



ADDENDUM NUMBER: ONE (1)

DATE: May 2, 2024

PROJECT: ATHLETIC COMPLEX AT STOKES FIELD
COMMUNITY CENTER RENOVATION

DESIGNER: MONTGOMERY COUNTY ENGINEERING

BID OPENING: May 14, 2024, at 2:00 P.M.

TO PLANHOLDERS:

This addendum is issued to clarify, revise, and supersede information in the original Project Manual dated April 15, 2024 and Project Drawings, dated April 15, 2024 and is hereby made part of the contract documents. Acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.

Review changes to each portion of the work, as changes of one portion may affect the work of another.

INFORMATION AVAILABLE TO BIDDERS:

PROJECT MANUAL:

1. Specification Section 074110 is revised and replaces the original Section 074110. Section 2.8- Corrugated Metal Panel- Soffit and Exterior Ceiling Systems is added. Additions are noted in red.

PROJECT DRAWINGS:

1. Drawing C2.00: There are multiple power poles shown within the limits of demolition. Three of those poles are owned by CDE. CDE will remove those three poles only after any service wiring, meter bases, etc. are removed from the poles. All other poles within the limits of demolition are private and shall be removed as part of the base bid, except where add alternates apply.
2. Drawing Sheet L1.01: Sheet does not show stabilization of the temporary sediment basin area that is shown on Sheet C5.01. When the temporary sediment basin is removed the area shall be re-graded, stabilized with 6" of topsoil and sodded with common Bermuda grass.
3. Drawing Sheet A1.4: Drawing A1.4 is revised and dated 4-30-2024 and replaces the original A1.4. Notes to a section detail calling out the soffit material has been revised to call out Pre-finished Corrugated Metal Soffit Material.
4. Drawing Sheet ES1.1: Drawing ES1.1 is revised and dated 4-30-24 and replaces the original ES1.1. The "Sports Lighting Pole Conductor Schedule" was moved from Sheet E5.2 to Sheet ES1.1.
5. Drawing Sheet E5.2: Drawing E5.2 is revised and dated 4-30-24 and replaces the original E5.2. Foundation details for Field 1 poles have been added.

QUESTIONS & ANSWERS:

- Q.** There is no structure detail to show what holds up truss at cooking pavilion.
A. The truss bears on HSS column at each end as shown on plan and Detail 4, Sheet S1.3. Details 3 and 4, Sheet S1.3 note Truss T-6. Both should read T-2.
- Q.** Does metal ceiling of cooking pavilion attach to wood 2x10 purlins?
A. See revised sheet A1.4 and specification section 074110 for new details.
- Q.** Plan A3.0 Detail 1 shows spigot in Northeast corner of building, note says see plumbing drawing but there is no plumbing drawing for this building.?
A. This note is for the rain gutter downspouts and is shown in detail on C4.25.
- Q.** Alternate 5 should be scoreboard at field 1 per spec section 01 23 00. Note on page C3.00 legend "J" reads all 3 scoreboards are included in alternate. Which is correct?
A. The J legend note is referring to the type of scoreboard. Field 2 and 3 scoreboards are included in the base bid. Field 1's scoreboard is Add Alternate #5.
- Q.** Building 2 Detail 5, Sheet A2.1 notes 5/8" plywood on wall. Wall Detail 6, Sheet A2.1 notes 3/4" plywood. Please verify correct note.
A. Exterior Wall sheathing is 7/16" OSB per note 8, Sheet S1.2 and interior wall sheathing is 19/32" plywood per Detail 4, Sheet S3.2. Ignore interior plywood thickness shown on A2.1.
- Q.** Alternate 11 reads if not selected stabilize field with Fescue grass seed and straw, plans note using Bermuda, please verify.
A. Field 5 shall be stabilized with fescue seed and straw at a rate of 8 pounds per 1,000 square foot as a part of the Base Bid. If Add Alternate #11 is accepted, Field 5 shall be stabilized with the Patriot bermudagrass. Specification Section 32 92 23, part 2.1.A.1 that addresses Fescue sod shall be deleted.
- Q.** Is list of unit prices per sec section 01 22 00 to be turned in with bid proposal?
A. No, this is part of the 24-hour documents that will be requested from the low bidders.
- Q.** Do the bid attachments, drug free, Iran Divestment, etc. need to be turned in with the bid?
A. No, these will be requested of the low bidders for the 10-day documents.
- Q.** Is the proposed subcontractor list to be submitted with the bid?
A. No, this will be requested of the low bidders as part of the 24-hour documents.
- Q.** Can the contractor use Allan Block Classic instead of the Allan Block Fieldstone that is called out in the plans?
A. Allan Block Classic is an acceptable substitution at Walls 1 and 3. Allan Block Classic may be considered for Wall 2. Bidder shall submit for approval method/detail for constructing parapet wall using the Allan Block Classic no later than the last day for questions. If approved, the location of top of wall must remain where shown on the plans. Adjust the location of bottom of wall accordingly.
- Q.** Sheets C3.00-C3.03, Item "Y", which is for 6' chain link fencing, references Add Alternate #7. Is all 6' height chain link fencing to be included in Add Alternate #7?
A. Only the 140+/- linear feet of fencing shown in purple that surrounds the concrete pavement north of the maintenance building is to be included as a part of Add Alternate #7. All other fencing shall be included as a part of the base bid.
- Q.** Who is responsible for mowing the existing baseball field that is slated to remain?
A. Contractor will be responsible as part of the base bid to mow the limits of the existing baseball field #1, as well as the undisturbed grassed areas outside of the limits of disturbance, as defined

by plan sheet C5.03, EPSC Plan-Phase 3. This limit is defined from the edge of the existing wood line around the property, inward to the limits of the project disturbance, but no further North than the proposed Northern fence line that separates the park boundary from the CMCSS property. These areas shall be mowed to a 3" to 3.5" height at least twice a month during the growing seasons. No mowing required during winter months. The project will need to be mowed immediately upon award to the successful contractor. All other mowing requirements of the proposed sod grass improvements remain unchanged from the sod specifications.

OTHER REQUIREMENTS AND PROVISIONS OF THE CONTRACT DOCUMENTS REMAIN UNCHANGED.

END OF ADDENDUM NUMBER ONE

SECTION 07411 - METAL ROOF PANELS AND SIDING / WALL PANELS

PART 1 - GENERAL

1.1 SUMMARY

A. This Section includes the following:

1. Factory-formed and field-assembled, standing-seam metal roof panels.
2. Break Metal Fascia, Rake and related Trim.
3. Flush Panel Metal Siding Systems
4. **Corrugated Metal Panel - Soffit and Exterior Ceiling Systems**

1.2 PERFORMANCE REQUIREMENTS

- A. Wind-Uplift Resistance: Comply with UL 580 for wind-uplift resistance class indicated.
- B. Structural Performance: Capable of withstanding the effects of gravity loads and loads and stresses, based on testing according to ASTM E 1592 for the project location.
- C. Seismic Performance: Provide metal roof panel assemblies capable of withstanding the effects of earthquake motions determined according to ASCE 7, "Minimum Design Loads for Buildings and Other Structures": Section 9, "Earthquake Loads."

1.3 SUBMITTALS

- A. Product Data: For each type of metal roof panel and accessory indicated.
- B. Shop Drawings: Show layouts of metal roof panels, including plans, elevations, sections, details, and attachments to other work.
1. Include details of edge conditions, joints, panel profiles, corners, anchorages, trim, flashings, closures, and accessories.
 2. Include structural analysis data signed and sealed by the qualified professional engineer responsible for their preparation.
- C. Coordination Drawings: Drawn to scale and coordinating metal roof panel installation with penetrations and roof-mounted items.
- D. Samples: For each exposed finish.
- E. Material certificates.
- F. Field quality-control inspection reports.
- G. Product test reports.
- H. Maintenance data.

1.4 QUALITY ASSURANCE

SECTION 07411 - METAL ROOF PANELS AND SIDING / WALL PANELS

- A. Installer Qualifications: An employer of workers trained and approved by manufacturer.
 - 1. Installer's responsibilities include fabricating and installing metal roof panel assemblies and providing professional engineering services needed to assume engineering responsibility.
- B. Preinstallation Conference: Conduct conference at Project site.

1.5 WARRANTY

- A. Special Warranty: Manufacturer's standard form in which manufacturer agrees to repair or replace components of metal roof panel assemblies that fail in materials or workmanship within specified warranty period.
 - 1. Failures include, but are not limited to, the following:
 - a. Structural failures, including rupturing, cracking, or puncturing.
 - b. Deterioration of metals, metal finishes, and other materials beyond normal weathering.
 - 2. Warranty Period: for factory applied exterior finishes on roof panels is 20 years after the date of substantial completion.
 - 3. Warranty Period: for water-tightness of metal roofing system is 20 years after the date of substantial completion.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. In other Part 2 articles where titles below introduce lists, the following requirements apply for product selection:
 - 1. Available Manufacturers: Subject to compliance with requirements, manufacturers offering products that may be incorporated into the Work include, but are not limited to, the manufacturers specified.
 - 2. Manufacturers: Subject to compliance with requirements, provide products by the manufacturers specified.

2.2 PANEL MATERIALS

- 1. Zinc-Coated (Galvanized) Steel Sheet: ASTM A 653/A 653M, G90 coating designation; structural quality.
- 2. Surface: Smooth, flat finish.
- 3. Exposed Finishes:
 - a. High-Performance Organic Finish: Three -coat, thermocured system with fluoropolymer coats containing not less than 70 percent (Kynar 500) polyvinylidene fluoride resin by weight; complying with physical properties and coating performance requirements of AAMA 2604, except as modified below:

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- 1) Humidity Resistance: 2000 hours.
 - 2) Water Resistance: 2000 hours.
4. Concealed Finish: White or light-colored acrylic or polyester backer finish.
- B. Aluminum Sheet Break Metal Trim: Coil-coated sheet, ASTM B 209, alloy as standard with manufacturer, with temper as required to suit forming operations and structural performance required.
1. Surface: Smooth, flat finish.
 2. Exposed Finishes:
 - a. High-Performance Organic Finish: Three -coat, thermocured system with fluoropolymer coats containing not less than 70 percent (Kynar 500) polyvinylidene fluoride resin by weight; complying with AAMA 2604.
 3. Concealed Finish: White or light-colored acrylic or polyester backer finish.
- C. Panel Sealants:
1. Sealant Tape: Pressure-sensitive, gray polyisobutylene compound sealant tape with release-paper backing; 1/2 inch wide and 1/8 inch thick.
 2. Joint Sealant: ASTM C 920; as recommended in writing by metal roof panel manufacturer.
 3. Butyl-Rubber-Based, Solvent-Release Sealant: ASTM C 1311.

2.3 UNDERLAYMENT MATERIALS

A. Roof Panels:

Felts: ASTM D 226, 30 #, asphalt-saturated organic felts.

2.4 MISCELLANEOUS METAL FRAMING

A. General: Comply with ASTM C 754 for conditions indicated.

1. Steel Sheet Components: Complying with ASTM C 645 requirements for metal and with ASTM A 653/A 653M, G40, hot-dip galvanized.

2.5 MISCELLANEOUS MATERIALS

- A. Fasteners: Self-tapping screws, bolts, nuts, self-locking rivets and bolts, end-welded studs, and other suitable fasteners designed to withstand design loads. Provide exposed fasteners with heads matching color of metal roof panels by means of plastic caps or factory-applied coating.
1. Fasteners for Roof Panels: Self-drilling or self-tapping, zinc-plated, hex-head carbon-steel screws, with a stainless-steel cap or zinc-aluminum-alloy head and EPDM or neoprene sealing washer.
 2. Fasteners for Roof Panels: Self-drilling or self-tapping 410 stainless or zinc-alloy steel hex washer head, with EPDM or PVC washer under heads of fasteners bearing on weather side of metal roof panels.

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3. Fasteners for Flashing and Trim: Blind fasteners or self-drilling screws with hex washer head.
 4. Blind Fasteners: High-strength aluminum or stainless-steel rivets.
- B. Bituminous Coating: Cold-applied asphalt mastic, SSPC-Paint 12, compounded for 15-mil dry film thickness per coat. Provide inert-type noncorrosive compound free of asbestos fibers, sulfur components, and other deleterious impurities.

2.6 METAL ROOF SYSTEM

- A. Standing-Seam Metal Roof Panels: Factory-formed, designed to be field assembled by lapping and interconnecting raised side edges of adjacent panels with joint type indicated and mechanically attaching panels to supports using concealed clips in side laps. Include clips, cleats, pressure plates, and accessories required for weathertight installation.
1. Steel Panel Systems: Comply with ASTM E 1514.
 2. Provide system equal to:
 - a. Englert
 - b. Pac Clad – Petersen Aluminum
 3. Type: Vertical rib, seamed joint as indicated on Drawings.
 4. Material: Metallic-coated steel sheet (Roof Panel), 24 Gage - 0.0239 inch thick.
 - a. Exterior Finish: Fluoropolymer.
 - b. Color: Equal to PAC–CLAD Metallic Finish color selector line as selected by Architect.
 - c. Major-Rib Spacing: 1' - 6" o.c.
 - d. Panel Coverage: One continuous panel per length.
 - e. Panel Height: 1 ½" high seam.
 - f. Uplift Rating: UL 90.

2.7 METAL FLUSH PANEL WALL SIDING SYSTEM

- A. Metal Flush Panel Siding: Factory-formed, designed to be field assembled by lapping and interconnecting side edges of adjacent panels with joint type indicated to supports using concealed clips in side laps. Include clips, cleats, pressure plates, and accessories required for weathertight installation.
1. Steel Panel Systems: Comply with ASTM E 1514.
 2. Provide system equal to:
 - a. Englert
 - b. Pac Clad – Petersen Aluminum
 3. Type: Flush Reveal Wall Panel as indicated on Drawings.
 4. Material: Metallic-coated steel sheet (Roof Panel), 24 Gage - 0.0239 inch thick.
 - a. Exterior Finish: Fluoropolymer.
 - b. Color: Equal to PAC–CLAD Standard Finish color selector line as selected by Architect.

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- c. Panel Coverage: One continuous panel per length.
- d. Panel Height: 1" nominal.
- e. Uplift Rating: UL 90.

2.8 CORRUGATED METAL PANEL – SOFFIT AND EXTERIOR CEILING SYSTEMS

A. Corrugated Metal Panel - Soffit and Exterior Ceiling Systems: Factory-formed, designed to be field assembled by lapping and interconnecting side edges of adjacent panels with joint type indicated to supports using concealed clips in side laps. Include clips, cleats, pressure plates, and accessories required for weathertight installation.

- 1. Steel Panel Systems: Comply with ASTM E 1514.
- 2. Provide system equal to:
 - a. Pac Clad – Petersen Aluminum
- 3. Type: Corrugated Metal Soffit and Exterior Ceiling Panel as indicated on Drawings.
- 4. Material: Metallic-coated steel sheet (Roof Panel), 24 Gage - 0.0239 inch thick.
 - a. Exterior Finish: Fluoropolymer.
 - b. Color: Equal to PAC-CLAD Metallic Finish, color to match Pac Clad Silversmith.
 - c. Panel Coverage: One continuous panel per length (panels come in 30'-0" lengths)
 - d. Panel Height: 7/8" nominal.
 - e. Provide matching screws, rivets, closure strips, trim

2.9 ACCESSORIES

A. Roof Panel Accessories: Provide components required for a complete metal roof panel assembly including trim, copings, fasciae, corner units, ridge closures, clips, flashings, sealants, gaskets, fillers, closure strips, and similar items. Match material and finish of metal roof panels, unless otherwise indicated.

- 1. Closures: Provide closures at eaves and ridges, fabricated of same metal as metal roof panels.
 - 2. Clips: Minimum 0.0625-inch- thick, stainless-steel panel clips designed to withstand negative-load requirements.
 - 3. Cleats: Mechanically seamed cleats formed from minimum 0.0250-inch- thick, stainless-steel or nylon-coated aluminum sheet.
 - 4. Closure Strips: Closed-cell, expanded, cellular, rubber or crosslinked, polyolefin-foam or closed-cell laminated polyethylene; minimum 1-inch- thick, flexible closure strips; cut or premolded to match metal roof panel profile. Provide closure strips where indicated or necessary to ensure weathertight construction.
- B. Roof Flashing: Formed from 0.0179-inch- thick, metallic-coated steel sheet. Provide flashing and trim as required to seal against weather and to provide finished appearance. Locations include eaves, rakes, corners, bases, framed openings, ridges, fasciae, and fillers. Finish flashing and trim with same finish system as adjacent metal roof panels.
- C. Gutters: Formed from 0.0179-inch- thick, metallic-coated steel sheet. Match profile of gable trim, complete with end pieces, outlet tubes, and other special pieces as required. Fabricate in minimum 96-inch- long sections, sized according to SMACNA's "Architectural Sheet Metal Manual." Furnish gutter supports spaced 36 inches o.c., fabricated from same metal as gutters.

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Provide bronze, copper, or aluminum wire ball strainers at outlets. Finish gutters to match roof fascia and rake trim.

- D. Downspouts: Formed from 0.0179-inch- thick, metallic-coated steel sheet; in 10-foot- long sections, complete with formed elbows and offsets. Finish downspouts to match metal roof panels.
- E. Roof Curbs: Fabricated from 0.0478-inch- thick, metallic-coated steel sheet; with welded top box and bottom skirt, and integral full-length cricket. Fabricate curb subframing of minimum 0.0598-inch- thick, angle-, C-, or Z-shaped steel sheet. Fabricate curb and subframing to withstand indicated loads, of size and height indicated. Finish roof curbs to match metal roof panels. Insulate roof curb with 1-inch- thick, rigid insulation.

2.10 FABRICATION

- A. General: Fabricate and finish metal roof panels and accessories at the factory to greatest extent possible, by manufacturer's standard procedures and processes, as necessary to fulfill indicated performance requirements demonstrated by laboratory testing. Comply with indicated profiles and with dimensional and structural requirements.
- B. Provide panel profile, including major ribs and intermediate stiffening ribs, if any, for full length of panel.
- C. Where indicated, fabricate metal roof panel joints with factory-installed captive gaskets or separator strips that provide a tight seal and prevent metal-to-metal contact, in a manner that will minimize noise from movements within panel assembly.
- D. Sheet Metal Accessories: Fabricate flashing and trim to comply with recommendations in SMACNA's "Architectural Sheet Metal Manual" that apply to the design, dimensions, metal, and other characteristics of item indicated.
- E. Protect mechanical and painted finishes on exposed surfaces from damage by applying a strippable, temporary protective covering before shipping.

PART 3 - EXECUTION

3.1 PREPARATION

- A. Install flashings and other sheet metal to comply with requirements specified in Division 7 Section "Sheet Metal Flashing and Trim."

3.2 UNDERLAYMENT INSTALLATION

- A. Felt Underlayment: Install felt underlayment and building-paper slip sheet on roof sheathing under metal roof panels. Use adhesive for temporary anchorage. Apply at locations indicated on Drawings, in shingle fashion to shed water, with lapped joints of not less than 2 inches
- B. Apply slip sheet over underlayment before installing metal roof panels.

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3.3 METAL ROOF PANEL INSTALLATION, GENERAL

- A. General: Provide metal roof panels of full length from eave to ridge, unless otherwise indicated or restricted by shipping limitations. Anchor metal roof panels and other components of the Work securely in place, with provisions for thermal and structural movement.
1. Field cutting of metal roof panels by torch is not permitted.
 2. Rigidly fasten eave end of metal roof panels and allow ridge end free movement due to thermal expansion and contraction. Predrill panels.
 3. Provide metal closures at rake edges, rake walls.
 4. Flash and seal metal roof panels with weather closures at eaves, rakes, and at perimeter of all openings. Fasten with self-tapping screws.
 5. Locate panel splices over, but not attached to, structural supports. Stagger panel splices and end laps to avoid a four-panel lap splice condition. Provide layout drawing in shop drawing submittal package to architect for review and approval prior to execution.
 6. Lap metal flashing over metal roof panels to allow moisture to run over and off the material.
- B. Fasteners:
1. Steel Roof Panels: Use stainless-steel fasteners for surfaces exposed to the exterior and galvanized steel fasteners for surfaces exposed to the interior.
 2. Aluminum Roof Panels: Use aluminum or stainless-steel fasteners for surfaces exposed to the exterior and aluminum or galvanized steel fasteners for surfaces exposed to the interior.
- C. Metal Protection: Where dissimilar metals will contact each other or corrosive substrates, protect against galvanic action by painting contact surfaces with bituminous coating, by applying rubberized-asphalt underlayment to each contact surface, or by other permanent separation as recommended by metal roof panel manufacturer.
1. Coat back side of aluminum roof panels with bituminous coating where roof panels will contact wood, ferrous metal, or cementitious construction.
- D. Joint Sealers: Install gaskets, joint fillers, and sealants where indicated and where required for weatherproof performance of metal roof panel assemblies.
1. Seal metal roof panel end laps with double beads of tape or sealant, full width of panel. Seal side joints where recommended by metal roof panel manufacturer.
 2. Prepare joints and apply sealants to comply with requirements in Division 7 Section "Joint Sealants."

3.4 THERMAL INSULATION INSTALLATION FOR FIELD-ASSEMBLED METAL ROOF PANELS

- A. Board Insulation: Extend insulation in thickness indicated to cover entire roof. Comply with installation requirements in Division 7 Section "Building Insulation."
1. Erect insulation horizontally and hold in place with Z-shaped furring members spaced 24 inches o.c. Securely attach narrow flanges of furring members to roof deck with screws spaced 24 inches o.c.
 2. Retainer Strips: Install retainer strips at each longitudinal insulation joint, straight and taut, nesting with secondary framing to hold insulation in place.

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3.5 FIELD-ASSEMBLED METAL ROOF PANEL INSTALLATION

- A. Standing-Seam Metal Roof Panels: Fasten metal roof panels to supports with concealed clips at each standing-seam joint at location, spacing, and with fasteners recommended by manufacturer.
 - 1. Install clips to supports with self-tapping fasteners.
 - 2. Snap Joint: Nest standing seams and fasten together by interlocking and completely engaging factory-applied sealant.
 - 3. Seamed Joint: Crimp standing seams with manufacturer-approved motorized seamer tool so clip, metal roof panel, and factory-applied sealant are completely engaged.

- B. Metal Soffit Panels: Provide metal soffit panels full width of soffits. Install panels perpendicular to support framing.
 - 1. Flash and seal panels with weather closures where metal soffit panels meet walls and at perimeter of all openings.

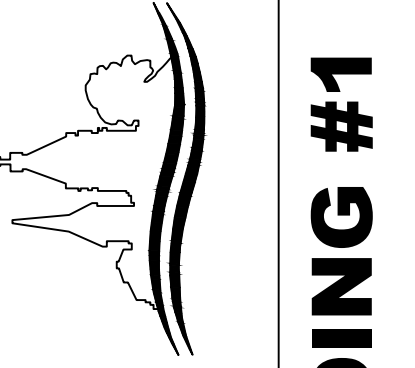
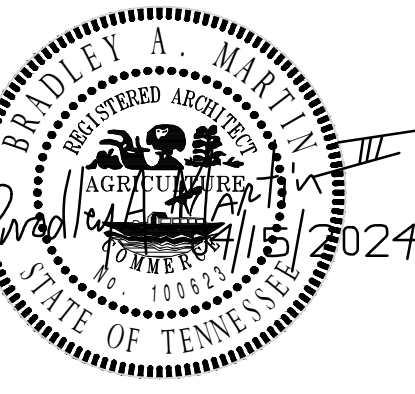
3.6 ACCESSORY INSTALLATION

- A. General: Install accessories with positive anchorage to building and weathertight mounting and provide for thermal expansion. Coordinate installation with flashings and other components.
 - 1. Install components required for a complete metal roof panel assembly including trim, copings, ridge closures, seam covers, flashings, sealants, gaskets, fillers, closure strips, and similar items.
 - 2. Comply with performance requirements, manufacturer's written installation instructions, and SMACNA's "Architectural Sheet Metal Manual." Provide concealed fasteners where possible, and set units true to line and level as indicated. Install work with laps, joints, and seams that will be permanently watertight and weather resistant.
 - 3. Provide elbows at base of downspouts to direct water away from building.
 - 4. Tie downspouts to underground drainage system indicated.

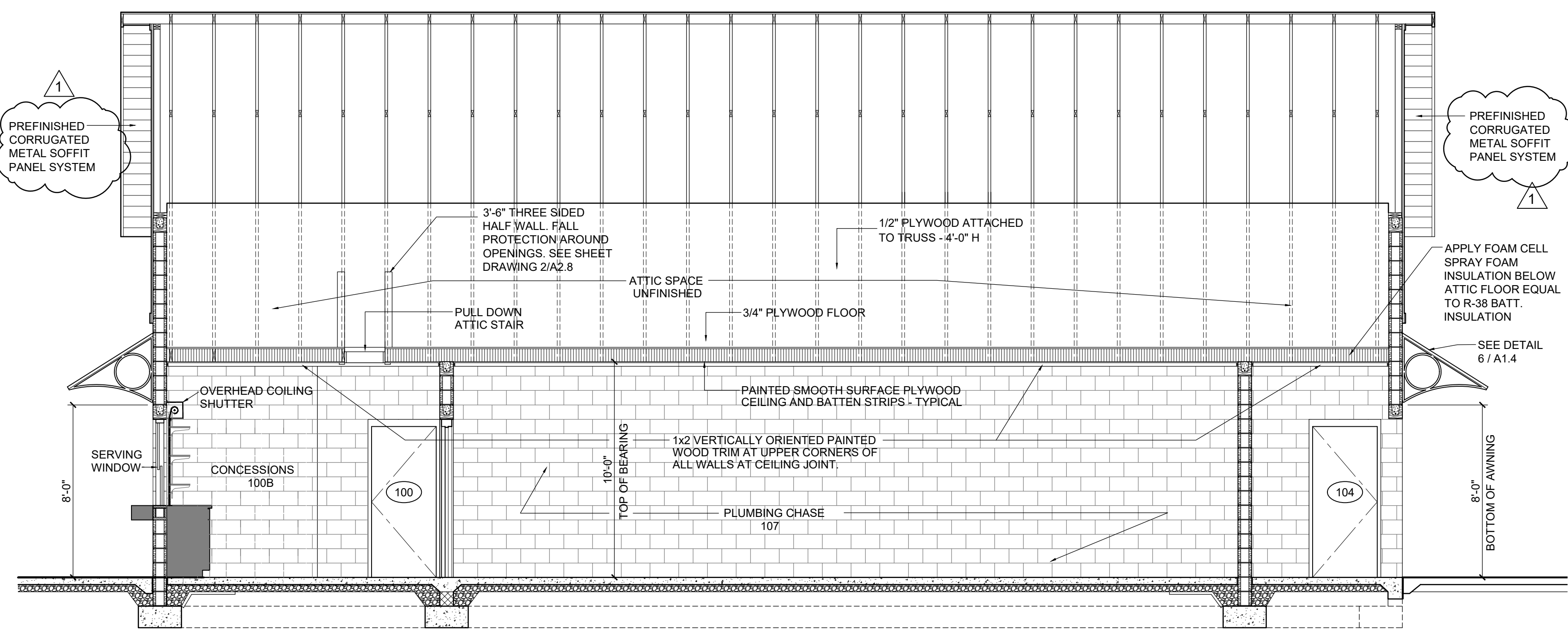
3.7 CLEANING AND PROTECTION

- A. Remove temporary protective coverings and strippable films, if any, as metal roof panels are installed, unless otherwise indicated in manufacturer's written installation instructions. On completion of metal roof panel installation, clean finished surfaces as recommended by metal roof panel manufacturer. Maintain in a clean condition during construction.

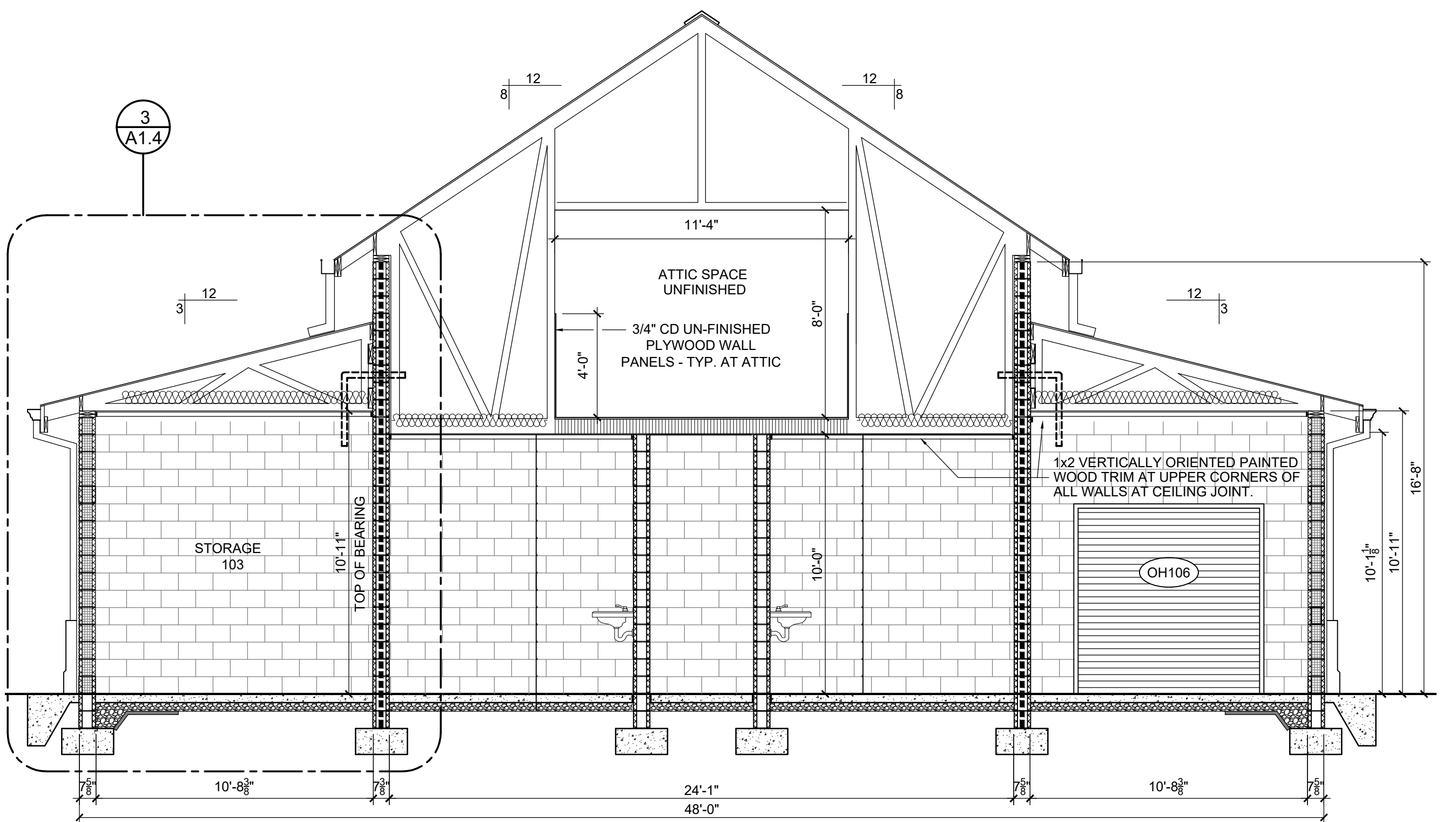
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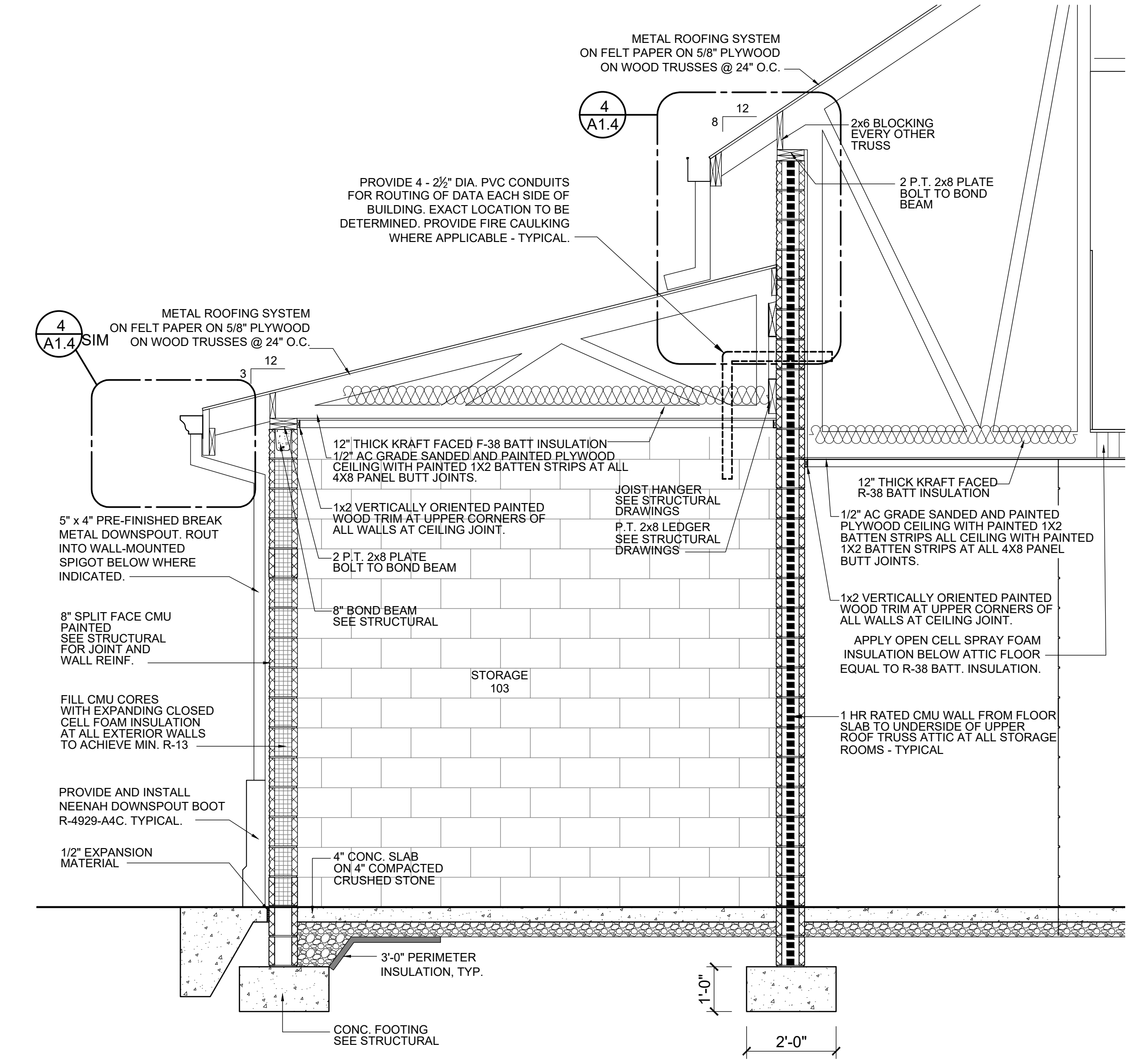
MONTGOMERY COUNTY
TENNESSEE
ATHLETIC COMPLEX AT STOKES FIELD
BUILDING SECTIONS - BUILDING #1



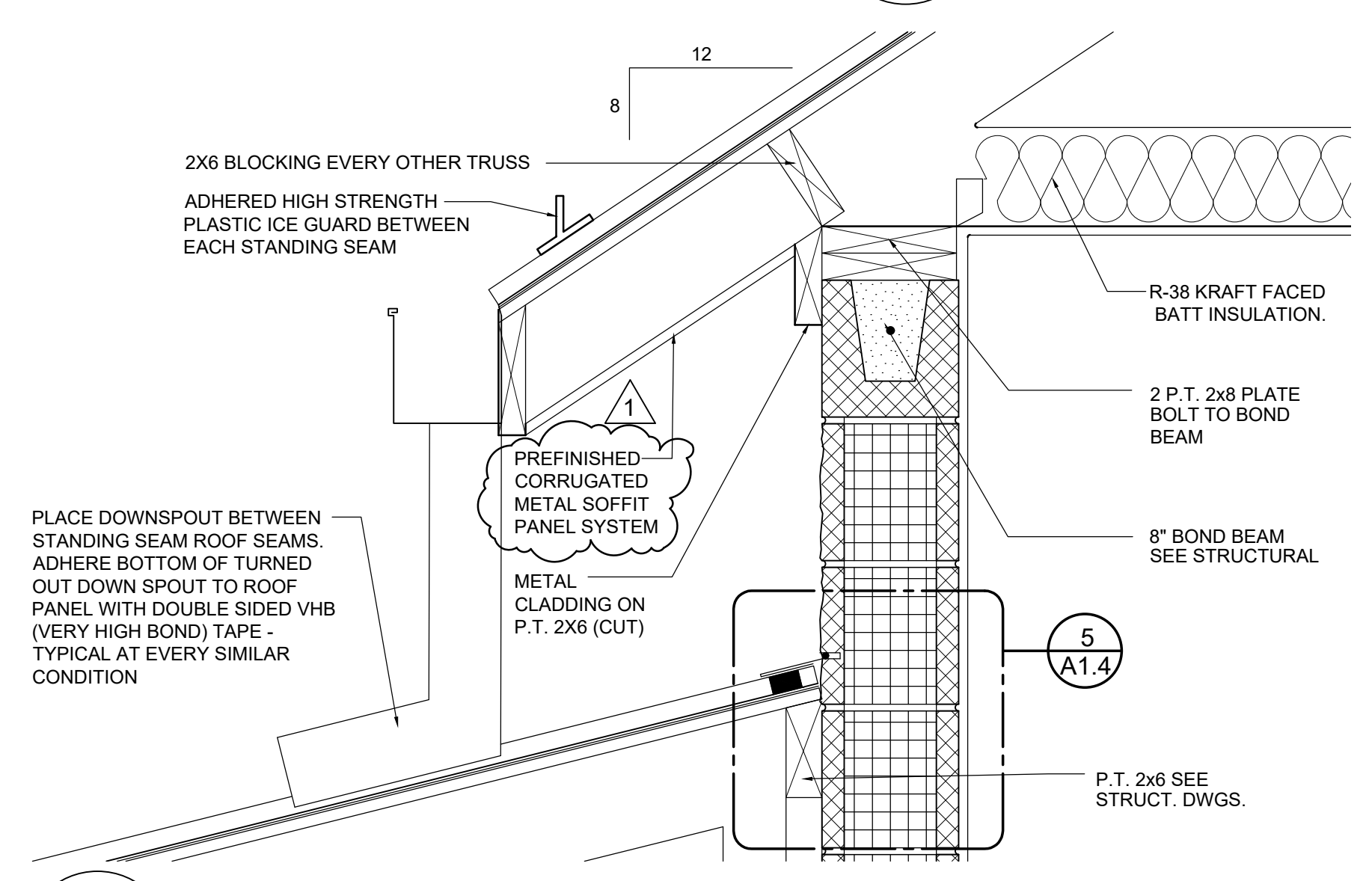
1
A1.4 BUILDING SECTION
BUILDING 1 SCALE 1/4"=1'-0"



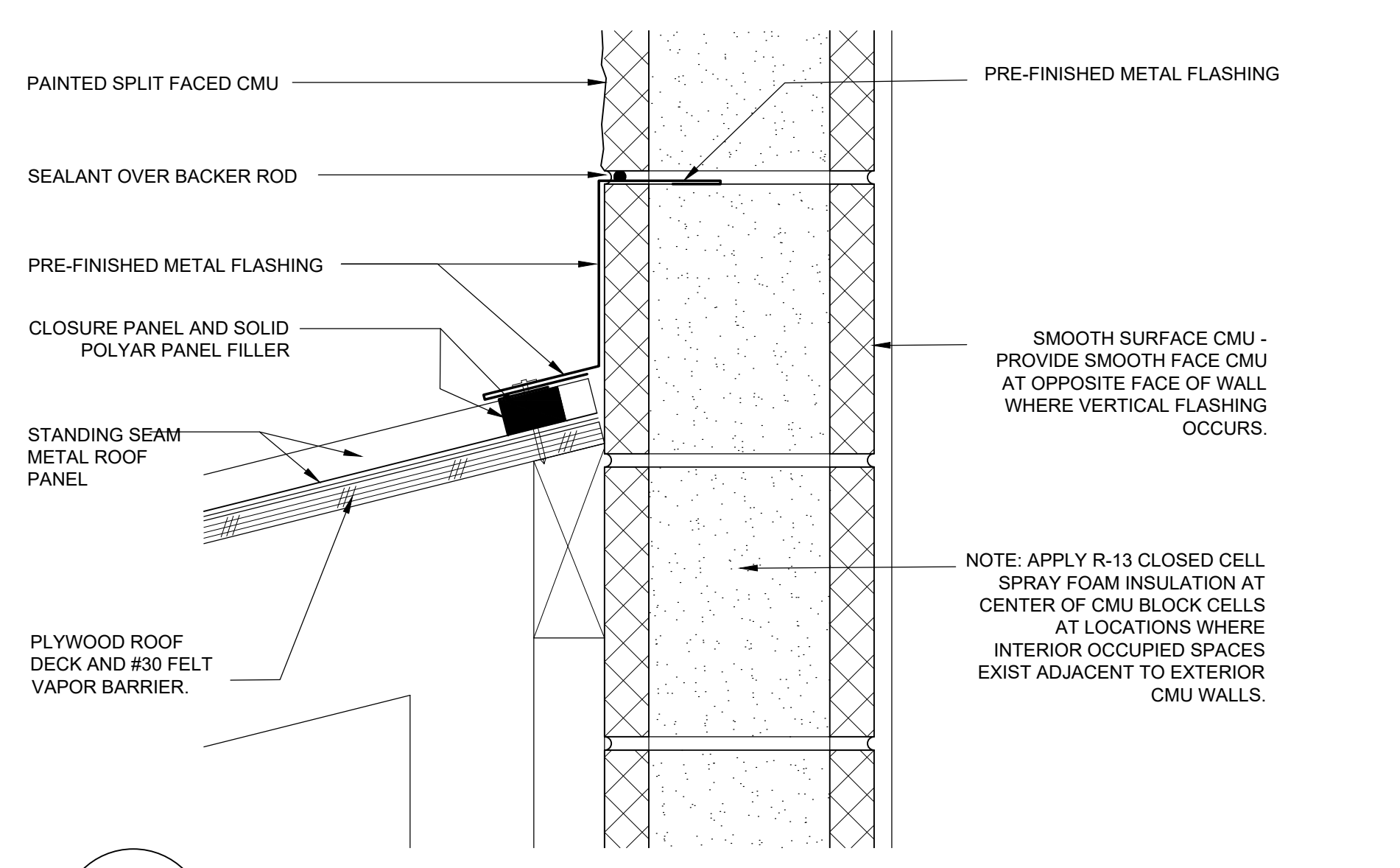
2
A1.4 BUILDING SECTION
BUILDING 1 SCALE 1/4"=1'-0"



3
A1.4 ENLARGED BUILDING SECTION
BUILDING 1 SCALE 1/2"=1'-0"

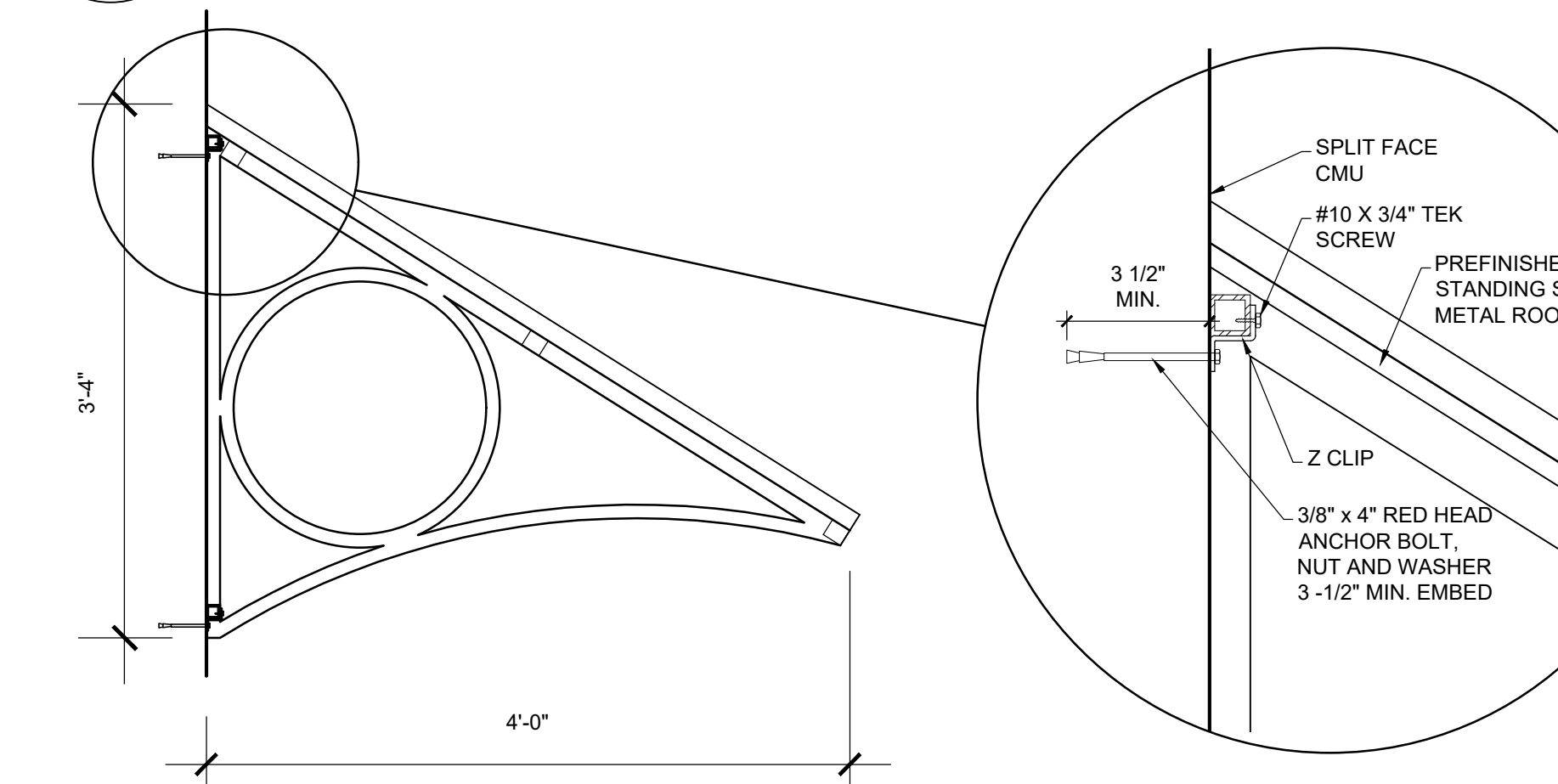


4
A1.4 BUILDING SECTION
BUILDING 1 SCALE 1-1/2"=1'-0"



5
A1.4 DETAIL
BUILDING 1 SCALE 3"=1'-0"

- ROOF TO MASONRY FLASHING JOIN NOTES**
- PRE-PLAN AND PRE-COORDINATE MASONRY WALL CONSTRUCTION WITH ROOFING ACTIVITIES TO ESTABLISH EXACT LOCATIONS OF FLASHINGS AGAINST MASONRY SURFACES AND FLASHING EMBEDS AT MASONRY JOINTS SUCH THAT VERTICAL METAL FLASHING PANELS ARE INSTALLED AGAINST SMOOTH SURFACE / NON-SPLIT FACE UNITS AT AND BELOW METAL FLASHING PENETRATION.
 - EMBED HORIZONTAL LEG OF METAL FLASHING PENETRATING CMU WALL AT NEAREST JOINT ABOVE TOP OF METAL ROOF PANEL UNLESS DIMENSION IS LESS THAN 3 INCHES.
 - FLASHING EMBED JOINTS SHALL BE AS VISUALLY AND TECHNICALLY CONSISTENT AS POSSIBLE THROUGHOUT THE PROJECT.
 - AT CONDITIONS WHERE SLOPED METAL ROOFS FLASH INTO SPLIT FACE MASONRY WALLS AND OR COLUMNS, PRE-PLAN DIAGONAL FLASHING EMBED JOINTS SUCH THAT SMOOTH SURFACE NON-SPLIT FACE MASONRY IS INSTALLED BELOW FLASHING EMBED AND SPLIT FACE ROUGH SURFACE MASONRY IS INSTALLED ABOVE EMBED.
 - CONTRACTOR SHALL SCHEDULE MANDATORY PRE-CONSTRUCTION CONFERENCE WITH ARCHITECT AND OWNER PRIOR TO MASONRY OR ROOFING ACTIVITIES.



6
A1.4 ENLARGED CANOPY SECTION
BUILDING 1 SCALE 1"=1'-0"

ISSUE DATE:	04/15/2024
PROJECT NO:	153651 / 1289.1
DRAWN BY:	BAM / CES
REVISIONS:	
1	04/30/2024
2	
3	
4	

- SB** ELECTRICAL SECONDARY JUNCTION/PULL BOX. PROVIDE BOLT ON TRAFFIC RATED COVER. INSTALL BOX FLUSH WITH GRADE. (QUAZITE PG2436BA30 WITH PG2436HA0017 BOX & LID OR EQUIVALENT.)
- SB1** ELECTRICAL SECONDARY JUNCTION/PULL BOX. PROVIDE BOLT ON TRAFFIC RATED COVER. INSTALL BOX FLUSH WITH GRADE. (QUAZITE PG4848BA48 WITH PG4848HA0012 BOX & LID OR EQUIVALENT.)

SPORTS LIGHTING POLE CONDUCTOR SCHEDULE		
POLE NO.	CIRCUIT NUMBER	CONDUCTOR SIZE/QUANTITY/CONDUIT
A3	HP1-1A-17,19	2#10,1#10 GND - 1" C.
A4	HP1-1A-25,27	2#8, 1#8 GND - 1" C.
A6	HP1-1A-2,4	2#10,1#10 GND - 1" C.
B3	HP1-1A-21,23	2#10,1#10 GND - 1" C.
B4	HP1-1A-29,31	2#8, 1#8 GND - 1" C.
B5	HP1-1A-6,8	2#8, 1#8 GND - 1" C.
B6	HP1-1A-10,12	2#8, 1#8 GND - 1" C.
F1	HP1-1A-14,16	2#10,1#10 GND - 1" C.
F2	HP1-1A-18,20	2#6, 1#6 GND - 1 1/2" C.
F3	HP1-1A-22,24	2#6, 1#6 GND - 1 1/2" C.
F4	HP1-1A-26,28	2#6, 1#6 GND - 1 1/2" C.
F7	FUTURE	PROVIDE 1 1/2" EMPTY CONDUIT
F8	FUTURE	PROVIDE 1 1/2" EMPTY CONDUIT
A1	HP1-1A-13,15	2#6,1#8 GND - 2 1/2" C.
A2	HP1-1A-1,3	2#8, 1#8 GND - 2 1/2" C.
B1	HP1-1A-5,7	2#6, 1#8 GND - 1" C.
B2	HP1-1A-37,39	2#8, 1#8 GND - 1" C.
C1	HP1-1A-9,11	2#8, 1#8 GND - 1" C.
C2	HP1-1A-42,44	2#8, 1#8 GND - 1" C.
D1	HP1-1A-33,35	2#6, 1#8 GND - 1" C.
D2	HP1-1A-46,48	2#8, 1#8 GND - 1" C.

POLES INDICATED ON FIELD 1 ARE PART OF AN ADD ALTERNATE AND THE CONTRACTOR IS TO PROVIDE ONLY THE CONDUIT INDICATED UNDER THE BASE BID

SHEET GENERAL NOTES

- A. ALL CIRCUITS CONNECTED TO PANEL 'HP1-1A' U.O.N.
- B. ALL SPORTS LIGHTING POLES/FIXTURES AND PARKING LOT POLES/FIXTURES WILL BE PURCHASED BY THE COUNTY AND BE INSTALLED BY THE ELECTRICAL CONTRACTOR. ALL LIGHT POLE BASES AND FOUNDATIONS ARE TO BE INCLUDED IN THE CONTRACTOR'S BASE BID. PARKING LOT FOUNDATIONS ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. SPORT FIELD PRE-CAST BASES WILL BE PURCHASED BY THE COUNTY AND PROVIDED TO THE CONTRACTOR FOR INSTALLATION. ALL OTHER INSTALLATION AND MATERIAL COST (CONCRETE, ETC.) TO BE PAID BY THE CONTRACTOR. THE ELECTRICAL CONTRACTOR SHALL COORDINATE WITH COUNTY, AND SHALL ACCEPT AND UNLOAD DELIVERY OF MATERIALS FROM THE MANUFACTURER.
- C. LIGHTING CONDUITS ARE TO BE ROUTED IN SAME TRENCH WITH POWER CONDUITS. COORDINATE REQUIRED LIGHTING CONDUITS AND INCLUDE IN QUANTITY OF POWER CIRCUITS INDICATED ON DRAWING ES1.2 TO DETERMINE TRENCH SIZE AND REQUIREMENTS.
- D. REFERENCE CIVIL DRAWINGS AND BID DOCUMENTS FOR LIST OF ADD ALTERNATES FOR THE PROJECT.

SHEET KEYED NOTES

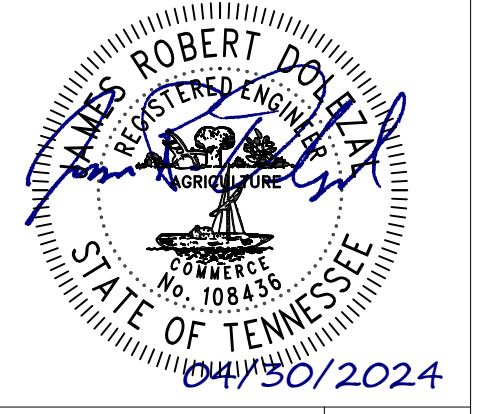
- ① 2#8, 1#8 GND. - 1" C.
- ② 2#10, 1#10 GND. - 1" C.
- ③ CONDUITS ROUTED BELOW MULTI-PURPOSE FIELD TO HAVE A MINIMUM BURIAL DEPTH OF 36 INCHES. PROVIDE ADDITIONAL 1 1/2" EMPTY CONDUIT BACK TO PANEL HP1-1A FOR FUTURE FIXTURES TO BE INSTALLED ON POLE FOR FIELD #5 LIGHT FIXTURES AND STUB CONDUIT OUT AT POLE BASE.
- ④ CONDUITS ROUTED BELOW MULTI-PURPOSE FIELD TO HAVE A MINIMUM BURIAL DEPTH OF 36 INCHES. PROVIDE 1 1/2" EMPTY CONDUIT WITH PULLSTRING BACK TO PANEL HP1-1A AND STUB CONDUIT OUT FOR FUTURE SPORTS LIGHTING POLE.
- ⑤ CONDUITS TERMINATE IN PANEL HP1-1. SEE PANEL SCHEDULES AND SPORTLIGHTING CIRCUIT SCHEDULE FOR CIRCUIT NUMBERS.
- ⑥ REFER TO SPORTS LIGHTING CIRCUIT SCHEDULE SHEET ES.2 FOR SIZE AND QUANTITY OF CONDUITS TO BE ROUTED IN TRENCH. (TYPICAL)
- ⑦ FIELD 1 POLE WITH "EF" FIXTURE TAG ARE EXISTING TO REMAIN.

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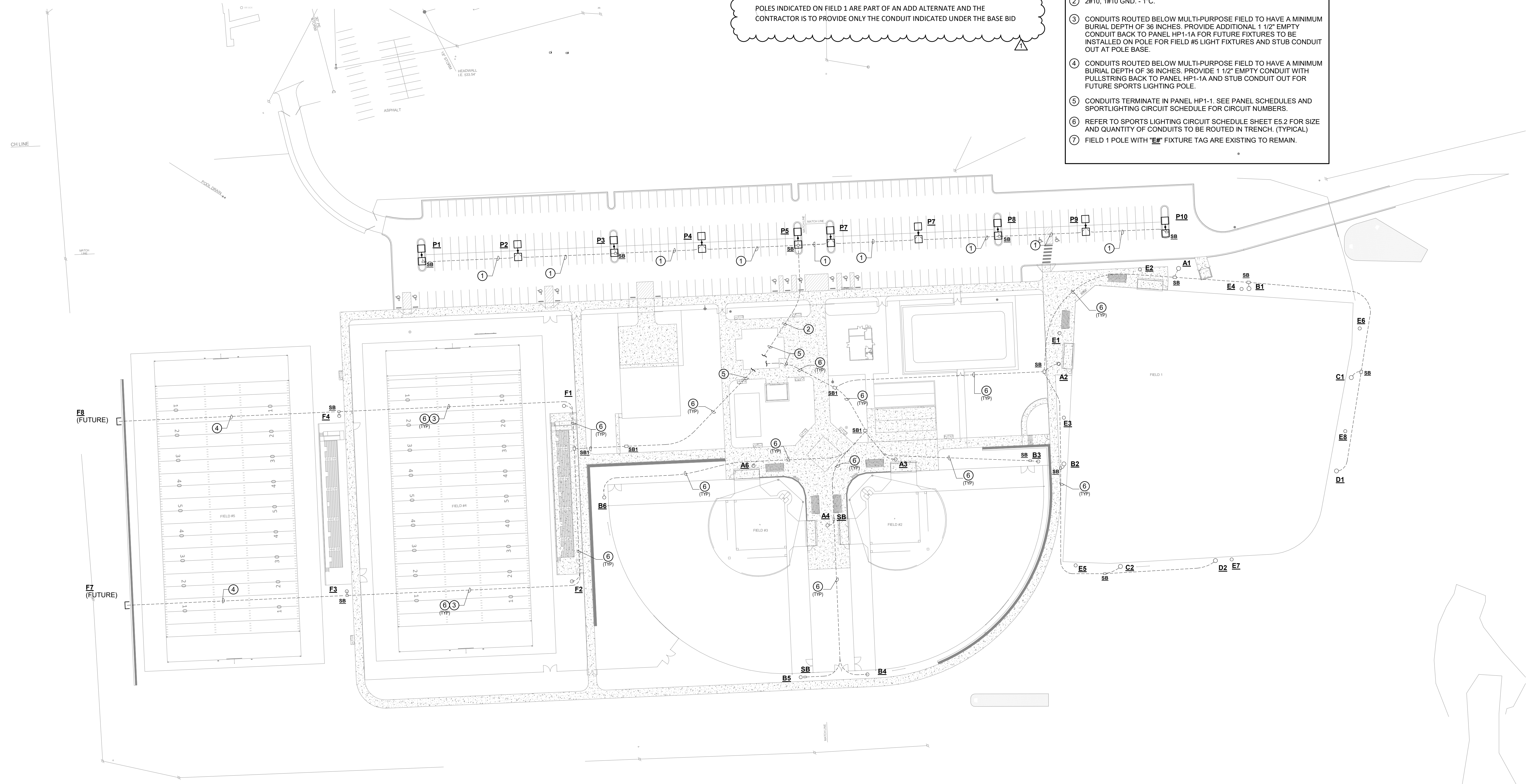


MONTGOMERY COUNTY
TENNESSEE
ATHLETIC COMPLEX AT STOKES FIELD
OVERALL ELECTRICAL LIGHTING SITE PLAN

ISSUE DATE:	04.15.2024
PROJECT NO:	19421280
DRAWN BY:	SSR
REVISIONS:	① 04/30/2024 ADDENDUM #1

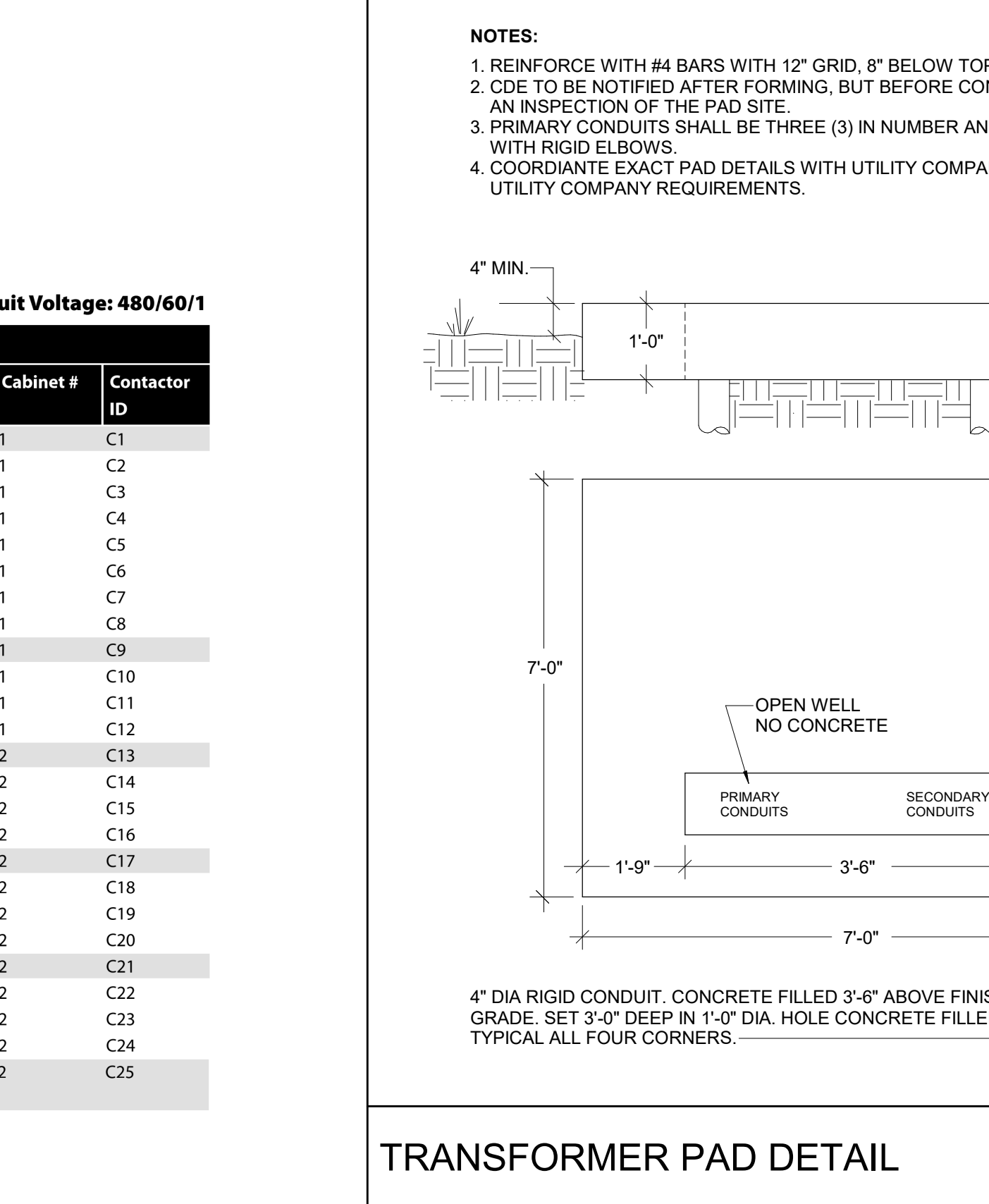
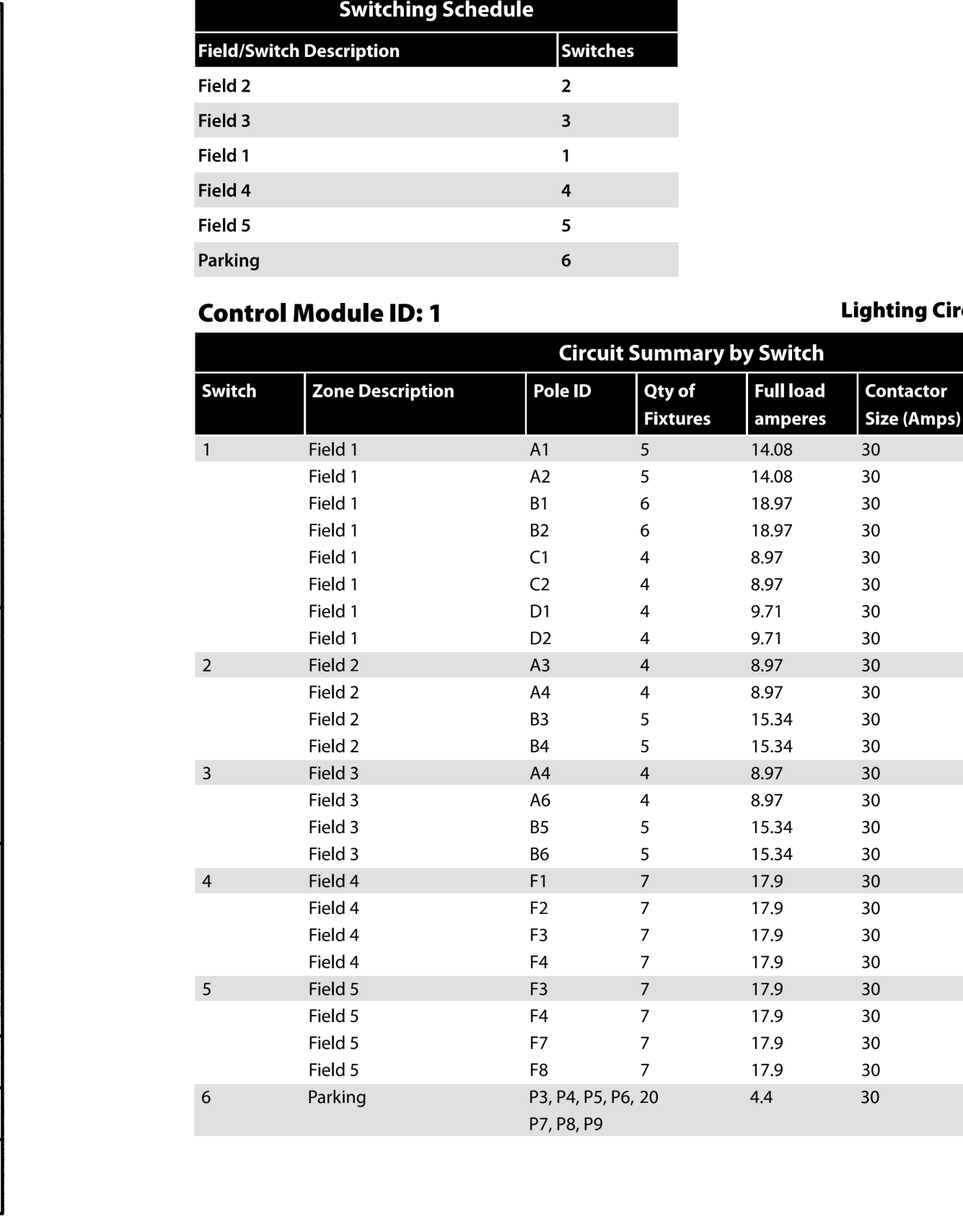
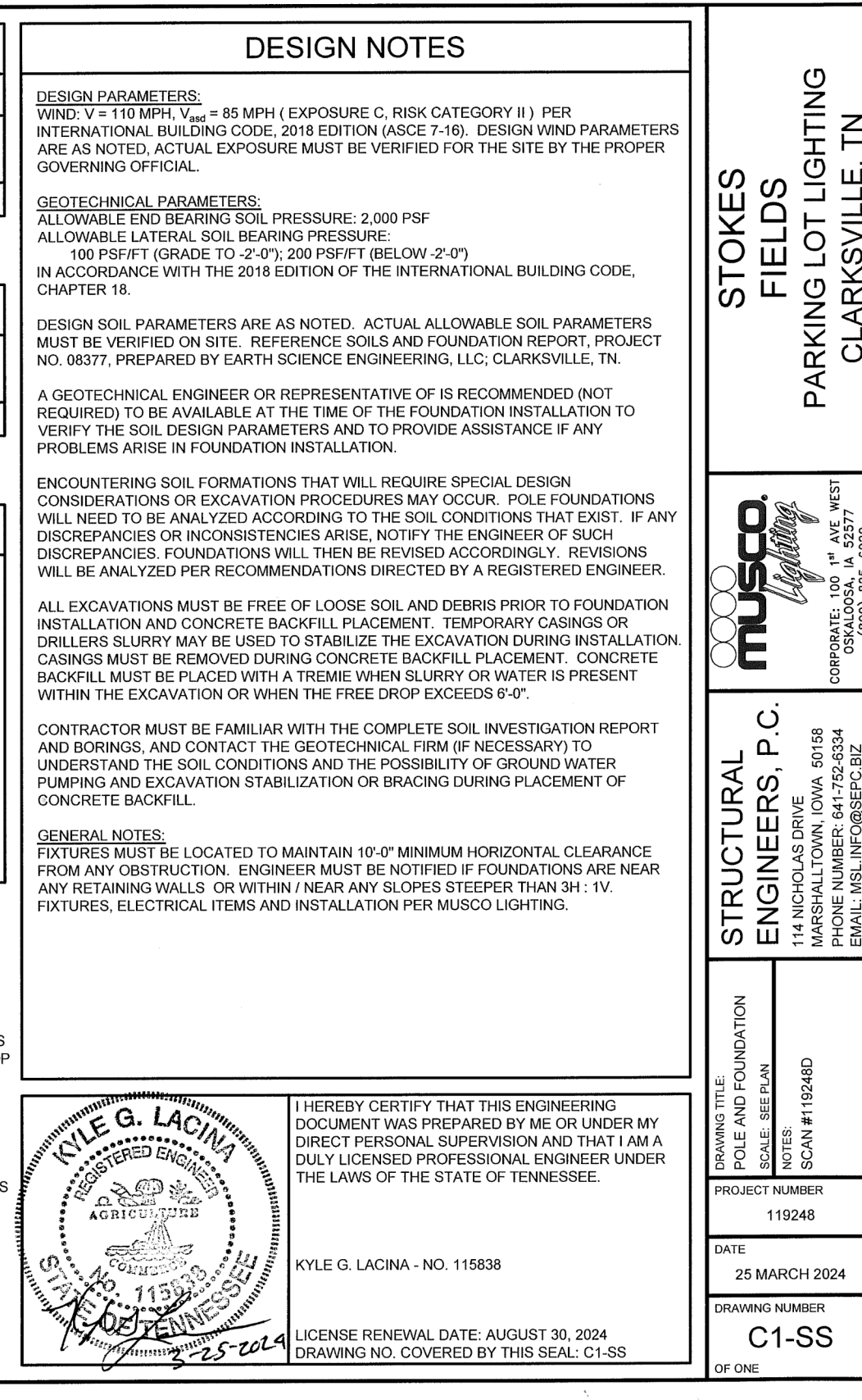
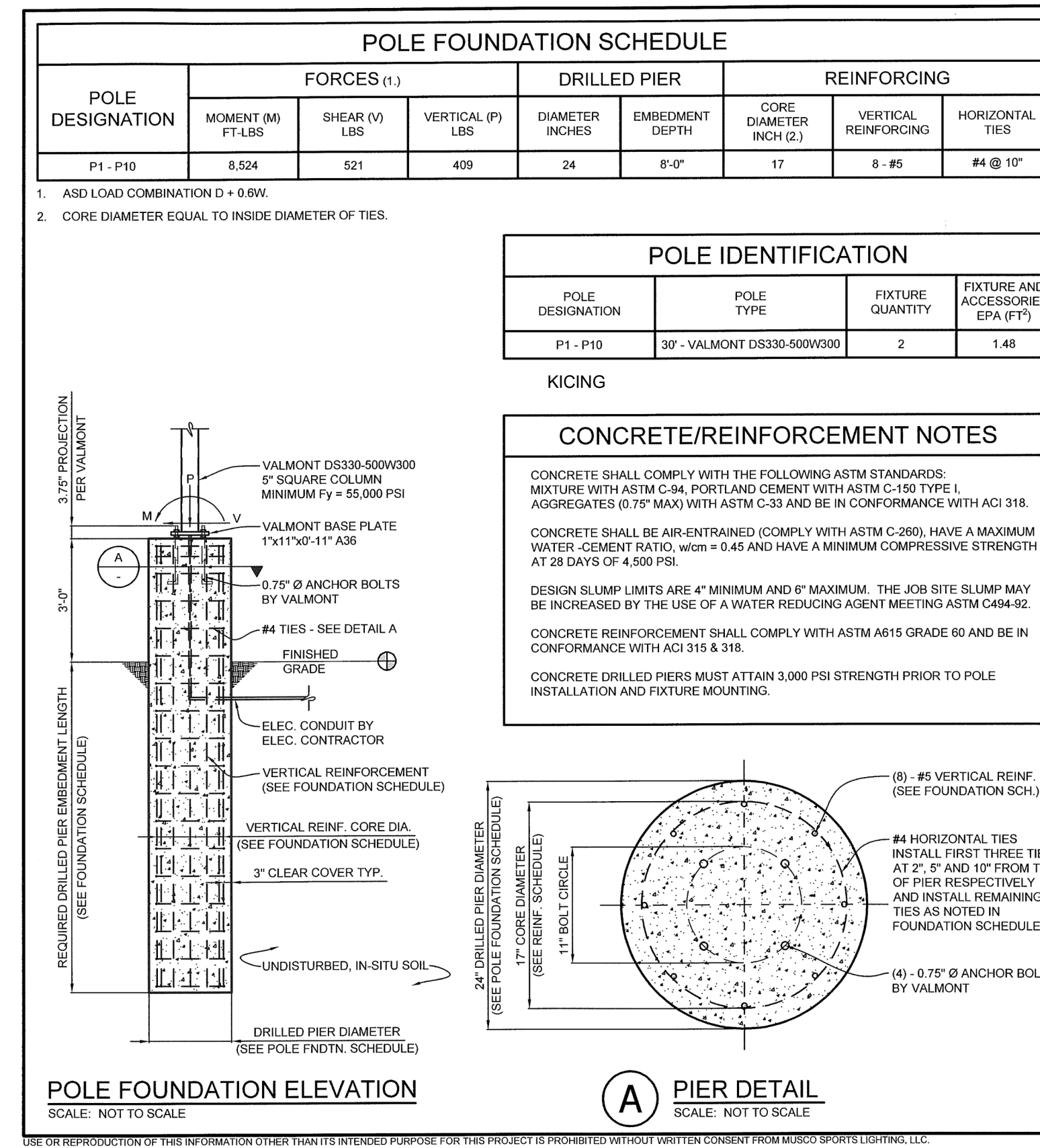
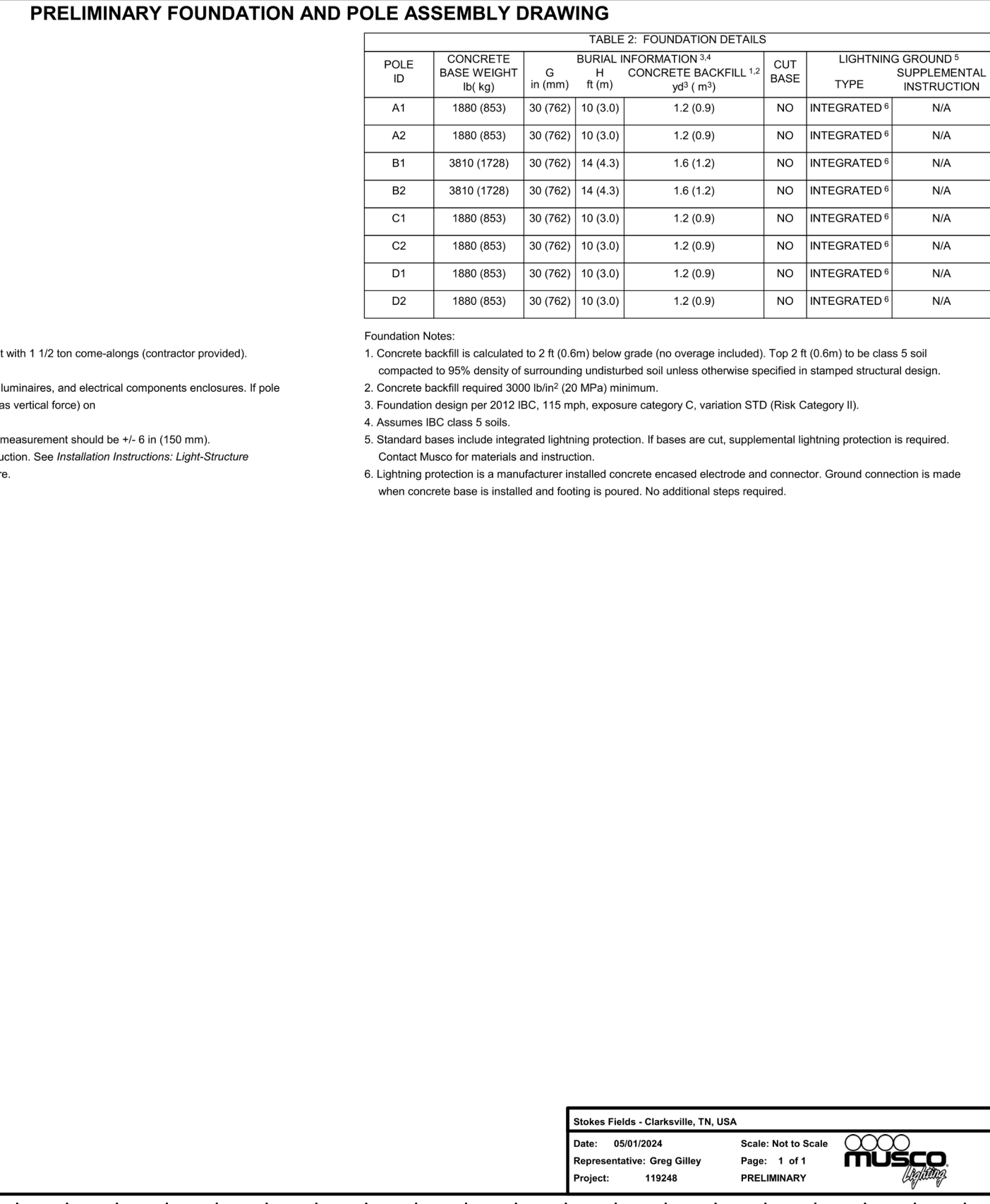
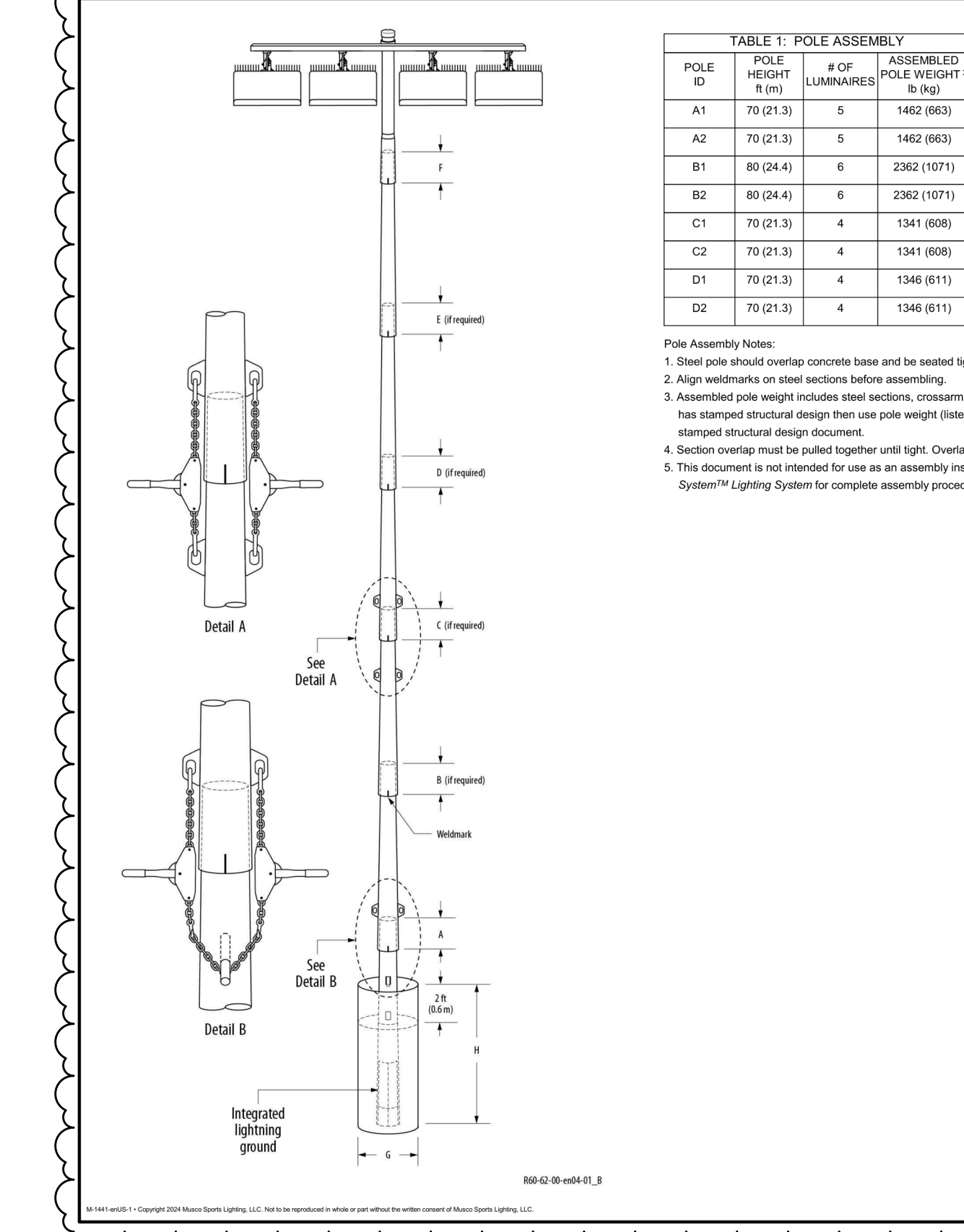
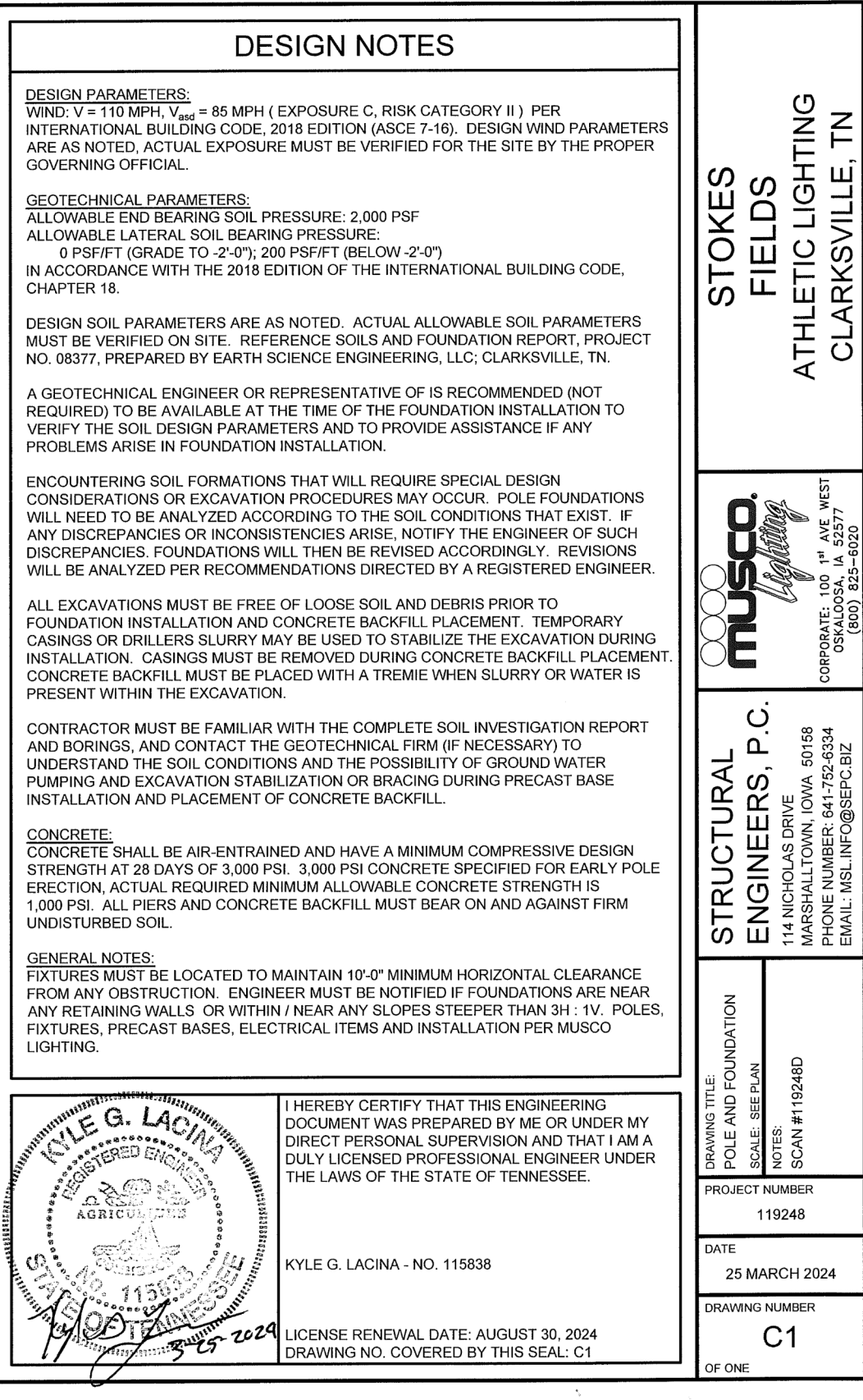
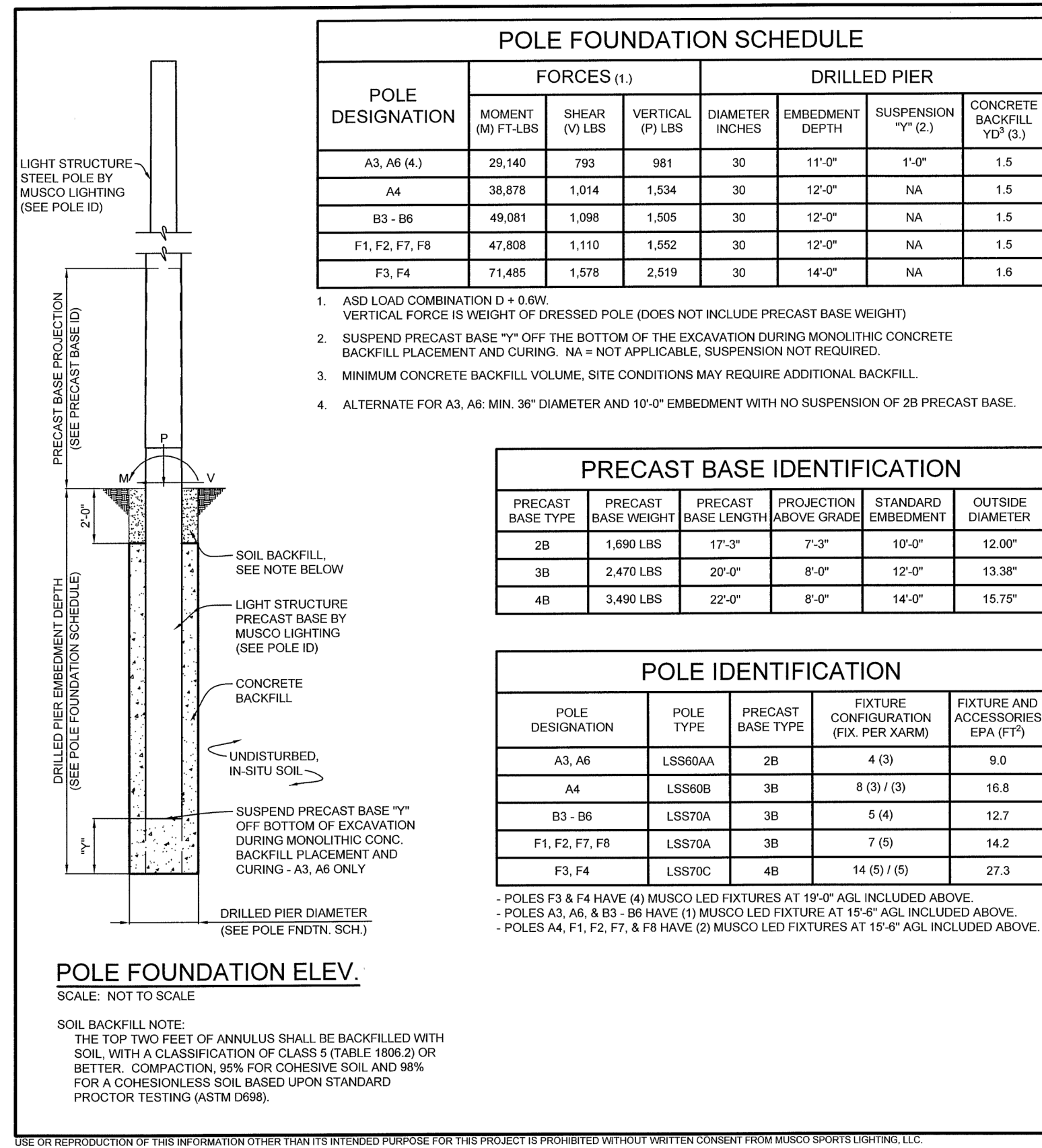
ES1.1

SHEET NO.



1 ELECTRICAL LIGHTING SITE PLAN
 1" = 60'-0"

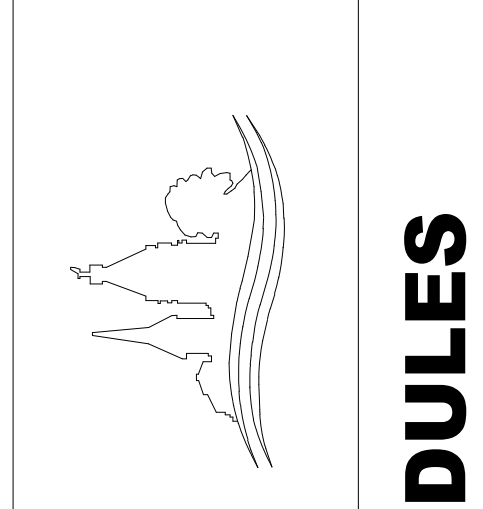
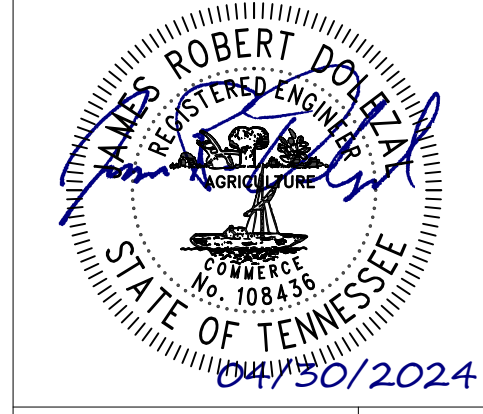
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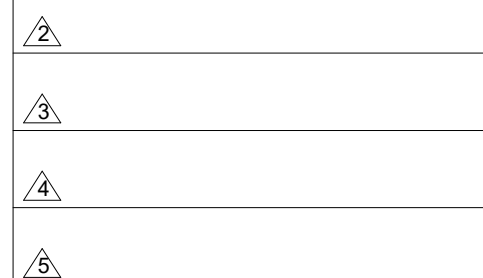
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**MONTGOMERY COUNTY
TENNESSEE**
ATHLETIC COMPLEX AT STOKES FIELD
ELECTRICAL - DETAILS/SCHEDULES

ISSUE DATE: 04.15.2024
PROJECT NO: 19421280
DRAWN BY: SSR
REVISIONS:
04/30/2024 ADDENDUM #1



E5.2
SHEET NO.