

**SECTION 00 9112
ADDENDUM NUMBER 2**

PARTICULARS

1.01 DATE: 9/04/2024

1.02 PROJECT: PROPOSED DESIGN FOR WOONSOCKET ANIMAL SHELTER

1.03 OWNER'S PROJECT NUMBER 6266

1.04 OWNER: CITY OF WOONSOCKET

1.05 ARCHITECT: ED WOJCIK ARCHITECT, LTD.

TO: PROSPECTIVE BIDDERS:

2.01 THIS ADDENDUM FORMS A PART OF THE CONTRACT DOCUMENTS AND MODIFIES THE ORIGINAL PROCUREMENT DOCUMENTS DATED 8/14/2024, WITH AMENDMENTS AND ADDITIONS NOTED BELOW.

2.02 ACKNOWLEDGE RECEIPT OF THIS ADDENDUM IN THE SPACE PROVIDED IN THE BID FORM. FAILURE TO DO SO MAY DISQUALIFY THE BIDDER.

2.03 THIS ADDENDUM CONSISTS OF 2 PAGES AND THE FOLLOWING ADDED DRAWINGS AND SPECIFICATION SECTIONS :

- A. Sheet E-3.0 Electrical Site Plan, Sheet E-3.1 Electrical Site Details
- B. SK-A01 Precast Sill Detail
- C. SK- A02 Entry Post Detail
- D. Specification Section 01 2100 Allowances
- E. Specification Section 084313 Aluminum Framed Storefronts
- F. Specification Section 08 8000 Glazing

2.04 CLARIFICATIONS: BIDDERS QUESTIONS

- A. Anticipated Start Date: ASAP. Most likely within two months of bid submission.
- B. Completion Date: ASAP. Consideration will be taken into account of proposed completion dates in bid.
- C. Proposed Budget: WND.
- D. Strike Item 12.4 in General Contract Terms and Provisions. There are no liquidated damages in this project.
- E. There is no third party OPM in this project. There will be representation by City personnel and the Architect.
- F. There is no MBE requirement.
- G. All appliances and equipment furnished and installed by Owner.
- H. Alternate # 2 shall include loam, seed and crushed stone
- I. **Site Clarifications:**
 - 1. There are no known contaminated soils on the site.
 - 2. Soil management and HASP plan not required.
 - 3. There are no known underground tanks on the site.
 - 4. No restrictions due to railroad. Gas line install responsibility of the gas company.
 - 5. Sewer connection fees by Owner.
 - 6. Excess soils from excavations to be stockpiled on site.
- J. **Building Clarifications:**
 - 1. In Lieu of masonry band depicted on building, contrasting CMU color shall be provided for first 4 CMU courses from grade.
 - 2. Masonry quoins depicted at corners to be eliminated.

3. CMU- At exterior walls of building (perimeter) 8"x8"x16" HIGH R thermal block, Polished face at exterior, interior face standard (painted). Kennel dividing walls 6" x8" x 16" painted CMU. See specifications for additional details.
4. See SK-1 attached for pre-cast sills detail.
5. See SK-2 attached for front columns detail.
6. EPDM roofing shall run up vertical walls of sloped roof and terminate under coping.
7. Standing seam metal roof to have pitch changed to 2/12 slope. Standing seam metal to have minimum 2" high seam with sealant.
8. Section 07 2500 Weather Barriers specification to be eliminated.
9. Kennel Dog pass thru door listed on door schedule. Sheet A-8 (at bottom), 18 are required. Door is surface mounted to CMU.
10. Aluminum window frames shall be caulked to CMU. At walls with FRP Panels, FRP shall return to window frame at jambs and sills.
11. All Azek trim to be painted (White)
12. Gypsum board not required at underside of roof joists. Where gypsum ceilings are called for on the finish schedule, they shall be suspended as a "chicago type" ceiling system.
13. Trench drain manufacturer and type located on Sheet P2.0 Floor Drain Schedule. interior trench drains to be tied into sewer line exiting building. Exterior trench drains at kennels to be tied into storm drainage lines.

CHANGES TO THE PROJECT MANUAL - INTRODUCTORY REQUIREMENTS, PROCUREMENT REQUIREMENTS AND CONTRACTING REQUIREMENTS:

3.01 SECTION 00 0110 - TABLE OF CONTENTS

- A. Add Section 08 4313 Aluminum Framed Storefronts
- B. Add Section 08 8000 Glazing

END OF SECTION

**SECTION 01 2100
ALLOWANCES**

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Cash allowances.

1.02 CASH ALLOWANCES

- A. Costs Included in Cash Allowances: Cost of product to Contractor or subcontractor, less applicable trade discounts.

1.03 INSPECTING AND TESTING ALLOWANCES

- A. Costs Included in Inspecting and Testing Allowances: Cost of engaging an inspecting or testing agency; execution of inspecting and tests; and reporting results.

1.04 ALLOWANCES SCHEDULE

A. PROJECT ALLOWANCES

1. Section 01 5000 - TEMPORARY FACILITIES AND CONTROLS: Include the stipulated sum of \$30,000 for winter conditions.
2. Section 2600-1.26C Utility Company and Agency Coordination: Include the stipulated sum of \$25,000 for Utility Company Expenses for Power & Gas.
3. Section Municipal Fees: Include the stipulated sum of \$5,000 for Fire prevention review fees and state ADA fees.
4. Section 312316-Excavation: Include the stipulated sum of \$30,000 for encountered concrete foundations during excavation. Price includes removal and disposal of concrete ..

PART 2 PRODUCTS - NOT USED

PART 3 EXECUTION - NOT USED

END OF SECTION

**SECTION 08 4313
ALUMINUM-FRAMED STOREFRONTS**

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Aluminum-framed storefront, with vision glass.

1.02 REFERENCE STANDARDS

- A. AAMA CW-10 - Care and Handling of Architectural Aluminum From Shop to Site; 2015.
- B. AAMA 2605 - Voluntary Specification, Performance Requirements and Test Procedures for Superior Performing Organic Coatings on Aluminum Extrusions and Panels; 2013.
- C. ASCE 7 - Minimum Design Loads for Buildings and Other Structures; 2010, with 2013 Supplements and Errata.
- D. ASTM B221 - Standard Specification for Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes; 2014.
- E. ASTM B221M - Standard Specification for Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes [Metric]; 2013.
- F. ASTM E283/E283M - Standard Test Method for Determining Rate of Air Leakage Through Exterior Windows, Skylights, Curtain Walls, and Doors Under Specified Pressure Differences Across the Specimen; 2019.
- G. ASTM E330/E330M - Standard Test Method for Structural Performance of Exterior Windows, Doors, Skylights and Curtain Walls by Uniform Static Air Pressure Difference; 2014.

1.03 SUBMITTALS

- A. See Section 01 3000 - Administrative Requirements for submittal procedures.
- B. Product Data: Provide component dimensions, describe components within assembly, anchorage and fasteners, glass and infill, and internal drainage details.
- C. Shop Drawings: Indicate system dimensions, framed opening requirements and tolerances, affected related work, expansion and contraction joint location and details, and field welding required.

1.04 DELIVERY, STORAGE, AND HANDLING

- A. Handle products of this section in accordance with AAMA CW-10.
- B. Protect finished aluminum surfaces with wrapping. Do not use adhesive papers or sprayed coatings that bond to aluminum when exposed to sunlight or weather.

1.05 WARRANTY

- A. See Section 01 7800 - Closeout Submittals for additional warranty requirements.
- B. Provide five year manufacturer warranty against failure of glass seal on insulating glass units, including interpane dusting or misting. Include provision for replacement of failed units.
- C. Provide five year manufacturer warranty against excessive degradation of exterior finish. Include provision for replacement of units with excessive fading, chalking, or flaking.

PART 2 PRODUCTS

2.01 MANUFACTURERS

- A. Aluminum-Framed Storefronts:
 - 1. Kawneer North America: www.kawneer.com/#sle.
 - 2. Oldcastle BuildingEnvelope: www.oldcastlebe.com/#sle.
 - 3. YKK AP America, Inc: www.ykkap.com/commercial/#sle.
 - 4. Substitutions: See Section 01 6000 - Product Requirements.

2.02 BASIS OF DESIGN -- FRAMING FOR INSULATING GLAZING

- A. Center-Set Style, Thermally-Broken:

1. Vertical Mullion Dimensions: 2 inches wide by 4-1/2 inches deep.

2.03 ALUMINUM-FRAMED STOREFRONT

- A. Aluminum-Framed Storefront: Factory fabricated, factory finished aluminum framing members with infill, and related flashings, anchorage and attachment devices.
 1. Finish: Superior performing organic coatings.
 - a. Factory finish all surfaces that will be exposed in completed assemblies.
 - b. Touch-up surfaces cut during fabrication so that no natural aluminum is visible in completed assemblies, including joint edges.
 2. Fabrication: Joints and corners flush, hairline, and weatherproof, accurately fitted and secured; prepared to receive anchors and hardware; fasteners and attachments concealed from view; reinforced as required for imposed loads.
 3. Construction: Eliminate noises caused by wind and thermal movement, prevent vibration harmonics, and prevent "stack effect" in internal spaces.
 4. System Internal Drainage: Drain to the exterior by means of a weep drainage network any water entering joints, condensation occurring in glazing channel, and migrating moisture occurring within system.
 5. Expansion/Contraction: Provide for expansion and contraction within system components caused by cycling temperature range of 170 degrees F over a 12 hour period without causing detrimental effect to system components, anchorages, and other building elements.
 6. Movement: Allow for movement between storefront and adjacent construction, without damage to components or deterioration of seals.
 7. Perimeter Clearance: Minimize space between framing members and adjacent construction while allowing expected movement.
- B. Performance Requirements
 1. Wind Loads: Design and size components to withstand the specified load requirements without damage or permanent set, when tested in accordance with ASTM E330/E330M, using loads 1.5 times the design wind loads and 10 second duration of maximum load.
 - a. Design Wind Loads: Comply with requirements of ASCE 7.
 - b. Member Deflection: Limit member deflection to flexure limit of glass in any direction, with full recovery of glazing materials.
 2. Air Leakage: 0.06 cfm/sq ft maximum leakage of storefront wall area when tested in accordance with ASTM E283/E283M at 1.57 psf pressure difference.

2.04 COMPONENTS

- A. Aluminum Framing Members: Tubular aluminum sections, thermally broken with interior section insulated from exterior, drainage holes and internal weep drainage system.
 1. Glazing Stops: Flush.
- B. Glazing: See Section 08 8000.

2.05 MATERIALS

- A. Extruded Aluminum: ASTM B221 (ASTM B221M).
- B. Fasteners: Stainless steel.
- C. Glazing Gaskets: Type to suit application to achieve weather, moisture, and air infiltration requirements.

2.06 FINISHES

- A. Superior Performing Organic Coatings System: Manufacturer's standard multi-coat superior performing organic coatings system complying with AAMA 2605, including at least 70 percent polyvinylidene fluoride (PVDF) resin, and at least 80 percent of aluminum extrusion and panels surfaces having minimum total dry film thickness (DFT) of 1.2 mils, 0.0012 inch.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Verify dimensions, tolerances, and method of attachment with other work.

- B. Verify that storefront wall openings and adjoining water-resistive and/or air barrier seal materials are ready to receive work of this section.

3.02 INSTALLATION

- A. Install wall system in accordance with manufacturer's instructions.
- B. Attach to structure to permit sufficient adjustment to accommodate construction tolerances and other irregularities.
- C. Provide alignment attachments and shims to permanently fasten system to building structure.
- D. Align assembly plumb and level, free of warp or twist. Maintain assembly dimensional tolerances, aligning with adjacent work.
- E. Provide thermal isolation where components penetrate or disrupt building insulation.
- F. Install sill flashings. Turn up ends and edges; seal to adjacent work to form water tight dam.
- G. Where fasteners penetrate sill flashings, make watertight by seating and sealing fastener heads to sill flashing.
- H. Pack fibrous insulation in shim spaces at perimeter of assembly to maintain continuity of thermal barrier.
- I. Touch-up minor damage to factory applied finish; replace components that cannot be satisfactorily repaired.

3.03 CLEANING

- A. Remove protective material from pre-finished aluminum surfaces.
- B. Wash down surfaces with a solution of mild detergent in warm water, applied with soft, clean wiping cloths, and take care to remove dirt from corners and to wipe surfaces clean.

END OF SECTION

**SECTION 08 8000
GLAZING**

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Insulating glass units.

1.02 REFERENCE STANDARDS

- A. ASCE 7 - Minimum Design Loads for Buildings and Other Structures; 2010, with 2013 Supplements and Errata.
- B. ASTM C1036 - Standard Specification for Flat Glass; 2011.
- C. ASTM C1048 - Standard Specification for Heat-Strengthened and Fully Tempered Flat Glass; 2012.
- D. ASTM C1193 - Standard Guide for Use of Joint Sealants; 2013.
- E. ASTM C1376 - Standard Specification for Pyrolytic and Vacuum Deposition Coatings on Flat Glass; 2015.
- F. ASTM E1300 - Standard Practice for Determining Load Resistance of Glass in Buildings; 2012a.
- G. ASTM E2190 - Standard Specification for Insulating Glass Unit Performance and Evaluation; 2010.
- H. GANA (SM) - GANA Sealant Manual; 2008.
- I. NFRC 100 - Procedure for Determining Fenestration Product U-factors; 2014.
- J. NFRC 200 - Procedure for Determining Fenestration Product Solar Heat Gain Coefficient and Visible Transmittance at Normal Incidence; 2014.
- K. NFRC 300 - Test Method for Determining the Solar Optical Properties of Glazing Materials and Systems; 2014.

1.03 SUBMITTALS

- A. See Section 01 3000 - Administrative Requirements for submittal procedures.
- B. Product Data on Insulating Glass Unit Glazing Types: Provide structural, physical and environmental characteristics, size limitations, special handling and installation requirements.
- C. Warranty Documentation: Submit manufacturer warranty and ensure that forms have been completed in Owner's name and registered with manufacturer.

1.04 QUALITY ASSURANCE

- A. Installer Qualifications: Company specializing in performing work of the type specified and with at least three years documented experience.

1.05 WARRANTY

- A. See Section 01 7800 - Closeout Submittals for additional warranty requirements.
- B. Insulating Glass Units: Provide a ten (10) year manufacturer warranty to include coverage for seal failure, interpane dusting or misting, including providing products to replace failed units.

PART 2 PRODUCTS

2.01 PERFORMANCE REQUIREMENTS - EXTERIOR GLAZING ASSEMBLIES

- A. Provide type and thickness of exterior glazing assemblies to support assembly dead loads, and to withstand live loads caused by positive and negative wind pressure acting normal to plane of glass.
 - 1. Design Pressure: Calculated in accordance with ASCE 7.
 - 2. Comply with ASTM E1300 for design load resistance of glass type, thickness, dimensions, and maximum lateral deflection of supported glass.

3. Provide glass edge support system sufficiently stiff to limit the lateral deflection of supported glass edges to less than $1/175$ of their lengths under specified design load.
 4. Glass thicknesses listed are minimum.
- B. Weather-Resistive Barrier Seals: Provide completed assemblies that maintain continuity of building enclosure water-resistive barrier, vapor retarder, and/or air barrier.
1. In conjunction with weather barrier related materials described in other sections, as follows:
- C. Thermal and Optical Performance: Provide exterior glazing products with performance properties as indicated. Performance properties are in accordance with manufacturer's published data as determined with the following procedures and/or test methods:
1. Center of Glass U-Value: Comply with NFRC 100 using Lawrence Berkeley National Laboratory (LBNL) WINDOW 6.3 computer program.
 2. Center of Glass Solar Heat Gain Coefficient (SHGC): Comply with NFRC 200 using Lawrence Berkeley National Laboratory (LBNL) WINDOW 6.3 computer program.
 3. Solar Optical Properties: Comply with NFRC 300 test method.

2.02 GLASS MATERIALS

- A. Float Glass: Provide float glass based glazing unless otherwise indicated.
1. Annealed Type: ASTM C1036, Type I - Transparent Flat, Class 1 - Clear, Quality - Q3.
 2. Kind FT - Fully Tempered Type: Complies with ASTM C1048.

2.03 INSULATING GLASS UNITS

- A. Insulating Glass Units: Types as indicated.
1. Durability: Certified by an independent testing agency to comply with ASTM E2190.
 2. Coated Glass: Comply with requirements of ASTM C1376 for pyrolytic (hard-coat) or magnetic sputter vapor deposition (soft-coat) type coatings on flat glass; coated vision glass, Kind CV; coated overhead glass, Kind CO; or coated spandrel glass, Kind CS.
 3. Spacer Color: Black.
 4. Edge Seal:
 5. Color: Black.
 6. Purge interpane space with dry air, hermetically sealed.
- B. Type IG-1 - Insulating Glass Units: Vision glass, double glazed.
1. Applications: Exterior glazing unless otherwise indicated. Also used for interior glazing as specified for acoustics.
 2. Space between lites filled with air.
 3. Outboard Lite: Annealed float glass, 1/4 inch thick, minimum.
 - a. Tint: Clear.
 - b. Coating: Low-E (passive type), on #2 surface.
 4. Inboard Lite: Fully tempered float glass, 1/4 inch thick, minimum.
 - a. Tint: Clear.
 5. Total Thickness: 1 inch.
 6. Thermal Transmittance (U-Value), Summer - Center of Glass: .45, nominal.
 7. Solar Heat Gain Coefficient (SHGC): .38, nominal.

PART 3 EXECUTION

3.01 VERIFICATION OF CONDITIONS

- A. Verify that openings for glazing are correctly sized and within tolerances, including those for size, squareness, and offsets at corners.
- B. Verify that surfaces of glazing channels or recesses are clean, free of obstructions that may impede moisture movement, weeps are clear, and support framing is ready to receive glazing system.

3.02 PREPARATION

- A. Clean contact surfaces with appropriate solvent and wipe dry within maximum of 24 hours before glazing. Remove coatings that are not tightly bonded to substrates.

- B. Seal porous glazing channels or recesses with substrate compatible primer or sealer.
- C. Prime surfaces scheduled to receive sealant where required for proper sealant adhesion.

3.03 INSTALLATION, GENERAL

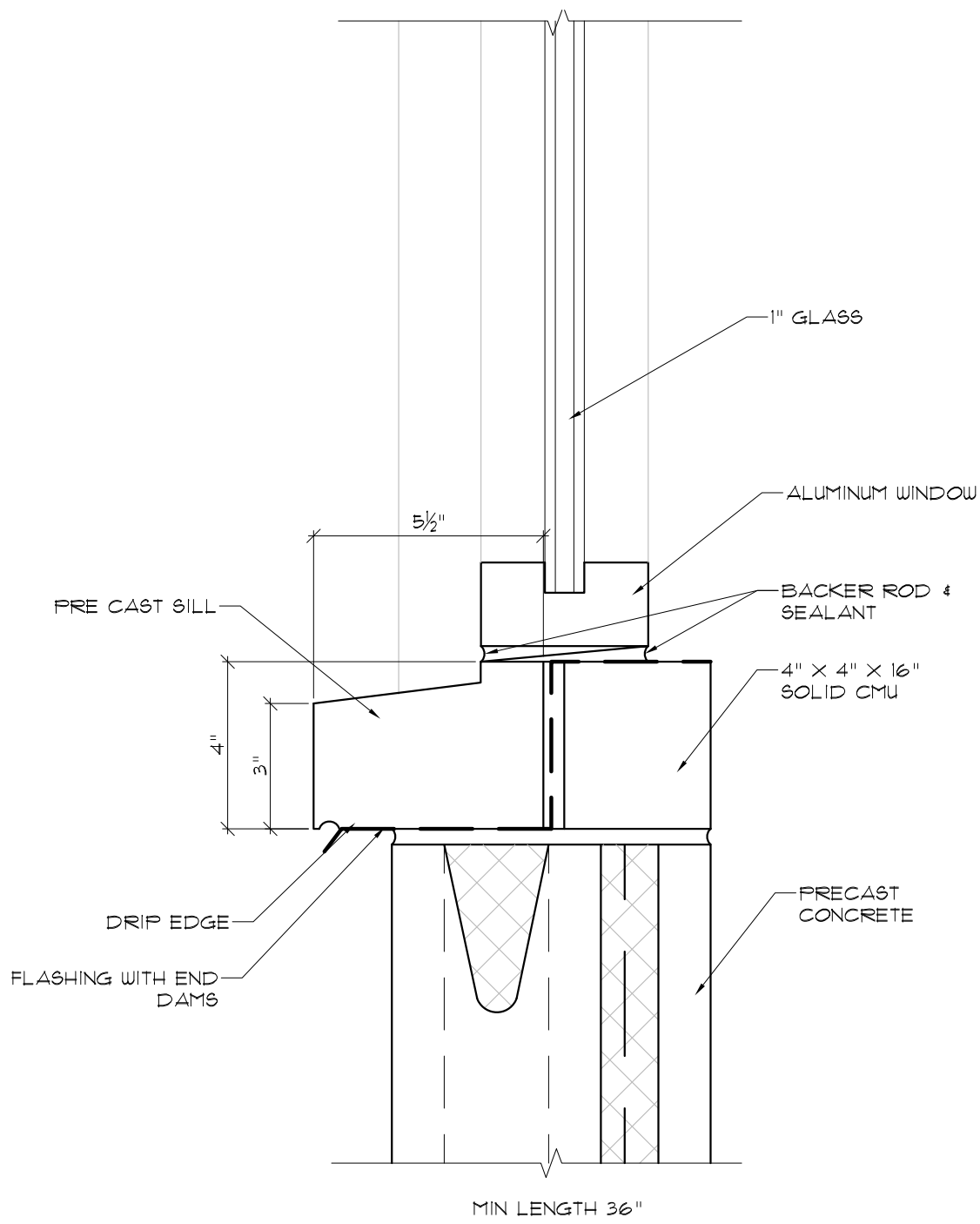
- A. Install glazing in compliance with written instructions of glass, gaskets, and other glazing material manufacturers, unless more stringent requirements are indicated, including those in glazing referenced standards.
- B. Install glazing sealants in accordance with ASTM C1193, GANA (SM), and manufacturer's instructions.

3.04 CLEANING

- A. See Section 01 7419 - Construction Waste Management and Disposal, for additional requirements.
- B. Remove excess glazing materials from finish surfaces immediately after application using solvents or cleaners recommended by manufacturers.
- C. Remove nonpermanent labels immediately after glazing installation is complete.
- D. Clean glass and adjacent surfaces after sealants are fully cured.
- E. Clean glass on both exposed surfaces not more than 4 days prior to Date of Substantial Completion in accordance with glass manufacturer's written recommendations.

END OF SECTION

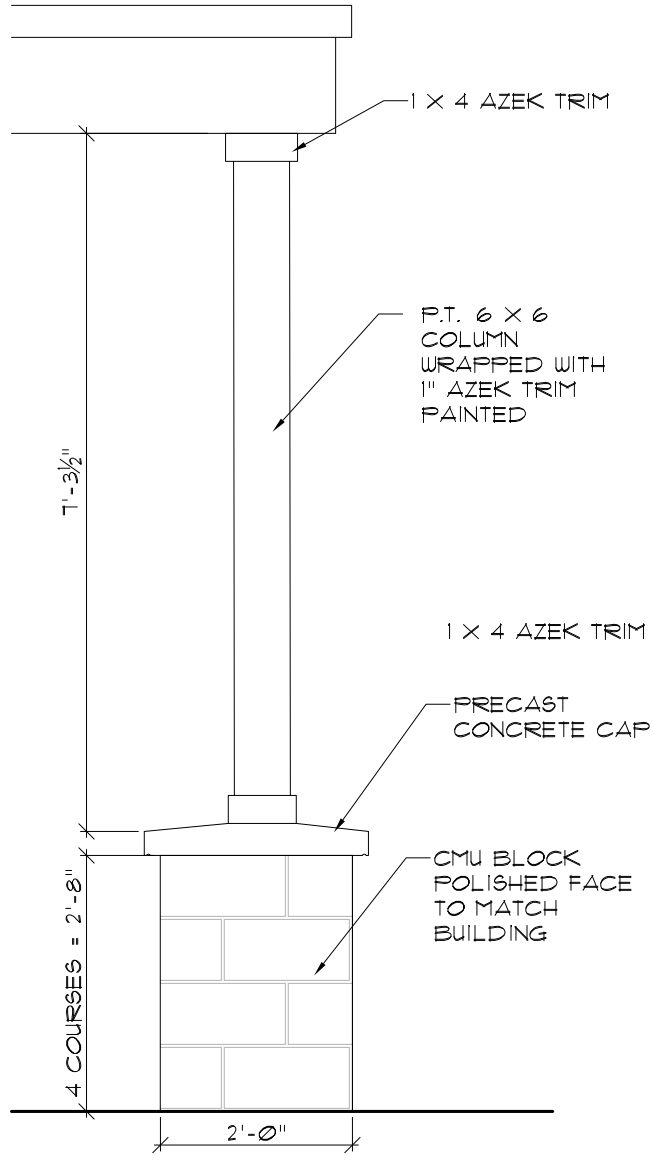
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SILL DETAIL

1 3" = 1'-0"

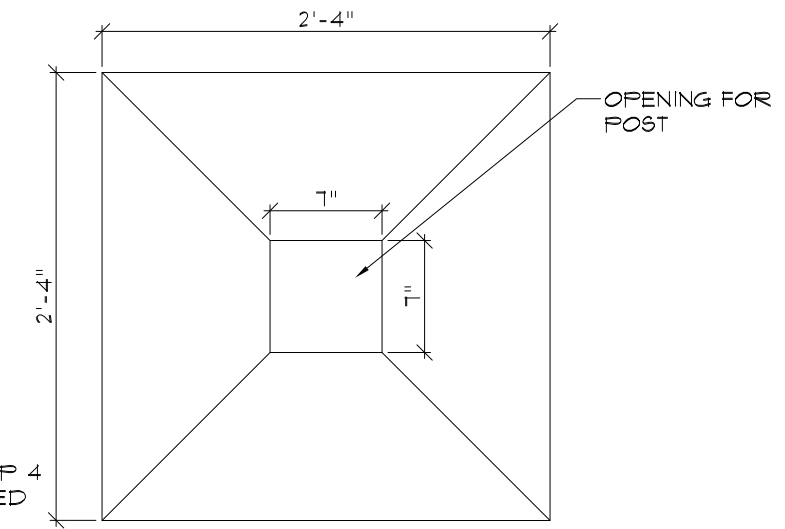
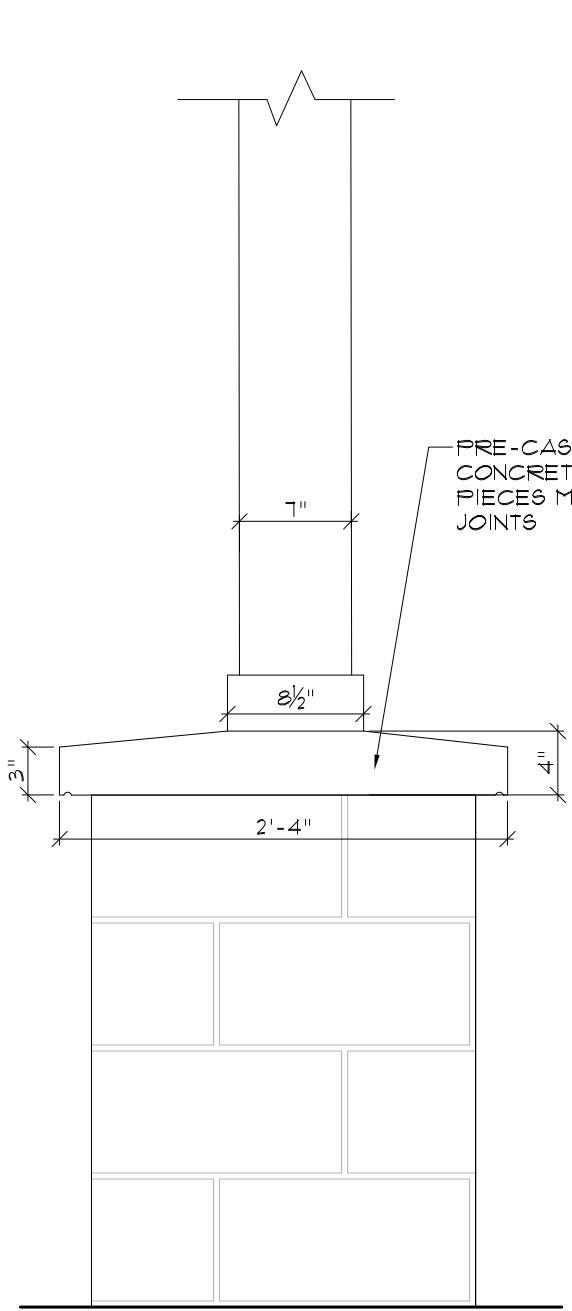
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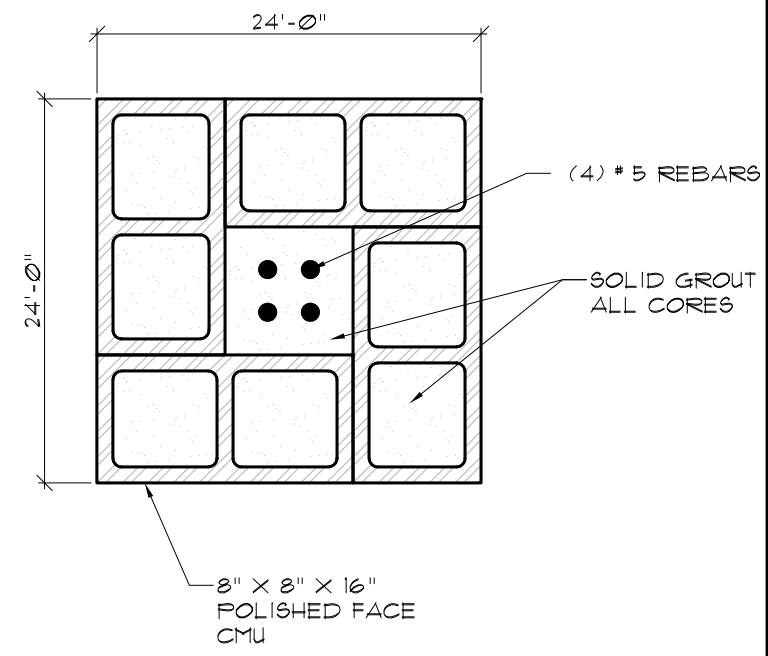
ENTRY COLUMN

1 1/2" = 1'-0"

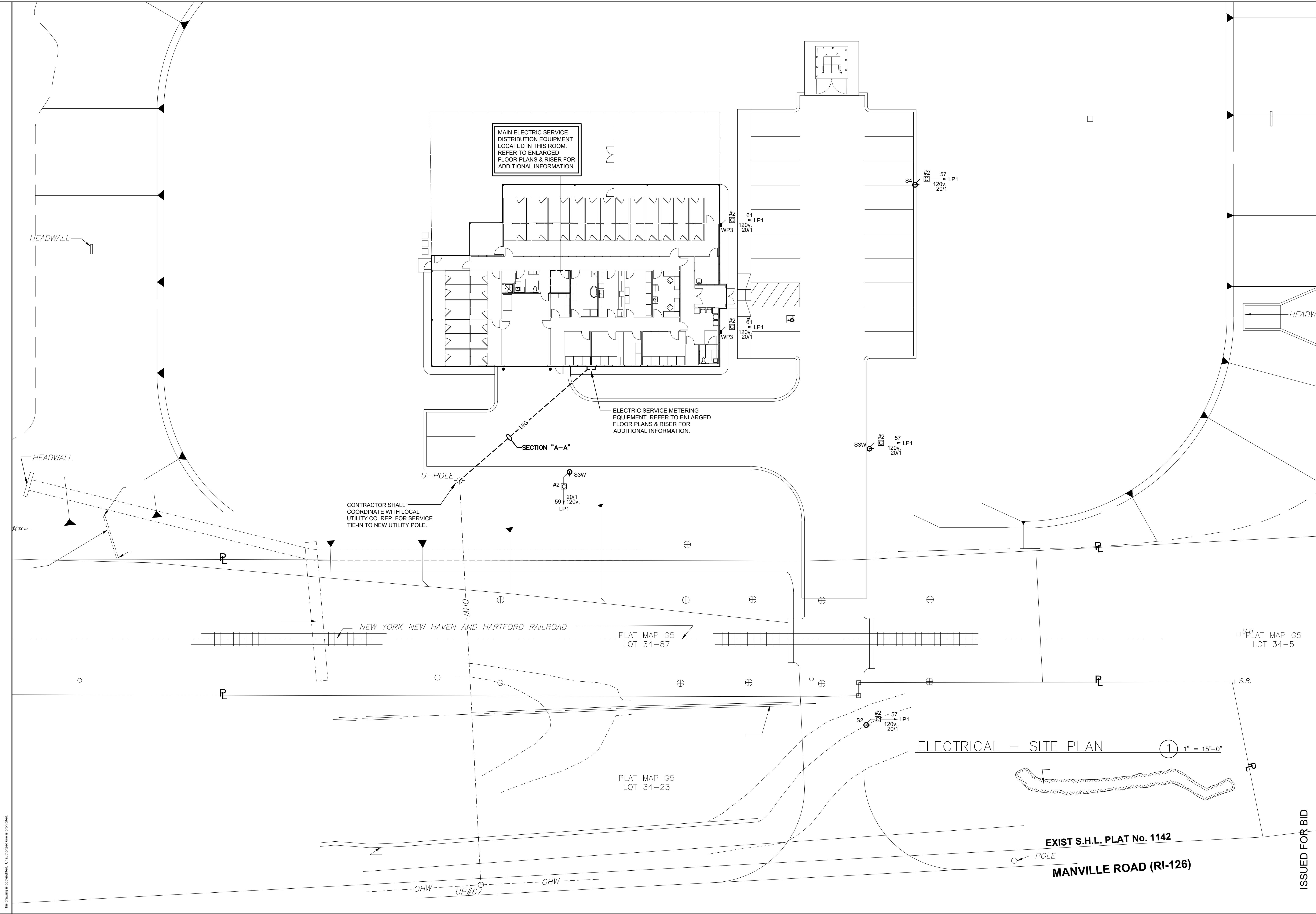
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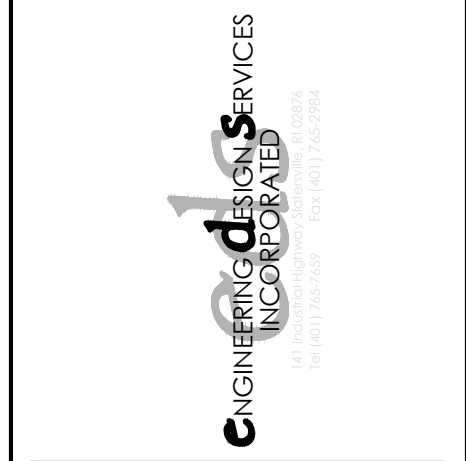
CAP PLAN (1) 1" = 1'-0"



PIER ELEV. (2) **PIER SECTION** (3) 1" = 1'-0"



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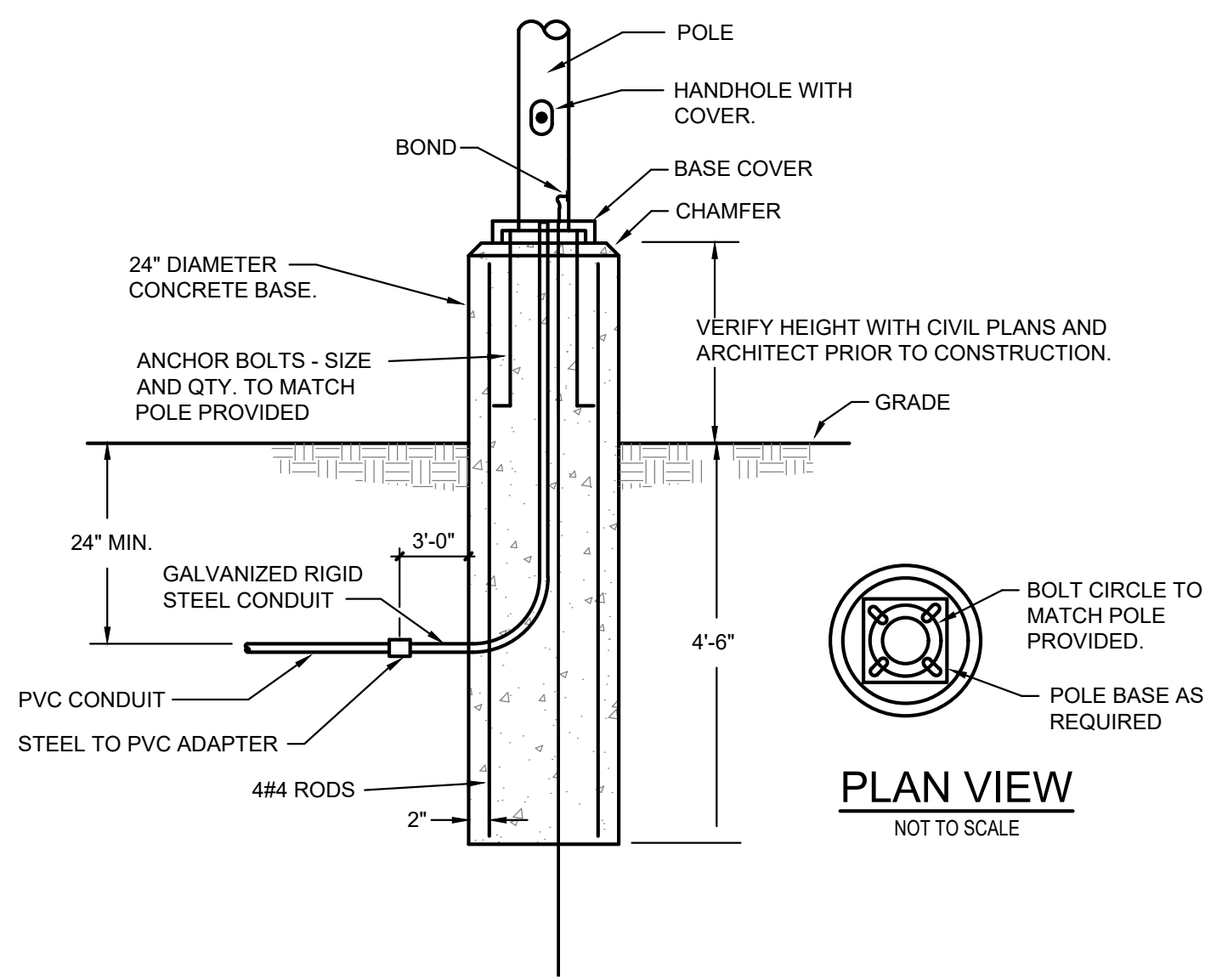


SHEET CONTENTS:
 Electrical -
 Site Plan

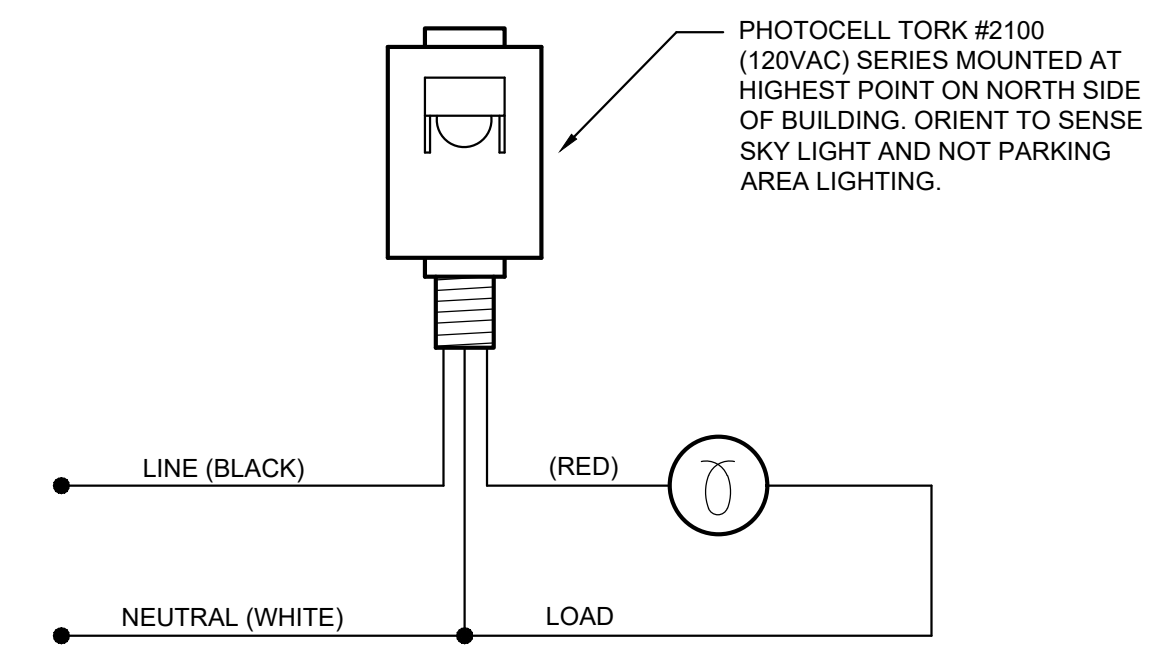
PROJECT #: 0724
 DATE: 08/09/2024
 REVISED DATE:

E3.0

ISSUED FOR BID



TYPICAL POLE BASE DETAIL
NOT TO SCALE



**SITE LIGHTING CONTROL DIAGRAM
PHOTOCELL ONLY**
NOT TO SCALE

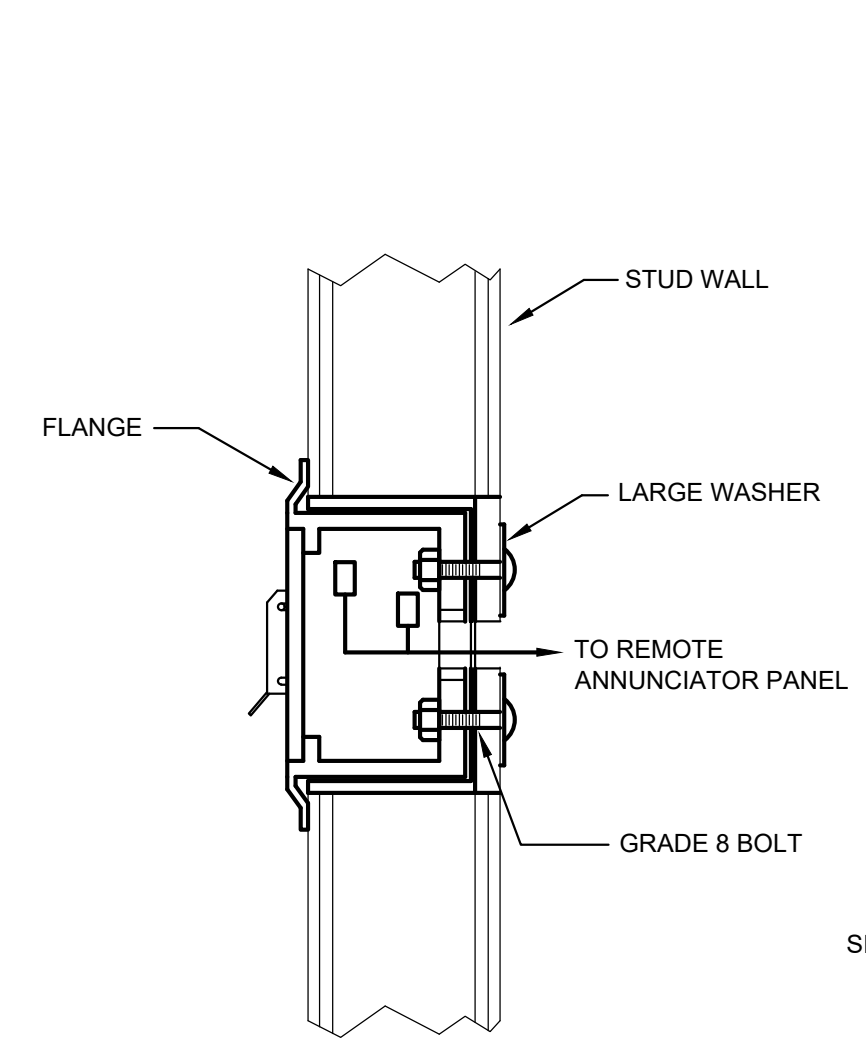
- NOTES:**
1. PROVIDE MOUNTING BRACKET AS REQUIRED. (TYPICAL)
 2. THIS DIAGRAM SHALL APPLY TO EXTERIOR DOOR ENTRY LIGHTING FIXTURES.

| EXTERIOR LIGHTING FIXTURE SCHEDULE | | | | | | | | |
|------------------------------------|--------------|-----------------------------|----------|---------|---------|----------|-------|--|
| TYPE | MANUFACTURER | CATALOG No. | MOUNTING | LAMPING | | | VOLT. | DESCRIPTION / REMARKS |
| | | | | TYPE | WATTAGE | QUANTITY | | |
| WP3 | STONCO | LPW16-20-WW-G3-3-UNV-FINISH | WALL | LED | 22.3 | - | 120 | WALL MOUNTED SITE LIGHTING FIXTURE, 8.5' ABOVE FINISHED GRADE. |
| S2 | HADCO | CXF4-48-G3-A-x-2-730-A-3-N | POLE | LED | 54 | - | 120 | SITE LIGHTING FIXTURE. PROVIDE WITH 25'-0" STEEL POLE. |
| S3W | HADCO | CXF4-48-G3-A-x-3W-730-A-5-N | POLE | LED | 80 | - | 120 | SITE LIGHTING FIXTURE. PROVIDE WITH 25'-0" STEEL POLE. |
| S4 | HADCO | CXF4-48-G3-A-x-4-730-A-5-N | POLE | LED | 80 | - | 120 | SITE LIGHTING FIXTURE. PROVIDE WITH 25'-0" STEEL POLE. |

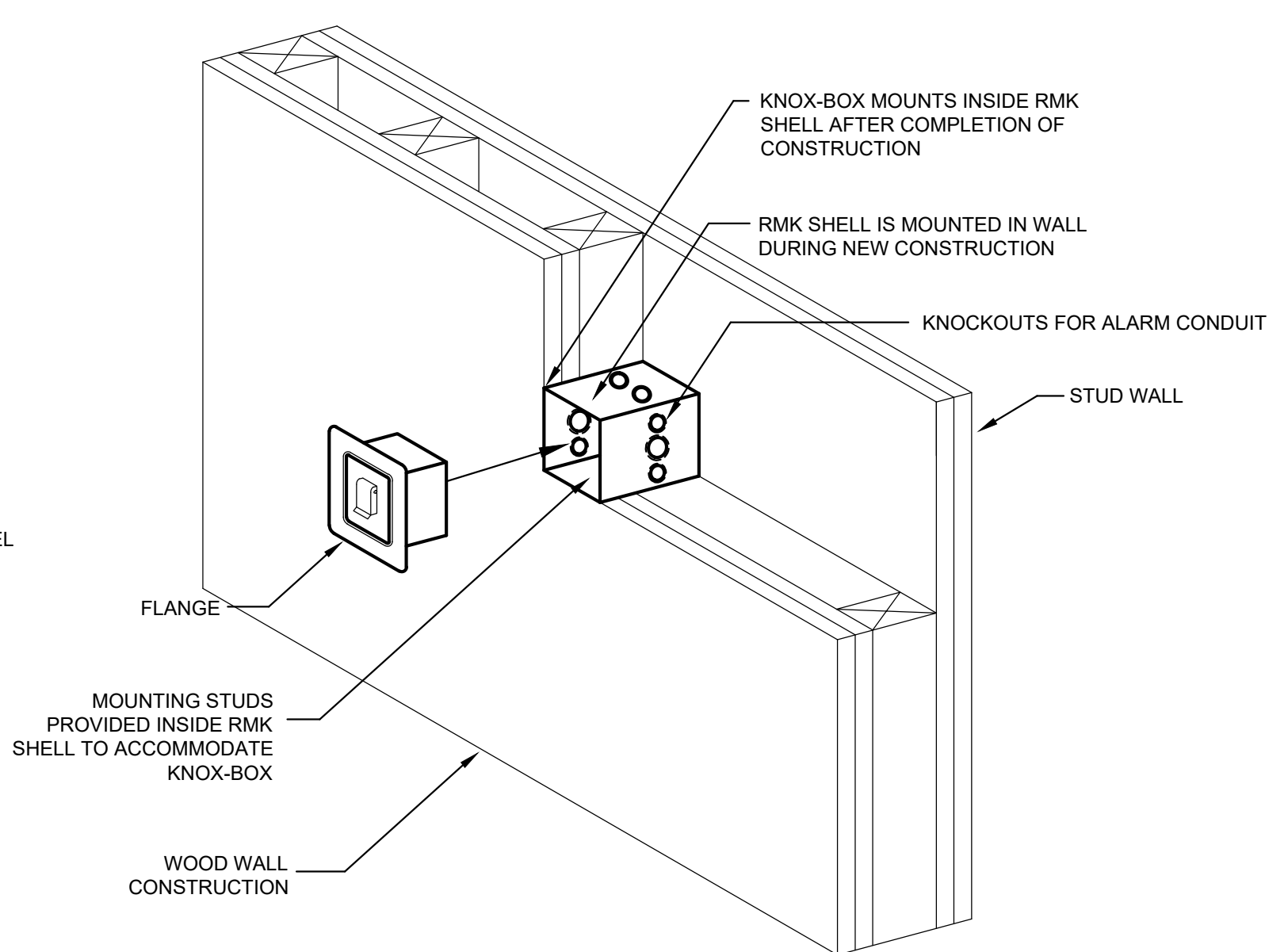
NOTES:

1. ALL FLUORESCENT LAMPS AND BALLASTS SHALL COMPLY WITH NATIONAL GRID SUPER T8 INCENTIVABLE.
2. ALL PENDANT MOUNTED LIGHTING FIXTURES SHALL BE COORDINATED CEILING HEIGHTS AND ARCHITECT FOR PROPER HEIGHT OF THE BOTTOM OF THE FIXTURES
3. ALL LIGHTING FIXTURES SHALL BE PROVIDED WITH MATCHING KELVIN TEMPERATURE OF (3500K.)

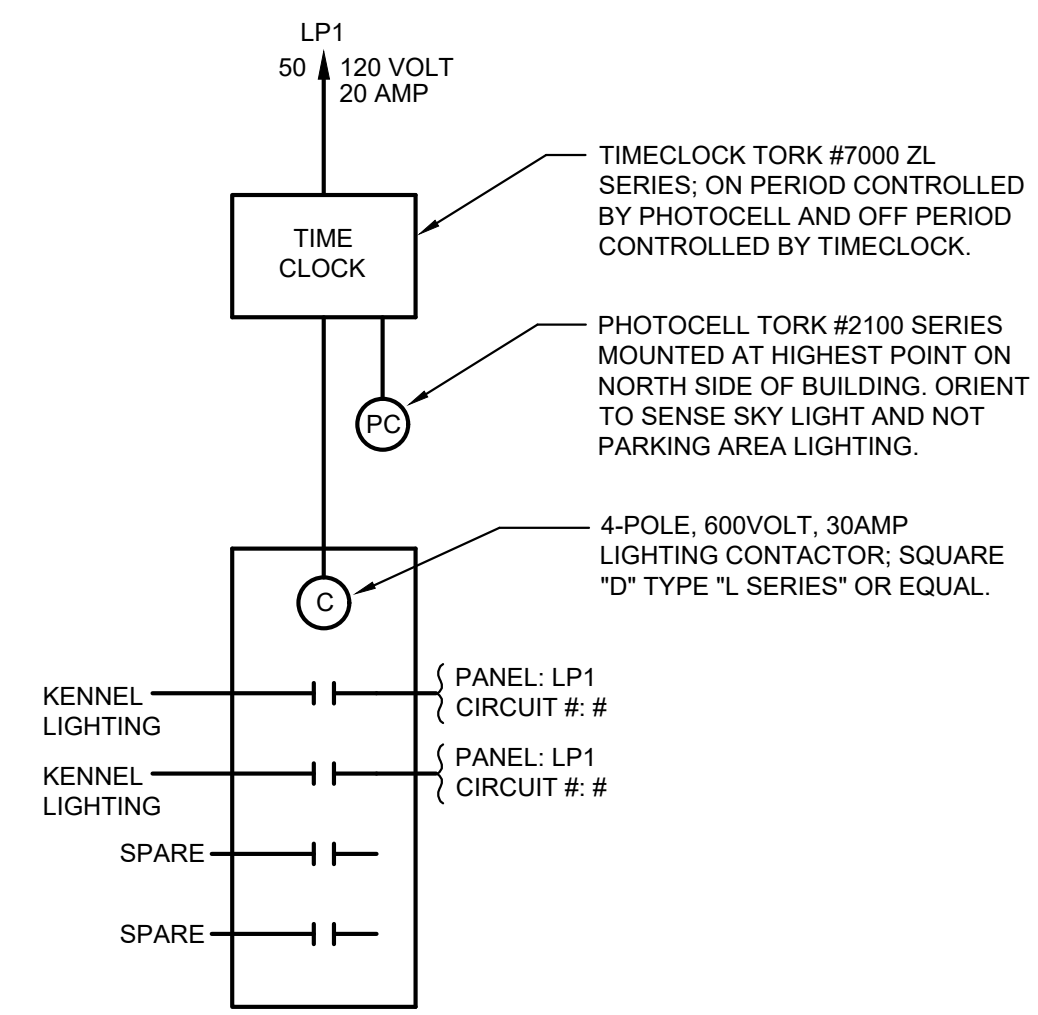
CBA = COLOR TO BE SELECTED BY ARCHITECT (THE ELECTRICAL CONTRACTOR SHALL VERIFY COLOR & FINISH WITH ARCHITECT PRIOR TO SUBMITTAL OF SHOP DRAWINGS.
CC = CUSTOM COLOR TO BE SELECTED BY ARCHITECT (THE ELECTRICAL CONTRACTOR SHALL VERIFY CUSTOM COLOR & FINISH WITH ARCHITECT PRIOR TO SUBMITTAL OF SHOP DRAWINGS.)



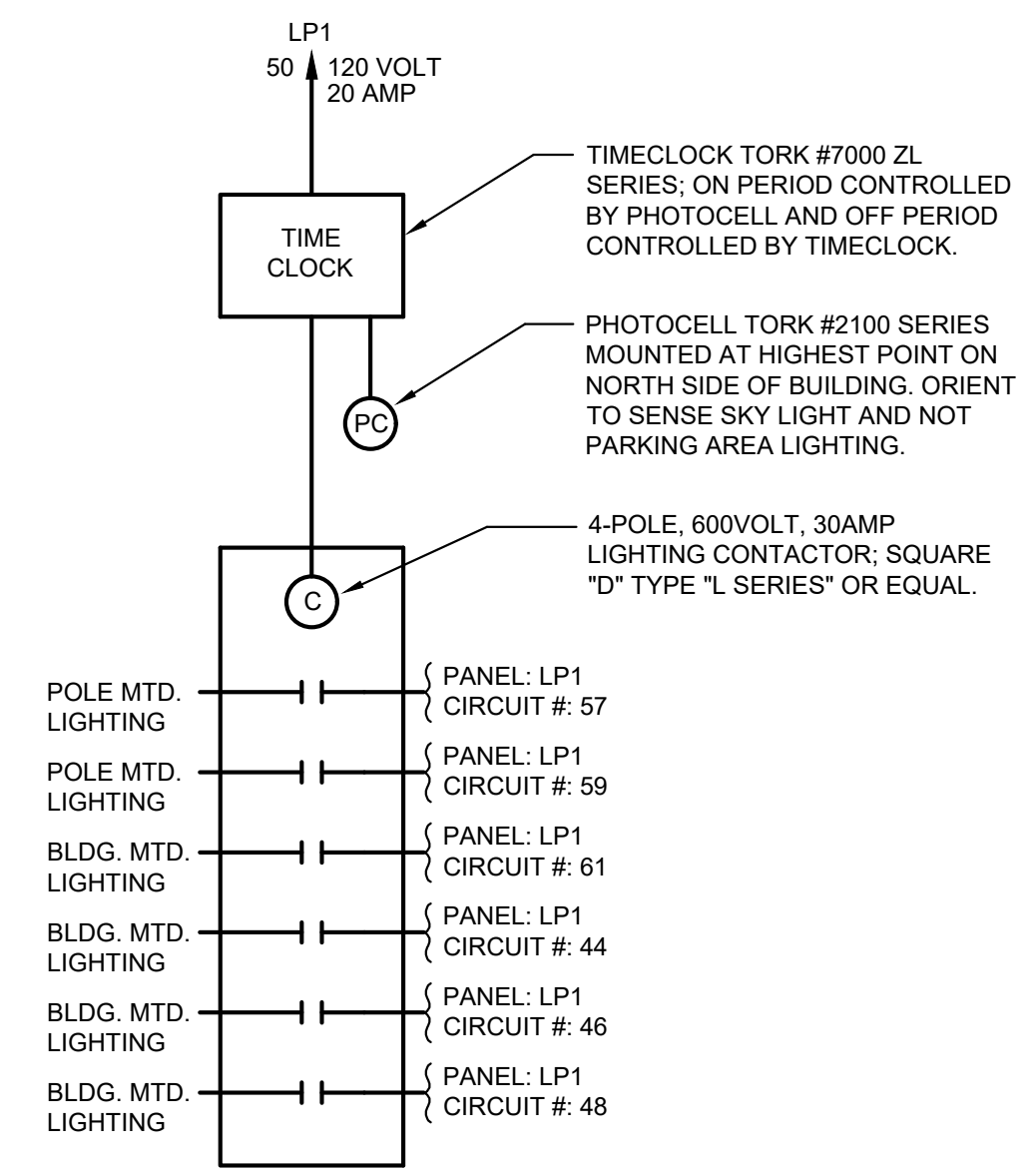
NEW WALL INSTALLATION
NOT TO SCALE



FIRE ALARM SYSTEM KNOX-BOX DETAIL
NOT TO SCALE

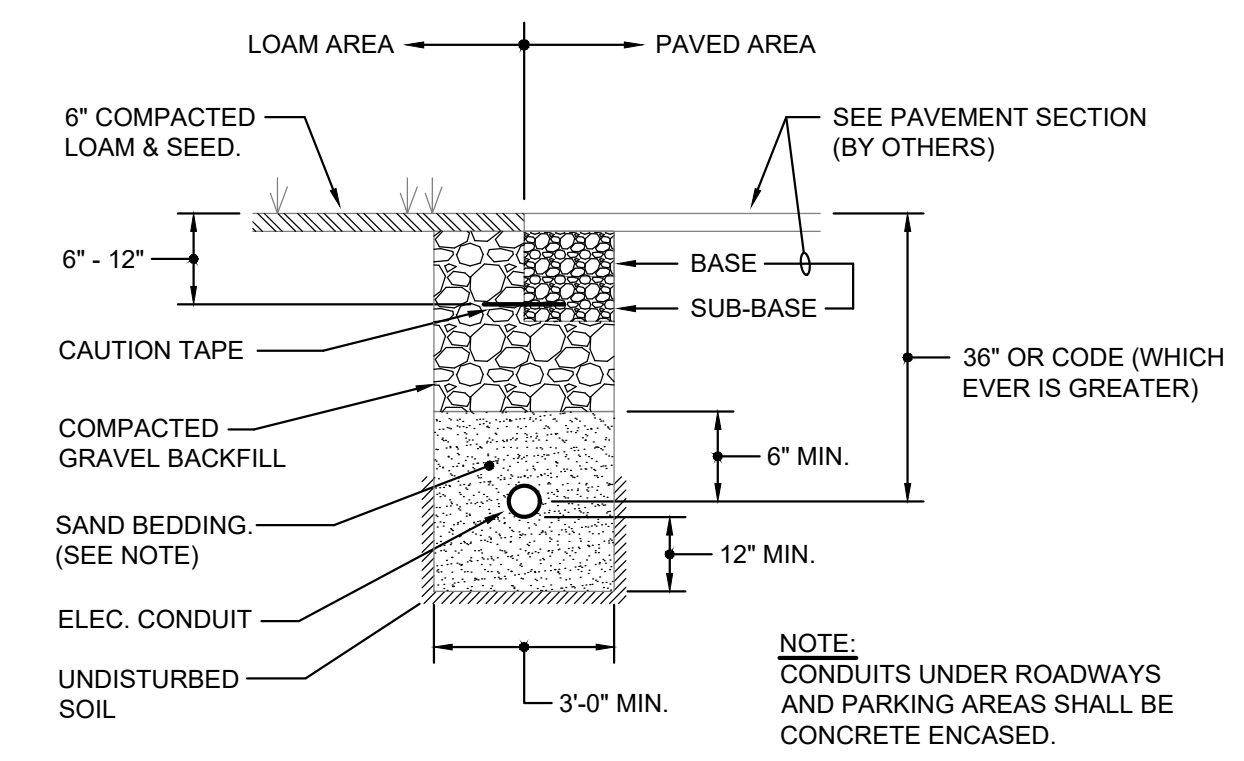


**INTERIOR LIGHTING
CONTROL DIAGRAM #1**
NOT TO SCALE



**EXTERIOR LIGHTING
CONTROL DIAGRAM #2**
NOT TO SCALE

| SITE LTG. CKT. / WIRE SCHEDULE | | |
|--------------------------------|-------------------|--|
| CIRCUIT LENGTH | CIRCUIT WIRE SIZE | DESCRIPTION |
| UP TO 600' | #8 | WIRE GAUGE RATINGS ARE BASED ON COPPER CONDUCTOR WITH LESS THAN 3% VOLTAGE DROP. IT SHALL BE THIS CONTRACTOR'S RESPONSIBILITY TO VERIFY LENGTHS AND ROUTING OF EACH CIRCUIT. |
| 600' TO 1000' | #6 | |
| 1000' TO 1300' | #4 | |



**SITE LIGHTING / POWER / SECURITY
CONDUIT TRENCH DETAIL**
NOT TO SCALE

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