN PART FOR ANY PURPOSE OTHER THAN FOR THE PROJECT. THE CLIENT AGREES NOT TO REUSE THESE ELECTRONIC FILES FOR OTHERS WITHOUT THE PRIOR WRITTEN FURTHER AGREES TO WAIVE ALL CLAIMS AGAINST THE ARCHITECT RESULTING IN ANY WAY FROM ANY UNAUTHORIZED CHANGES TO OR REUSE OF THE ELECTRONIC FILES FOR ANY OTHER PROJECT BY ANYONE OTHER THAN THE ARCHITECT.

## SECTION 312000 - EARTH MOVING

## PART 1 GENERAL

## 1.01 DESCRIPTION

- A. Perform earthwork as shown and specified. The work includes:
1. Site grading and filling to indicated elevations and contours.
  2. Excavating and backfilling structure footings and foundations.
  3. Undercutting unsuitable materials.
  4. Subgrade preparation for structure slabs, curbs, walks, and paving.
  5. Aggregate base for paving.
  6. Topsoil distribution and finish grading.
  7. Granular base under structure slabs-on-grade.
  8. Geogrid used for mechanical ground stabilization.
  9. Blasting.
- B. Related Work:
1. Section 311000: Site Clearing.
  2. Section 334100: Storm Utility Drainage Piping.
  3. Section 329200: Turf and Grasses.
  4. Section 321216: Asphalt Paving.
  5. Section 321313: Concrete Paving.

## 1.02 QUALITY ASSURANCE

- A. Testing and inspection: Performed by a qualified independent testing laboratory, under the supervision of a registered professional engineer, specializing in geotechnical and soils engineering. All earthwork testing will be performed by the special inspector.
- B. Materials and methods of construction shall comply with the following standards:
1. Kentucky Department of Transportation Standard Specifications for Road and Bridge Construction, latest edition.
  2. American Society for Testing and Materials, (ASTM).
  3. American Association of State Highway and Transportation Officials, (AASHTO).

4. National Fire Protection Association, (NFPA).
5. Geotechnical Report by CSI, Inc. dated August 22, 2019.

#### 1.03 SUBMITTALS

- A. Provide samples of materials proposed for use. Forward soil samples to testing laboratory for testing as directed by the Geotechnical Engineer.
- B. Submit reports and certifications for testing and inspection of the following:
  1. Fill and backfill materials.
  2. Compaction operations.
  3. Foundation excavations and footing subgrade.
- C. Blasting
  1. Submit qualifications of the Blaster in Charge (BIC) 10 days prior to work.

#### 1.04 PROJECT CONDITIONS

- A. On behalf of the Owner, LE Gregg Associates prepared the Report of Geotechnical Exploration report dated July 7, 2021. This report provides valuable information concerning the site and recommendations for construction. The report is provided as a reference in the Project Manual and all Contractors shall familiarize themselves thoroughly with them in order to fully understand the design intent of the Construction Documents. The Owner, Architect, Landscape Architect, Engineers and Geotechnical Engineer will not be held responsible for interpretations or conclusions drawn by the Contractor based on data in the report. The Contractor shall ask for any ambiguities or discrepancies between the Report and the Construction Documents to be clarified prior to the deadline for final addendum, otherwise it is assumed that the Contractor fully understands the inherent site issues and no claims will be considered.
- B. Known underground and surface utility lines are indicated on the drawing. Contractor is responsible for verifying location of existing utilities.
- C. Protect existing trees, plants, lawns, and other features designated to remain as part of the landscaping work.
- D. Protect excavations by shoring, bracing, sheeting, underpinning, or other methods, as required to prevent cave-ins or loose dirt from entering excavations. Barricade open excavations and post warning lights at work adjacent to public streets and walks.
- E. Underpin adjacent structure (s), including utility service lines, which may be damaged by excavation operations.
- F. Promptly repair damage to adjacent facilities caused by earthwork operations. Cost of repair at Contractor's expense.
- G. Promptly notify the Architect of unexpected sub-surface conditions.

- H. Protect bottoms of excavations and soil beneath and around foundation from frost and freezing.
- I. Grade at excavations to prevent surface water draining into excavated areas.

## PART 2 PRODUCTS

### 2.01 MATERIALS

- A. All fill material is subject to testing and inspection.
- B. Fill materials: Inert subsoil material free of organic matter, rubbish, debris, and rocks greater than 6" diameter and meeting the following requirements:
  - 1. Plasticity index of not more than 25 with a maximum dry density (ASTM D698) greater than 90 pcf.
  - 2. Moisture content of compacted fill shall be maintained within 2 percent of optimum moisture.
  - 3. Utilize off-site borrow fill material when necessary. PI of off-site borrow fill is to be less than 21. Verify suitability of off-site borrow fill material and locations with the Geotechnical Engineer.
  - 4. Proposed fill material shall be inspected and tested prior to use in the work.
  - 5. Suitable excavated materials removed to accommodate new construction may be used as fill material subject to Geotechnical Engineer's inspection and approval.
- C. Granular base: AASHTO M43, #2 or #57 clean uniformly graded stone or gravel as noted on plans.
- D. Granular fill: AASHTO M43, #2, #57 or #9 clean uniformly graded stone or gravel as noted on plans.
- E. Topsoil: Natural, friable, fertile soil characteristic of productive soil in the vicinity, reasonably free of stones, clay lumps, roots, and other foreign matter.
  - 1. Import topsoil as required to complete the work.
  - 2. Proposed topsoil material shall contain a minimum of 3% organic matter.
    - a. Contactor shall provide testing of off-site topsoil prior to use on the project site.
- F. Rip rap: Round carbonate stones or fragmented carbonate rock, dense, sound, and free of cracks or seams, shale, clay, friable materials and debris, placed at thickness indicated on plans. Provide all rip rap materials as required to complete the work.
- G. Lime. Select from the KYTC's List of Approved of Materials for Lime (Hydrated and Quicklime).
- H. Water. Conform to KYTC Subsection 803.

- I. Silt fence: Amoco 2130 or equal.
- H. Other materials required for proper completion of work: As selected by Contractor and acceptable to Architect.

### PART 3 EXECUTION

#### 3.01 PREPARATION

- A. Establish extent of grading and excavation by area and elevation. Designate and identify datum elevation and project engineering reference points. Set required lines, levels, and elevations.
- B. Do not cover or enclose work of this Section before obtaining required inspections, tests, approvals, and location recording.

#### 3.02 EXISTING UTILITIES

- A. Before starting grading and excavation, establish the location and extent of underground utilities in the work area by contacting utility companies. Exercise care to protect existing utilities during earthwork operations. Perform excavation work near utilities by hand and provide necessary shoring, sheeting, and supports as the work progresses.
- B. Maintain, protect, relocate, or extend as required existing utility lines to remain which pass through the work area. Pay costs for this work, except as covered by the applicable utility companies.
- C. Protect active utility services uncovered by excavation.
- D. Remove abandoned utility service lines from areas of excavation. Cap, plug, or seal abandoned lines and identify termination points at grade level with markers.
- E. Accurately locate and record abandoned, and active utility lines rerouted or extended on project record documents.

#### 3.03 SITE GRADING

- A. Perform grading within contract limits, including adjacent transition areas, to new elevations, levels, profiles, and contours indicated. Provide subgrade surfaces parallel to finished surface grades. Provide uniform levels and slopes between new elevations and existing grades.
- B. Grade surfaces to assure areas drain away from structures and to prevent ponding and pockets of surface drainage. Provide subgrade surfaces free from irregular surface changes and as follows:
  - 1. Rough grading: Plus or minus 0.10 ft. subgrade tolerance. Finish required will be that ordinarily obtained from either blade-grader or scraper operations.
  - 2. Provide subgrade surface free of exposed gravel or stone exceeding 4" in greatest dimension in paved areas or 1" in lawn and planting areas. Areas with concentrated amounts of stone of any size including smaller than 1", such as

stockpile/staging areas, edges of pavement or utility trenches, shall be raked clean of stone prior to placement of topsoil.

3. Lawn and planting areas: Allow for minimum 4" average depth of topsoil at lawn areas, and 12" depth at planting areas, except as otherwise indicated on the drawings.
4. Paved areas: Shape surface of subgrade areas to line, grade, and cross-section indicated. Provide compacted subgrade suitable to receive paving base materials. Subgrade tolerance plus 0, minus 1/2".
5. Granular base: Grade subgrade surface smooth and even, free of voids to the required subgrade elevation. Provide compacted subgrade suitable to receive granular base materials. Tolerance 1/2" in 10'-0".

C. Grading at existing trees to remain:

1. Perform grading, within branch spread of existing trees to remain, by hand methods to elevations indicated.
2. Cut roots cleanly to depth 3" below proposed finish grade. Coat cut roots with tree paint.

### 3.04 EXCAVATING

- A. Refer to Detail 'J' Sheet S-301 for foundation bearing information.
- B. Coordinate inspection and testing of foundation excavation with testing agent before concrete is placed.
- D. Areas cut to grade ready to receive new fill should be proofrolled with a heavily loaded dump truck (GVW of 80,000 pounds) or similar equipment acceptable to the geotechnical engineer.
- E. Earth excavation shall include the satisfactory removal and disposal of all materials encountered, regardless of the nature of the materials, the condition of the materials at the time they are excavated, or the manner in which they were excavated. All excavation shall be unclassified.
- F. Unauthorized excavation: Backfill and fill all over excavation to proper grades. Fill over excavation at footings with 2,000 psi concrete. Additional labor and material for unauthorized excavation and remedial work at Contractor's expense.
- G. Shore, sheet, or brace excavations as required to maintain them as secure from caving. Remove shoring and bracing as backfilling progresses when banks are safe against caving.
- H. Do not excavate footings or slabs to the full depth when freezing temperature may be expected, unless footings or slabs are placed immediately after the excavation has been completed. Protect excavation bottoms from freezing when the placing of concrete is delayed.
- I. When necessary, cut away rock in bottom of excavations to form level beds that follow natural strata. Form with sharp steps when steps are indicated. In utility trenches,

excavate 6" below invert elevation of pipe and 24" wider than pipe diameter, minimum 36" trench width. Remove loose materials to sound base.

- J. Existing sewerage: Where existing sewers pass beneath new paving, remove existing earth fill to the top of the sewer pipe or to a depth as directed by the Geotechnical Engineer. Install an approved backfill material compacted in maximum 8" layers. Extend compacted fill from top of sewer pipe to proposed paving subgrade elevation.

### 3.05 BLASTING

- A. The following procedures are to be met/followed.
1. Obtain all necessary permits for blasting.
  2. Materials and methods of construction shall comply with the following standards:
    - i. Division of Explosives and Blasting, within the Kentucky OSHA Standards for the Construction Industry (29 CFR Part 1926 as adopted by 803 KAR 2:400 – 2:423 Subpart U).
  3. Submit qualifications of the Blaster in Charge 10 days prior to work.
  4. The Blaster-In-Charge (BIC) must have a minimum of ten (10) years' experience with blast design and vibration and air-blast monitoring, and significant involvement as the BIC in a minimum of ten (10) previous projects of similar nature. The BIC shall be a licensed blaster in the State of Kentucky and shall be subject to the approval of the Civil Engineer.
  5. All property owner and public utilities within ½ mile of the blast site must be notified of the intention to use explosives (blast), and to offer to conduct a preblasting survey. This notification must include the identification of the blast areas, name and on-site phone number of Contractor, and the warning and all-clear signals. Notification of intention to blast and the offer to conduct the survey will be accomplished in writing and may be distributed by mail or by personal hand delivery. Notification in the locally circulated newspaper shall also be the responsibility of the Contractor.
  6. Notification and attempts of notification will be documented as will any refusal to allow the survey to be conducted. During this notification, the Contractor, or his agent, will clearly explain the purpose of the survey and how it will be conducted. This notification must be done well in advance of the blasting to allow sufficient time to conduct, and complete, the preblast surveys.
  7. The surveys will be prepared in written form using still-color photographs (no video recordings). The completed preblasting survey will consist of the final paper work and processed photographs. Unless the survey has been requested after blasting has already started, all surveys must be completed prior to any blasting. Three (3) completed copies of the survey must be provided to the Civil Engineer. If requested, a completed copy of the survey must be provided to the Owner of the structure.

8. Contractor shall provide the Civil Engineer with a complete listing of name of owner whose structures were surveyed, refused the survey, or who did not respond to the personal or written notice.
9. The Contractor shall be responsible for any damage resulting from blasting.
10. All explosives shall be of such character and in such amount as permitted by the state and local laws and ordinances and all respective agencies having jurisdiction over them. Explosives, including blasting caps, shall be transported and stored in a safe, secure manner in accordance with the requirements of the appropriate public body having jurisdiction in such matters. Only persons experienced in the handling of explosives are to be allowed to use them on the project. Where state or local laws require, explosives are to be handled only by licensed personnel.
11. The Contractor shall provide all necessary approved types of tools and devices required for handling and using explosives, blasting caps, and accessories. The Contractor shall conform to and obey all federal, state and local laws that may be imposed by any public authority having legal jurisdiction.
12. Perform blasting, when permitted, in strict accordance with applicable governing regulations and NFPA 495 "Code for the Manufacture, Transportation, Storage and Use of Explosive Materials." Contractor shall assume total responsibility for all injury to person or damage to property due to blasting operations. Obtain necessary permits before explosives are brought to the site. Handling, storage, and use of explosive material is solely the Contractor's responsibility. All blasting shall be conducted by experienced, trained, qualified and licensed blasters. If more than one employee is licensed to blast, the Contractor shall name one individual as the blaster-in-charge (BIC). The BIC shall be responsible for the overall conduct of the blasting operation and be familiar with the results of the preblasting surveys, daily blast design, daily seismic readings and the seismic monitoring program, and ensure that the proper explosives and blasting records and inventories are kept. The BIC shall insure that the blasting is conducted within good blasting practices, within industry and regulatory standards, and in a manner so as to prevent injury and property damage. Omission to code references regulating any and all blasting shall not relieve the Contractor from compliance. The most current date of referenced codes and regulations shall prevail over outdated references.

### 3.05 DRAINAGE

- A. Provide necessary pumps and drainage lines and maintain excavations, including footings and pits, free from water, ice and snow during excavating and subsequent work operations.
- B. Provide drainage of the working area at all times.

### 3.06 AGGREGATE BASE COURSES

- A. Place base course on subgrades free of mud, frost, snow, or ice.



- B. On prepared subgrade, place base course under pavements and walks as follows:
1. Shape base course to required crown elevations and cross-slope grades.
  2. Place base course 6 inches or less in compacted thickness in a single layer.
  3. Place base course that exceeds 6 inches in compacted thickness in layers of equal thickness, with no compacted layer more than 6 inches thick or less than 3 inches thick.
  4. Compact base course at optimum moisture content to required grades, lines, cross sections, and thickness to not less than 98 percent of maximum dry unit weight according to ASTM D 698.

### 3.07 FILLING, BACKFILLING, AND COMPACTING

- A. Obtain inspection and approval of subgrade surfaces by Geotechnical Engineer prior to filling operations. Scarify, dry, and compact soft and wet areas; remove and replace unsuitable subgrade materials with an approved compacted fill material. Take corrective measures before placing fill materials.
1. Topsoil not permitted as fill or backfill material within structure limits or under paved areas.
- B. Areas ready to receive new fill shall be proofrolled with a heavily loaded dump truck (GVW of 80,000 pounds) or similar equipment acceptable to the geotechnical engineer.
- C. Spread approved fill material uniformly in layers not greater than 8" of loose thickness over entire fill area.
1. Lift thickness requirements may be modified by Geotechnical Engineer to suit equipment and materials or other conditions when required to assure satisfactory compaction.
  2. Moisture-condition fill material by aerating or watering and thoroughly mix material to obtain moisture content permitting proper compaction.
  3. Place and compact each layer of fill to indicated density before placing additional fill material. Repeat filling until proposed grade, profile, or contour is attained.
  4. Suspend fill operations when satisfactory results cannot be obtained because of environmental or other unsatisfactory site conditions. Do not use muddy or frozen subgrade surface. Do not place fill material on muddy or frozen subgrade surface.
  5. Maintain surface conditions, which permit adequate drainage of rainwater and prevent ponding of surface water in pockets. When fill placement is interrupted by rain, remove wet surface materials or permit to dry before placing additional fill material.

- D. Filling at existing trees to remain:
1. Minor fills or 6" or less: Fill with topsoil; hand grade to required finish grade elevation.
  2. Moderate fills of 12" or less: Place layer of 3/4" to 1-1/2" stone or gravel on grade. Provide aggregate depth 1/2 of fill height, minimum of 3". Cover drainage fill with polypropylene filter fabric or 1" thickness straw choke. Fill remaining depth with loose topsoil; hand grade to required finish grade elevations.
- E. Place backfill materials in uniform layers not greater than 8" loose thickness over entire backfill area.
1. Use hand tampers or vibrating compactors at foundation walls, retaining walls, and similar locations. Do not use large rolling equipment adjacent to foundation walls and retaining walls.
  2. Do not backfill against foundation walls or retaining walls until walls for bearing surfaces have reached design strength or are properly braced, and backfilling operations approved. Provide clean backfill materials, except where granular materials are indicated. Compact in maximum 8" layers.
- F. Fill all areas of settlement to proper grade before subsequent construction operations are performed.
- G. Backfill building structural slabs with crushed stone per structural drawings.
- H. Compaction:
1. Provide compaction control for all fill and backfill.
  2. Compact top 12" of subgrade and each layer of fill or backfill material at foundations and floor slabs to 98% of maximum dry density at optimum moisture content in accordance with ASTM D698 Standard Proctor Method. Extend compaction at least 5'-0" at both sides of foundations.
  4. Compact top 12" of subgrade and each layer of fill or backfill material at paved areas to 95% of maximum dry density at optimum moisture content in accordance with ASTM D698 Standard Proctor Method.
  5. Compact top 12" of subgrade and each layer of fill material at lawns and unpaved areas to 85% of maximum dry density at optimum moisture content in accordance with ASTM D698 Standard Proctor Method.
  6. Water settling, puddling, and jetting of fill and backfill materials as a compaction method are not acceptable.
  7. Maintain moisture content of materials, during compaction operations within required moisture range to obtain indicated compaction density.
  8. Provide adequate equipment to achieve consistent and backfill materials.
- I. Lime Modification:

1. In lieu of the 24" undercut of the building slab, the Contractor may modify the existing clay soil through lime modification.
2. The clay material beneath the slab and other concrete paving areas should be lime modified a minimum of 12" below the crushed aggregate base.
3. For bidding purposes, Contractor is to assume 3% lime by weight (as recommended by the geotechnical engineer). Lime modified proctors are to be completed to determine the final percentage of lime necessary. Reductions and/or additions of lime percentages will be adjusted based on contract unit prices.
4. Liming procedures shall follow KYTC's Standard Specification for Road and Bridge Construction – Section 208.

### 3.08 EROSION CONTROL

- A. Provide erosion control measures as indicated on plans including installation of silt fencing, installation of silt check inlet controls and sod lined channels and basins with specified materials.
  1. Install silt fence in areas indicated on plans to conform with specified details. Silt fencing shall be installed prior to all grading activity.
- B. Contractor shall provide continual maintenance of erosion control structures, including but not limited to:
  1. Removal of silt, trash, mud, debris from ditches, channel and from silt fences and check dams.
  2. Replacement of silt fence that has been damaged or destroyed.
  3. Removal of erosion control structures at the end of construction or as specified.
- C. Contractor shall provide sodding as required in Section 329200 as soon as disturbed area has been graded to final elevations specified.
- D. Contractor shall keep all public roads free of silt, dirt, mud and debris throughout the entire project. Contractor shall remove and clean any silt, dirt, mud and debris from roadways at their expense.
- E. The Storm Water Pollution Prevention Plan is found in Section 312001. Contractor shall thoroughly read and comply with all aspects of this plan. The plan includes certifications that must be signed and submitted by the contractor and appropriate sub-contractors prior to approval of the first application of payment.
- F. The Contractor shall be responsible for preparing and submitting the Notice of Intent to governing agency.

### 3.09 FINISH GRADING

- A. Prior to finish grading, make certain that areas with concentrated amounts of stone of any size including smaller than 1", such as stockpile/staging areas, edges of pavement or utility trenches, have been raked clean of stone prior to placement of topsoil. Uniformly distribute and spread stockpiled topsoil. Provide minimum 6" average depth at lawn areas, 12" at planting areas. If necessary, provide additional imported topsoil as required to complete the work. Use loose, dry topsoil. Do not use frozen or muddy topsoil. Place during dry weather. Do not grade topsoil with equipment that will over compact topsoil preventing the adequate root growth of proposed turf. Bulldozers and backhoes are not suitable for finish grading. Tractors with box graders shall be used.
- B. Fine grade topsoil eliminating rough and low areas to ensure positive drainage. Maintain levels, profiles, and contours of subgrades.
- C. Remove stones, roots, weeds, and debris while spreading topsoil materials. Rake surface clean of stones 1" or larger in any dimension and all debris. Provide surfaces suitable for soil preparation provided under lawn and planting work.
- D. Landscape Architect shall be notified a minimum of 2 days prior to placement of topsoil so the subgrade may be inspected and the placement of topsoil by the Contractor may be observed.
- E. Maintenance:
  - 1. Protect finish graded areas from traffic and erosion. Keep free of trash and debris. Repair and re-establish grades in settled, eroded, and damaged areas.
  - 2. Where completed areas are disturbed by construction operations or adverse weather, scarify, re-shape, and compact to required density.

### 3.10 FIELD QUALITY CONTROL

- A. Provide field quality control soils testing and inspection during earthwork operations.
- B. Contractor shall provide adequate notice, cooperate with, provide access to the work, obtain samples, and assist testing agency and their representatives in execution of their function.
- C. Fill materials: Test proposed materials to verify suitability for use, gradation of material, moisture-density relation by ASTM D698 Standard Proctor Method, design bearing value, and percent of organic materials.
- D. Subgrade surfaces: Based on visual examination at the site, provide bearing tests as required to verify questionable subgrade surfaces are adequate and meet or exceed design bearing values.
  - 1. Structure slabs and paved areas: Make at least 1 test for each 2,000 sq. ft. of questionable surface.
- E. Compaction operations: Owner to provide full-time inspection and testing during structure slabs and paved areas filling and compaction operations. Test each lift to fill to verify compaction meets specified requirements. Provide periodic inspection and testing during site area filling and compaction operations.

1. Structure slabs and paved areas: Make at least 1 test for each 5,000 sq. ft. of each 8" thick fill lift. A minimum of two tests per each lift are required.
  2. Foundation wall and retaining wall backfill: Make at least 2 tests at locations and elevations directed by the Geotechnical Engineer.
- F. Foundation excavations: Based on visual examination at the site, provide bearing tests as required to verify bearing surfaces are adequate and meet or exceed design bearing values.
1. Make at least 2 tests at locations directed by the Geotechnical Engineer.
- G. When, during progress of work, field tests or observations indicate that installed compacted materials do not meet specified requirements, provide additional compaction until specified density is achieved, or remove and replace defective materials with new materials as directed by the Landscape Architect. Cost of additional labor, materials, and testing to attain specified density at Contractor's expense.

### 3.11 DISPOSAL OF WASTE MATERIALS

- A. Stockpile, haul from site, and legally dispose of waste materials, including excess excavated materials, rock, trash, and debris.
- B. Maintain disposal route clear, clean, and free of debris. Disposal in any floodplain is not allowed.

### 3.12 CLEANING

- A. Upon completion of earthwork operations, clean areas within contract limits, remove tools, and equipment. Provide site clear, clean, free of debris, and suitable for site work operation.

END OF SECTION 312000

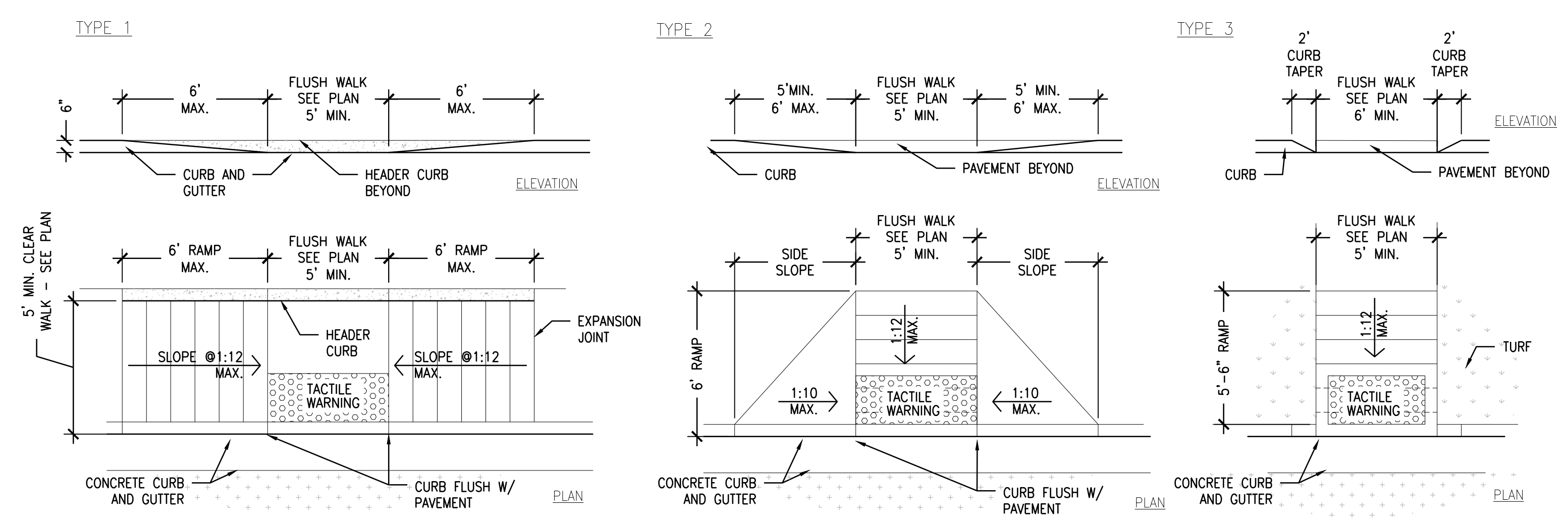
**SITE PLAN**

PROJECT	202078	
DATE	09-27-21	
<b>REVISIONS</b>		
No.	Description	Date
1	ADDENDUM #2	10/8/21

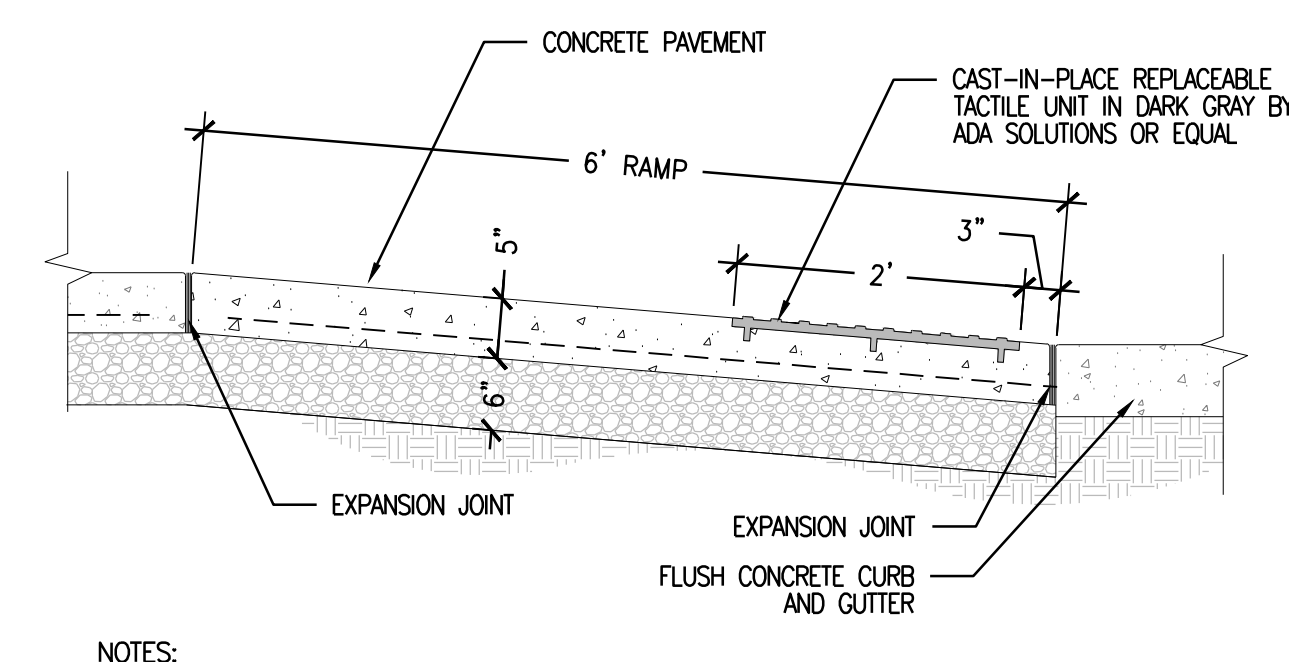
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**SITE DETAILS**

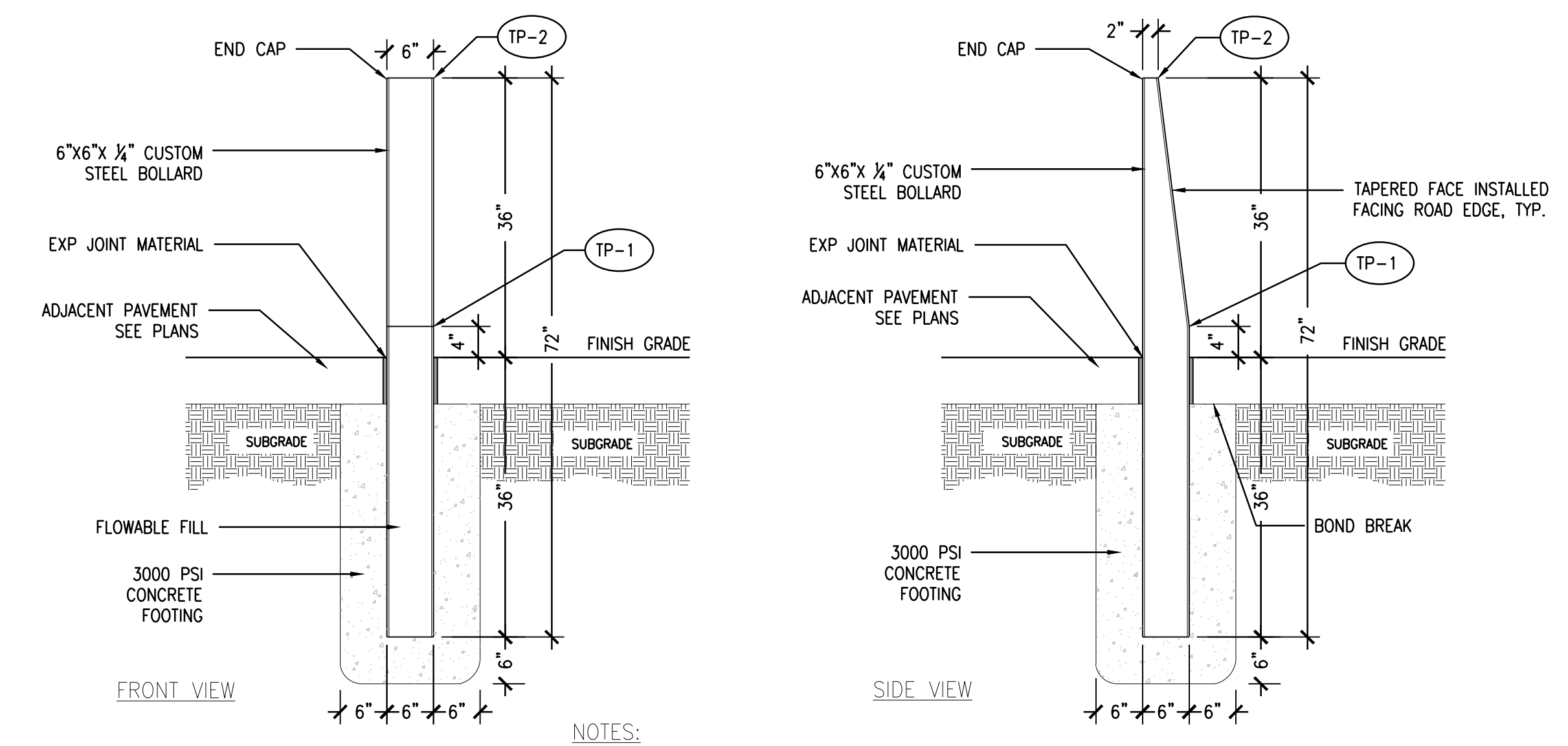
**C-601.1**



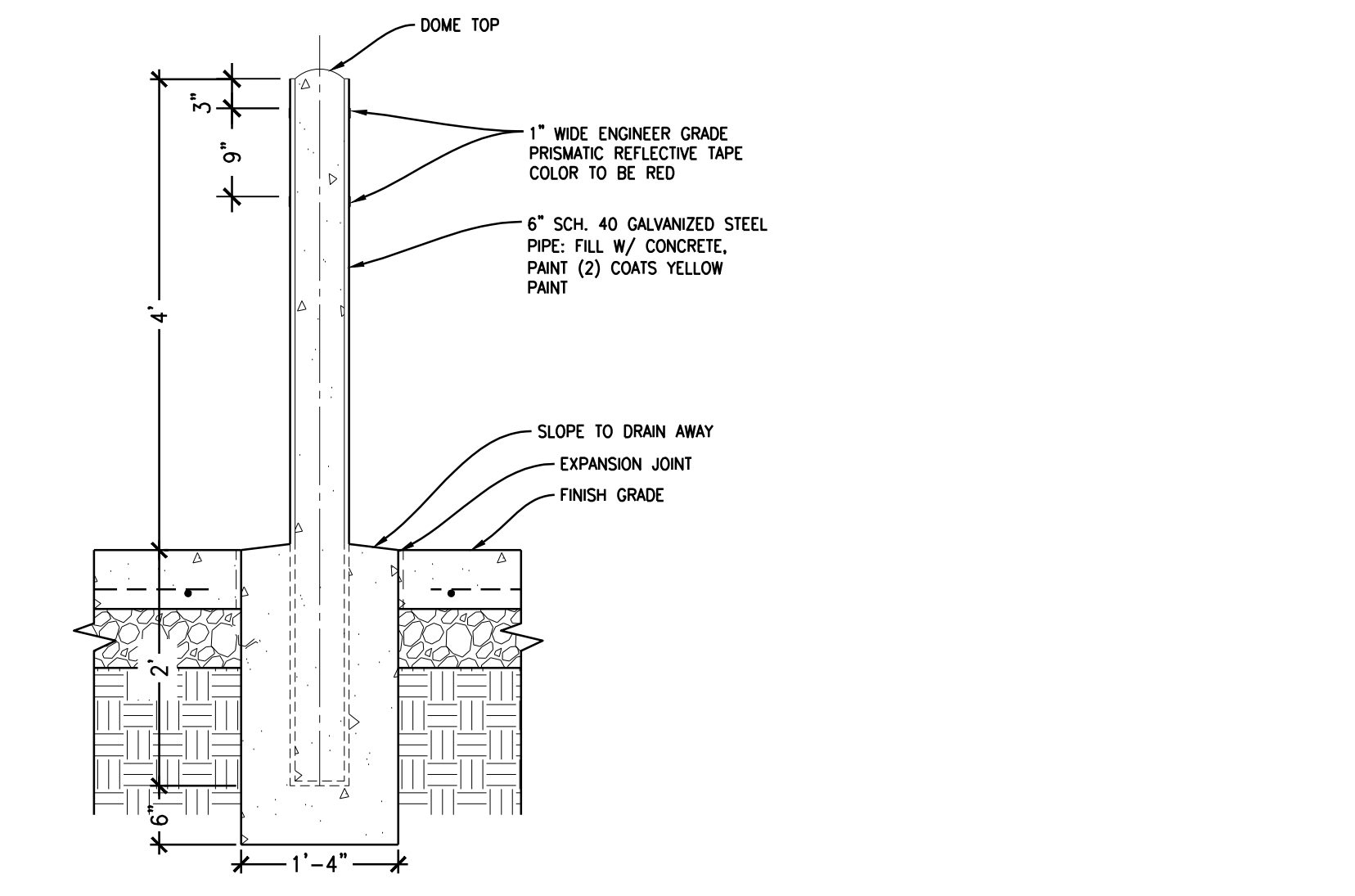
**A HANDICAP RAMPS**  
SCALE: 3/8" = 1'-0"



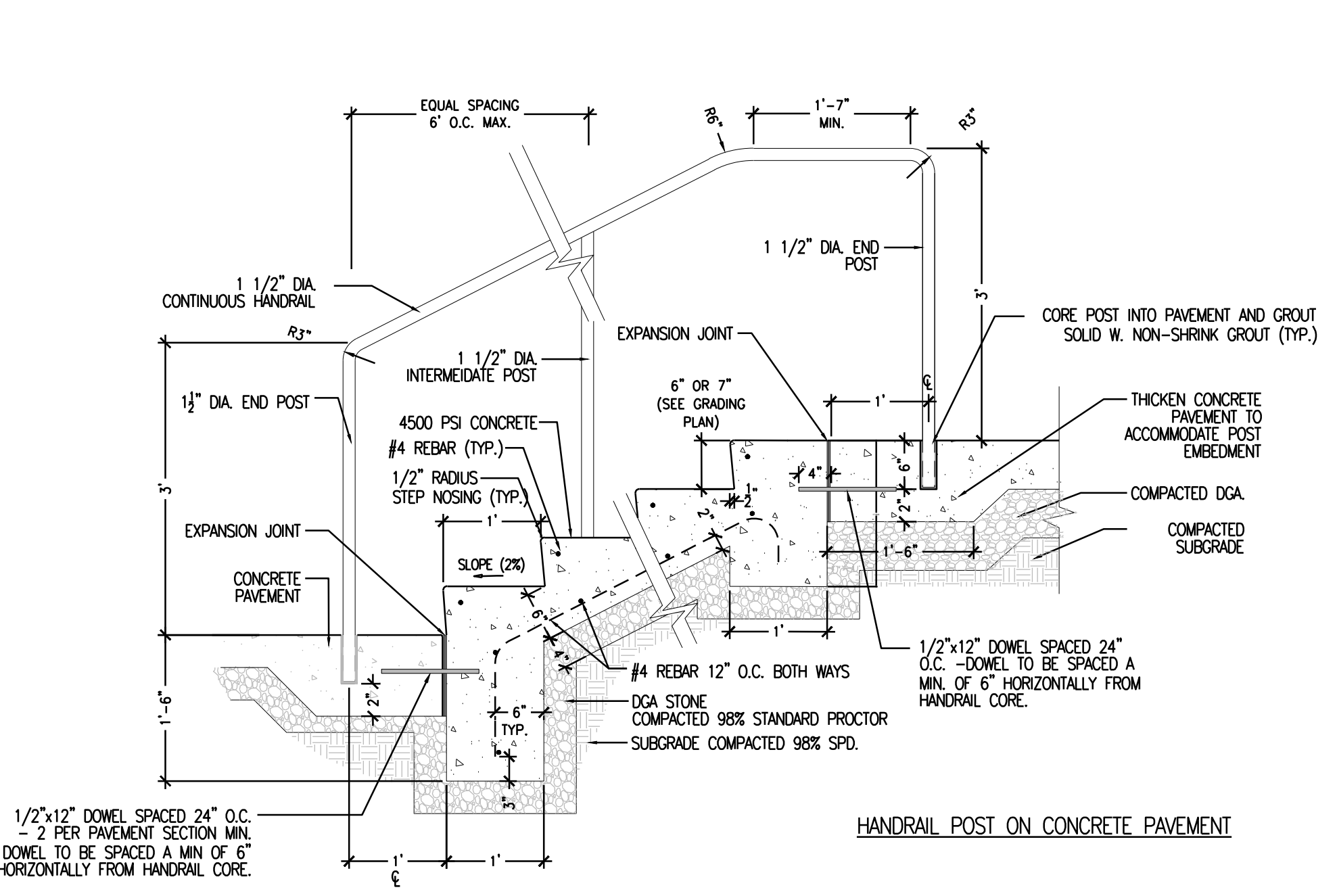
**B TACTILE WARNING UNITS WITH CONCRETE BASE**  
SCALE: 3/4" = 1'-0"



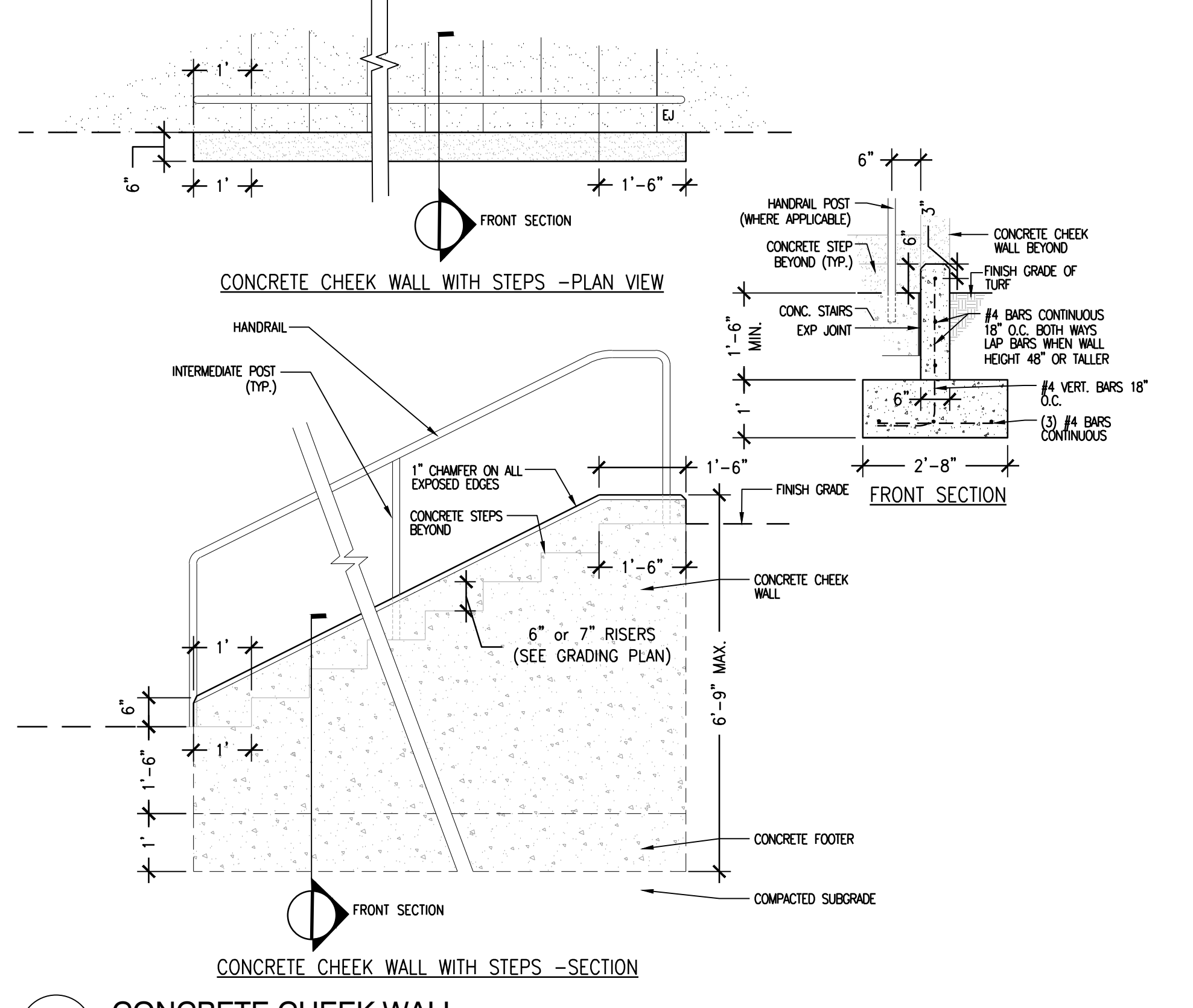
**C BOLLARD**  
SCALE: 3/4" = 1'-0"



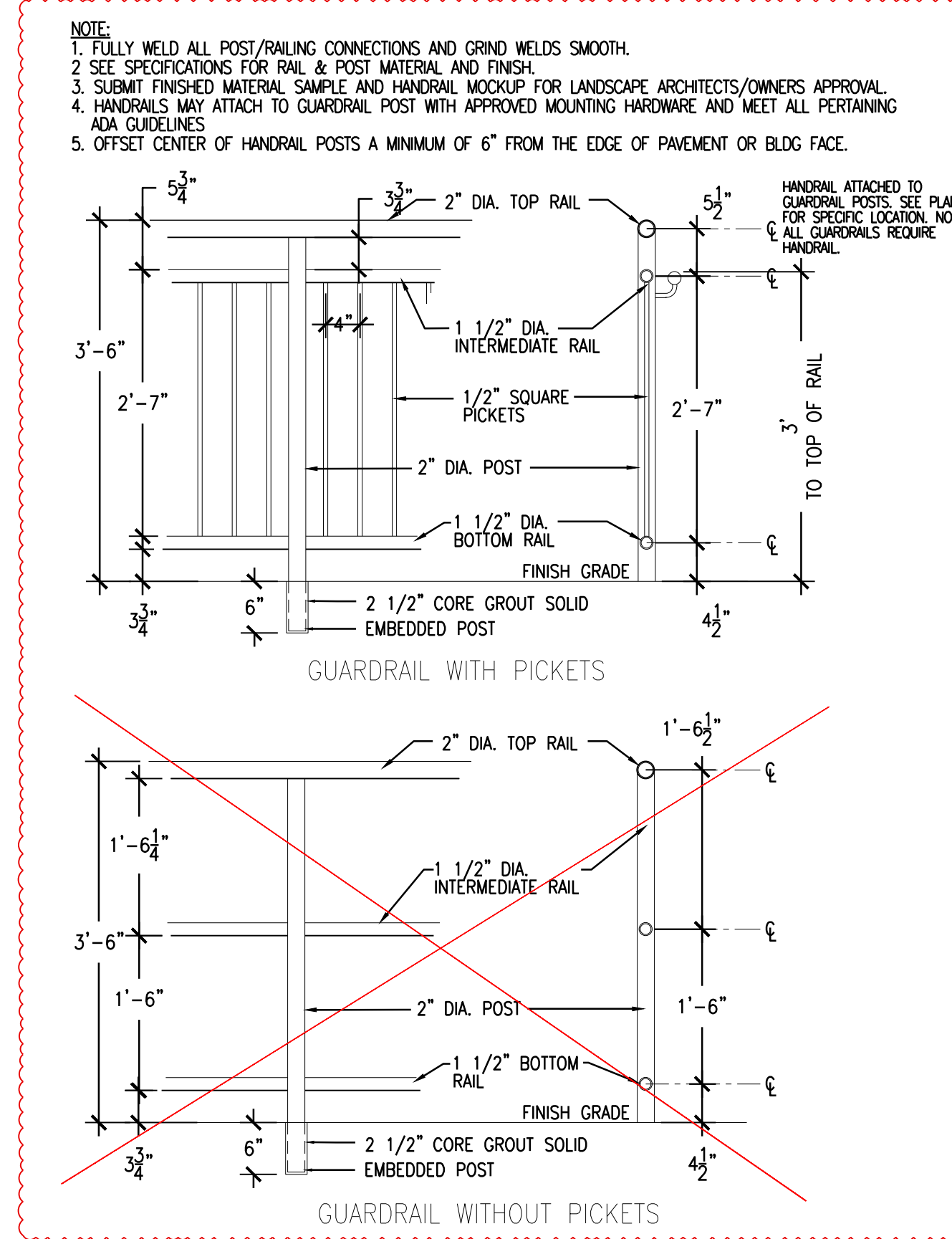
**D SERVICE BOLLARD**  
SCALE: 3/4" = 1'-0"



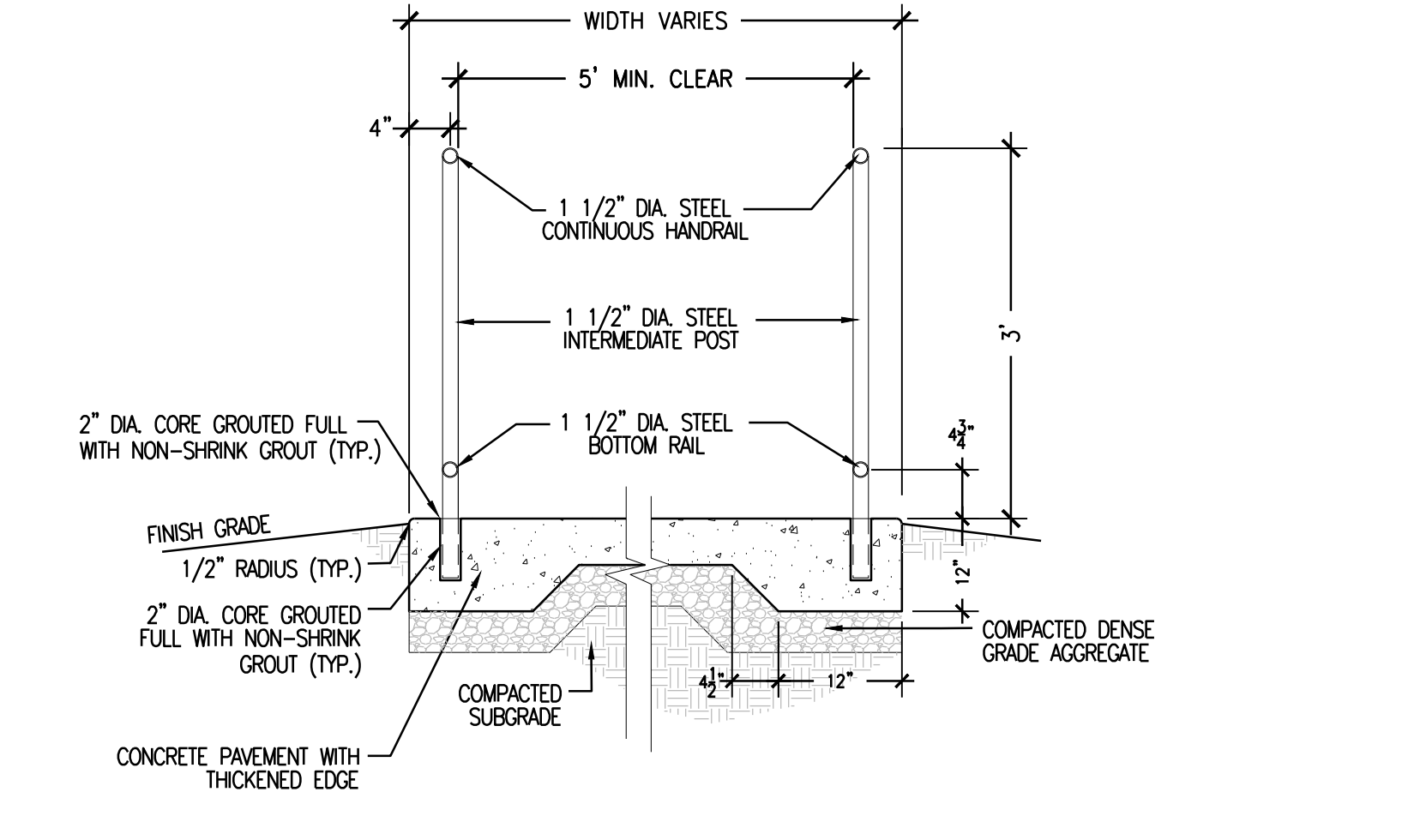
**E CONCRETE STEPS WITH RAILING (BOTH SIDES)**  
SCALE: 3/4" = 1'-0"



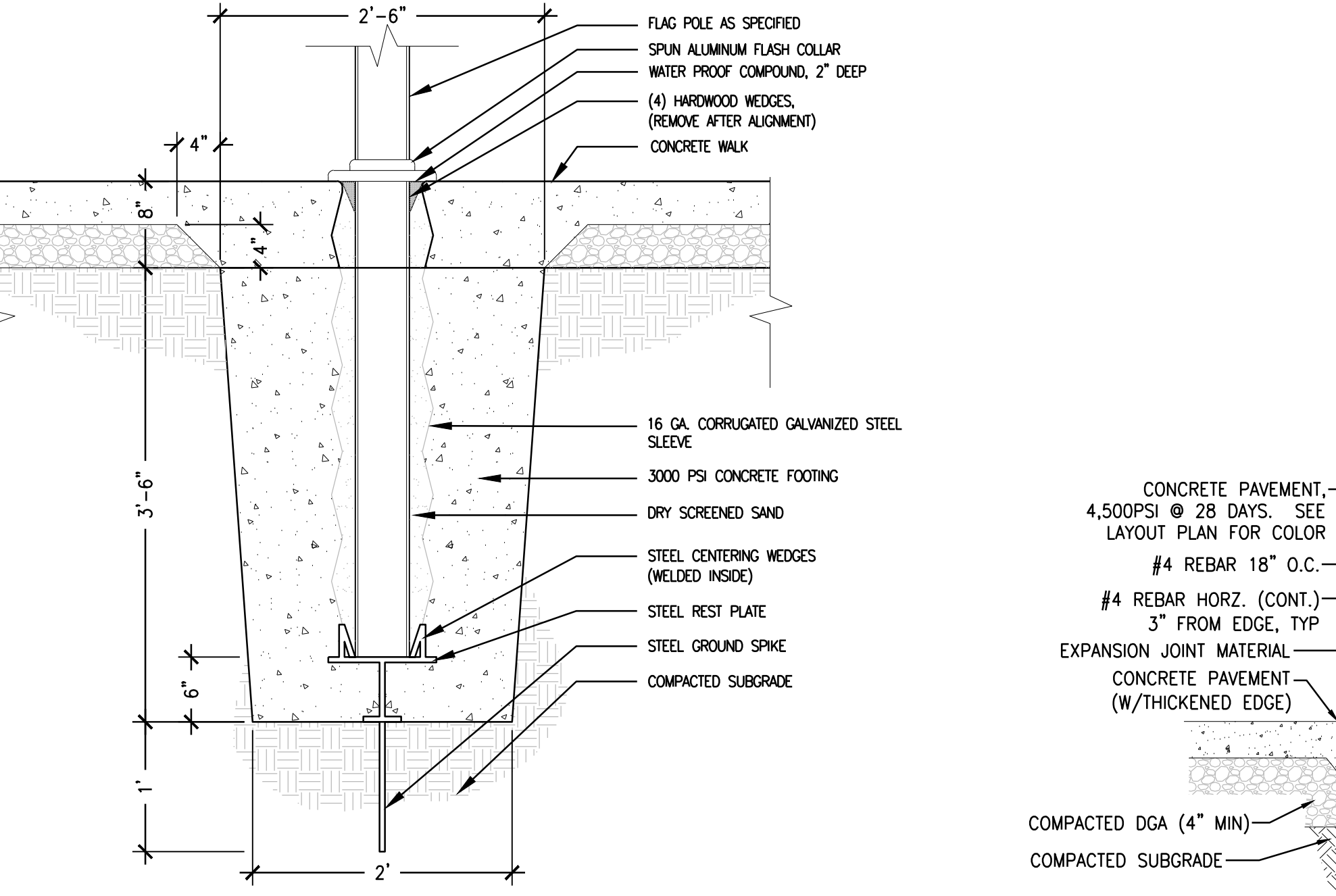
**F CONCRETE CHEEK WALL**  
SCALE: 1/2" = 1'-0"



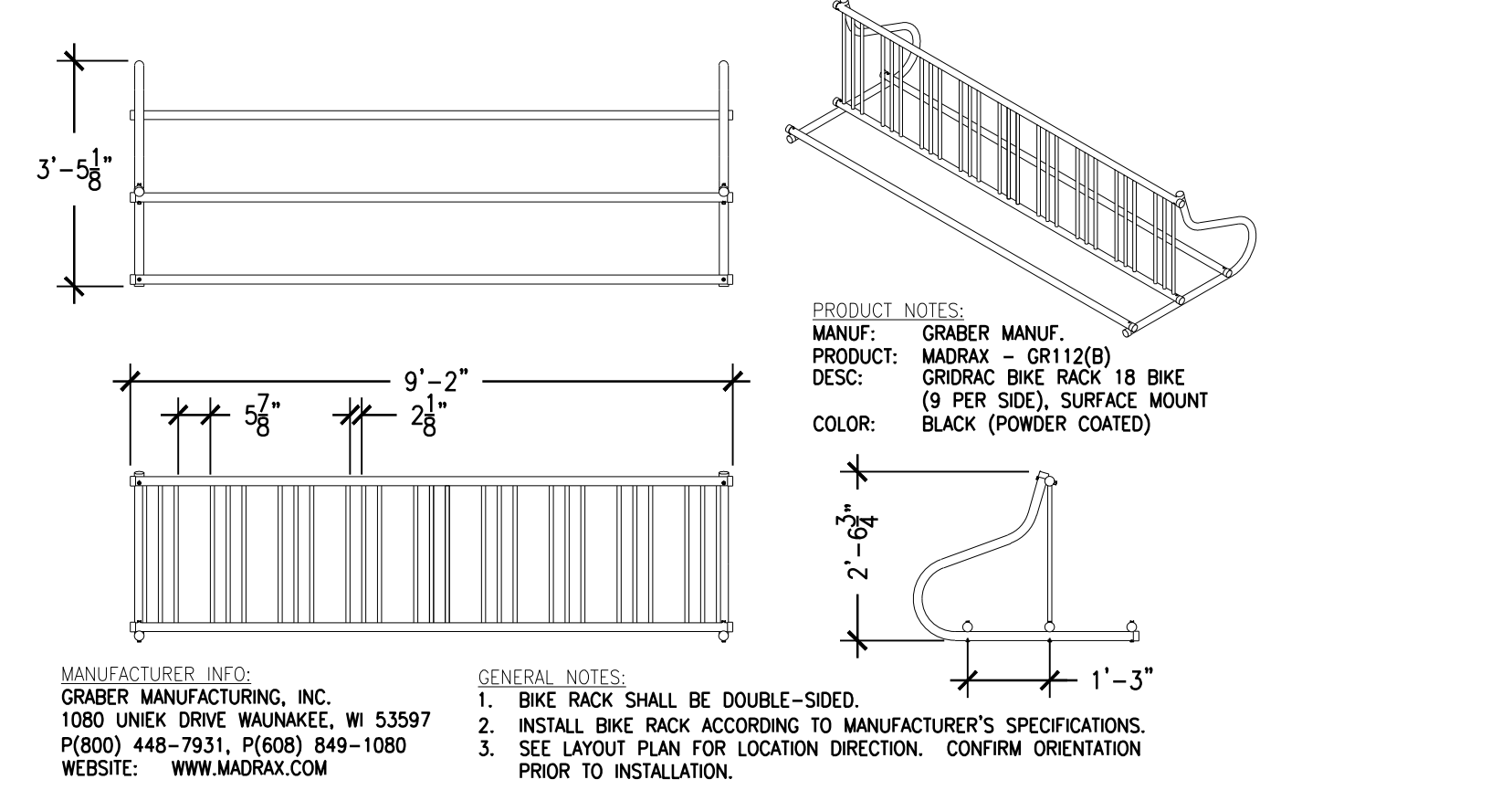
**G GUARDRAIL-HANDRAIL**  
SCALE: 3/4" = 1'-0"



**H CONCRETE RAMP WITH HANDRAIL**  
SCALE: 3/4" = 1'-0"



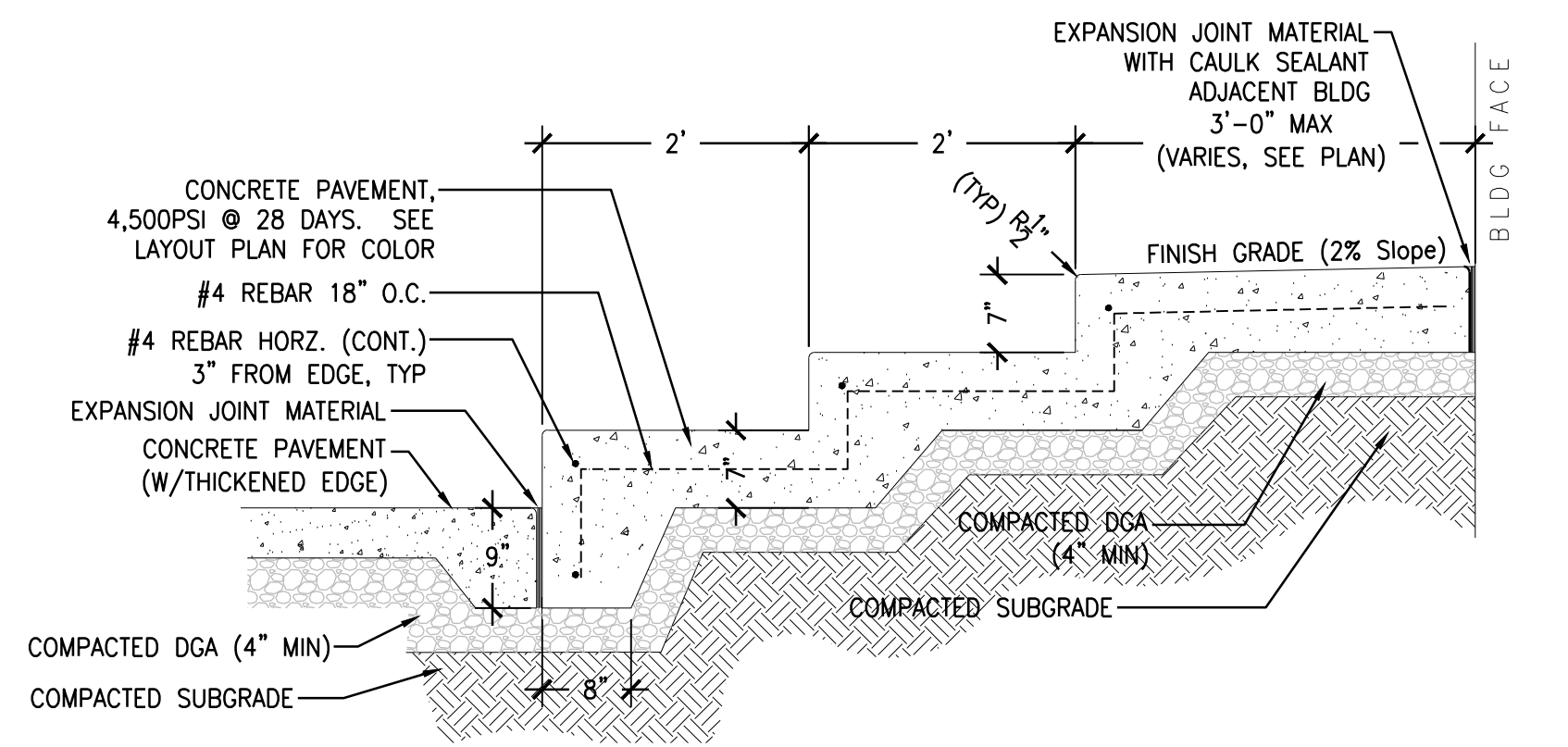
**J FLAGPOLE**  
SCALE: 1" = 1'-0"



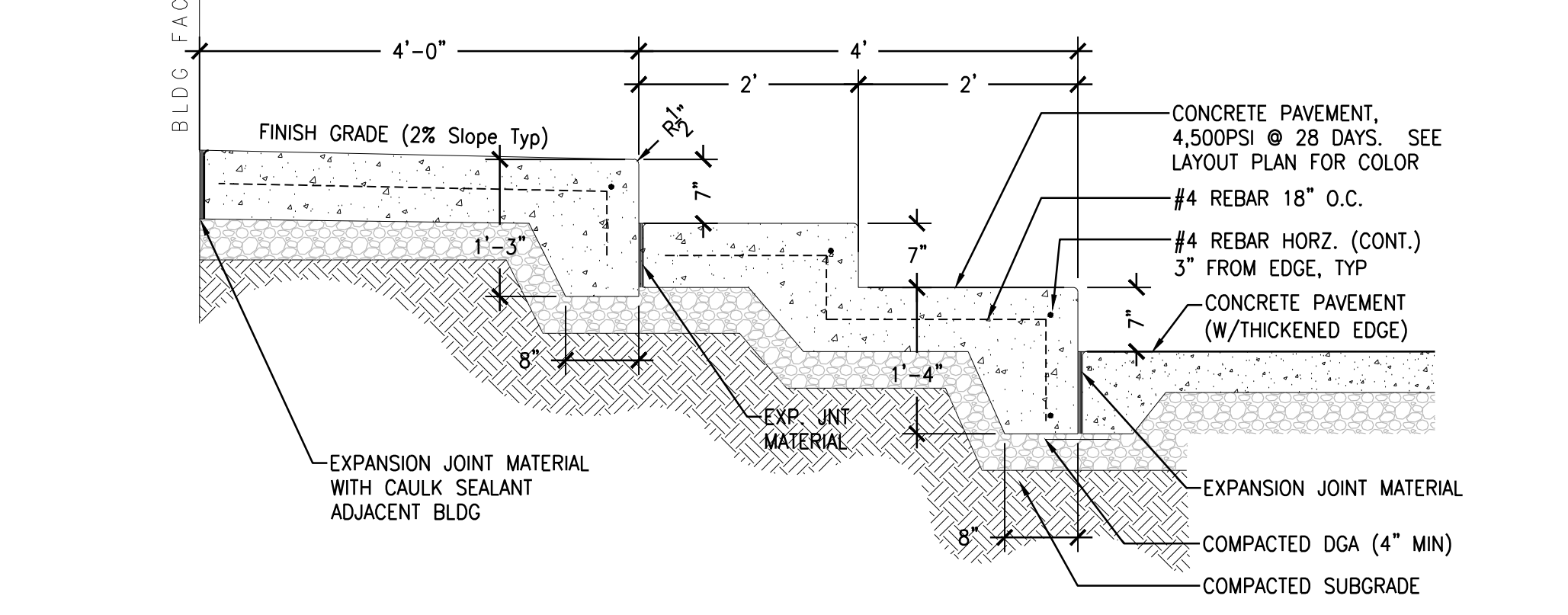
**I BIKE RACK (OR APPROVED EQUAL)**  
SCALE: N.T.S.



**L CAST-IN-PLACE CONCRETE SEATING (FREE-STANDING CONDITION)**  
SCALE: 3/4" = 1'-0"



**K CAST-IN-PLACE CONCRETE SEATING (TOP STEP 3'-0" OR LESS)**  
SCALE: 3/4" = 1'-0"

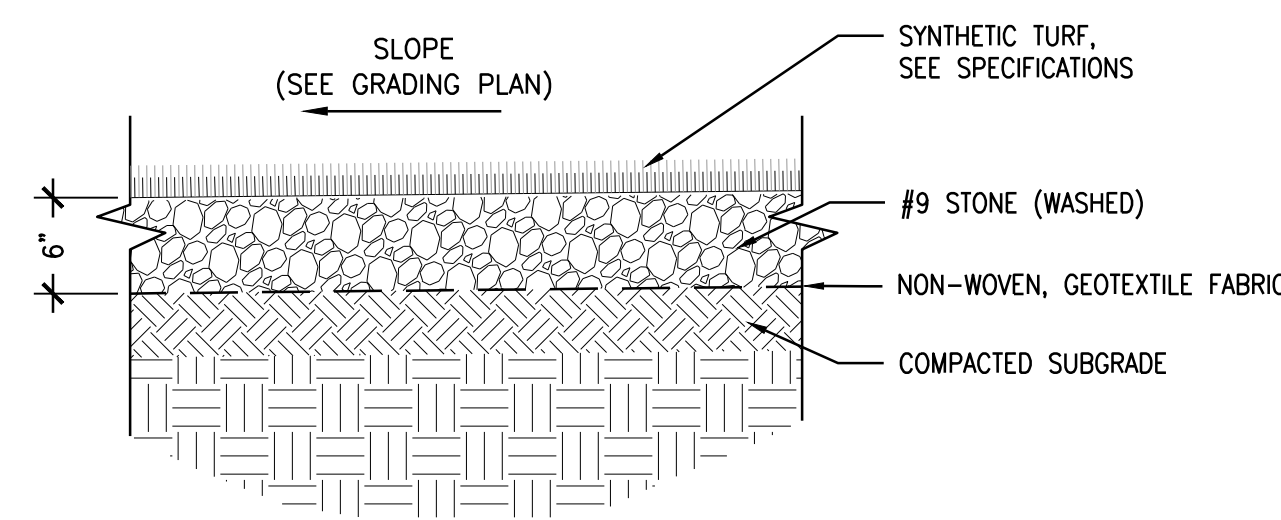


**M CAST-IN-PLACE CONCRETE SEATING (TOP STEP GREATER THAN 3'-0")**  
SCALE: 3/4" = 1'-0"

**BASIS OF DESIGN FOR SYNTHETIC TURF:**

- MANUFACTURER: TURFSCAPE
- PRODUCT: MULTILAY
- REPRESENTATIVE: VESCIO SPORTSFIELDS
- CONTACT: TODD SHADOWNEN (859) 447-0808

REFER TO SPECIFICATIONS FOR ADDITIONAL PRODUCT INFORMATION



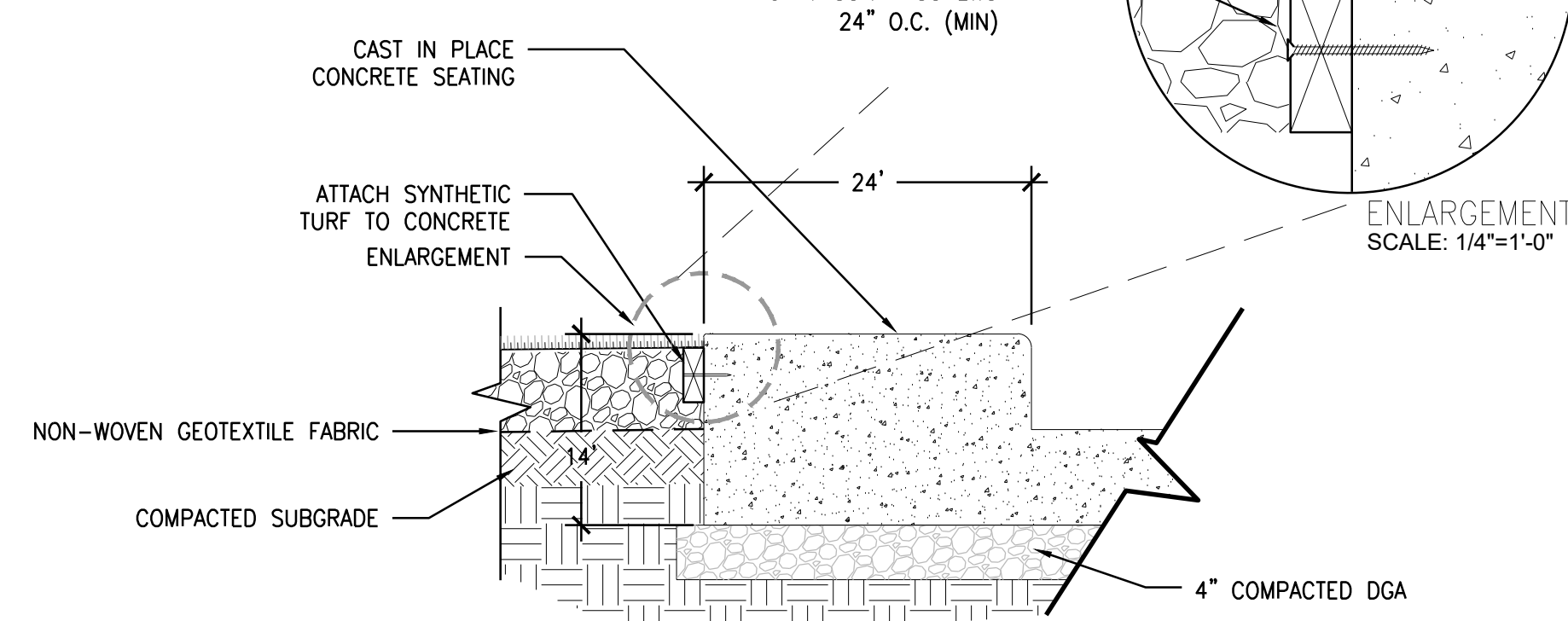
**NOTE:**

- ALL TURF JOINTS TO BE SEALED PER MANUFACTURER'S RECOMMENDATIONS
- ANCHOR SYNTHETIC FIELD TURF TO PERIMETER CONCRETE CURB AS SHOWN IN APPLICABLE DETAILS.

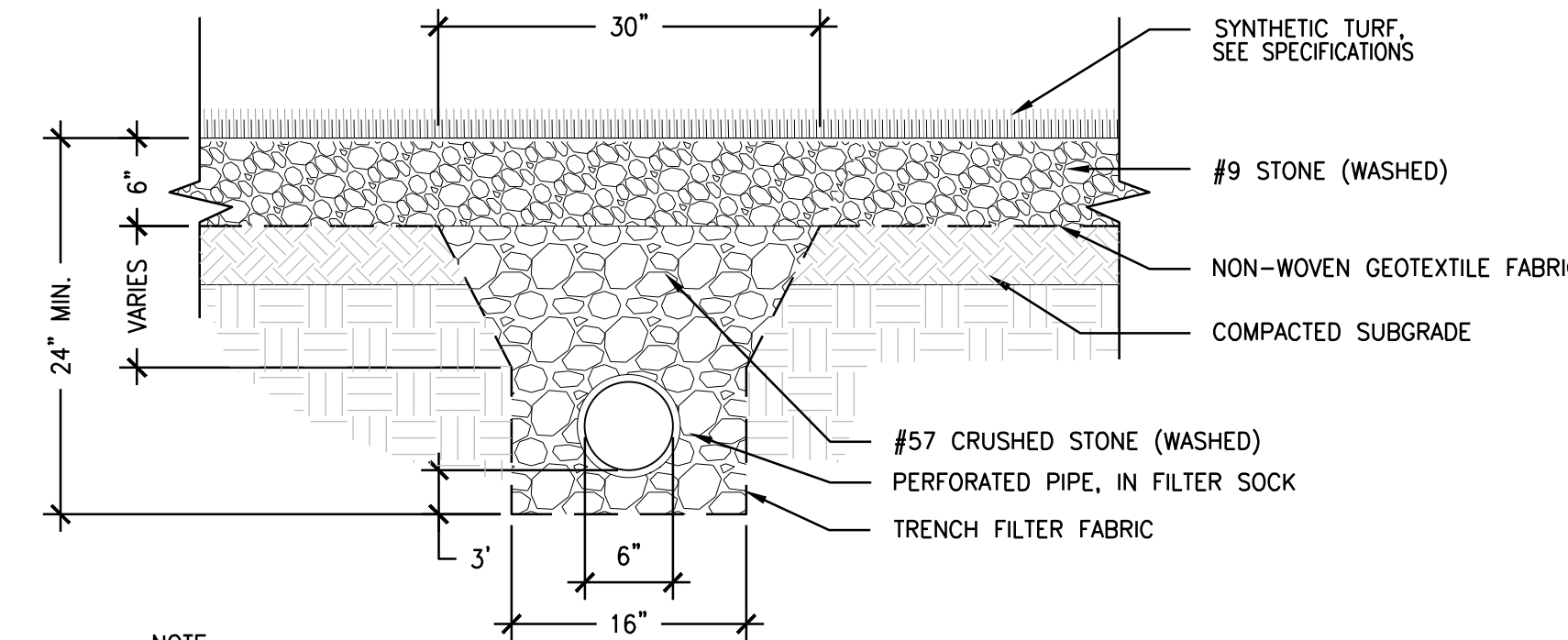
**A SYNTHETIC TURF**  
SCALE: 1" = 1'-0"

**GENERAL NOTE:**

- FINAL DIMENSION BETWEEN THE TOP OF CONCRETE AND TOP OF NAILER BOARD SHALL BE DETERMINED BY THE SELECTED TURF AND MANUFACTURER.



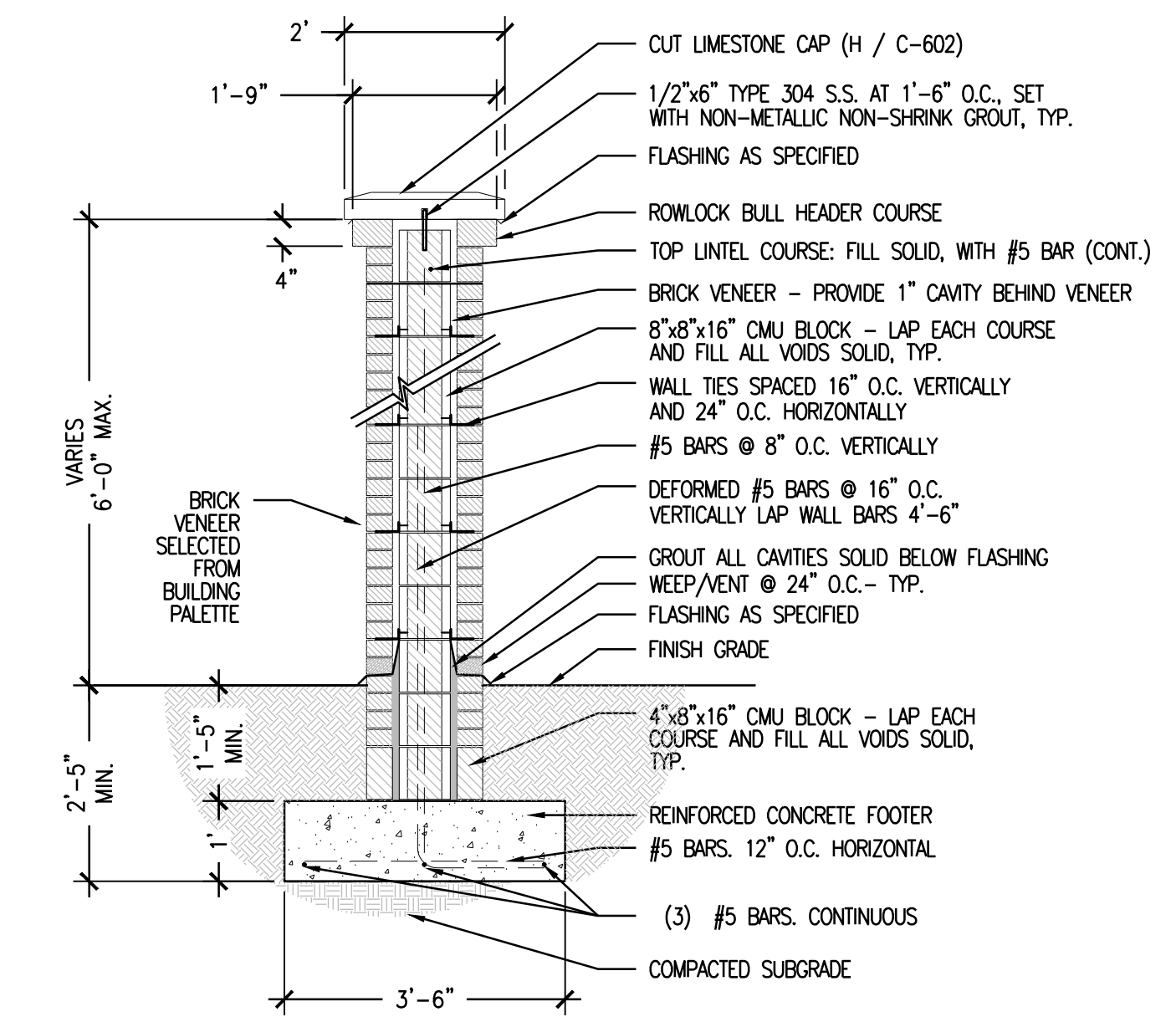
**B SYNTHETIC TURF - INTERIOR FASTENING**  
SCALE: 1" = 1'-0"



**NOTE:**

- REFER TO DRAINAGE PLAN FOR PIPE SLOPE
- REFER TO SYNTHETIC TURF DETAIL FOR TURF INFORMATION

**C SYNTHETIC TURF - DRAINAGE PIPE**  
SCALE: 1" = 1'-0"



**D BRICK COLUMN**  
SCALE: 1/4" = 1'-0"

**GENERAL NOTES:**

- COLOR FOR CONCRETE ADMIXTURE SHALL BE DETERMINED BY LANDSCAPE ARCHITECT / OWNER PRIOR TO CONSTRUCTION. CONTRACTOR TO PROVIDE CATALOG AND /OR SAMPLES FROM MANUFACTURER'S FULL RANGE OF COLORS FOR REVIEW PRIOR TO SELECTION.
- CONTRACTOR TO CONSTRUCT MOCK-UP FOR REVIEW AND APPROVAL FOR USE AS BASIS FOR QUALITY COMPARISON.

**BASIS OF DESIGN FOR COLORED CONCRETE:**

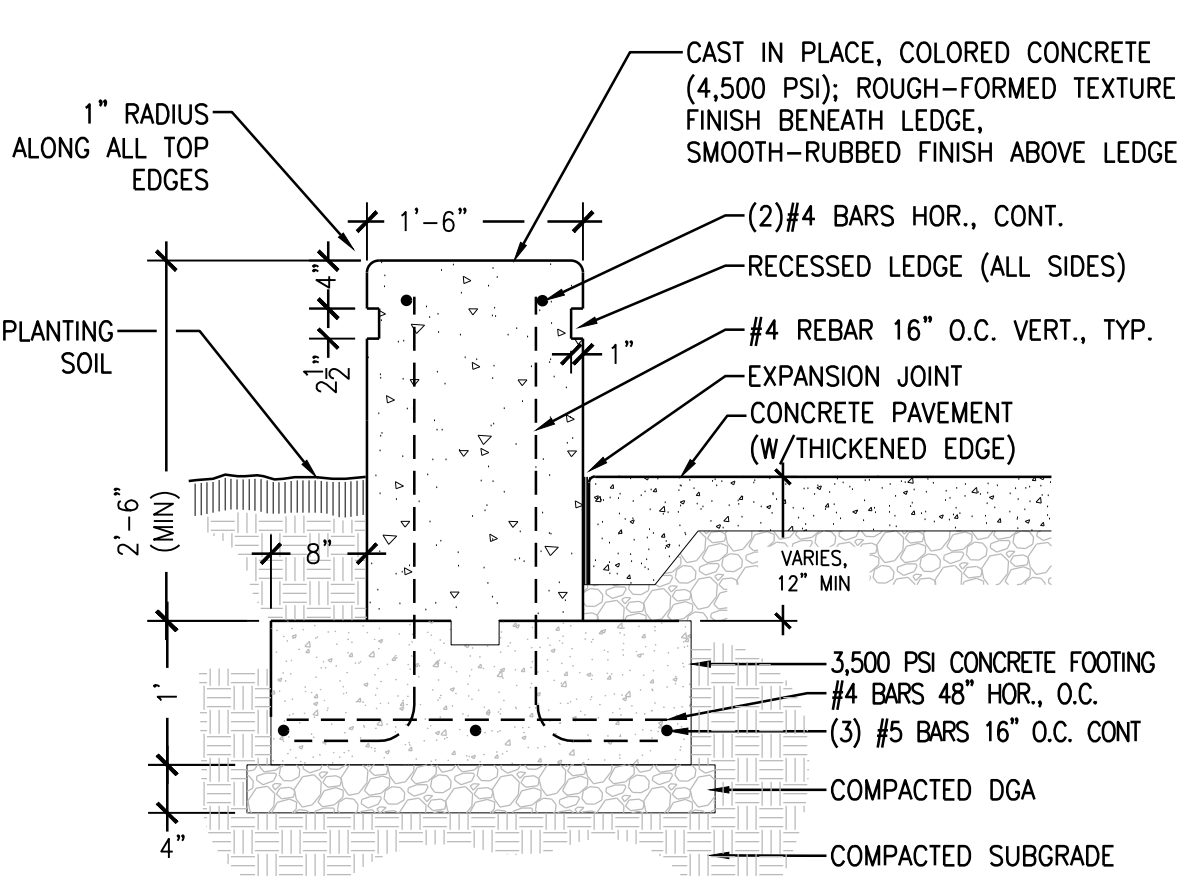
- MANUFACTURER: SOLOMON COLORS
- PRODUCT: DRY INTEGRAL COLOR LUNAR ECLIPSE
- COLOR: (TO BE SELECTED FROM MANUFACTURER'S FULL CATALOG)

**GENERAL NOTES:**

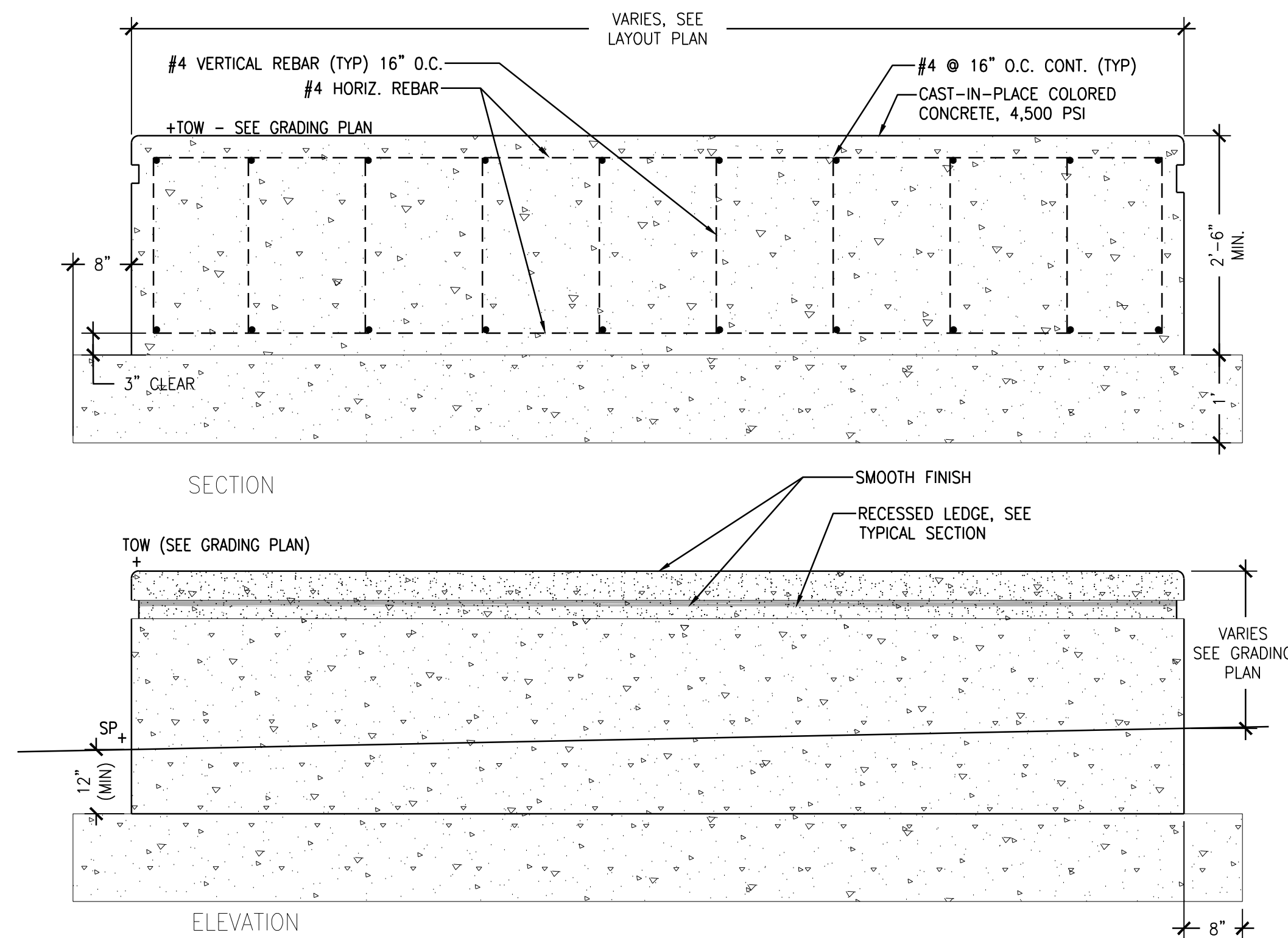
- COLOR FOR CONCRETE ADMIXTURE SHALL BE DETERMINED BY LANDSCAPE ARCHITECT / OWNER PRIOR TO CONSTRUCTION. CONTRACTOR TO PROVIDE CATALOG AND /OR SAMPLES FROM MANUFACTURER'S FULL RANGE OF COLORS FOR REVIEW PRIOR TO SELECTION.
- CONTRACTOR TO CONSTRUCT MOCK-UP FOR REVIEW AND APPROVAL FOR USE AS BASIS FOR QUALITY COMPARISON.

**BASIS OF DESIGN FOR COLORED CONCRETE:**

- MANUFACTURER: SOLOMON COLORS
- PRODUCT: DRY INTEGRAL COLOR LUNAR ECLIPSE
- COLOR: (TO BE SELECTED FROM MANUFACTURER'S FULL CATALOG)



**E CONCRETE SEAT WALL - FREESTANDING CONDITION**  
SCALE: 3/4" = 1'-0"



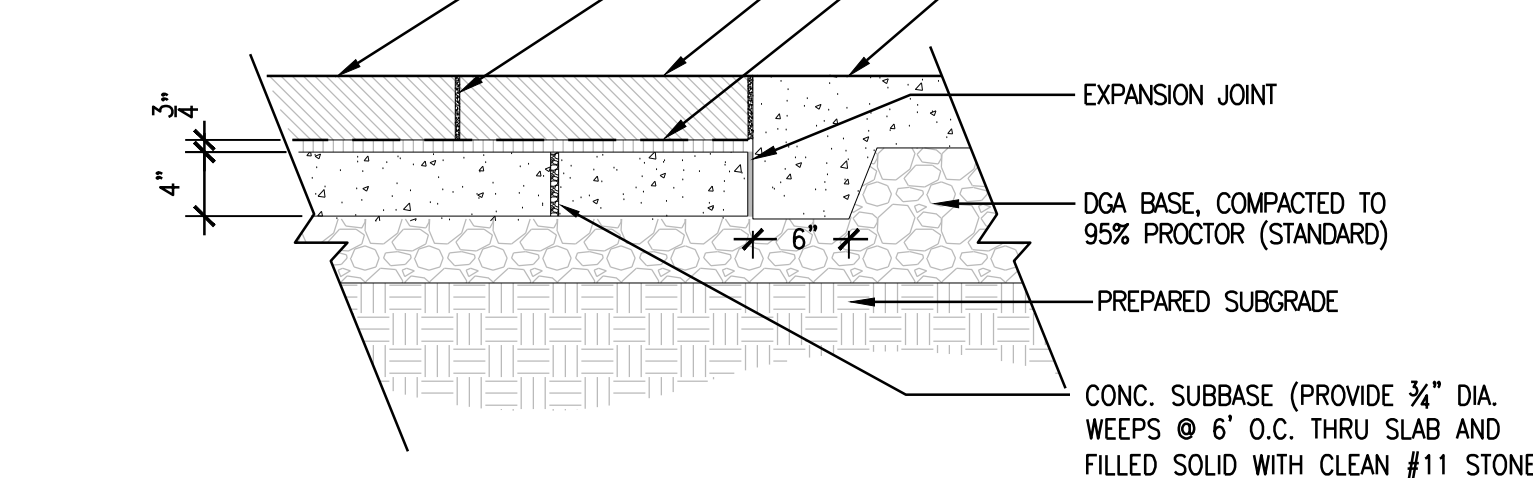
**F CONCRETE SEAT WALL - RETAINING CONDITION**  
SCALE: 3/4" = 1'-0"

**BASIS OF DESIGN FOR CONCRETE PAVERS:**

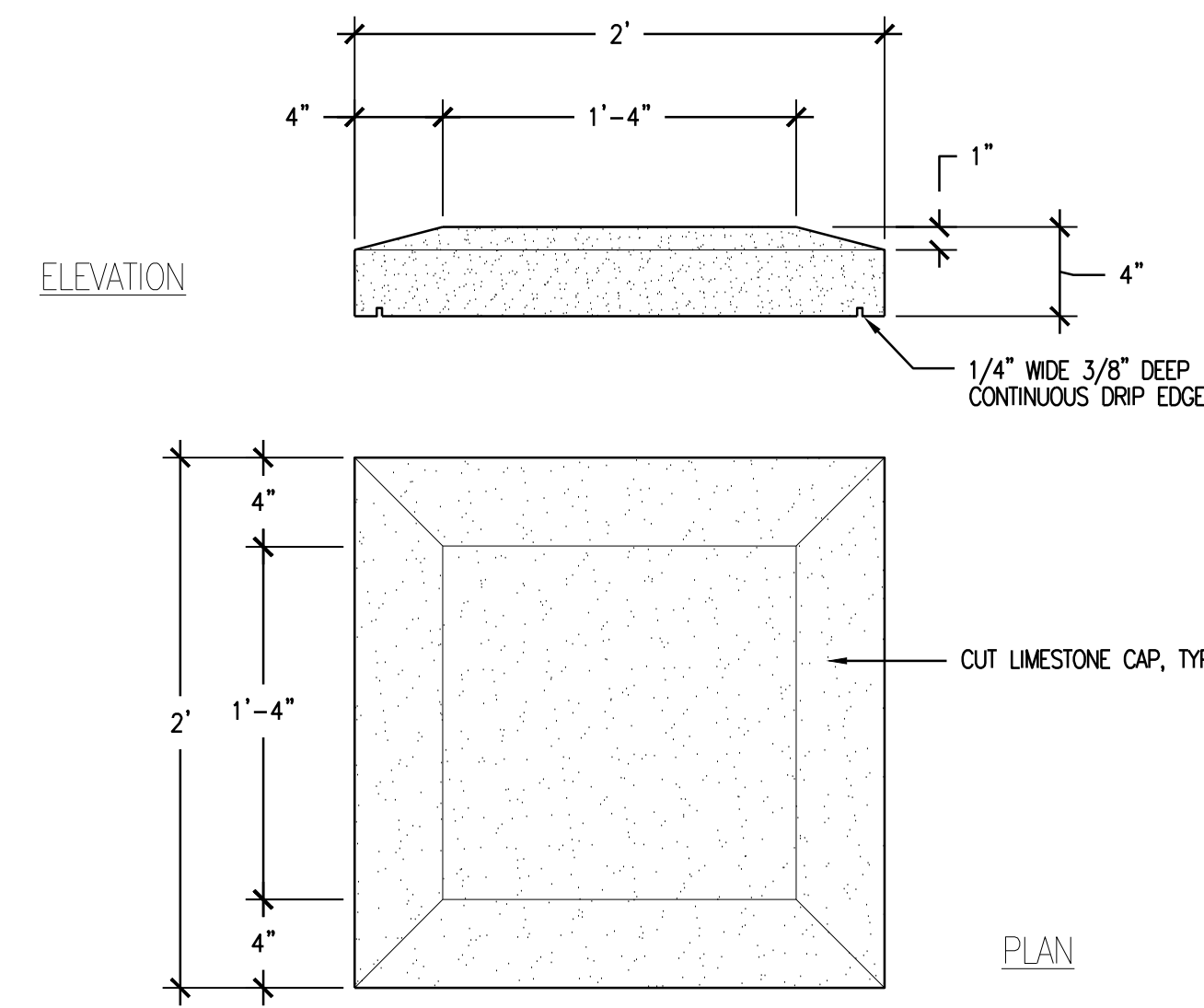
- MANUFACTURER: UNILOCK
- PRODUCT: 'PROMENADE' PLANK PAVER
- SIZE: 4" X 16" (15.75" X 3.875")
- FINISH: SMOOTH FINISH
- COLORS: BLEND OF THE FOLLOWING: DARK: MIDNIGHT SKY, MEDIUM: FRENCH GREY, LIGHT: WINTER MARVEL

**NOTES:**

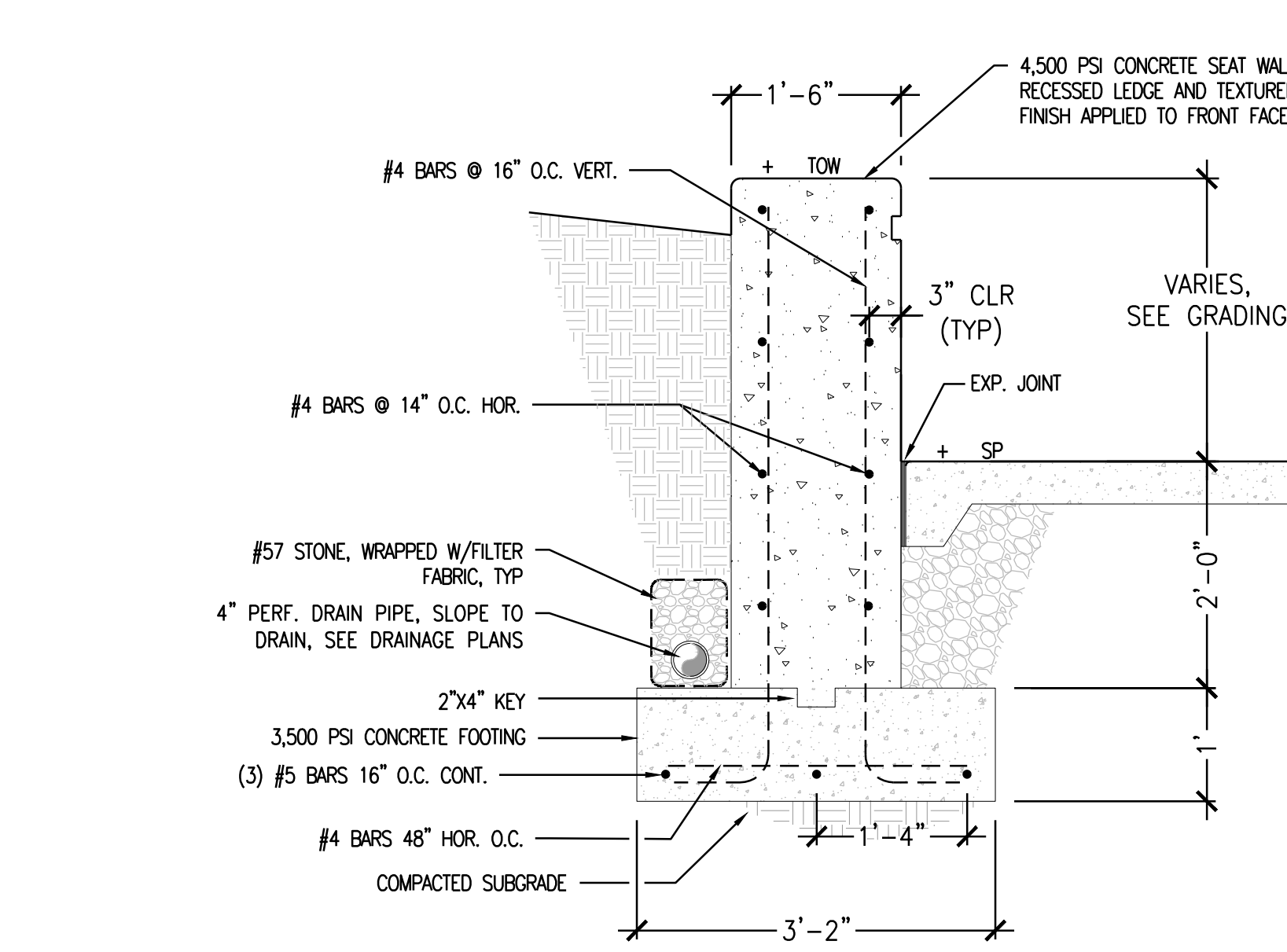
- PROVIDE POLYMERIC SAND COLOR SAMPLES FOR LANDSCAPE ARCHITECT/OWNER SELECTION PRIOR TO CONSTRUCTION.



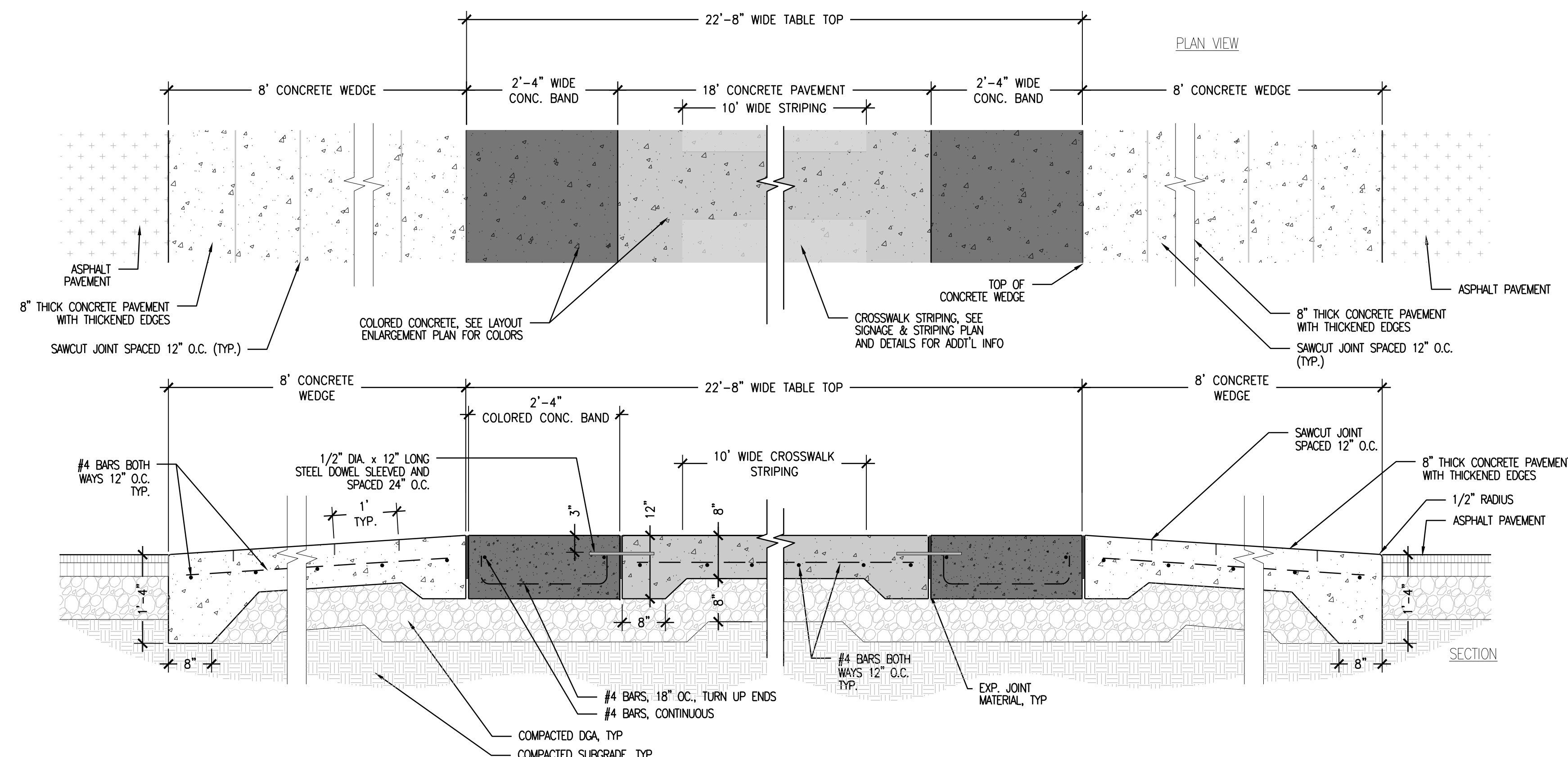
**G PRECAST CONCRETE UNIT PAVERS**  
SCALE: 1" = 1'-0"



**H BRICK COLUMN LIMESTONE CAP**  
SCALE: 1/4" = 1'-0"



**I TRAFFIC TABLE WITH COLORED CONCRETE**  
SCALE: 3/4" = 1'-0"



CONTRACTOR TO PROVIDE SPECIFIC SHOP DRAWINGS FOR ALL MANUFACTURED AND /OR PRECAST STRUCTURES.

**SITE PLAN**

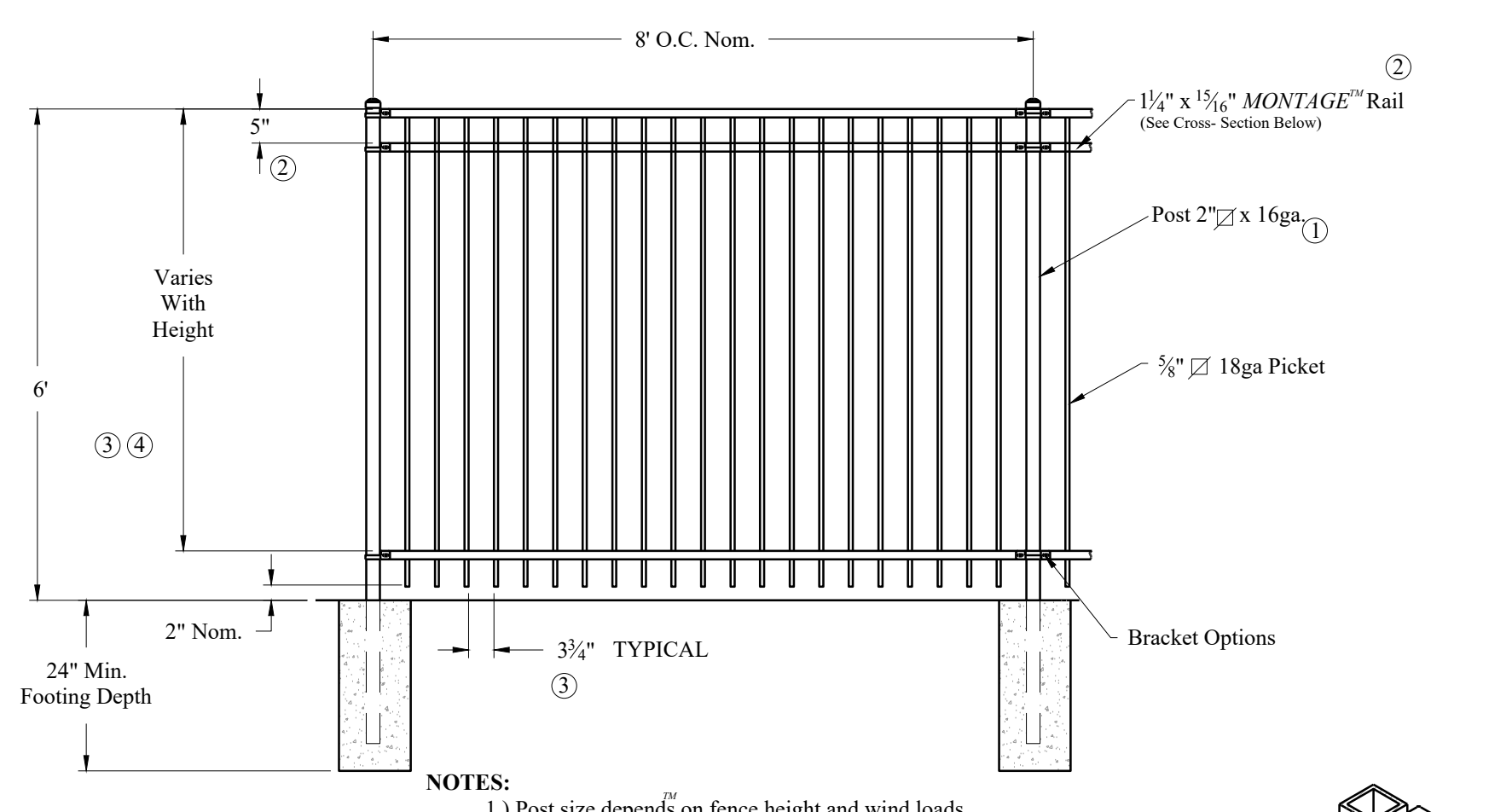
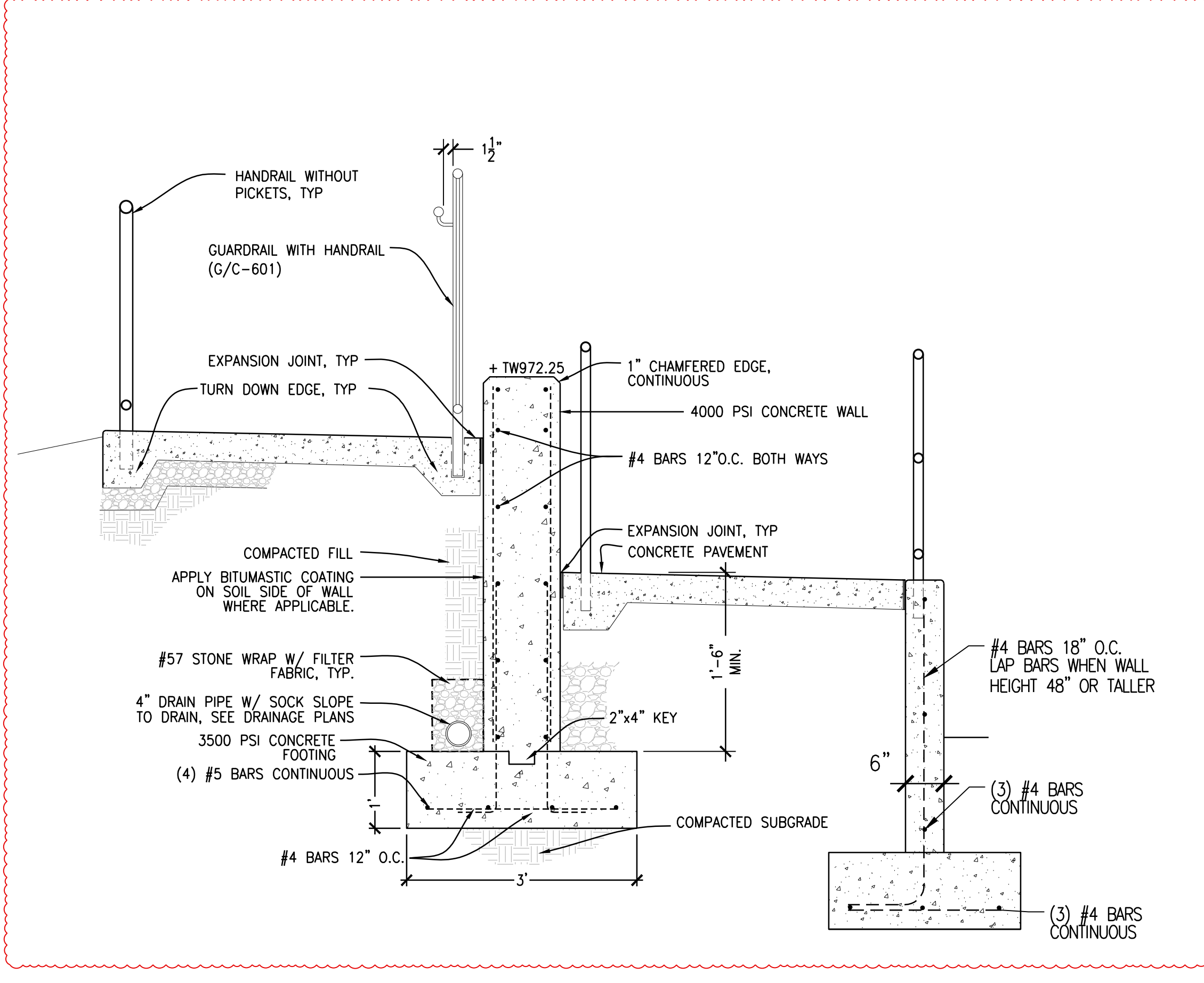
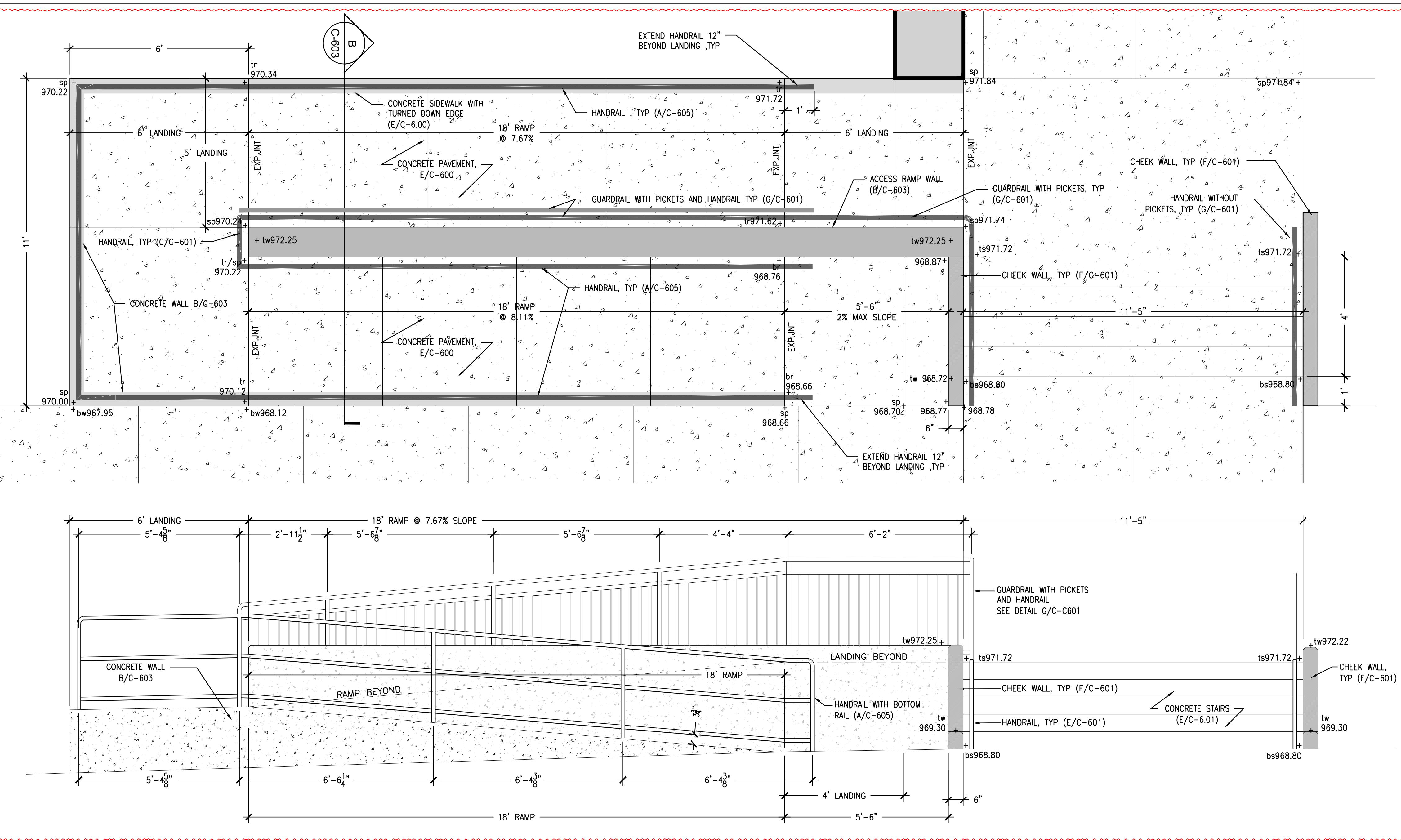
PROJECT	202078
DATE	09-27-21

REVISIONS	
No.	Date
1	10/8/21
ADDENDUM #2	

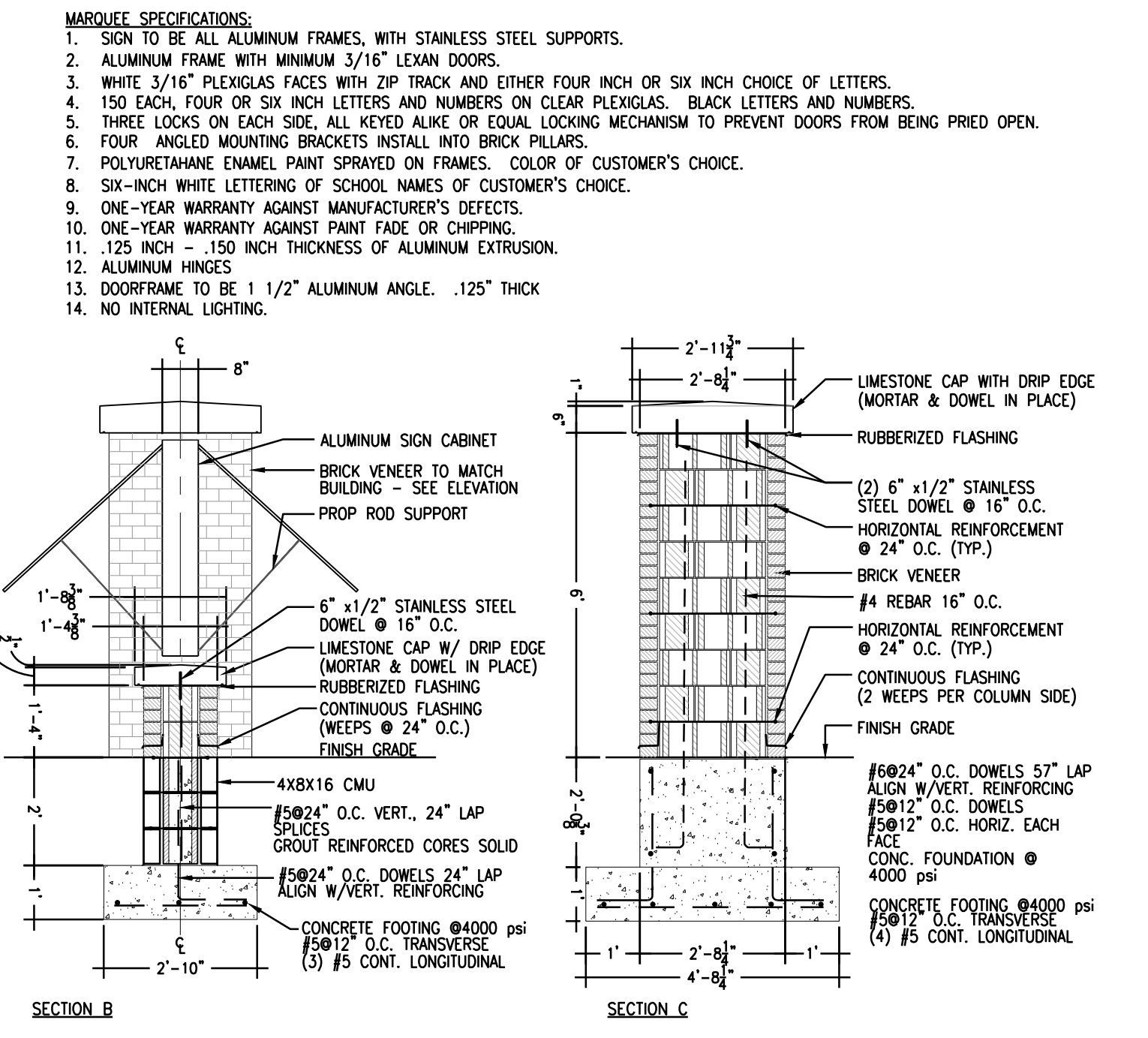
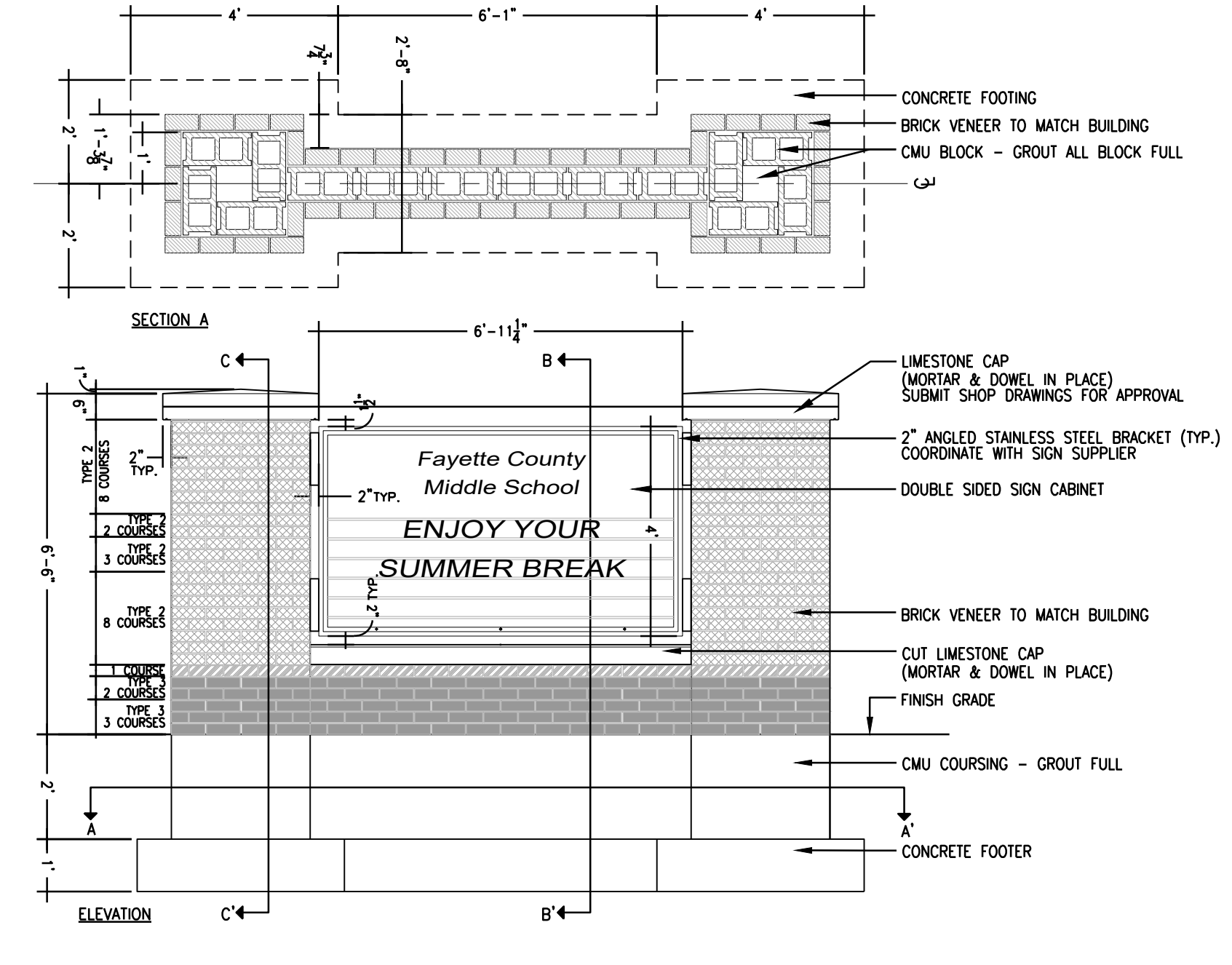
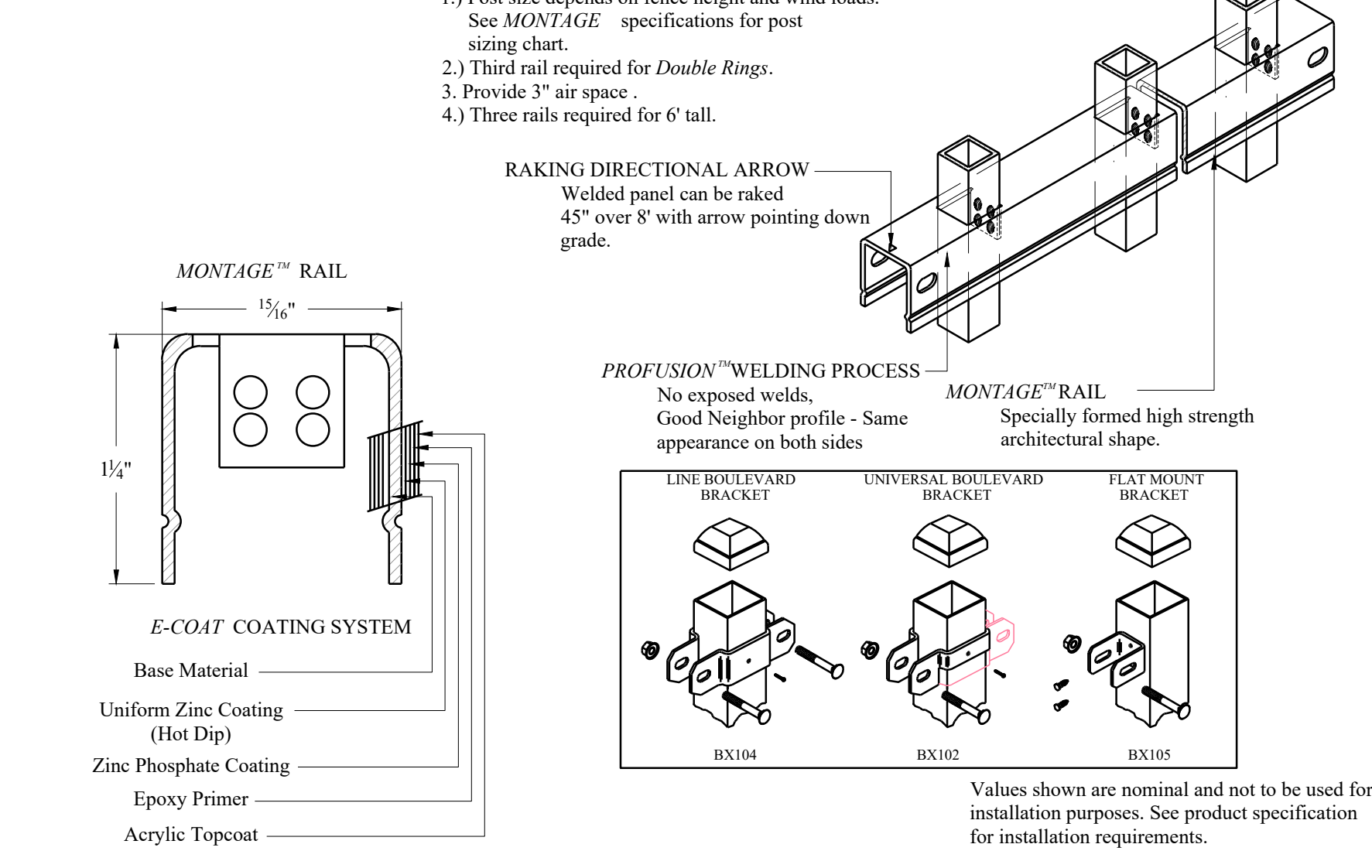
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**SITE DETAILS**

**C-602.1**



- NOTES:**
- 1.) Post size depends on fence height and wind loads. See MONTAGE™ specifications for post sizing chart.
  - 2.) Third rail required for Double Rings.
  - 3.) Provide 3" air space.
  - 4.) Three rails required for 6' tall.



**C DECORATIVE FENCE (6' HEIGHT)**  
SCALE: 1/2" = 1'-0"

CONTRACTOR TO PROVIDE SPECIFIC SHOP DRAWINGS FOR ALL MANUFACTURED AND / OR PRECAST STRUCTURES.

**SITE PLAN**

PROJECT	202078	
DATE	09-27-21	
<b>REVISIONS</b>		
No.	Description	Date
1	ADDENDUM #2	10/8/21

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Disclaimer Accepted By: \_\_\_\_\_ Date: \_\_\_\_\_

Representing: \_\_\_\_\_

Project: New Middle School – Polo Club

E-mail Address: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

## FCPS - NEW MIDDLE SCHOOL

### Substitution Requests

Submitter	Spec Section / Description	Substitution Manufacturer	Substitution Product	Approved	Not Approved
PAC-CLAD KY	07 4113.19 - Metal Roof Panels	Petersen Aluminum Corporation	T250	X	
Atlas	08 1113 - HM Doors and Frames	Metal Products Inc.	MPI		X
Atlas	08 1416 - Flush Wood Doors	Oshkosh Door Company	Architectural Flush Wood Doors		X
TNT Roofing	07 5216 - (SBS) Modified Bituminous Membrane Roofing	Firestone	SBS	X	
Ketchum and Walton	11 6001 - Music Suite Acoustical Wall and Ceiling Panels	Kinetics	KNC Geometric Diffuser (AP1 and AP2), KNC Hardside (AP4-AP8), KNC Geometric Diffuser (AP9, AP11)	X	
Knew Solutions	Metal Wall Panel Backup Framing System (contractor option)	EXO ci	EXO ci Framing System	X	
Knew Solutions	07 4243 - Metal Composite Material Wall Panels	Elemex	Alumitex ACM	X	
Alfrex USA	07 4243 - Metal Composite Material Wall Panels	Alfrex USA	Alfrex FR MCM	X	
Atlas	11 6623 - Gym Equipment	Bison	Bison		X
Acoustical Products Co	09 8433 - Sound Absorbing Wall Units	ESSI	ESSI Acoustical Wall Panels	X	
Acoustical Products Co	11 6001 - Music Suite Acoustical Wall and Ceiling Panels	ESSI	ESSI Music Suite Acoustical	X	
ADP Lemco	11 6623 - Gym Equipment	ADP Lemco	Gym Equipment and Divider Curtain	X	