

FISH MARKET IMPROVEMENTS

ESTATE LA REINE

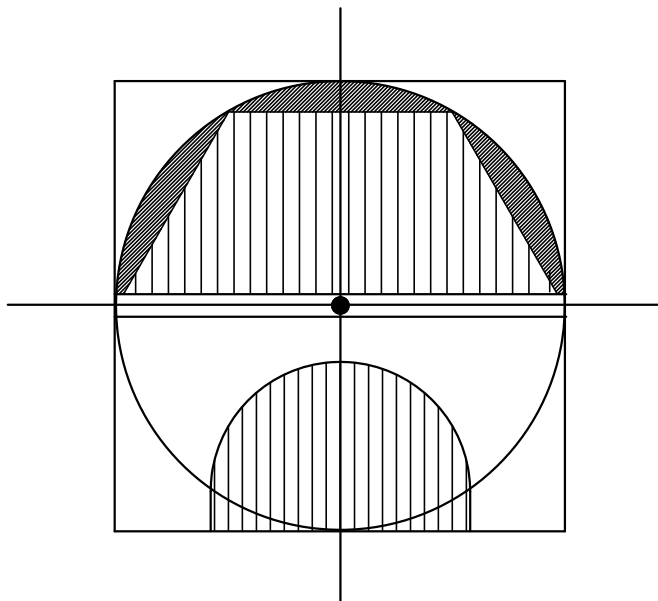
ST. CROIX, U.S.V.I.

ZONING DATA

ITEM	
LOCATION	No 24C ESTATE LAREINE
STATUS	LEGALLY EXISTING ZONING & LAND USE
PROPOSED	NO CHANGES TO OCCUPANCY OR USE, COMPLIANT WITH ZONING

CODE SUMMARY

APPLICABLE CODES:	INTERNATIONAL BUILDING CODE - 2015 INTERNATIONAL RESIDENTIAL CODE - 2015 NATIONAL FIRE PREVENTION ASSOCIATION (NFPA) - 2015
OCCUPANCY CLASSIFICATION:	BUSINESS - GROUP B
CONSTRUCTION TYPE:	V-B, UNPROTECTED, UNSPRINKLERED
FIRE RESISTANT CONSTRUCTION:	
EXTERIOR WALLS	NOT REQUIRED
TENANT SEPARATION	NOT REQUIRED
FIRE PROTECTION SYSTEM	
MANUAL FIRE ALARM	NOT REQUIRED
AUTOMATIC SMOKE DETECTION SYSTEM	NOT REQUIRED
OCCUPANT LOAD	
3,261 SF / 100 GROSS = 33 OCCUPANTS	
EGRESS	
SINGLE MEANS OF EGRESS	O.K. PER IBC 1015.1 & NFPA 30.2.4.4
EGRESS WIDTH	
DOORS	(LARGEST SPACE - SCALE ROOM) 283 SF = 3 OCCUPANTS
WIDTH REQUIRED	3x2 = .6
WIDTH PROVIDED	36 - OK
MAXIMUM COMMON PATH OF TRAVEL - 75 FT. MAX.	- 14' OK
MAXIMUM TRAVEL DISTANCE - 200 FT. MAX.	14' OK
ACCESSIBILITY	ALL PUBLIC SPACES COMPLIANT - REFER TO DIAGRAMS IN DRAWINGS



Steven E. Hutchins Architects Inc.

ARCHITECT

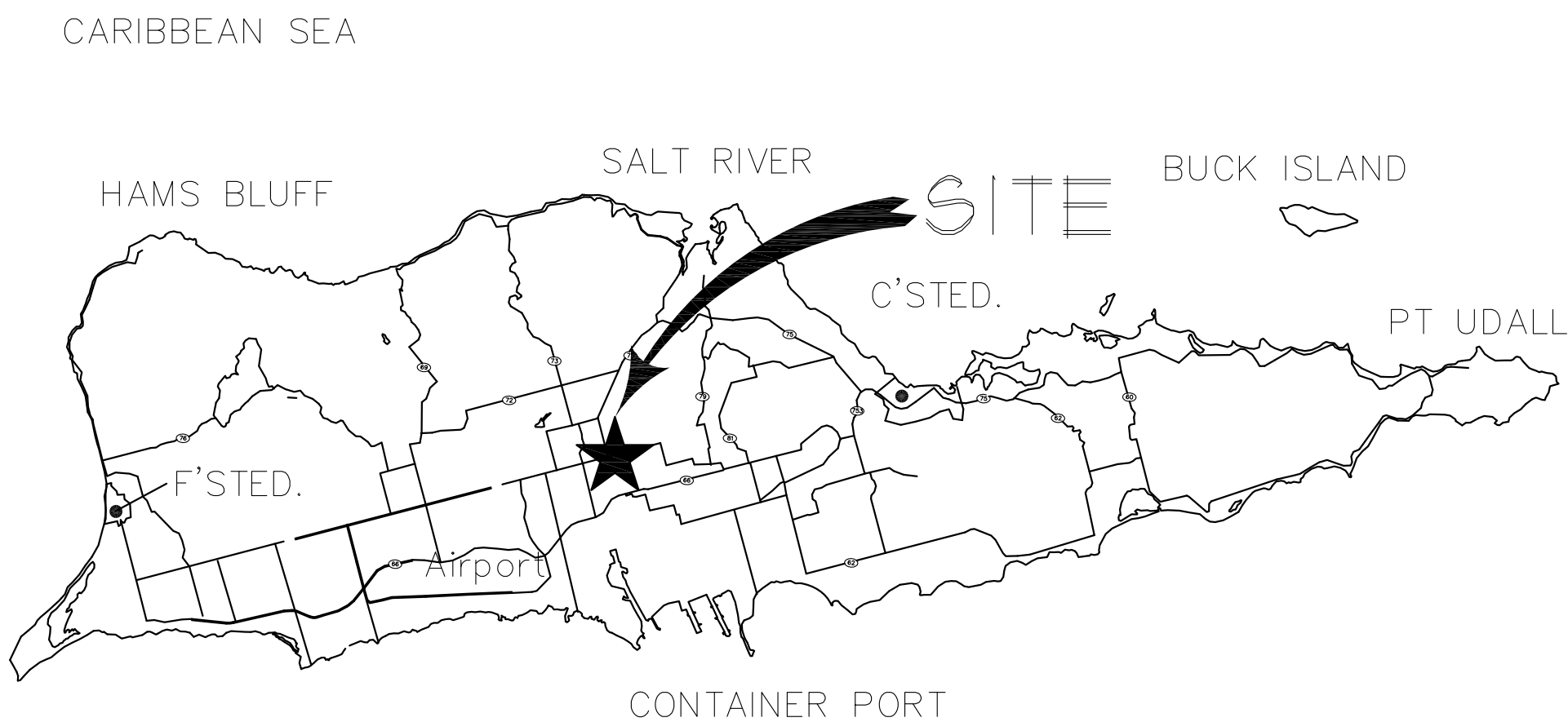
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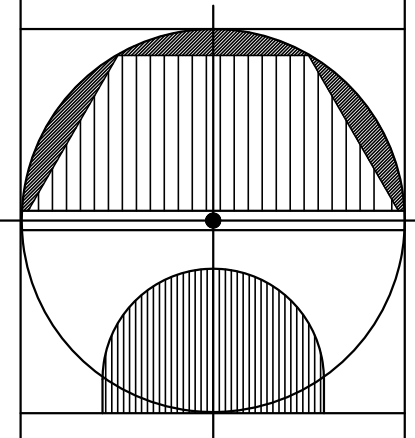
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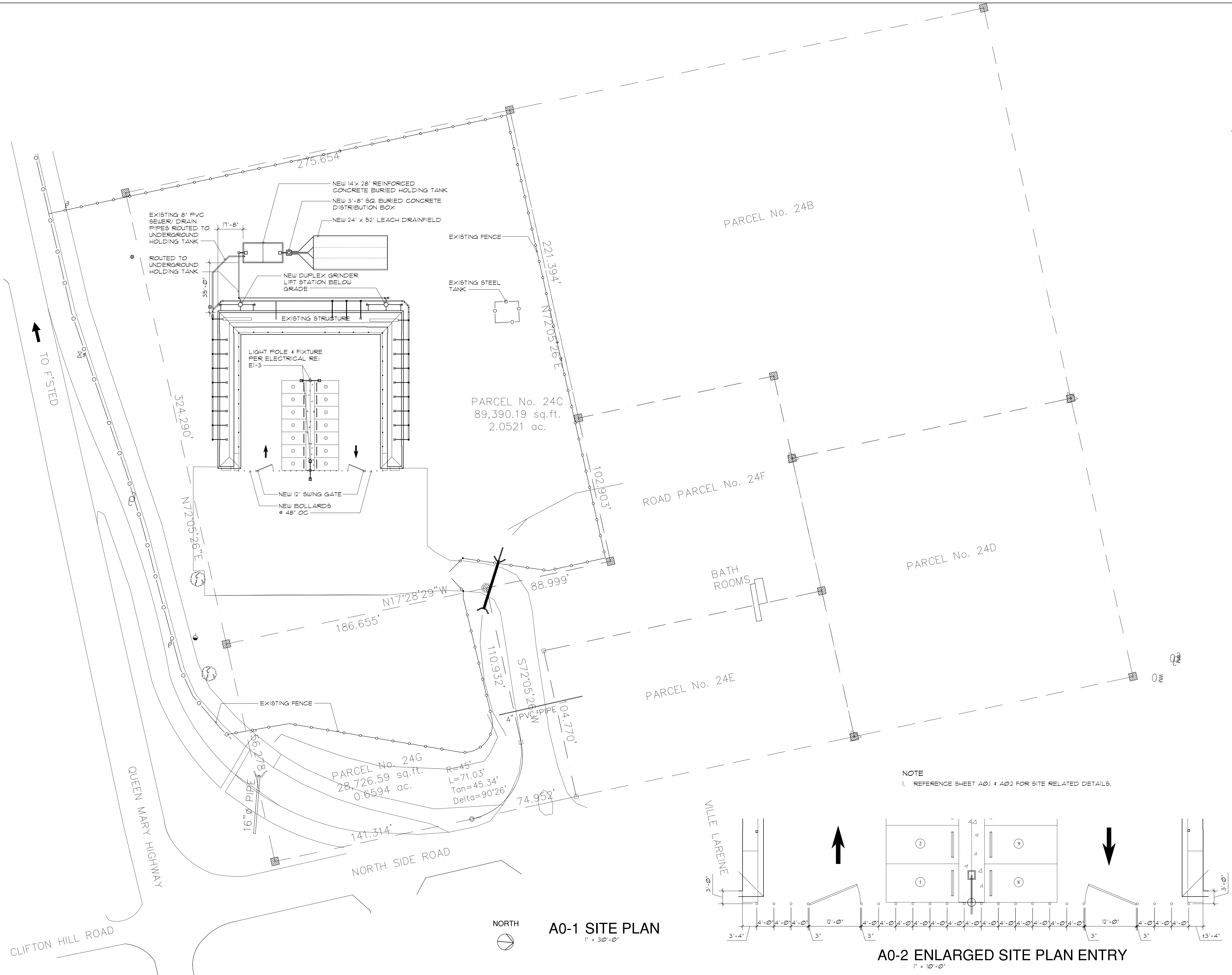
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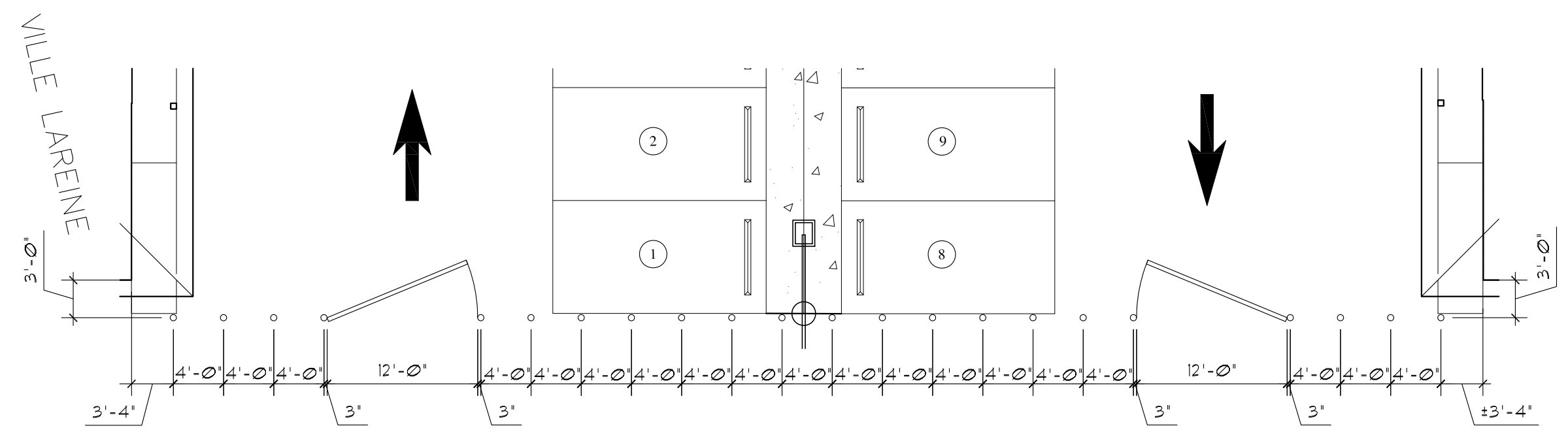
KEY MAP



SECTION 0110 - SUMMARY PART 1 - GENERAL 11 SUMMARY OF WORK A. Project Identification: As follows: 1. Location: La Reine Fish Market, St. Croix 00820, U.S.V.I. 2. Owner: "B. Contract Documents were prepared by Steven E. Hutchins Architects, Inc., 109-113 Castle Coakley, Christiansted, U.S.V.I. 3. The work consists of the renovation of a commercial fish market, associated site work, and new utilities, as described in the Contract Documents. 12 WORK RESTRICTIONS A. Contractor's Use of Premises: During construction, Contractor shall have full use of site with the exception of existing landscaping that must be protected from damage. Contractor's use of premises is limited only by Owner's right to perform work or employ other contractors on portions of Project. PART 2 - PRODUCTS (Not Applicable) PART 3 - EXECUTION (Not Applicable) END OF SECTION 0110 SECTION 0222 - SELECTIVE DEMOLITION PART 1 - GENERAL 11 SECTION REQUIREMENTS A. Unless otherwise indicated, demolished materials become Contractor's property. B. Comply with EPA regulations and disposal regulations of authorities having jurisdiction. PART 2 - PRODUCTS (Not Applicable) PART 3 - EXECUTION 31 DEMOLITION A. Locate, identify, shut off, disconnect, and cap off utility services to be demolished. B. Employ a certified, licensed exterminator to treat building and to control rodents and vermin. C. Conduct demolition operations and remove debris to prevent injury to people and damage to adjacent buildings and site improvements. D. Provide and maintain shoring, bracing, or structural support to preserve building stability and prevent movement, settlement, or collapse. E. Protect building structure or interior from weather and water leakage and damage. F. Protect remaining walls, ceilings, floors, and exposed finishes. G. Promptly patch and repair holes and damaged surfaces of building caused by demolition. Restore exposed finishes of patched areas and extend finish restoration into remaining adjoining construction. H. Promptly remove demolished materials from Owner's property and legally dispose of them. Do not burn demolished materials. END OF SECTION 0222 SECTION 0230 - SITE CLEARING PART 1 - GENERAL 11 SECTION REQUIREMENTS A. Protect remaining site improvements from damage. Restore damaged work to condition existing before start of site clearing. B. Protect remaining trees and shrubs from damage and maintain vegetation. Employ a licensed arborist to repair tree and shrub damage. Restore damaged vegetation. Replace damaged trees that cannot be restored to full growth as determined by arborist. C. Removal or destruction of trees, shrubs, and other existing landscaping vegetation is not permitted, where removal of vegetation is required for new construction Contractor shall obtain approval from Owner prior to removal. D. Do not store materials or equipment or permit excavation within drip line of remaining trees. E. Determine location of existing utility services before site clearing. Comply with local utility service requirements. PART 2 - PRODUCTS (Not Applicable) PART 3 - EXECUTION 31 SITE CLEARING A. Install erosion and sedimentation control measures before site clearing. B. Obtain Owner permission to remove trees, shrubs, grass, and other vegetation, site improvements, or obstructions to permit installation of new construction. Removal includes digging out and off-site disposal of stumps and roots. C. Strip topsoil. Stockpile topsoil that will be reused in the Work. D. In areas not to be further excavated, fill depressions resulting from site clearing. Place and compact satisfactory soil materials in 6-inch (150-mm-) thick layers to density of surrounding original ground. E. Dispose of waste materials, including trash debris, and excess topsoil, off Owner's property. Burning waste materials on-site is not permitted. END OF SECTION 0230 SECTION 02361 - TERMITE CONTROL PART 1 - GENERAL 11 SECTION REQUIREMENTS A. Provide standard warranties. B. Engage a licensed professional pest control operator to apply termite control solution. C. Use only termiticides that bear a federal registration number of the U.S. EPA. PART 2 - PRODUCTS 21 TERMITICIDES A. Provide a working solution of Fipronil in concentrations recommended by manufacturer. PART 3 - EXECUTION 31 INSTALLATION A. Prepare surfaces and apply treatment at rates and concentrations recommended in manufacturer's written instructions. B. Apply termite control to the following: Below concrete slabs (except cisterns and swimming pool), Building perimeters. C. Post signs in areas of application warning workers that soil termiticide treatment has been applied. Remove signs when areas are covered by other construction. D. Reapply soil termiticide treatment solution to areas disturbed by subsequent excavation or other construction activities following application. END OF SECTION 02361 SECTION 02151 - PORTLAND CEMENT CONCRETE PAVING PART 1 - GENERAL 11 SECTION REQUIREMENTS A. Submit design mixes for concrete. B. Comply with ACI 301, "Specification for Structural Concrete." PART 2 - PRODUCTS 21 MATERIALS A. Deformed Reinforcing Bars: ASTM A 615, Grade 60 (ASTM A615M, Grade 420). B. Welded Steel Wire Fabric: ASTM A 185, flat sheets, not rolls. C. Chemical Admixtures: ASTM C 494. Calcium chloride shall not be used. D. Liquid Membrane-Forming Curing Compound: ASTM C 309, clear, Type I, Class B, waterborne. E. Nonslip Aggregate: Factory-produced, rustproof, nonglazing, fused aluminum-oxide granules or crushed emery, unaffected by moisture, and cleaning materials. 22 MIXES A. Proportion normal-weight concrete mixes to provide the following properties: 1. Location: La Reine Fish Market, 3200 psi (20.7 MPa) at 28 days. 2. Compressive Strength: 3000 psi (20.7 MPa) at point of placement. 3. Slump Limit: 4 inches (102 mm) at point of placement. 3. W/C Ratio: 0.45 maximum at point of placement. 4. Air Content: 5.5 to 7.0 perc PART 3 - EXECUTION 31 PAVING A. Accurately position and support reinforcement, and secure against displacement. B. Locate and install contraction, construction, isolation, and expansion joints as indicated or required. C. Place concrete in a continuous operation within planned joints or sections. Do not add water to adjust slump. D. Float surfaces to true planes within a tolerance of 1/4 inch in 10 feet (1.480") and medium-to-coarse-textured broom finish. E. Tool edges and joints to a radius of 3/4 1/4 inch (6 mm) to 3/4 3/8 inch (9.5 mm) to 1/8. F. Uniformly spread 25 lb/100 sq. ft. (15 kg/sq. m) of dampened nonslip aggregate over float-finished paving surface, tamp, and expose nonslip aggregate. G. Begin curing after finishing concrete. Keep concrete continuously moist for at least 7 days or Apply membrane-forming curing compound to concrete. H. Contractor will employ a testing agency to sample concrete, perform tests, and submit reports to the testing agency placement. I. Remove and replace concrete paving that is broken, damaged, or defective. Exclude traffic from paving for at least 14 days. END OF SECTION 02151 SECTION 02821 - CHAIN LINK FENCES AND GATES PART 1 - GENERAL 11 SECTION REQUIREMENTS A. Submit Product Data. PART 2 - PRODUCTS 21 RESIDENTIAL FENCE COMPONENTS A. Galvanized steel fence not more than 6 feet (183 m) high, complying with ASTM F 761. Fabricate swing gates according to ASTM F 654. 1. Fabric: 2-1/8-inch (54-mm) mesh fabricated from 0.113-inch- (2.9-mm-) diameter wire. 2. Posts: 1.5-inch (41.3-mm-) diameter line posts and 2-inch- (50.8-mm-) diameter end, corner, and gate posts. 3. Top Rail: 1-3/8-inch- (34.9-mm-) diameter top rail. 22 COMMERCIAL FENCE COMPONENTS A. Fabric: 2-inch (50.8-mm) mesh fabricated from 0.120-inch- (3-mm-) diameter wire complying with Chain Link Fence Manufacturers Institute's "Product Manual." 1. Galvanized Steel wire. 2. Galvanized Steel Pipe Posts: As follows: 1. Line or Intermediate Posts: 1.30-inch (48.3-mm) for fabric heights up to 6 feet (183 m) 2.375-inch (60.3-mm) for fabric heights 6 feet (183 m) and more OD. 2. End, Corner, and Rail Posts: 2.375-inch (60.3-mm) for fabric heights up to 6 feet (183 m) 2.875-inch (73-mm) for fabric heights 6 feet (183 m) and more OD. 3. Top Rails: 1.66-inch (42.2-mm) OD. 4. Swing-Gate Posts: 2.875-inch (73-mm) for fabric heights up to 6 feet (183 m) and gate leaves up to 10 feet (3.05 m) wide 5. End, Corner, and Rail Posts: 2.375-inch (60.3-mm) and more and gate leaves up to 12 feet (3.66 m) wide OD. 5. Swing-Gate Frames: 1.30-inch (48.3-mm) OD. 6. Fittings and Accessories: Comply with ASTM F 626. 1. Post and Line Caps: Provide weathertight cap for each post. Provide line post caps with loop to receive tension wire or top rail. 2. Post Brace Assembly: Same material as top rail with 3/8-inch- (9.5-mm-) diameter rod and adjustable tightener. 3. Bottom and Center Rail: Same material as top rail with cap on each end. 4. Tension or Stretcher Bars: Galvanized steel bar, 2 inches (50.8 mm) shorter than fabric height, 3/16 inch (4.76 mm) thick by 3/4 inch (19.1 mm) wide. 5. Tension Bands: 3/4-inch- (19.1-mm-) wide galvanized steel bands, 0.074 inch (1.88 mm) thick. 6. Brace Bands: 3/4-inch- (19.1-mm-) wide galvanized steel bands, 0.105 inch (2.67 mm) thick. 7. Tension Wire: 0.111-inch- (4.9-mm-) diameter, galvanized, metallic-coated-steel marcelled wire with finish to match fabric. 8. Tie Wires: 0.106-inch- (2.7-mm-) diameter, galvanized steel or 0.148-inch- (3.76-mm-) diameter, aluminum alloy wire with finish to match fabric wire. 9. Swing Gates: Comply with ASTM F 900. Provide galvanized hardware and accessories for each gate as follows: 1. Hinges: Non-lift-off type, offset to permit 180-degree gate opening. 2. Latch: Forked type or plunger-bar type with padlock eye. 3. Keeper: Provide a keeper for vehicle gates that automatically engages gate leaf and holds it in open position until manually released. 4. Gate Stops: For double gates, provide gate stops set in concrete, designed to engage a center drop rod or plunger bar. Include a locking device permitting both gate leaves to be locked with a single padlock. PART 3 - EXECUTION 31 INSTALLATION A. Install fence to comply with ASTM F 561. B. Excavation: Drill post holes 8 inches (200 mm) in diameter and 40 inches (102 m) in depth, equally spaced, but not more than 10 feet (3.05 m) apart. C. Setting Posts: Set posts in holes approximately 4 inches (102 mm) above bottom of excavation. Align posts vertically and align tops. Four concrete footings 2 inches (50.8 mm) above grade and trowel to a crown to shed water. END OF SECTION 02821 SECTION 04810 - UNIT MASONRY ASSEMBLIES PART 1 - GENERAL 11 SECTION REQUIREMENTS A. Comply with ACI 530.1/ASCE 6/ITMS 602. PART 2 - PRODUCTS 21 MASONRY UNITS A. Concrete Masonry Units: ASTM C 90, Weight Classification, Normal Weight, Type I, nonmoisture-controlled units. 22 MORTAR A. Mortar: ASTM C 210, Proportion Specification, for Job-mixed mortar and ASTM C 1142 for ready-mixed mortar 1. Masonry Cement. 2. Do not use calcium chloride in mortar. 3. For masonry below grade, in contact with earth, reinforced masonry, and where indicated, use Type S or RS. 4. For exterior, above-grade, load-bearing and non-load-bearing walls and parapet walls, for interior load-bearing walls, for interior non-load-bearing partitions, and for other applications where another type is not indicated, use Type N or SN. 23 JOINT REINFORCEMENT, TIES, AND ANCHORS A. Provide joint reinforcement formed from galvanized carbon-steel wire, ASTM A 183, Class B-2, for both interior and exterior walls. 1. Wire Diameter for Side Rods: 0.1875 inch (4.8 mm). 2. Wire Diameter for Cross Rods: 0.1875 inch (4.8 mm). 3. For single-wythe masonry, provide ladder design. 4. For multiwythe masonry, provide ladder design with 3 side rods. B. Rigid Anchors: Fabricate from steel bars 1-1/2 inches (38 mm) wide by 1/4 inch (6.4 mm) thick by 24 inches (600 mm) long, with ends turned up 2 inches (50 mm) or with cross pins. 2.4 MISCELLANEOUS MASONRY ACCESSORIES A. Weep Holes: Round polyethylene tubing, 3/8-inch (9.5-mm) OD. B. Mortar Cleaners: 1/2-cup (0.14-L) tetradium polyphosphate and 1/2-cup (0.14-L) laundry detergent dissolved in 1 gal. (4 L) of water. PART 3 - EXECUTION 31 INSTALLATION, GENERAL A. Cut masonry units with motor-driven saws. Install cut units with cut surfaces and, where possible, cut edges concealed. B. Mix units for exposed unit masonry from several pallets or cubes as they are placed to produce uniform blend of colors and textures. C. Matching Existing Masonry: Match coursing, bonding, color, and texture of existing masonry. D. Stopping and Resuming Work: In each course, rack back units do not touch. E. Fill cores in hollow concrete masonry units with grout 24 inches (600 mm) under bearing plates, beams, lintels, posts, and similar items, unless otherwise indicated. F. For masonry below grade, install interior partitions full height and install compressible filler in joint between top of partition and underside of structure above. G. Tool exposed joints slightly concave when thumbprint hard, unless otherwise indicated. H. Keep cavities clear of mortar droppings and other materials during construction. Strike joints facing cavities flush. 3.2 LINTELS A. Install steel lintels where indicated. B. Masonry lintels where shown. Precast lintels made from concrete matching concrete masonry units in color, texture, and compressive strength and with reinforcing cement bars indicated or required to support loads indicated. C. Minimum bearing of 8 inches (200 mm) at each jamb, unless otherwise indicated. 3.3 FLASHING AND WEEP HOLES A. Install embedded flashing and weep holes in masonry at shelf angles, lintels, ledges, other obstructions to the downward flow of water in the wall and where indicated. B. Place through-wall flashing on sloping bed of mortar and cover with mortar. Seal penetrations in flashing before covering with mortar. 1. Extend flashing 4 inches (100 mm) into masonry at each end and turn up 2 inches (50 mm) to form a pan. C. Trim wicked material used in weep holes flush with outside face of wall after mortar has set. 3.4 PARGING A. Parge predampened masonry walls, where indicated, with Type S or Type N mortar applied in 2 uniform coats with a steel-trowel finish. Form a wash at top of parging and a cove at bottom. Damp cure parging for at least 24 hours. 3.5 CLEANING A. Clean stone masonry veneer as work progresses. Remove mortar fins and smears before tooling joints. B. Final Cleaning: After mortar is thoroughly set and cured, remove large mortar particles and scrub unit masonry. 1. Use wall brushes with water, apply cleaner, then remove cleaner by rinsing thoroughly with clear water. END OF SECTION 04810 SECTION 06100 - ROUGH CARPENTRY PART 1 - GENERAL 11 SECTION REQUIREMENTS A. Submit material code evaluation reports for engineered wood products. PART 2 - PRODUCTS 21 LUMBER, GENERAL A. Dressed lumber, 64S, 19 percent maximum moisture content, for 2-inch (38-mm) thickness or less, marked with grade stamp of inspection agency. B. All structural timber shall be Southern Yellow Pine No. 1 or better or white pine or spruce, minimum bending stress 1200 psi, Modulus of Elasticity 1600 ksi and Service Moisture Content of no more than 19 %. C. All wood members and panels shall be Borate Pressure Treated. 2.2 TREATED MATERIALS A. Preservative-Treated Materials: AWPAC C2 lumber and AWPAC C3 plywood, labeled by an inspection agency approved by AISC's Board of Review. After treatment, kiln-dry lumber and plywood to 19 and 15 percent moisture content, respectively. Treat indicated items and the following: 1. Wood members in connection with roofing, flashing, vapor barriers, and waterproofing. 2. Concealed members in contact with masonry or concrete. 3. Wood framing members less than 18 inches (460 mm) above grade. 4. Wood floor plates installed over concrete slabs directly in contact with earth. 5. All structural wood members and panels.. 2.3 LUMBER A. Power-Driven Fasteners: CABO NER-272. B. Timbers 5-inch Nominal (117-mm Actual) Size and Thicker: Southern pine, No. 1 Dense per SPIB rules. C. Concealed Boards: 19 percent maximum moisture content: Dried southern pine, No. 2 per SPIB rules D. Miscellaneous Lumber: No. 3 or Standard grade of any species for nallers, blocking, and similar members. 2.4 ENGINEERED WOOD PRODUCTS 2.5 MISCELLANEOUS PRODUCTS A. Air-Infiltration Barrier: ASTM D 226, Type I, No. 15 asphalt felt, unperforated, Polyolefin material complying with ASTM E 1611, Type I, with minimum water-vapor transmission of 10 perms (575 ng/Pa x s x sq. m). B. Fasteners: Size and type indicated. Where rough carpentry is exposed to weather, in ground contact, or in area of high relative humidity, provide fasteners with a hot-dip zinc coating per ASTM A 153 or of Type 304 stainless steel. 1. Power-Driven Fasteners: CABO NER-272. 2. Bolts: Steel bolts complying with ASTM A 307, Grade A (ASTM F 568, Property Class 4.6) with ASTM A 563 (ASTM A 563M) hex nuts and, where indicated, flat washers. C. Metal Framing Anchors: Hot-dip galvanized steel of structural capacity, type, and size indicated. D. Gull-Sealer: Glass-fiber insulation, 1-inch (25-mm) thick, compressible to 1/32 inch (0.8 mm). E. Adhesives for Field Gluing Panels to Framing: APA AFG-01. PART 3 - EXECUTION 31 INSTALLATION A. Fit rough carpentry to other construction scribe and cope for accurate fit. Correlate location of furring, blocking, and similar supports to allow attachment of other construction. B. Securely attach rough carpentry work to substrate by anchoring and fastening as indicated, complying with the following: 1. CABO NER-272 for power-driven staples, P-nails, and allied fasteners. 2. Published requirements of metal framing anchor manufacturer. 3. 'Table 602.3a--Fastener Schedule for Structural Members' of the CABO One and Two Family Dwelling Code, 'Table 2205.2--Fastening Schedule' of the BOCA National Building Code, 'Table 1705.1--Fastening Schedule' of the Standard Building Code, 'Table 23-1-Q--Nailing Schedule' of the Uniform Building Code. C. Use hot-dip galvanized or stainless-steel nails where rough carpentry is exposed to weather, in ground contact, or in area of high relative humidity. END OF SECTION 06100 SECTION 07320 - JOINT SEALANTS PART 1 - GENERAL 11 SECTION REQUIREMENTS A. Submit Product Data and color samples. PART 2 - PRODUCTS 21 JOINT SEALANTS A. Compatibility: Provide joint sealants, joint fillers, and other related materials that are compatible with one another and with joint substrates under service and application conditions. B. Elastomeric Sealant: Comply with ASTM C 920. 1. Multipart, neutral-curing silicone sealant, Type M, Grade NS, Class 25, Uses T, NT, M, G, A and O. 2. One-part, neutral-curing silicone sealant, Type S, Grade NS, Class 25, Uses T, NT, M, G, A and O. 3. One-part, mildew-resistant silicone sealant, Type S, Grade NS, Class 25, Uses NT, G, A and O. 4. Multipart, nonsag urethane sealant, Type M, Grade NS, Class 25, Uses T, NT, M, G, A and O. 5. One-part, pourable urethane sealant, Type S, Grade P, Class 25, Uses T, M, G, A and O. C. Acrylic Sealant: One-part, nonsag, solvent-release-curing acrylic polymer sealant complying with ASTM A 808.3 or RS TT-5-00230, or both with capability when tested per ASTM C 719, to withstand plus or minus (12.5 percent) change in joint width existing at time of application without failing. D. Butyl Sealant: Manufacturer's standard one-part, nonsag, solvent-release-curing, polymerized butyl sealant complying with ASTM C 1088 and formulated with a minimum of 75 percent solids to be nonstaining, paintable and have a tack free time of 24 hours or less. E. Acrylic-Emulsion Sealant: One-part, nonsag, mildew-resistant, paintable, acrylic-emulsion sealant complying with ASTM C 834. F. Silicone-Emulsion Sealant: Product complying with ASTM C 834 and excess for seepage less measured per ASTM C 782, with ASTM C 920, that accommodates joint movement of not more than 25 percent in both extension and compression for a total of 50 percent. PART 3 - EXECUTION 31 INSTALLATION A. Comply with ASTM C 1193. END OF SECTION 07320 SECTION 08113 - HOLLOW METAL DOORS AND FRAMES PART 1 - GENERAL 11 SECTION REQUIREMENTS A. Submit Product Data and door schedule. B. Min. thickness of base metal without coatings NAAMTM-HMTM 603. PART 2 - PRODUCTS 21 MATERIALS A. Cold-Rolled Steel Sheets: ASTM A 1008/A, commercial steel (CS), Type B, quality. 2.2 EXTERIOR DOORS AND FRAMES A. Heavy Duty doors and frames: SD1 A250B, Level 2 2.3 MISCELLANEOUS A. Prepare frames to receive mortised and concealed hardware according to SD1 001. B. Comply with NAAMTM's 'Metal Finishes Manual for Architectural and Metal Products' for recommendations relative to applying finishes. 1. Apply shop primer that complies with ANSI A2241. SECTION 08361 - SECTIONAL OVERHEAD DOORS PART 1 - GENERAL 11 SECTION REQUIREMENTS A. Submit Product Data. B. Design and reinforce sectional overhead doors to withstand a 145 mph min. wind speed. PART 2 - PRODUCTS 21 SECTIONAL OVERHEAD DOORS A. Manufactured by Overhead Door 'SERIES 610' hurricane rated +50 PSF or approved equal. B. Operation: manual. C. Tracks, Supports, and Hardware: Manufacturer's standard. PART 3 - EXECUTION 31 INSTALLATION A. Install door, track, and operating equipment according to Shop Drawings. END OF SECTION 08361 SECTION 08515 - ALUMINUM JALOUSIE WINDOWS PART 1 - GENERAL 11 SECTION REQUIREMENTS A. Submit Product Data and color samples. PART 2 - PRODUCTS 21 ALUMINUM WINDOWS A. JALOUSIE ALUMINUM WINDOWS AS INDICATED B. MANUFACTURERS: CENTERLINE CORP GIBRALTER 500 w/ ALUMINUM BLADES w/ SECURITY BARS OR EQUAL. C. FACTORY MILL FINISH WINDOW. PART 3 - EXECUTION 31 INSTALLATION A. Mount hardware in locations recommended by the Door and Hardware Institute, unless otherwise indicated. B. Refer to Drawings for Hardware Schedule END OF SECTION 08515 SECTION 08110 - DOOR HARDWARE PART 1 - GENERAL 21 SECTION REQUIREMENTS A. Submit hardware schedule. PART 2 - PRODUCTS 21 HARDWARE A. Door Hardware: As indicated in the Schedule. 1. Nonremovable hinge pins for exterior and public interior exposures. 2. Cylinders with 6-pin tumblers. B. Key locks to Owner's new master-key system. Provide key control system, including cabinet. C. Provide hardware manufactured by Schlage, Hagoaq, or approved equal. PART 3 - EXECUTION 31 INSTALLATION A. Mount hardware in locations recommended by the Door and Hardware Institute, unless otherwise indicated. B. Refer to Drawings for Hardware Schedule END OF SECTION 08110 SECTION 09220 - PORTLAND CEMENT PLASTER PART 1 - GENERAL 11 SECTION REQUIREMENTS A. Submit Product Data and finish samples. PART 2 - PRODUCTS 31 LATH A. Woven-Wire Lath: ASTM C 1032, fabricated into 1-1/2-inch (38-mm) hexagonal-shaped mesh with minimum 0.0510-inch- (1.3-mm-) diameter, galvanized steel wire. B. Paper Backing: Asphalt-impregnated paper complying with FS U-1-B-190. C. Flat Acrylic: 2 coats. D. Gypsum Board: As follows: 1. Low-Luster, Acrylic Enamel: 2 coats over primer. E. Plaster: As follows: 1. Low-Luster, Acrylic Enamel: 2 coats over primer. F. Woodwork and Hardboard: As follows: 1. Semigloss, Acrylic Enamel: 2 coats over primer. G. Stained Woodwork: As follows: 1. Alkyd-Based, Satin Varnish: 2 coats clear-satin varnish over sealer and wood stain. 2. Waterborne, Satin Varnish: 2 coats clear-satin varnish over sealer and wood stain. 3. Water-Based, Full-Gloss, Varnish: 2 coats Full-Gloss varnish over sealer and wood stain. 4. Alkyd-Based Stain, Wax-Polished Finish: 3 coats paste wax over sealer and wood stain. H. Natural-Finish Woodwork: As follows: 1. Alkyd-Based, Satin Varnish: 2 coats clear-satin varnish over sealer. 2. Waterborne, Satin Varnish: 2 coats clear-satin varnish over sealer. 3. Water-Based, Full-Gloss, Varnish: 2 coats Full-Gloss varnish over sealer. I. Wax-Polished Finish: 3 coats paste wax over sealer. F. Ferrous Metal: As follows: 1. Full-Gloss, Alkyd Enamel: 2 coats over undercoater and primer. J. Zinc-Coated Metal: As follows: 1. Full-Gloss, Alkyd Enamel: One coat over undercoater and primer. END OF SECTION 09220 SECTION 09310 - PAINTING PART 1 - GENERAL 11 SECTION REQUIREMENTS A. Submit Product Data and color samples. B. Obtain block fillers, primers, and undercoat materials for each coating system from the same manufacturer as the finish coats. C. Paint all exposed surfaces, new and existing, unless otherwise indicated. D. Do not paint prefinished items, finished metal surfaces, operating parts, labels, and materials obviously intended to be left exposed such as brick and tile. Do not paint concealed surfaces, with the following exceptions: 1. Paint mechanical piping in accessible ceiling spaces. 2. Paint the backs of access panels. E. Deliver to Owner a 1-gal. (3.8-L) container, properly labeled and sealed, of each color and type of finish coat paint used on Project. PART 2 - PRODUCTS 21 PAINT A. Manufacturer's best-quality paint material of the various coating types specified. B. Provide paint and coatings manufactured by Sherwin Williams or approved equal. PART 3 - EXECUTION 31 INSTALLATION A. Comply with paint manufacturer's written instructions for surface preparation, environmental and substrate conditions, product mixing, and application. 3.2 EXTERIOR PAINT SCHEDULE A. Concrete, Stucco, and Masonry: As follows: 1. Low-Luster Acrylic: 2 coats over primer. B. Concrete Masonry Units: As follows: 1. Low-Luster Acrylic: 2 coats over block filler. C. Exterior Gypsum Soffit Board: As follows: 1. Semigloss, Acrylic Enamel: 2 coats over primer. D. Smooth Wood: As follows: 1. Semigloss, Acrylic Enamel: 2 coats over primer. E. Wood Trim: As follows: 1. Medium-Grade, Semigloss, Acrylic Enamel: 2 coats over primer. F. Plywood: As follows: 1. Low-Luster Acrylic: 2 coats over primer. G. Stained Wood: As follows: 1. Flat Alkyd: One coat semitransparent, alkyd, penetrating wood stain. H. Ferrous Metal: As follows: 1. Full-Gloss, Alkyd Enamel: 2 coats over rust-inhibitive primer. I. Zinc-Coated Metal: As follows: 1. Full-Gloss, Alkyd Enamel: 2 coats over galvanized metal primer. J. Aluminum: As follows: 1. Full-Gloss, Alkyd Enamel: 2 coats over primer. 3.3 INTERIOR PAINT SCHEDULE A. Concrete and Masonry: As follows: 1. Low-Luster, Acrylic Enamel: 2 coats over primer. B. Concrete Masonry Units: As follows: 1. Low-Luster, Acrylic Enamel: 2 coats over block filler. C. Mineral-Fiber-Reinforced Cement Panels: As follows: 1. Flat Acrylic: 2 coats. D. Gypsum Board: As follows: 1. Low-Luster, Acrylic Enamel: 2 coats over primer. E. Plaster: As follows: 1. Low-Luster, Acrylic Enamel: 2 coats over primer. F. Woodwork and Hardboard: As follows: 1. Semigloss, Acrylic Enamel: 2 coats over primer. G. Stained Woodwork: As follows: 1. Alkyd-Based, Satin Varnish: 2 coats clear-satin varnish over sealer and wood stain. 2. Waterborne, Satin Varnish: 2 coats clear-satin varnish over sealer and wood stain. 3. Water-Based, Full-Gloss, Varnish: 2 coats Full-Gloss varnish over sealer and wood stain. H. Natural-Finish Woodwork: As follows: 1. Alkyd-Based, Satin Varnish: 2 coats clear-satin varnish over sealer. 2. Waterborne, Satin Varnish: 2 coats clear-satin varnish over sealer. 3. Water-Based, Full-Gloss, Varnish: 2 coats Full-Gloss varnish over sealer. I. Wax-Polished Finish: 3 coats paste wax over sealer. J. Ferrous Metal: As follows: 1. Full-Gloss, Alkyd Enamel: 2 coats over undercoater and primer. J. Zinc-Coated Metal: As follows: 1. Full-Gloss, Alkyd Enamel: One coat over undercoater and primer. END OF SECTION 09310 SECTION 15055 - COMMON PIPING REQUIREMENTS PART 1 - GENERAL (Not Applicable) PART 2 - PRODUCTS 21 SUPPORTING DEVICES A. Hanger and Pipe Attachments: Factory fabricated with galvanized coatings; nonmetallic coated for hangers in direct contact with copper tubing. B. Building Attachments: Powder-actuated-type, drive-pin attachments with pullout and shear capacities appropriate for supported loads and building materials UL listing and FM approval for fire-protection systems. C. Mechanical-Anchor Fasteners: Insert-type attachments with pullout and shear capacities appropriate for supported loads and building materials UL listing and FM approval for fire-protection systems. PART 3 - EXECUTION 31 INSTALLATION A. Install piping free of sags and bends. B. Install fittings for changes in direction and branch connections. C. Install sleeves for pipes passing through concrete and masonry walls, gypsum-board partitions, concrete floor, and roof slabs. D. Exterior Wall, Pipe Penetrations: Mechanical sleeve seals installed in steel or cast-iron pipes for wall sleeves. E. Install dielectric union and flanges to connect piping materials of dissimilar metals in gas, compressed air, and vacuum piping. F. Install dielectric coupling and nipple fittings to connect piping materials of dissimilar metals in water and steam piping. 3.2 HANGERS AND SUPPORTS A. Install building attachments within concrete or to structural steel. Install additional attachments in concrete slabs, loads, including valves, flanges, guides, strainers, expansion joints, and at changes in direction of piping. B. Install powder-actuated drive-pin fasteners in concrete after concrete is cured. Do not use in lightweight concrete or in slabs less than 4 inches (100 mm) thick. C. Install mechanical anchor fasteners in concrete after concrete is cured. Do not use in lightweight concrete or in slabs less than 4 inches (100 mm) thick. D. Load Distribution: Install hangers and supports so piping live and dead loading and stresses from movement will not be transmitted to connected equipment. END OF SECTION 15055 PROJECT: FISH MARKET IMPROVEMENTS ESTATE LA REINE ST. CROIX, U.S.V.I. DRAWING INFORMATION: DATE: 8-4-17 DRAWN BY: STAFF i:\Active Projects\Fish Market SHEET NUMBER: G1 Steven E. Hutchins AIA Architects, Inc. 109-113 ESTATE CASTLE COAKLEY CHRISTIANSTED, ST. CROIX U.S. VIRGIN ISLANDS 00822 TEL 340-778-8898 FAX 340-778-7754	 SECTION 09220 - PORTLAND CEMENT PLASTER PART 1 - GENERAL 11 SECTION REQUIREMENTS A. Submit Product Data and finish samples. PART 2 - PRODUCTS 31 LATH A. Woven-Wire Lath: ASTM C 1032, fabricated into 1-1/2-inch (38-mm) hexagonal-shaped mesh with minimum 0.0510-inch- (1.3-mm-) diameter, galvanized steel wire. B. Paper Backing: Asphalt-impregnated paper complying with FS U-1-B-190. C. Flat Acrylic: 2 coats. D. Gypsum Board: As follows: 1. Low-Luster, Acrylic Enamel: 2 coats over primer. E. Plaster: As follows: 1. Low-Luster, Acrylic Enamel: 2 coats over primer. F. Woodwork and Hardboard: As follows: 1. Semigloss, Acrylic Enamel: 2 coats over primer. G. Stained Woodwork: As follows: 1. Alkyd-Based, Satin Varnish: 2 coats clear-satin varnish over sealer and wood stain. 2. Waterborne, Satin Varnish: 2 coats clear-satin varnish over sealer and wood stain. 3. Water-Based, Full-Gloss, Varnish: 2 coats Full-Gloss varnish over sealer and wood stain. 4. Alkyd-Based Stain, Wax-Polished Finish: 3 coats paste wax over sealer and wood stain. H. Natural-Finish Woodwork: As follows: 1. Alkyd-Based, Satin Varnish: 2 coats clear-satin varnish over sealer. 2. Waterborne, Satin Varnish: 2 coats clear-satin varnish over sealer. 3. Water-Based, Full-Gloss, Varnish: 2 coats Full-Gloss varnish over sealer. I. Wax-Polished Finish: 3 coats paste wax over sealer. F. Ferrous Metal: As follows: 1. Full-Gloss, Alkyd Enamel: 2 coats over undercoater and primer. J. Zinc-Coated Metal: As follows: 1. 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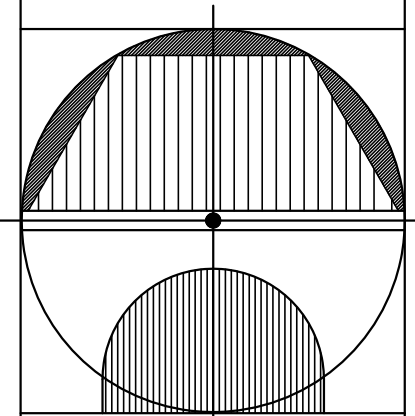


A0-1 SITE PLAN
1" = 30'-0"



A0-2 ENLARGED SITE PLAN ENTRY
1" = 10'-0"

NOTE
1. REFERENCE SHEET A0.1 & A0.2 FOR SITE RELATED DETAILS.



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PROJECT: **FISH MARKET IMPROVEMENTS**
ESTATE LA REINE
ST. CROIX, U.S.V.I.

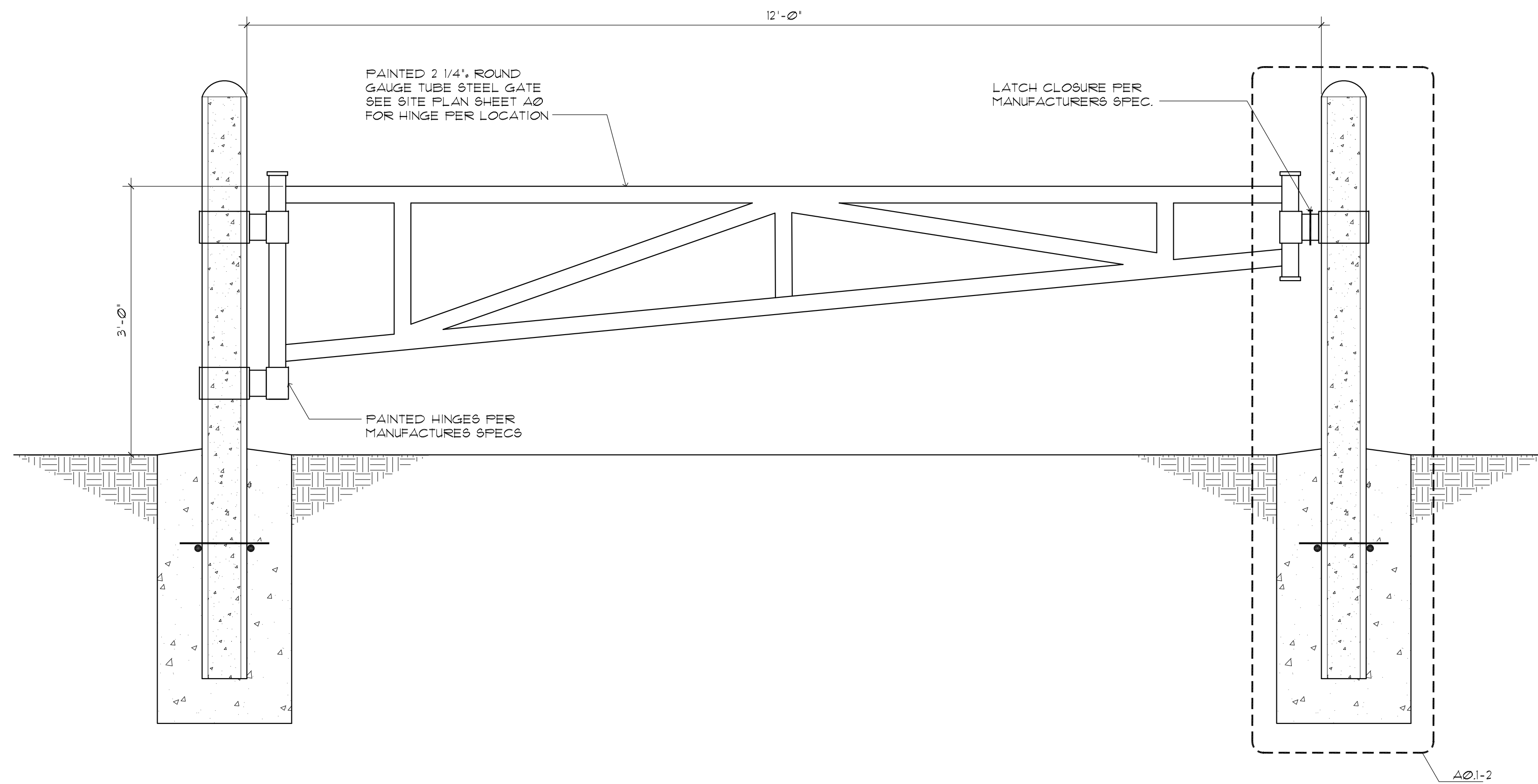
DRAWING INFORMATION:
SITE PLAN

DATE: 8-4-17
DRAWN BY: STAFF

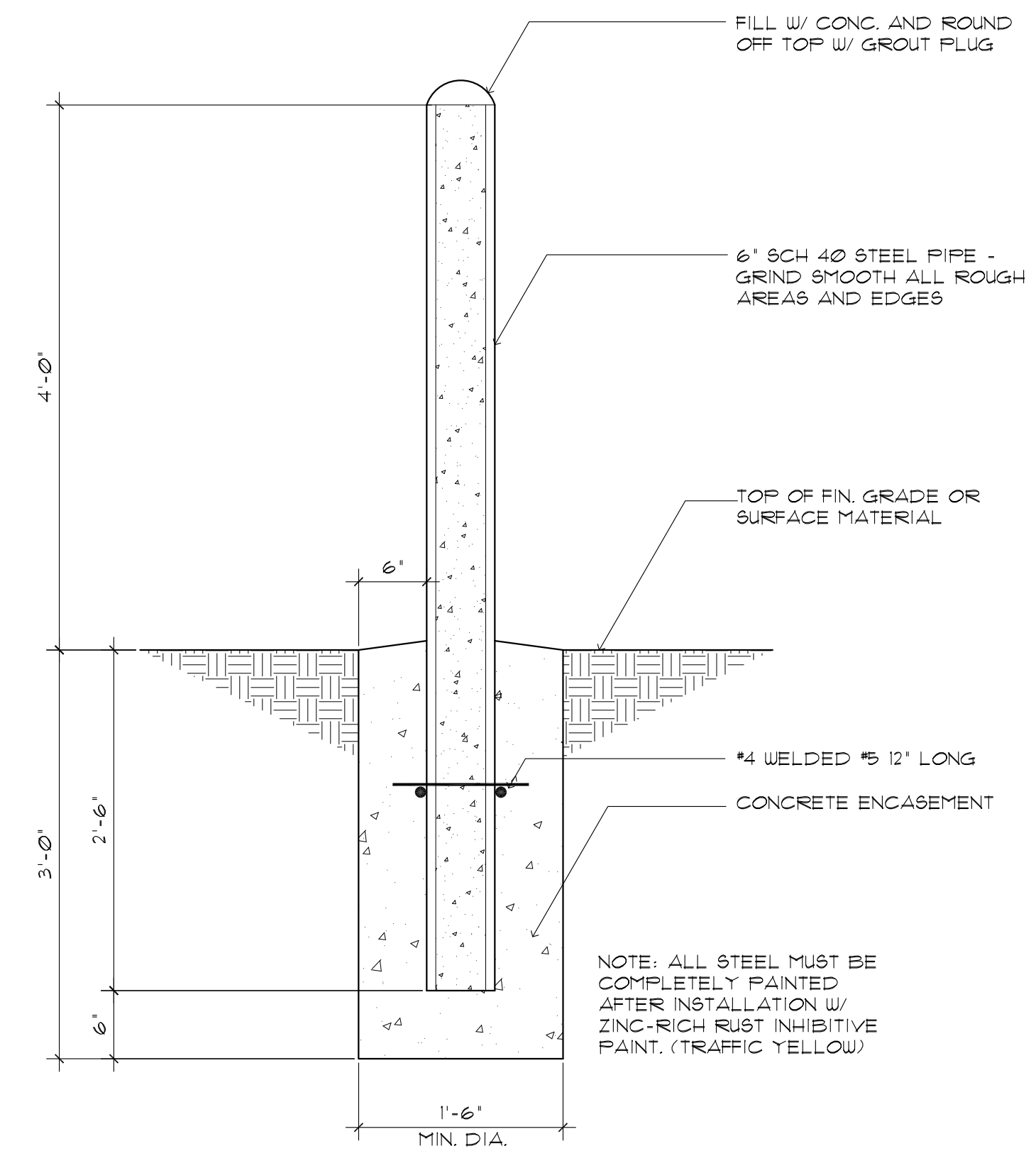
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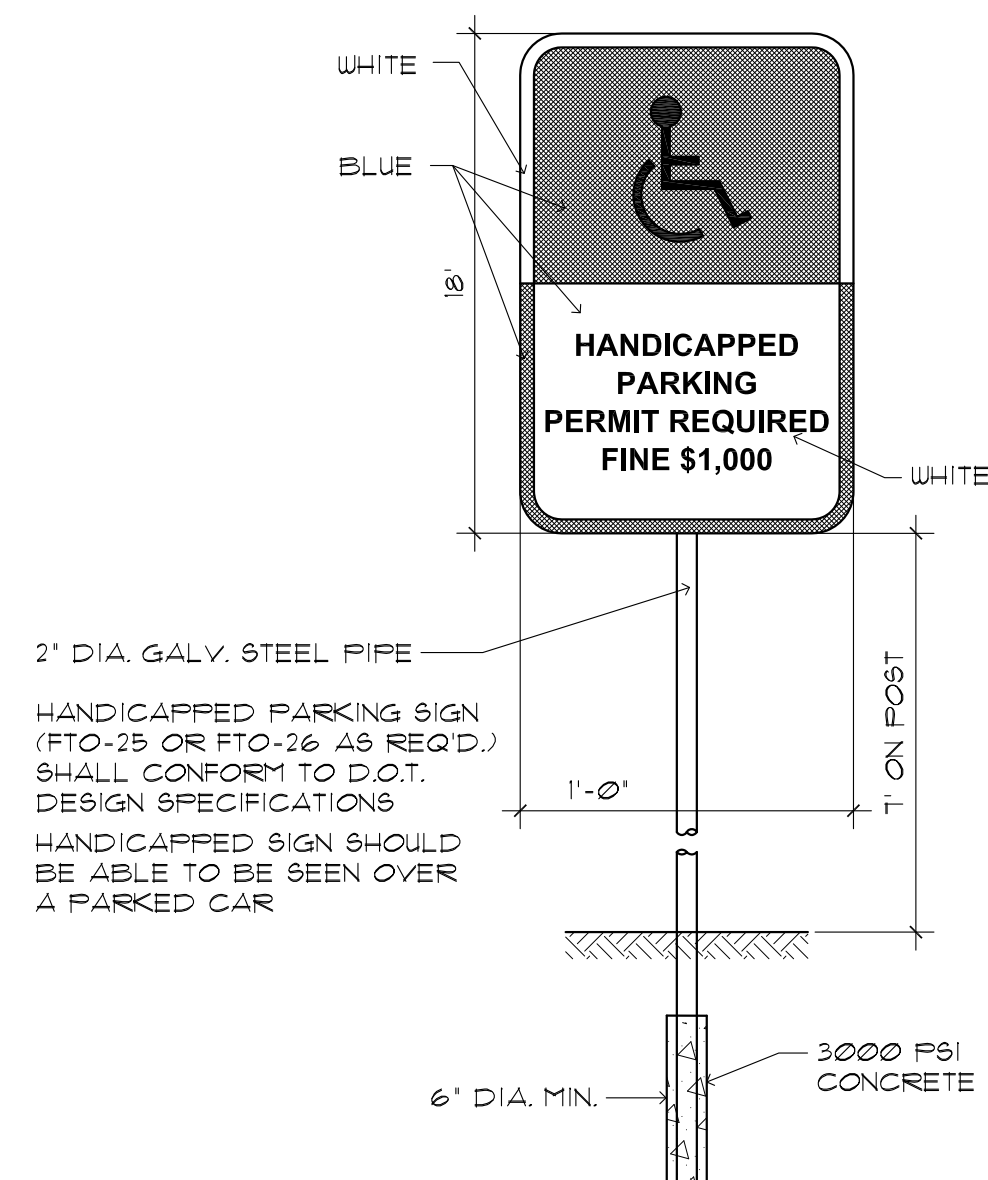
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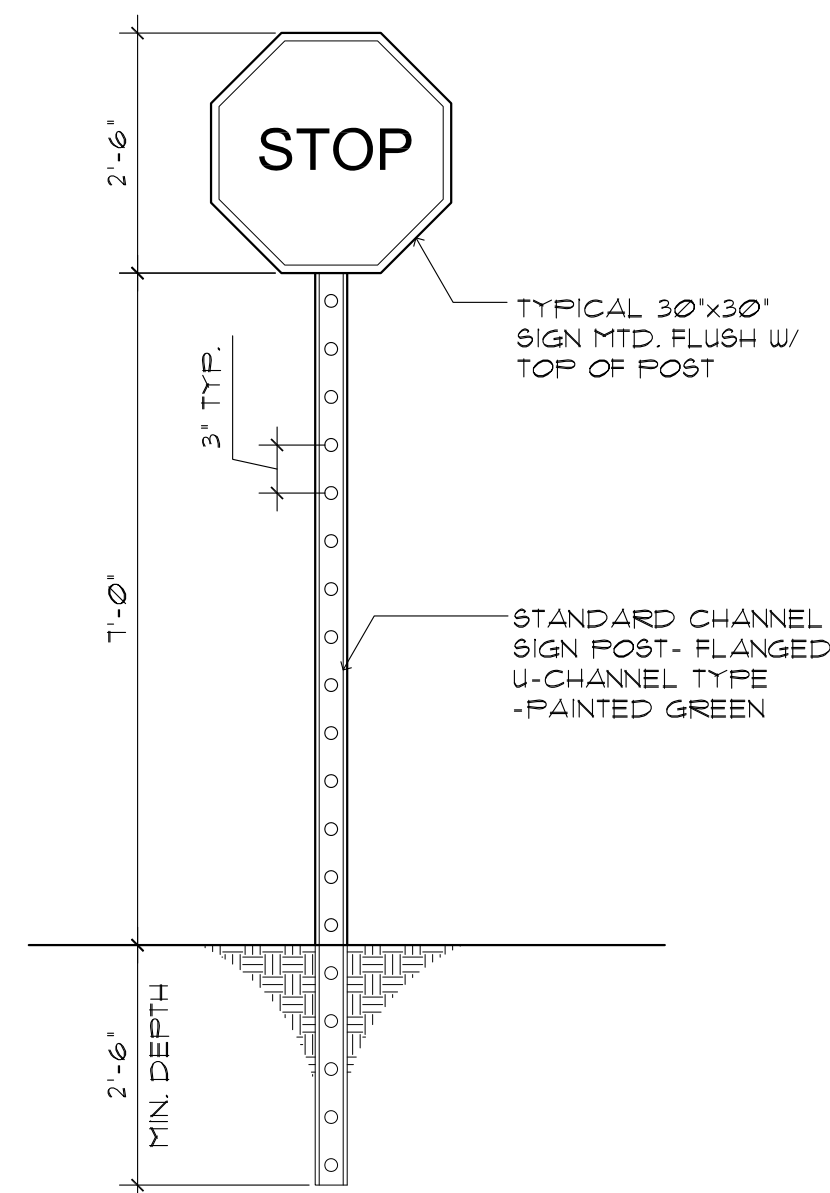
A0.1-1 DETAIL @ BARRIER ENTRY GATE
1"=1'-0"



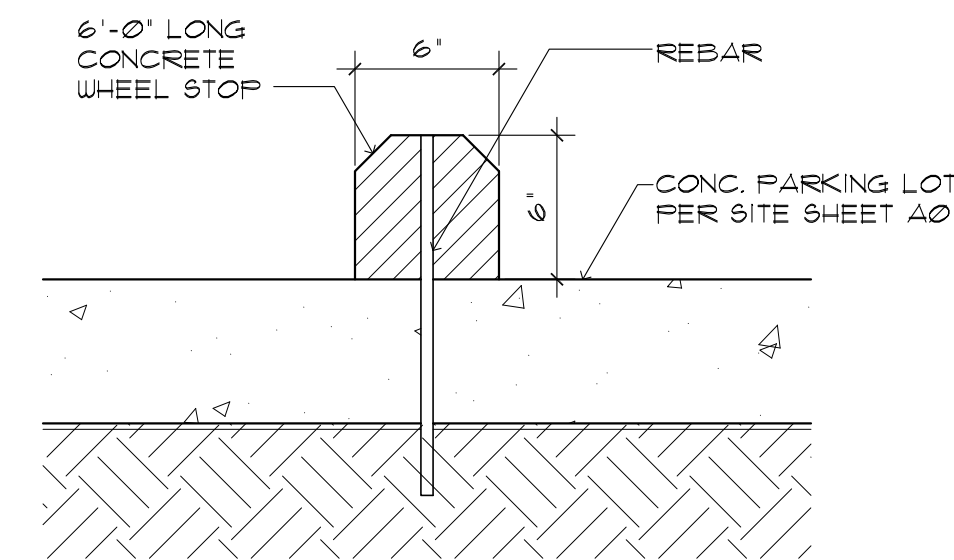
A0.1-2 DETAIL @ BOLLARD
1"=1'-0"



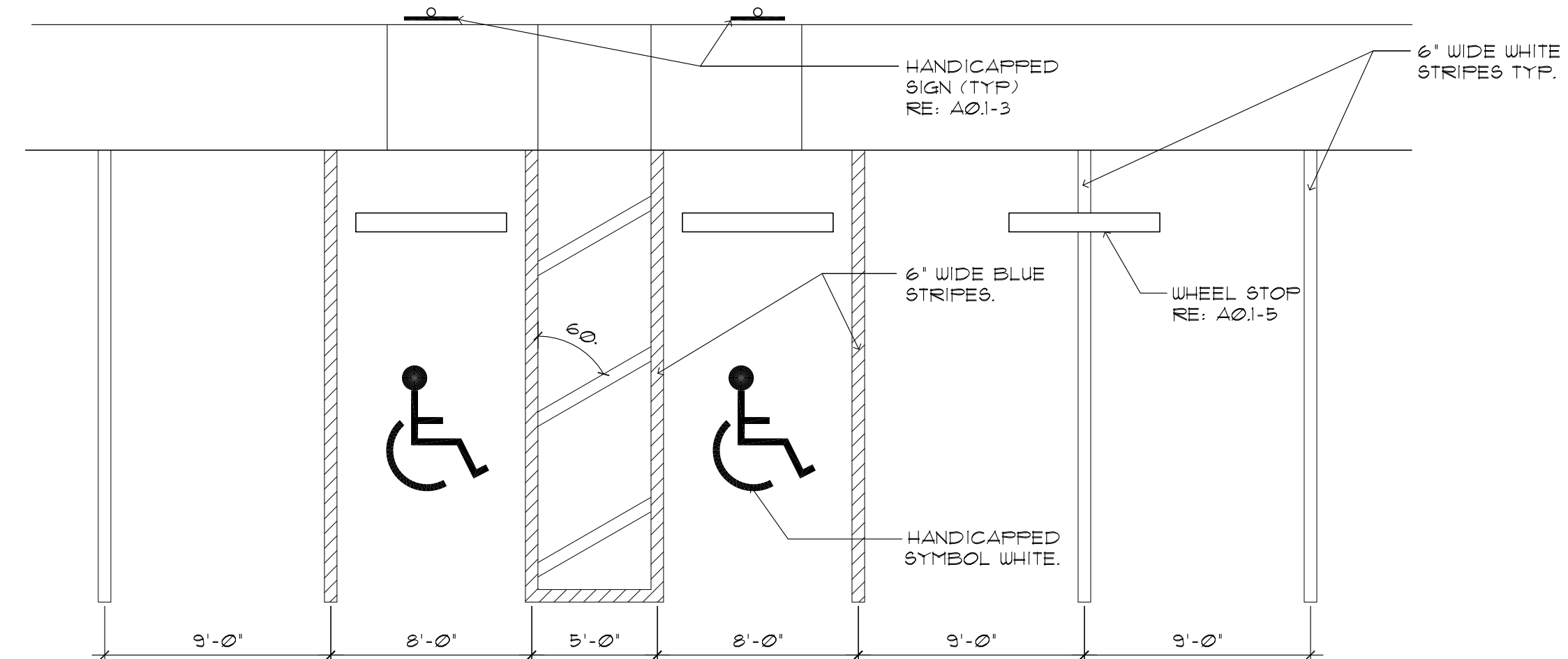
A0.1-3 H.C. PARKING SIGN
1/4"=1'-0"



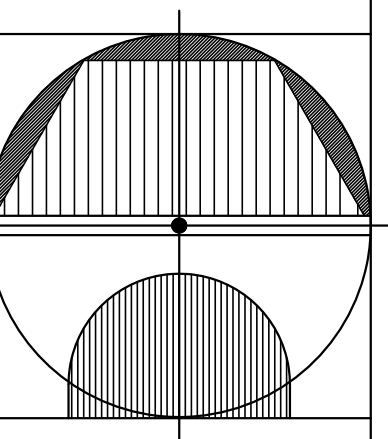
A0.1-4 STOP SIGN DETAIL
1/2"=1'-0"



A0.1-5 WHEEL STOP
1 1/2"=1'-0"



A0.1-6 HANDICAP/ STANDARD PARKING DETAIL
3/16"=1'-0"



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PROJECT: **FISH MARKET
IMPROVEMENTS**
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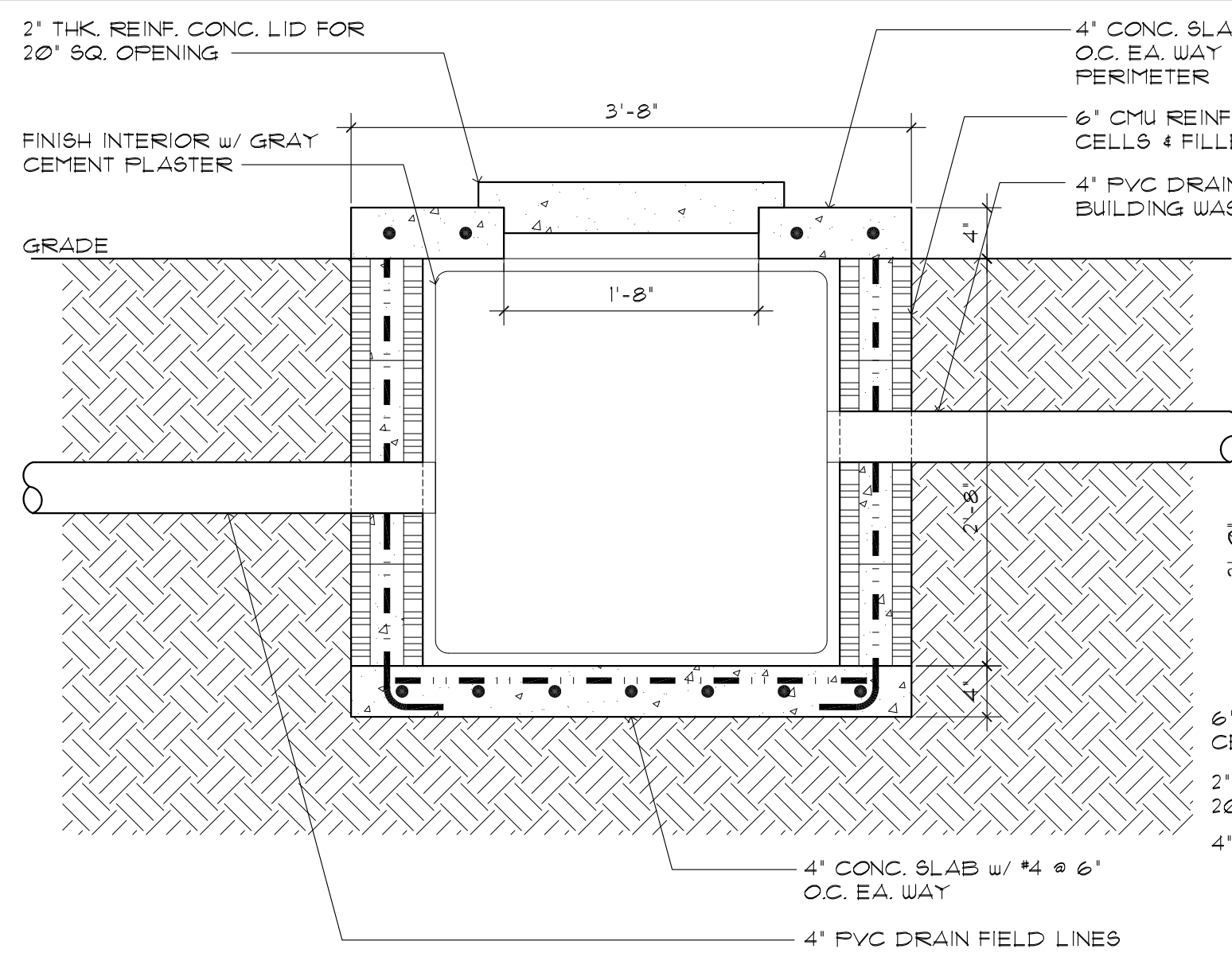
DRAWING INFORMATION:
SITE DETAILS

DATE: 8-4-17
DRAWN BY: STAFF

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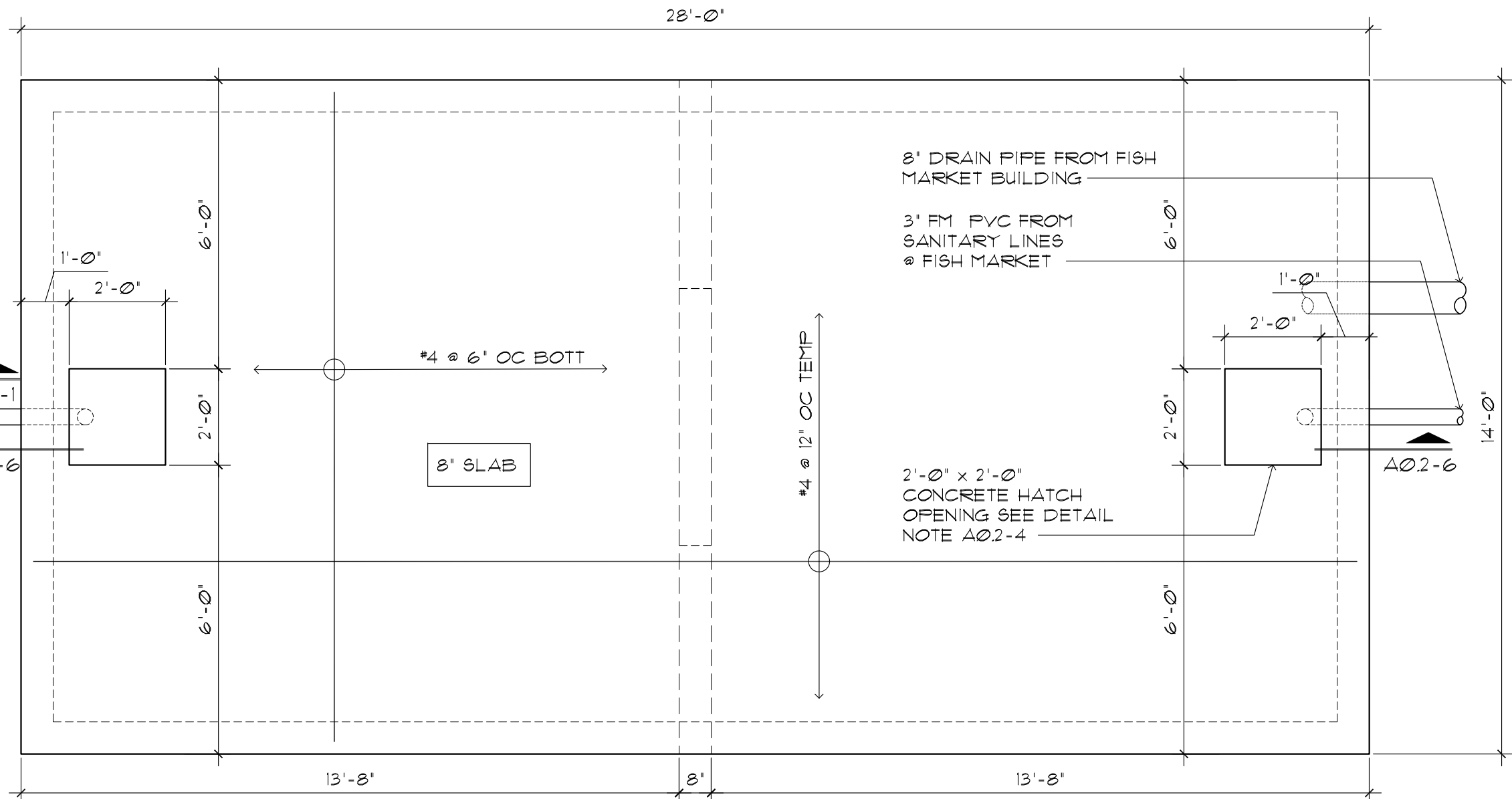
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A0.1

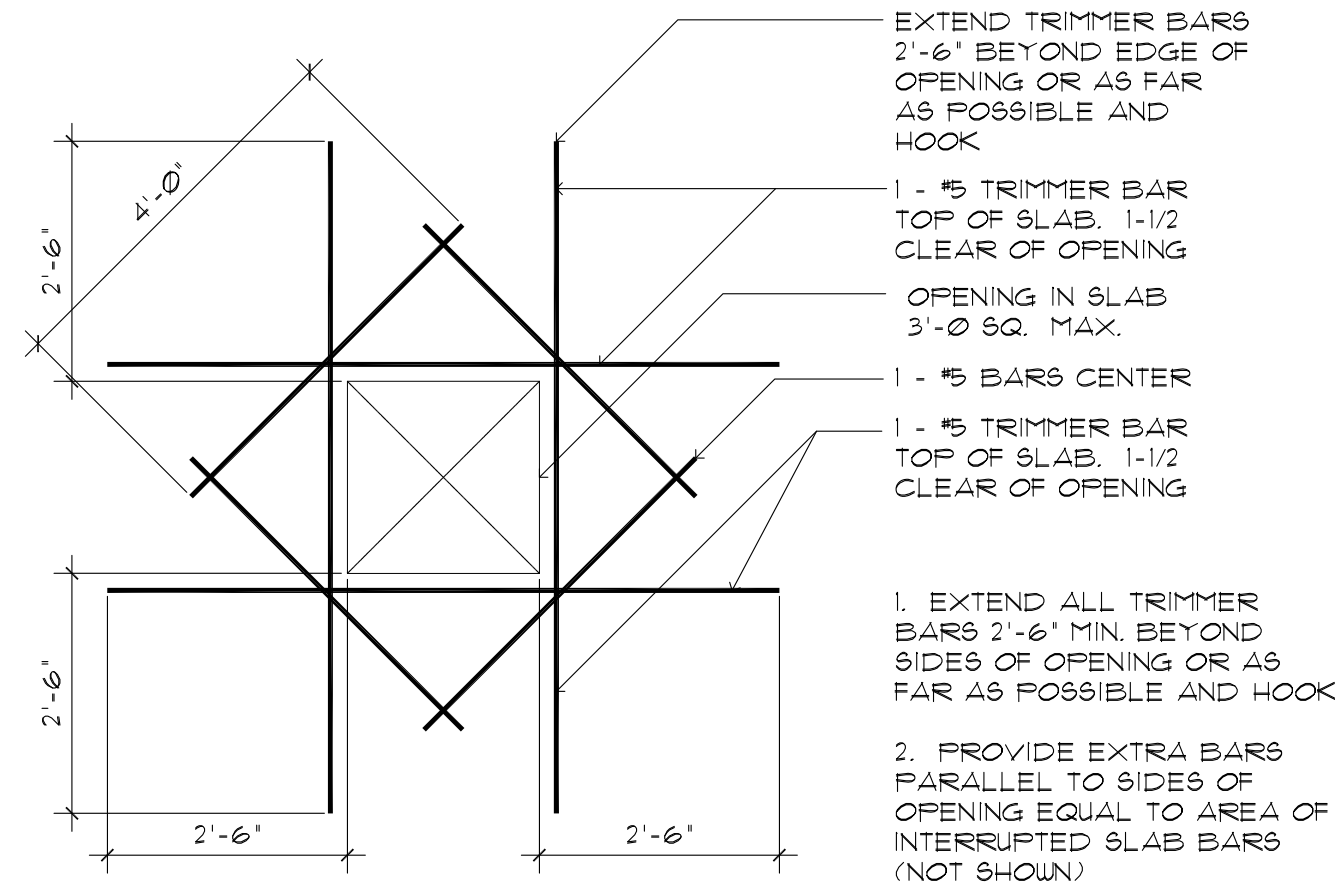


A0.2-1 SECTION @ DISTRIBUTION BOX

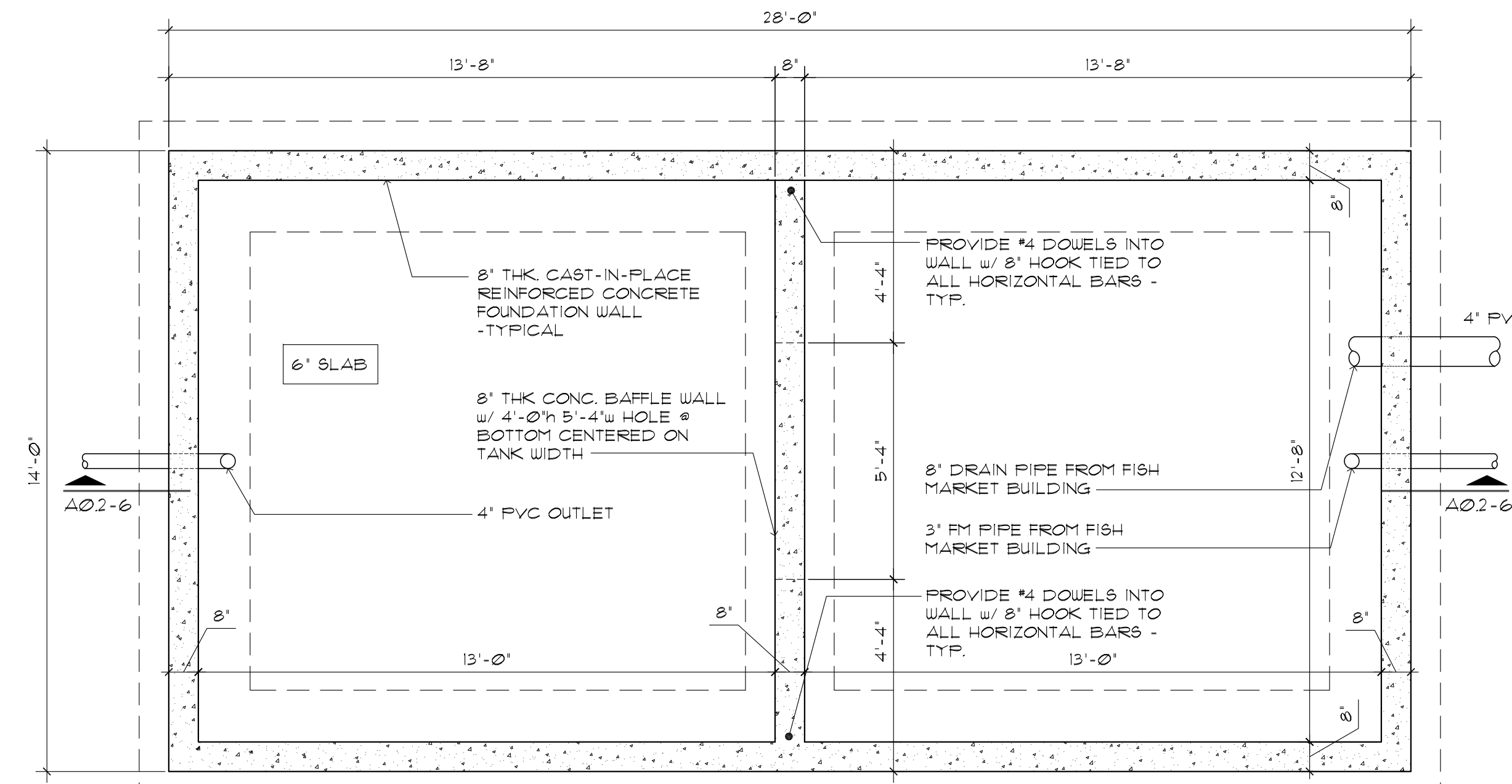
A0.2-2 DISTRIBUTION BOX PLAN



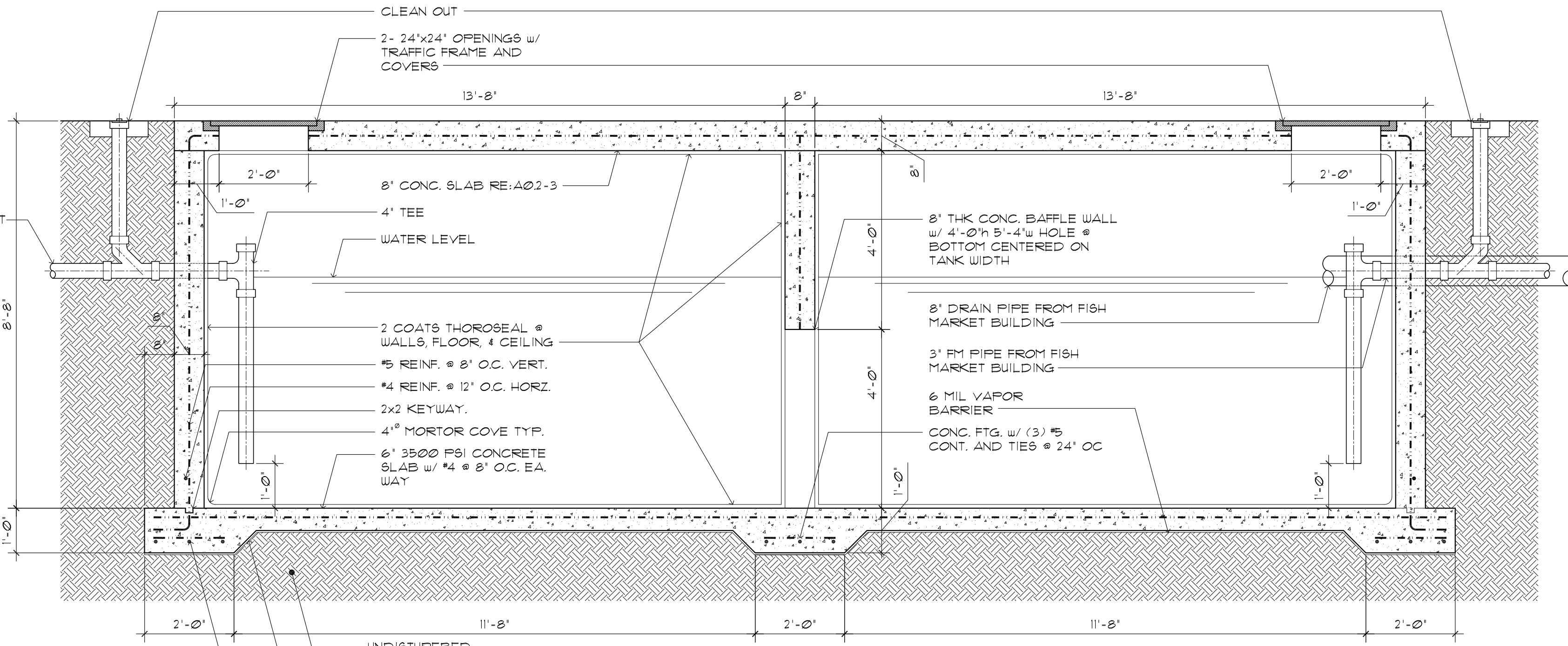
A0.2-3 REINFORCED CONCRETE HOLDING TANK SLAB PLAN



A0.2-4 OPENING IN SLAB



A0.2-5 REINFORCED CONCRETE HOLDING TANK FOUNDATION PLAN



A0.2-6 SECTION @ HOLDING TANK

GENERAL NOTES:

1. SYSTEM SHALL MEET ALL OF THE REQUIREMENTS OF THE VIRGIN ISLANDS DEPARTMENT OF ENVIRONMENTAL PROTECTION. HOLDING TANK SIZE PER THE LAWS OF THE U.S.V.I.
2. SANITARY DRAIN PIPING SHALL BE SCHEDULE 40 PVC WITH SOLVENT WELD JOINTS.
3. PIPING SHALL BE INSTALLED AT 1/4" PER FOOT SLOPE.
4. LOW PRESSURE PIPING MAY BE INSTALLED FLAT.

FLOW CALCULATIONS:

1. BUILDING CONSISTS OF 10 SINKS WITH GARBAGE DISPOSERS. DISCHARGE TO HOLDING TANK SYSTEM BASED ON A CONTROLLED PUMPING FLOW RATE OF 15 GPM.
2. TOTAL LOADING = 150 GPM.
3. DISCHARGING MAXIMUM DAILY DEMAND: 500 GAL X 2 = 1000 GPD
4. REQUIRED DRAINFIELD AREA: 1000 GPD / 0.8 = 1250 SF.
5. SIZE OF DRAINFIELD: 52 FT X 24 FT = 1248

FLOW CALCULATIONS:

1. BUILDING CONSISTS OF 10 SINKS WITH GARBAGE DISPOSERS. DISCHARGE TO HOLDING TANK SYSTEM BASED ON A CONTROLLED PUMPING FLOW RATE OF 15 GPM.
2. TOTAL LOADING = 150 GPM.
3. DISCHARGING MAXIMUM DAILY DEMAND: 500 GAL X 2 = 1000 GPD
4. REQUIRED DRAINFIELD AREA: 1000 GPD / 0.8 = 1250 SF.
5. SIZE OF DRAINFIELD: 52 FT X 24 FT = 1248
6. HOLDING TANK LOCATION SHALL MEET THE FOLLOWING CONDITIONS:

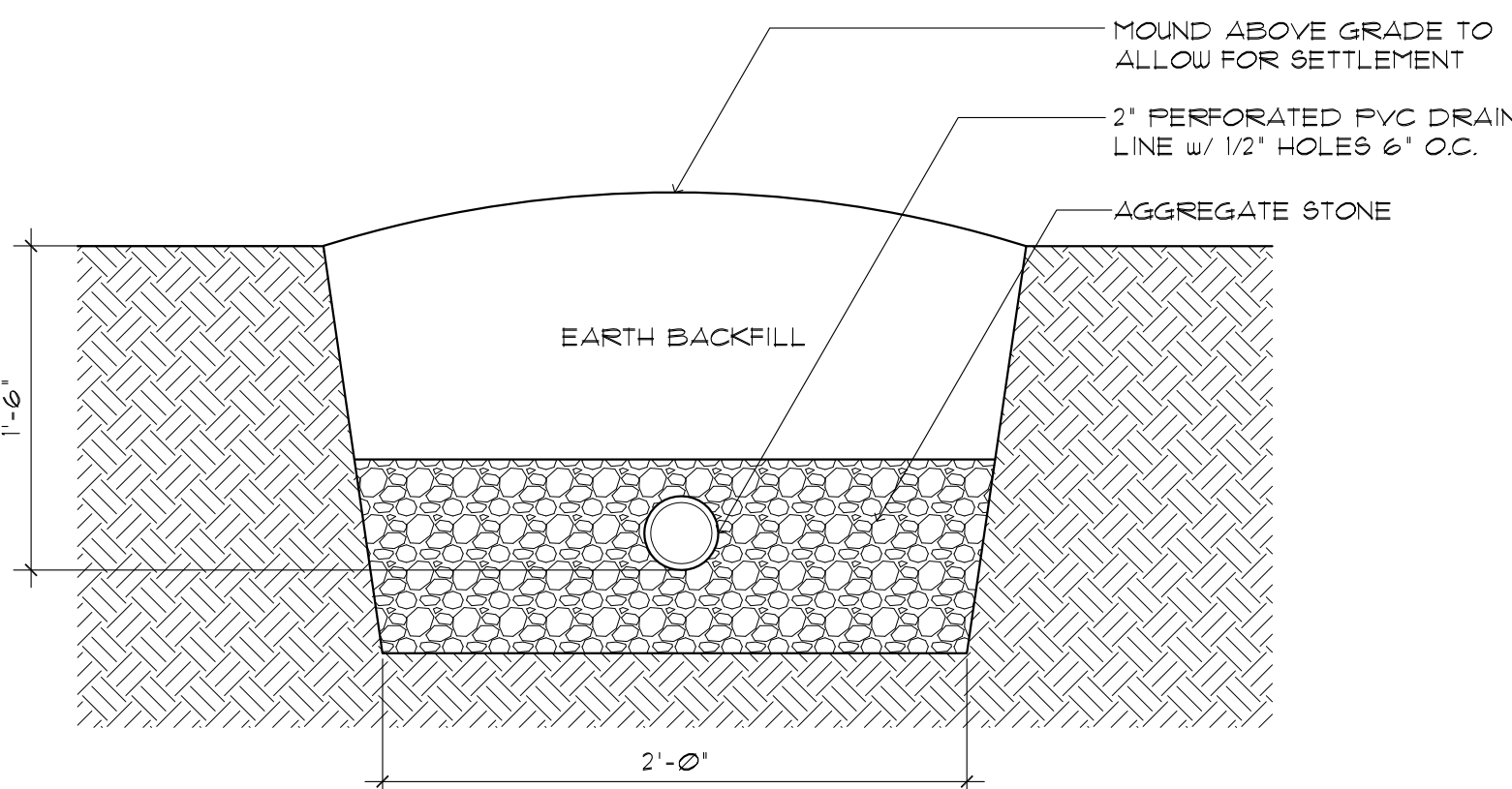
A. MIN. DISTANCE FROM BUILDINGS	5 FT
B. MIN. DISTANCE FROM WATER SUPPLY WELLS	15 FT
C. MIN. DISTANCE FROM DOMESTIC WATER LINE	10 FT
D. MIN. DISTANCE FROM LARGE TREES	10 FT

DRAINFIELD NOTES:

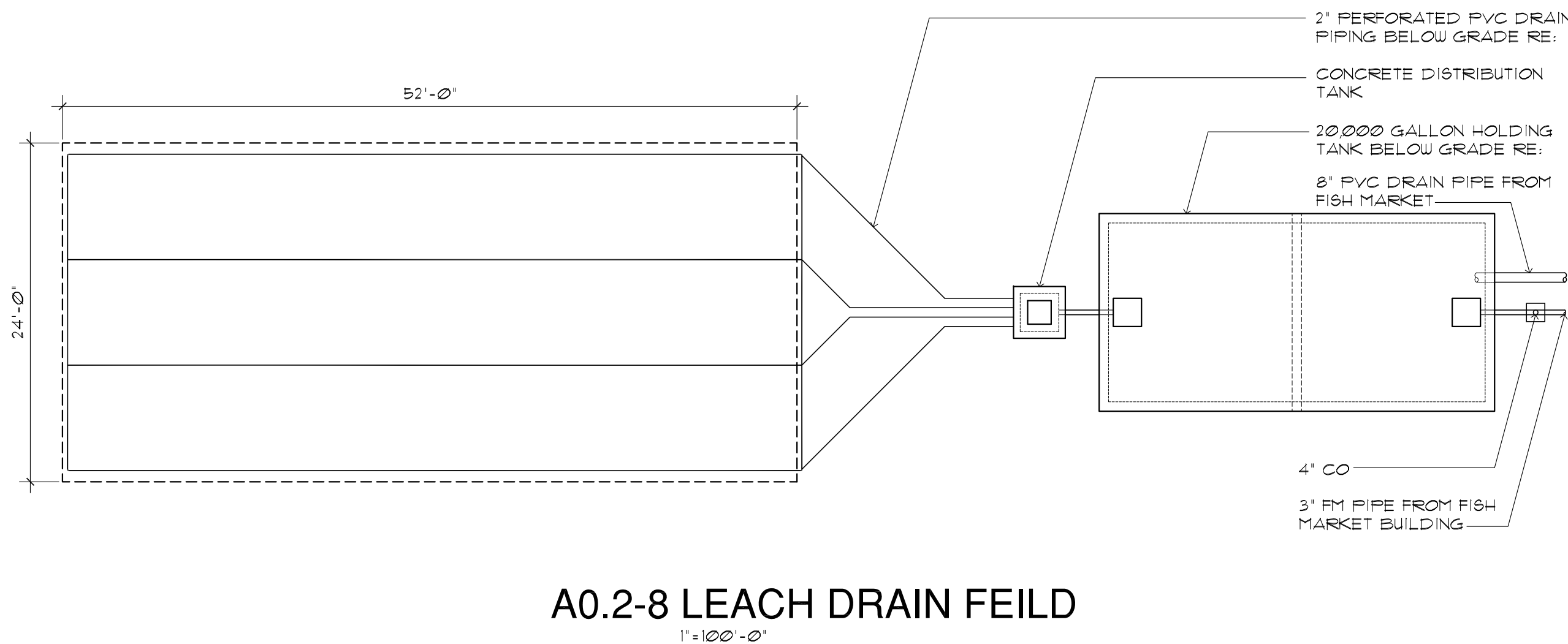
1. PROPOSED SYSTEM SHALL HAVE THE CAPACITY TO ABSORB A QUANTITY OF CLEAR WATER IN A 24 HOUR PERIOD EQUAL TO AT LEAST FIVE TIMES THE LIQUID CAPACITY OF THE PROPOSED HOLDING TANK.
2. DRAINFIELD CONSTRUCTION SHALL MEET THE FOLLOWING CONDITIONS:

A. NUMBER DRAIN LINES	4
B. BOTTOM WIDTH OF EACH TRENCH	36 INCHES
C. SPACING OF LINES CENTER TO CENTER	6 FT
D. DEPTH OF EARTH COVER OVER LINES	12 INCHES
3. DRAINFIELD LOCATION SHALL MEET THE FOLLOWING CONDITIONS:

A. MIN. DISTANCE FROM BUILDINGS	8 FT
B. MIN. DISTANCE FROM WATER SUPPLY WELLS	100 FT
C. MIN. DISTANCE FROM DOMESTIC WATER LINE	5 FT
D. MIN. DISTANCE FROM DISTRIBUTION BOX	5 FT



A0.2-7 DRAIN LINE DETAIL



A0.2-8 LEACH DRAIN FEILD

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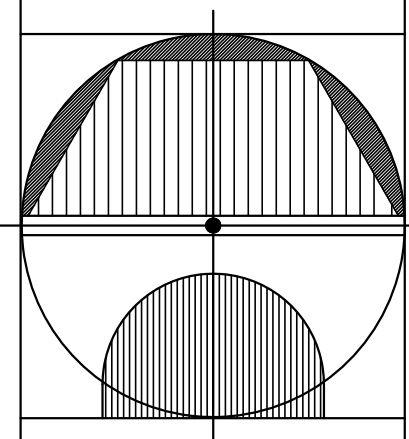
DRAWING INFORMATION:
STORAGE TANK

DATE: 8-4-17
DRAWN BY: STAFF

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SHEET NUMBER:

A0.2



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PROJECT:
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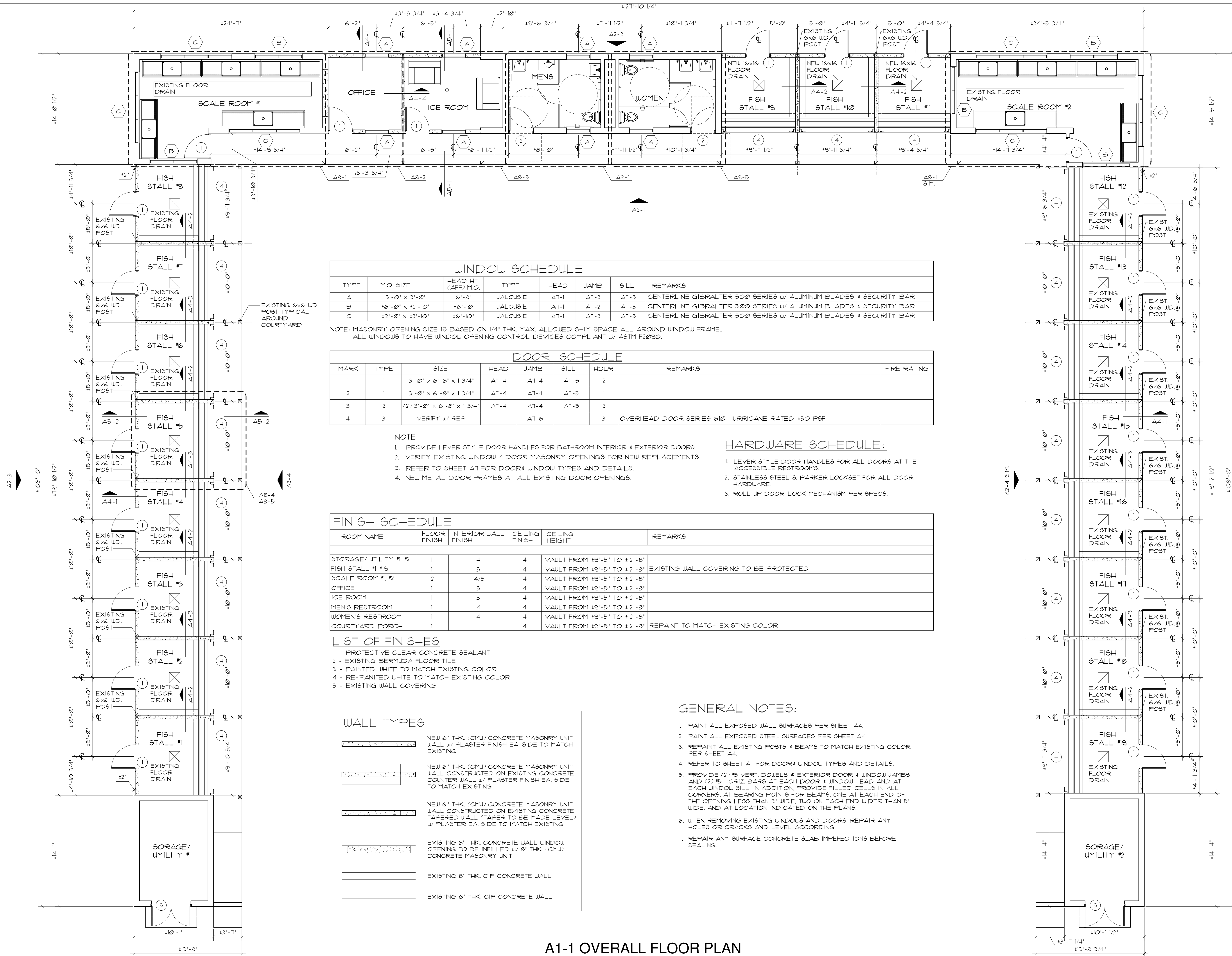
DRAWING INFORMATION:
OVERALL FLOOR PLAN

DATE: 8-4-17
DRAWN BY: STAFF

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SHEET NUMBER:

A1



WINDOW SCHEDULE							
TYPE	M.O. SIZE	HEAD HT (AFF) M.O.	TYPE	HEAD	JAMB	SILL	REMARKS
A	3'-0" x 3'-0"	6'-8"	JALOUSIE	A7-1	A7-2	A7-3	CENTERLINE GIBRALTER 500 SERIES w/ ALUMINUM BLADES & SECURITY BAR
B	6'-0" x 12'-10"	16'-10"	JALOUSIE	A7-1	A7-2	A7-3	CENTERLINE GIBRALTER 500 SERIES w/ ALUMINUM BLADES & SECURITY BAR
C	19'-0" x 12'-10"	16'-10"	JALOUSIE	A7-1	A7-2	A7-3	CENTERLINE GIBRALTER 500 SERIES w/ ALUMINUM BLADES & SECURITY BAR

NOTE: MASONRY OPENING SIZE IS BASED ON 1/4" THK. MAX. ALLOWED SHIM SPACE ALL AROUND WINDOW FRAME.
ALL WINDOWS TO HAVE WINDOW OPENING CONTROL DEVICES COMPLIANT w/ ASTM F2030.

DOOR SCHEDULE							
MARK	TYPE	SIZE	HEAD	JAMB	SILL	HDWR	REMARKS
1	1	3'-0" x 6'-8" x 1 3/4"	A7-4	A7-4	A7-5	2	
2	1	3'-0" x 6'-8" x 1 3/4"	A7-4	A7-4	A7-5	1	
3	2	(2) 3'-0" x 6'-8" x 1 3/4"	A7-4	A7-4	A7-5	2	
4	3	VERIFY w/ REP		A7-6		3	OVERHEAD DOOR SERIES 610 HURRICANE RATED 150 PSF

NOTE

1. PROVIDE LEVER STYLE DOOR HANDLES FOR BATHROOM INTERIOR & EXTERIOR DOORS.
2. VERIFY EXISTING WINDOW & DOOR MASONRY OPENINGS FOR NEW REPLACEMENTS.
3. REFER TO SHEET A1 FOR DOOR & WINDOW TYPES AND DETAILS.
4. NEW METAL DOOR FRAMES AT ALL EXISTING DOOR OPENINGS.

HARDWARE SCHEDULE:

1. LEVER STYLE DOOR HANDLES FOR ALL DOORS AT THE ACCESSIBLE RESTROOMS.
2. STAINLESS STEEL 5. PARKER LOCKSET FOR ALL DOOR HARDWARE.
3. ROLL UP DOOR LOCK MECHANISM PER SPECS.

FINISH SCHEDULE					
ROOM NAME	FLOOR FINISH	INTERIOR WALL FINISH	CEILING FINISH	CEILING HEIGHT	REMARKS
STORAGE/ UTILITY #1, #2	1	4	4	VAULT FROM 19'-5" TO 12'-8"	
FISH STALL #1-#19	1	3	4	VAULT FROM 19'-5" TO 12'-8"	EXISTING WALL COVERING TO BE PROTECTED
SCALE ROOM #1, #2	2	4/5	4	VAULT FROM 19'-5" TO 12'-8"	
OFFICE	1	3	4	VAULT FROM 19'-5" TO 12'-8"	
ICE ROOM	1	3	4	VAULT FROM 19'-5" TO 12'-8"	
MEN'S RESTROOM	1	4	4	VAULT FROM 19'-5" TO 12'-8"	
WOMEN'S RESTROOM	1	4	4	VAULT FROM 19'-5" TO 12'-8"	
COURTYARD PORCH	1		4	VAULT FROM 19'-5" TO 12'-8"	REPAINT TO MATCH EXISTING COLOR

LIST OF FINISHES

- 1 - PROTECTIVE CLEAR CONCRETE SEALANT
- 2 - EXISTING BERMUDA FLOOR TILE
- 3 - PAINTED WHITE TO MATCH EXISTING COLOR
- 4 - RE-PAINTED WHITE TO MATCH EXISTING COLOR
- 5 - EXISTING WALL COVERING

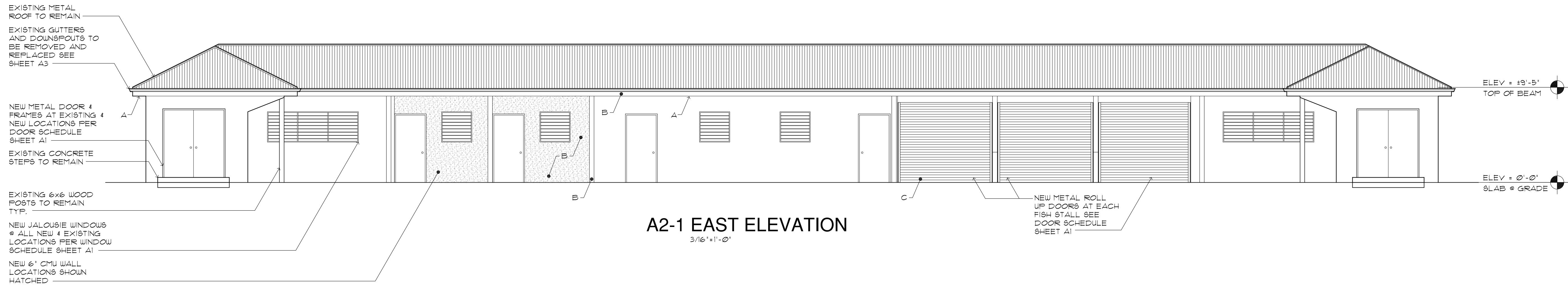
WALL TYPES

	NEW 6' THK. (CMU) CONCRETE MASONRY UNIT WALL w/ PLASTER FINISH EA. SIDE TO MATCH EXISTING
	NEW 6' THK. (CMU) CONCRETE MASONRY UNIT WALL CONSTRUCTED ON EXISTING CONCRETE COUNTER WALL w/ PLASTER FINISH EA. SIDE TO MATCH EXISTING
	NEW 6' THK. (CMU) CONCRETE MASONRY UNIT WALL CONSTRUCTED ON EXISTING CONCRETE TAPERED WALL (TAPER TO BE MADE LEVEL) w/ PLASTER EA. SIDE TO MATCH EXISTING
	EXISTING 8' THK. CONCRETE WALL WINDOW OPENING TO BE INFILLED w/ 8' THK. (CMU) CONCRETE MASONRY UNIT
	EXISTING 8' THK. CIP CONCRETE WALL
	EXISTING 6' THK. CIP CONCRETE WALL

GENERAL NOTES:

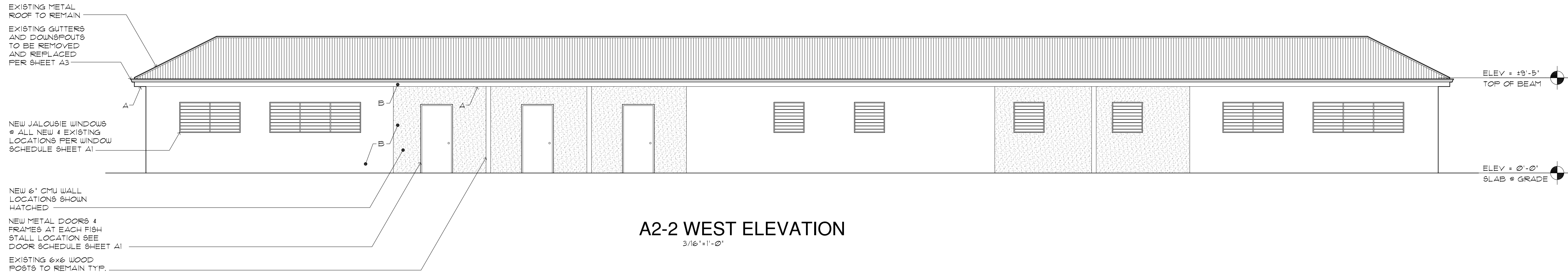
1. PAINT ALL EXPOSED WALL SURFACES PER SHEET A4.
2. PAINT ALL EXPOSED STEEL SURFACES PER SHEET A4.
3. REPAINT ALL EXISTING POSTS & BEAMS TO MATCH EXISTING COLOR PER SHEET A4.
4. REFER TO SHEET A1 FOR DOOR & WINDOW TYPES AND DETAILS.
5. PROVIDE (2) 5 VERT. DOWELS @ EXTERIOR DOOR & WINDOW JAMBS AND (2) 5 HORIZ. BARS AT EACH DOOR & WINDOW HEAD AND AT EACH WINDOW SILL. IN ADDITION, PROVIDE FILLED CELLS IN ALL CORNERS, AT BEARING POINTS FOR BEAMS, ONE AT EACH END OF THE OPENING LESS THAN 5' WIDE, TWO ON EACH END WIDER THAN 5' WIDE, AND AT LOCATION INDICATED ON THE PLANS.
6. WHEN REMOVING EXISTING WINDOWS AND DOORS, REPAIR ANY HOLES OR CRACKS AND LEVEL ACCORDING.
7. REPAIR ANY SURFACE CONCRETE SLAB IMPEFECTIONS BEFORE SEALING.

A1-1 OVERALL FLOOR PLAN
3/16"=1'-0"



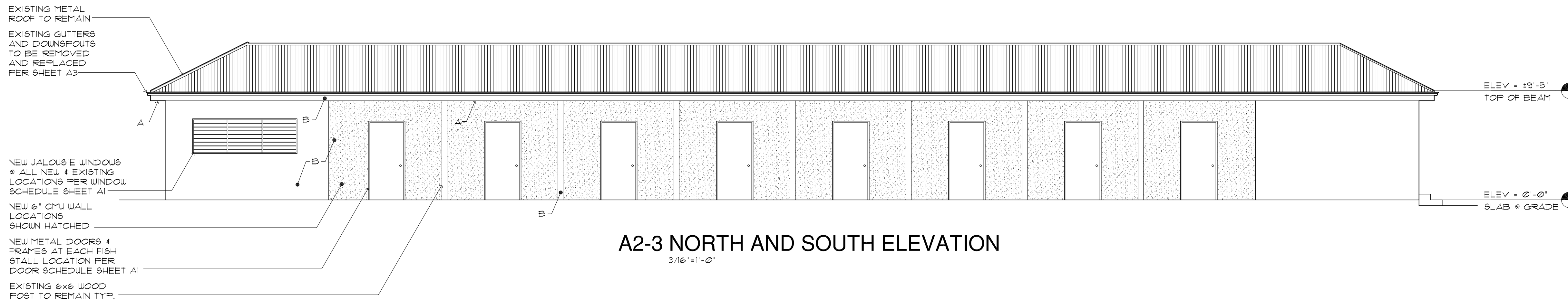
A2-1 EAST ELEVATION

3/16"=1'-0"



A2-2 WEST ELEVATION

3/16"=1'-0"



A2-3 NORTH AND SOUTH ELEVATION

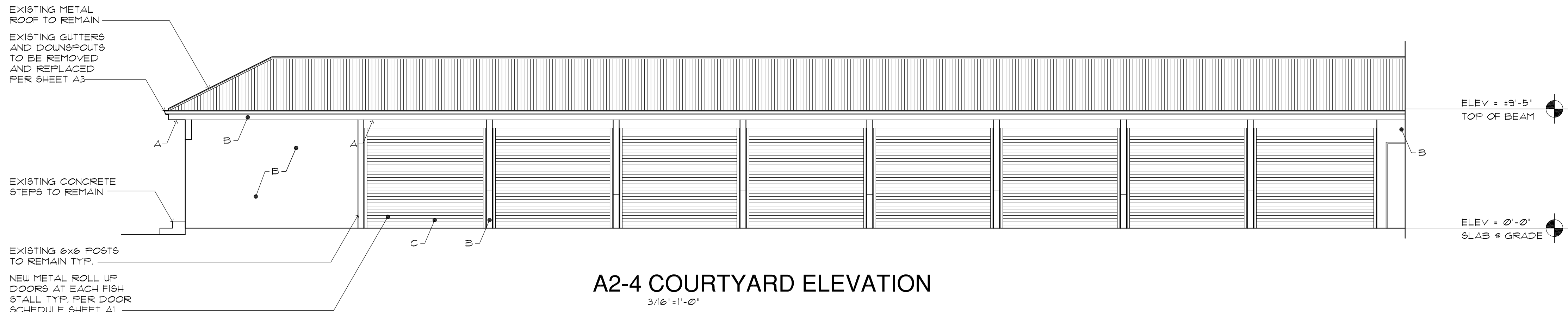
3/16"=1'-0"

EXTERIOR PAINT COLOR NOTES

1. FINISH FOR CONCRETE SURFACES SHALL BE PLASTER RUBBED ON CONCRETE TO ACHIEVE A UNIFORM FINISH AND PAINTED TO MATCH EXISTING.
2. ALL EXPOSED METAL SURFACES SHALL BE PAINTED.
3. REFER TO SCHEDULE FOR EXTERIOR PAINT COLOR.
4. PAINT ALL EXPOSED WOOD SURFACES.
5. PAINT ALL EXPOSED CONCRETE SURFACES.
6. EXPOSED RAFTERS AND GIRDER TRUSSES AT COURTYARD PORCH TO BE RE-PAINTED WHITE TO MATCH EXISTING.
7. ALL EXPOSED UNDERSIDE OF EAVES TO BE RE-PAINTED WHITE TO MATCH EXISTING.
8. EXISTING (2) 2x10 BEAM TO BE RE-PAINTED WHITE TO MATCH EXISTING.

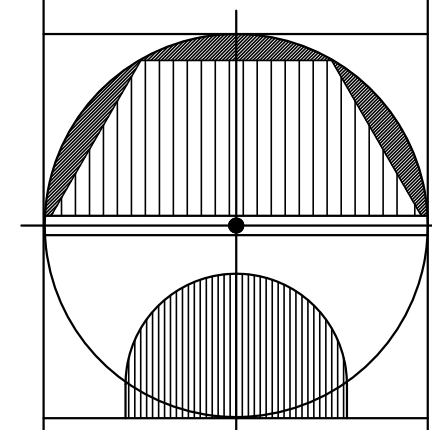
EXTERIOR PAINT COLOR SCHEDULE

MARK	MANUFACTURER	COLOR	LOCATION
A	PER CONTRACTOR	WHITE-MATCH EXISTING	UNDERSIDE OF EXPOSED RAFTER TAILS, T&G, AND BUILDING SIDE OF FASCIA
B	PER CONTRACTOR	YELLOW-MATCH EXISTING	ALL EXTERIOR WALLS, WOOD POSTS EXPOSED SIDE OF FASCIA
C	PER CONTRACTOR	FACTORY BAKED ON GRAY POLYESTER TOP COAT	ROLL UP DOORS



A2-4 COURTYARD ELEVATION

3/16"=1'-0"



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PROJECT: FISH MARKET
IMPROVEMENTS
ESTATE LA REINE
ST. CROIX, U.S.V.I.

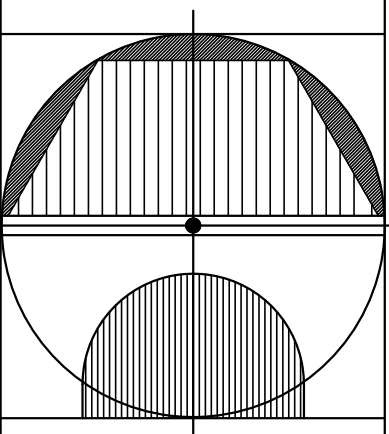
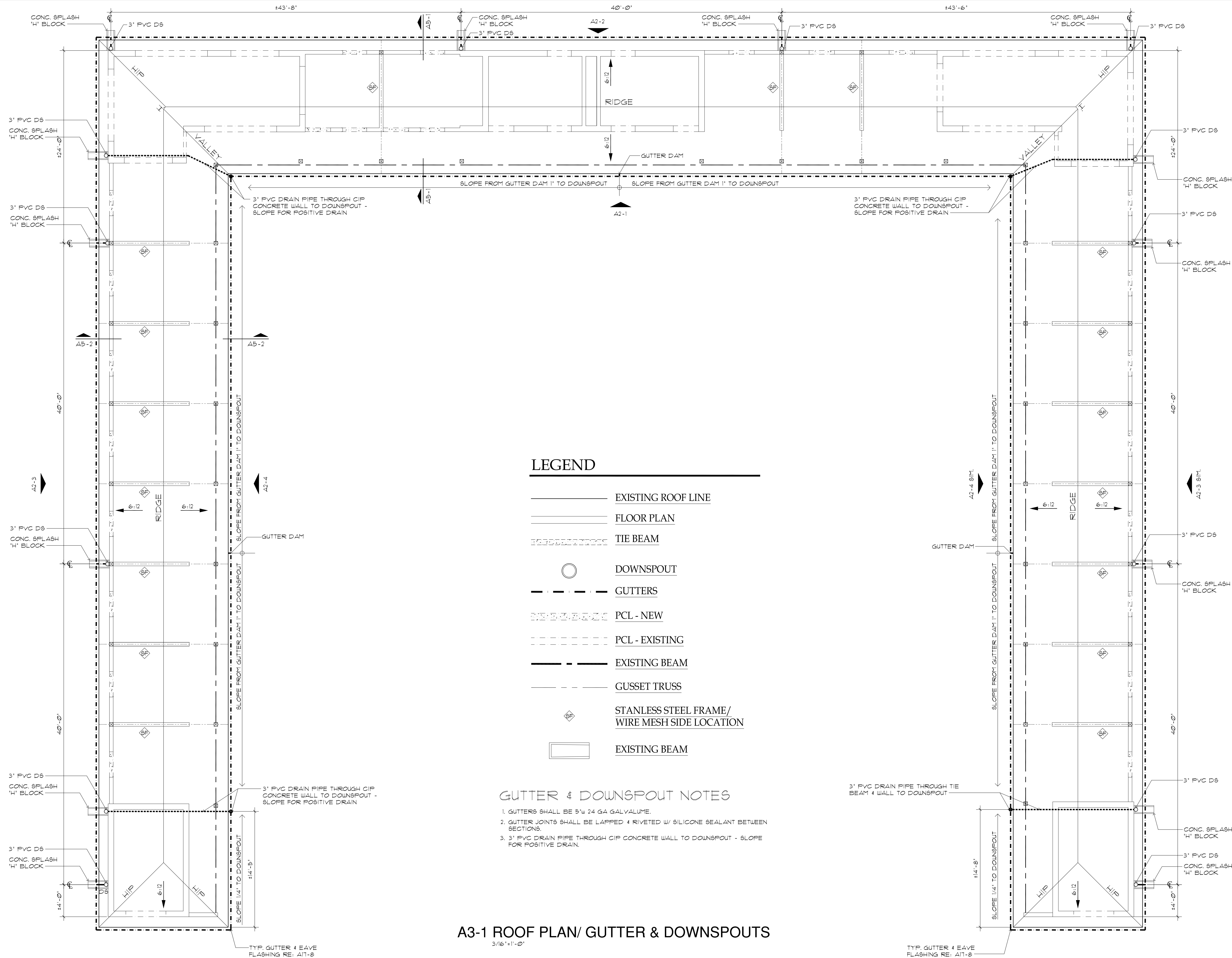
DRAWING INFORMATION:
ELEVATIONS

DATE: 8-4-17
DRAWN BY: STAFF

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SHEET NUMBER:

A2



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PROJECT: **FISH MARKET
IMPROVEMENTS**
ESTATE LA REINE
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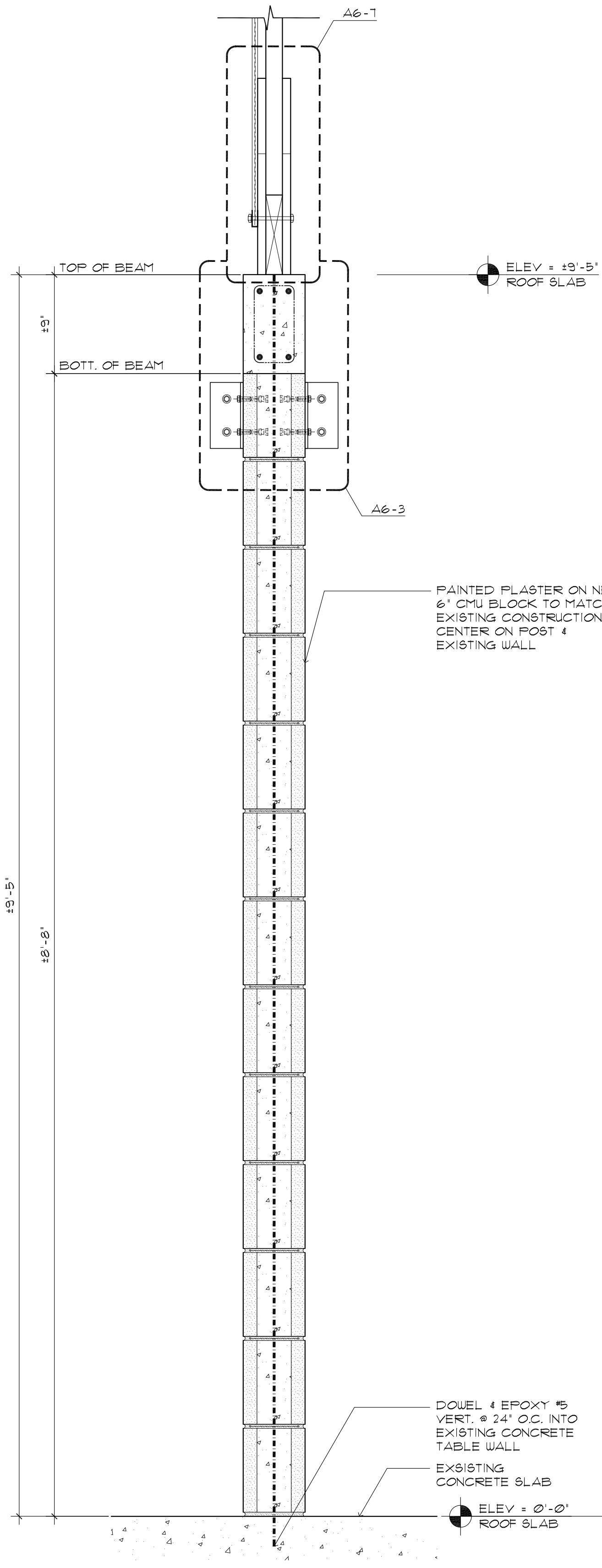
DRAWING INFORMATION: **ROOF PLAN
GUTTER & DOWNSPOUTS**

DATE: 8-4-17
DRAWN BY: STAFF

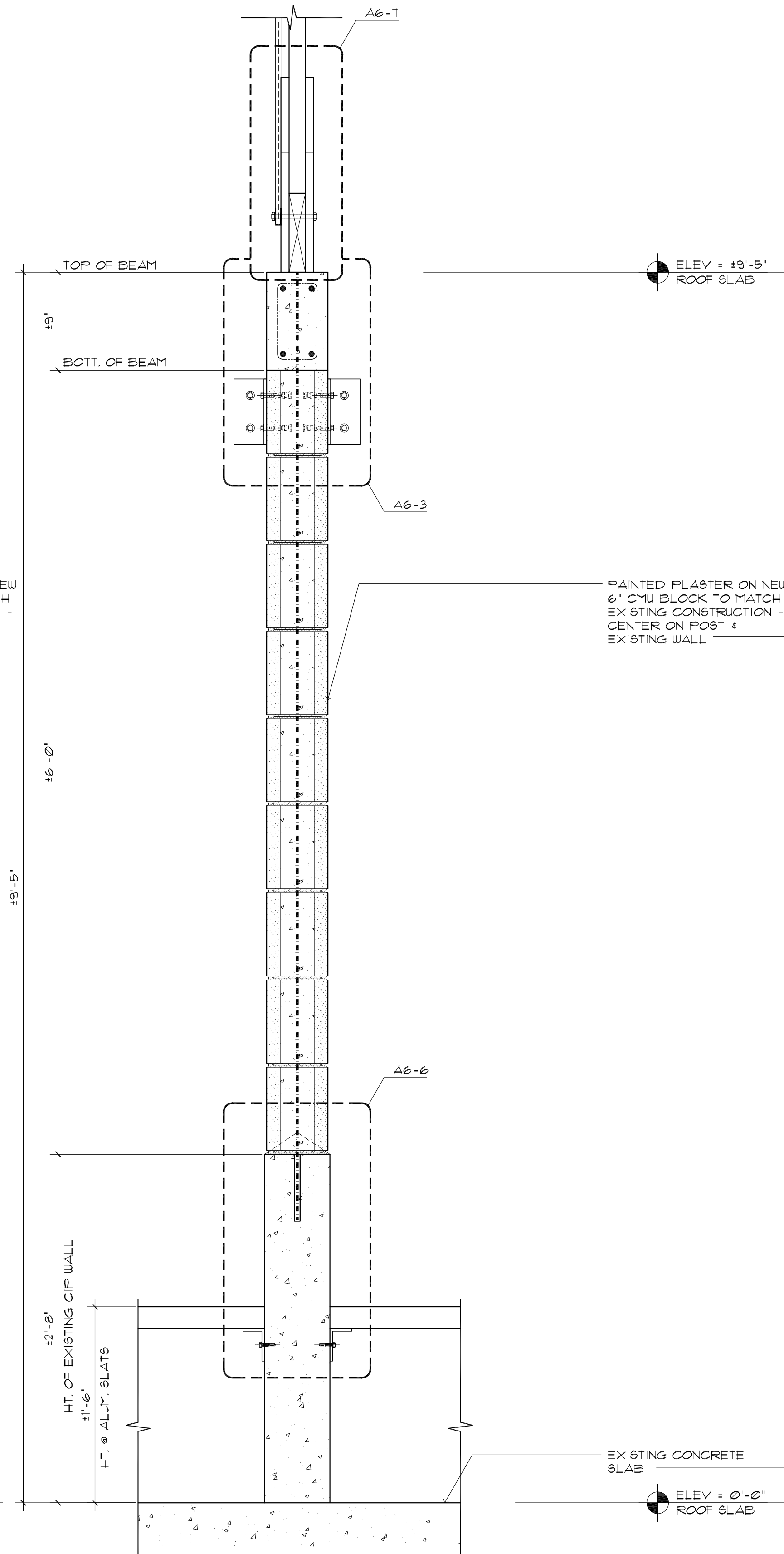
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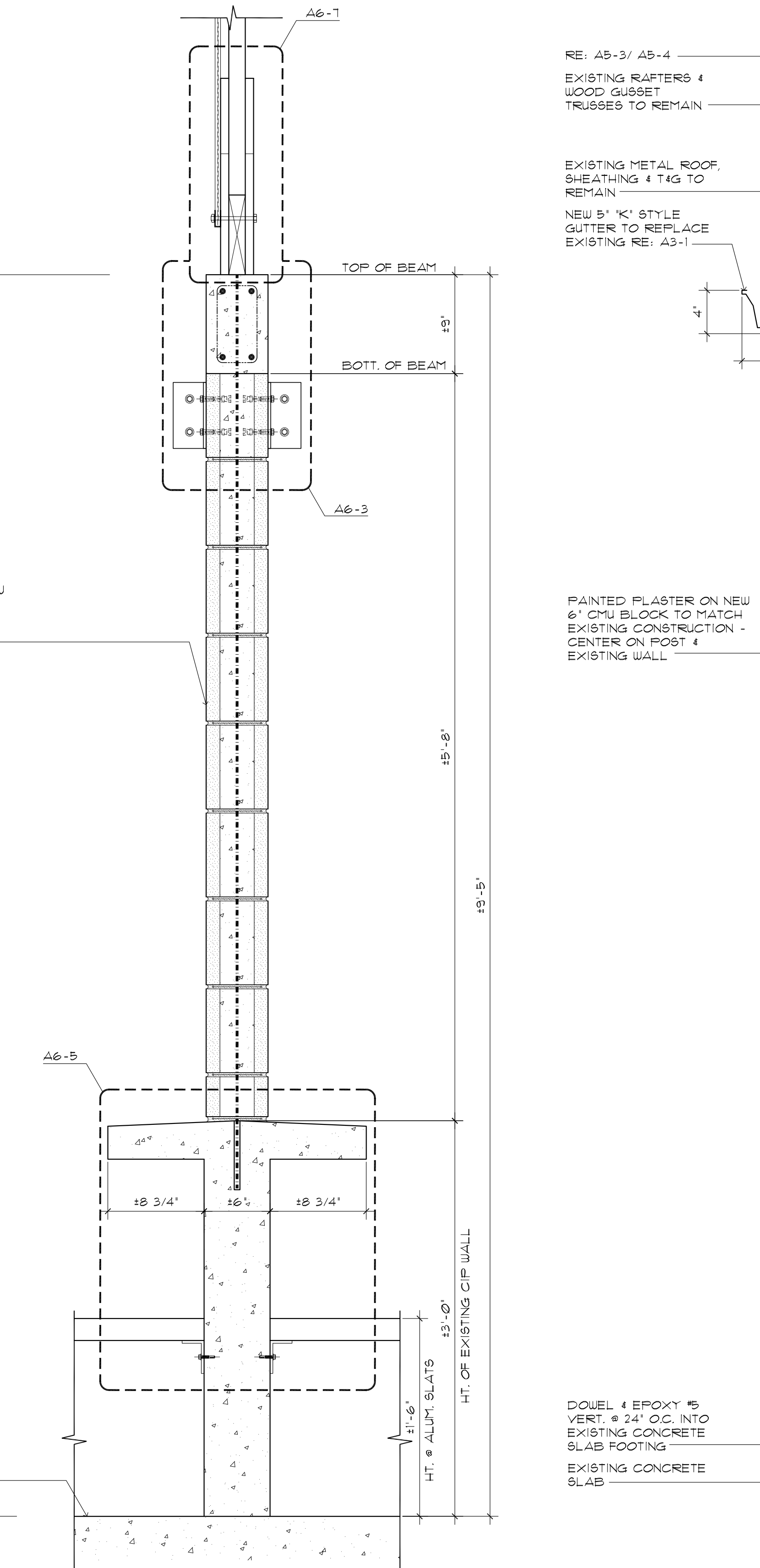
A3



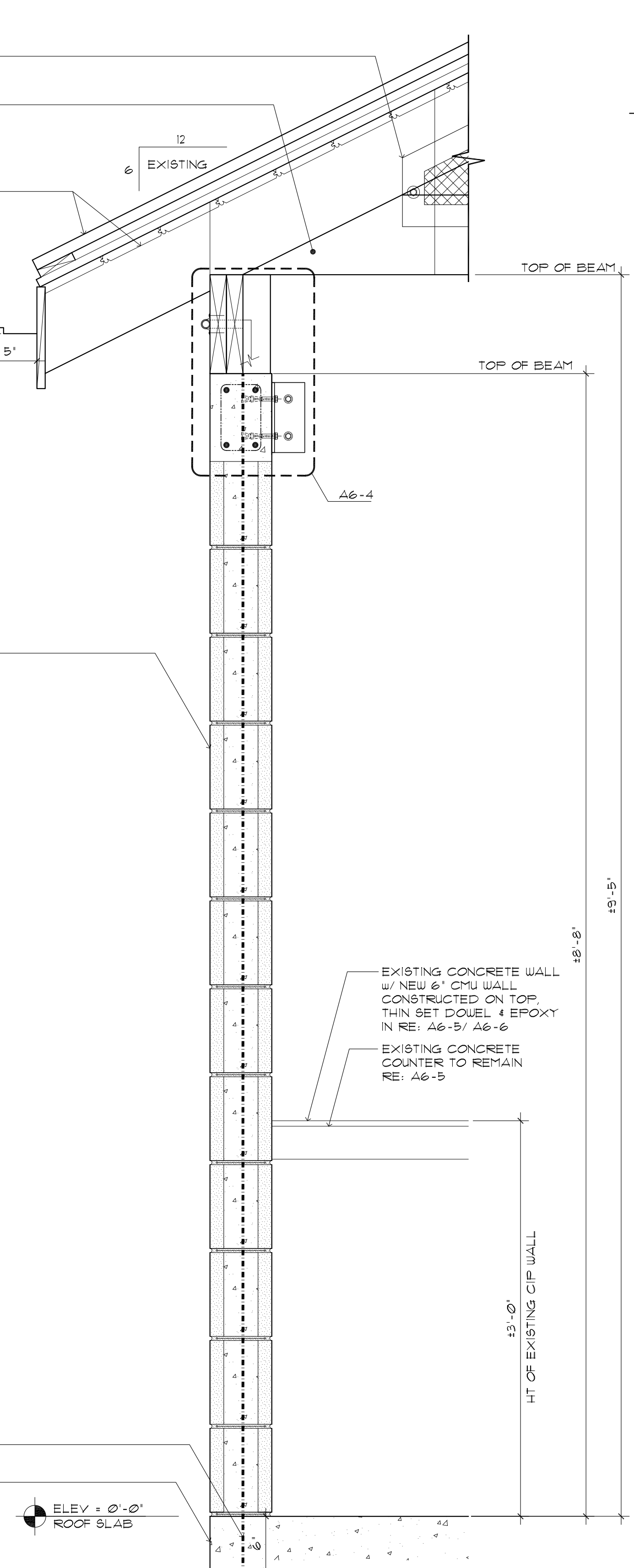
A4-4 SECTION @ CMU WALL
1/2" = 1'-0"



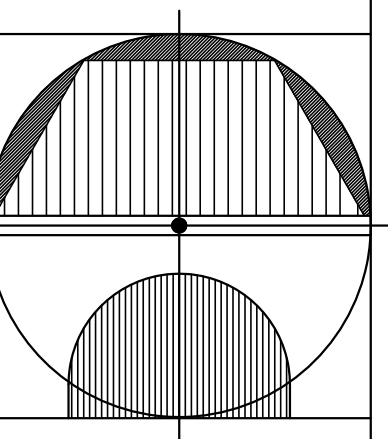
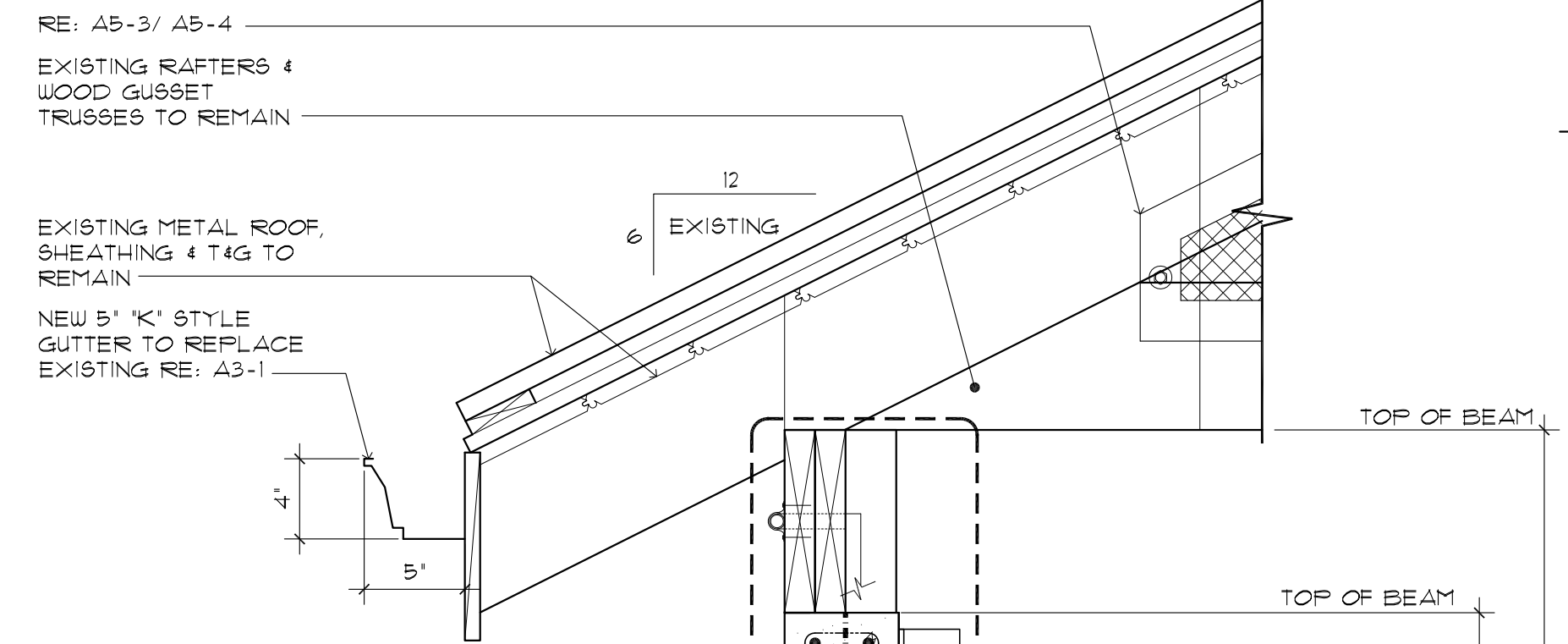
A4-3 SECTION @ CAST CONCRETE WALL
1 1/2" = 1'-0"



A4-2 SECTION @ CAST CONCRETE COUNTER WALL
1 1/2" = 1'-0"



A4-1 SECTION @ TYPICAL EXTERIOR WALL
1 1/2" = 1'-0"



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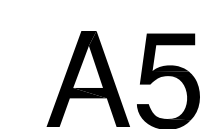
DRAWING INFORMATION: **WALL SECTIONS**

DATE: 8-4-17
DRAWN BY: STAFF

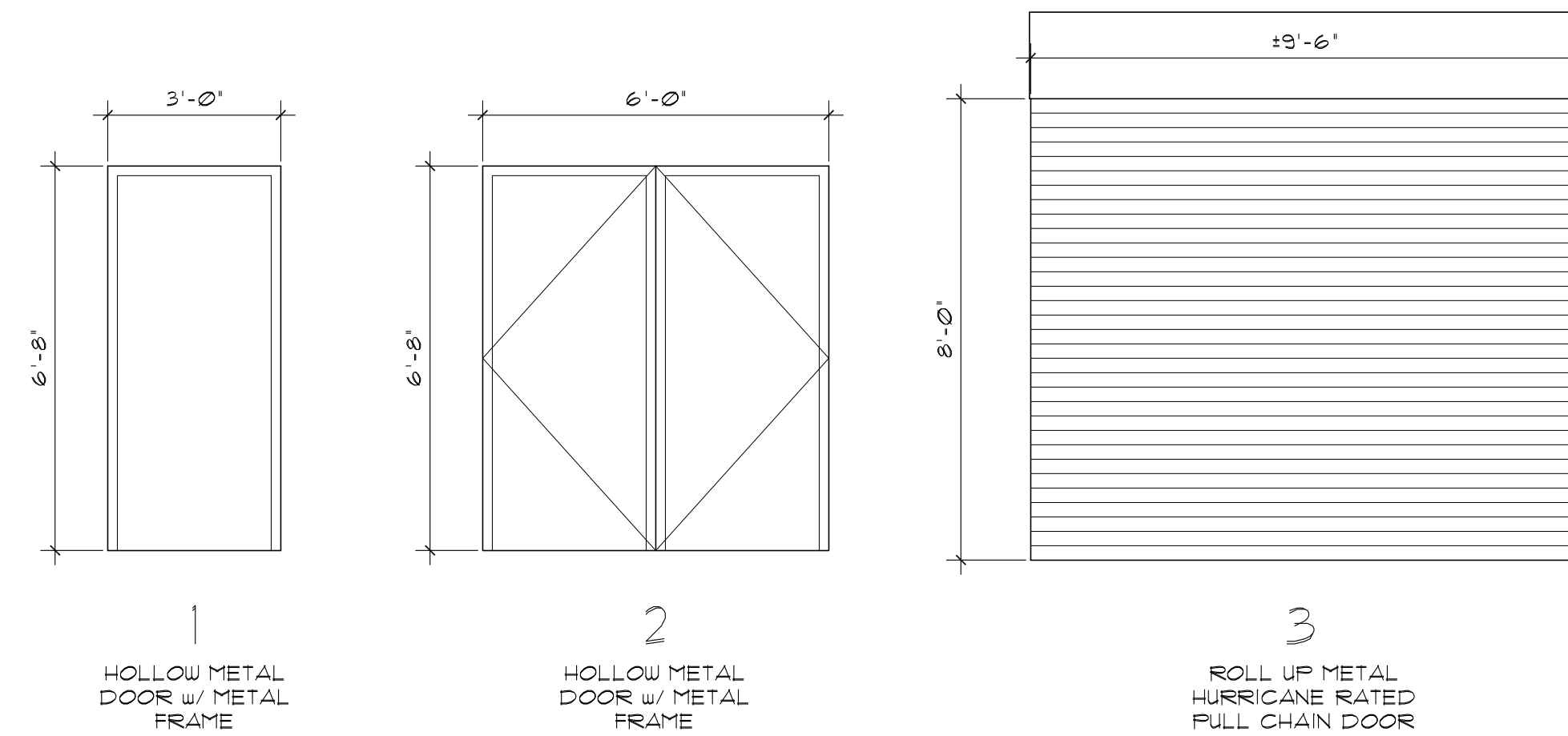
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SHEET NUMBER:

A4

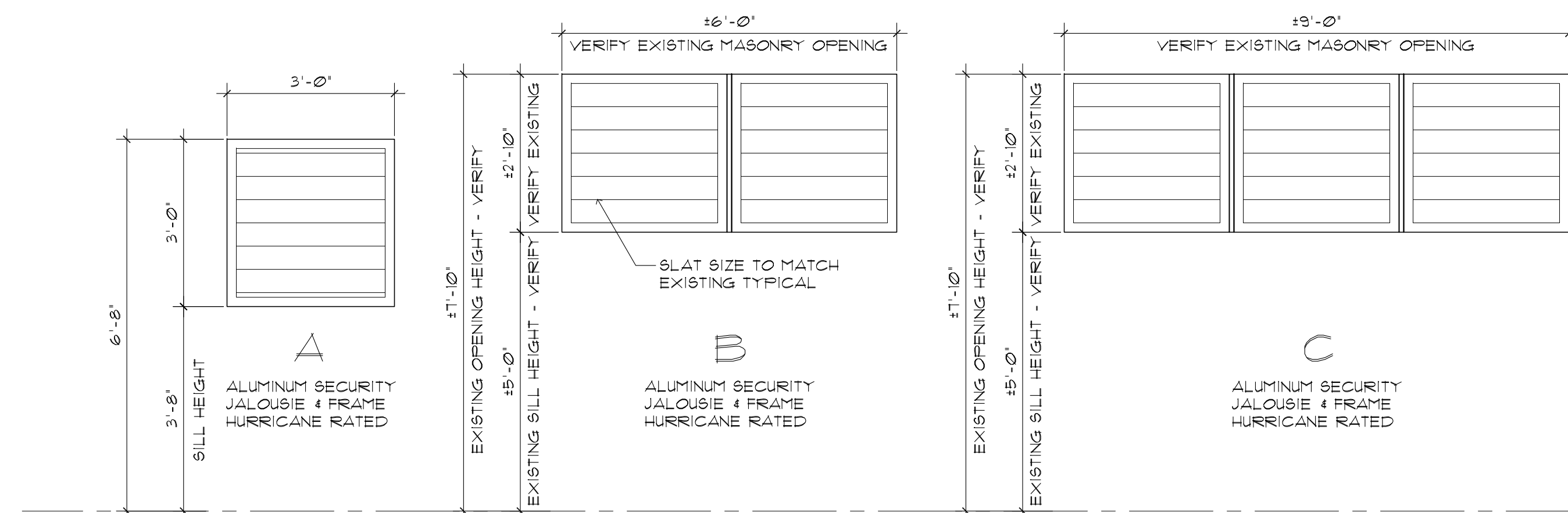


		A6-1 TIE BEAM DETAIL 3'±1'-0"	A6-2 TIE BEAM/ WALL CONNECTION 3'±1'-0"	A6-3 TIE BEAM/ WALL CONNECTION 3'±1'-0"	Steven E. Hutchins AIA Architects, Inc. 109-113 ESTATE CASTLE COAKLEY CHRISTIANSTED, ST. CROIX U.S. VIRGIN ISLANDS 00822 TEL 340-778-8898 FAX 340-778-7754
					FISH MARKET IMPROVEMENTS ESTATE LA REINE ST. CROIX, U.S.V.I.
		A6-4 TIE BEAM 3'±1'-0"	A6-5 CMU/ CIP CONNECTION 3'±1'-0"	A6-6 CMU/ CIP CONNECTION 3'±1'-0"	PROJECT:
					DRAWING INFORMATION:
		A6-7 WIRE MESH SCREEN 3'±1'-0"	A6-8 ANGLE BRACKET DETAIL 3'±1'-0"	A6-9 CONDUIT @ NEW WALL 1 1/2'±1'-0"	DATE: 8-4-17 DRAWN BY: STAFF
				A6-10 CONDUIT @ EXISTING WALL 1 1/2'±1'-0"	i:\Active Projects\Fish Market
		A6-10 CONDUIT @ EXISTING WALL 1 1/2'±1'-0"	A6-11 DOWNSPOUT 1 1/2'±1'-0"	A6-11 DOWNSPOUT 1 1/2'±1'-0"	SHEET NUMBER:
					A6



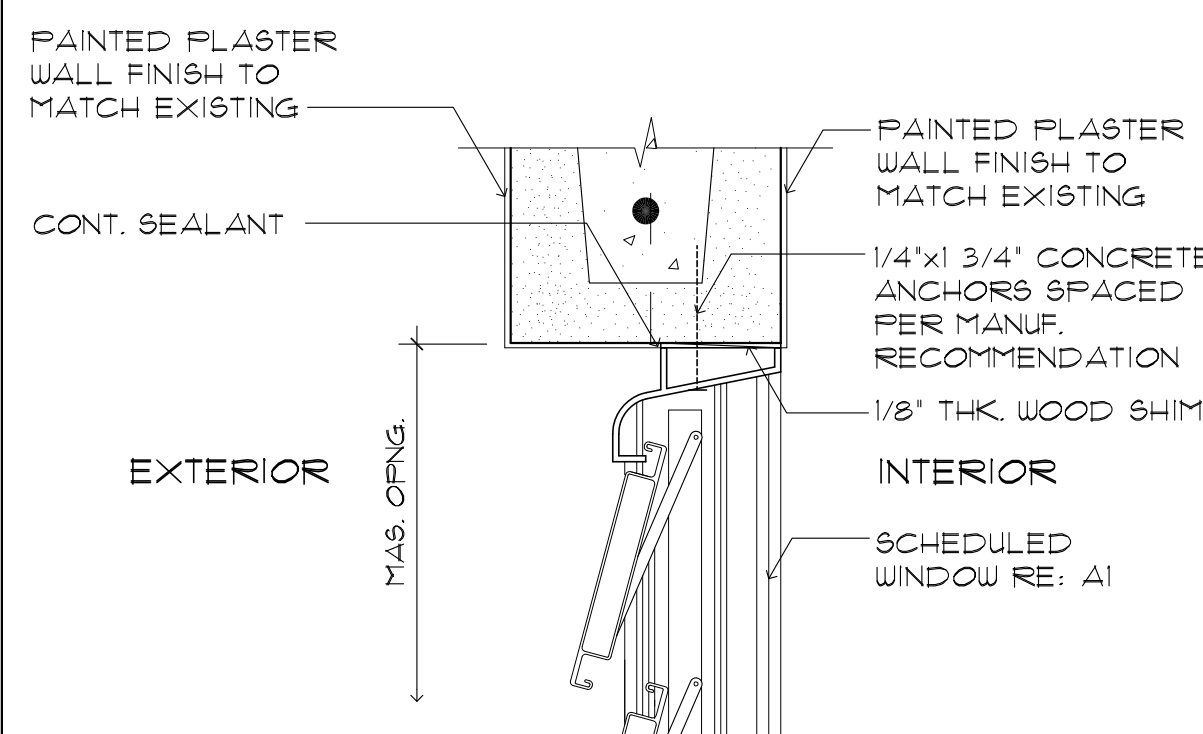
A7 DOOR TYPES

NOTE:
VERIFY OPEN WIDTH AND HEIGHT @ EACH EXISTING MASONRY
DOOR LOCATIONS.

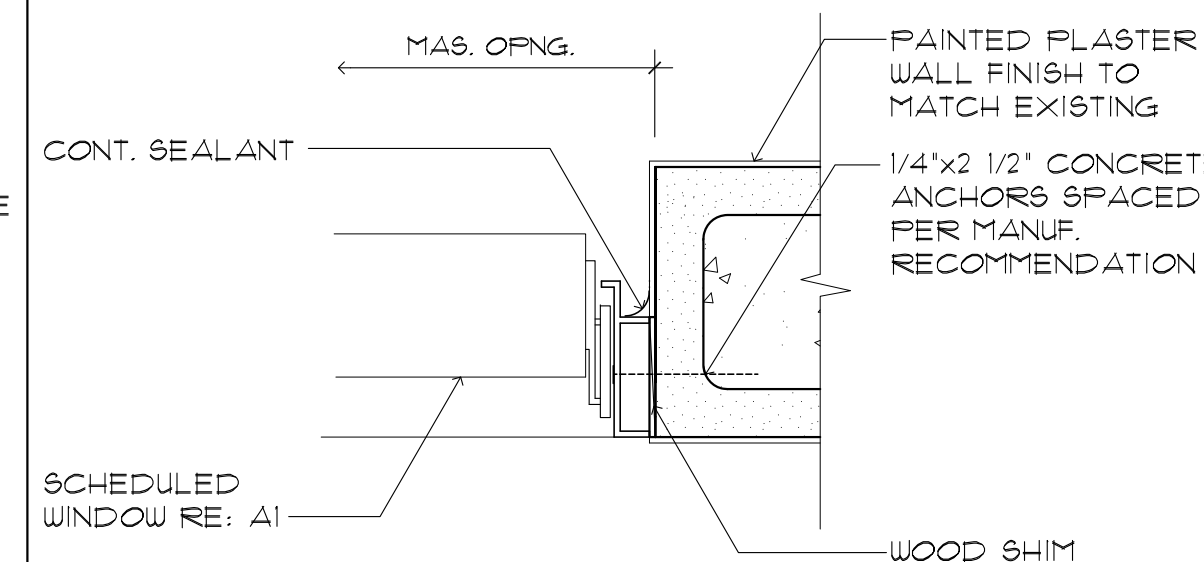


A7 WINDOW TYPES

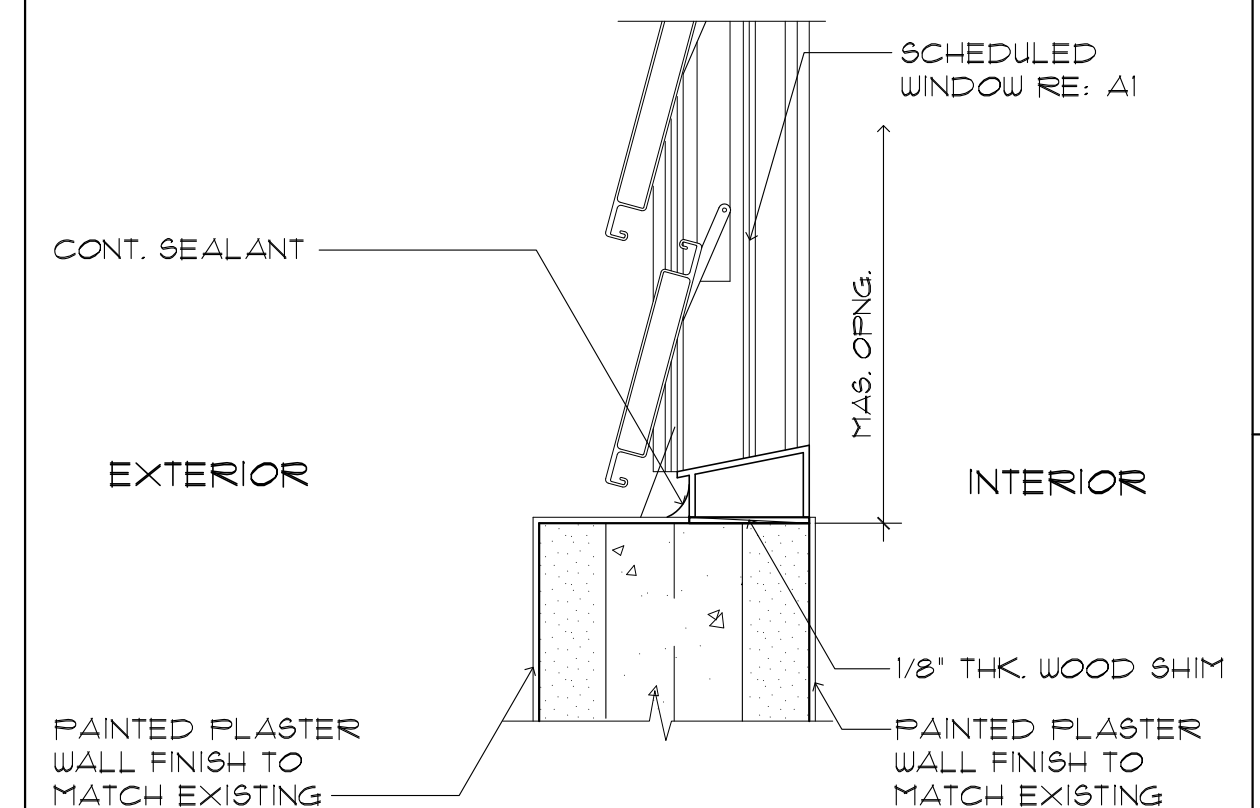
NOTE:
VERIFY OPEN WIDTH AND HEIGHT @ EACH EXISTING MASONRY
WINDOW LOCATIONS.



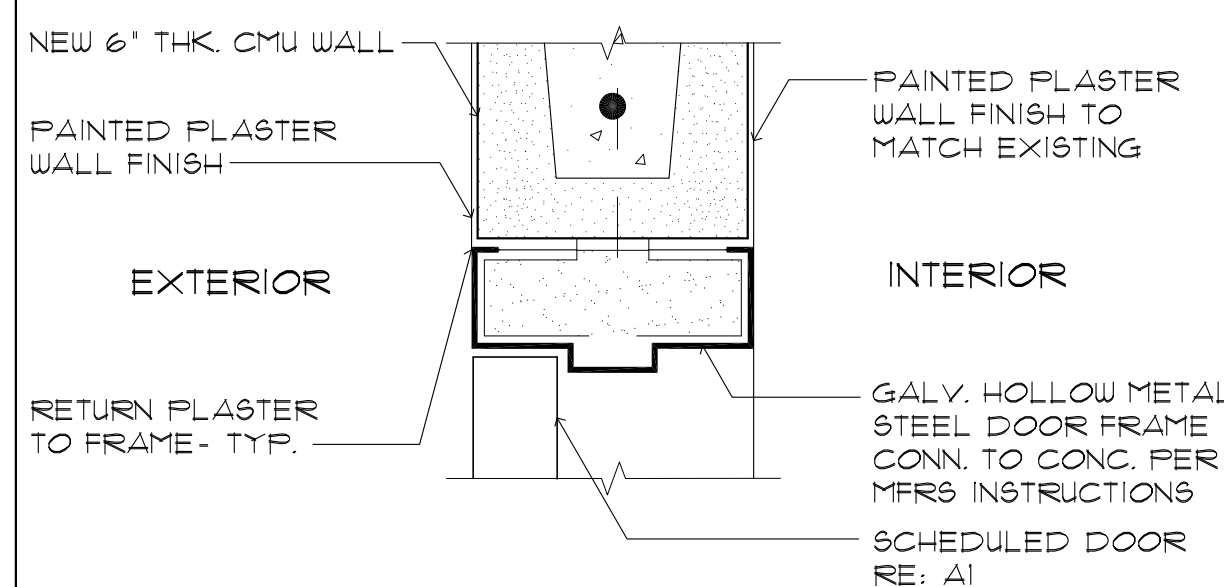
A7-1 WINDOW HEAD DETAIL
3" = 1'-0"



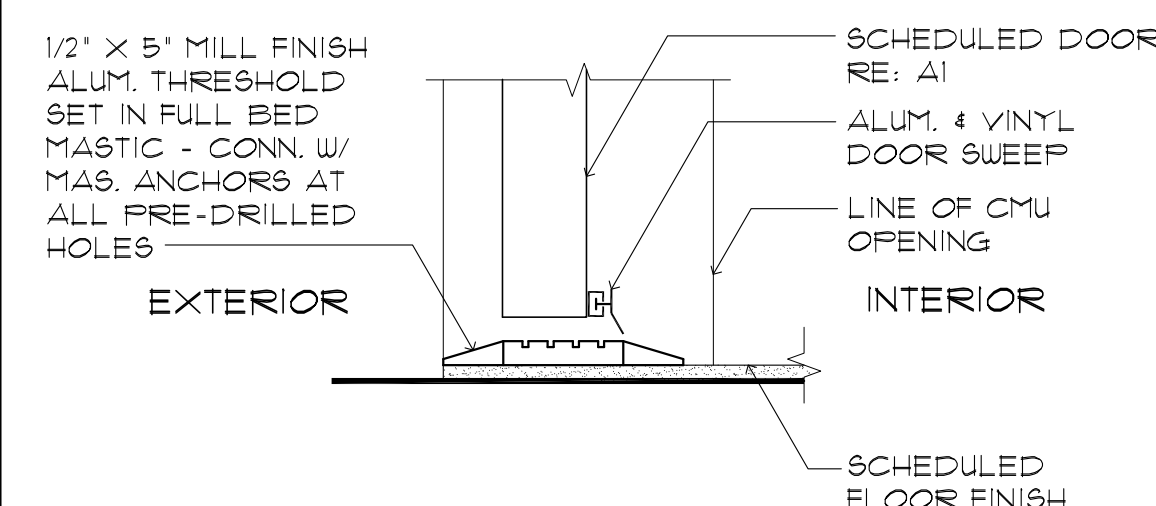
A7-2 WINDOW JAMB DETAIL



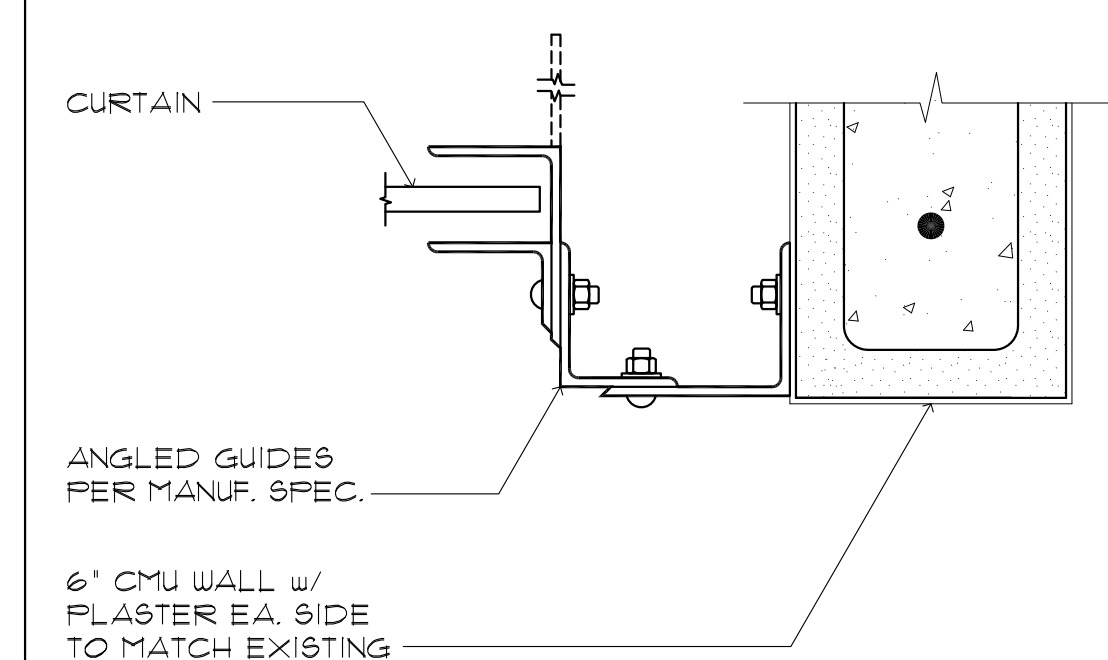
A7-3 WINDOW SILL DETAIL



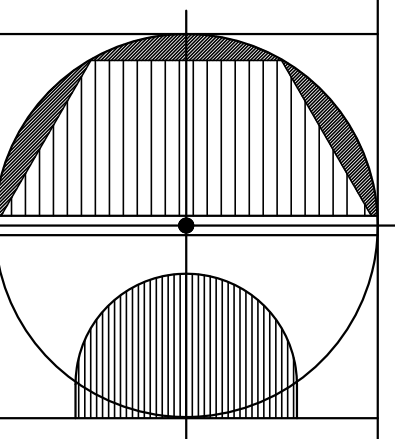
A7-4 DOOR HEAD/JAMB DETAIL
3" = 1'-0"



A7-5 DOOR JAMB DETAIL



A7-6 ROLL UP DOOR JAMB DETAIL
3" = 1'-0"



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**FISH MARKET
IMPROVEMENTS**
ESTATE LA REINE
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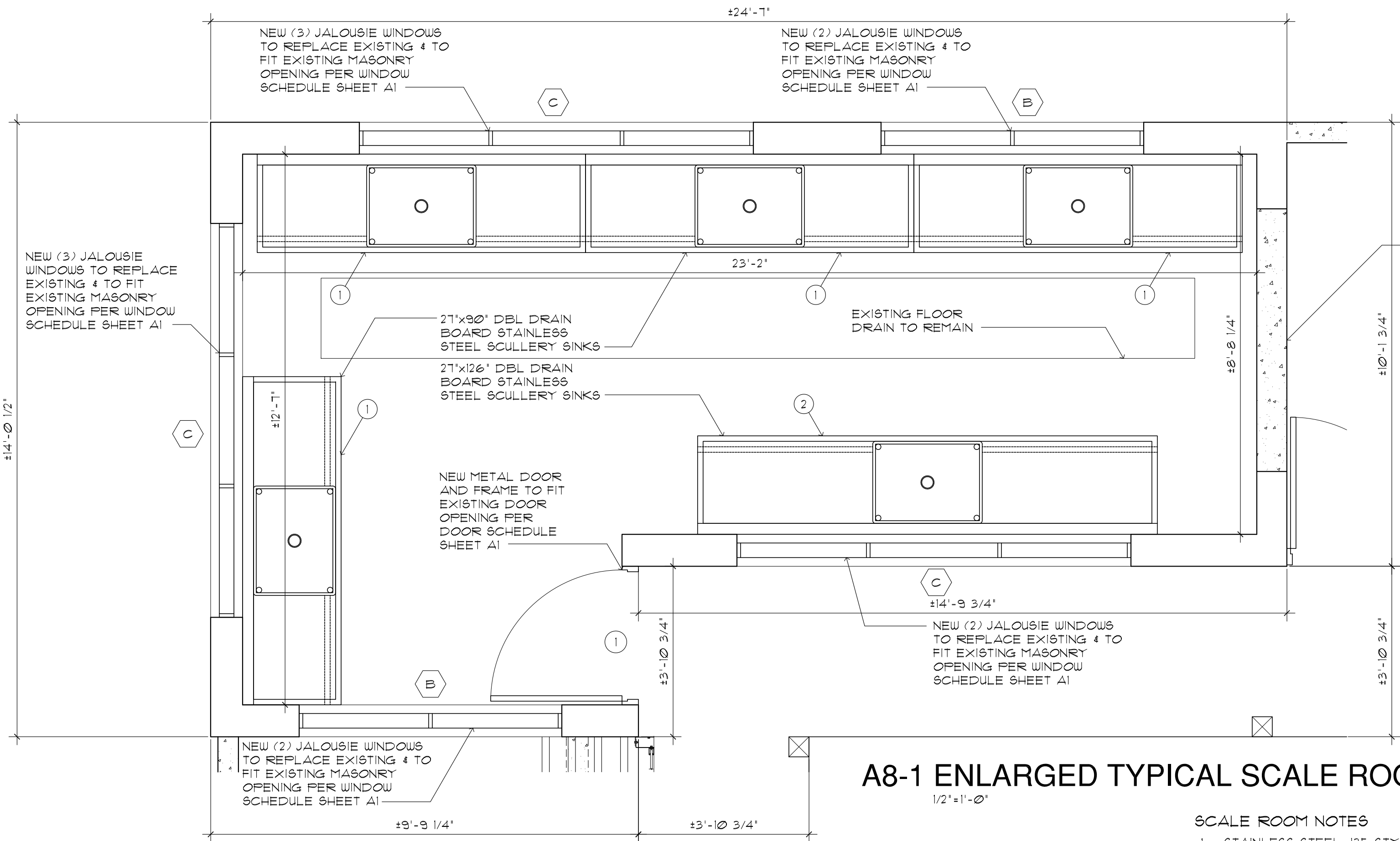
WINDOW & DOOR SCHEDULES

DATE: 8-4-17
DRAWN BY: STAFF

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SHEET NUMBER:

A7



A8-1 ENLARGED TYPICAL SCALE ROOM PLAN
1/2"=1'-0"

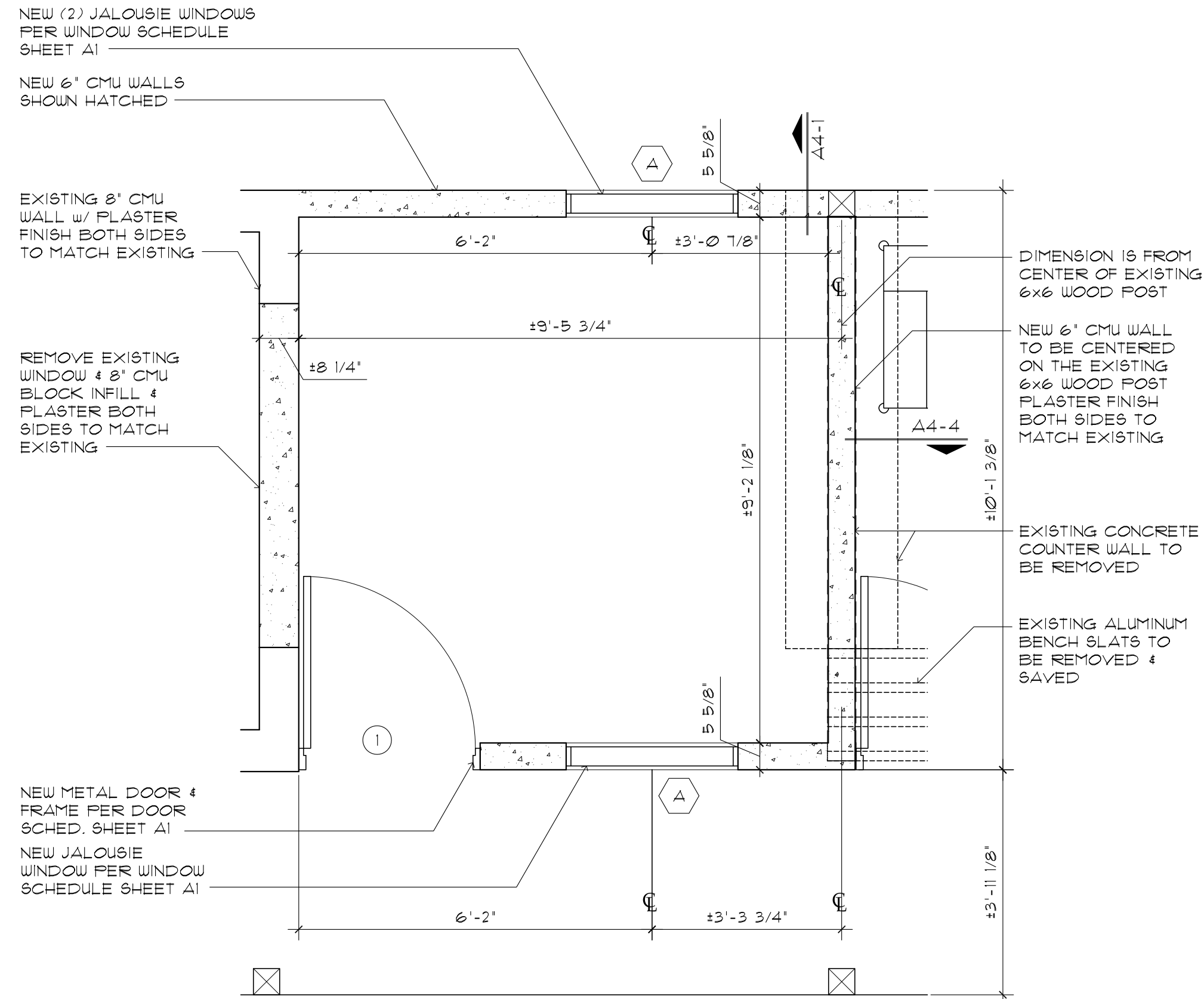
SCALE ROOM ACCESSORY SCHEDULE

MARK	ITEM	MANUFACTURER	MODEL NUMBER	OVERALL DIMENSIONS	REMARKS
1	SCULLERY SINK L4R DRAINBOARDS	JUST MANUFACTURING	SB-130-30RL	27"o x 30"o	STAINLESS STEEL w/ FLOOR BOLT FITTINGS
2	SCULLERY SINK L4R DRAINBOARDS	JUST MANUFACTURING	SB-130-48RL	27"o x 126"o	STAINLESS STEEL w/ FLOOR BOLT FITTINGS

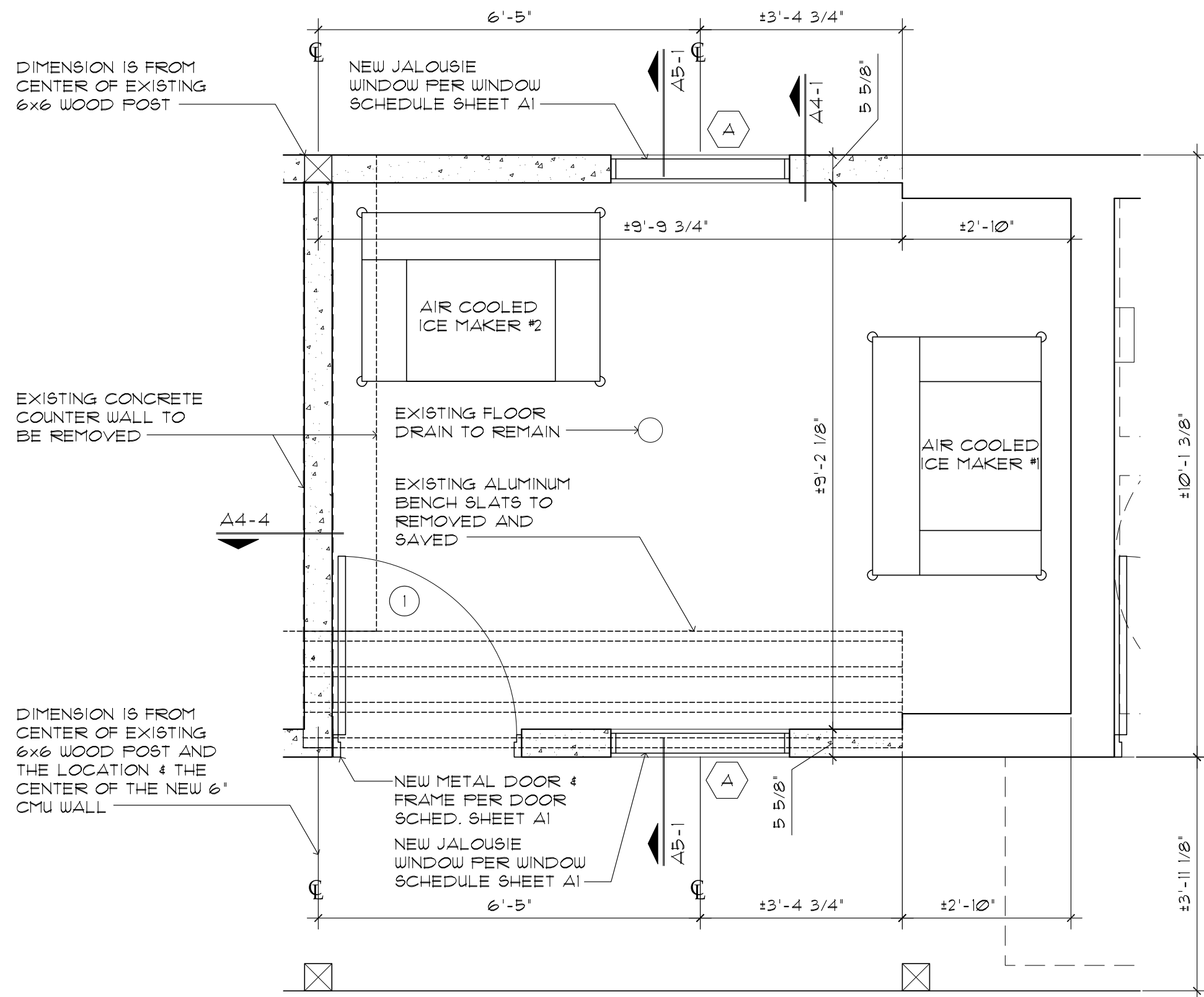
OWNER/BUILDER MAY SUBSTITUTE THESE SELECTIONS FOR EQUAL OR ABOVE QUALITY WITH ARCHITECT'S APPROVAL

SCALE ROOM NOTES

1. STAINLESS STEEL J35 STYLE OPEN DRAIN
2. JFR-303 PRE-RINSE BACKSPASH TYPE SCULLERY AND SERVICE SINK FAUCET TYPE-LEAD FREE COMPLIANT
3. UNDER COUNTER DISPOSAL @ EACH DRAIN LOCATION PER PLUMBING PLANS
4. EXISTING FLOOR TILE TO REMAIN & PROTECTED DURING CONSTRUCTION.
4. EXISTING WALL COVERING TO REMAIN AND PROTECTED DURING CONSTRUCTION.



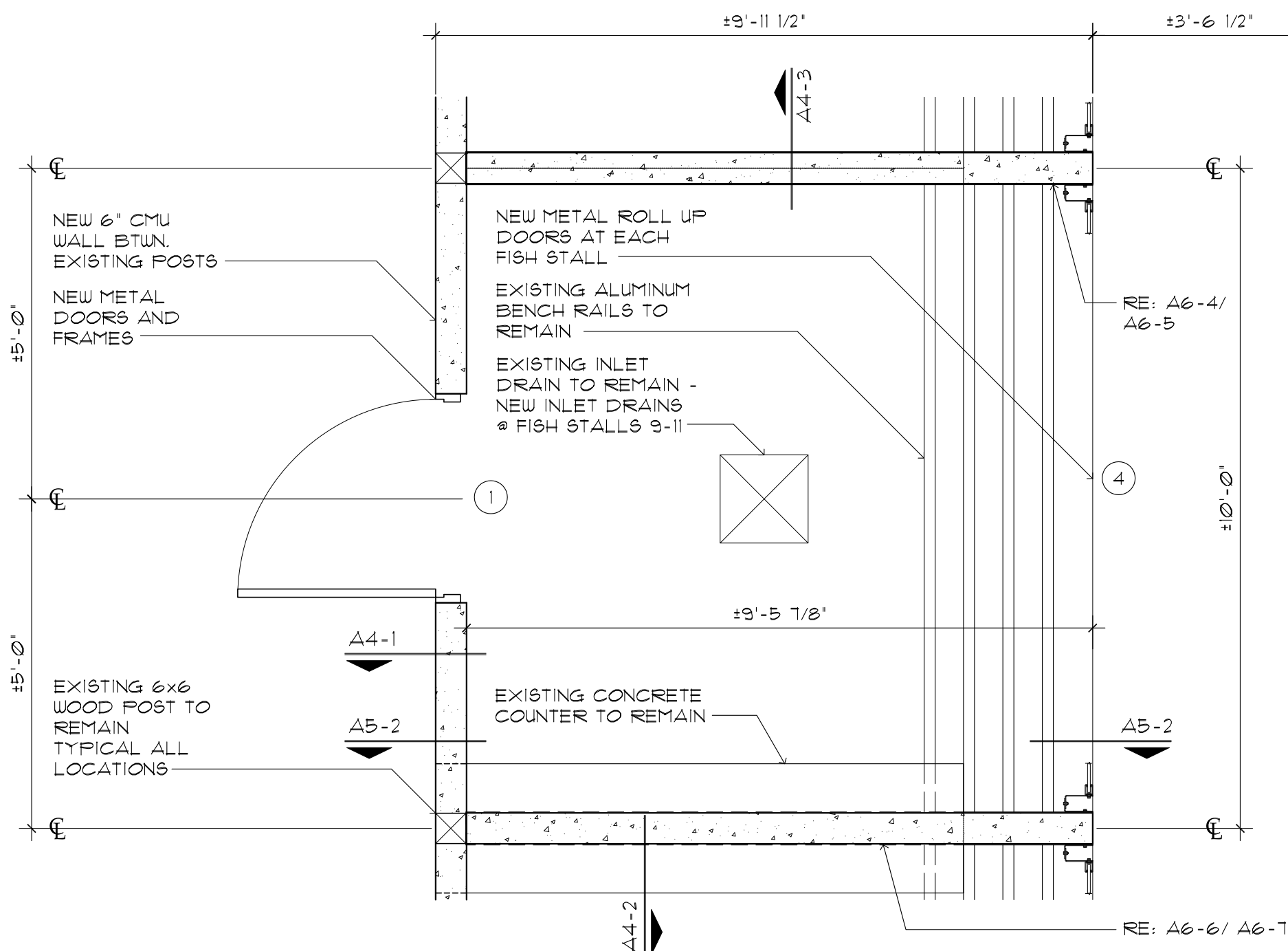
A8-2 ENLARGED OFFICE PLAN
1/2"=1'-0"



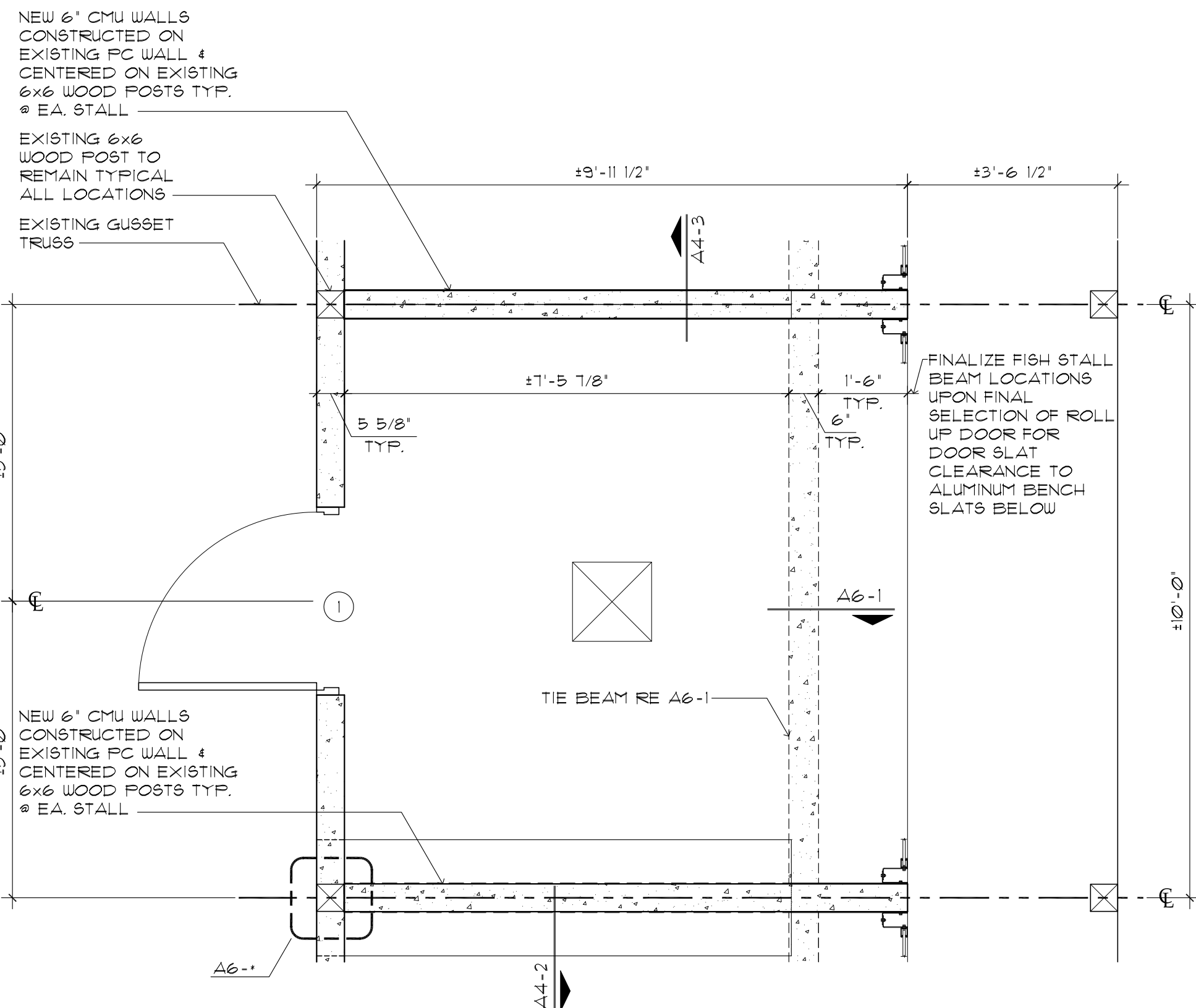
A8-3 ENLARGED ICE ROOM PLAN
1/2"=1'-0"

NOTE

1. KOOLAIRE ICE MACHINE KD-0600A w/ KOOLAIRE ICE BIN K-910 48" WIDE.
2. EVERPURE FILTRATION SYSTEM PER MANUFACTURES SPECS.
3. PROVIDE (2) 220V OUTLETS LOCATIONS PER ELECTRICAL PLAN.
4. PROVIDE MINIMUM 6" CLEARANCE ON ALL SIDE OF ICE MACHINE PER MANUFACTURES RECOMMENDATION.



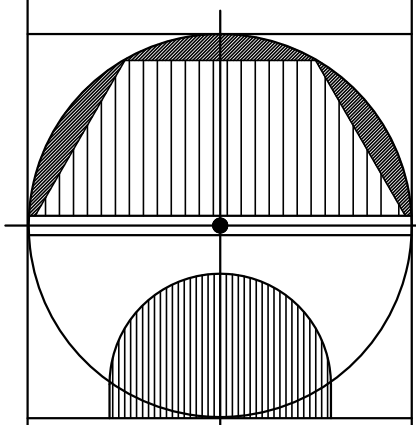
A8-4 ENLARGED TYPICAL FISH STALL
1/2"=1'-0"



A8-5 ENLARGED TYPICAL FISH STALL CEILING
1/2"=1'-0"

INTERIOR PAINT COLOR/ SEALER SCHEDULE

MANUFACTURER	COLOR	LOCATION
PER CONTRACTOR	WHITE-MATCH EXISTING	ALL INTERIOR WALLS, EXCLUDING SCALE ROOM WALL COVERING, EXPOSED RAFTERS, TRUSSES AND TAG CEILING
PER CONTRACTOR	CLEAR CONCRETE PROTECTIVE SEALER	FISH STALLS #1-#3, STORAGE #1,2 OFFICE, ICE ROOM, RESTROOMS
PER CONTRACTOR	GREY-FACTORY	DOORS, METAL DOOR FRAMES, WINDOW FRAMES



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PROJECT: **FISH MARKET IMPROVEMENTS**
ESTATE LA REINE
ST. CROIX, U.S.V.I.

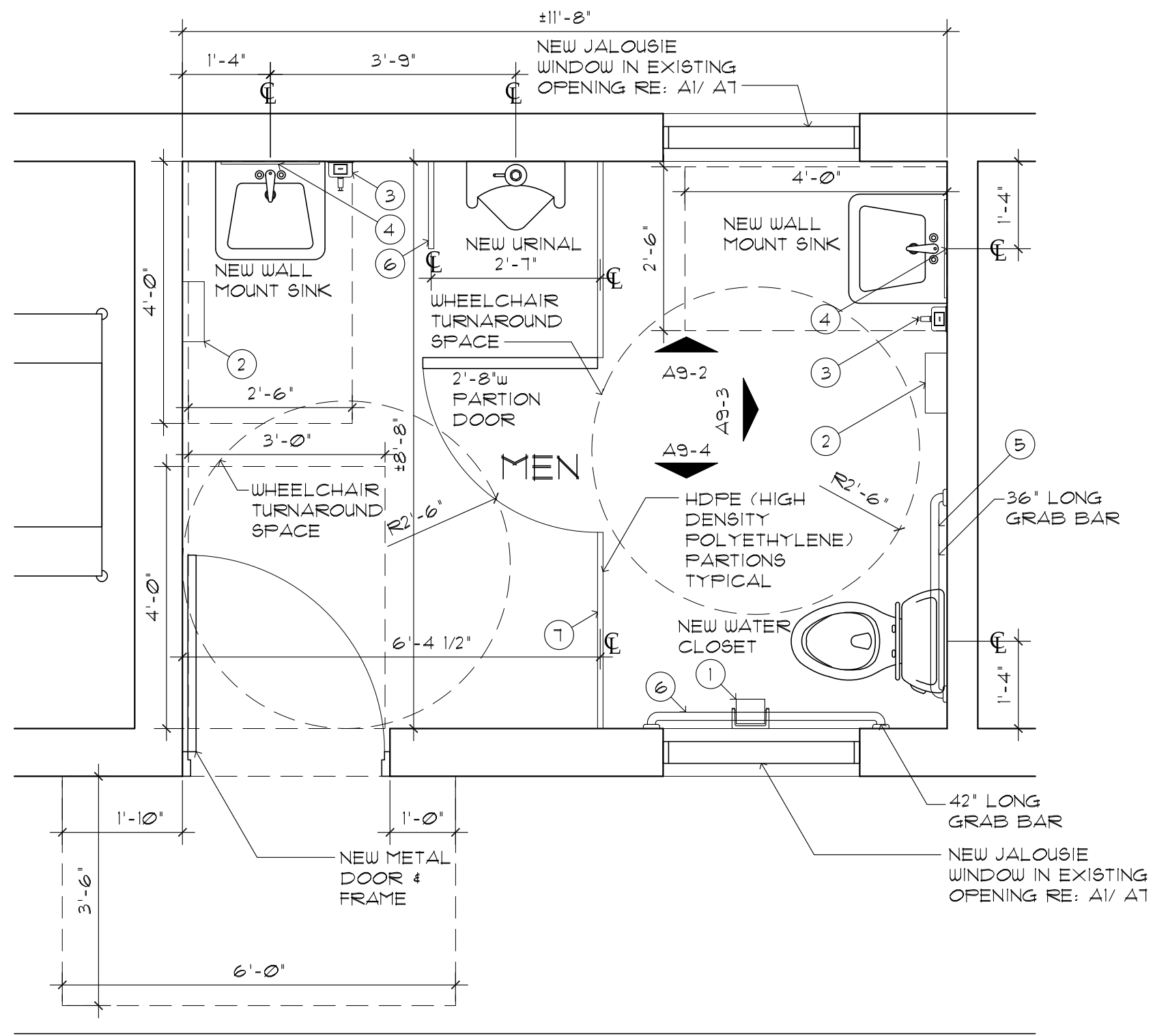
DRAWING INFORMATION: **ENLARGED PLANS**

DATE: 8-4-17
DRAWN BY: STAFF

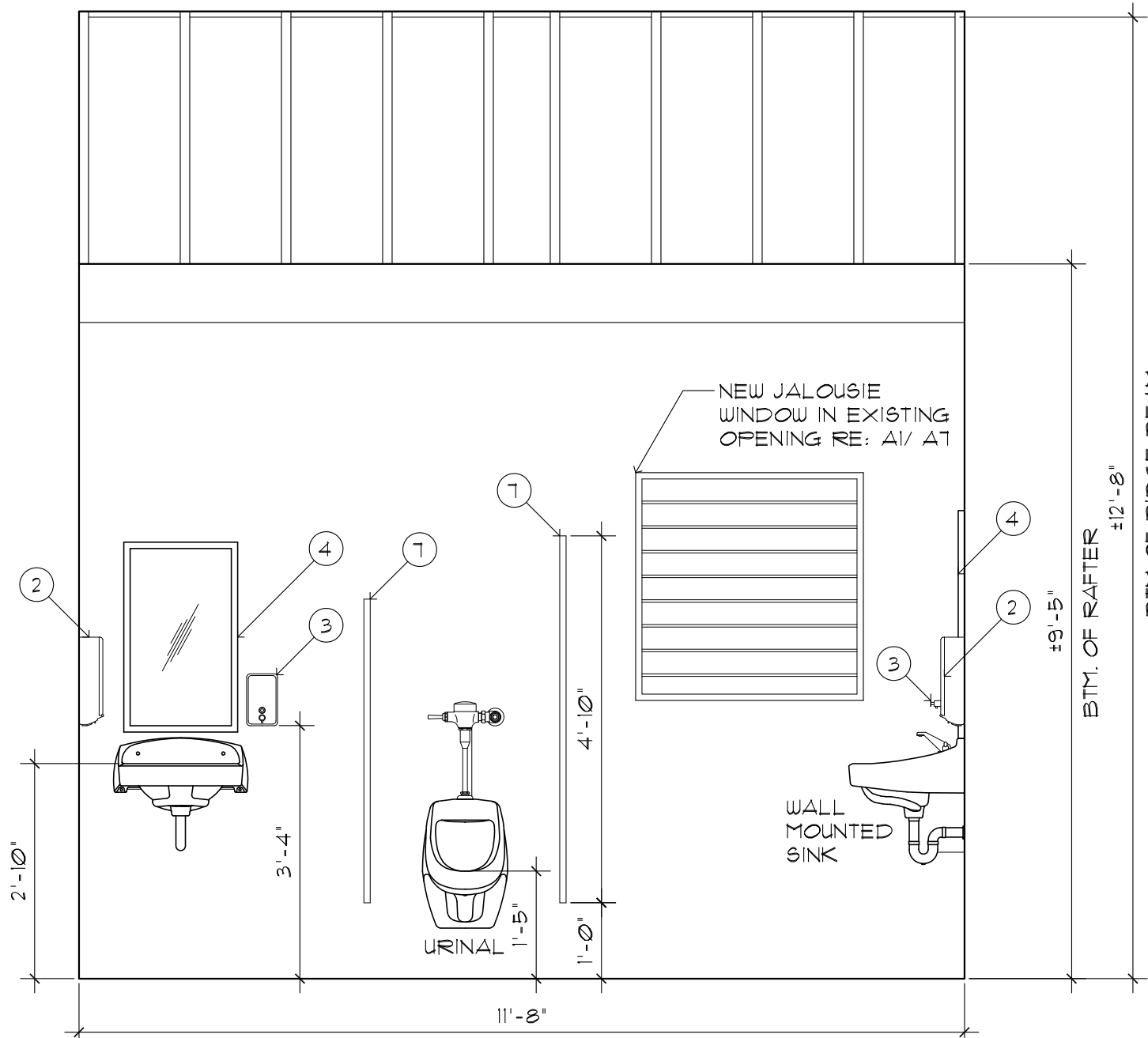
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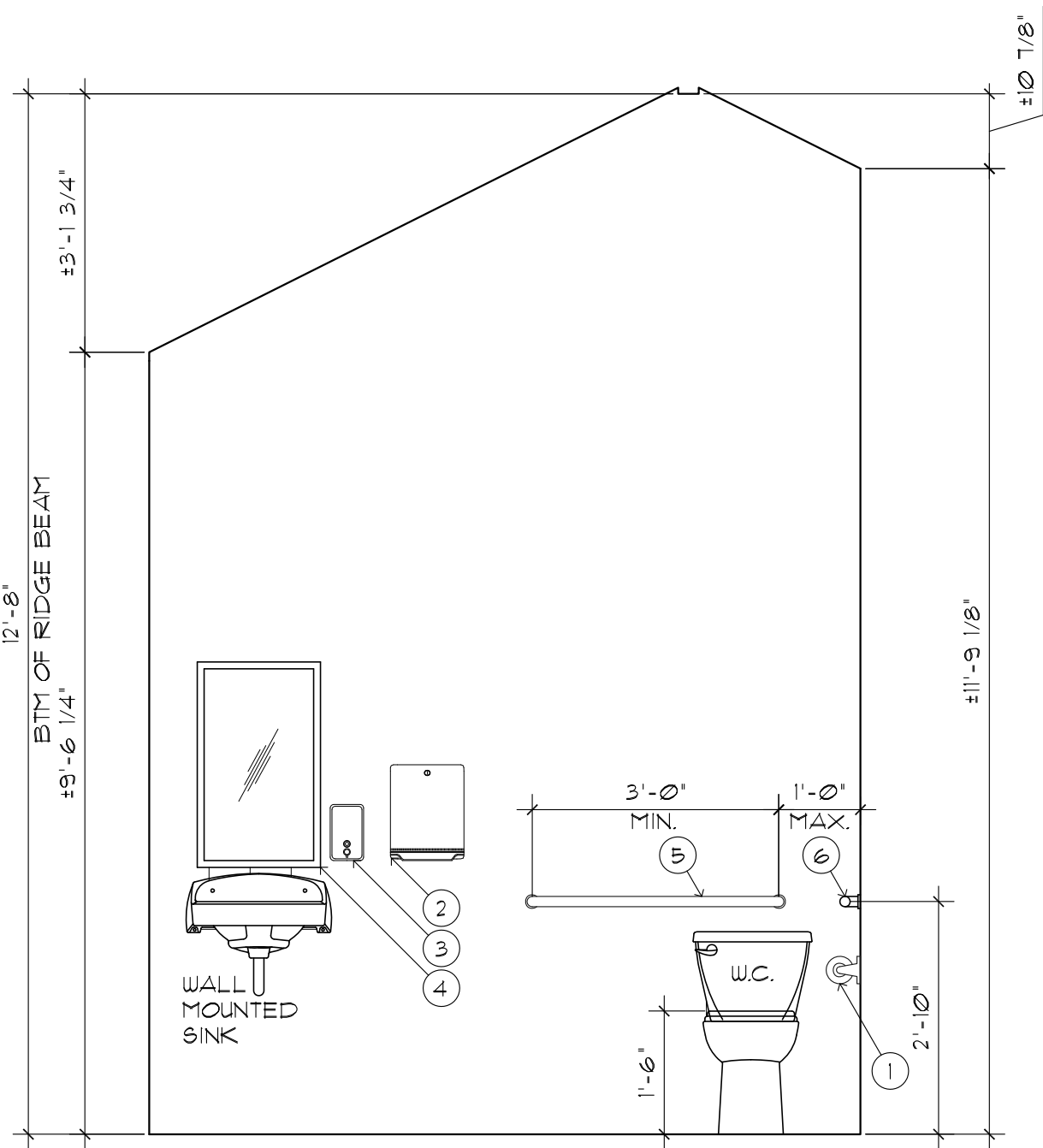
A8



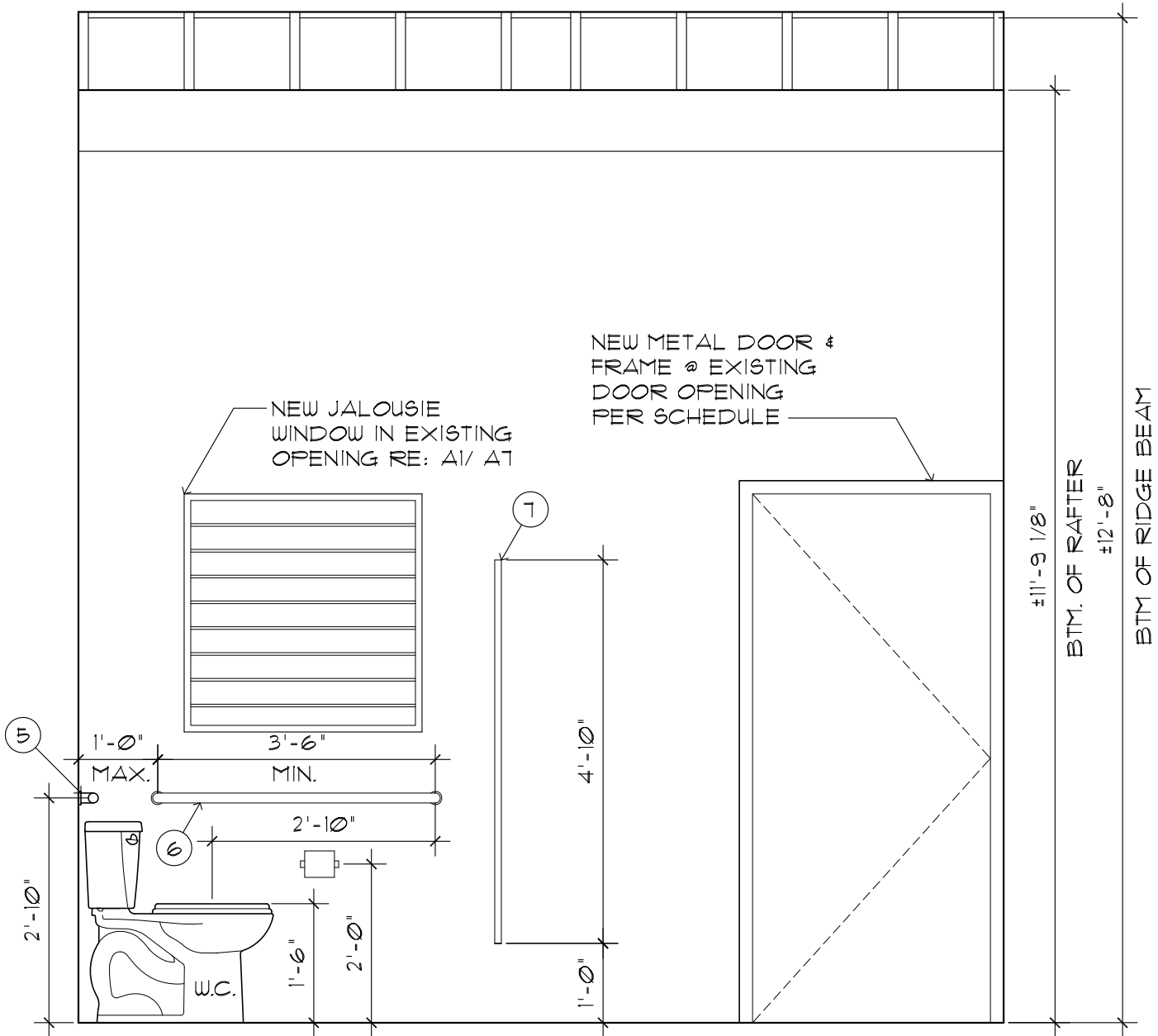
A9-1 ENLARGED MEN RESTROOM
1/2"=1'-0"



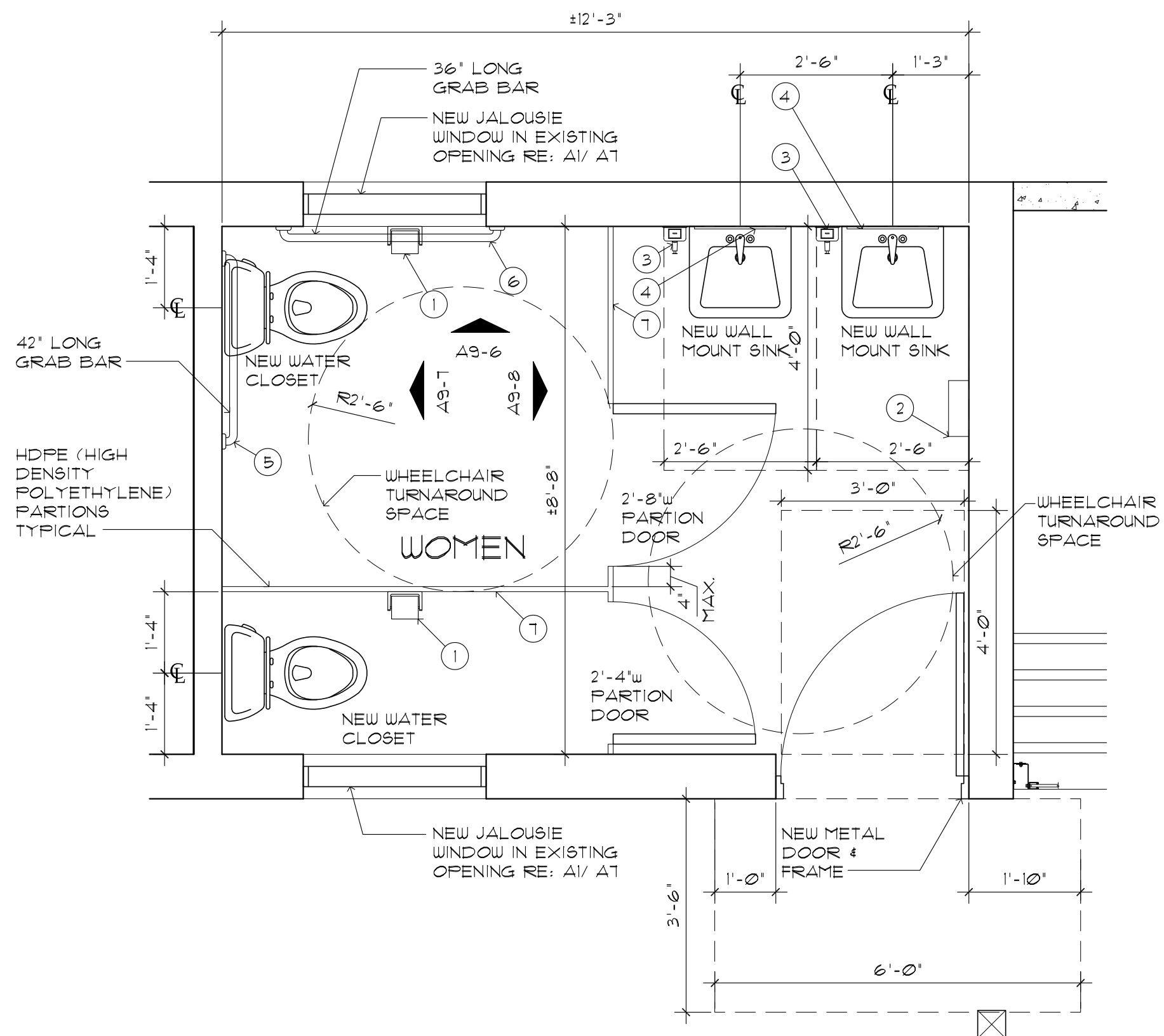
A9-2 INTERIOR ELEVATION
1/2"=1'-0"



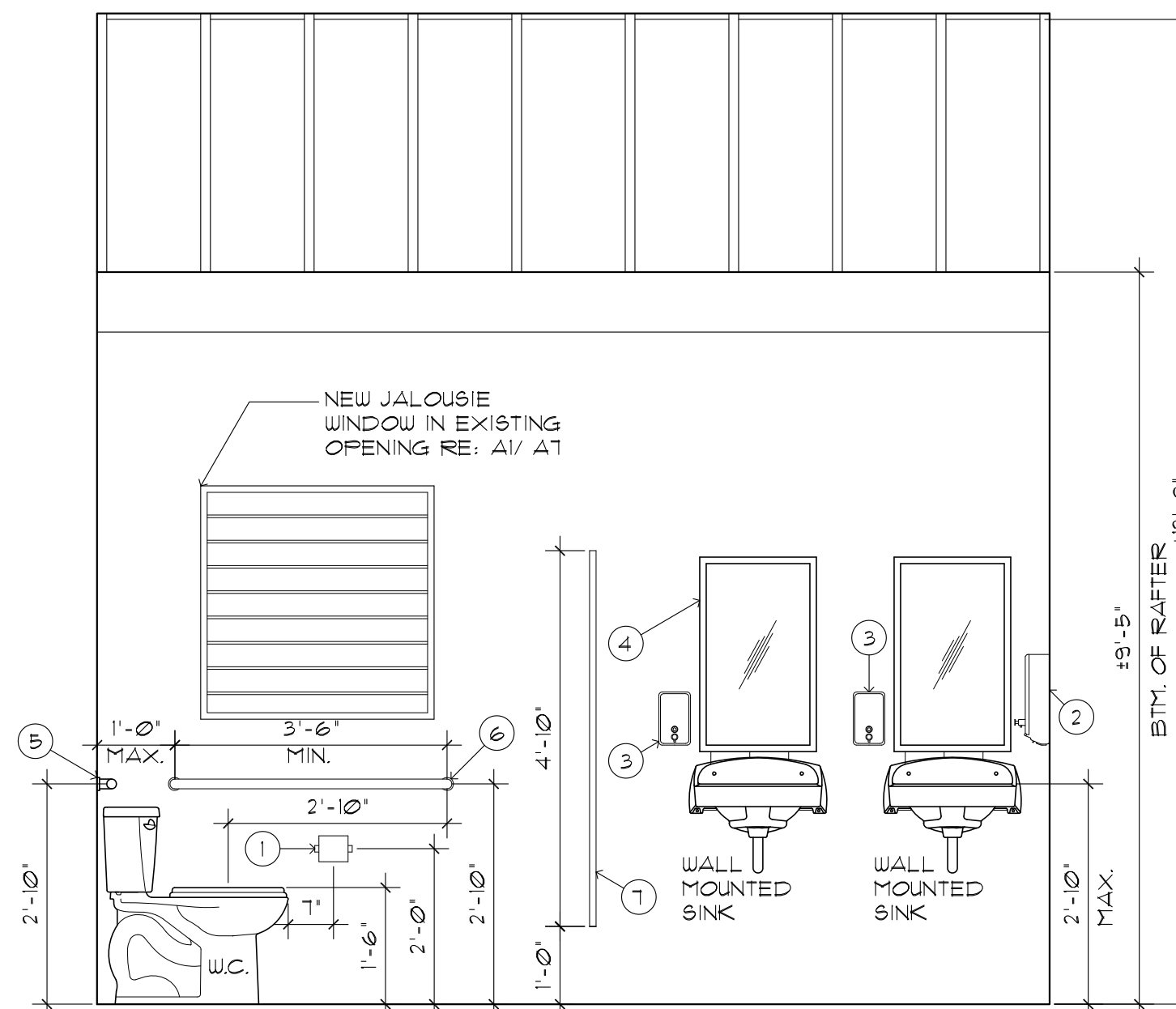
A9-3 INTERIOR ELEVATION
1/2"=1'-0"



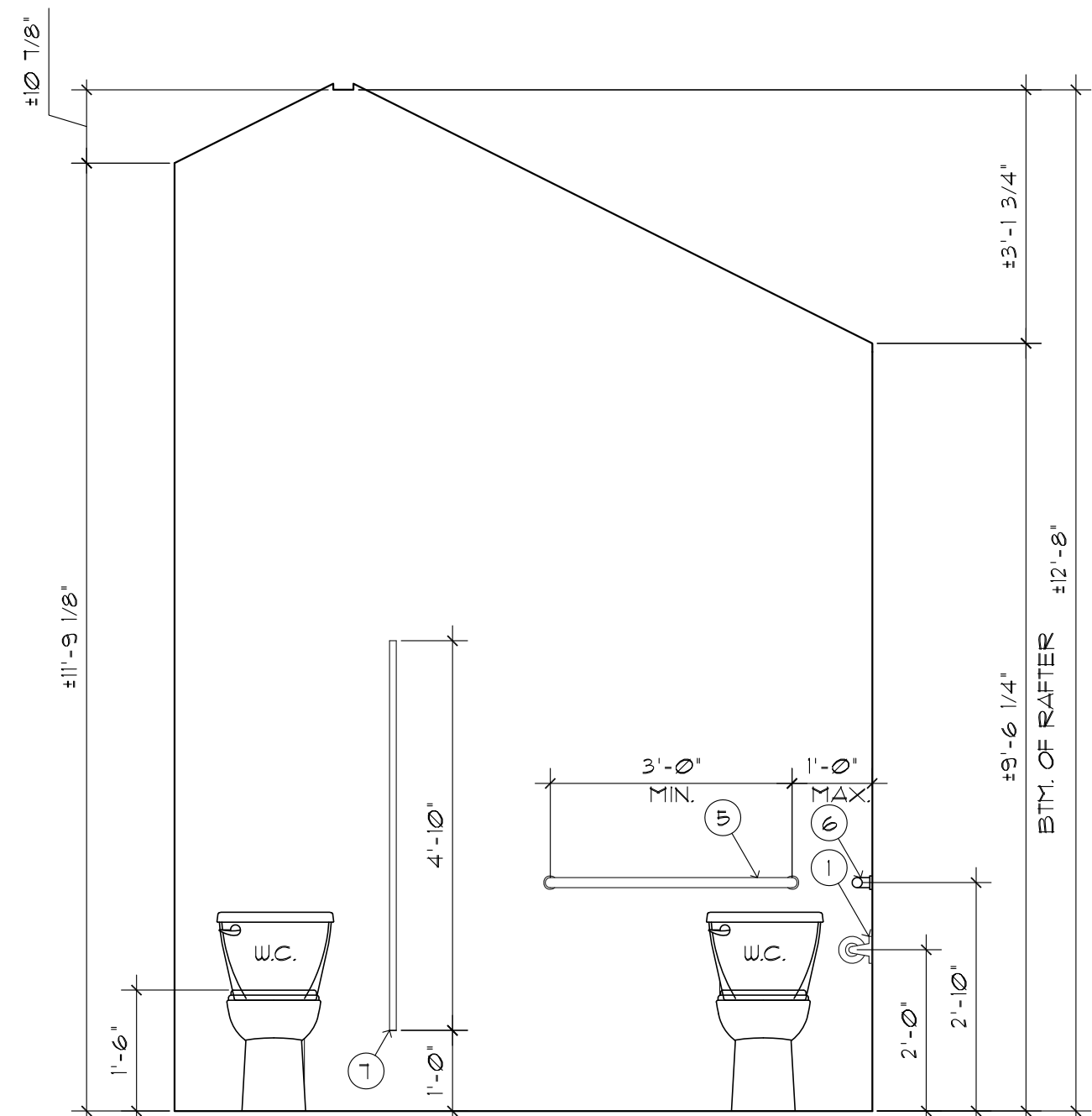
A9-4 INTERIOR ELEVATION
1/2"=1'-0"



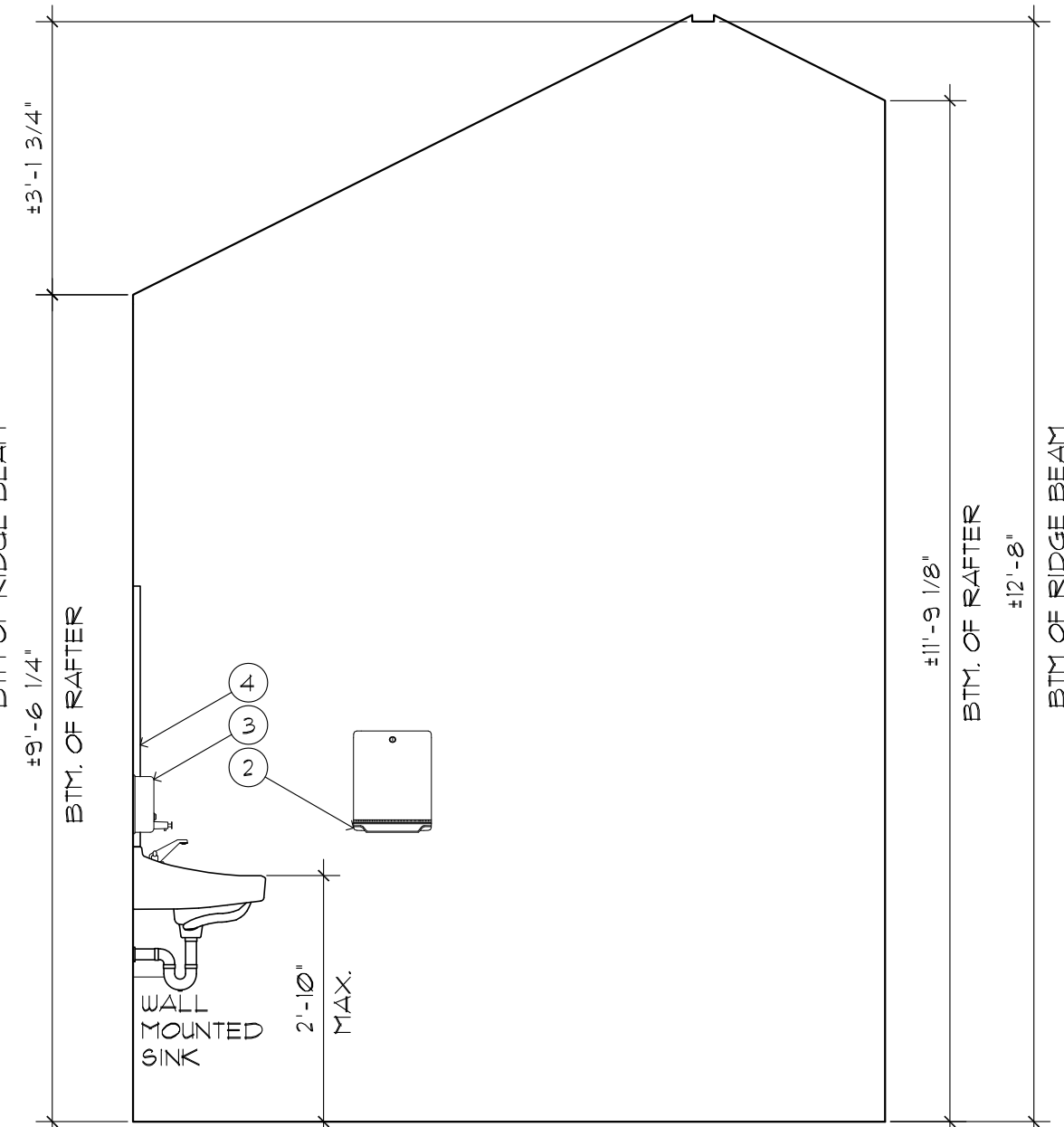
A9-5 ENLARGED WOMEN RESTROOMS
1/2"=1'-0"



A9-6 INTERIOR ELEVATION
1/2"=1'-0"



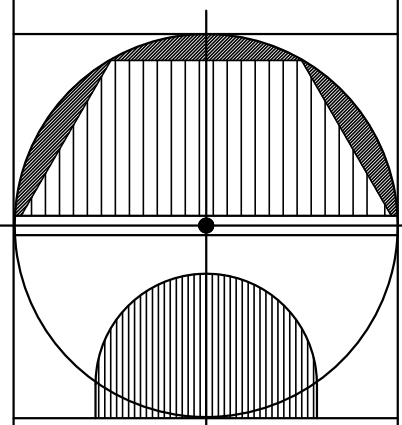
A9-7 INTERIOR ELEVATION
1/2"=1'-0"



A9-8 INTERIOR ELEVATION
1/2"=1'-0"

RESTROOM ACCESSORY SCHEDULE					
MARK	ITEM	MANUFACTURER	MODEL NUMBER	REMARKS	
1	TOILET TISSUE HOLDER	BRADLEY	5054	SURFACE MOUNTED	
2	PAPER TOWEL DISPENSER	BRADLEY	250-15	SURFACE, 48" MAX TO CENTER OF TOWEL SLOT	
3	SOAP DISPENSER	BRADLEY	6501	SURFACE- 48" AFF	
4	MIRROR - 18"x30"	BRADLEY	140	SURFACE, 40" MAX. REFL. PART OF MIRROR BOT.	
5	36" GRAB BAR	BRADLEY	8120-001360	SURFACE, CONCEALED FAST-36" AFF	
6	42" GRAB BAR	BRADLEY	8120-001420	SURFACE, CONCEALED FAST-36" AFF	
1	TOILET PARTITIONS	BRADLEY	BRADPMR SERIES 400	OVERHEAD BRACED, 4 URINAL SCREEN	

OWNER/BUILDER MAY SUBSTITUTE THESE SELECTIONS FOR EQUAL OR ABOVE QUALITY WITH ARCHITECT'S APPROVAL



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DRAWING INFORMATION:
**ENLARGED PLANS/
INTERIOR ELEVATIONS**

DATE: 8-4-17
DRAWN BY: STAFF

I:\Active Projects\Fish Market

SHEET NUMBER:

A9

PLUMBING SPECIFICATIONS

1. COMPLY WITH ALL CODES APPLYING TO THE WORK OF THIS CONTRACT INCLUDING THE INTERNATIONAL BUILDING CODE AND THE LAWS AND STATUTES OF THE U.S. VIRGIN ISLANDS. OBTAIN INFORMATION ON ALL CODE RESTRICTIONS AND REQUIREMENTS. IN CASE OF CONFLICT BETWEEN THE CONTRACT DOCUMENTS AND A GOVERNING CODE OR ORDINANCE, SUCH CONFLICT SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ARCHITECT FOR RESOLUTION. EXTRA PAYMENT WILL NOT BE ALLOWED FOR WORK REQUIRED BY CODE RESTRICTIONS EXCEPT THROUGH WRITTEN AGREEMENT WITH THE OWNER.

2. SCOPE: PROVIDE A COMPLETE PLUMBING SYSTEM AS SHOWN ON DRAWINGS AND MEETING REQUIREMENTS OF APPLICABLE STATE AND LOCAL CODES. OBTAIN ALL REQUIRED PERMITS AND CERTIFICATES.

3. GUARANTEE: PROVIDE ALL NEW MATERIALS AND EQUIPMENT, AND GUARANTEE SAME AGAINST DEFECTS FOR A PERIOD OF ONE YEAR FROM DATE OF ACCEPTANCE. AS FAR AS PRACTICAL, SIMILAR PRODUCTS SHALL BE BY ONE MFG.

4. ALL PRODUCTS DESIGNED FOR DISPENSING POTABLE WATER MUST MEET BOTH THE NSF 61 AND NSF 372 TEST STANDARDS VIA THIRD-PART TESTING AND CERTIFICATION.

5. FIXTURES: PLUMBING FIXTURES SHALL BE AS SCHEDULED ON THE DRAWINGS, APPROVED MANUFACTURERS ARE AMERICAN STANDARD, BRADLEY, CHICAGO, CRANE, DELTA, ELKAY, KOHLER, WATER COOLERS SHALL BE AS SCHEDULED ON DRAWINGS, APPROVED MANUFACTURERS ARE OASIS, ELKAY, HALSEY TAYLOR. FIXTURE TRIM AND FITTINGS SHALL BE C.P. BRASS INCLUDING PIPING SERVING FIXTURES EXPOSED BEYOND FACE OF FINISHED WALL. PROVIDE STOPS IN WATER SUPPLIES TO EACH AND EVERY FIXTURE. FIXTURE MOUNTING HEIGHT SHALL BE AS SHOWN ON THE ARCH. DRAWINGS.

6. SANITARY WASTE PIPING: SOIL, WASTE AND VENT PIPING SHALL BE SOLID WALL DWV POLYVINYL CHLORIDE (PVC), SCHEDULE 40, SOLVENT WELD JOINTS. EXPOSED SANITARY PIPING UNDER LAVATORIES SHALL BE CHROME PLATED COPPER/BRASS. SUPPORT ALL SOIL AND VENT STACKS AT BASE. PROVIDE CLEANOUTS AS REQUIRED BY CODE. USE SCREW TYPE CLEANOUTS FOR PIPING CONCEALED IN WALL WITH CHROMIUM PLATED BRONZE COVER PLATES. PITCH ALL 2 1/2" AND SMALLER DRAIN PIPING AT LEAST 1/4" PER FOOT AND 3" AND LARGER DRAIN PIPING AT LEAST 1/8" PER FOOT UNLESS OTHERWISE NOTED.

7. WATER SUPPLY PIPING: HOT AND COLD WATER SUPPLY PIPING SHALL BE CHLORINATED POLYVINYL CHLORIDE (CPVC), SOLVENT WELD JOINTS. SUITABLE FOR USE AT MINIMUM WORKING PRESSURE OF 160 PSI AT 73 DEG. F. AND 100 PSI AT 180 DEG. F. EXPOSED HOT OR COLD WATER PIPING UNDER LAVATORIES, AND CONNECTIONS TO WATER CLOSETS AND URINALS SHALL BE CHROME PLATED COPPER/BRASS. PIPING SERVING WATER CLOSETS SHALL MAKE TRANSITION FROM THE WATER RISER(S) WITHIN CHASES/WALLS FROM CPVC TO COPPER. PIPES 1/2" THRU 2" SHALL BE CPVC-CT (COPPER PIPE SIZE) MEETING TEST REQUIREMENTS OF SDR 11. WATER HAMMER ARRESTERS SHALL BE BELLOWES OR PISTON TYPE SIZED PER MFG. RECOMMENDATIONS. VALVES SHALL BE LINE SIZE UNLESS SPECIFICALLY SHOWN OTHERWISE. ALL EQUIPMENT SERVICE VALVES AND ALL SHUT-OFF VALVES 2" AND SMALLER SHALL BE BRONZE BODY FULL PORT BALL VALVES WITH STAINLESS STEEL BALL AND NYLON SEAT. INSTALL BALL VALVES UPSTREAM OF ALL EQUIPMENT CONNECTIONS AND WHERE SHOWN ON DRAWINGS. PROVIDE UNIONS AT EACH THREADED VALVE, FIXTURE OR APPARATUS TO FACILITATE REMOVAL.

8. INSULATION: PIPING INSULATION SHALL BE PRE-FORMED, FLAME-RETARDANT, ELASTOMERIC, POLYETHYLENE, PIPE INSULATION SIMILAR TO AP ARMAFLEX, AP ARMAFLEX SS, IMCOA IMOLOCK OR NOMACO NOMALOCK, AND INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. PRE-FORMED OWENS-CORNING 3.5 POUND DENSITY FIBERGLASS PIPE INSULATION WITH ALL SERVICE JACKET AND SELF-SEALING LAP WILL BE APPROVED FOR PIPE INSTALLED IN DRY LOCATIONS. INSULATION THICKNESSES SHALL BE AS FOLLOWS: INSULATE COLD WATER PIPING WITH 1/2" THICK PIPE INSULATION PER MANUFACTURERS' RECOMMENDATIONS. INSULATE HOT WATER PIPING WITH 1" THICK PIPE INSULATION PER MANUFACTURERS' RECOMMENDATIONS. INSULATE ALL OTHER PVC/CPVC PIPING LOCATED IN SUPPLY OR RETURN AIR PLENUMS WITH MINIMUM 1/2" THICK PIPE INSULATION. INSULATION SHALL MEET ALL STATE AND LOCAL REQUIREMENTS FOR PLENUM USE. AT ALL EXPOSED PIPING UNDER HANDICAPPED SINKS, PROVIDE PRE-MOLDED VINYL INSULATION. INSULATION SHALL BE "HANDI LAV-GUARD" INSULATION KITS AS MANUFACTURED BY TRUEBRO INC. OR APPROVED EQUAL. TRUEBRO INC. PHONE NO. IS (203) 875-2868. ALL INSULATION MATERIALS SHALL MEET FLAME SPREAD AND SMOKE DEVELOPED RATINGS PER NFPA BULLETIN 90-A WHEN TESTED IN ACCORDANCE WITH ASTM STANDARD E 84. SMOKE DEVELOPED LESS THAN OR EQUAL TO 50, AND FLAME SPREAD LESS THAN OR EQUAL TO 25.

9. PIPE HANGERS: PIPE HANGERS SHALL BE GALVANIZED STEEL CLEVIS HANGERS SELECTED WITHIN THE MANUFACTURER'S PUBLISHED LOAD RATINGS AND SHALL BE AUTO-GRIP, FEE AND MASON, OR GRINNEL. HANGERS FOR COPPER PIPE SHALL BE EITHER COPPER-PLATED TYPE OR THERE SHALL BE A SHIELD OF 4 POUNDS SHEET LEAD TO COMPLETELY SURROUND THE PIPE. TO PREVENT DIRECT CONTACT WITH THE HANGER. SUPPORTS FOR PIPES WITH VAPOR BARRIER TYPE COVERING SHALL NOT CONTACT THE PIPE BUT SHALL SURROUND THE UNBROKEN COVERING. PROVIDE GALVANIZED STEEL SHIELDS WITH MITERED CORNERS PROPERLY FORMED TO THE JACKET OUTSIDE DIAMETER BETWEEN HANGER CLEVISES AND THE LOWER 1/3 OF THE CIRCUMFERENCE.

10. PIPE SLEEVES: PROVIDE PIPE SLEEVES OR CORE BORE FOR ALL PIPES PASSING THROUGH CONCRETE OR MASONRY WALLS. SLEEVES THROUGH FLOOR SLABS OR FIRE WALLS SHALL BE GALVANIZED STEEL PIPE OF PROPER SIZE. FILL ALL SPACES BETWEEN PIPING AND SLEEVES PASSING THROUGH FIRE-RATED WALLS, FLOORS, OR CEILINGS WITH MATERIAL CAPABLE OF MAINTAINING THE FIRE-RESISTANCE RATING OF THE WALL, FLOOR OR CEILING. USE METACALK 950GW-1 OR APPROVED EQUAL CAULKING MATERIAL FOR PVC AND CPVC PIPING.

11. ESCUTCHEONS: PROVIDE ESCUTCHEONS ON ALL FINISHED SURFACES WHERE PIPING PENETRATE. FASTEN SECURELY TO PIPE OR PIPE COVERING.

12. CONTROLS: PROVIDE ALL PRESSURE CONTROLS, TEMPERING VALVES, AQUASTATS, TEMPERATURE AND PRESSURE RELIEF VALVES AND CONTROL VALVES NECESSARY FOR THE OPERATION OR ADJUSTMENT OF EQUIPMENT AND NOT SUPPLIED AS PART OF THE EQUIPMENT. INSTALL ALL HIGH VOLTAGE (120 V OR ABOVE) CONTROL WIRING IN EMT CONDUIT. INSTALL LOW VOLTAGE CONTROL WIRING IN CONDUIT UNLESS CONCEALED IN WALLS OR ABOVE FINISHED CEILINGS. DO NOT RUN LOW VOLTAGE CONTROL WIRING IN THE SAME CONDUIT AS HIGH VOLTAGE CONTROL OR POWER WIRING.

13. TESTING: ALL DRAINAGE, VENT AND INSIDE CONDUCTOR PIPING SHALL BE TESTED BEFORE FIXTURES ARE INSTALLED BY CAPPING OR PLUGGING THE OPENINGS AND FILLING THE ENTIRE SYSTEM WITH WATER, ALLOWING IT TO STAND THUS FILLED FOR 24 HOURS WITH AT LEAST 10 FEET OF PRESSURE. IF REQUIRED TO TEST SYSTEM IN SECTIONS, PROVIDE NECESSARY TEST TEES, PLUGS AND STAND PIPE TO TEST THE SYSTEM WITH AT LEAST 10 FEET OF PRESSURE. REMAKE ALL LEAKING JOINTS AND RETEST. TEST ALL WATER SUPPLY PIPING BEFORE FIXTURES, EQUIPMENT AND/OR HYDRANTS ARE CONNECTED. CAP OR PLUG THE OPENINGS, FILL THE SYSTEM WITH WATER AND APPLY A HYDROSTATIC PRESSURE OF 1.5 TIMES THE OPERATING PRESSURE OR 125 PSIG, WHIC EVER IS HIGHER. HOLD TEST PRESSURES FOR AT LEAST 24 HOURS. REMAKE ALL LEAKING JOINTS AND RETEST UNTIL SYSTEMS PROVE TIGHT. THESE TESTS ARE MINIMUM AND ARE NOT INTENDED TO BE LIMITING WHERE ADDITIONAL TESTING METHODS ARE REQUIRED BY GOVERNING AUTHORITY. TEST EACH FIXTURE FOR SOUNDNESS, STABILITY OF SUPPORT, AND SATISFACTORY OPERATION OF ALL ITS PARTS.

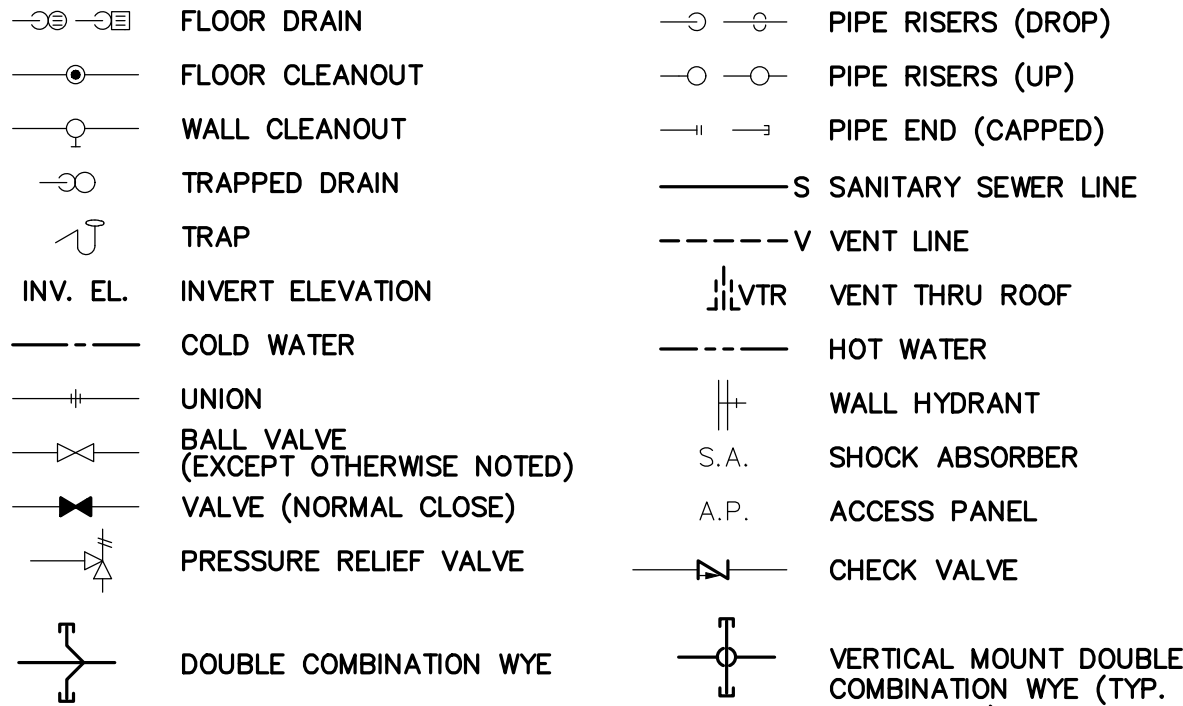
14. DISINFECTION OF POTABLE WATER PIPING: DISINFECT ANY PART OF POTABLE WATER SYSTEM INSTALLED OR REPAIRED IN ACCORDANCE WITH ONE OF THE FOLLOWING METHODS BEFORE IT IS PLACED IN SERVICE:

AFTER TESTS ARE COMPLETED, FILL ALL WATER SUPPLY SYSTEMS WITH A SOLUTION CONTAINING 50 PPM OF AVAILABLE CHLORINE AND ALLOW TO STAND FOR A PERIOD OF AT LEAST 24 HOURS BEFORE BEING FLUSHED WITH CLEAN WATER. DELIVER A DATED LETTER CERTIFYING STERILIZATION TO THE ARCHITECT.

AFTER TESTS ARE COMPLETED, FILL ALL WATER SUPPLY SYSTEMS WITH A SOLUTION CONTAINING 200 PPM OF AVAILABLE CHLORINE AND ALLOW TO STAND FOR A PERIOD OF AT LEAST 3 HOURS BEFORE BEING FLUSHED WITH CLEAN WATER. DELIVER A DATED LETTER CERTIFYING STERILIZATION TO THE ARCHITECT.

15. CLEANING AND RUBBISH: DURING THE WORK, KEEP THE PREMISES CLEAR OF RUBBISH CREATED AS A RESULT OF THE WORK. PROTECT AND PREVENT UNNECESSARY INDUCTION OF DIRT INTO PIPING, FIXTURES AND EQUIPMENT. ON COMPLETION OF THE WORK, REMOVE ALL RUBBISH AND DEBRIS RESULTING FROM THE WORK AND DISPOSE OF SAME. THOROUGHLY CLEAN AND LEAVE IN A SATISFACTORY CONDITION FOR USE OF ALL EQUIPMENT, PIPE, FIXTURES, ETC.

LEGEND



PLUMBING GENERAL NOTES

- SEE SPECIFICATION FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
- COORDINATE HVAC EQUIPMENT AND DUCT LOCATION WITH HVAC CONTRACTOR. SEE MECH DWGS. FOR ADDITIONAL INFORMATION.
- DO NOT INSTALL PIPING ABOVE ELECTRICAL PANELS OR EQUIPMENT. COORDINATE ELECTRICAL PANEL AND EQUIPMENT LOCATION WITH ELECTRICAL CONTRACTOR.
- RUN ALL HORIZONTAL COLD & HOT WATER PIPING ABOVE CEILINGS UNLESS OTHERWISE NOTED.
- EXTERIOR HOSE BIBS TO BE LOCATED 18" ABOVE GRADE UNLESS OTHERWISE NOTED.
- INSTALL ALL WORK IN A NEAT AND WORKMANLIKE MANNER, USING ONLY WORKMEN THOROUGHLY QUALIFIED IN THE TRADE OR DUTIES THEY ARE TO PERFORM. ROUGH WORK WILL BE REJECTED.
- MAINTAIN A MINIMUM 10' CLEARANCE BETWEEN HVAC EQUIPMENT FRESH AIR INTAKES AND SANITARY VENTS.
- DOMESTIC WATER SHUT-OFF VALVES LOCATED ABOVE DRYWALL CEILINGS SHALL BE GROUPED TOGETHER TO PROVIDE ACCESS FROM SINGLE ACCESS PANELS IF POSSIBLE. PROVIDE WITH IDENTIFICATION TAG INDICATING AREAS THE VALVE CONTROLS.
- UNLESS OTHERWISE DIRECTED, ALL DOMESTIC WATER SHALL BE LOCATED AS HIGH AS POSSIBLE, TIGHT TO BOTTOM OF STRUCTURE. UNLESS OTHERWISE DIRECTED, SANITARY AND VENT PIPING SHALL BE LOCATED AS HIGH AS POSSIBLE, TIGHT TO BOTTOM OF STRUCTURE, WITH MINIMUM SLOPE REQUIRED BY APPLICABLE CODE REQUIREMENTS.
- COORDINATE ALL LATERAL CONNECTIONS WITH CIVIL ENGINEERING DRAWINGS, ANY CONFLICTS TO BE RESOLVED PRIOR TO START OF CONSTRUCTION.
- CLEANOUTS ON 6" AND SMALLER PIPING SHALL BE PROVIDED WITH A CLEARANCE OF NOT LESS THAN 18" FOR RODDING.

PLUMBING EQUIPMENT SCHEDULE

F-1 FREE STANDING, STAINLESS STEEL SCULLERY SINK. PLUMBING CONTRACTOR TO PROVIDE AND INSTALL ALL REQUIRED ACCESSORIES (ie. WALL SUPPLIES, SUPPLY LINES, DRAIN, P-TRAP, ETC.) FOR A COMPLETE AND FINAL CONNECTION TO EQUIPMENT. PROVIDE ONE COLD WATER ONLY COMBINATION SWING FAUCET AND PRE-RINSE SPRAYER UNIT, T&S BRASS MODEL B-0133-A12-B08C. COORDINATE ROUGH-IN DIMENSIONS AND LOCATIONS. PIPE SIZES, ETC. WITH EQUIPMENT CUT-SHEETS AND/OR MANUFACTURER PRIOR TO INSTALLATION.

F-2 FLOOR SUPPORTED, HEAVY DUTY FOOD WASTE GRINDER, STAINLESS STEEL AND CHROME FINISH, INSINKERATOR MODEL SS-300 COMPLETE WITH CC-101 CONTROL CENTER, 3-HP, 208V, 1 PH.

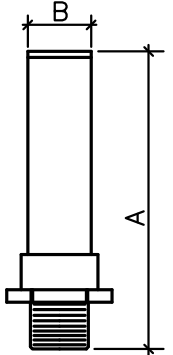
LS-1 DUPLEX GRINDER LIFT STATION PACKAGE COMPLETE WITH CAST IRON BALL CHECK VALVES, CONTROL PANEL WITH INTEGRAL PUMP STARTING, FOUR CONTROL FLOAT SWITCHES, STAINLESS STEEL FLOAT BRACKET, JUNCTION BOX, 36" DIAMETER X 84" DEEP HEAVY DUTY FIBERGLASS BASIN, SOLID FIBERGLASS COVER, STAINLESS STEEL RAIL SYSTEM WITH SEALING FLANGES. LITTLE GIANT PACKAGE MODEL GP-DPLX3684, 2-HP, 208V, 1 PH.

CQ-1 FLOOR CLEAN OUT, SIOUX CHIEF SERIES 834, NICKEL BRONZE, ABS THREADED BRASS INSERT, SCHEDULE 40 HUB CONNECTION. PROVIDE 12"x 12" CONCRETE BASE AROUND CLEANOUT COVER.

CQ-2 WALL CLEAN OUT, J. R. SMITH 4472-U WITH VANDAL PROOF SCREW AND STAINLESS STEEL COVER.

BFP-1 1/2" DOUBLE CHECK BACKFLOW PREVENTER WITH CAST COPPER SILICON ALLOY LEAD FREE CONSTRUCTION, WATTS SERIES LF007. PROVIDE UNIT WITH BRONZE STRAINER AND SHUT-OFF VALVES.

TP-1 TRAP PRIMER, MIFAB MODEL MR-500. PROVIDE WITH MODEL MI-DU DISTRIBUTION UNIT AND ISOLATION VALVE. FOR ADDITIONAL INFORMATION, SEE DETAIL.

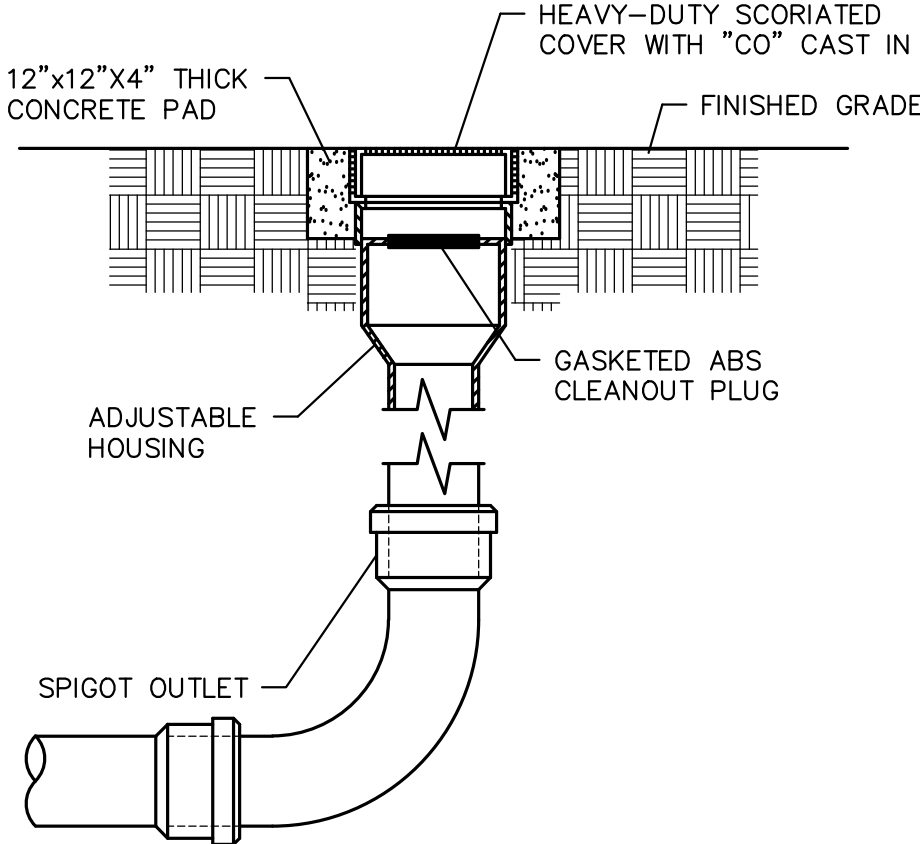


MODEL	PDI SIZE	MIPS THREAD	DIMENSIONS (APPROXIMATE)		AIR CHAMBER VOLUME cubic in.	FIXTURE UNIT CAPACITY
			A in.	B in.		
1250XL-A	A	1/2	5 1/4	1 1/8	3.5	1-11
1250XL-B	B	3/4	5 5/8	1 5/8	4.3	12-32
1250XL-C	C	1	7 1/2	1 5/8	6.5	33-60
1250XL-D	D	1	9 5/16	1 3/4	10.0	61-113
1250XL-E	E	1	10 1/4	2 1/2	22.4	114-154
1250XL-F	F	1	10 7/8	2 7/8	34.4	155-330

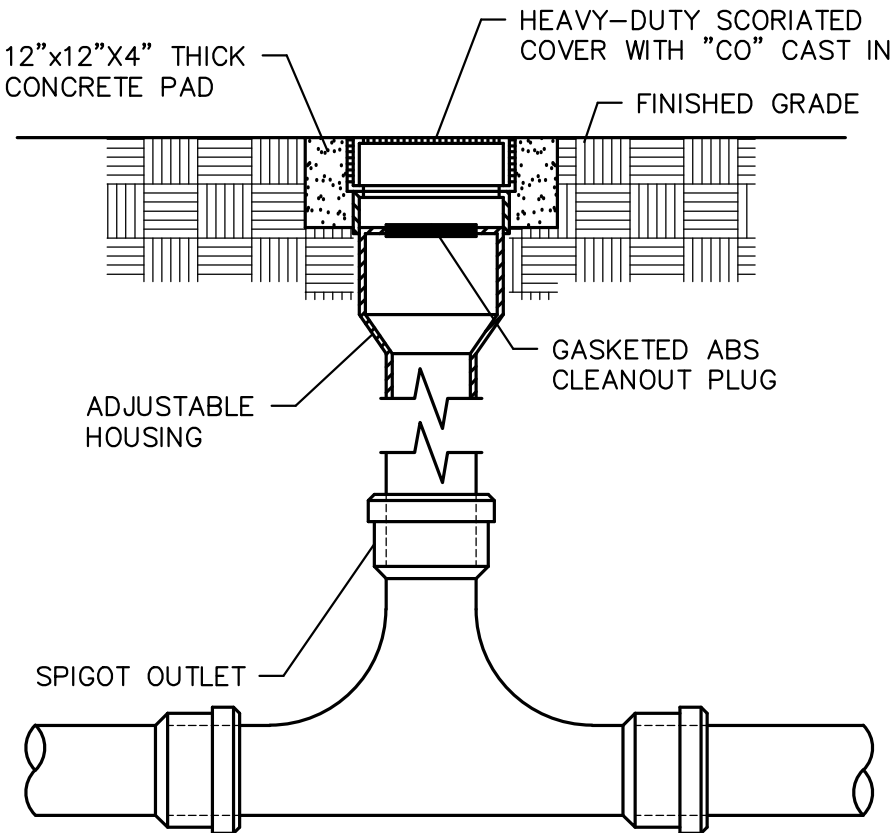
NOTES:

- "PDI" REFERS TO THE PLUMBING AND DRAINAGE INSTITUTE.
- MODEL NUMBERS, DIMENSIONS AND ASSOCIATED CAPACITIES INDICATED IN THIS DETAIL WERE DERIVED FROM ZURN/WILKINS WATER HAMMER ARRESTERS PRODUCT LINE.
- WATER HAMMER ARRESTERS ARE REQUIRED TO BE "LEAD-FREE" AND SHALL MEET THE REQUIREMENTS OF BOTH NSF 61 AND NSF 372.

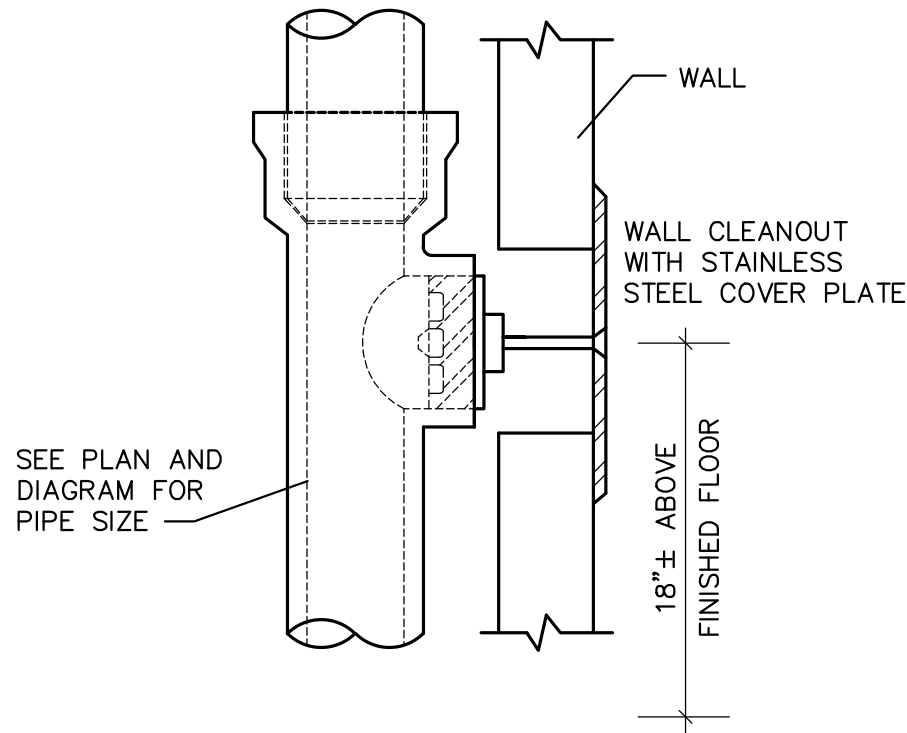
WATER HAMMER ARESTOR
NOT TO SCALE



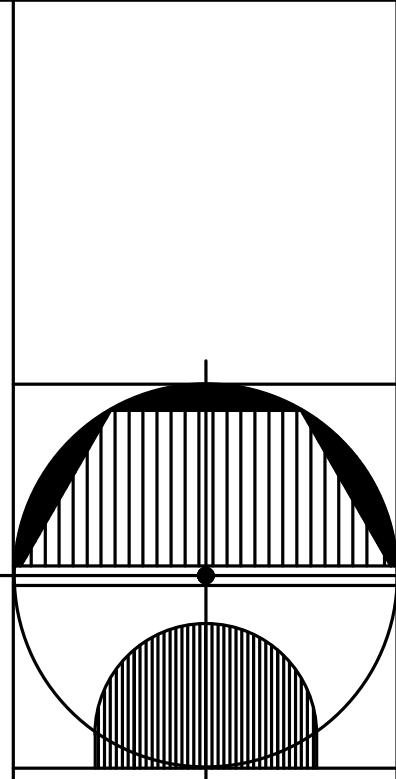
DETAIL - ONE-WAY CLEANOUT ON GRADE
NOT TO SCALE



DETAIL - 2-WAY CLEANOUT ON GRADE
NOT TO SCALE



DETAIL - WALL CLEANOUT
NOT TO SCALE



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FISH MARKET
IMPROVEMENTS
ESTATE LA REINE
ST. CROIX, U.S.V.I.

PROJECT:

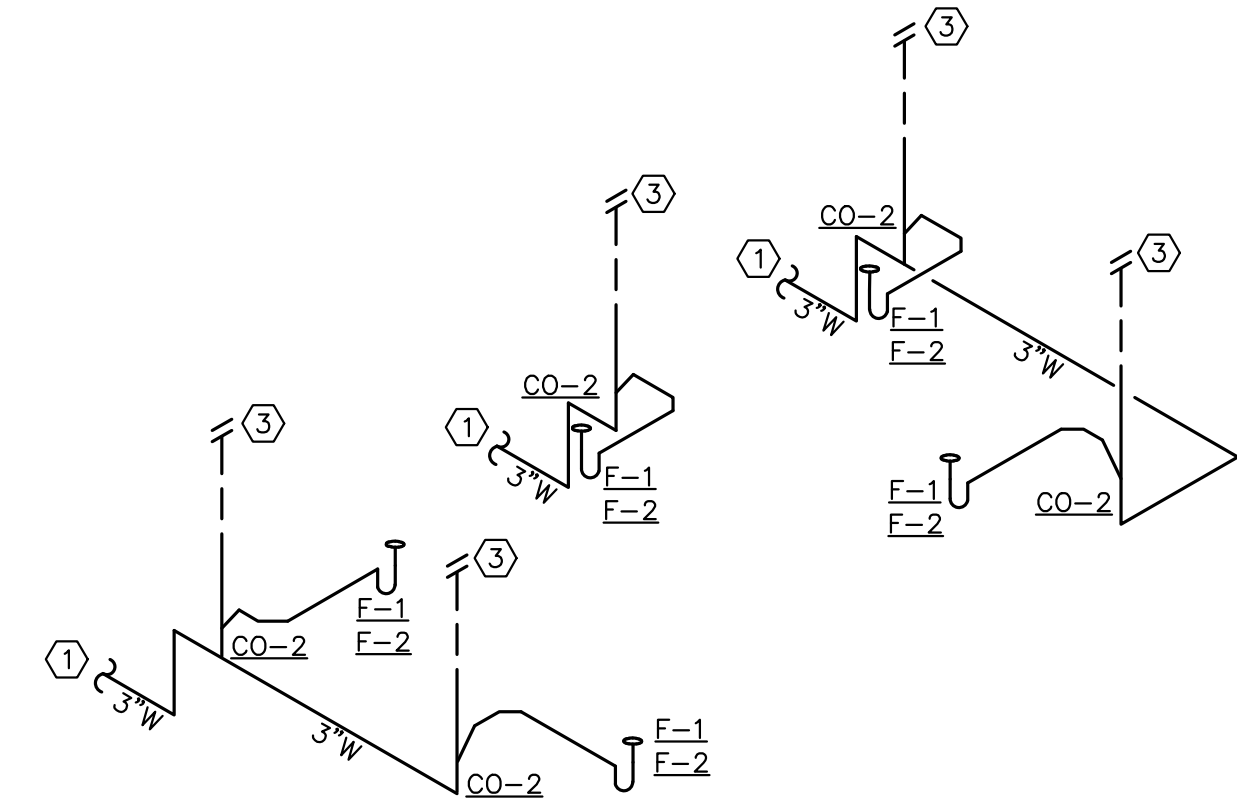
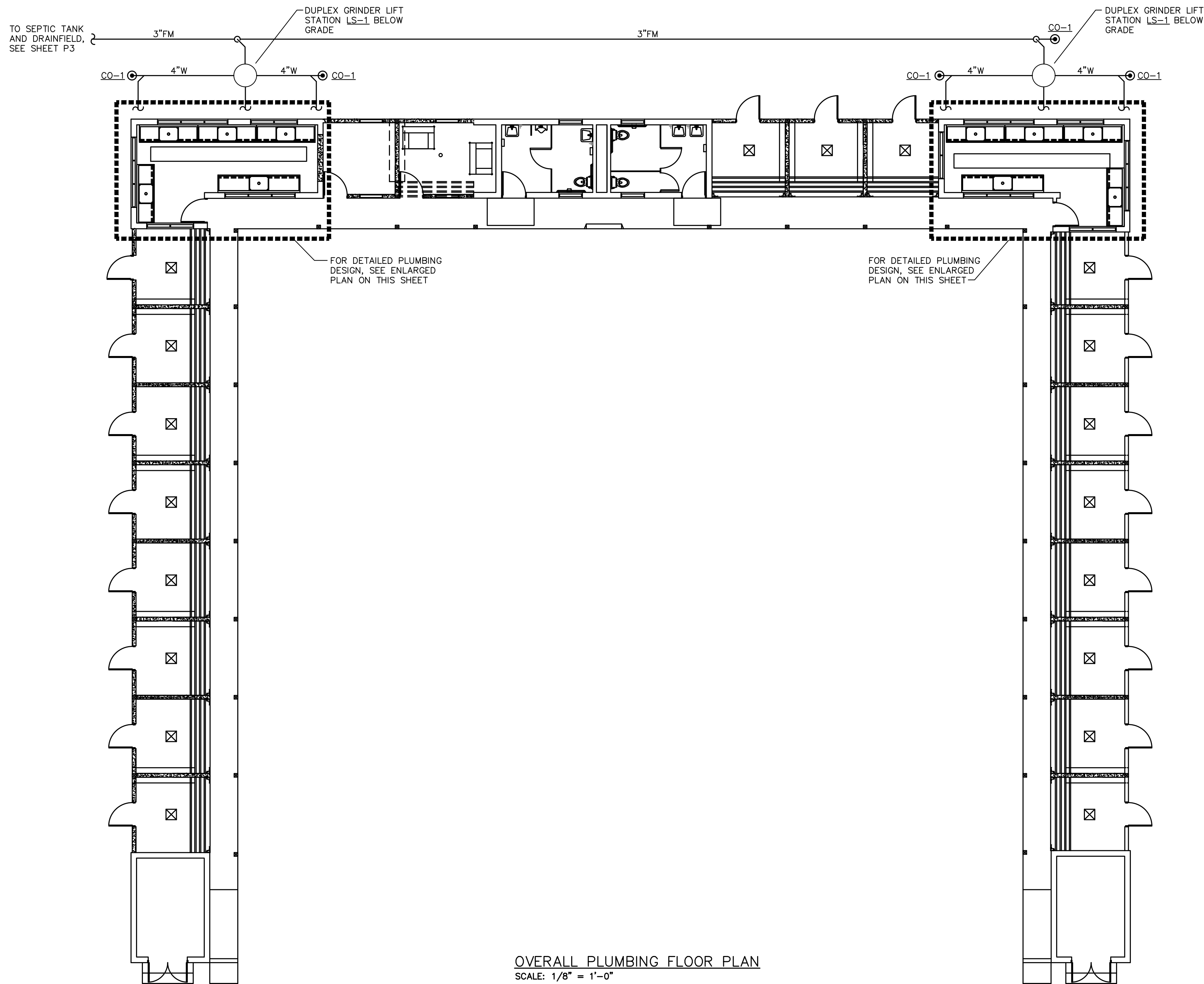
PLUMBING DETAILS
LEGEND, SCHEDULE,
NOTES & SPECIFICATIONS

DRAWING INFORMATION:

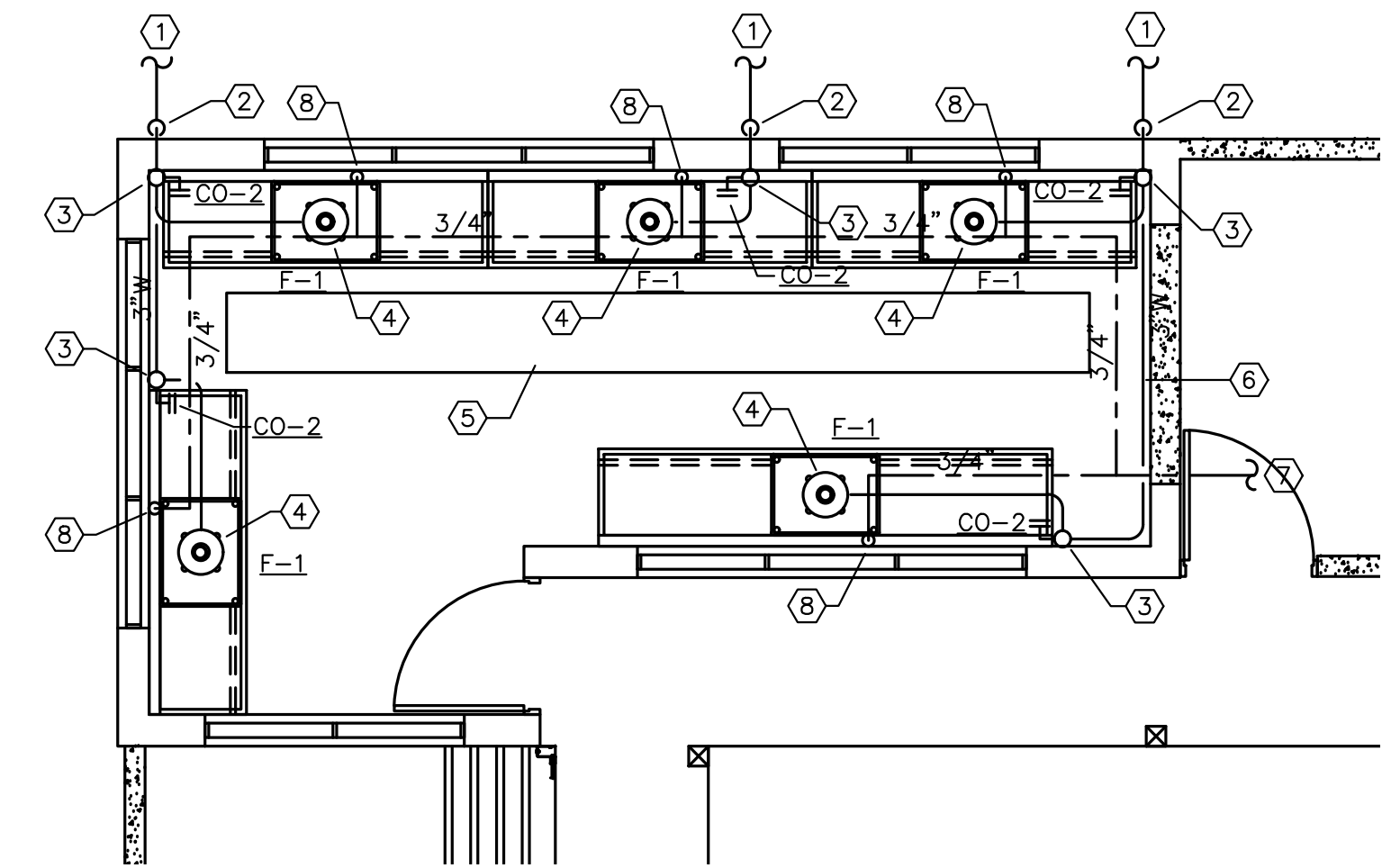
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SHEET NUMBER:

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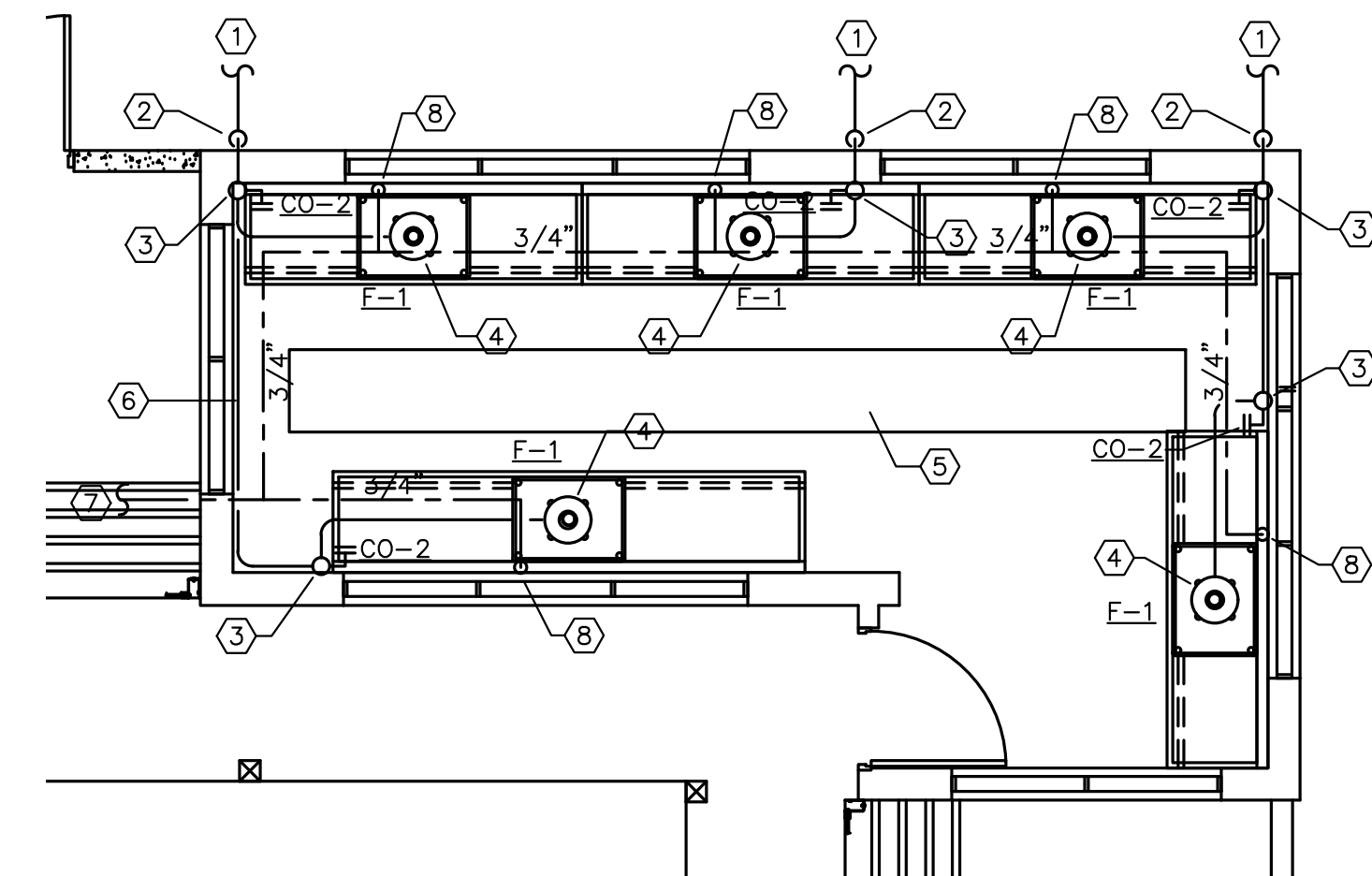
SANITARY WASTE RISER DIAGRAM
N.T.S.



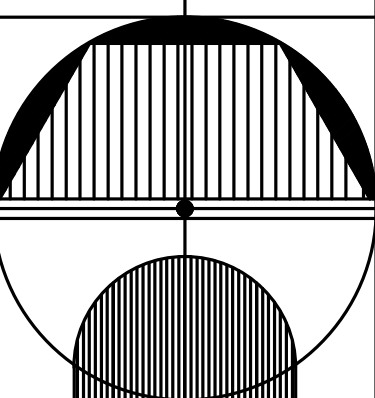
ENLARGED PLUMBING PLAN
SCALE: 1/4" = 1'-0"

PLUMBING DESIGN NOTES

- ① 3" WASTE BELOW GRADE. SEE OVERALL PLAN FOR CONT.
- ② 3" WASTE DOWN TO BELOW GRADE.
- ③ 3" WASTE WITH 2" STUDOR VENT.
- ④ WASTE DISPOSAL UNIT F-2 BELOW SINK.
- ⑤ EXISTING FLOOR TRENCH TO REMAIN IN SERVICE.
- ⑥ ROUTE PIPING ABOVE FLOOR.
- ⑦ CONNECT TO EXISTING CW SUPPLY AT CEILING. FIELD VERIFY SIZE AND EXACT LOCATION.
- ⑧ 3/4" CW DOWN TO F-1 FAUCET. PROVIDE 1/2" CW VALVE & SUPPLY ROUTED TO WASTE DISPOSAL UNIT.



ENLARGED PLUMBING PLAN
SCALE: 1/4" = 1'-0"



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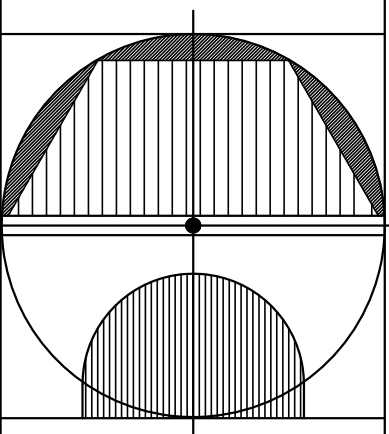
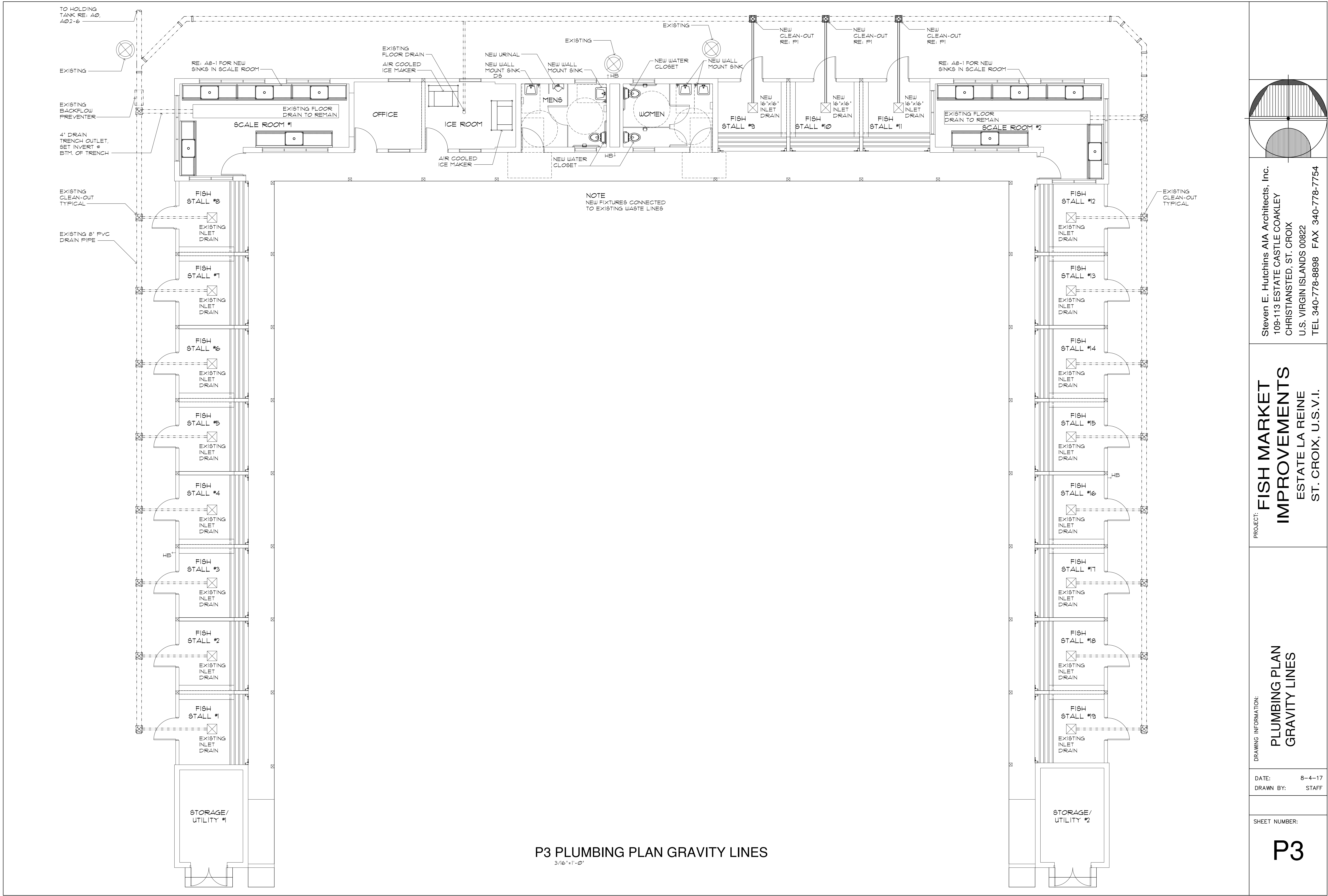
PROJECT:

DRAWING INFORMATION:
PLUMBING
FLOOR PLANS

DATE: 03-24-17
DRAWN BY: RMB

SHEET NUMBER:

P2



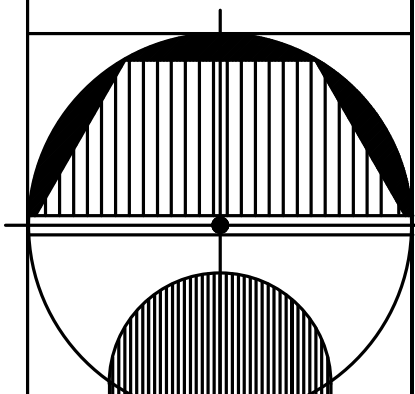
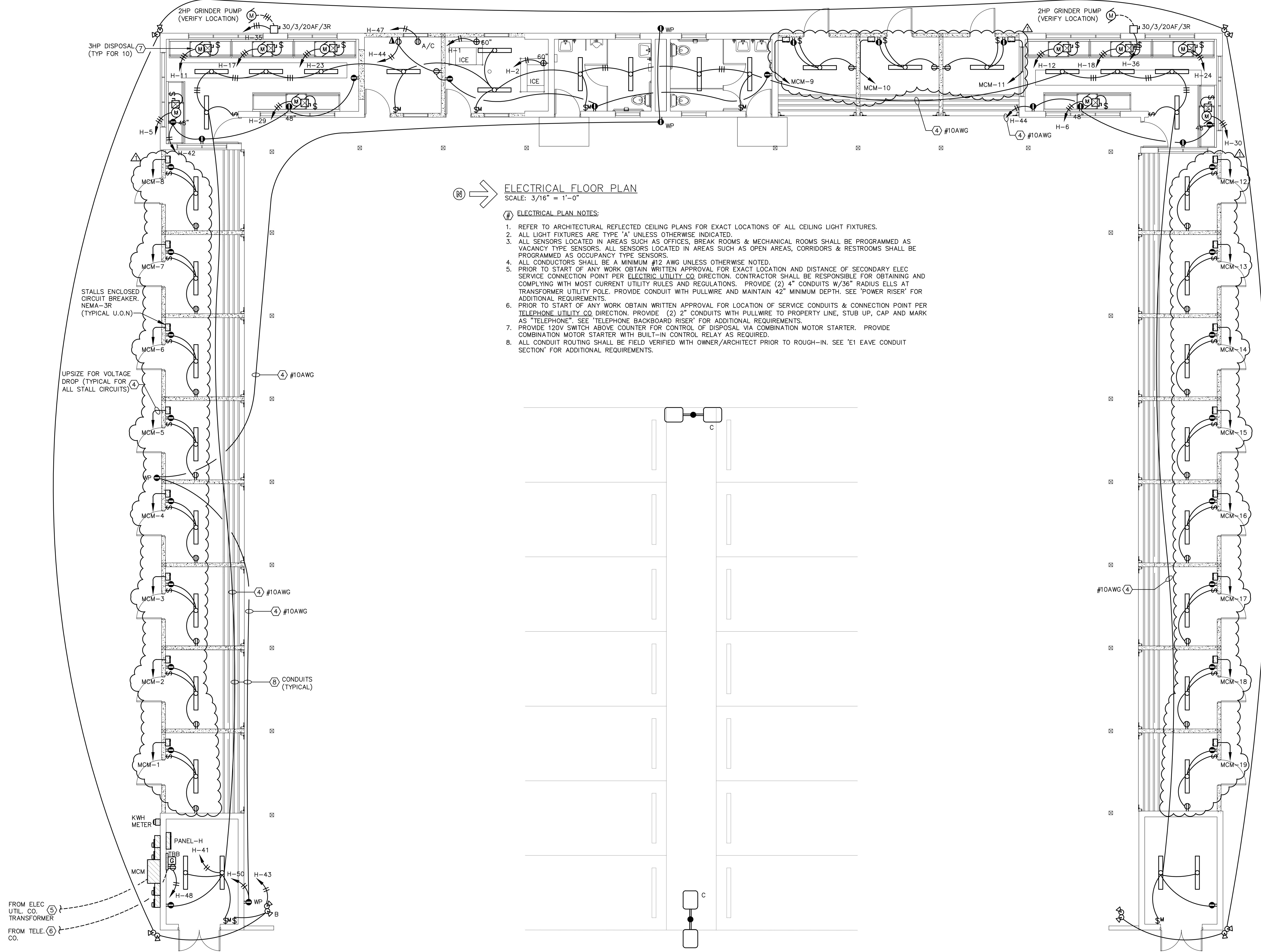
Steven E. Hutchins AIA Architects, Inc.
109-113 ESTATE CASTLE COAKLEY
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TEL 340-778-8898 FAX 340-778-7754

PROJECT: **FISH MARKET IMPROVEMENTS**
ESTATE LA REINE
ST. CROIX, U.S.V.I.

DRAWING INFORMATION: **PLUMBING PLAN GRAVITY LINES**

DATE: 8-4-17
DRAWN BY: STAFF

SHEET NUMBER:
P3



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PROJECT:

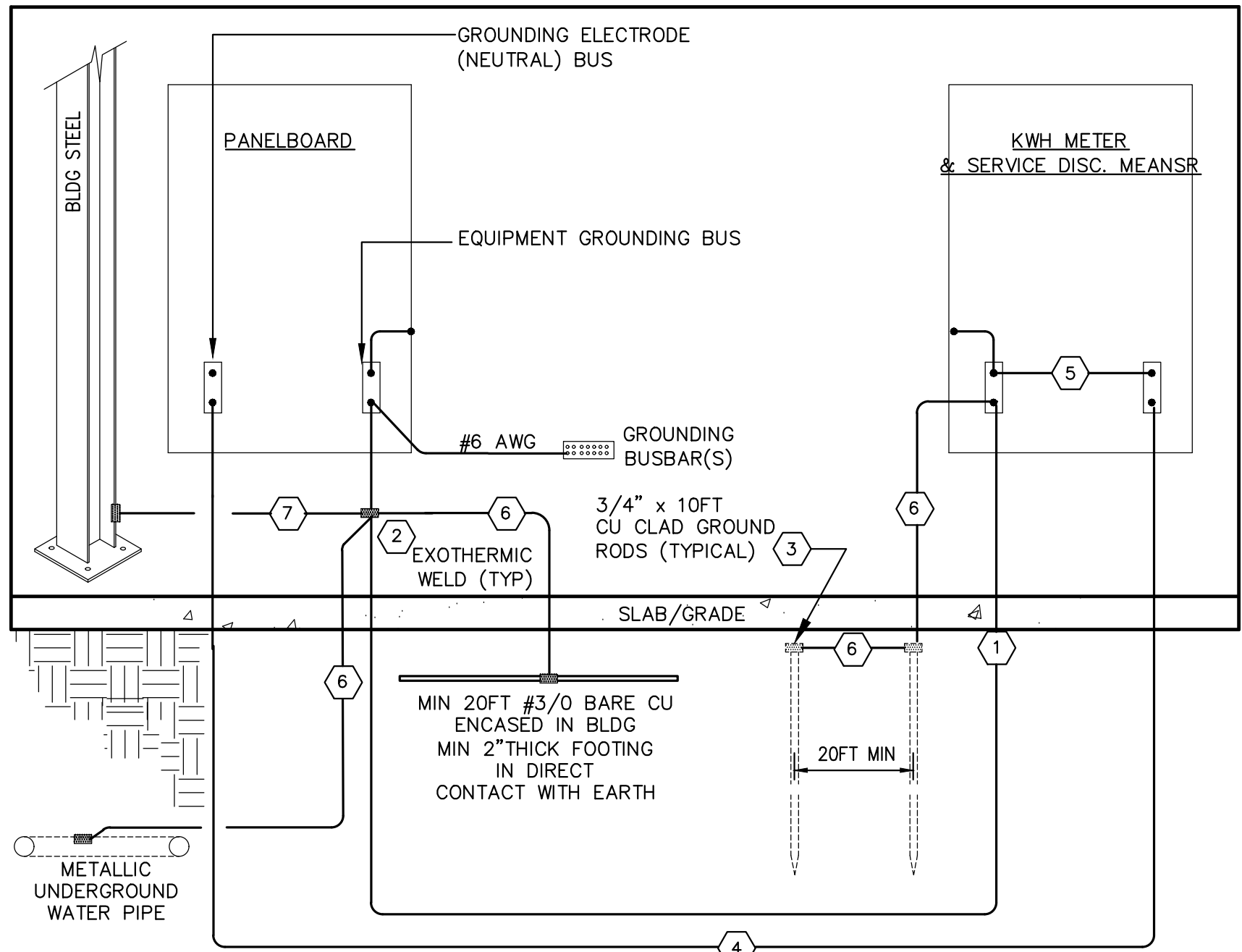
DRAWING INFORMATION:
ELECTRICAL
FLOOR PLAN

DATE: 05-02-17
DRAWN BY: BMV

SHEET NUMBER:

E1

7/20/17
2785E1-2

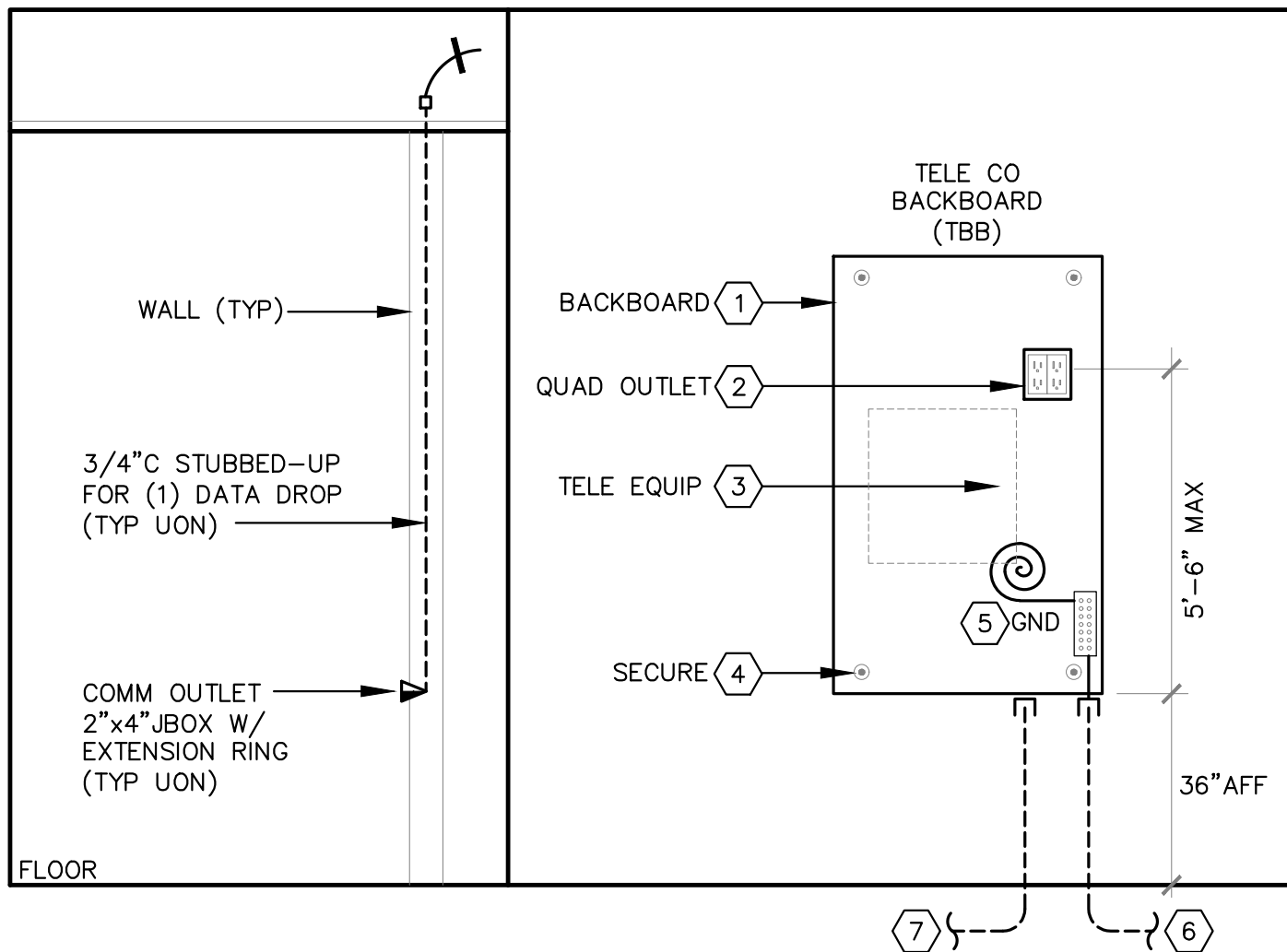


SYSTEM GROUNDING DETAIL

GROUNDING DETAIL NOTES:

- EQUIPMENT GROUNDING CONDUCTOR (GND) —REFER TO POWER RISER FOR WIRE SIZE.
- ALL SERVICE GROUNDING CONNECTIONS SHALL BE DONE WITH EXOTHERMIC WELDS.
- AFTER GROUNDING SYSTEM IS INSTALLED, GROUND RESISTANCE SHALL BE MEASURED, TO ASSURE THAT GROUND VALUE OF 10 OHM MAXIMUM RESISTANCE IS ACHIEVED. IF NOT, ADDITIONAL GROUNDING SHALL BE PROVIDED TO MEET SPECIFIC VALUE.
- GROUNDING ELECTRODE CONDUCTOR (NEUTRAL) — REFER TO POWER RISER FOR WIRE SIZE.
- MAIN BONDING JUMPER SIZE PER NEC 250-66.
- #1/0 AWG GROUNDING ELECTRODE CONDUCTOR.
- GROUNDING ELECTRODE CONDUCTOR PER NEC TABLE 250.66

NO SCALE



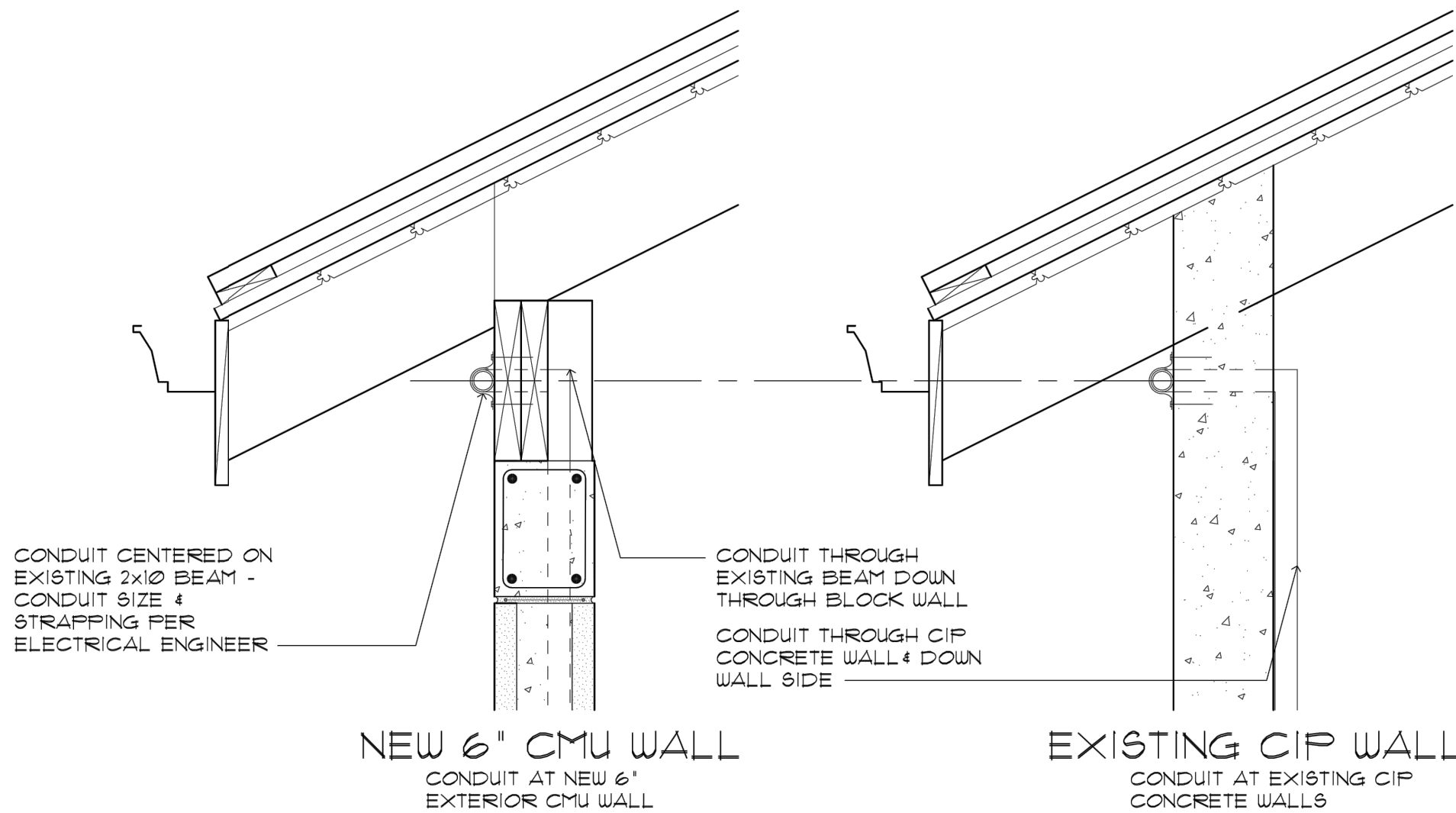
TELEPHONE BACKBOARD RISER

BACKBOARD RISER NOTES:

- BACKBOARD SHALL BE PLYWOOD 2"x4"x3/4" W/FIRE RETARDANT PAINT ON ALL 6 SIDES. (SMOOTH SIDE VISIBLE)
- FLUSH W/TO QUARAPLEX RECEPTACLE.
- TELE CO'S 100 PAIR TERMINAL BLOCK.
- SECURE TO WALL WITH ANCHOR BOLT & 1" WASHER (TYP).
- GROUNDING BAR WITH 5FT COILED #6AWG GREEN INSULATED CONDUCTOR IN FOR COMMUNICATIONS CO CONNECTION TO GROUND.
- BOND #6AWG GREEN INSULATED CONDUCTOR IN 1/2" TO SERVICE ENTRANCE ELEC SYSTEM GROUND.
- 2- 2"PVC TO TELEPHONE CO SERVICE CONNECTION POINT. SEE 'ELEC SITE PLAN'.

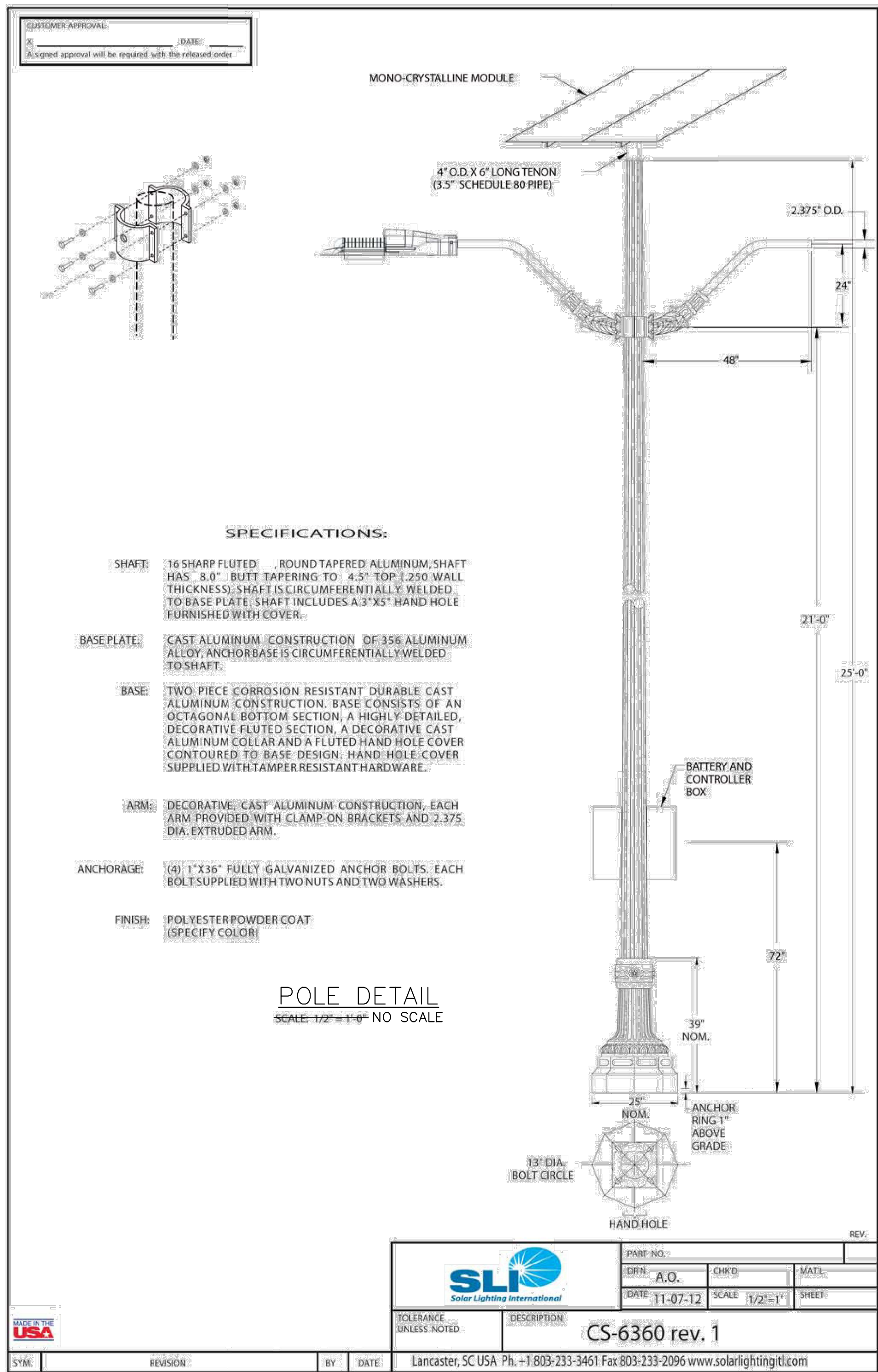
NO SCALE

PANEL— H		SURF MOUNTED TOP FEED		240/120 V, 22K AIC		3 PH, 4 W, 225 AMP, MAIN BKR		(PHASE B IS HIGH LEG)			
SERVING		AWG SIZE	KVA LOAD	AMP	CKT	PHASE A B C	CKT	AMP	KVA LOAD	AWG SIZE	SERVING
ICE MACHINE	↓	12	2.0	20	1	↑	2	20	2.0	12	ICE MACHINE
DISPOSAL (3HP)	↓	12	3.0	20	5	↑	6	20	3.0	12	DISPOSAL (3HP)
DISPOSAL (3HP)	↓	12	3.0	20	9	↑	10	20	3.0	12	DISPOSAL (3HP)
DISPOSAL (3HP)	↓	12	3.0	20	13	↑	14	20	3.0	12	DISPOSAL (3HP)
DISPOSAL (3HP)	↓	12	3.0	20	17	↑	18	20	3.0	12	DISPOSAL (3HP)
DISPOSAL (3HP)	↓	12	3.0	20	21	↑	22	20	3.0	12	DISPOSAL (3HP)
DISPOSAL (3HP)	↓	12	3.0	20	25	↑	26	20	3.0	12	DISPOSAL (3HP)
DISPOSAL (3HP)	↓	12	3.0	20	29	↑	30	20	3.0	12	DISPOSAL (3HP)
GRINDER PUMP (2HP)	↓	12	3.3	20	35	↑	36	20	3.3	12	GRINDER PUMP (2HP)
[HIGH LEG— DO NOT USE]		↓			37	↑	38	↓			[HIGH LEG— DO NOT USE]
LTS/REC—INTERIOR		12	1.2	20	41	↑	42	20	0.5	12	REC—SCALE ROOM
LTS—EXTERIOR		12	0.1	20	43	↑	44	20	0.5	12	SCALE ROOM
[HIGH LEG— DO NOT USE]					45	↑	46	↓			[HIGH LEG— DO NOT USE]
REC—OFFICE AC UNIT		12	1.6	20	47	↑	48	20	0.7	12	REC— TBB
OFFICE,ICE,RESTROOMS	↓	12	0.9	20	49	↑	50	20	0.7	↓	EXTERIOR
[HIGH LEG— DO NOT USE]					51	↑	52	↓			[HIGH LEG— DO NOT USE]
SPARE				20	53	↑	54	20			SPARE
SPARE				20	55	↑	56	20			SPARE
[HIGH LEG— DO NOT USE]					57	↑	58	↓			[HIGH LEG— DO NOT USE]
SPARE				20	59	↑	60	20			SPARE
SPARE				20	61	↑	62	20			SPARE
SPACE ONLY				63	63	↑	64				SPACE ONLY
				65	65	↑	66				
				67	67	↑	68				
				69	69	↑	70				
				71	71	↑	72				
				73	73	↑	74				
				75	75	↑	76				
				77	77	↑	78				
				79	79	↑	80				
				81	81	↑	82				
				83	83	↑	84				



E1 EAVE CONDUIT SECTION

1 1/2"=1'-0"



ELECTRICAL SPECIFICATION

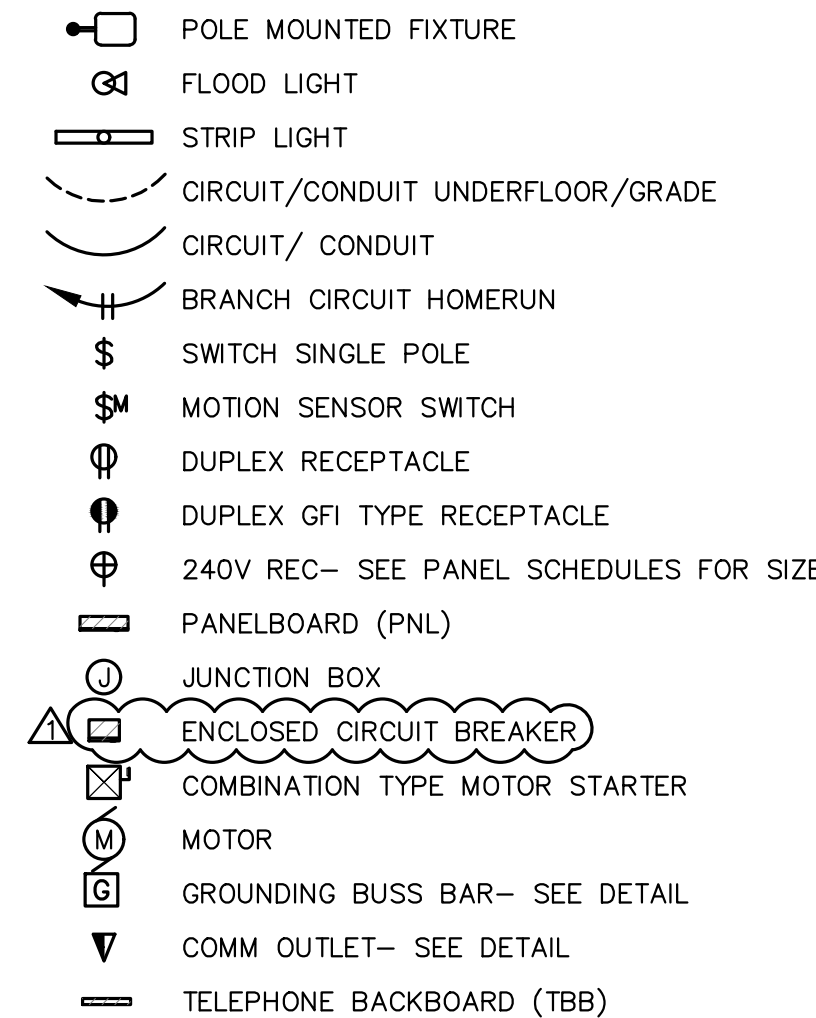
- SCOPE: PROVIDE A COMPLETE ELECTRICAL SYSTEM AS SHOWN AND MEET THE REQUIREMENTS OF APPLICABLE STATE AND LOCAL CODES. OBTAIN AND PAY FOR ALL PERMITS, INSPECTIONS AND CONNECTIONS NECESSARY FOR THIS WORK.
- SITE INSPECTION: VISIT AND THOROUGHLY INSPECT SITE BEFORE SUBMITTING BID. ASSUME RESPONSIBILITY FOR MEETING ALL EXISTING SITE CONDITIONS AFFECTING THE WORK
- GUARANTEE: PROVIDE ALL NEW MATERIALS AND EQUIPMENT, AND GUARANTEE SAME FOR ONE YEAR FROM DATE OF ACCEPTANCE.
- SUBMITTALS: SUBMIT SHOP DRAWINGS, CATALOG SHEETS, OR OTHER DESCRIPTIVE DATA WITH SUFFICIENT INFORMATION TO ESTABLISH DESIGN, QUALITY AND PERFORMANCE. MANUFACTURER CATALOG SHEETS SUBMITTED WITHOUT SPECIFIC MODEL NUMBERS INDICATED WILL BE REJECTED. DATA SHALL DESCRIBE APPARATUS, EQUIPMENT, PANELS, FIXTURES, AND OTHER ITEMS REQUIRING DESCRIPTIVE LITERATURE. SUBMITTALS SHALL INCLUDE THE FOLLOWING:
 - LIGHT FIXTURES
 - PANELBOARDS
 - SAFETY SWITCHES
 - WIRING DEVICES
 - OCCUPANCY SENSORS
 - SURGE PROTECTIVE DEVICE (SPD)
- PANELBOARDS SHALL BE MOLDED CASE CIRCUIT BREAKER TYPE WITH COMPLETELY DEAD FRONTS ENCLOSED IN CODE GAUGE, GALVANIZED NEMA 3R STAINLESS STEEL CABINETS WITH ADEQUATE WIRING GUTTERS TOP, BOTTOM AND SIDES. NEUTRAL BUS BARS SHALL BE 100% RATED, INSULATED FOR PANELBOARDS SHOWN WITH NEUTRAL, RATED NEUTRAL BUSING SHALL BE SUPPLIED FOR PANELS DESIGNATED ON DRAWINGS WITH OVERSIZED NEUTRAL CONDUCTORS. FRONT TRIM SHALL CONTAIN HINGED DOOR WITH KEYED LOCK AND CATCH. DOOR SHALL BE PROVIDED WITH PLASTIC ENCLOSED CIRCUIT DIRECTORY. UPON COMPLETION OF INSTALLATION, CIRCUIT DIRECTORY SHALL BE TYPEWRITTEN INDICATING USAGE AND LOCATION OF CIRCUITS AS INDICATED ON DRAWINGS.
- CIRCUIT BREAKERS SHALL BE MOLDED CASE, WITH QUICK-MAKE AND QUICK-BREAK ACTION FOR BOTH MANUAL AND AUTOMATIC OPERATION, WITH THERMAL MAGNETIC TRIP ELEMENTS. SAFETY SWITCHES SHALL BE QUICK-MAKE, QUICK-BREAK TYPE, IN GENERAL PURPOSE OR WEATHER PROOF ENCLOSURE. PROVIDE PROPERLY SIZED FUSES WHERE INDICATED ON THE DRAWINGS.
- WIRING DEVICES: WALL SWITCHES SHALL BE QUIET AC TYPE, 120/277V, 20A, COLOR AS DIRECTED BY ARCHITECT. RECEPTACLES SHALL BE DUPLEX, 120V, 20A, 3 WIRE GROUNDING TYPE, COLOR AS DIRECTED BY ARCHITECT. WALL PLATES FOR SWITCHES, RECEPTACLES, AND TELEPHONE/DATA OUTLETS SHALL BE PLASTIC, COLOR AS DIRECTED BY ARCHITECT. DUPLEX RECEPTACLE TO BE INSTALL WITH THE GROUND ON BOTTOM. SPECIAL RECEPTACLES SHALL BE AS SHOWN. WALL SWITCH OCCUPANCY SENSORS SHALL BE WALL MOUNTED COMBINATION ULTRASONIC AND PASSIVE INFRARED TYPE, WITH INTEGRAL ON/OFF MANUAL SWITCH. OCCUPANCY SENSOR SHALL BE LINE VOLTAGE AND INTRINSICALLY GROUNDING TYPE. MANUFACTURER SHALL BE WATTSTOPPER MODEL #DW-100, COLOR PER OWNER/ARCH, OR APPROVED EQUAL.
- LIGHT FIXTURES: LIGHT FIXTURES SHALL BE LED AS SCHEDULED AND SHALL BE FACTORY WIRED, ASSEMBLED AND COMPLETE WITH INTEGRAL MODULES.
- TIME SWITCHES SHALL BE SOLID STATE DIGITAL TYPE CAPABLE OF PERMITTING SET POINTS ON INDEPENDENT (PER POLE) DAILY SCHEDULES THROUGH A 7 DAY TIME PERIOD. PROGRAMMABLE FEATURES SHALL INCLUDE TO THE MINUTE PROGRAMMING WITH UP TO 99 "HOLIDAYS" EACH OF WHICH CAN BE INDEPENDENTLY CONTROLLED, FULLY AUTOMATIC DAYLIGHT SAVING TIME ADJUSTMENT WITH USER SELECTABLE OVERRIDE, AND AUTOMATIC LEAP YEAR ADJUSTMENT. ALL PROGRAMMABLE INFORMATION SHALL BE STORED IN NON-VOLATILE EEPROM MEMORY. TIME SWITCH SHALL HAVE 4 DAYS OF REAL TIME BACK-UP VIA LITHIUM BATTERY OR CAPACITOR. TIME SWITCH POLES SHALL BE NORMALLY OPEN TYPE WITH QUANTITIES, OR TYPE OF CONTROL AS INDICATED ON DRAWINGS, EACH RATED 120/277V AND 20 AMPERES. TIME SWITCH SHALL BE RATED FOR 120/277V CONTROL VOLTAGE INPUT/OUTPUT, AND SHALL BE INSTALLED IN A LOCKABLE NEMA-3R SURFACE ENCLOSURE. TIME SWITCH SHALL BE AS MANUFACTURED BY TORK #E-PB SERIES OR APPROVED EQUAL.
- ELECTRICAL CONDUIT: INSTALL ALL WIRING IN MINIMUM SIZE 1/2" CONDUIT. PVC SHALL BE GENERALLY BE USED. SEALTIGHT FLEXIBLE STEEL CONDUIT SHALL BE USED FOR FINAL CONNECTION TO ALL DISPOSALS/MOTORIZED EQUIPMENT. UNDERGROUND CONDUIT SHALL BE PVC.
- OUTLET BOXES: OUTLET BOXES FOR SWITCHES, RECEPTACLES AND TELEPHONE/DATA OUTLETS IN FINISHED WALLS SHALL BE STANDARD GANG TYPE (1-1/2" DEEP) WITH COVERS SIZED FOR BOX. WALL SWITCH OUTLETS SHALL BE FLUSH MOUNTED 48 INCHES ABOVE FLOOR TO TOP. RECEPTACLE AND TELEPHONE/DATA OUTLET BOXES SHALL BE FLUSH MOUNTED 15 INCHES ABOVE FLOOR TO BOTTOM, UNLESS OTHERWISE NOTED.
- WIRE AND CABLE: ALL WIRING SHALL BE COPPER WITH THHN OR XHHW INSULATION. WIRING SUBJECTED TO ELEVATED TEMPERATURES SHALL BE DERATED AS REQUIRED BY THE NEC. WIRE SIZES NO. 6 AND LARGER SHALL BE STRANDED.
- BRANCH CIRCUITS: INSTALL ALL WIRING IN CONDUIT AS SHOWN. NO SMALLER THAN NO. 12 SHALL BE USED FOR ANY BRANCH CIRCUIT. WIRING FOR MOTORS, HEATING AND OTHER MISCELLANEOUS EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH THE DRAWINGS, ALTHOUGH NOT SHOWN AND NOT REQUIRED BY CODE. ALL BRANCH CIRCUITS SHALL BE PROVIDED WITH A PROPERLY SIZED EQUIPMENT GROUNDING CONDUCTOR.
- TELEPHONE/DATA CONDUIT SYSTEM: PROVIDE EMPTY CONDUITS, OUTLETS AND BACKBOARDS AS SHOWN. INSTALL PULL WIRE IN EACH CONDUIT. PROVIDE EACH OUTLET WITH BLANK COVER PLATE.
- TESTING AND MARKING: COMPLETELY TEST AND MARK ALL WIRING AND EQUIPMENT INSTALLED AND LEAVE THE INSTALLATION IN PERFECT WORKING ORDER.
- SURGE PROTECTIVE DEVICES SHALL BE LISTED OR COMPLY WITH THE MOST RECENT EDITIONS OF: UNDERWRITERS LABORATORIES: UL1449 (*3RD EDITION) AND UL 1283, ANSI/IEEE C62.41.1-2002, C62.41.2-2002, C62.45-2002, NATIONAL ELECTRICAL CODE: ARTICLE 285. SUBJECT TO COMPLIANCE, THE FOLLOWING MANUFACTURERS ARE ACCEPTABLE: ADVANCED PROTECTION TECHNOLOGIES OR SURGE SUPPRESSION INCORPORATED. SPD SHALL BE UL LABELED WITH A 200KA SHORT CIRCUIT CURRENT RATING (SCCR), AS A TYPE 1 DEVICE, AND A 20KA 1-NOMINAL (1-N) RATING. THE MINIMUM SURGE CURRENT CAPABILITY (SINGLE PULSE RATED) PER PHASE SHALL BE A FUNCTION OF THE APPLICATION AS FOLLOWS:
 - SERVICE ENTRANCE OR TRANSFER SWITCH: 300KA

UL 1449 LISTED VOLTAGE PROTECTION RATINGS (VPRS) SHALL NOT EXCEED THE FOLLOWING:

SYSTEM VOLTAGE	L-N	L-G	L-L	N-G	MCOV
240/120	700V	700V	1200V	700V	150V

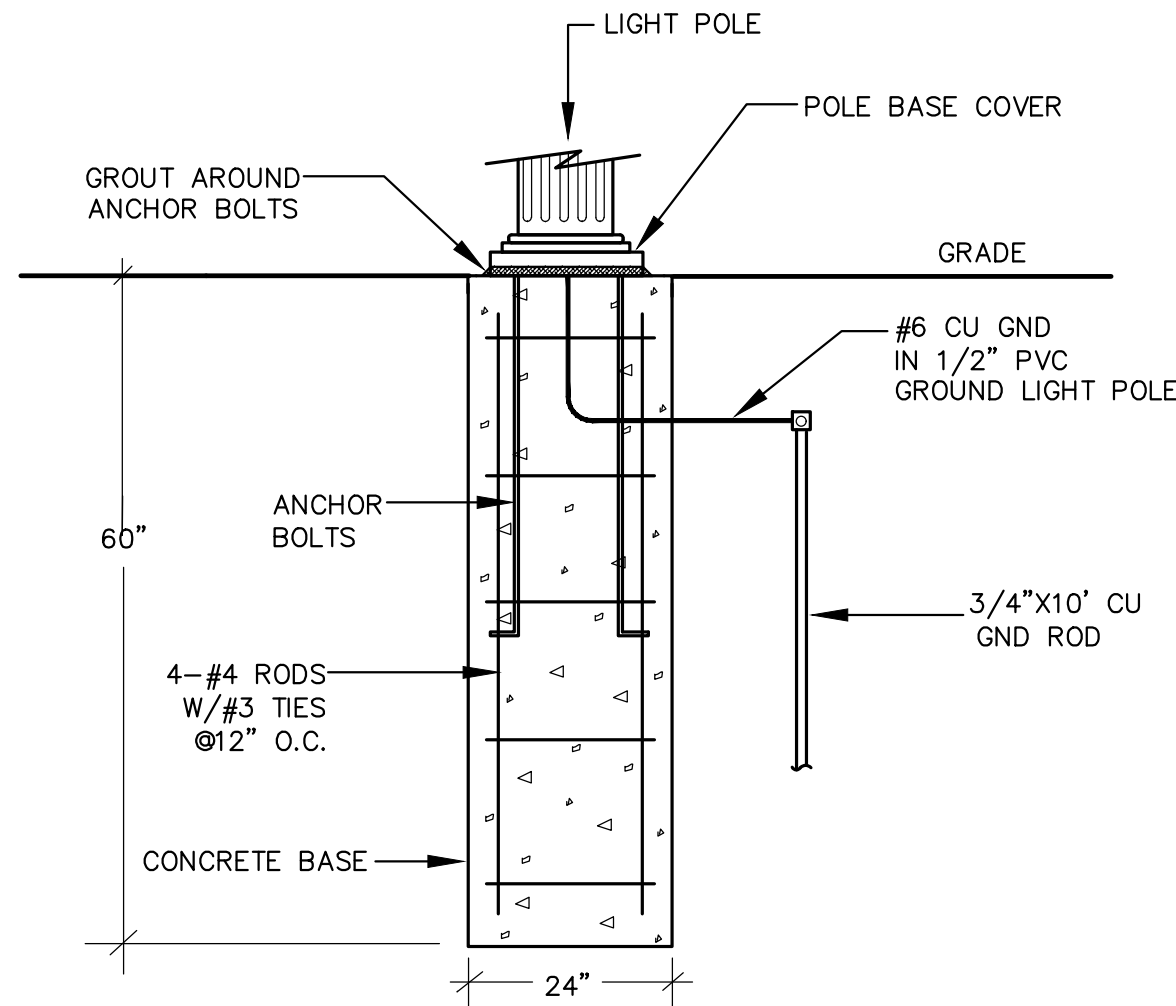
SPD SHALL INCLUDE VISUAL LED DIAGNOSTICS INCLUDING A MINIMUM OF ONE GREEN LED INDICATOR PER PHASE. PROVIDE ALL WIRING/CONDUIT CONNECTIONS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. TRANSIENT SURGE SUPPRESSORS SHALL BE PROVIDED FOR ALL FIRE ALARM WIRING ENTERING/LEAVING BUILDING PROVIDE EDCO-SLCT (SINGLAING LINE CIRCUIT PROTECTOR) -30 MODULE WITH EDCO PCBIB BASE OR APPROVED EQUAL.

ELECTRICAL LEGEND



ABBREVIATIONS

AFF	ABOVE FINISHED FLOOR/GRADE
BKR	CIRCUIT BREAKER
COMM	COMMUNICATIONS
GFI	GROUND FAULT INTERRUPT
GND	GROUND
MCM	METER-CENTER MAIN
TBB	TELEPHONE BACKBOARD
SPD	SURGE PROTECTION DEVICE



BASE DETAIL

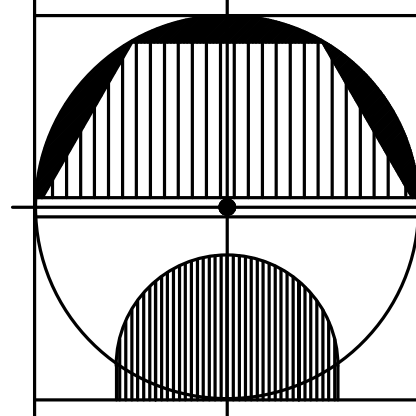
NO SCALE

LIGHTING FIXTURE SCHEDULE

MARK	DESCRIPTION	MANUFACTURER (OR APPROVED EQUAL)	VOLT	QTY	LAMPS TYPE	INPUT WATTS	MTG/INSTALLATION (UNLESS INDICATED OTHERWISE)	NOTES
A	LED LENSED STRIP LIGHT	ILP- WIZ 44WLED UNIV 50 RPCL	120	-	50K LED	44	CHAIN/SURFACE	
B	LED FLOOD LIGHT	LITHONIA-OFLR 6LC 120 P BZ	120	-	50K LED	20	CEILING/SOFFIT	
C	AREA POLE LIGHT	SLI- X-35-LED-14300-400-T-5300K-BLACK	24	-	53K LED	220	SEE POLE/BASE DETAIL	(1)

LIGHT FIXTURE SCHEDULE NOTES:

- THE FIXTURE CATALOG NUMBERS GIVEN IN THIS SCHEDULE REPRESENT A BASIS FOR FIXTURE SELECTION, CONTRACTOR TO INCLUDE ALL PARTS REQUIRED FOR A FULLY FUNCTIONING SYSTEM INCLUDING (BUT NOT LIMITED TO) TWO POLE MOUNTED LED LIGHT FIXTURES AT 25FT, ROUND ALUMINUM POLE, CONCRETE BASE, SOLAR PANEL, AND BATTERY/CONTROLS CABINET.



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IMPROVEMENTS
ESTATE LA REINE
ST. CROIX, U.S.V.I.

PROJECT:

DRAWING INFORMATION:

DATE: 05-02-17
DRAWN BY: BMV

SHEET NUMBER:

E3

7/20/17
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