



Department of Building & Grounds
Architectural Services Division

City of Baton Rouge
Parish of East Baton Rouge

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ADDENDUM #1

November 14, 2024

TO ALL BIDDERS

**PROJECT: JUVENILE DETENTION CENTER UPGRADES
CITY PARISH PROJECT NO. 21-ASC-CP-1565**

The following revisions shall be incorporated in and take precedence over any conflicting part of the original contract documents.

1. Clarification: Bidders must include in their bids all sales and/or use taxes on materials, supplies and equipment to be furnished for use on the project.
2. See attached Addendum from Grace Hebert Curtis Architects, LLC (50 pages.)

The following revisions shall be incorporated in and take precedence over any conflicting part of the original contract documents.

TOTAL PAGES12 (DRAWINGS)
TOTAL PAGES38 (ADDENDUM)
TOTAL PAGES51 (INCLUDING THIS PAGE)

FAILURE TO INDICATE RECEIPT OF THIS ADDENDUM ON BID FORM MAY BE CAUSE FOR THE BID TO BE REJECTED

Rob Gray, AIA, LEED AP BD+C, Interim Chief Architect
Architectural Services Division
1100 Laurel Street, Rm. 227
Baton Rouge, LA 70802

November 13, 2024

GRACE HEBERT CURTIS ARCHITECTS, LLC | 501 GOVERNMENT STREET | SUITE 200 | BATON ROUGE, LOUISIANA 70802

ADDENDUM 001

TO ALL CONTRACTORS:

This Addendum is hereby made a part of the Contract Documents dated October 24, 2024.

EAST BATON ROUGE JUVENILE DETENTION CENTER RENOVATIONS
8333 Veterans Memorial Blvd.
Baton Rouge, Louisiana 70807
GHC Project No. 5024102

The following items shall be considered part of the contract documents and shall be included in the same when Construction Contract is executed. Changes made by Addenda shall take precedence over Original Documents. Any changes, which may affect construction or proper installation of materials, equipment or fixtures, not specifically mentioned in this addendum, shall be brought to the attention of the Designer before submitting bid. Otherwise, such conditions, if found later to exist, must be worked out in an acceptable manner without additional cost to the Owner. Prime Contractors are hereby advised to call attention of all subcontractors to changes, which may affect their work.

GENERAL

1. Pre-Bid meeting Minutes – Attached this addendum.
2. Certified Payroll Transcript will be required from all sub-contractors and from general contractor. Weekly totals required; form must be submitted with monthly pay application. Sample of form included in this Addendum.
3. Prevailing Wages are not required.
4. Phasing of the job is required refer to Phasing Plan attached this addenda.
5. Relocation of 12 fire alarm devices shall be included in the contractor's cost, these shall be relocated a few inches in the direction away from the new door opening.

ARCHITECTURAL

DRAWINGS:

1. **Sheet A-G000: COVER SHEET**
 - a. Fencing and paving added to job. *(i.e. Replace sheet with attachment, included in this addendum.)*
2. **Sheet A-100: OVERALL FLOOR PLAN – DEMO & NEW**
 - a. Added catch basin detail, security fencing, gates and paving. *(i.e. Replace sheet with attachment, included in this addendum.)*
3. **Sheet A-101: ENLARGED SALLYPORT & SITE DETAILS**
 - a. Plan and details of added fencing and paving. *(i.e. New sheet, included in this addendum.)*
4. **Sheet A-102: PHASING PLAN**
 - a. Job Phasing and related notes. *(i.e. New sheet, included in this addendum.)*
5. **Sheet A-110: ENLARGED FLOOR PLAN**
 - a. Security Electronics and door replacement notes added. *(i.e. Replace sheet with attachment, included in this addendum.)*

6. **Sheet A111: ENLARGED FLOOR PLAN, RCP, ROOF, MILLWORK**
 - a. Added notes on interior finishes. *(i.e. Replace sheet with attachment, included in this addendum.)*
7. **Sheet A301: BUILDING ELEVATIONS AND SECTIONS**
 - a. Added control joint in brick / block wall. *(i.e. Replace sheet with attachment, included in this addendum.)*
8. **Sheet A601: DOOR SCHEDULE & NOTES**
 - a. Revised commercial door hardware schedule. Door head & Jamb added. *(i.e. Replace sheet with attachment, included in this addendum.)*
9. **Sheet A602: DOOR DETAILS:**
 - a. Door head and jamb added.

SPECIFICATIONS:

1. **01 1000 Summary**
 - a. Add Specification Section 01 1000 Summary
2. **05 5000 Metal Fabrications**
 - a. Replace Specification Section 05 5000 Metal Fabrications with the attached Section 05 5000 Metal Fabrications to add bollards.
3. **07 9513 Expansion Joint Cover Assemblies**
 - a. Add Specification Section 07 9513 Expansion Joint Cover Assemblies
4. **10 2800 Toilet, Bath, and Laundry Accessories**
 - a. Add Specification Section 10 2800 Toilet, Bath, and Laundry Accessories
5. **12 2400 Roller Window Shades**
 - a. Shades are only required in rooms E303, E305, E307.
6. **32 1723.13 Pavement Markings**
 - a. Add Specification Section 32 1723.13 Pavement Markings
7. **32 3113 Chain Link Fences and Gates**
 - a. Add Specification Section 32 3113 Chain Link Fences and Gates

PRIOR APPROVALS:

The following manufacturers are considered equal to that specified in name brand only. However, neither the full effects of using them nor the compatibility with the entire project have been evaluated. Any required changes or modifications to the project resulting from substitution(s) will be the responsibility of the contractor. Compliance with all specifications shall still be a requirement.

<u>Specifications Section</u>	<u>Manufacturer</u>	<u>Product</u>
28 0545 Camera	Hanwha Techwin Co.	QNV-7012R 4 MP IR Vandal Dome
28 0545	Hanwha Techwin Co.	WRR-P-E201x Wave Recording Server
11 1900	Cornerstone	Detention Equipment Contractor
11 1900	Claborn Manufacturing Co.	2.04 Detention Hollow Metal
11 1900	Airteq	Security Hardware
28 0500	Cornerstone	Security Electronics

ELECTRICAL

PART 1 - Substitute Equipment:

SCHEDULE 1 - No exceptions are taken to substitute equipment which have the following respective manufacturers' names, and which are modified and augmented as required to meet all applicable project requirements:

PRODUCT DATA SHEET 1 -	Lighting Fixtures:	
1.1	"A1": DAY-BRITE	Fixture Type
1.2	"A2": DAY-BRITE	Fixture Type
1.3	"B": LIGHTOLIER	Fixture Type
1.4	"C": DAY-BRITE	Fixture Type
1.5	"D1": CONTECH	Fixture Type
1.6	"D2": CONTECH	Fixture Type
1.7	"E": STONCO	Fixture Type
1.8	"X": CHLORIDE	Fixture Type

PRODUCT DATA SHEET 2 - Lighting Controls: WATTSTOPPER

STRUCTURAL

DRAWINGS:

1. Sheet S101 – FOUNDATION AND SLAB PLAN

a. Refer to attached sheet for revisions. (*i.e. Replace sheet with attachment, included in this addendum.*)

2. Sheet S201 – FOUNDATION DETAILS

a. Refer to attached sheet for revisions. (*i.e. Replace sheet with attachment, included in this addendum.*)

3. Sheet S401 – FRAMING DETAILS

a. Refer to attached sheet for revisions. (*i.e. Replace sheet with attachment, included in this addendum.*)

PLUMBING

GENERAL:

There is an existing water hose outlet in the existing wall where the building addition goes, remove and cap.

END OF ADDENDUM NUMBER ONE

SECTION 01 1000 - SUMMARY

PART 1 - GENERAL

1.1 SUMMARY

- A. Section Includes:
 - 1. Project information.
 - 2. Work covered by Contract Documents.
 - 3. Construction Areas.
 - 4. Access to site.
 - 5. Coordination with occupants.
 - 6. Work restrictions.
 - 7. Specification and drawing conventions.
- B. Related Requirements:
 - 1. Section 015000 "Temporary Facilities and Controls" for limitations and procedures governing temporary use of Owner's facilities.

1.2 PROJECT INFORMATION

- A. Project Identification: East Baton Rouge Juvenile Detention Center Renovations
- B. Project Location: 8333 Veterans Memorial Boulevard. Baton Rouge, LA 70807
- C. Owner: City of Baton Rouge, Parish of East Baton Rouge; City Hall 222 St. Louis St., Baton Rouge, LA 70802
- D. Architect: Grace Hebert Curtis Architects, LLC; 501 Government Street, Suite 200, Baton Rouge, Louisiana 70802

1.3 WORK COVERED BY CONTRACT DOCUMENTS

- A. The Work of Project is defined by the Contract Documents and consists of the following:
 - 1. Project is an approximately 1,000 sf addition to the Existing East Baton Rouge Juvenile Detention Center located in Baton Rouge, LA. The addition will house new offices, conference room, waiting area, and support areas. Additionally, the project includes security upgrades to the existing juvenile detention area of the building, including replacement of doors and storefronts with detention doors and hardware. The project also includes the addition of a new sallyport area with new no climb fencing and gates.
- B. Type of Contract:
 - 1. Project will be constructed under a single prime contract.

1.4 CONSTRUCTION AREAS

- A. The Work shall be conducted in areas as indicated within the drawings.
 - 1. Contractor to submit a site plan indicating lay down areas, location of dumpsters, temporary toilets, etc. for Architect and Owner's approval prior to commencing Work.
 - 2. Before commencing Work within each area, submit an updated copy of Contractor's construction schedule showing the sequence, commencement and completion dates for all areas of the Work.

1.5 ACCESS TO SITE

- A. General: Contractor shall have use of Project site for construction operations during construction period as indicated.
- B. Use of Site: Limit use of Project site to work in areas indicated in Construction Area drawings. Do not disturb portions of Project site beyond areas in which the Work is indicated.

1. Limits: Confine construction operations to the limits indicated.
2. Driveways, Walkways and Entrances: Keep driveways and entrances serving premises clear and available to Owner, Owner's employees, and emergency vehicles at all times. Do not use these areas for parking or storage of materials.
 - a. Schedule deliveries to minimize impacts to adjacent roadways by construction operations. Do not obstruct roadways, sidewalks or other public ways without permit.
 - b. Schedule deliveries to minimize space and time requirements for storage of materials and equipment on-site.
- C. Secured Areas: When entering secured areas of the site (juvenile detention area), the Contractor shall have an Owner's representative or security personnel present at all times.
- D. Phasing: Work within the Juvenile Detention Area will be phased to allow for occupants to remain on site in wings where work is not occurring. The Contractor shall coordinate with the Owner regarding phasing and scheduling for the transfer of occupants between scope in each wing.

1.6 OWNER SUPPLIED EQUIPMENT

- A. The Owner will supply and install the following equipment. Contractor to coordinate adjacent work for clear dimensions and shall request cut sheets or existing dimensions for such coordination prior to fabrication and installation of surrounding work:
 1. Furniture
 2. Printer/Copier
 3. Television Screens and Mounts at Locations noted in Drawings
- B. The Owner will supply and the Contractor shall install the following equipment. Contractor to coordinate adjacent work for clear dimensions and shall request cut sheets or existing dimensions for such coordination prior to fabrication and installation of surrounding work:
 1. Paper Towel Dispensers, Soap Dispensers

1.7 COORDINATION WITH OCCUPANTS

- A. Owner Limited Occupancy of Completed Areas of Construction: Owner reserves the right to occupy and to place and install equipment in completed portions of the Work, prior to Substantial Completion of the Work, provided such occupancy does not interfere with completion of the Work. Such placement of equipment and limited occupancy shall not constitute acceptance of the total Work.
 1. Architect will prepare a Certificate of Substantial Completion for each specific portion of the Work to be occupied prior to Owner acceptance of the completed Work.
 2. Obtain a Certificate of Occupancy from authorities having jurisdiction before limited Owner occupancy.
 3. Before limited Owner occupancy, mechanical and electrical systems shall be fully operational, and required tests and inspections shall be successfully completed. On occupancy, Owner will operate and maintain mechanical and electrical systems serving occupied portions of Work.
 4. On occupancy, Owner will assume responsibility for maintenance and custodial service for occupied portions of Work.
- B. Cooperate with Owner to minimize conflict and facilitate Owner's operations.
- C. Schedule the Work to accommodate Owner occupancy.

1.8 WORK RESTRICTIONS

- A. Work Restrictions, General: Comply with restrictions on construction operations.
 1. Comply with limitations on use of public streets and with other requirements of authorities having jurisdiction.

- B. On-Site Work Hours: Work hours shall occur within the requirements of authorities having jurisdiction and shall comply with all noise ordinances.
- C. Employee Behavior: No loud music, foul language, or inappropriate behavior will be tolerated at the Project site. At no time shall any employee of the Contractor, Sub-Contractors, Vendors, etc. communicate in any way, either verbally or non-verbally with occupants housed within the Juvenile Detention area of the site.
- D. Employee Identification: All employees of the Contractor, Sub-Contractors, Vendors, etc. shall be properly clothed with a garment identifying the company that they represent.
- E. Controlled Substances: Use of tobacco products and other controlled substances on Project site is not permitted.
- F. Project Security: When entering a secure perimeter area, all employees of the Contractor, Sub-Contractors, Vendors, etc. shall be escorted by an Owner's representative or Security Personnel. Contractor shall coordinate times for entering the secure perimeter area in advance with the Owner.
- G. Employee Screening: Comply with Owner's requirements for drug screening of Contractor personnel working on Project site.
 - 1. Maintain list of approved screened personnel with Owner's representative.

1.9 EXAMINATION OF SITE

- A. Examination of Documents and Site: Contractor shall carefully examine Documents and Construction Site to obtain first-hand knowledge of scope and the conditions of the Work. The Contractor, by signing a Contract to perform the Work, represents and warrants that he has examined Drawings, Specifications and site of the Work and from his own investigation has satisfied himself as to scope, accessibility, nature and location of Work, character of equipment and other facilities needed for performance of work, character and extent of work to be performed, local availability, practices, and jurisdiction and other circumstances that affect performance of work. Contractor shall make sufficient investigation to ascertain that existing conditions are as represented on the Drawings and that the final results can be achieved as shown on the Drawings. No additional compensation will be allowed by the Owner for failure of Contractor to fully inform himself as to conditions affecting work. Dimensions and conditions of existing buildings shown on the Drawings are taken from original construction documents and may not represent actual conditions, and should be assumed to be approximate. The Contractor shall verify ALL existing dimensions and conditions, which would affect new work or renovations before proceeding with actual construction. Contractor will not be entitled to additional compensation if existing dimensions or conditions vary from that shown on the Contract Documents
- B. Contractor's Representation: By executing the Contract, the Contractor represents that he has:
 - 1. Visited the site.
 - 2. Made due allowances for difficulties and contingencies to be encountered, including, but not limited to environmental restrictions, if any.
 - 3. Compared Contract Documents with work in place.
 - 4. Informed himself of existing conditions; and,
 - 5. Notified the Architect of ambiguities, inconsistencies, and errors discovered in the Contract Documents, or between the Contract Documents and existing conditions.
 - 6. Responsibility: Failure to visit the site and perform attendant responsibilities listed above shall not relieve the Contractor or any Subcontractor from their obligations, and no extra payment will be authorized for work related to conditions which can be determined by examination of the site and the Contract Documents

1.10 PROTECTION OF PROPERTY

- A. Protection: The Contractor shall take all reasonable precautions to protect existing property, systems and equipment. At completion of Work, all areas of the site damaged or otherwise adversely affected by the work under this Contract shall be repaired, replaced, or otherwise returned to their original conditions without cost to the Owner

1.11 SPECIFICATION AND DRAWING CONVENTIONS

- A. Specification Content: The Specifications use certain conventions for the style of language and the intended meaning of certain terms, words, and phrases when used in particular situations. These conventions are as follows:
 - 1. Imperative mood and streamlined language are generally used in the Specifications. The words "shall," "shall be," or "shall comply with," depending on the context, are implied where a colon (:) is used within a sentence or phrase.
 - 2. Specification requirements are to be performed by Contractor unless specifically stated otherwise.
- B. Division 01 General Requirements: Requirements of Sections in Division 01 apply to the Work of all Sections in the Specifications.
- C. Drawing Coordination: Requirements for materials and products identified on Drawings are described in detail in the Specifications. One or more of the following are used on Drawings to identify materials and products:
 - 1. Terminology: Materials and products are identified by the typical generic terms used in the individual Specifications Sections.
 - 2. Abbreviations: Materials and products are identified by abbreviations scheduled on Drawings.
 - 3. Keynoting: Materials and products are identified by reference keynotes referencing Specification Section numbers found in this Project Manual.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION (Not Used)

END OF SECTION 01 1000

**SECTION 05 5000
METAL FABRICATIONS**

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Shop fabricated steel items including:
 - 1. Steel framing and supports for applications where framing and supports are not specified in other Sections.
 - 2. Miscellaneous steel trim.
 - 3. Metal bollards.
 - 4. Metal downspout boots.
- B. Products includes in this Section:
 - 1. Loose steel lintels.
 - 2. Anchor bolts, steel pipe sleeves, slotted-channel inserts, and wedge-type inserts indicated to be cast into concrete or built into unit masonry.
 - 3. Steel weld plates and angles for casting into concrete for applications where they are not specified in other Sections.

1.02 RELATED REQUIREMENTS

- A. Section 03 3000 - Cast-in-Place Concrete: Placement of metal fabrications in concrete.
- B. Section 04 2000 - Unit Masonry: Placement of metal fabrications in masonry.
- C. Section 05 2100 - Steel Joist Framing: Structural joist bearing plates, including anchorage.
- D. Section 05 3100 - Steel Decking: Bearing plates for metal deck bearing, including anchorage.
- E. Section 09 9000 - Painting and Coating: Paint finish.

1.03 REFERENCE STANDARDS

- A. ASTM A36/A36M - Standard Specification for Carbon Structural Steel; 2019.
- B. ASTM A48/A48M - Standard Specification for Gray Iron Castings; 2022.
- C. ASTM A53/A53M - Standard Specification for Pipe, Steel, Black and Hot-Dipped, Zinc-Coated, Welded and Seamless; 2022.
- D. ASTM A283/A283M - Standard Specification for Low and Intermediate Tensile Strength Carbon Steel Plates; 2018.
- E. ASTM A501/A501M - Standard Specification for Hot-Formed Welded and Seamless Carbon Steel Structural Tubing; 2014.
- F. AWS A2.4 - Standard Symbols for Welding, Brazing, and Nondestructive Examination; 2020.
- G. AWS D1.1/D1.1M - Structural Welding Code - Steel; 2020, with Errata (2023).
- H. IAS AC172 - Accreditation Criteria for Fabricator Inspection Programs for Structural Steel AC172; 2019.
- I. SSPC-Paint 15 - Steel Joist Shop Primer/Metal Building Primer; 1999 (Ed. 2004).
- J. SSPC-SP 2 - Hand Tool Cleaning; 1982 (Ed. 2004).

1.04 SUBMITTALS

- A. See Section 01 3000 - Submittal Procedures.
- B. Shop Drawings: Indicate profiles, sizes, connection attachments, reinforcing, anchorage, size and type of fasteners, and accessories. Include erection drawings, elevations, and details where applicable.
 - 1. Indicate welded connections using standard AWS A2.4 welding symbols. Indicate net weld lengths.

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- C. Welders' Certificates: Submit certification for welders employed on the project, verifying AWS qualification within the previous 12 months.

1.05 QUALITY ASSURANCE

- A. Fabricator Qualifications: A qualified steel fabricator that is accredited by IAS AC172.

PART 2 PRODUCTS

2.01 MATERIALS - STEEL

- A. Steel Sections: ASTM A36/A36M.
- B. Steel Tubing: ASTM A501/A501M hot-formed structural tubing.
- C. Plates: ASTM A283/A283M.
- D. Pipe: ASTM A53/A53M, Grade B Schedule 40, black finish.
- E. Shop and Touch-Up Primer: SSPC-Paint 15, complying with VOC limitations of authorities having jurisdiction.

2.02 FABRICATION

- A. Fit and shop assemble items in largest practical sections, for delivery to site.
- B. Fabricate items with joints tightly fitted and secured.
- C. Continuously seal joined members by continuous welds.
- D. Grind exposed joints flush and smooth with adjacent finish surface. Make exposed joints butt tight, flush, and hairline. Ease exposed edges to small uniform radius.
- E. Supply components required for anchorage of fabrications. Fabricate anchors and related components of same material and finish as fabrication, except where specifically noted otherwise.

2.03 FABRICATED ITEMS

- A. Steel tubing as required within walls for support of new detention frames and doors, as indicated in Drawings.
- B. Bollards: Steel pipe, concrete filled, crowned cap, as detailed; prime paint finish.
 - 1. Diameter: 8"
 - 2. Height of bollard to be 3'-0" above grade and extend 2'-6" below grade.
 - 3. Contractor to engage Engineer licensed in the State of Louisiana to design bollard foundation. Concrete to be 3,000 psi minimum. Diameter of foundation shall be a minimum of 6 inches larger on either side of the bollard. Depth of the foundation shall be a minimum of 6 inches deeper than depth of bollard.
 - 4. Mounting to be in-ground. Bolted bollards using anchor plates shall not be acceptable.
 - 5. Painted: Safety Yellow
- C. Lintels: As detailed; prime paint finish.

2.04 DOWNSPOUT BOOTS

- A. Downspout Boots: Smooth interior without boxed corners or choke points; include integral lug slots, integral cleanout, cleanout cover, and tamper proof fasteners.
 - 1. Configuration: As indicated in drawings.
 - 2. Material: Cast iron; ASTM A48/A48M; casting thickness 3/8 inch (9.5 mm), minimum.
 - 3. Color: To be selected by Architect from manufacturer's full range.
 - 4. Accessories: Manufacturer's standard stainless steel fasteners, stainless steel building wall anchors, integral neoprene gaskets, and rubber coupling.

2.05 FINISHES - STEEL

- A. Prime paint steel items.
- B. Prepare surfaces to be primed in accordance with SSPC-SP2.

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- C. Clean surfaces of rust, scale, grease, and foreign matter prior to finishing.
- D. Prime Painting: One coat.

2.06 FABRICATION, GENERAL

- A. Shop Assembly: Preassemble items in the shop to greatest extent possible. Disassemble units only as necessary for shipping and handling limitations. Use connections that maintain structural value of joined pieces. Clearly mark units for reassembly and coordinated installation.
- B. Cut, drill, and punch metals cleanly and accurately. Remove burrs and ease edges to a radius of approximately 1/32 inch unless otherwise indicated. Remove sharp or rough areas on exposed surfaces.
- C. Form bent-metal corners to smallest radius possible without causing grain separation or otherwise impairing work.
- D. Form exposed work with accurate angles and surfaces and straight edges.
- E. Weld corners and seams continuously to comply with the following:
 - 1. Use materials and methods that minimize distortion and develop strength and corrosion resistance of base metals.
 - 2. Obtain fusion without undercut or overlap.
 - 3. Remove welding flux immediately.
 - 4. At exposed connections, finish exposed welds and surfaces smooth and blended so no roughness shows after finishing.
- F. Form exposed connections with hairline joints, flush and smooth, using concealed fasteners or welds where possible. Where exposed fasteners are required, use Phillips, flat-head (countersunk) fasteners unless otherwise indicated. Locate joints where least conspicuous.
- G. Fabricate seams and other connections that will be exposed to weather in a manner to exclude water. Provide weep holes where water may accumulate.
- H. Cut, reinforce, drill, and tap metal fabrications as indicated to receive finish hardware, screws, and similar items.
- I. Provide for anchorage of type indicated; coordinate with supporting structure. Space anchoring devices to secure metal fabrications rigidly in place and to support indicated loads.
 - 1. Where units are indicated to be cast into concrete or built into masonry, equip with integrally welded steel strap anchors, 1/8 by 1-1/2 inches, with a minimum embedment and 2-inch hook, not less than 8 inches from ends and corners of units and 24 inches o.c., unless otherwise indicated.

2.07 FABRICATION TOLERANCES

- A. Squareness: 1/8 inch (3 mm) maximum difference in diagonal measurements.
- B. Maximum Offset Between Faces: 1/16 inch (1.5 mm).
- C. Maximum Misalignment of Adjacent Members: 1/16 inch (1.5 mm).
- D. Maximum Bow: 1/8 inch (3 mm) in 48 inches (1.2 m).
- E. Maximum Deviation From Plane: 1/16 inch (1.5 mm) in 48 inches (1.2 m).

2.08 MISCELLANEOUS FRAMING AND SUPPORTS

- A. General: Provide steel framing and supports not specified in other Sections as needed to complete the work.
- B. Fabricate units from steel shapes, plates, and bars of welded construction unless otherwise indicated. Fabricate sizes, shapes, and profiles indicated and as necessary to receive adjacent construction.
 - 1. Fabricate units from slotted channel framing where indicated.
 - 2. Furnish inserts for units installed after concrete is placed.

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- C. Galvanize miscellaneous framing and supports where indicated.
- D. Prime miscellaneous framing and supports with primer specified in Section 09 9000, or Section 09 9600 where indicated.

2.09 METAL DOWNSPOUT BOOTS

- A. Provide downspout boots made from cast iron in heights indicated with inlets of size and shape to suit downspouts. Provide units with flanges and holes for countersunk anchor bolts.

2.10 LOOSE STEEL LINTELS

- A. Fabricate loose steel lintels from steel angles and shapes of size indicated for openings and recesses in masonry walls and partitions at locations indicated. Fabricate in single lengths for each opening unless otherwise indicated. Weld adjoining members together to form a single unit where indicated.
- B. Size loose lintels to provide bearing length at each side of openings equal to 1/12 of clear span but not less than 8 inches, unless otherwise indicated.
- C. Prime loose steel lintels located in exterior walls with primer specified in Section 09 9000, as indicated.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Verify that field conditions are acceptable and are ready to receive work.

3.02 PREPARATION

- A. Supply setting templates to the appropriate entities for steel items required to be cast into concrete or embedded in masonry.

3.03 INSTALLATION, GENERAL

- A. Cutting, Fitting, and Placement: Perform cutting, drilling, and fitting required for installing metal fabrications. Set metal fabrications accurately in location, alignment, and elevation, with edges and surfaces level, plumb, true, and free of rack; and measured from established lines and levels.
- B. Fit exposed connections accurately together to form hairline joints. Weld connections that are not to be left as exposed joints but cannot be shop welded because of shipping size limitations. Do not weld, cut, or abrade surfaces of exterior units that have been hot-dip galvanized after fabrication and are for bolted or screwed field connections.
- C. Field Welding: Comply with the following requirements:
 1. Use materials and methods that minimize distortion and develop strength and corrosion resistance of base metals.
 2. Obtain fusion without undercut or overlap.
 3. Remove welding flux immediately.
 4. At exposed connections, finish exposed welds and surfaces smooth and blended so no roughness shows after finishing and contour of welded surface matches that of adjacent surface.
- D. Fastening to In-Place Construction: Provide anchorage devices and fasteners where metal fabrications are required to be fastened to in-place construction. Provide threaded fasteners for use with concrete and masonry inserts, toggle bolts, through bolts, lag screws, wood screws, and other connectors.
- E. Provide temporary bracing or anchors in formwork for items that are to be built into concrete, masonry, or similar construction.
- F. Corrosion Protection: Coat concealed surfaces of aluminum that will come into contact with grout, concrete, masonry, wood, or dissimilar metals with the following:
 1. Cast Aluminum: Heavy coat of bituminous paint.
 2. Extruded Aluminum: Two coats of clear lacquer.

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3.04 INSTALLATION

- A. Install items plumb and level, accurately fitted, free from distortion or defects.
- B. Provide for erection loads, and for sufficient temporary bracing to maintain true alignment until completion of erection and installation of permanent attachments.
- C. Perform field welding in accordance with AWS D1.1/D1.1M.
- D. Obtain approval prior to site cutting or making adjustments not scheduled.
- E. After erection, prime welds, abrasions and surfaces not shop primed or galvanized , except surfaces to be in contact with concrete.
- F. Install bollard foundation and pipe. Fill pipe with concrete and crown cap. Prime paint steel pipe of bollard. Do not install any damaged, cracked, chipped, deformed or marred bollards. Replace bollards that cannot be field repaired.

3.05 TOLERANCES

- A. Maximum Variation From Plumb: 1/4 inch (6 mm) per story, non-cumulative.
- B. Maximum Offset From True Alignment: 1/4 inch (6 mm).
- C. Maximum Out-of-Position: 1/4 inch (6 mm).

END OF SECTION

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**SECTION 07 9513
EXPANSION JOINT COVER ASSEMBLIES**

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Expansion control assemblies and supplementary items necessary for installation.

1.02 DEFINITIONS

- A. Maximum Joint Width: Widest linear gap a joint system tolerates and in which it performs its designed function without damaging its functional capabilities.
- B. Minimum Joint Width: Narrowest linear gap a joint system tolerates and in which it performs its designed function without damaging its functional capabilities.
- C. Movement Capability: Value obtained from the difference between widest and narrowest widths of a joint opening typically expressed in numerical values (mm or in) or a percentage (plus or minus) of nominal value of joint width.
- D. Nominal Joint Width: The width of the linear opening specified in practice and in which the joint system is installed.

1.03 REFERENCE STANDARDS

- A. ASTM B221 - Standard Specification for Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes; 2020.
- B. ASTM B221M - Standard Specification for Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes (Metric); 2013.
- C. ASTM B308/B308M - Standard Specification for Aluminum-Alloy 6061-T6 Standard Structural Profiles; 2020.

1.04 SUBMITTALS

- A. See Section 01 3000 - Submittal Procedures.
- B. Product Data: Manufacturer's technical literature for each product and system indicated.
 - 1. Include manufacturer's specifications for materials, finishes, construction details, installation instructions, and recommendations for maintenance.
- C. Shop Drawings: Show details of fabrication and installation, including plans, elevations, sections, details of components and attachments to other work. Distinguish between shop and field-assembled work.
 - 1. Placement Drawings: Include line diagrams showing plans, elevations, sections, details, splices, blockout requirements, entire route of each joint system, and attachments to other work. Where joint systems change planes, provide isometric or clearly detailed drawings depicting how components interconnect to achieve continuity and termination of joint covers and fillers.
 - 2. Architectural Joint System Schedule: Prepared by or under the supervision of the supplier. Include the following information in tabular form:
 - a. Manufacturer and model number for each joint system.
 - b. Joint system location cross-referenced to Drawings.
 - c. Nominal joint width.
 - d. Movement capability.
 - e. Classification as thermal or seismic.
 - f. Materials, colors, and finishes.
 - g. Product options.
 - h. Fire-resistance ratings.
- D. Samples for Verification: For each type of architectural joint system indicated.
 - 1. Full width by 6 inch long, for each system required.

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- E. Product Test Reports: Written reports based on evaluation of comprehensive tests performed by a qualified testing agency indicating that each person complies with requirements.
- F. Field Quality Control Reports: Written report of testing and inspection required by "Field Quality Control".
- G. Manufacturer's Project Acceptance Document: Certification by the manufacturer that its product(s) are approved, acceptable, suitable for use in specific locations, for specific details, and for applications indicated, specified, or required, and that a warranty will be issued.
- H. Qualification Data:
 - 1. For firms and persons specified in "Quality Assurance" Article to demonstrate their capabilities and experience.
- I. Warranty: Sample of warranty.
 - 1. Provide manufacturer's written warranty covering materials and installation (labor) stating obligations, remedies, limitations and exclusions.

1.05 QUALITY ASSURANCE

- A. Installer Qualifications:
 - 1. Experience: Installer's personnel with not less than 5 years of experience in the successful performance of Work similar to scope of this Project.
 - 2. Supervision: Installer shall maintain a competent supervisor at Project while the Work is in progress, and who has not less than 5 years of experience installing products and systems similar to scope of this Project.
 - 3. Manufacturer Acceptance: Installer shall be certified, approved, licensed, or acceptable to manufacturer to install products.

1.06 PRE-INSTALLATION CONFERENCE

- A. Pre-Installation Conference: Before work begins, conduct conference at Project site.
 - 1. Participants:
 - a. Architect
 - b. Contractor, including superintendent.
 - c. Installer, including project manager and supervisor.
 - d. If requested, Manufacturer's qualified technical representative.
 - e. Installers of other construction interfaced with Work.
 - 2. Minimum Agenda: Installer shall demonstrate understanding of the Work required by describing detailed procedures for preparing, installing, and cleaning the Work. Demonstration shall include, but not be limited to, following topics:
 - a. Tour representative areas of Work, inspect and discuss condition of substrate, and other preparatory work performed by other trades.
 - b. Review Contract Document requirements.
 - c. Review approved submittals.
 - d. Review inspection and testing requirements.
 - e. Review environmental conditions and procedures for coping with unfavorable conditions.
 - f. Resolve deviations or differences between Contract Documents and the manufacturer's specifications.
 - 3. Record discussions, including decisions and agreements, and prepare report.

1.07 DELIVERY, STORAGE, AND HANDLING

- A. Deliver materials in manufacturer's original undamaged packages or acceptable bulk containers.
- B. Store packaged materials to protect them from elements or physical damage.

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1.08 PROJECT CONDITIONS

- A. Field Measurements: Where products and systems are indicated to fit walls and other construction, verify dimensions by field measurements before fabrication.

1.09 COORDINATION

- A. Coordinate installation of products and systems are indicated to fit walls and other construction, verify dimensions by field measurements before fabrication.
- B. Coordinate installation of exterior expansion control assemblies to ensure that transitions are watertight.

1.10 WARRANTY

- A. Manufacturer's Warranty for Expansion Joint Systems: Furnish manufacturer's written material warranty signed by an authorized representative using manufacturer's standard form agreeing to furnish materials and labor required to repair or replace work which exhibits material defects caused by manufacture, design of product, or exhibits workmanship defects.
 - 1. Warranty Period: Manufacturer shall warrant the products to be free from material and labor defects for a period of 5 years from the date of Substantial Completion.
 - 2. Warranty Period: Installer shall warrant the installation to be free from workmanship defects for a period of 2 years from date of Substantial Completion.

PART 2 PRODUCTS

2.01 MANUFACTURERS AND PRODUCTS

- A. Acceptable Manufacturers and Products: Subject to compliance with requirements of Contract Documents as judged by the Architect, provide product by one of manufacturers listed. If not listed, submit as substitution according to the Conditions of the Contract and Division 01 Section "Substitution Procedures".
- B. Basis of Design (Product Standard): Contract Documents are based on products and systems specified to establish a standard of quality. Other available manufacturers offering products having equivalent characteristics may be considered, provided deviations are minor and comply with requirements of Contract Documents as judged by the Architect.
 - 1. Expansion Joint Cover Assemblies:
 - a. Construction Specialties, Inc: www.c-sgroup.com.
 - b. Inpro: www.inprocorp.com.
 - c. MM Systems Corp: www.mmsystemscorp.com.
 - d. Nystrom, Inc: www.nystrom.com/sle.
 - e. Or approved equal.

2.02 MATERIALS, GENERAL

- A. Single Source Responsibility: Furnish each type of product from single manufacturer. Provide secondary materials only as recommended by manufacturer of primary materials.

2.03 PERFORMANCE REQUIREMENTS

- A. General: Provide factory-fabricated expansion joint assemblies capable of withstanding the types of loads and of accommodating the kinds of movement, and the other functions for which they are designed including those specified below, without failure. Types of failure include those listed in Appendix X3 of ASTM E 1399.
 - 1. Exterior Joints: Maintain continuity of weather enclosure.
 - 2. Joints in Fire-Resistance-Rated Assemblies: Maintain fire-resistance ratings of assemblies.
 - 3. Joints in Smoke Barriers: Maintain integrity of smoke barrier.
 - 4. Joints in Acoustically Rated Assemblies: Maintain STC rating of penetrated partition. Refer to plans and to partition type sheet(s) for STC ratings of partitions.
 - 5. Other Joints: Where indicated, provide joint systems that prevent penetration of water, moisture, and other substances deleterious to building components of content.

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- 6. Seismic Joints: Remain in place on exposure to seismic activity (movement).
 - 7. Joints in Surfaces with Architectural Finishes: Serve as finished architectural joint closures.
- B. Fire-Test Response Characteristics: Where indicated, provide architectural joint system and fire-barrier assemblies identical to those of assemblies tested for fire resistance per UL 2079 or ASTM E 1966 by a testing and inspecting agency acceptable to authorities having jurisdiction.

2.04 MATERIALS

- A. Extruded Aluminum: ASTM B221 (ASTM B221M), 6063 alloy, T5 temper for extrusions; or ASTM B308/B308M, 6061 alloy, T6 temper for sheet and plate.
 - 1. Apply manufacturer's standard protective coating on aluminum surfaces to be placed in contact with cementitious materials.
- B. Elastomeric Seals: Manufacturer's standard; pre-formed elastomeric membranes or extrusions to be installed in metal frames.
- C. Compression Seals: Manufacturer's standard; pre-formed rectangular elastomeric extrusions having internal baffle system and design to function under compression.
- D. Strip Seals: Manufacturer's standard; pre-formed rectangular elastomeric extrusions having an internal baffle system and secured in or over a joint by a metal locking rail.
- E. Cellular Foam Seals: Manufacturer's standard; extruded, compressible foam designed to function under compression.
- F. Fire Barriers: Manufacturer's standard; material or material combination, when fire tested after cycling, designated to resist the passage of flame and hot gases through a movement joint and to meet performance criteria for required rating period. Fire barriers shall comply with requirements specified in "Performance Requirements" Article for fire-test-response characteristics and be designed for dynamic structural movement without material degradation or fatigue when tested according to ASTM E 1399. Provide fire-rated expansion assemblies with manufacturer's continuous, standard, flexible fire-barrier seals in back of joint system at locations indicated to provide fire-resistance rating not less than rating of adjacent construction.
- G. Moisture Barrier: Manufacturer's standard; material suitable to maintain continuity of weather enclosure.
- H. Accessories: Manufacturer's standard; anchors, clips, fasteners, set screws, spacers, and other accessories compatible with material in contact, as indicated or required for complete installations.

2.05 ARCHITECTURAL JOINT SYSTEMS, GENERAL

- A. General: Provide architectural joint systems of design, basic profile, materials, and operation indicated. Provide units with capability to accommodate variations in adjacent surfaces.
 - 1. Furnish units in longest practicable lengths to minimize field splicing. Install with hairline mitered corners where joint changes direction or abuts other materials.
 - 2. Include factory-fabricated closure materials and transition pieces, tee-joints, corners, curbs, cross-connections, and other accessories as required to provide continuous joint systems.
 - 3. Fire Barrier: Not less than rating of adjacent construction.
 - 4. Moisture Barrier: Manufacturer's standard.
- B. Design architectural joint systems for the following size and movement characteristics:
 - 1. Nominal Joint Width: As indicated on Drawings.
 - 2. Maximum Joint Width: As indicated on Drawings.
 - 3. Minimum Joint Width: As indicated on Drawings.
 - 4. Movement Capability: As indicated on Drawings.
 - 5. Type of Movement: Thermal and Seismic.

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2.06 ARCHITECTURAL JOINT SYSTEMS FOR BUILDING INTERIORS

- A. Floor Transition Covers: Manufacturers and Products:
 - 1. Manufacturers and Products:
 - a. Basis of Design: Construction Specialties, Inc. (C/S Group): W Series
 - b. InPro Corporation
 - c. MM Systems Corporation
 - 2. Joint Width: up to 50mm
 - 3. Horizontal: up to ± 50 mm
 - 4. Load Capability: 250kg point load
 - 5. Color: As selected by Architect from manufacturer's full range.
- B. Ceiling Transition Joint Systems:
 - 1. Manufacturers and Products:
 - a. Construction Specialties, Inc. (C/S Group); FCS Series.
 - b. InPro Corporation; JointMaster 100 Series.
 - c. MM Systems Corporation; VSWL Series.
 - 2. Joint Width: up to 100mm
 - 3. Horizontal: up to +100/-75mm
 - 4. Vertical: up to ± 15 mm
 - 5. Lateral: up to ± 6 mm
 - 6. Color: As selected by Architect from manufacturer's full range.
- C. Wall-to-Wall and Ceiling-to-Ceiling Joint Systems:
 - 1. Manufacturers and Products:
 - a. Construction Specialties, Inc. (C/S Group); FWS Series.
 - b. InPro Corporation; JointMaster 100 Series.
 - c. MM Systems Corporation; VSW Series.
 - 2. Joint Width: up to 150mm
 - 3. Horizontal: up to +150/-105mm
 - 4. Vertical: up to ± 15 mm
 - 5. Lateral: up to ± 6 mm
 - 6. Color: As selected by Architect from manufacturer's full range.

2.07 ARCHITECTURAL JOINT SYSTEMS FOR BUILDING EXTERIORS

- A. Silicone-Coated, Preformed Compression Seal Expansion Joints: Silicone precoated, preformed, precompressed, self-expanding open-cell foam sealant manufactured from polyurethane foam and impregnated with a water-based, stabilized, polymer-modified acrylic; foam contains no waxes or asphalt. It is factory precoated with a high-grade water-resistant silicone. Silicone is factory-applied to foam while foam is partially precompressed. When silicone is cured, foam is compressed and a bellows is formed in the coating. Factory produce in precompressed sizes in roll or stick form to fit joint widths indicated; coated on one side with a pressure-sensitive adhesive and covered with protective wrapping.
 - 1. Manufacturers:
 - a. Construction Specialties, Inc. (C/S Group) - SF Series
 - b. InPro Corporation JointMaster - 600 Series
 - c. MM Systems Corporation; VSS Series
 - 2. Joint Width: up to 150mm
 - 3. Horizontal: up to +75/-90mm
 - 4. Vertical: up to ± 15 mm
 - 5. Lateral: up to ± 3 mm
 - 6. Color: As selected by Architect from manufacturer's full range.

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2.08 ALUMINUM ROOF EXPANSION ASSEMBLY

- A. Shop-Fabricated Roof Expansion Joint Covers: Refer to Division 07 Section "Flashing and Sheet Metal".

2.09 MISCELLANEOUS MATERIALS

- A. Elastomeric Sealant: ASTM C 920, elastomeric silicone polymer sealant; of type, grade, class, and use classifications required to seal joints in sheet metal flashing and trim and to remain watertight as recommended by manufacturer.
- B. Mineral-Fiber Blanket Insulation: ASTM C 665.
- C. Flexible Cellular Sponge or Expanded Rubber: ASTM D 1056.
- D. Silicone Extrusions: Classified according to ASTM D 2000, UV stabilized, and do not propagate flame.
- E. Fasteners: Manufacturer's recommended fasteners suitable for application and designed to withstand design loads.
 - 1. Exposed Penetrating Fasteners: Gasketed screws with hex washer heads matching color of sheet metal.

2.10 ALUMINUM FINISHES

- A. Comply with NAAMM's "Metal Finishes Manual for Architectural and Metal Products" for recommendations for applying and designating finishes.
- B. Protect mechanical finishes on exposed surfaces from damage by applying a strippable, temporary protective covering before shipping.
- C. Appearance of Finished Work: Variations in appearance of abutting or adjacent pieces are acceptable if they are within one-half of the range of accepted Samples. Noticeable variations in the same piece are not acceptable. Variations in appearance of other components are acceptable if they are within the range of accepted Samples and are assembled or installed to minimize contrast.
- D. Finish designations prefixed by "AA" conform to the system established by the Aluminum Association for designating aluminum finishes.
- E. Mill Finish for Floor Covers: AA-M10 Mechanical Finish: as fabricated; no other applied finish unless buffing is required to remove scratches, welding, or grinding produced in fabrication process.
- F. Clear Anodic Finish for Wall and Ceiling Covers: AAMA 611, AA-M12C22A31, Class II, 0.010 mm or thicker.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Acceptance of Surfaces and Conditions: Examine substrates to receive products and systems and associated work for compliance with requirements and other conditions affecting performance. Proceed only when unsatisfactory conditions have been corrected in a manner complying with Contract Documents. Starting work within a particular area will be construed as acceptance of surface conditions.

3.02 INSTALLATION, GENERAL

- A. Installation Quality Standards: In addition to standards listed elsewhere, perform Work according to following, unless otherwise specified:
 - 1. Respective manufacturer's written installation instructions.
 - 2. Accepted submittals.
 - 3. Contract Documents.
- B. Control of Corrosion: Prevent galvanic action and other forms of corrosion by isolating metals and other materials from direct contact with incompatible materials.

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3.03 PREPARATION

- A. General: Comply with manufacturer's instructions, recommendations and specifications for cleaning and surface preparation. Surfaces shall have no defects, contaminants, or errors which would result in poor or potentially defective installation or would cause latent defects in Work.
- B. Repair concrete slabs and blockouts using manufacturer's recommended repair grout of compressive strength adequate for anticipated structural loadings.
- C. Coordinate and furnish anchorages, setting drawings, and instructions for installing joint systems. Provide fasteners of metal, type, and size to suit type of construction indicated and to provide for secure attachment of joint systems.
- D. Coordinate installation of roof expansion assembly materials and associated work so complete assemblies comply with assembly performance requirements.

3.04 INSTALLATION

- A. Metal Frames: Perform cutting, drilling, and fitting required to install joint systems.
 - 1. Install in true alignment and proper relationship to joints and adjoining finished surfaces measured from established lines and levels.
 - 2. Adjust for differences between actual structural gap and nominal design gap due to ambient temperature at time of installation. Notify Architect where discrepancies occur that will affect proper joint installation and performance.
 - 3. Cut and fit ends to accommodate thermal expansion and contraction of metal without buckling of frames.
 - 4. Locate in continuous contact with adjacent surfaces.
 - 5. Standard-Duty Systems: Shim to level where required. Support underside of frames continuously to prevent vertical deflection when in service.
 - 6. Heavy-Duty Systems: Repair or grout blockout as required for continuous frame support and to bring frame to proper level. Shimming is not allowed.
 - 7. Locate anchors at interval recommended by manufacturer, but not less than 3 inches from each end and not more than 24 inches.
- B. Elastomeric Seals in Metal Frames: Install elastomeric seals and membranes in frames to comply with manufacturer's written instructions. Install with minimum number of end joints.
 - 1. Provide in continuous lengths for straight sections.
 - 2. Seal transitions according to manufacturer's written instructions. Vulcanize or heat-weld field-spliced joints as recommended by manufacturer.
 - 3. Installation: Mechanically lock seals into frames or adhere to frames with adhesive or pressure-sensitive tape as recommended by manufacturer.
- C. Compression Seals: Apply adhesive or lubricant adhesive as recommended by manufacturer to both sides before installing compression seals.
- D. Epoxy-Bonded Seals: Pressurize seal for time period and to pressure recommended by manufacturer. Do not over-pressurize.
- E. Cellular Foam Seals: Apply adhesive or lubricant adhesive as recommended by manufacturer to both sides before installing cellular foam seals.
- F. Terminate exposed ends of joint assemblies with field- or factory-fabricated termination devices.
- G. Fire-Resistance-Rated Assemblies: Coordinate installation of architectural joint assembly materials and associated work so complete assemblies comply with assembly performance requirements.
 - 1. Fire Barriers: Install fire barriers to provide continuous, uninterrupted fire resistance throughout length of joint, including transitions and field splices.

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- H. Moisture Barrier: Provide moisture barrier at exterior joints and where called for on Drawings. Provide drainage fittings at a maximum of 50 ft or where indicated.

3.05 FIELD QUALITY CONTROL

- A. Manufacturer's Field Service: Manufacturer's qualified technical representative shall periodically inspect Work to ensure installation is proceeding in accordance with manufacturer's designs, recommendations, instructions, and warranty requirements. Representative shall submit written reports of each visit indicating observations, findings, and conclusions of inspection.
 - 1. Manufacturer's Technical Representative Qualifications: Direct employee of technical services department of manufacturer with experience in providing recommendations, observations, evaluations, and problem diagnostics.

3.06 PROTECTION

- A. Do not remove protective covering until finish work in adjacent areas is complete. When protective covering is removed, clean exposed metal surfaces to comply with manufacturer's written instructions.
- B. Protect the installation from damage by work of other Sections. Where necessary due to heavy construction traffic, remove and properly store cover plates or seals and install temporary protection over joints. Reinstall cover plates or seals prior to Substantial Completion of the Work.
- C. Provide final protection and maintain conditions in a manner acceptable to manufacturer and installer that ensures that expansion joint assemblies are without damage or deterioration at time of Substantial Completion.

END OF SECTION

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**SECTION 10 2800
TOILET, BATH, AND LAUNDRY ACCESSORIES**

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Commercial toilet accessories.
- B. Utility room accessories.

1.02 RELATED REQUIREMENTS

- A. Section 09 2116 - Gypsum Board Assemblies: Concealed supports for accessories, including in wall framing and plates and above ceiling framing.
- B. Section 06 1000 - Rough Carpentry: Placement of concealed anchor devices.

1.03 REFERENCE STANDARDS

- A. ADA Standards - 2010 ADA Standards for Accessible Design; 2010.
- B. ASTM A666 - Standard Specification for Annealed or Cold-Worked Austenitic Stainless Steel Sheet, Strip, Plate, and Flat Bar; 2023.
- C. ASTM C1036 - Standard Specification for Flat Glass; 2016.
- D. ASTM C1048 - Standard Specification for Heat-Strengthened and Fully Tempered Flat Glass; 2012.
- E. ASTM E84 - Standard Test Method for Surface Burning Characteristics of Building Materials; 2021a.

1.04 ADMINISTRATIVE REQUIREMENTS

- A. Coordinate the work with the placement of internal wall reinforcement, concealed ceiling supports, and reinforcement of toilet partitions to receive anchor attachments.

1.05 SUBMITTALS

- A. See Section 01 3000 - Submittal Procedures.
- B. Product Data: Submit data on accessories describing size, finish, details of function, and attachment methods.
- C. Manufacturer's Installation Instructions: Indicate special procedures and conditions requiring special attention.

PART 2 PRODUCTS

2.01 MANUFACTURERS

- A. Commercial Toilet, Shower, and Bath Accessories:
 - 1. **Basis of Design:** Bobrick Washroom Equipment, Inc.
 - 2. ASI - American Specialties, Inc: www.americanspecialties.com.
 - 3. Bradley Corporation: www.bradleycorp.com.
 - 4. Or prior approved equal.

2.02 MATERIALS

- A. Accessories - General: Shop assembled, free of dents and scratches and packaged complete with anchors and fittings, steel anchor plates, adapters, and anchor components for installation.
- B. Stainless Steel Sheet: ASTM A666, Type 304.
- C. Mirror Glass: Tempered safety glass, ASTM C1048; and ASTM C1036 Type I, Class 1, Quality Q2, with silvering as required.
- D. Fasteners, Screws, and Bolts: Hot dip galvanized; tamper-proof; security type.

2.03 FINISHES

- A. Stainless Steel: Satin finish, unless otherwise noted.

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2.04 COMMERCIAL TOILET ACCESSORIES

- A. Toilet Paper Dispenser: Double roll, surface-mounted, stainless steel unit with pivot hinge, tumbler lock.
 - 1. Products:
 - a. Model B-2840 Surface Mounted Toilet Tissue Dispenser and Utility Shelf, by Bobrick.
 - 2. Materials:
 - a. Shelf: 18-8, type-304, 20-gauge (1.0mm) stainless steel with satin finish. 1/2" (13mm) return edges for maximum rigidity. Front edge is hemmed for safety.
 - b. Mounting Brackets: 18-8, type-304, 18-gauge (1.2mm) stainless steel with satin finish. Welded to shelf.
 - c. Toilet Tissue Dispensers: Support brackets are 18-8, type-304, 18-gauge (1.2mm) stainless steel with satin finish. Equipped with two chrome-plated plastic spindles, each with a heavy-duty internal spring.
 - 3. Dimensions:
 - a. Width: 16"
 - b. Height: 3 7/8"
 - c. Depth of Shelf: 5"
- B. Paper Towel Dispenser: Provided by Owner.
- C. Soap Dispenser: Provided by Owner
- D. Mirrors: Stainless steel framed, 1/4 inch (6 mm) thick tempered safety glass; ASTM C1048.
 - 1. Size: 24 inch wide by 36 inch high unless indicated otherwise.
 - 2. Frame: 0.05 inch (1.3 mm) angle shapes, with mitered and welded and ground corners, and tamperproof hanging system; satin finish.
 - 3. Material: Stainless Steel
 - 4. Products:
 - a. Basis of Design: Model #165-2436 by Bobrick
- E. Grab Bars: Stainless steel, nonslip grasping surface finish.
 - 1. Standard Duty Grab Bars:
 - a. Push/Pull Point Load: 250 pound-force (1112 N), minimum.
 - b. Dimensions: 1-1/4 inch (32 mm) outside diameter, minimum 0.05 inch (1.3 mm) wall thickness, exposed flange mounting, 1-1/2 inch (38 mm) clearance between wall and inside of grab bar.
 - c. Length and Configuration: As indicated on drawings.
 - d. Material: Stainless Steel, Satin Finish.
 - e. Products:
 - 1) Basis of Design for 36" bar: B-5806.36 manufactured by Bobrick.
 - 2) Basis of Design for 42" bar: [B-5806.42 manufactured by Bobrick].
- F. Sanitary Napkin Disposal Unit: Stainless steel, surface-mounted, self-closing door, locking bottom panel with full-length stainless steel piano-type hinge, removable receptacle.
 - 1. Products:
 - a. Basis of Design: Model #B-270 Surface Mounted Sanitary Napkin Disposal by Bobrick
 - 2. Materials:
 - a. Container: 18-8, type-304, 22-gauge (0.8mm) stainless steel. All-welded construction. Exposed surfaces have satin finish. Integral finger depression for opening cover. Front of container has same degree of arc as front of cover and other Bobrick ConturaSeries washroom accessories. Radius on side edges of container match corners and edges of cover and other ConturaSeries accessories.
 - b. Cover: 18-8, type-304, 22-gauge (0.8mm) stainless steel with satin finish. Drawn, one-piece, seamless construction. Front of cover has same degree of arc as front of container and other Bobrick Contura Series washroom accessories. Radius on

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corners and edges of cover match side edges of container and other Contura Series accessories. Secured to container with a full-length stainless steel piano-hinge.

3. Dimensions:
 - a. Height: 10"
 - b. Width: 7 1/2"
 - c. Depth: 3 13/16"

2.05 COMMERCIAL SHOWER AND BATH ACCESSORIES

- A. Robe Hook: Heavy-duty stainless steel, single-prong, rectangular-shaped bracket and backplate for concealed attachment, satin finish.
 1. Products:
 - a. Basis of Design: Model #B-76717 by Bobrick
 2. Materials:
 - a. Flange & Support Arm — 18-8, type-304, 22-gauge (0.8mm) stainless steel. Concealed, 18-gauge (1.2mm) stainless steel mounting bracket. All-welded construction. Secured to wall plate with a stainless steel setscrew.
 - b. Concealed Wall Plate — 18-8, type-304, 19-gauge (1.0mm) stainless steel.
 - c. Cap — 18-8, type-304, 14-gauge (2.0mm) stainless steel. Welded to the support arm.
 3. Dimensions:
 - a. Width: 2'
 - b. Height: 1 5/8"
 - c. Depth: 1 5/8"

PART 3 EXECUTION

3.01 EXAMINATION

- A. Verify existing conditions before starting work.
- B. Verify exact location of accessories for installation.
- C. Verify that field measurements are as indicated on drawings.

3.02 PREPARATION

- A. Deliver inserts and rough-in frames to site for timely installation.
- B. Provide templates and rough-in measurements as required.

3.03 INSTALLATION

- A. Install accessories in accordance with manufacturers' instructions in locations indicated on drawings.
- B. Install plumb and level, securely and rigidly anchored to substrate.
- C. Mounting Heights: As required by accessibility regulations, unless otherwise indicated.

3.04 PROTECTION

- A. Protect installed accessories from damage due to subsequent construction operations.

END OF SECTION

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**SECTION 32 1723.13
PAVEMENT MARKINGS**

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Parking lot driveway striping and curb markings.
- B. Parking lot markings, including parking bays, handicapped symbols, and curb markings.

1.02 SUBMITTALS

- A. See Section 01 3000 - Administrative Requirements, for submittal procedures.
- B. Product Data: Manufacturer's data sheets on each product to be used, including:
 - 1. Preparation instructions and recommendations.
 - 2. Storage and handling requirements and recommendations.
 - 3. Installation methods.
- C. Shop Drawings: Indicate pavement markings, lane separations, and defined parking spaces. Indicate, with international symbol of accessibility, spaces allocated for people with disabilities.
- D. Maintenance Materials: Furnish the following for Owner's use in maintenance of project.
 - 1. See Section 01 6000 - Product Requirements, for additional provisions.
 - 2. Extra Paint: One container, 1 gallon (4 liter) size, of each type and color.

1.03 QUALITY ASSURANCE

- A. Install a mockup of line striping to demonstrate adhesion to pedestrian coating system and aesthetic intent. Mockup may remain in place if approved by Architect.

1.04 DELIVERY, STORAGE, AND HANDLING

- A. Store products in manufacturer's unopened packaging until ready for installation.
- B. Store and dispose of solvent-based materials, and materials used with solvent-based materials, in accordance with requirements of local authorities having jurisdiction.

1.05 FIELD CONDITIONS

- A. Do not install products under environmental conditions outside manufacturer's absolute limits.

PART 2 PRODUCTS

2.01 MATERIALS

- A. Line and Zone Marking Paint: Acrylic/Latex Traffic Marking Paint; color(s) as indicated.
 - 1. Parking Lots: White, 4" wide in configuration shown in Drawings.
 - 2. Standard Parking Striping: White, 4" wide in configuration shown in Drawings.
 - 3. Handicapped Striping and Symbols: Blue, 4" wide striping in configuration shown in Drawings.
 - a. "VAN" lettering: Blue, 2'-0" high letters.
 - 4. Manufacturers
 - a. Aexcel
 - b. Benjamin Moore
 - c. Porter Coatings
 - d. PPG
 - e. Sherwin-Williams
 - f. Substitutions: See Section 01 6000 - Product Requirements.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Do not begin installation until substrates have been properly prepared.

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- B. If substrate preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.

3.02 PREPARATION

- A. Allow new pavement surfaces to cure for a period of not less than 14 days before application of marking materials.
- B. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.
- C. Clean surfaces thoroughly prior to installation.
 - 1. Remove dust, dirt, and other granular surface deposits by sweeping, blowing with compressed air, rinsing with water, or a combination of these methods.
 - 2. Completely remove rubber deposits, existing paint markings, and other coatings adhering to the pavement, by scraping, wire brushing, sandblasting, mechanical abrasion, or approved chemicals.
- D. Where oil or grease are present, scrub affected areas with several applications of trisodium phosphate solution or other approved detergent or degreaser, and rinse thoroughly after each application; after cleaning, seal oil-soaked areas with cut shellac to prevent bleeding through the new paint.
- E. Establish survey control points to determine locations and dimensions of markings; provide templates to control paint application by type and color at necessary intervals.

3.03 INSTALLATION

- A. Begin pavement marking as soon as practicable after surface has been cleaned and dried.
- B. Do not apply if temperature of surface to be marked or the atmosphere is less than 50 degrees F (10 degrees C) or more than 95 degrees F (35 degrees C).
- C. Apply in accordance with manufacturer's instructions using an experienced technician that is thoroughly familiar with equipment, materials, and marking layouts.
- D. Apply markings in locations determined by measurement from survey control points; preserve control points until after markings have been accepted.
- E. Apply uniformly painted markings of color(s), lengths, and widths as indicated on drawings true, sharp edges and ends.
 - 1. Apply paint in one coat only.
 - 2. Wet Film Thickness: 0.015 inch (0.4 mm), minimum.
 - 3. Width Tolerance: Plus or minus 1/8 inch (3 mm).
- F. Parking Lots: Apply parking space lines, entrance and exit arrows, painted curbs, and other markings indicated on drawings.
 - 1. Mark the International Handicapped Symbol at indicated parking spaces.
 - 2. Hand application by pneumatic spray is acceptable.
- G. Symbols: Use a suitable template that will provide a pavement marking with true, sharp edges and ends, of the design and size indicated.

3.04 DRYING, PROTECTION, AND REPLACEMENT

- A. Protect newly painted markings so that paint is not picked up by tires, smeared, or tracked.
- B. Provide barricades, warning signs, and flags as necessary to prevent traffic crossing newly installed markings.
- C. Allow paint to dry at least the minimum time specified by the applicable paint standard and not less than that recommended by the manufacturer.
- D. Remove and replace markings that are applied at less than minimum material rates; deviate from true alignment; exceed length and width tolerances; or show light spots, smears, or other deficiencies or irregularities.

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- E. Remove markings in manner to avoid damage to the surface to which the marking was applied, using carefully controlled sand blasting, approved grinding equipment, or other approved method.
- F. Replace removed markings at no additional cost to Owner.

END OF SECTION

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**SECTION 32 3113
CHAIN LINK FENCES AND GATES**

PART I - GENERAL

1.01 SUMMARY

- A. Provide chain link fence system and accessories indicated, where shown on the project drawings, as specified herein, and as needed for a complete and proper installation.
- B. Related work:
 - 1. Documents affecting work of this Section include, but are not necessarily limited to, General Conditions, Supplementary Conditions and other sections of these specifications.
- C. References for material specifications:
 - 1. American Society for Testing and Materials (ASTM) Standards:
 - a. Test method for Weight of Coating on Zinc-Coated (Galvanized) Iron or Steel Articles.
 - b. Specification for Zinc-Coated Steel Chain-Link Fence Fabric.
 - c. Test Method for Weight of Coating on Aluminum-Coated Iron or Steel Articles.
 - d. Specification for Steel Sheet, Zinc-Coated (Galvanized) by the Hot-Dip Process, Structural (Physical) Quality.
 - e. Specification for Aluminum-Coated Steel Chain-Link Fence Fabric.
 - f. Specification for General Requirements for Steel Sheet, Zinc - Coated (Galvanized) by the Hot-Dip Process.
 - g. Specification for Steel, Carbon (0.15 Maximum Percent), Hot-Rolled Sheet Strip, Commercial Quality.
 - h. Specification for Metallic-Coated Steel Wire for Chain Link Fence Fabric.
 - i. Ready Mixed Concrete.
 - j. Specification for Fence Fittings.
 - k. Specification for Strength Requirements of Metal Posts and Rails for Industrial Chain-Link Fence.
 - l. Federal Specifications (Fed. Spec.):
 - 1) RR-F-191H/GEN Fencing, Wire and Post, Metal
 - 2) RR-F-191/1D Fencing, Wire and Post, Metal
 - 3) RR-F-191/2D Fencing, Wire and Post, Metal
 - 4) RR-F-191/3D Fencing, Wire and Post, Metal
 - 5) RR-F-191/4D Fencing, Wire and Post, Metal

1.02 SUBMITTALS

- A. Submit the following:
 - 1. Materials list of items proposed to be provided under this section.
 - 2. Manufacturer's specifications and other data needed to prove compliance with the specific requirements.
 - 3. Shop Drawings showing all fencing components and details of fencing, gates, post tops, tensions bands and bars, sleeves and corner post attachments. These Shop Drawings shall be accompanied by a layout drawing showing spacing of posts and location of gate, corner, end and pull posts.
 - 4. Include plans, elevations, sections, details, and attachments to other work.
 - 5. Include accessories, hardware, gate operation, and operational clearances.
- B. Delegated-Design Submittal: For structural performance of chain-link fence and gate frameworks, including analysis data signed and sealed by the qualified professional engineer responsible for their preparation.

1.03 PERFORMANCE REQUIREMENTS

- A. Delegated Design: Engage a qualified professional engineer, as defined in Section 014000 "Quality Requirements," to design chain-link fence and gate frameworks.

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- B. Structural Performance: Chain-link fence and gate frameworks shall withstand the design wind loads and stresses for fence height(s) and under exposure conditions indicated according to ASCE/SEI 7.
 - 1. Design Wind Load: to meet International Building Code requirements for site location.
 - a. Minimum post size shall be as indicated on drawings, or as required by ASTM F1043, whichever is larger.
 - b. Minimum Post Size: Determine according to ASTM F 1043 for post spacing not to exceed 10 feet (3 m) for Material Group IA, ASTM F 1043, Schedule 40 steel pipe.
- C. Lightning Protection System: Maximum resistance-to-ground value of 25 ohms at each grounding location along fence under normal dry conditions.

1.04 QUALITY ASSURANCE

- A. Installer Qualifications: Installer shall have at least three (3) years experience and have completed at least five (5) chain link fence projects with same material and of similar scope to that indicated for this Project with a successful construction record of in-service performance.
- B. Single-Source Responsibility: Obtain chain link fences and gates, including accessories, fittings and fastenings from a single source.

1.05 DELIVERY, STORAGE AND HANDLING

- A. Deliver fencing materials to the site in an undamaged condition. Carefully store materials off the ground to provide proper protection against oxidation caused by ground contact.

PART 2 PRODUCTS

2.01 MANUFACTURERS

- A. Amko Fence
- B. American Fence & Supply
- C. Aleko
- D. Williams
- E. Or Approved Equal

2.02 MATERIALS COATING

- A. On steel framework and appurtenances, provide galvanized finish with not less than the following weight of zinc per square foot:
 - 1. Tube: 1.1 +/- .10 ounce per square foot, complying with ASTM A525
 - 2. Appurtenances - Per ASTM F626
- B. On fabric, provide finish with not less than the following weight of zinc or aluminum per square foot, as indicated below:
 - 1. For 3/8" fabric, use aluminized, Type I, complying with ASTM A817.
 - 2. For 2" fabric, comply with ASTM A817, using either aluminized, Type I or galvanized, Type II.

2.03 FABRIC

- A. No Climb Fence: Provide number 14 gauge wire in 3/8" fabric, no climb mesh, full height of fence. 3/8" fabric shall extend to top and bottom rails as indicated in Drawings..
- B. Height of fabric shall be as indicated in Project Drawings and shall be one continuous fabric width for fencing up to 20' height for each gauge required.

2.04 POSTS, RAILS AND ASSOCIATED ITEMS

- A. Refer to Drawings for Post, Rail and Associated Sizes. Should sizes not be indicated, refer to the below for minimum requirements.
- B. End, Corner, Slope, Pull, Line and Gate Posts: Provide at least the following minimum sizes and weights:

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Material and dimensions: Lbs per lin ft:
 Class 1, steel pipe, Grade B 12.92
 Wall thickness: 28"
 Yield Strength: 50,000 psi min (RR-F-191)
 Comply with RR-F-191
 Outside dimension: 6.625"

C. Internal support tube:

Material and dimensions: Lbs per lin ft:
 Class 1, steel pipe, Grade B 4.64
 Wall thickness: 154"
 Yield Strength: 50,000 psi min (RR-F-191)
 Comply with RR-F-191
 Outside dimension: 2 3/8"

D. Rails: Provide at least the following minimum size and weight:

Material and Dimensions: Lbs per lin ft:
 Class 1, steel pipe, Grade A or B 2.27/1.82
 Wall Thickness: 14"(A), .11"(B)
 Yield Strength: 25,000 psi min (A)
 50,000 psi min (B)
 Comply with RR-F-191
 Outside dimension: 1-5/8"

E. Post tops:

1. Provide steel post tops designed as weather tight closure caps.
2. Provide one cap for each post.
3. Do not use loop caps.

F. Stretcher bars:

1. Provide one-piece lengths equal to full height of fabric with a minimum cross-section of 3/16" x 3/4" or 3/8" round.
2. Provide one stretcher bar for each gate and end post, and two for each corner and pull post.

G. Stretcher bar bands:

1. Provide steel bands to secure stretcher bars to end, corner, pull, and gate posts.
2. Bands may be used also with rail end combinations for securing rails to end, corner, pull, slope and gate posts.

H. Flat Bar Design shall be used at all perimeter fencing.

I. Minimesh end/corner assemblies

1. Provide 3/16" x 3" x 45" galvanized flat steel bar slotted 6" on centers and 3/16" x 2" x 45" galvanized flat steel bar slotted 6" on centers for each end, corner and gate post.
2. Provide 45" end assembly, for each end post, gate post, and 45 degree corner post; and 60" assembly for 90 degree corner post.
3. Secure end/corner assemblies with 3 each 1" x 1/8" heavy steel tension bands.

2.05 GATES

A. General:

1. Fabricate gate frames of tubular members.
2. Provide additional horizontal and vertical members to assure proper operation of the gates, and for attachment of fabric, hardware and accessories.
3. Fabricate gate frames from:

Material and Dimensions: Lbs per lin ft:
 Class 1, Steel pipe, Grade A or B
 Wall Thickness: 145" (A),.120 (B)

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Yield Strength: 25,000 psi min (A) (RR-F-191)
 50,000 psi min (B)
 Comply with RR-F-191
 Outside dimension: 1-7/8"

B. Fabrication:

1. Assemble gate frames by welding.
2. Use 14 gauge x 3/8" to cover gate frame.
3. Attach gate fabric to the gate frame with tension bands and bars on all four sides. Weld tension bars at each corner.
4. Tension bands are to be spaced not more than 12" on centers. Provide "U" Bolts in addition to tension bands.
5. Spot weld nuts, peen bolt ends, or slash threads on all clamps and bands to provide security against removal.
6. Provide diagonal cross-bracing consisting of 3/8" diameter adjustable length truss rods on gates and gate soffits where required to provide frame rigidity without sag or twist. Gate leaves greater than 6 feet wide will have truss rods or intermediate braces.
7. Arrange latches for padlocking so that padlock will be accessible from both sides of the gate.
8. Provide 13 gauge x 1/2" expanded metal panels for side panels and soffits of gates. Weld in place and paint welds per ASTM 780.

C. Gate hardware for swing gates. Provide the following for each gate:

1. Hinges:
 - a. Pressed or forged steel, or malleable iron, to suit the gate size.
 - b. Provide 1-1/2 pairs of hinges for each leaf over 6 feet in nominal height.
2. Latches:
 - a. Provide forked type or plunger-bar type to permit operation from either side of the gate.
 - b. Provide padlock eye as integral part of latch.
3. Keeper: Provide keeper for vehicle gates, which automatically engages the gate leaf and holds it in the open position until manually released.
4. Gate Lock: Provide Southern Steel 1080 Detention Lock or 1050D Solenoid Operator Electro-Mechanical Gate Lock.
5. Double Gates:
 - a. Provide gate stops for double gates consisting of mushroom or flush plate, with anchors.
 - b. Set in concrete to engage the center drop rod or plunger bar.
 - c. Provide locking device and padlock eyes as an integral part of the latch, requiring one padlock for locking both gate leaves.

D. Control Devices:

1. Control Station: Momentary contact, three-button operated; located remotely from gate. Key switch to lock out open and close buttons. To be located in main control room, for both cantilever gates. Control station overridden by Vehical detector loop on exit gate, unless keyed switch is on lock out. Control station overridden by card access on entry gate, unless keyed switch in on lock out.
 - a. Function: Open, stop, and close.
2. Vehicle Loop Detector: System that includes automatic closing timer with adjustable time delay before closing, timer cut-off switch, and loop detector designed to open and close gate, hold gate open until traffic clears, reverse gate. Provide electronic detector with adjustable detection patterns, adjustable sensitivity and frequency settings, and panel indicator light designed to detect presence or transit of a vehicle over an embedded loop of wire and to emit a signal activating the gate operator. Provide number of loops consisting of multiple strands of wire, number of turns, loop size, and method of placement at location as required, and as recommended in writing by detection system manufacturer

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for function indicated.

- a. Loop: Field-assembled wire, in size required, for saw-cut and epoxy-grouted installation.

2.06 MISCELLANEOUS MATERIALS AND ACCESSORIES

A. Wire ties:

1. For tying 3/8" fabric to rail, use number 12-1/2 [11] gauge steel wire ties, 12" O.C. with coating compatible to match fabric materials. Properly tension the galvanized fabric.
2. If fabric is not buried, "Military" ties must be used to attach fabric to bottom rail, (24" on center).
3. "U" Bolts: In addition to wire ties provide 3/8" diameter "U" Bolts and all necessary hardware components to be galvanized. Place 2 units per vertical column and 3 units per bottom rail section, equally spaced. Burr ends of the "U" Bolts. Attach to galvanized Steel Plate recessed into slab, refer to details in Drawings.
4. TEK Screws:
 - a. For attaching 3/8" mesh to post use #14 X 1 1/2" tamper resistant TEK Screw and 1/4 X 1 1/4 " fender washer (Stainless Steel or Hot Dip Gal.) Minimum of 4 per post.
5. Concrete: ASTM C 94 3000-psi compressive strength at 28 days, using 3/8" maximum size aggregate. Site mixed concrete will be acceptable. Grout shall consist of one part cement to three parts clean, well-graded sand and the minimum amount of water required to produce a workable mix.

PART 3 - EXECUTION

3.01 SURFACE CONDITIONS

- A. Examine the areas and conditions under which work of this section will be performed. Correct conditions detrimental to timely and proper completion of the work. Do not proceed until unsatisfactory conditions are corrected.

3.02 INSTALLATION

A. General:

1. Install posts at a maximum spacing of 10 feet on centers, unless otherwise indicated on drawings.
2. For all terminal points in the fence line, including ends, corners, gates and significant changes in grade, install posts only as indicated in Project Drawings.
3. Install corner or pull posts where changes in direction exceed 30 degrees or significant grade changes are encountered.
4. Corners and terminals are to be executed in a manner, consistent with Project Drawings, which absolutely precludes hand/foot holds for the length of the 3/8" mesh.
5. Terminal posts at buildings shall be finished, consistent with Project Drawings, to provide closure to within .25" of the building.

B. Excavating:

1. Drill holes for post footings in firm, undisturbed or compacted soil, strictly adhering to the dimensions and spacing shown in the Project Drawings.
2. Where the footing is in plain soil, excavate a 15" minimum diameter hole to a depth of 4' 6".

C. Setting sleeve/bolt assemblies:

1. Remove loose and foreign materials from sides and bottoms of holes, and moisten soil prior to placing concrete.
2. Center and align sleeve/bolt assemblies in holes. Ensure that sleeve/bolt assemblies are plumb on two perpendicular planes.
3. Ensure that the support bolt at the bottom of the sleeve is the correct depth below grade level, as shown in the Project Drawings.
4. Place concrete around sleeve/bolt assemblies in a continuous pour, and vibrate or tamp for consolidation.

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5. Grout-in those sleeve/bolt assemblies which are set into concrete constructions, using non-shrink portland cement grout.
- D. Inserting Posts:
1. When concrete has attained sufficient strength, as indicated in paragraph E below, insert posts into sleeve/bolt assemblies.
 2. CORNER POSTS DIFFER FROM LINE POSTS. 90 DEGREE CORNER POSTS DIFFER FROM 45 DEGREE CORNER POSTS. ENSURE THAT THE CORRECT POSTS ARE INSERTED IN THE CORRECT LOCATIONS. THE CORNER POSTS ARE COLOR CODED WITH A PAINT SWIPE.
- E. Concrete strength: Allow concrete to attain at least 75% of its minimum 28-day strength before installing rails and fabric.
- F. Rails and bracing:
1. Install fence using horizontal rails, as indicated in the Project Drawings.
 2. Install rails using boulevard clamps, end rail clamps and rail ends.
 3. Brace end, corner, gate and pull posts to the nearest posts with horizontal braces used as compression members. Weld the horizontal braces to the posts.
- G. Installing Fabric:
1. Install fabric on the secure side of the fence, as indicated by Project Drawings.
 2. Pull fabric taut and tie to posts and rails. Anchor the fabric to the framework so that the fabric remains in tension after pulling force is removed.
 3. Attach all fabric to line posts and rails using U-shaped wire ties, conforming to diameter of pipe to which attached. Attach fabric to line posts using ties spaced 12" maximum on centers. Attach fabric to rails using ties spaced 12" maximum on centers.
 4. Provide 3/8" diameter "U" bolts in addition to wire ties. Place 2 units per vertical column and 3 units per bottom rail section, equally spaced. Tie into galvanized steel plate recessed into concrete slab, as indicated by Project Drawings.
 5. Join rolls of fence fabric by weaving a strand of fabric through the ends of rolls to form a continuous mesh.
 6. Cut the fabric at all terminal posts. Make bias cuts to obtain smooth finish around corners.
 7. Attach the 2" fabric to terminal posts using stretcher bars and stretcher bar bands or other approved devices standard with the manufacturer. Secure the 2" fabric and stretcher bars to posts with metal bands spaced 12" on centers.
 8. To attach 3/8" fabric to terminal posts, weld a galvanized steel plate measuring 3/8" x 3" x 48" lengthwise along the terminal posts from just above the mid-rail boulevard clamp to just below the top rail boulevard clamp. The plate must be punched 6" on centers to allow for 3/8" carriage bolts. Attach the 3/8" fabric using a 3/16" x 1-1/2" retainer bar and 3/8" x 2" carriage bolts spaced at a maximum of 6" on centers.
 9. Install the 3/8" fabric so that it overlaps the 2" fabric by 3" to 6". The 3/8" fabric must overlay the 2" mesh. Where both fabrics meet a post or rail, the 2" mesh will be between the 3/8" fabric and the post or rail.
 10. Attach the 3/8" fabric to the 2" fabric at the bottom edge of the 3/8" fabric using pneumatically applied 11 gauge high tensile hog rings placed a maximum of 6" on centers.
- H. Installing Swing Gates:
1. Install swing gates plumb, level and secure for full opening without interference.
 2. Install ground-set items in concrete for anchorage in accordance with the fence manufacturer's recommendations as approved by the Architect.
 3. Adjust the hardware for smooth operation and weld all hardware to prevent removal.
- I. Miscellaneous:
1. Peen the ends of bolts to prevent removal of nuts. Weld nuts.
 2. Repair coatings damaged in the shop or during field erection, using a repair compound applied in accordance with its manufacturer's recommendations.

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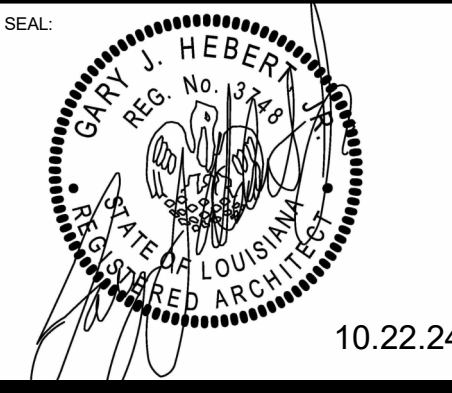
END OF SECTION

5024102 / East Baton Rouge Juvenile Detention Center Renovations	32 3113 - 7	Chain Link Fences and Gates
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EAST BATON ROUGE JUVENILE DETENTION CENTER RENOVATIONS

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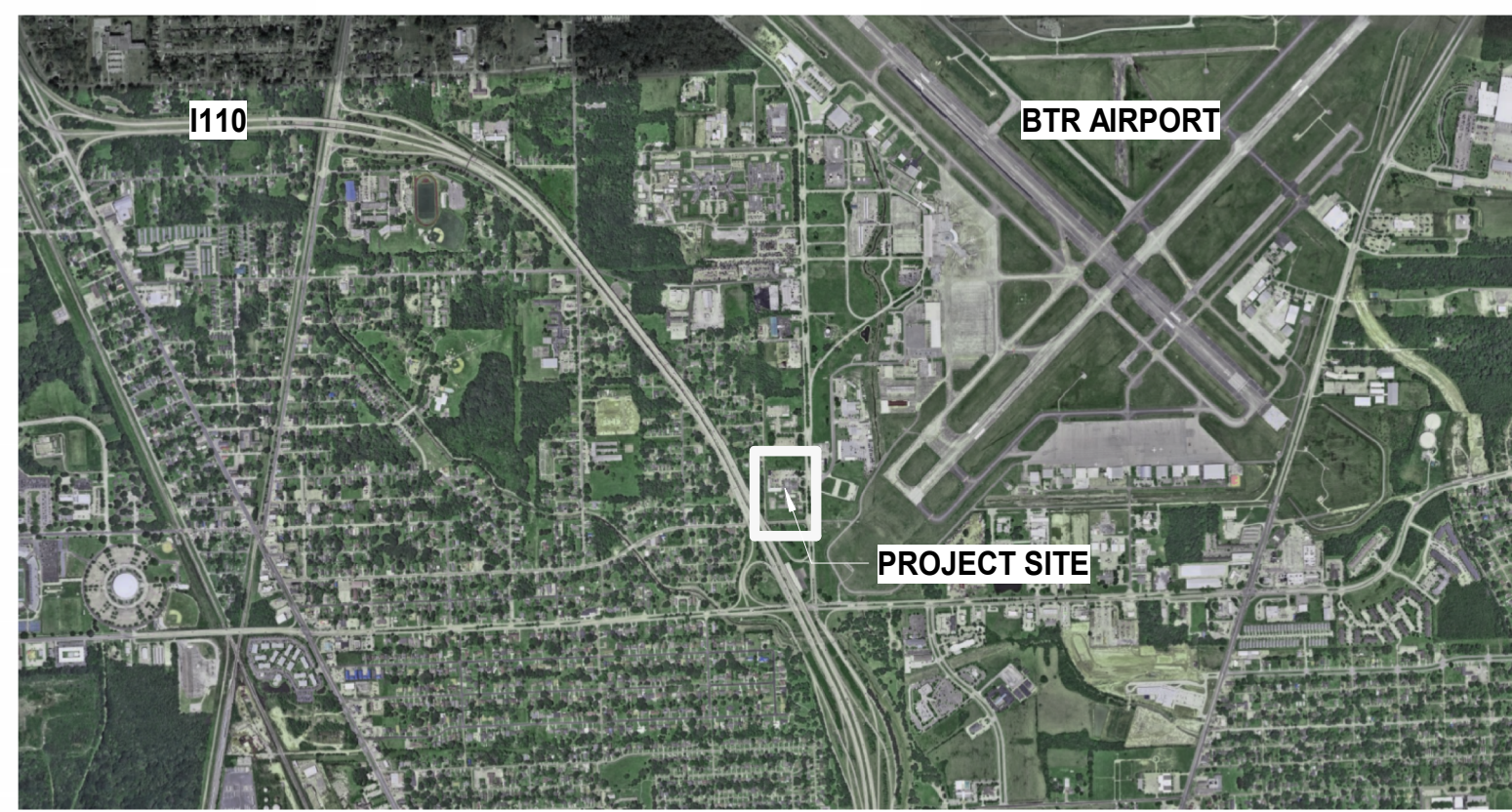
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CONSTRUCTION DOCUMENTS

VICINITY MAP



PROJECT DESCRIPTION

THE JUVENILE DETENTION CENTER WILL INCLUDE RENOVATIONS TO EXISTING DOORS, RENOVATIONS WITHIN DETENTION CENTER TO INCLUDE A SECURITY ELECTRONICS ROOM, AND ADDING AN ADMIN SPACE ONTO THE BUILDING ADJACENT TO THE COURT ROOM.

PROJECT DIRECTORY

ARCHITECT

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MECHANICAL ENGINEER

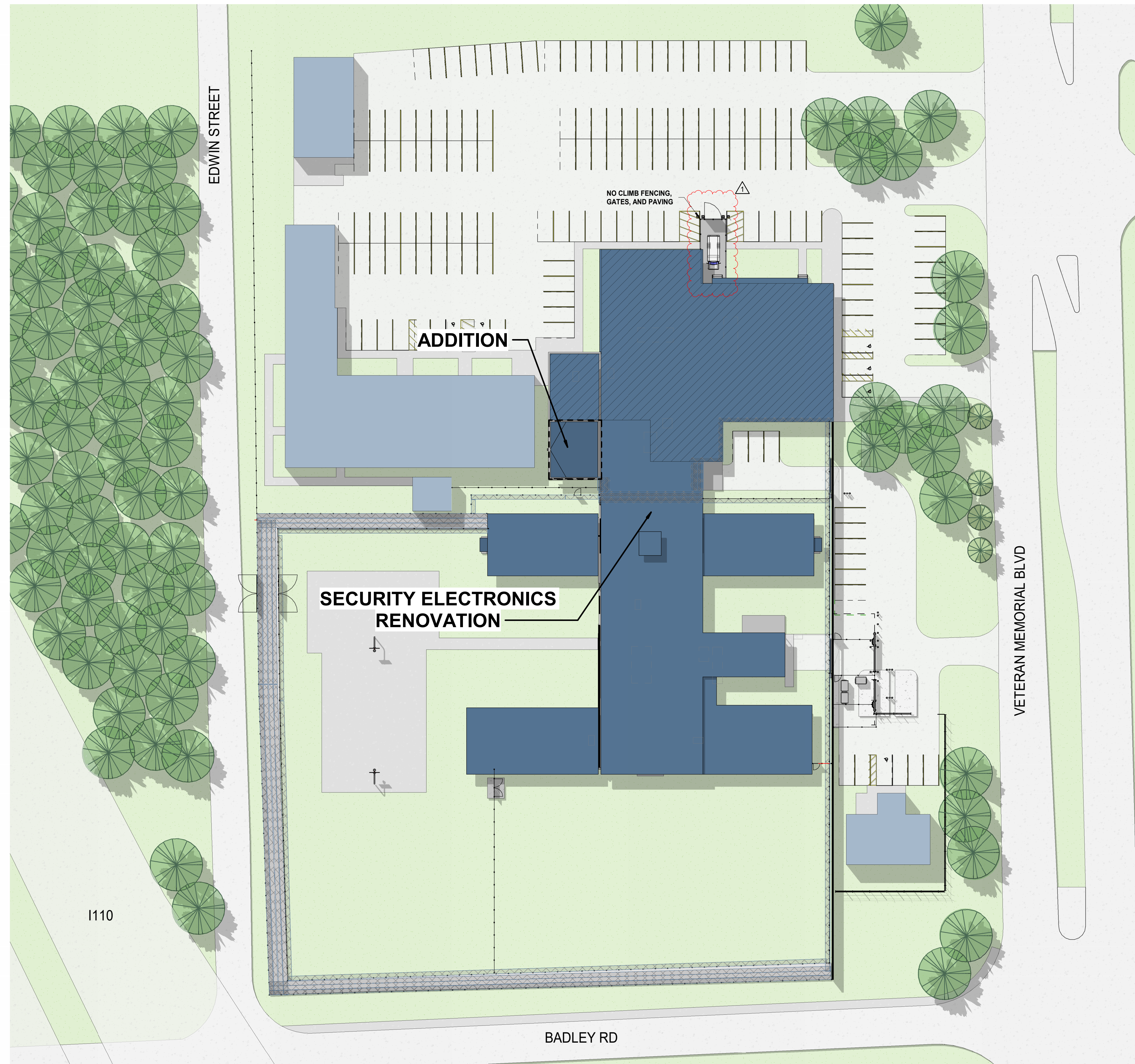
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EAST BATON ROUGE JUVENILE DETENTION CENTER RENOVATIONS
8333 VETERANS MEMORIAL BLVD.
Baton Rouge, LA 70807

NO.	DESCRIPTION	DATE
1	Addendum 001	11/04/2024

DATE: 10/24/2024
PHASE: CD
ISSUED FOR: BIDDING
PROJECT NO: 5024102

COVER SHEET

SHEET NUMBER

G000

Architect: Grace Herbert Curtis Architects, LLC - Baton Rouge/Arch, Juvenile Detention Center, BATON ROUGE, LA
 11/03/2024 9:15:07 PM

WALL PARTITION TYPE	
	TYPE A3 3 5/8" METAL STUD
	TYPE G3 3 5/8" METAL STUD, ONE SIDE GYP
	TYPE K8 8" CMU



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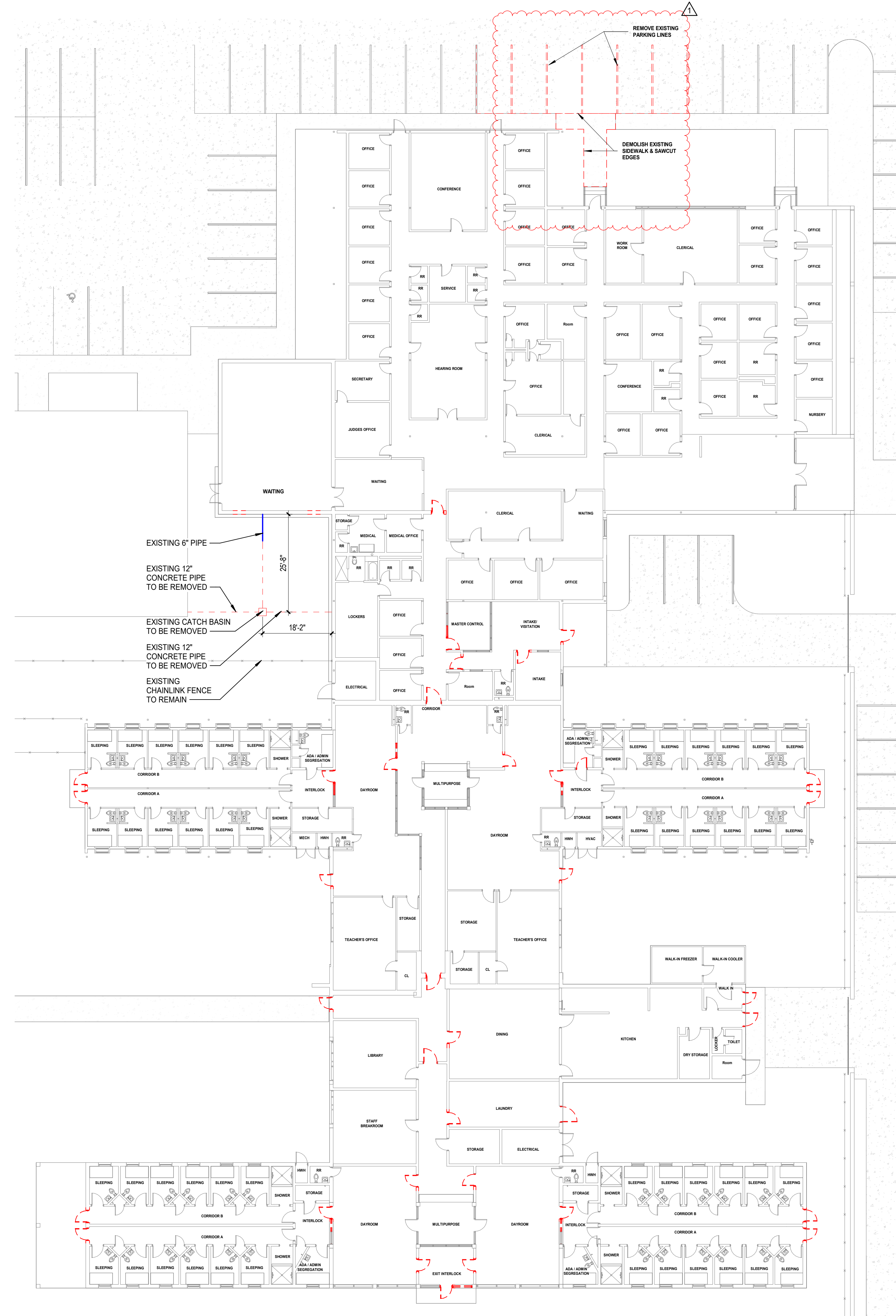
EAST BATON ROUGE JUVENILE DETENTION CENTER RENOVATIONS
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NO.	DESCRIPTION	DATE
1	Addendum 001	11/04/2024

DATE: 10/24/2024
 PHASE: CD
 ISSUED FOR: BIDDING
 PROJECT NO: 5024102

OVERALL FLOOR PLAN - DEMO & NEW

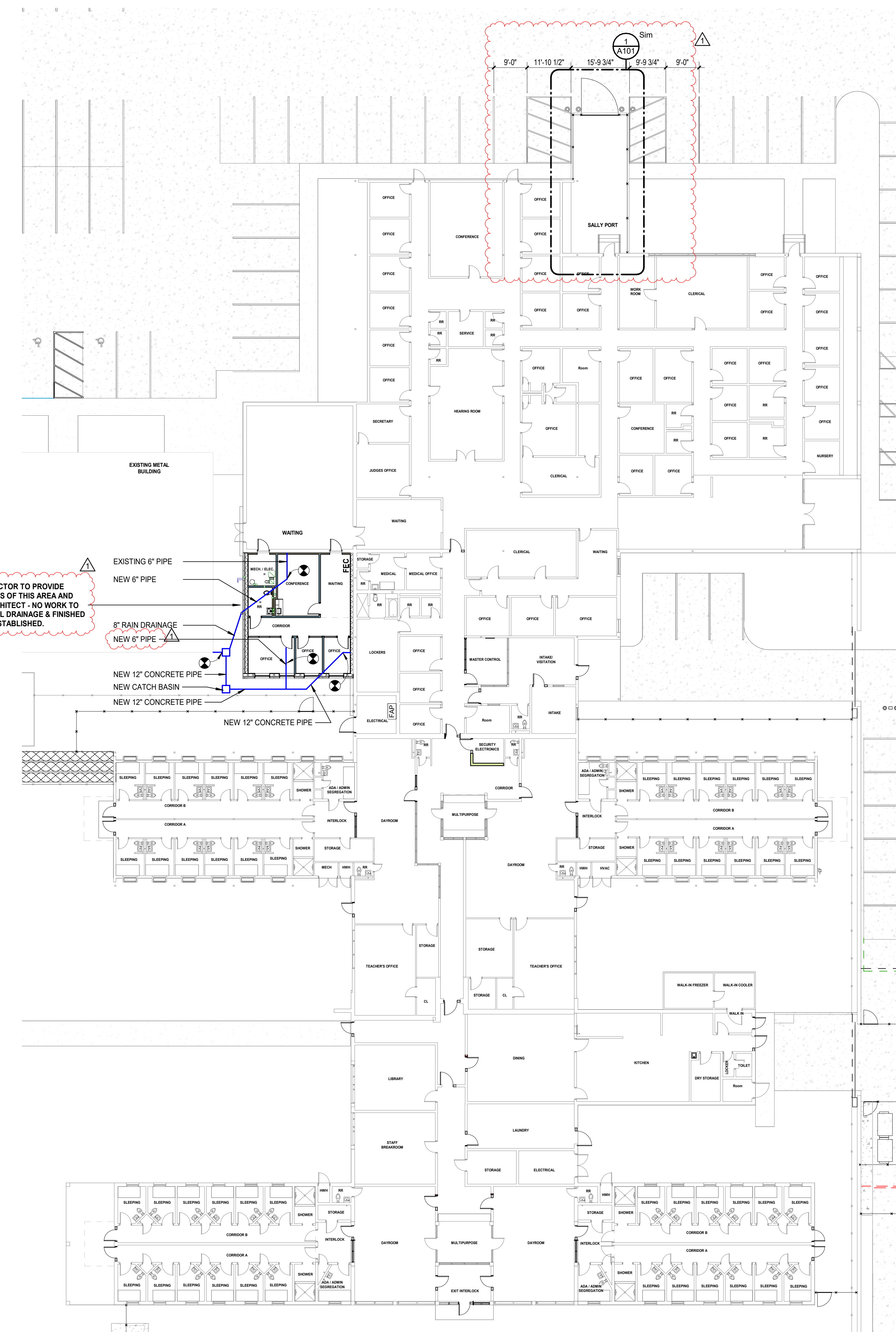
SHEET NUMBER
A100



EXISTING 6" PIPE
 EXISTING 12" CONCRETE PIPE TO BE REMOVED
 EXISTING CATCH BASIN TO BE REMOVED
 EXISTING 12" CONCRETE PIPE TO BE REMOVED
 EXISTING CHAINLINK FENCE TO REMAIN

DEMO LEGEND
 - - - - - DOOR TO BE REMOVED - NOTE: EXISTING MASONRY WALL OPENING TO BE WIDENED (CUT) TO ACCOMMODATE NEW DOOR
 - - - - - DOOR & EXISTING SECURITY GLAZING ADJACENT TO DOOR TO BE REMOVED. DOOR OPENING TO BE WIDENED TO ACCOMMODATE DOOR (CUT) DOOR, FRAME, AND SECURITY GLAZING TO BE INSTALLED

1 OVERALL FLOOR PLAN DEMO
 1/16" = 1'-0"



NOTE: CONTRACTOR TO PROVIDE SURVEY GRADES OF THIS AREA AND SUBMIT TO ARCHITECT - NO WORK TO BEGIN UNTIL ALL DRAINAGE & FINISHED GRADES ARE ESTABLISHED.

LEGEND
 TIE IN LOCATION TO EXISTING PIPE

2 OVERALL FLOOR PLAN - RENOVATION & ADDITION
 1/16" = 1'-0"



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Baton Rouge, LA 70807

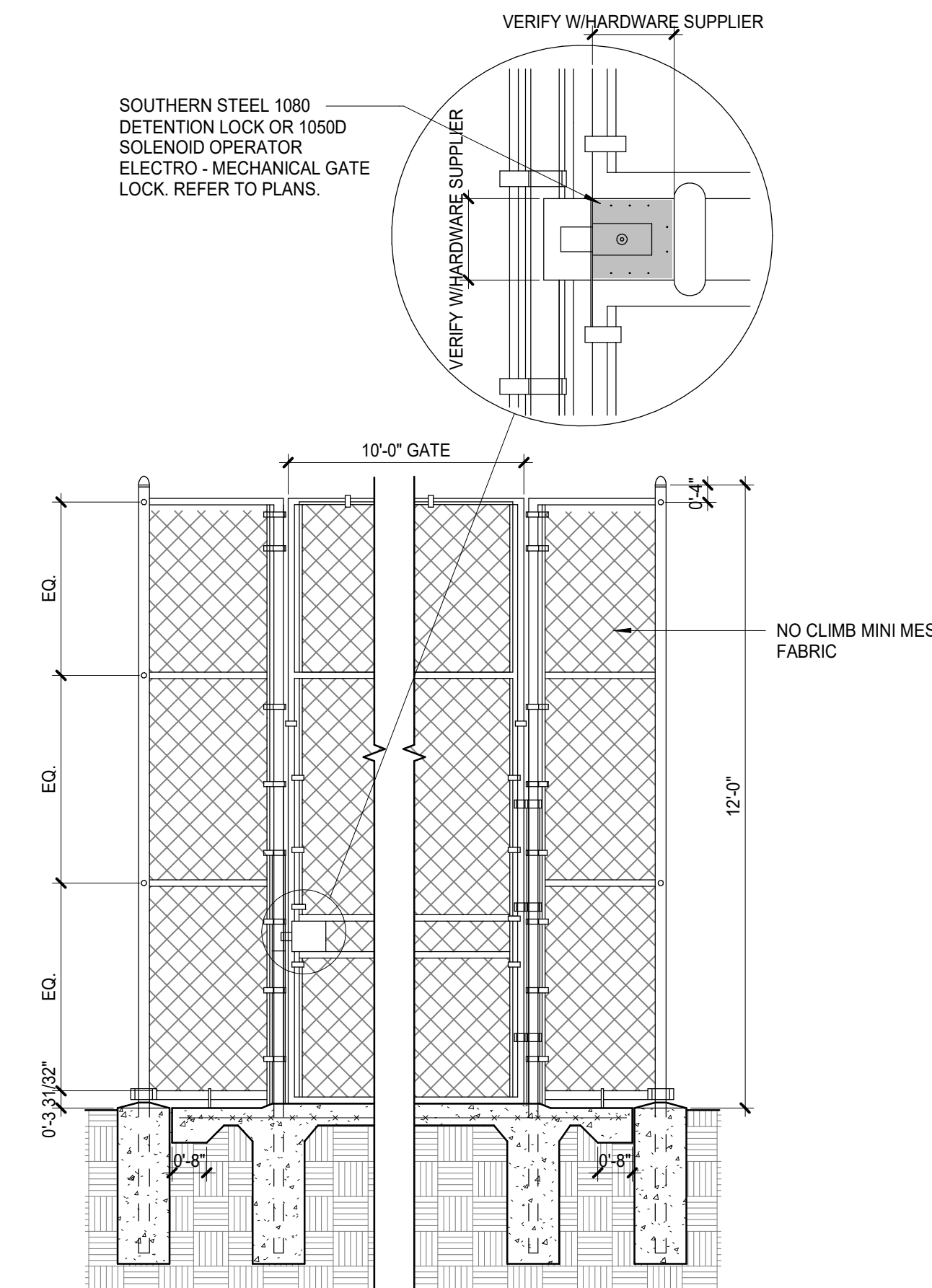
NO.	DESCRIPTION	DATE
1	Addendum 001	11/04/2024

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ISSUED FOR: BIDDING
PROJECT NO: 5024102

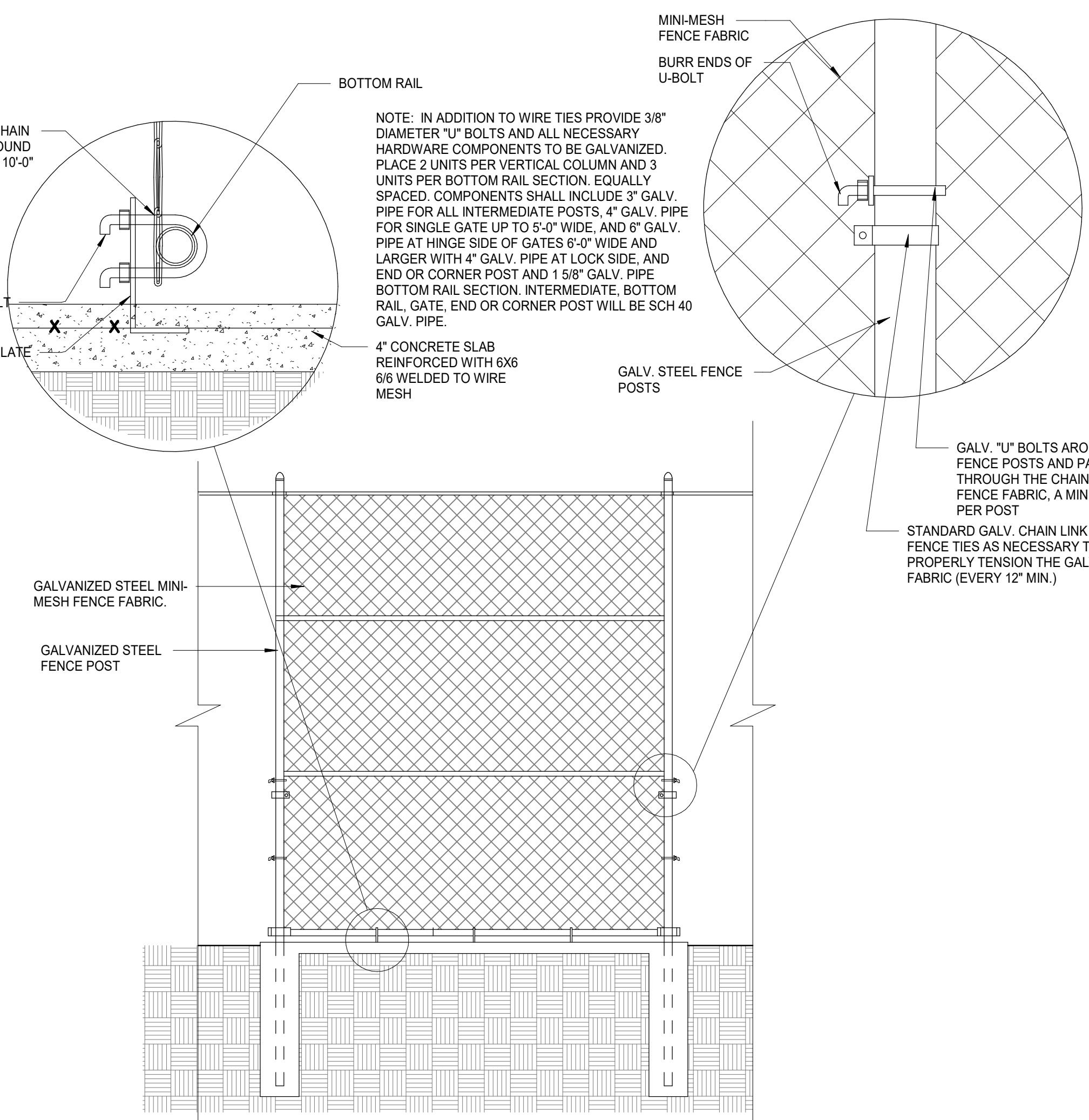
ENLARGED SALLY PORT & SITE DETAILS

SHEET NUMBER

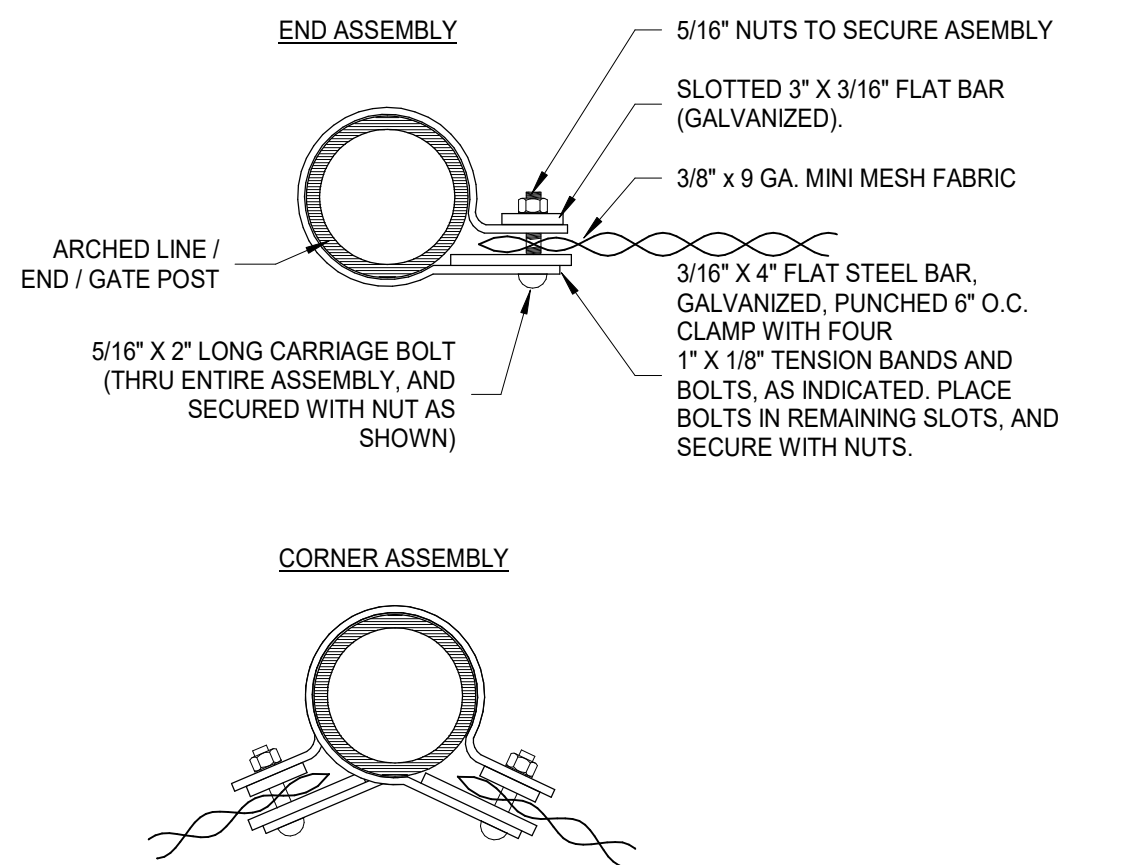
A101



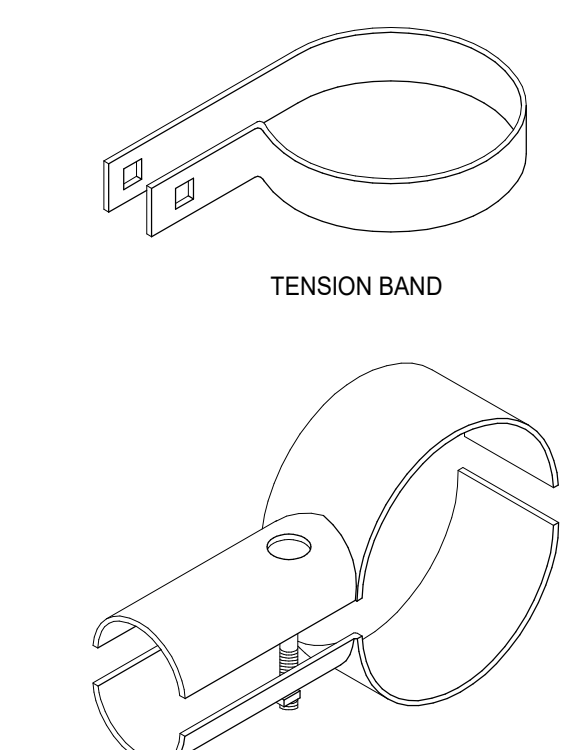
3 SECURITY FENCE GATE ELEVATION - SALLY PORT
3/8" = 1'-0"



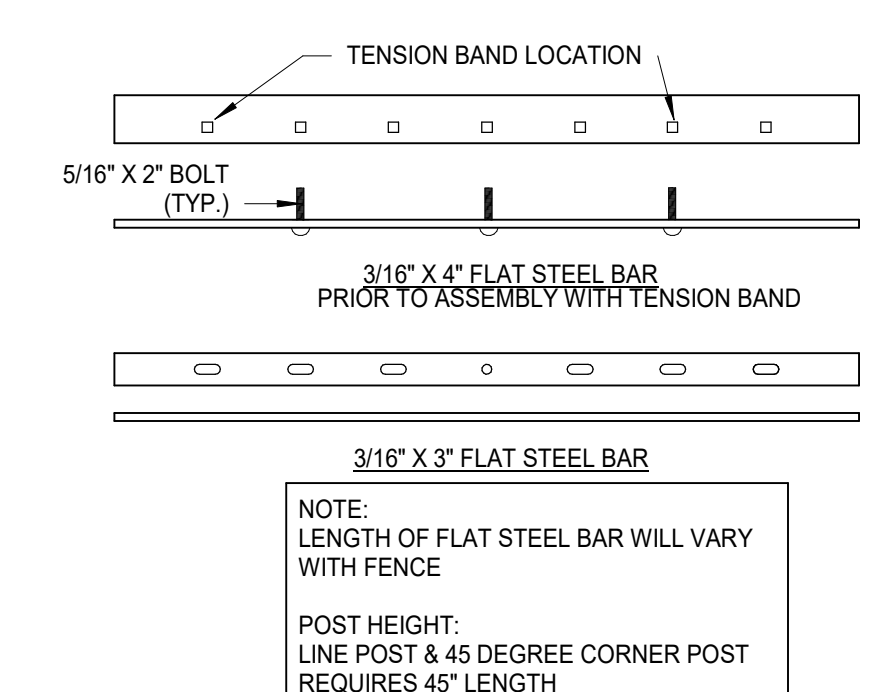
2 SECURITY FENCE ELEVATION - SALLY PORT
3/8" = 1'-0"



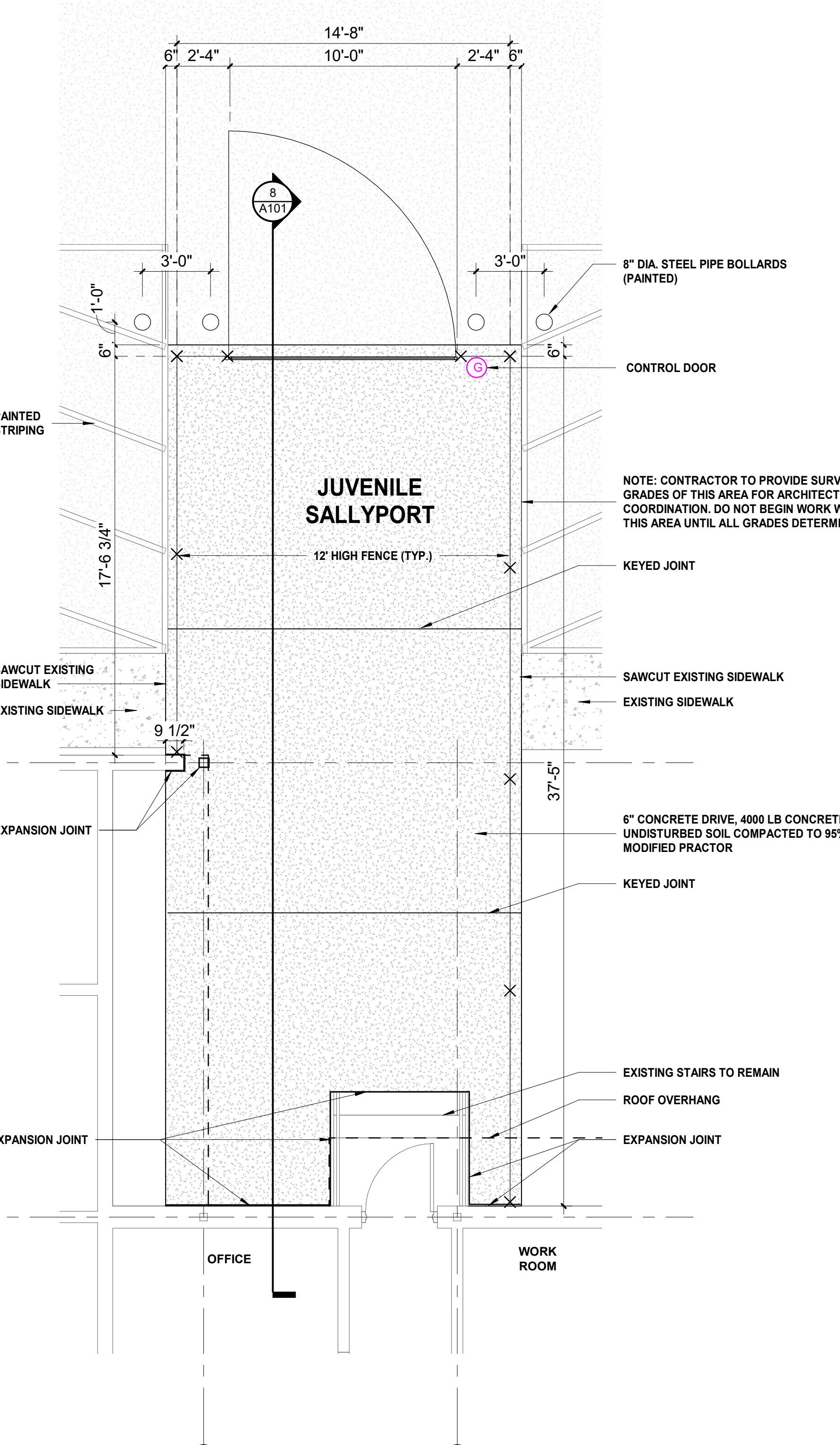
4 SECURITY FENCE DETAIL CORNERS - SALLY PORT
1" = 1'-0"



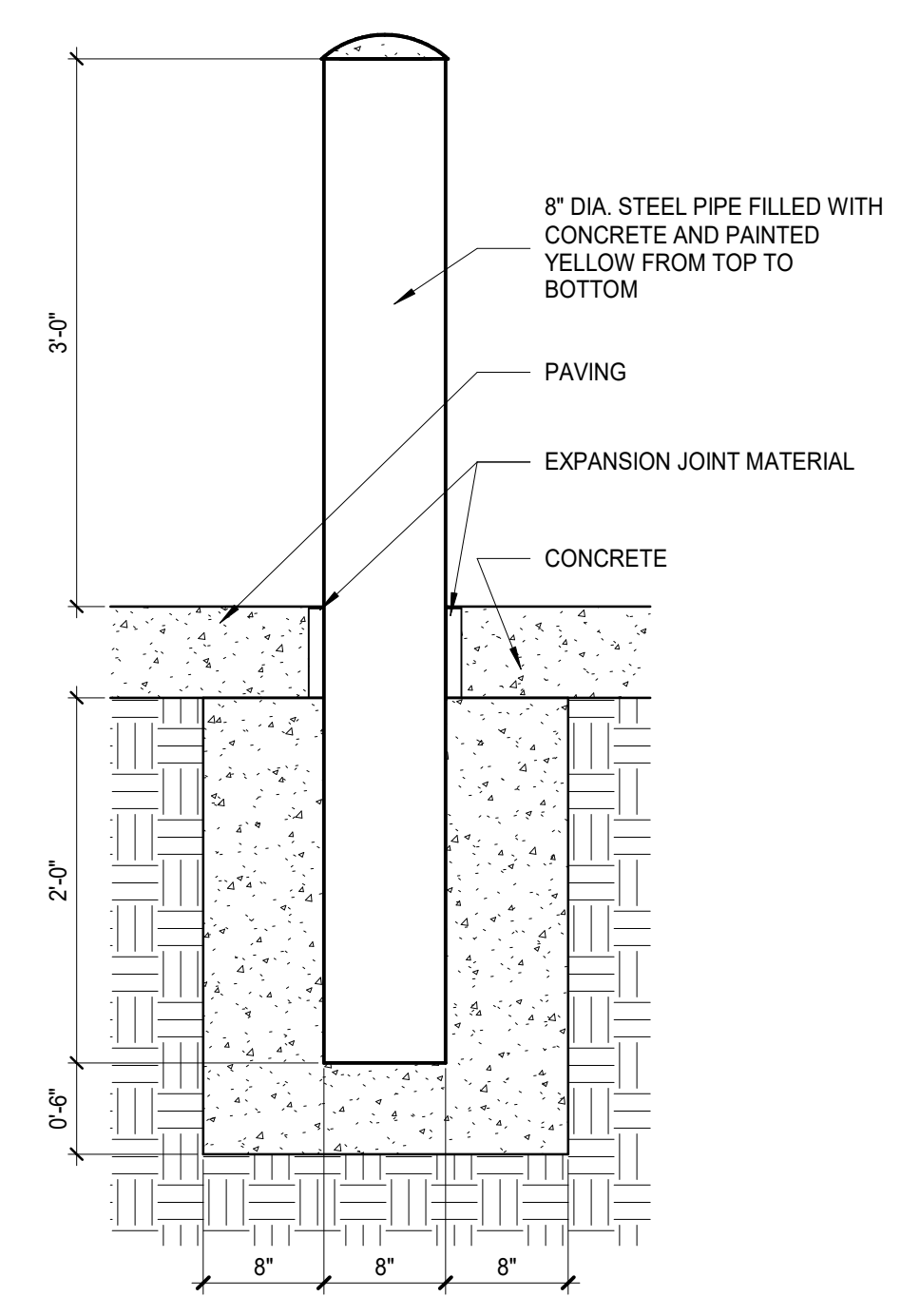
5 SECURITY FENCE DETAIL 2 - SALLY PORT
1/4" = 1'-0"



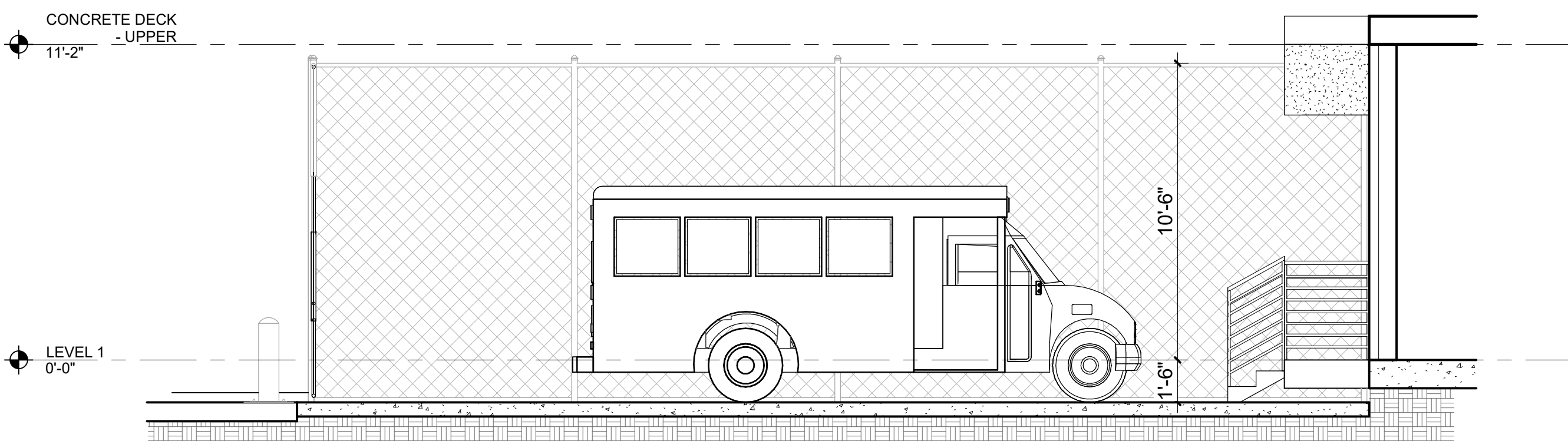
6 SECURITY FENCE DETAIL 3 - SALLY PORT
3/4" = 1'-0"



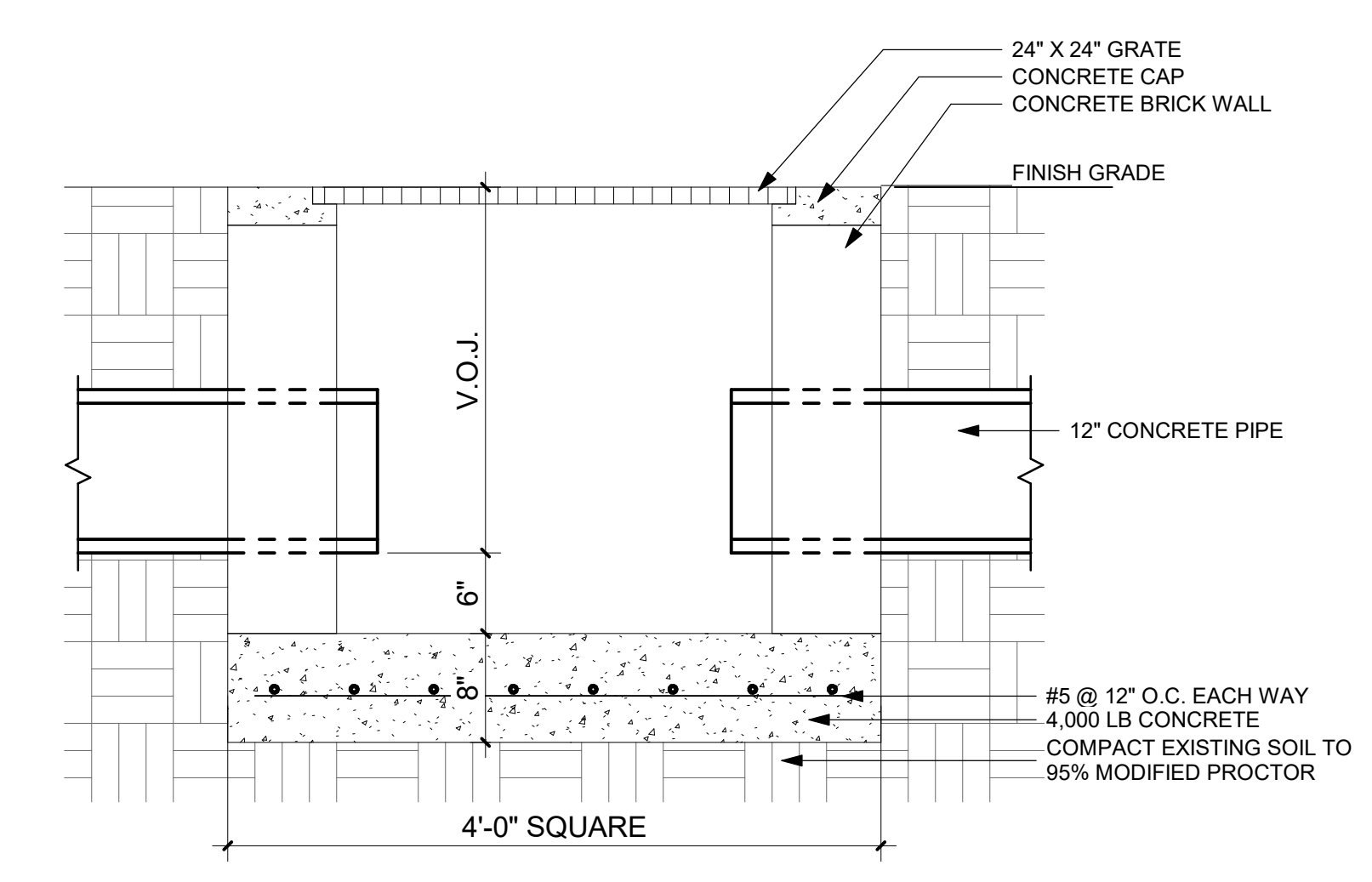
1 OVERALL FLOOR PLAN - SALLY PORT
1/4" = 1'-0"



7 BOLLARD DETAIL - SALLY PORT
1" = 1'-0"



8 SECTION - JUVENILE SALLYPORT
1/4" = 1'-0"



9 CATCH BASIN DETAIL
1" = 1'-0"

11/13/2024 2:55:38 PM: \\sallyport\Drawings\Center - Baton Rouge\Arch - Juvenile Detention Center - BATON ROUGE.LA



10.22.24

THIS SHEET OF DOCUMENTS INCLUDES ALL DRAWINGS, SPECIFICATIONS, AND ADDENDA MAY NOT BE COPIED, REPRODUCED, OR ELECTRONICALLY DISTRIBUTED OR USED FOR CONSTRUCTION WITHOUT THE EXPRESS WRITTEN CONSENT OF GRACE HERBERT CURTIS ARCHITECTS, LLC. NO PART OF ANY ELECTRONIC PLAN SERVICE (INTERPRET PLAN SERVICE) FOR REPRODUCTION SHALL BE PERMITTED TO POST THESE DOCUMENTS WITHOUT THE EXPRESS WRITTEN CONSENT OF THE ARCHITECT, GRACE HERBERT CURTIS ARCHITECTS, LLC.

SEE SHEETS G001/G002 FOR GENERAL NOTES APPLICABLE TO THE ENTIRE DRAWING SET

SECURITY ELECTRONICS LEGEND

- DETENTION CONTROL & MONITOR GATE
- DETENTION CONTROL & MONITOR DOOR
- MONITOR DOOR
- TOUCHSCREEN
- SECURITY EQUIPMENT CABINETS
- INTERCOM
- PAGING SPEAKER RECESSED
- PAGING HORN
- PEDESTAL INTERCOM/CAMERA
- LOOP DETECTOR
- DURESS BUTTON
- FIXED INDOOR IP CAM
- ▲ PAN/TILT/ZOOM INDOOR IP CAM
- FIXED OUTDOOR IP CAM
- ▲ PAN/TILT/ZOOM OUTDOOR IP CAM
- GATE CONTROLLER - TIE CONTROL INTO SECURITY ELECTRONIC SYSTEM
- ▲ SHOWER WATER CONTROL

WALL PARTITION TYPE

- TYPE A3 3 5/8" METAL STUD
- TYPE G3 3 5/8" METAL STUD, ONE SIDE GYP
- TYPE K8 8" CMU

SECURITY ELECTRONIC NOTES:

- ALL CONDUIT SHALL BE NEW CONDUIT RUNS.
- ALL EXISTING DOOR CONTROLS SHALL BE TIED INTO NEW CONTROLS.
- REFER TO SHEET A101 FOR ADDITIONAL GATE DETENTION LOCK & CONTROL.
- INTERCOM CONDUIT FOR SLEEPING ROOMS SHALL RUN EXPOSED ON WALL IN CORRIDOR OR PLUMBING CHASE THRU WALL TO NEW INTERCOM BOX WHICH HAS TO BE RECESSED INTO EXISTING BLOCK WALL CUT BLOCK AS REQUIRED.
- ALL DEVICES INDICATED ARE NEW.
- REMOVE ALL UNUSED CONDUIT.

DOOR INSTALLATION NOTES:

- SAW CUT JAMB OF DOOR TO INDICATED WIDTH, INSTALL 12 GA. FRAME & WELD. INSTALL DOOR FRAME & DOOR WITH LOCKSET. THE ABOVE SHALL BE COMPLETED ON ALL EXTERIOR DOORS AND INTERIOR DOORS ON ALL OCCUPIED AREAS.
- SHORE ALL WORK AS REQUIRED UNTIL DOOR FRAME INSTALLED AND 12 GA. & DOOR WELDED IN PLACE.

CONSTRUCTION DOCUMENTS

**EAST BATON ROUGE JUVENILE
DETENTION CENTER RENOVATIONS**
8333 VETERANS MEMORIAL BLVD.
Baton Rouge, LA 70807

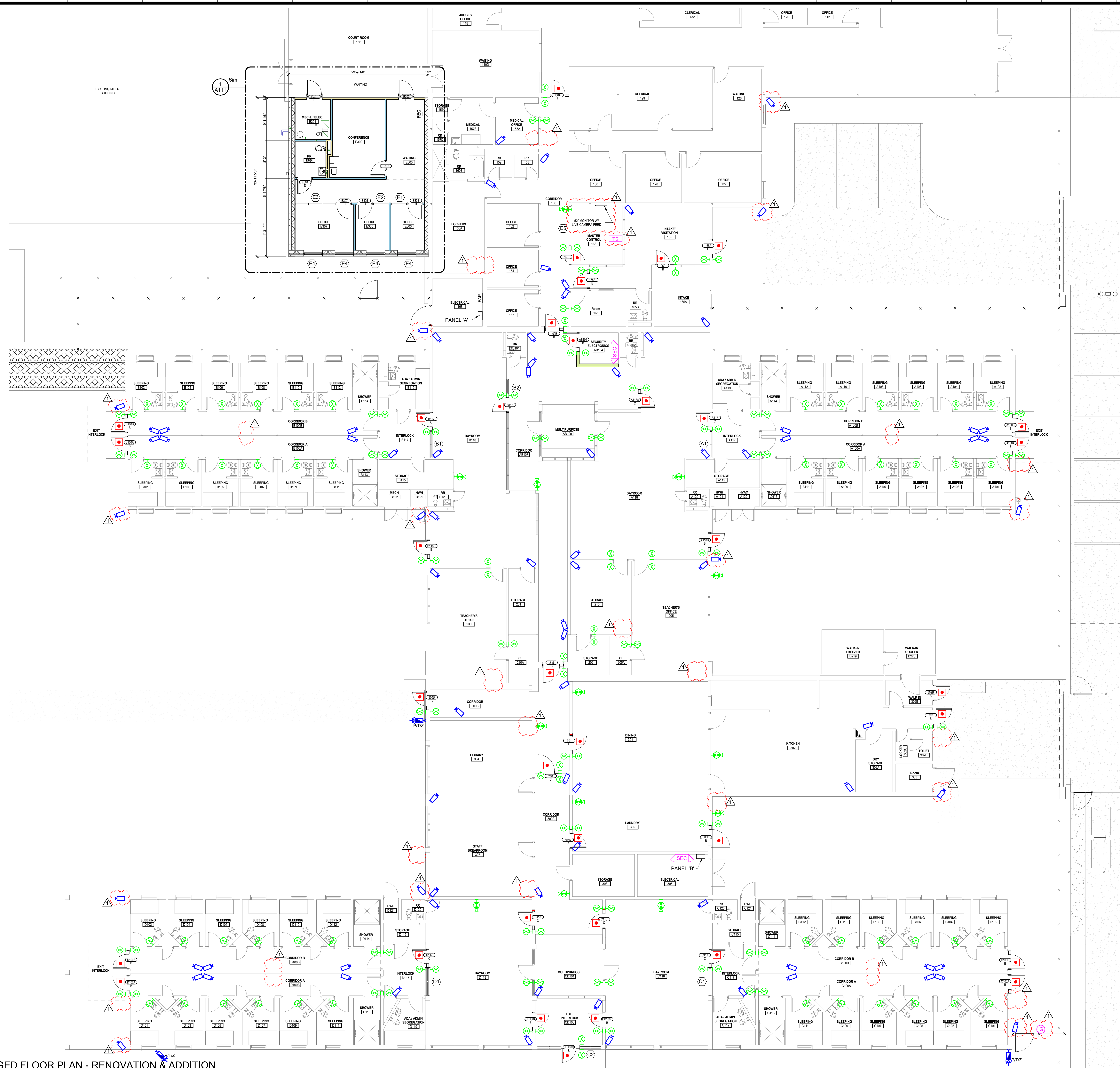
NO.	DESCRIPTION	DATE
1	Addendum 001	11/04/2024

DATE: 10/24/2024
 PHASE: CD
 ISSUED FOR: BIDDING
 PROJECT NO: 5024102

ENLARGED FLOOR PLAN

SHEET NUMBER

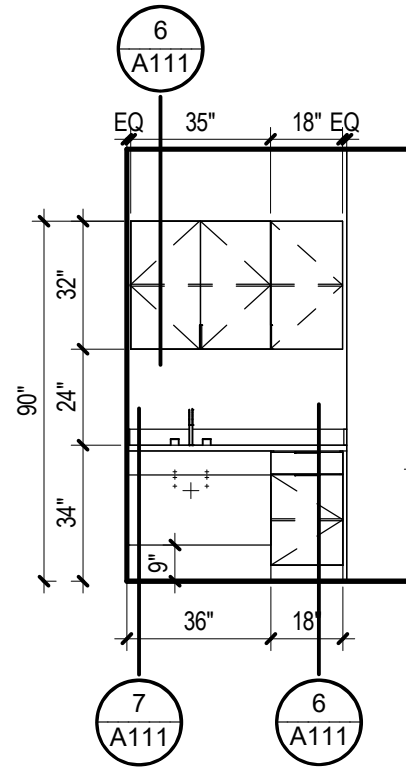
A110



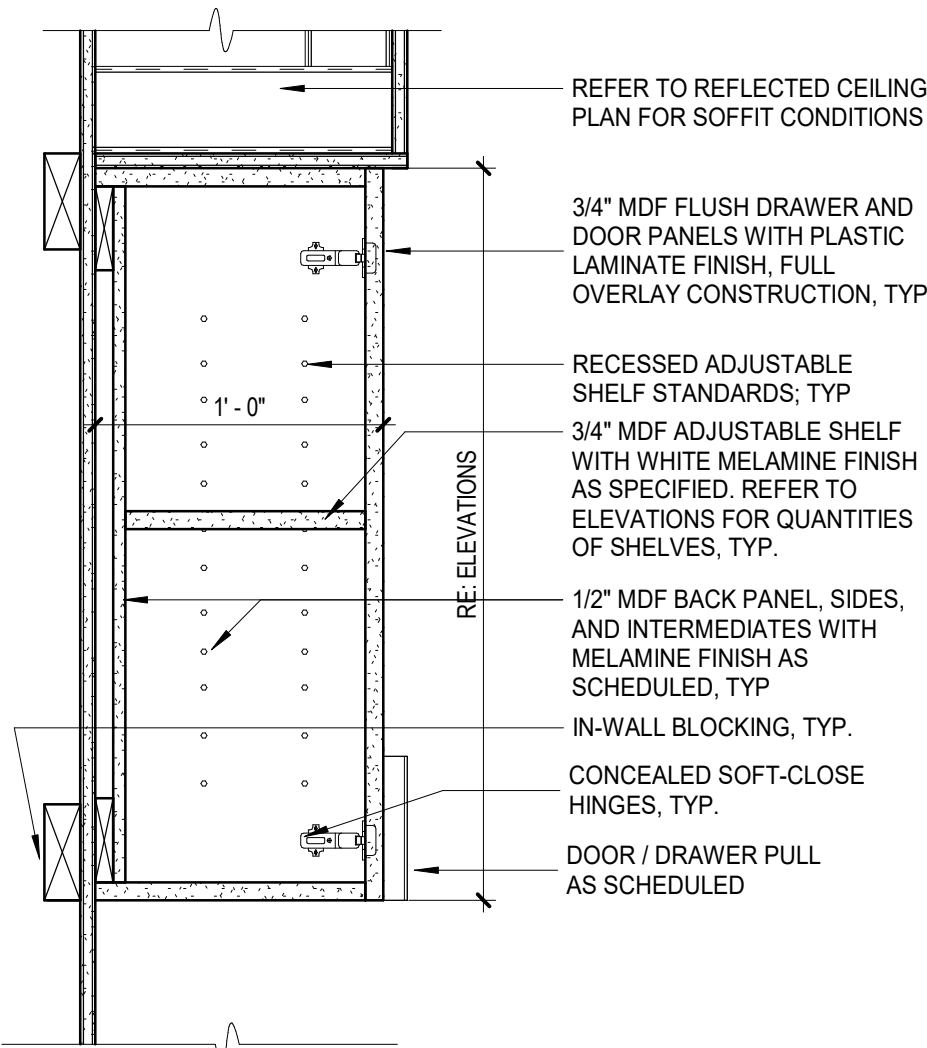
1 ENLARGED FLOOR PLAN - RENOVATION & ADDITION
1/8" = 1'-0"

Architect: Grace Hebert Curtis Architects, LLC - Baton Rouge/Arch. Juvenile Detention Center - BATON ROUGE, LA
11/02/2024 9:15:20 PM

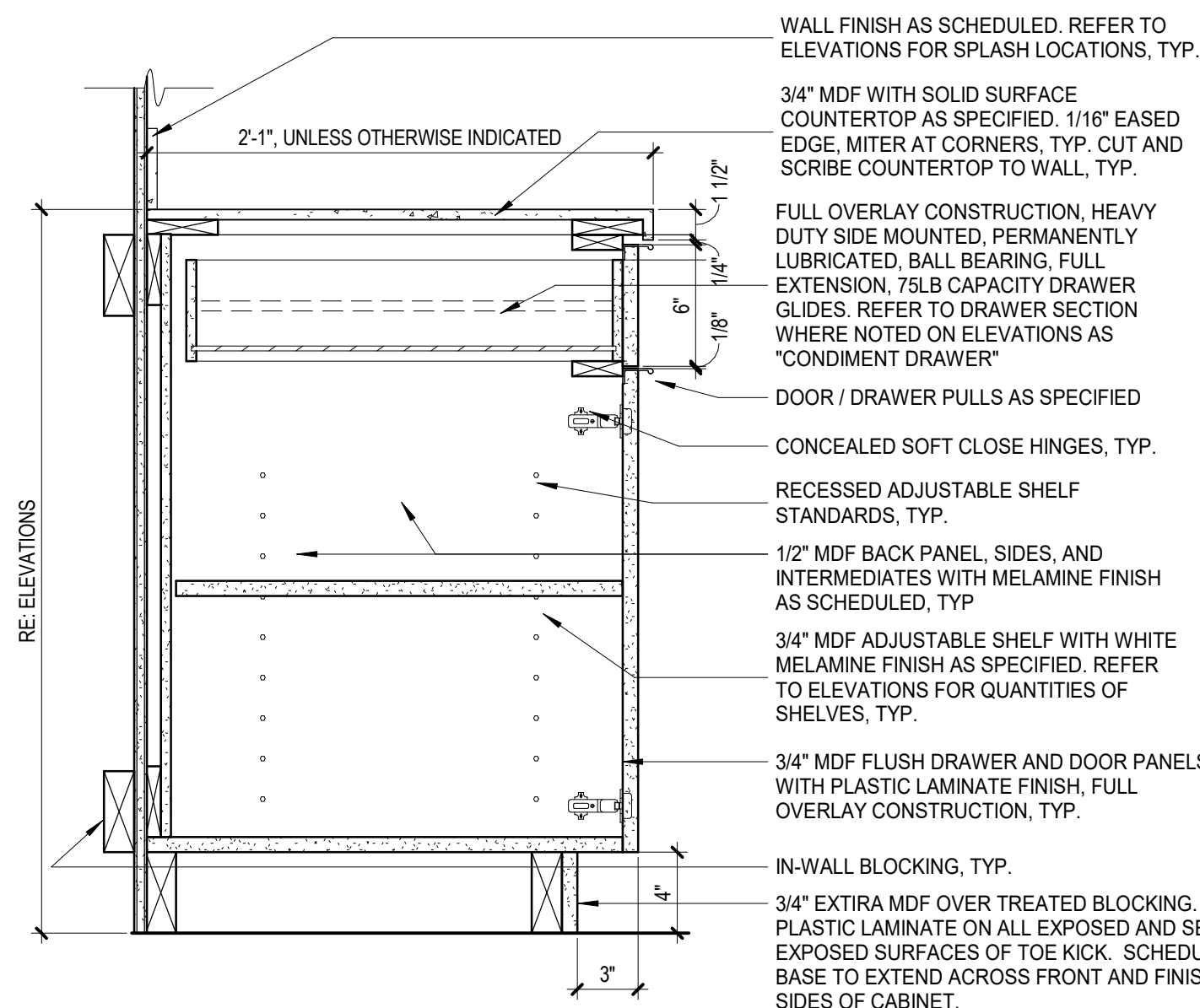
WALL PARTITION TYPE	
	TYPE A3 3 5/8" METAL STUD
	TYPE G3 3 5/8" METAL STUD, ONE SIDE GYP
	TYPE K8 8" CMU



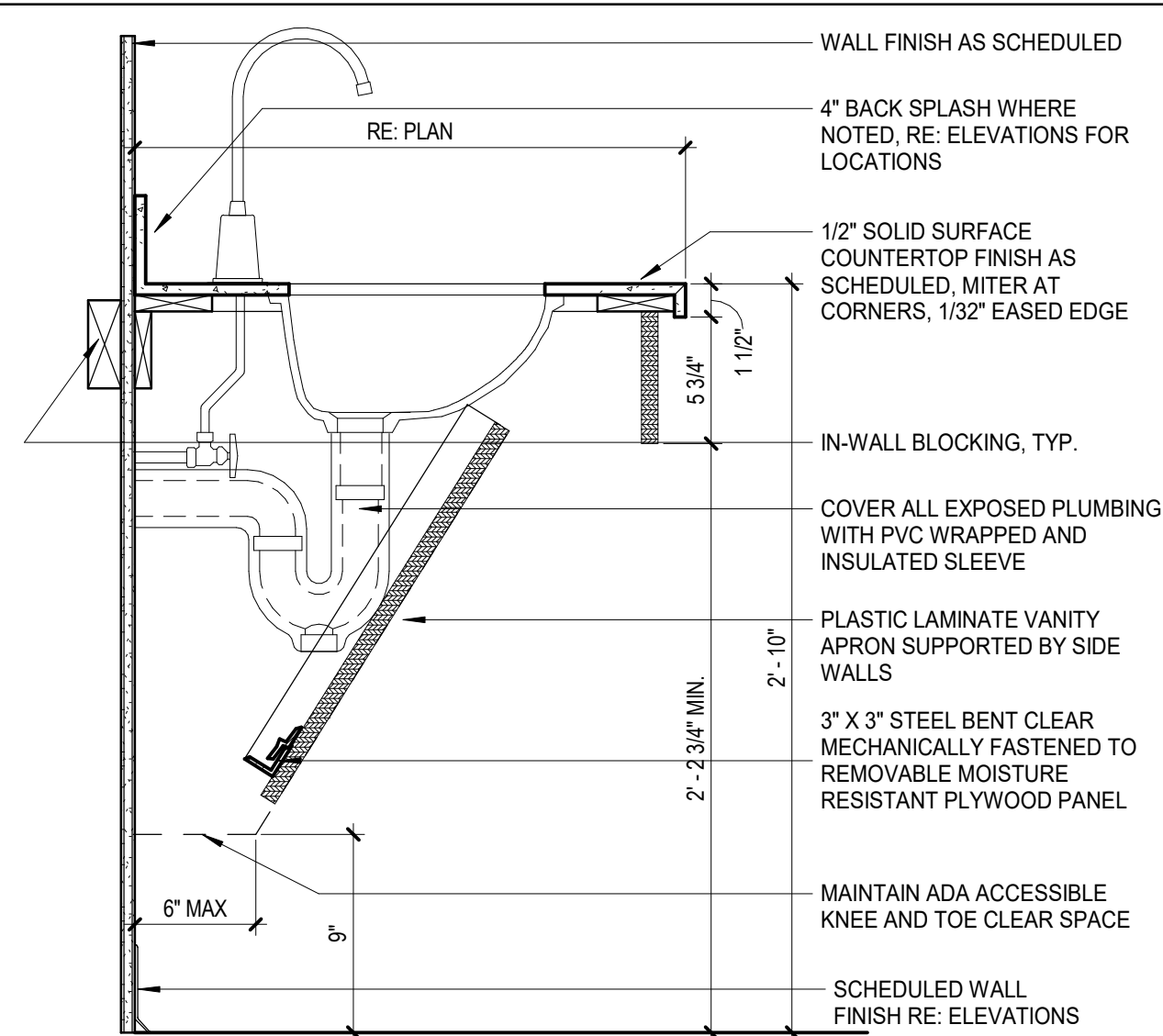
4 CONFERENCE E302
1/4" = 1'-0"



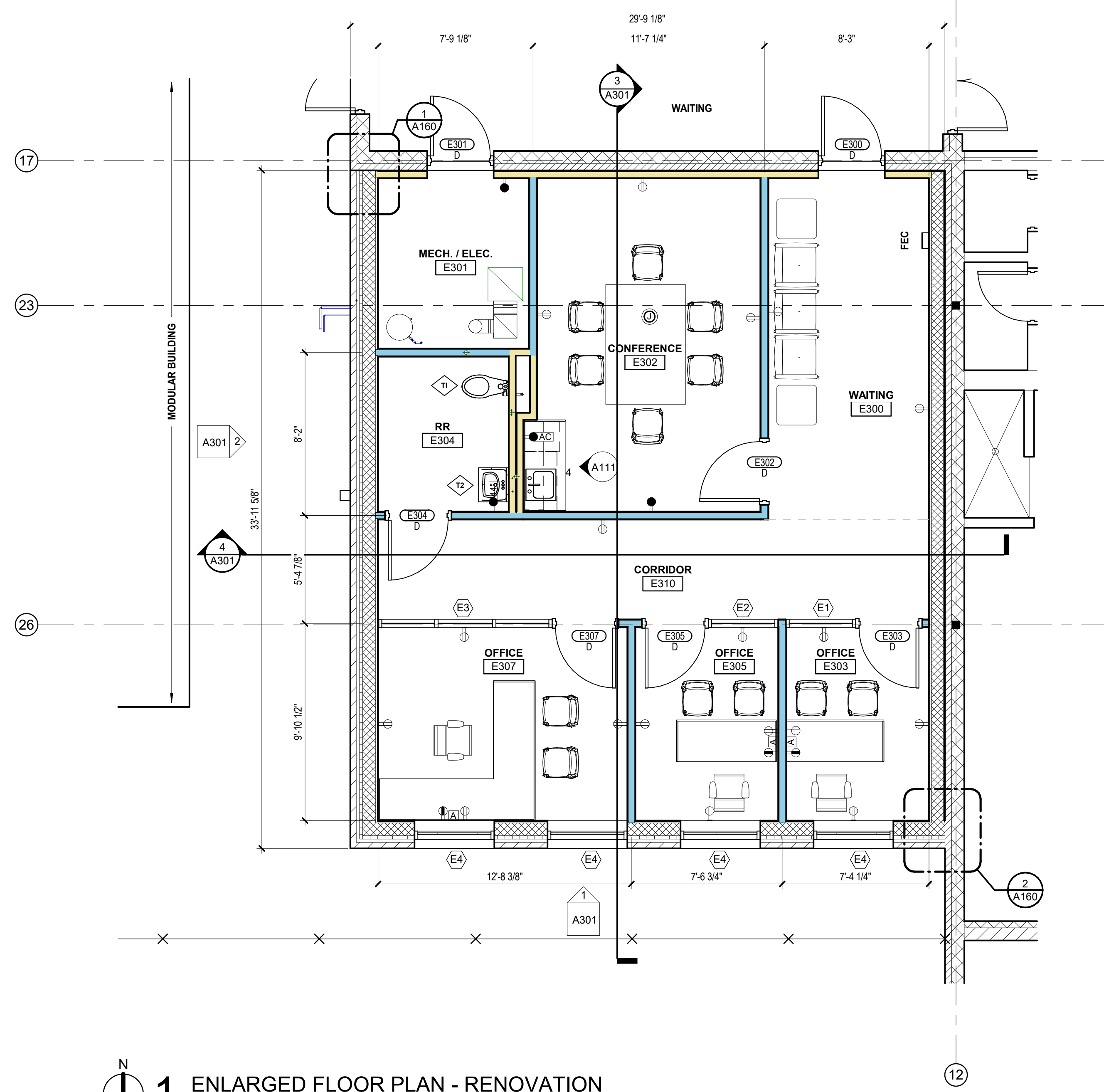
6 UPPER CAB - DOOR 1'-0"
1 1/2" = 1'-0"



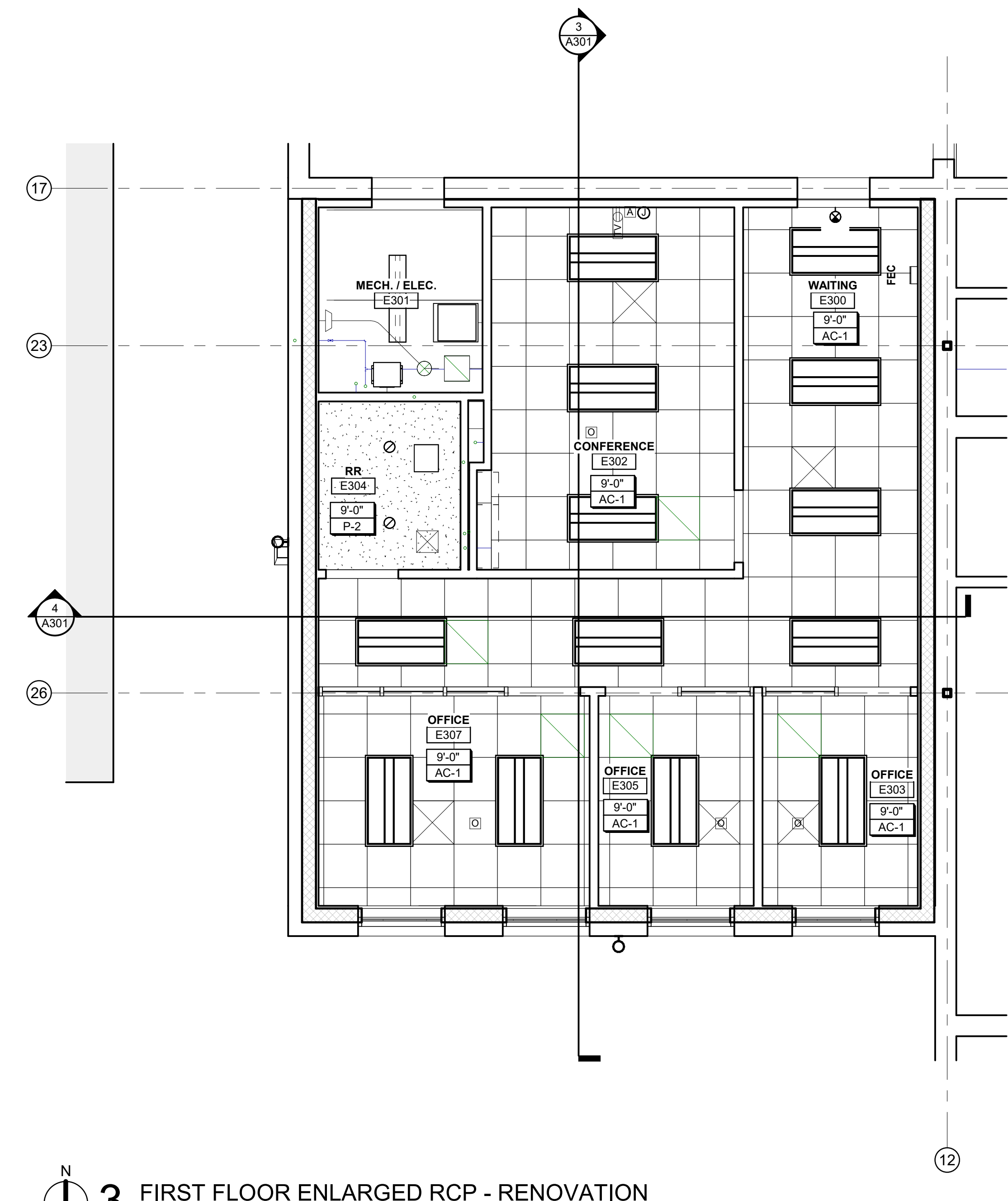
5 BASE CAB - SSM TOP DRAWER & DOOR
1 1/2" = 1'-0"



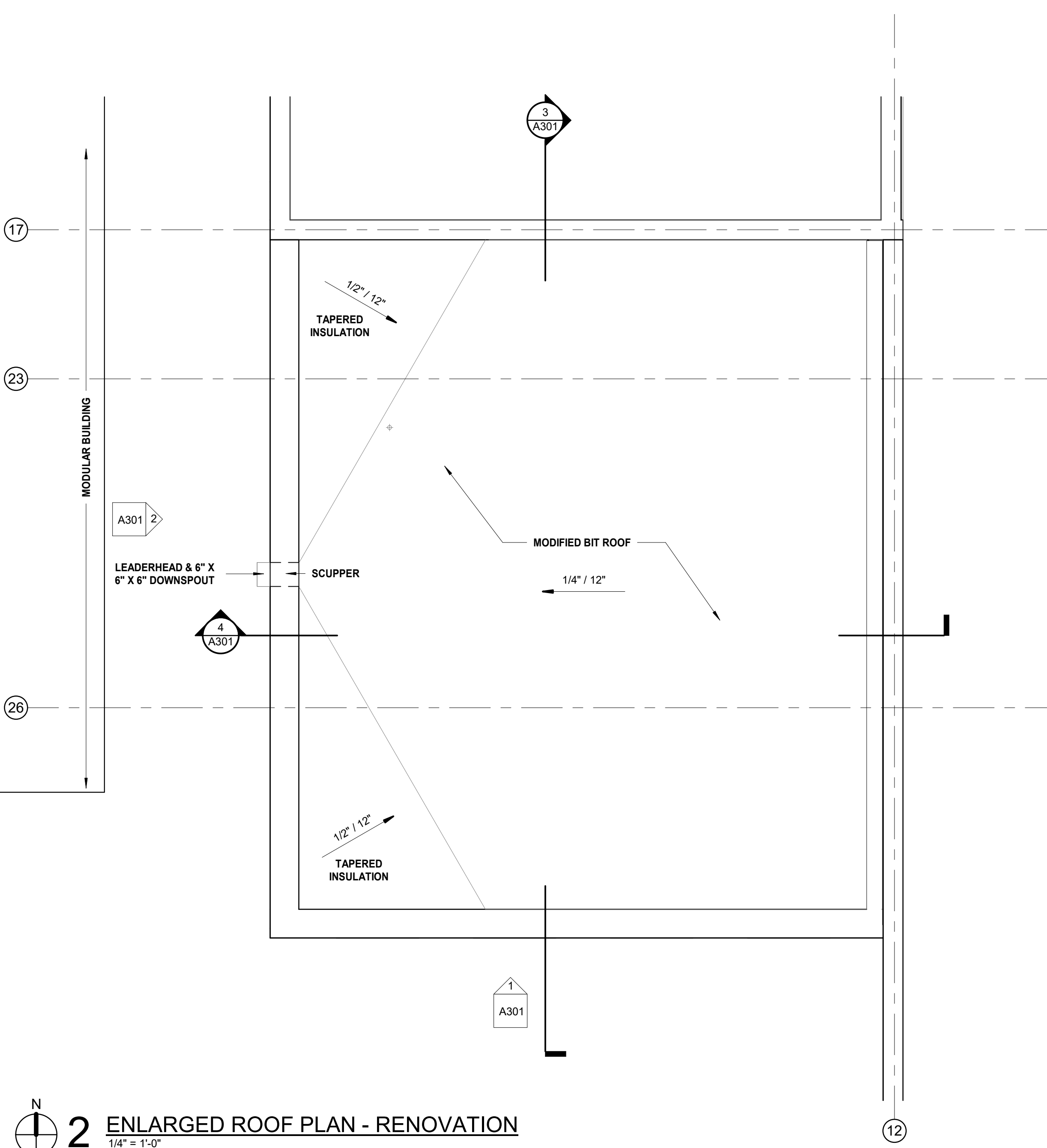
7 BASE CAB - SSM TOP SINK PLAM APRON
1 1/2" = 1'-0"



1 ENLARGED FLOOR PLAN - RENOVATION
1/4" = 1'-0"



3 FIRST FLOOR ENLARGED RCP - RENOVATION
1/4" = 1'-0"



2 ENLARGED ROOF PLAN - RENOVATION
1/4" = 1'-0"

FINISHES - ALL NEW ROOMS:
 LVT-1: LUXURY VINYL TILE (COLOR SELECTED FROM MANUFACTURER'S STANDARDS)
 RB-1: RUBBER BASE (COLOR SELECTED FROM MANUFACTURER'S STANDARDS)
 PAINT COLORS TO BE SELECTED FROM MANUFACTURER'S STANDARDS
 AC-1: CEILING TILE



GRACE HEBERT CURTIS ARCHITECTS, L.L.C.
 10.22.24
 SEE SHEETS G001/G002 FOR GENERAL NOTES APPLICABLE TO THE ENTIRE DRAWING SET

CONSTRUCTION DOCUMENTS

EAST BATON ROUGE JUVENILE DETENTION CENTER RENOVATIONS
 8333 VETERANS MEMORIAL BLVD.
 Baton Rouge, LA 70807

NO.	DESCRIPTION	DATE
1	Addendum 001	11/04/2024

DATE: 10/24/2024
 PHASE: CD
 ISSUED FOR: BIDDING
 PROJECT NO: 5024102

ENLARGED FLOOR PLAN, RCP, ROOF, MILLWORK

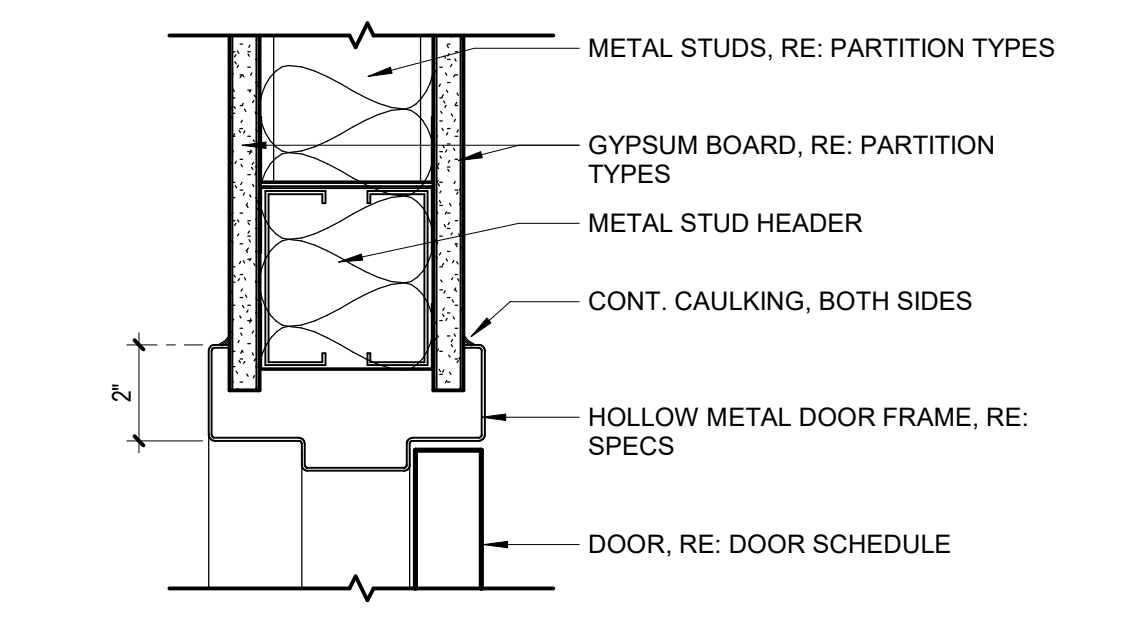
SHEET NUMBER
A111

NO.	DESCRIPTION	DATE
1	Addendum 001	11/04/2024

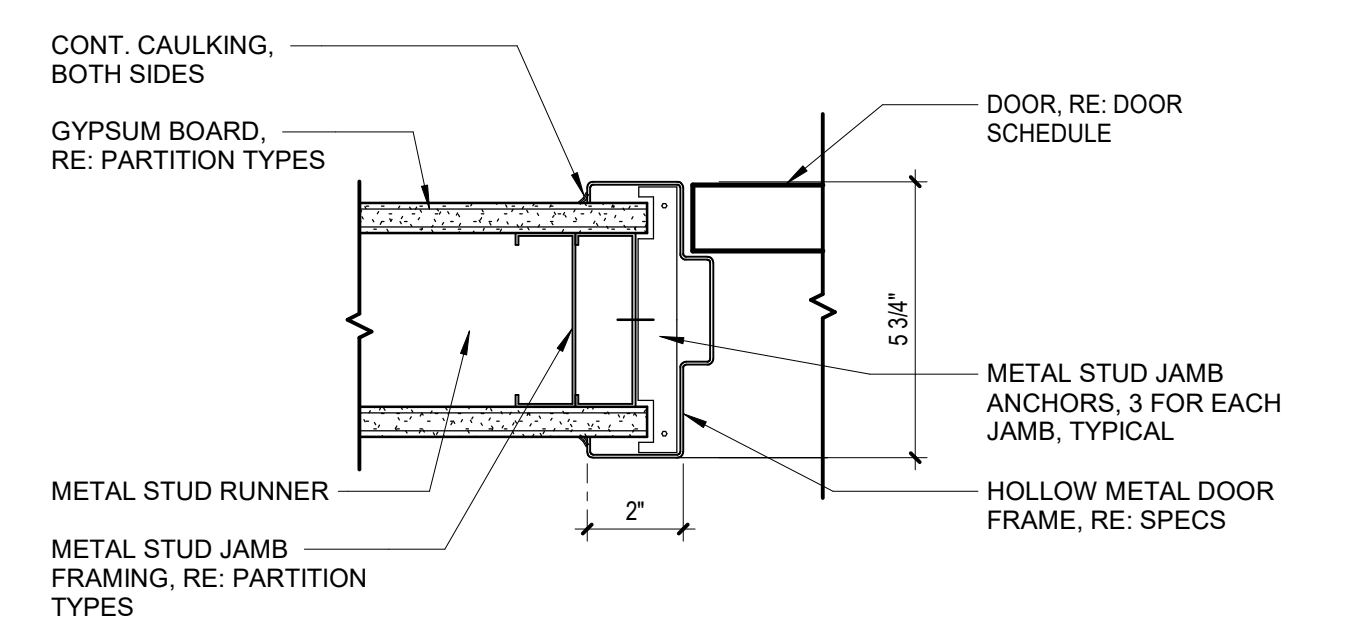
DATE: 10/24/2024
PHASE: CD
ISSUED FOR: BIDDING
PROJECT NO: 5024102

DOOR DETAILS

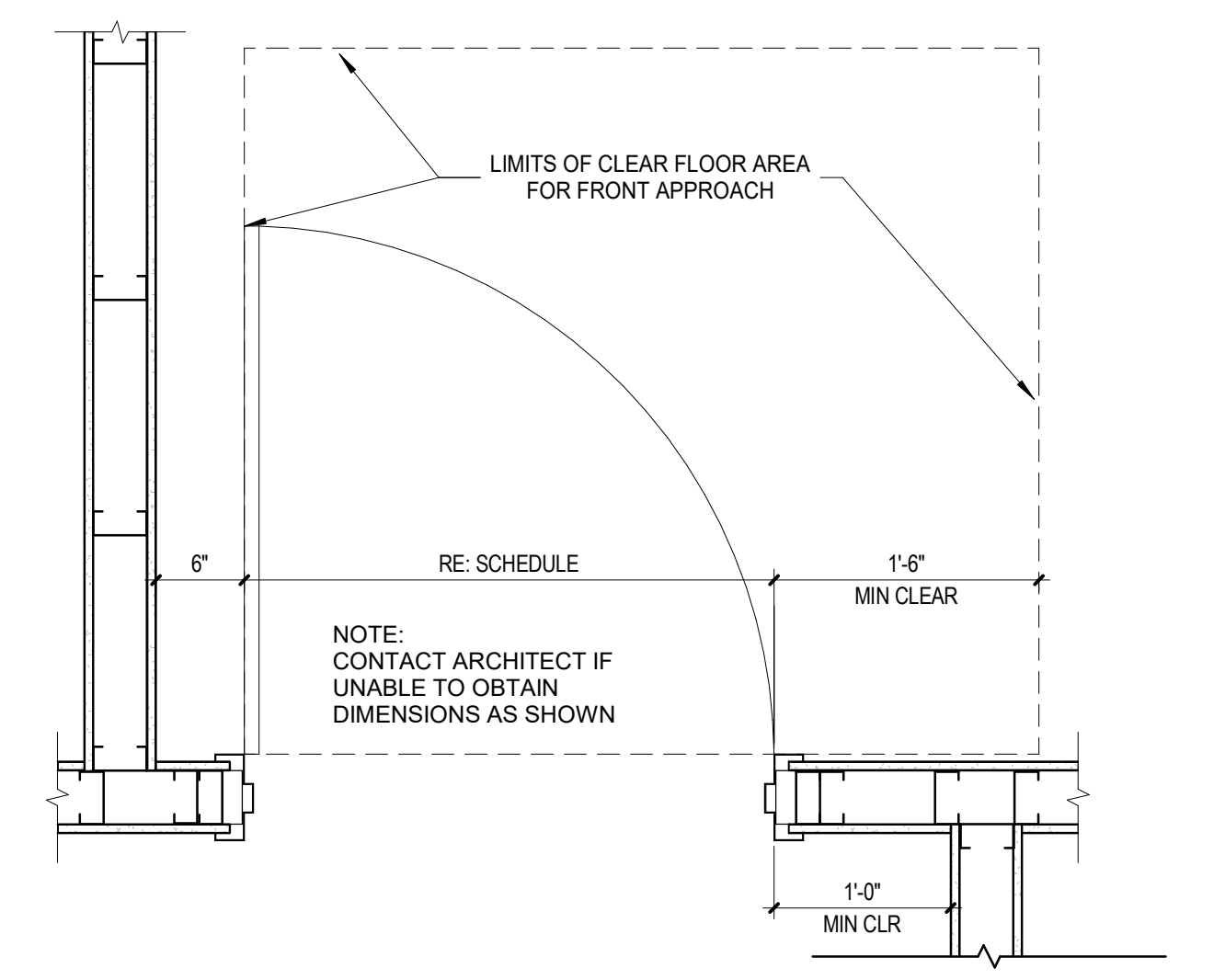
SHEET NUMBER
A602



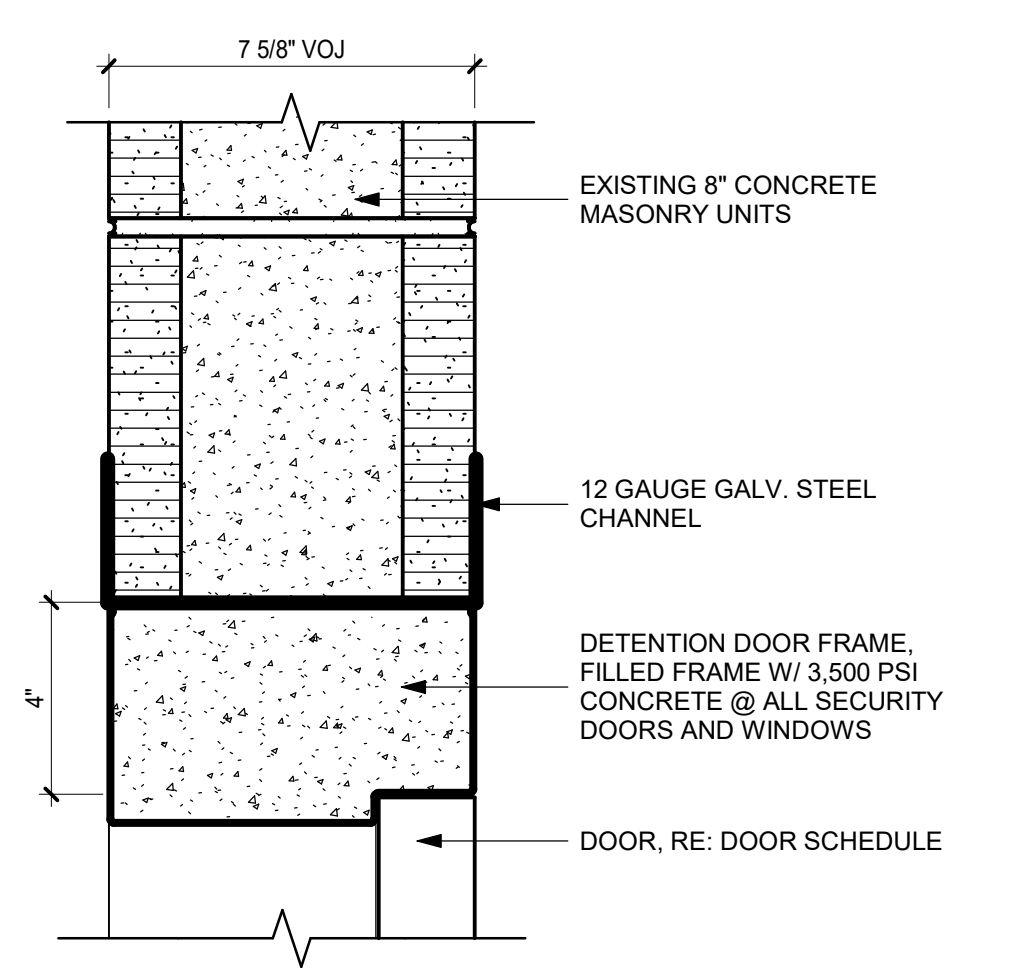
13 DOOR DETAIL - INT. H.M. HEAD
3" = 1'-0"



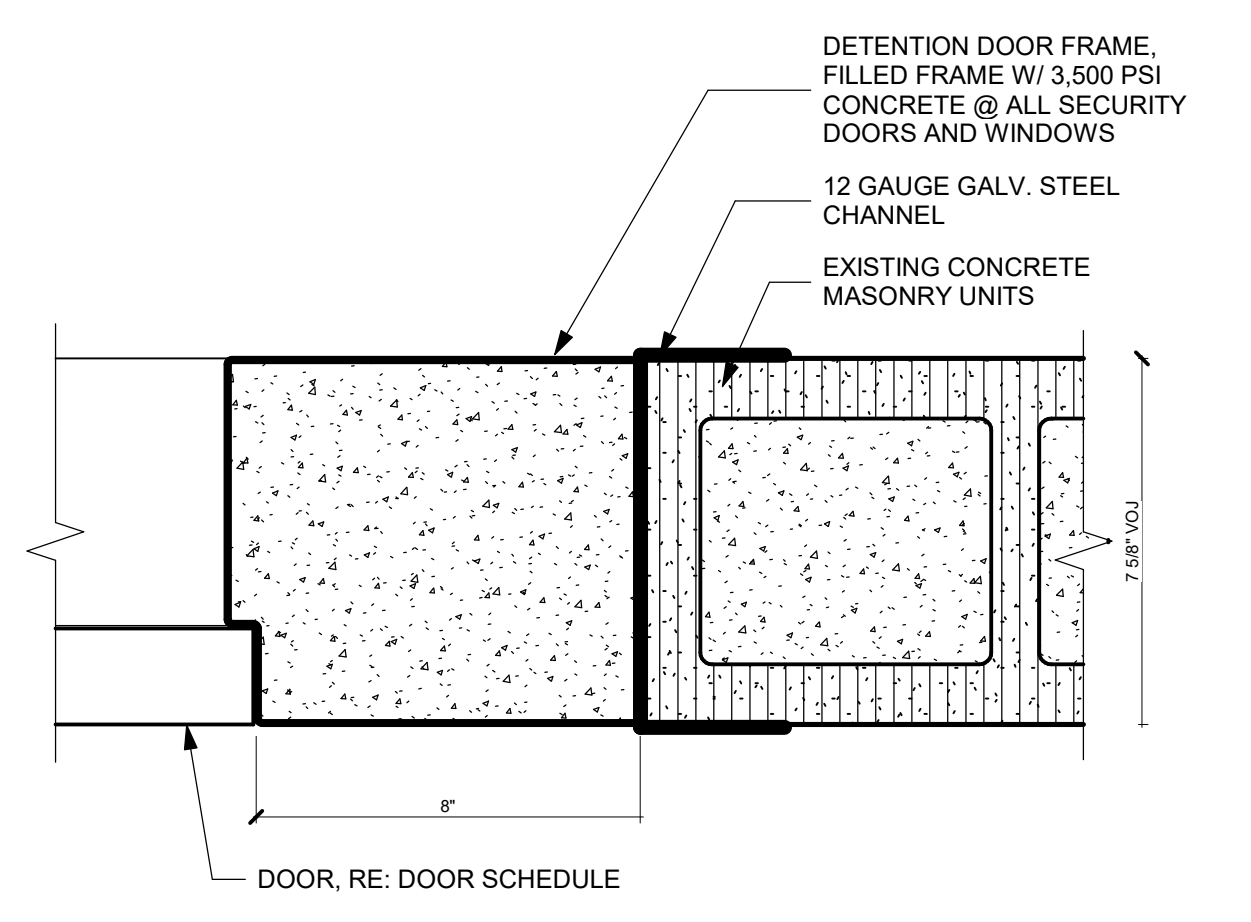
14 DOOR DETAIL - INT. H.M. JAMB
3" = 1'-0"



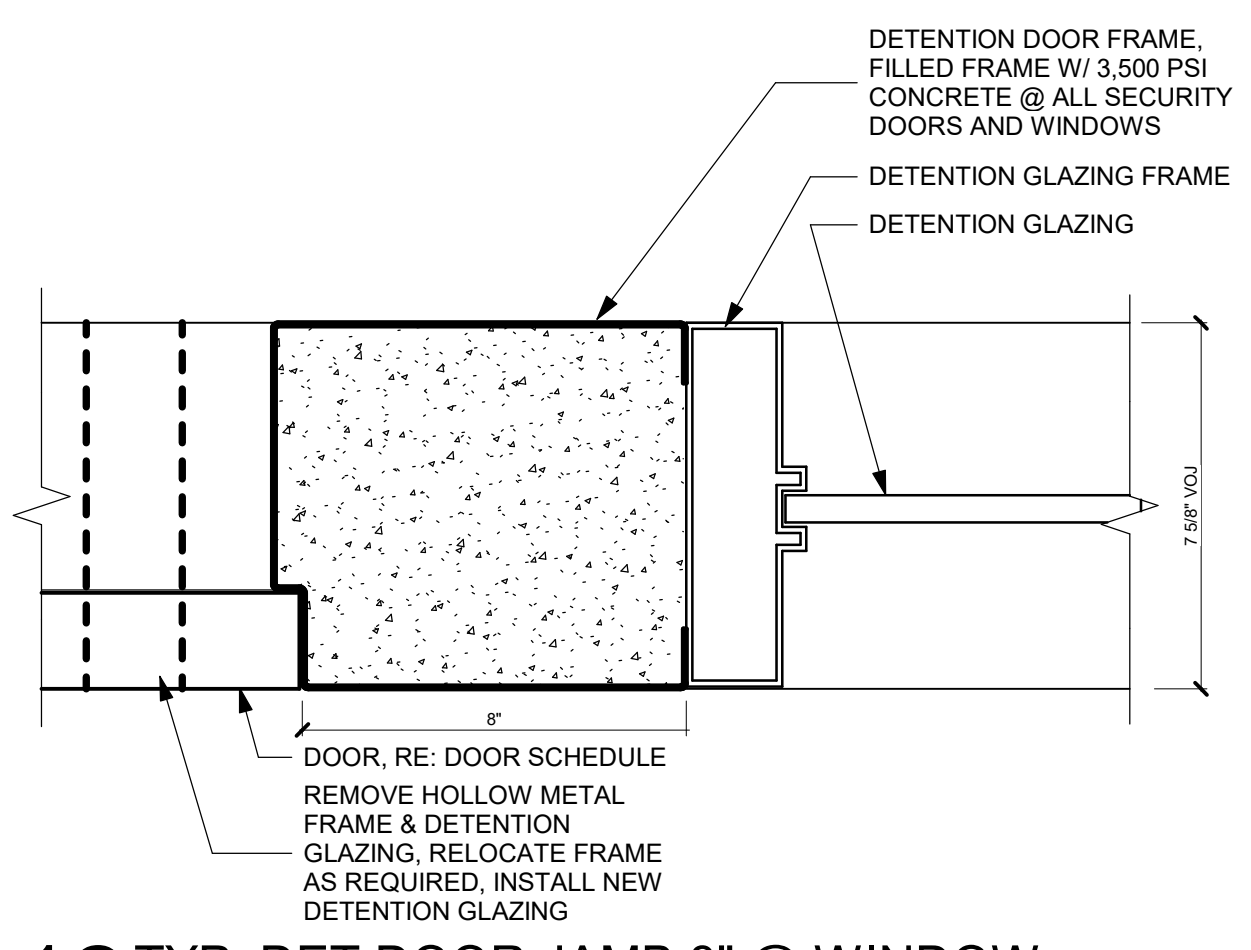
15 TYPICAL DOOR LAYOUT
1" = 1'-0"



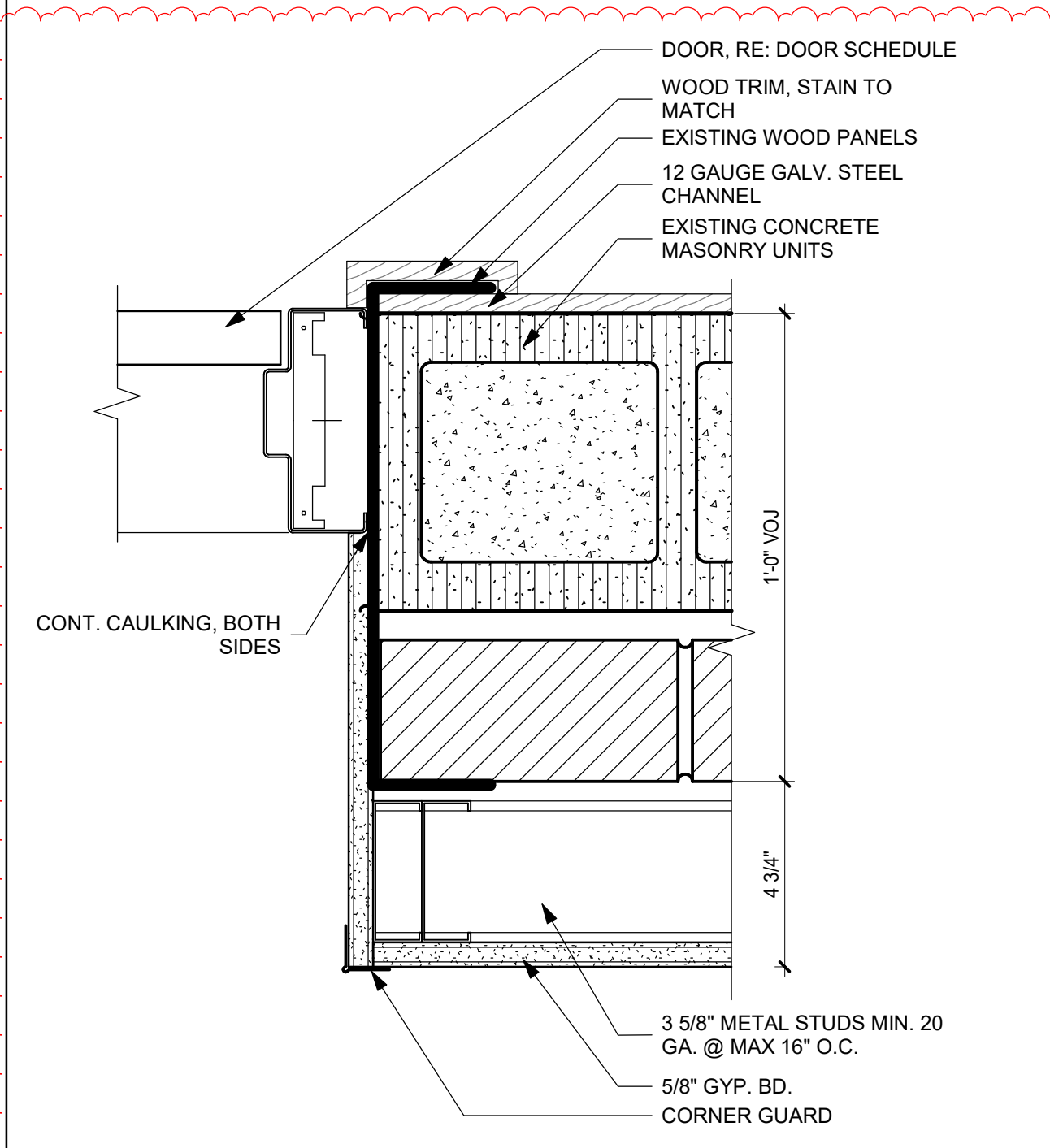
10 TYP. DET DOOR HEAD 4" @ 8" BLOCK
3" = 1'-0"



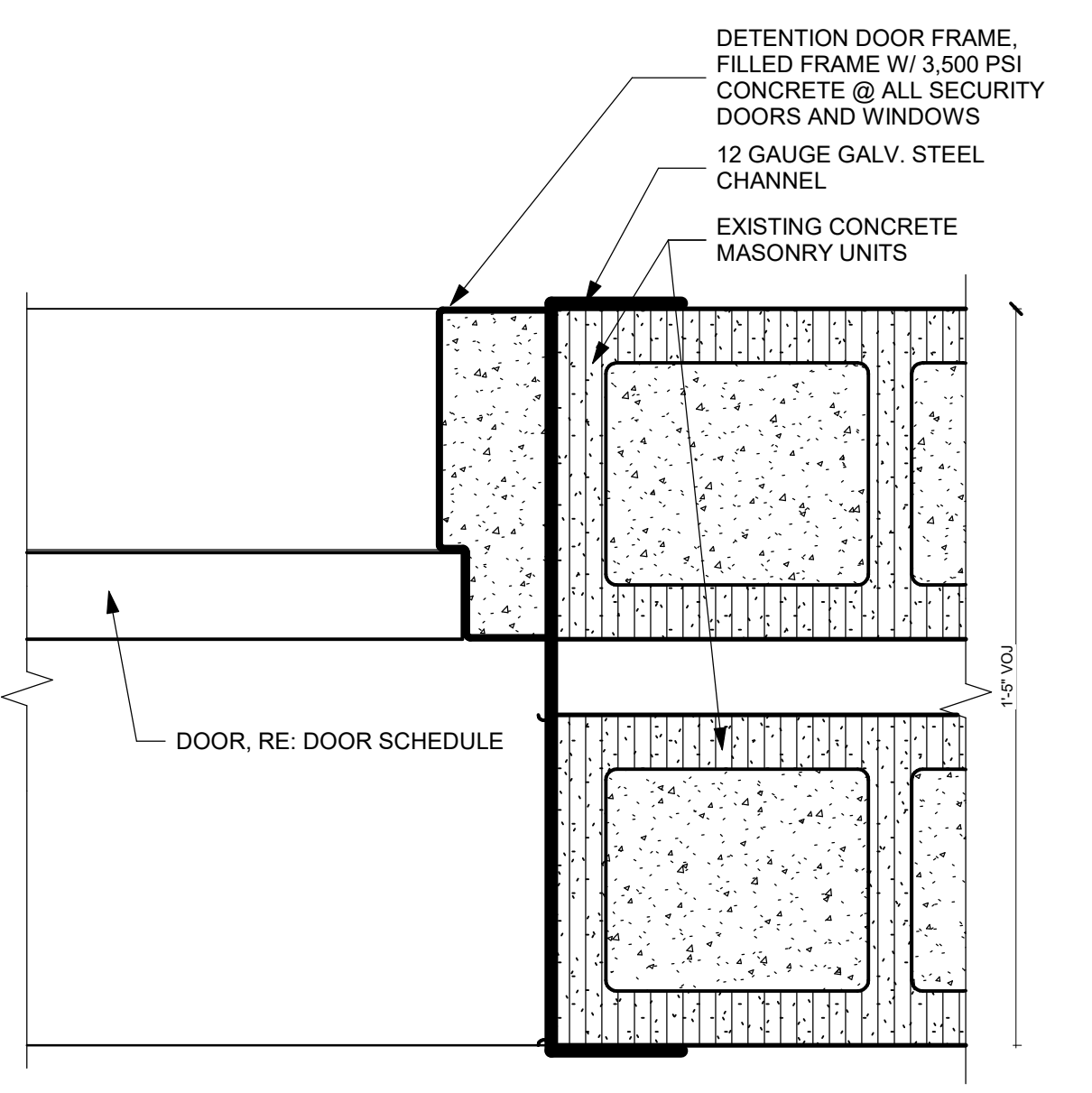
11 TYP. DET DOOR JAMB 8" @ 8" BLOCK
3" = 1'-0"



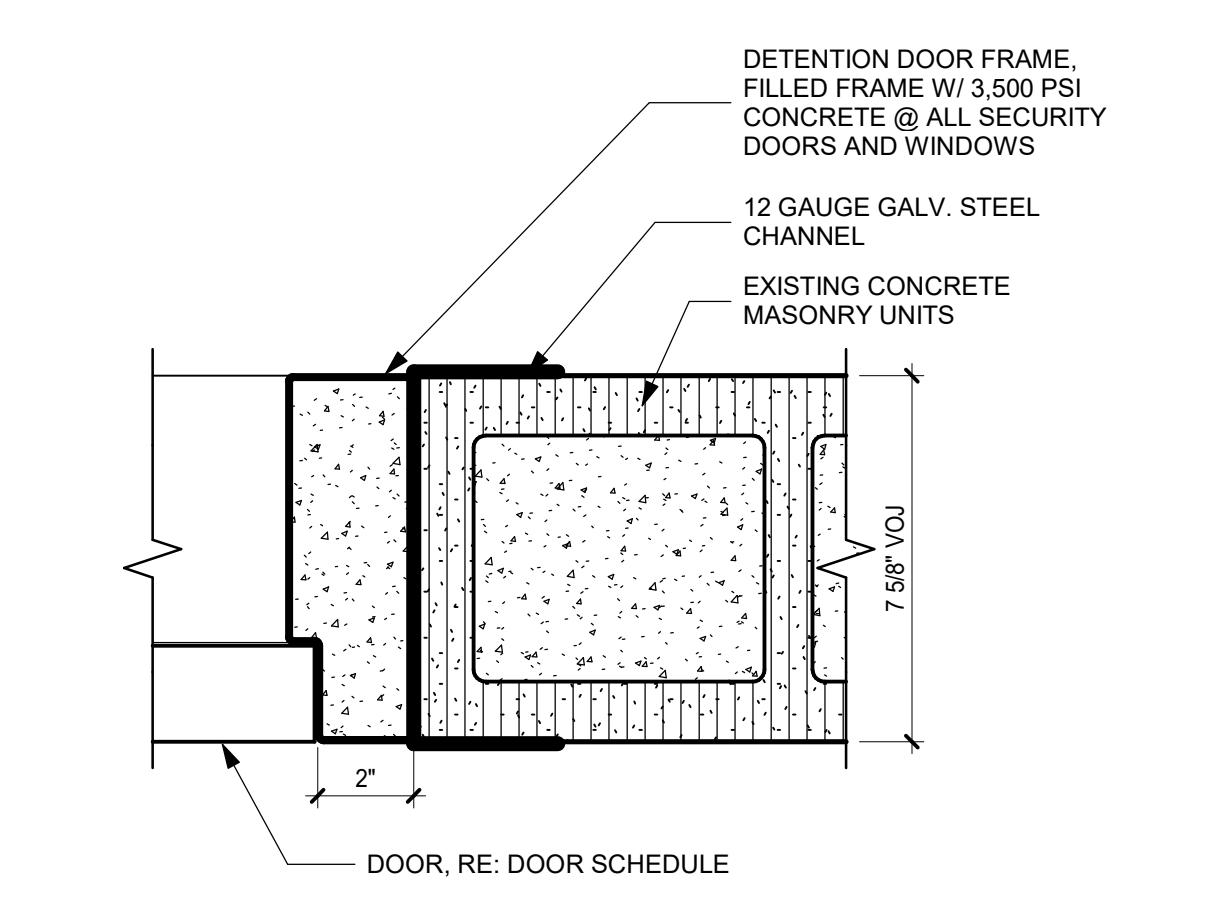
12 TYP. DET DOOR JAMB 8" @ WINDOW
3" = 1'-0"



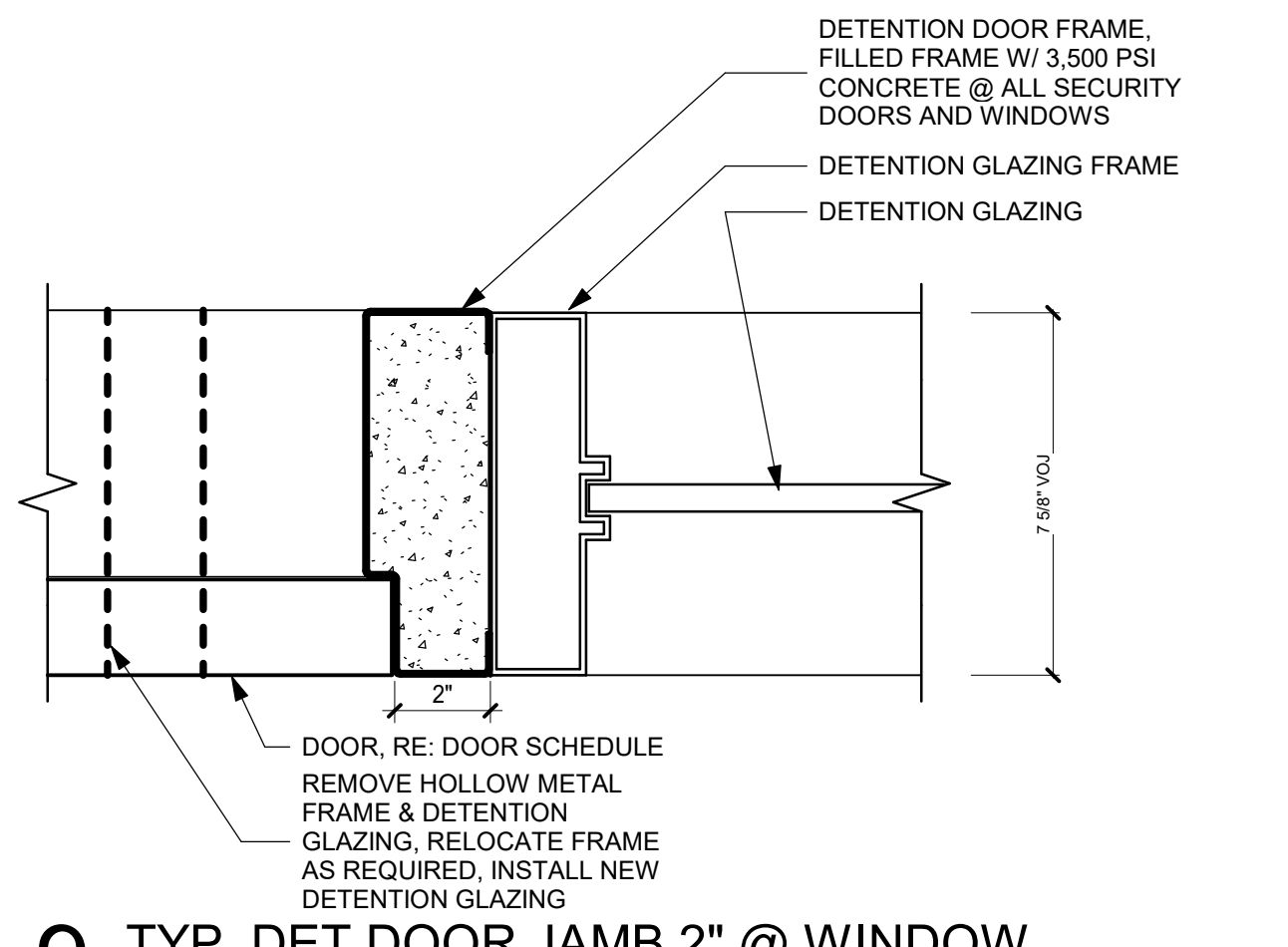
18 TYP. DET DOOR JAMB @ COURT WAITING
3" = 1'-0"



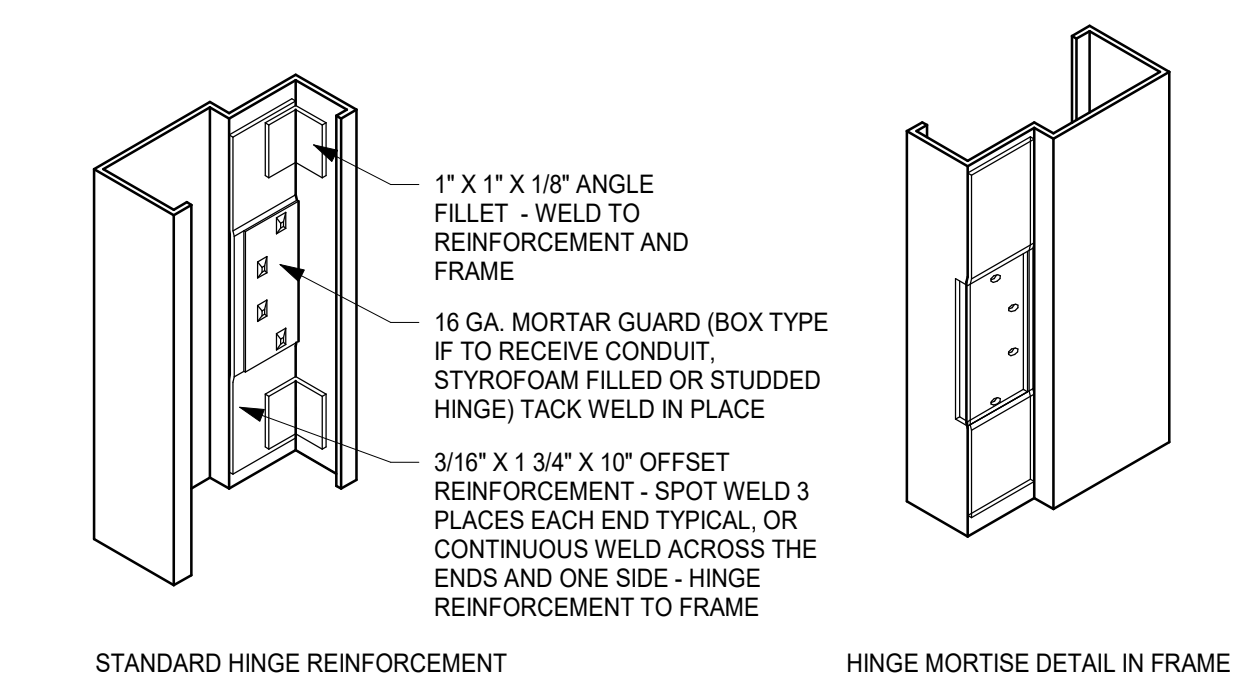
7 TYP. DET DOOR JAMB 2" @ (2) 8" BLOCK
3" = 1'-0"



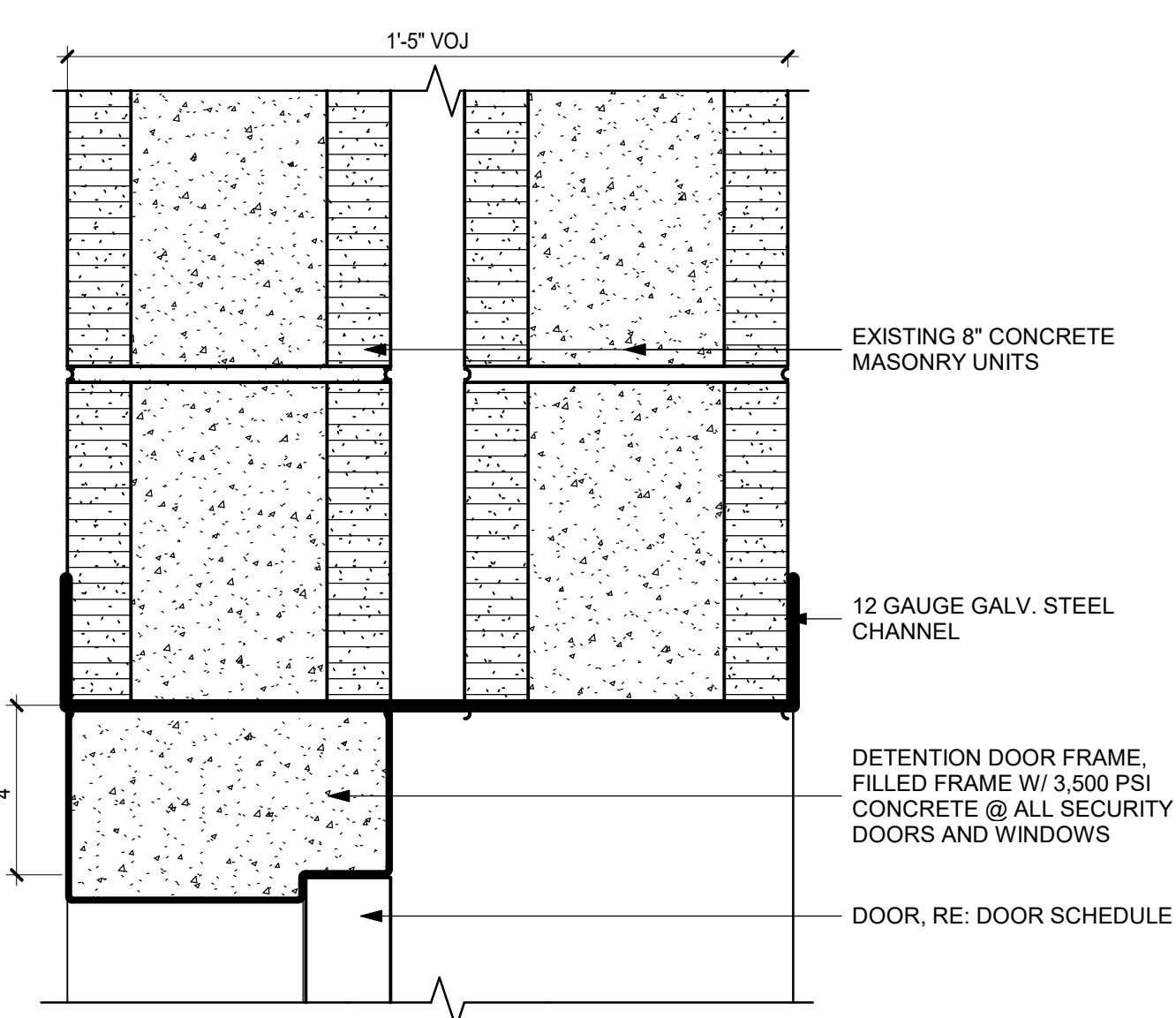
8 TYP. DET DOOR JAMB 2" @ 8" BLOCK
3" = 1'-0"



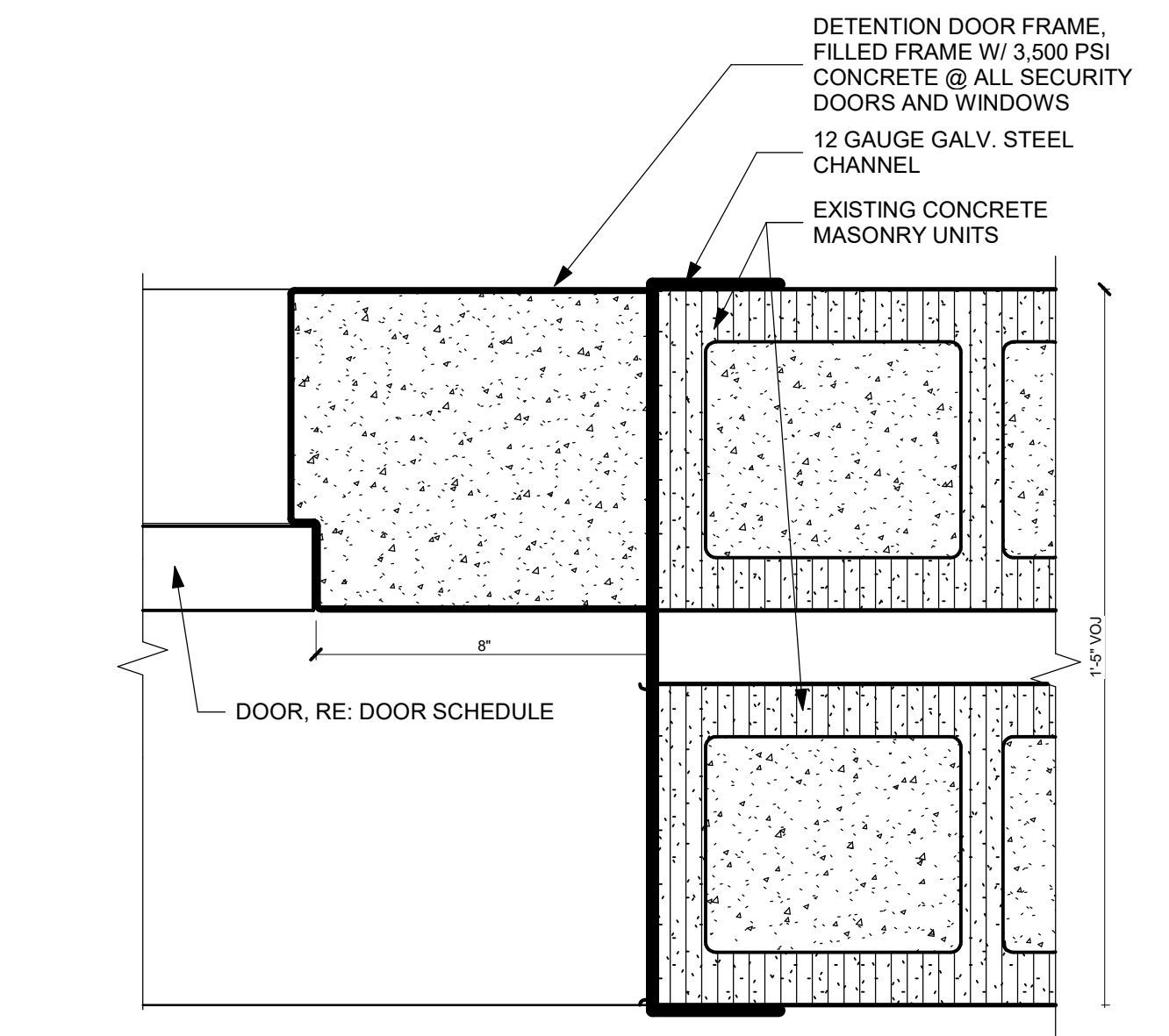
9 TYP. DET DOOR JAMB 2" @ WINDOW
3" = 1'-0"



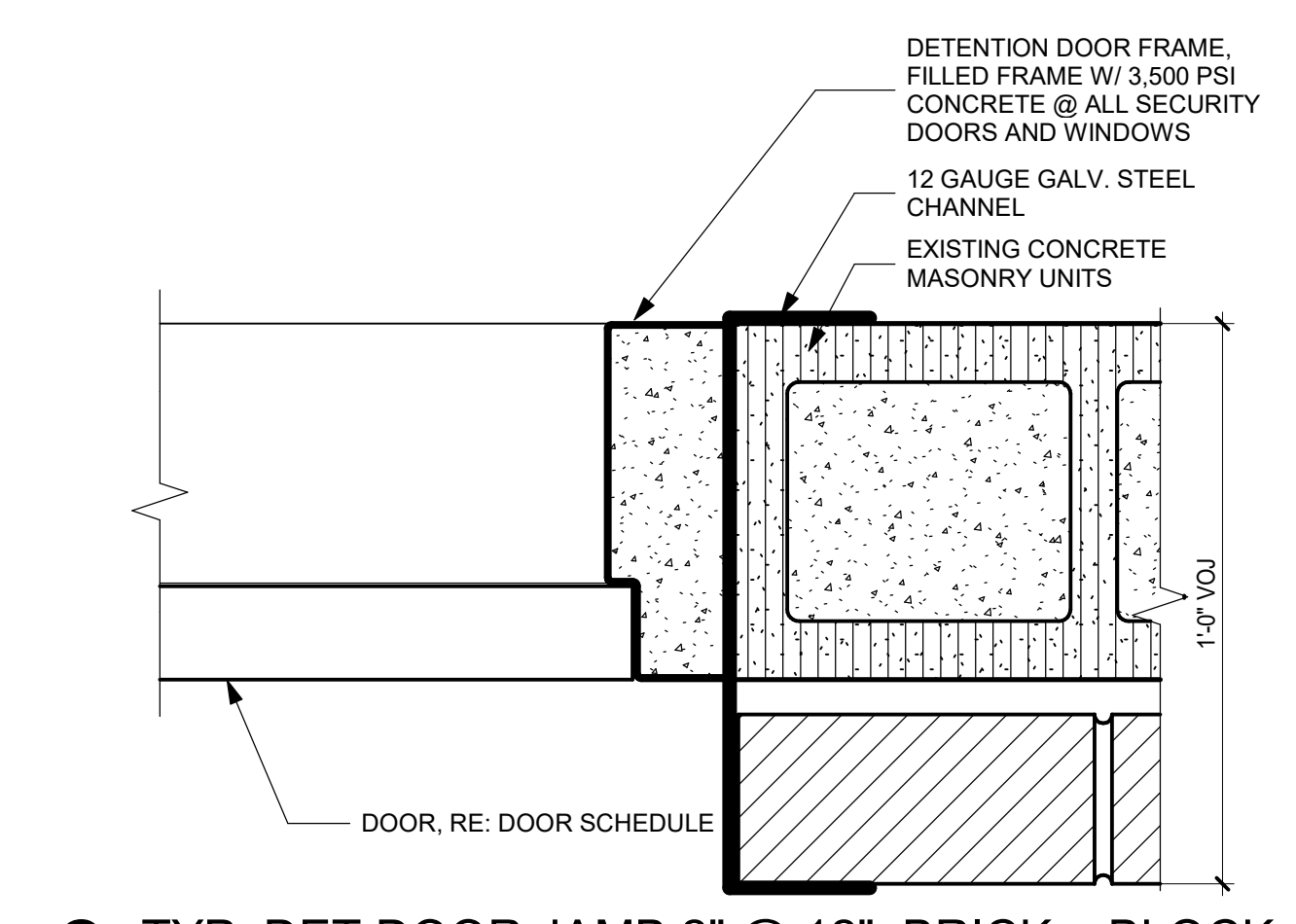
17 DET. DOOR HINGE DETAILS
3" = 1'-0"



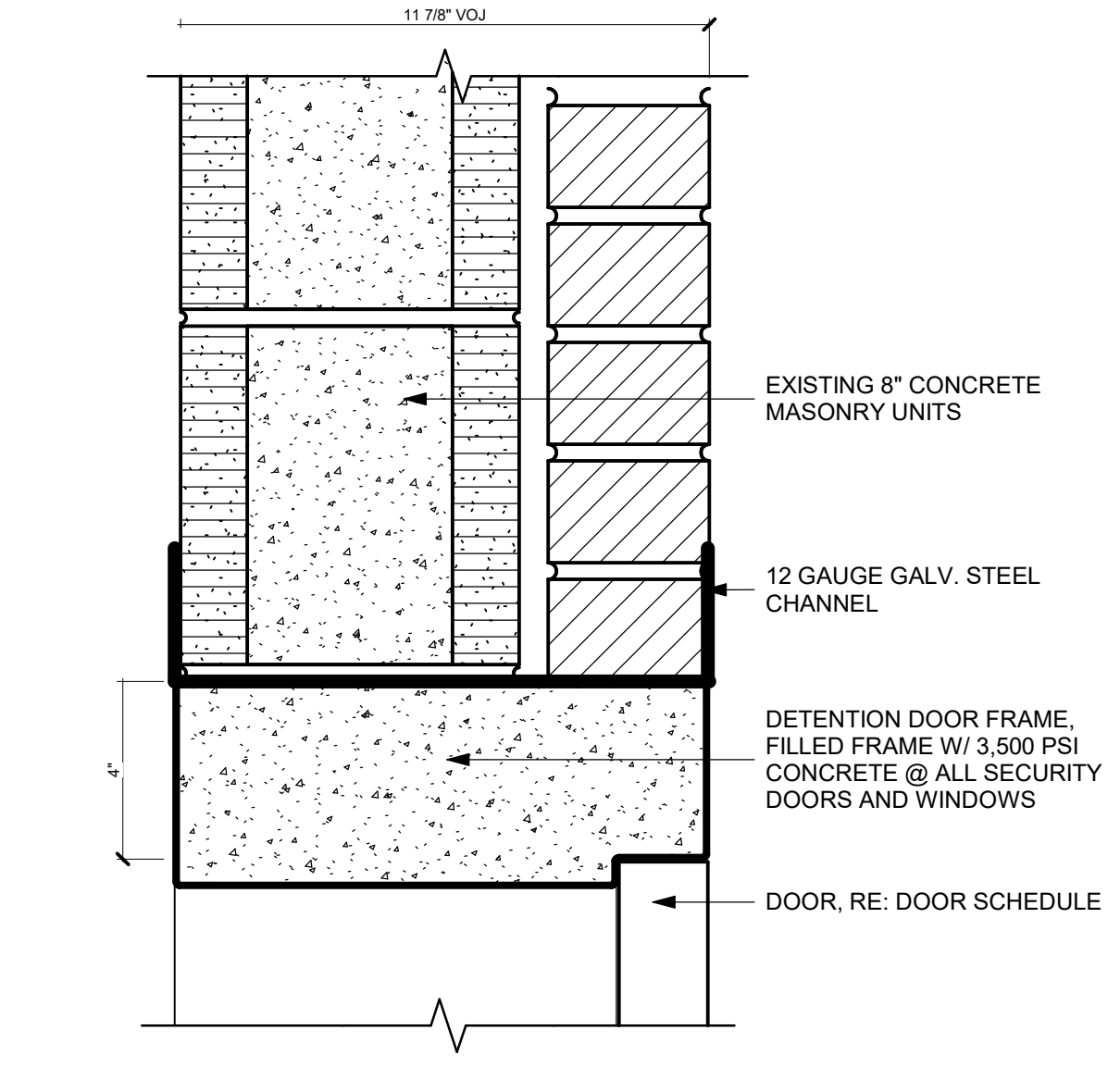
4 TYP. DET DOOR HEAD 4" @ (2) 8" BLOCKS
3" = 1'-0"



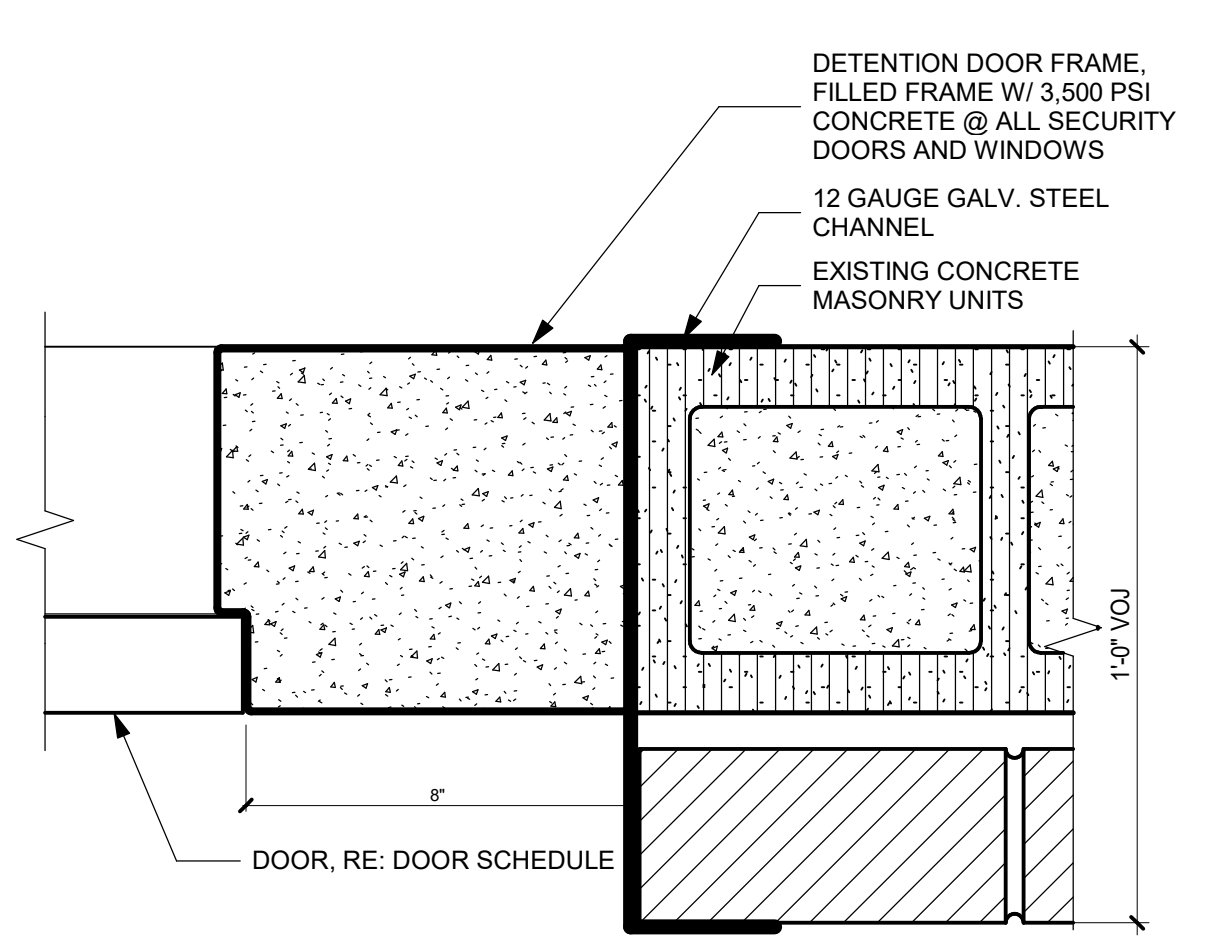
5 TYP. DET DOOR JAMB 8" @ (2) 8" BLOCK
3" = 1'-0"



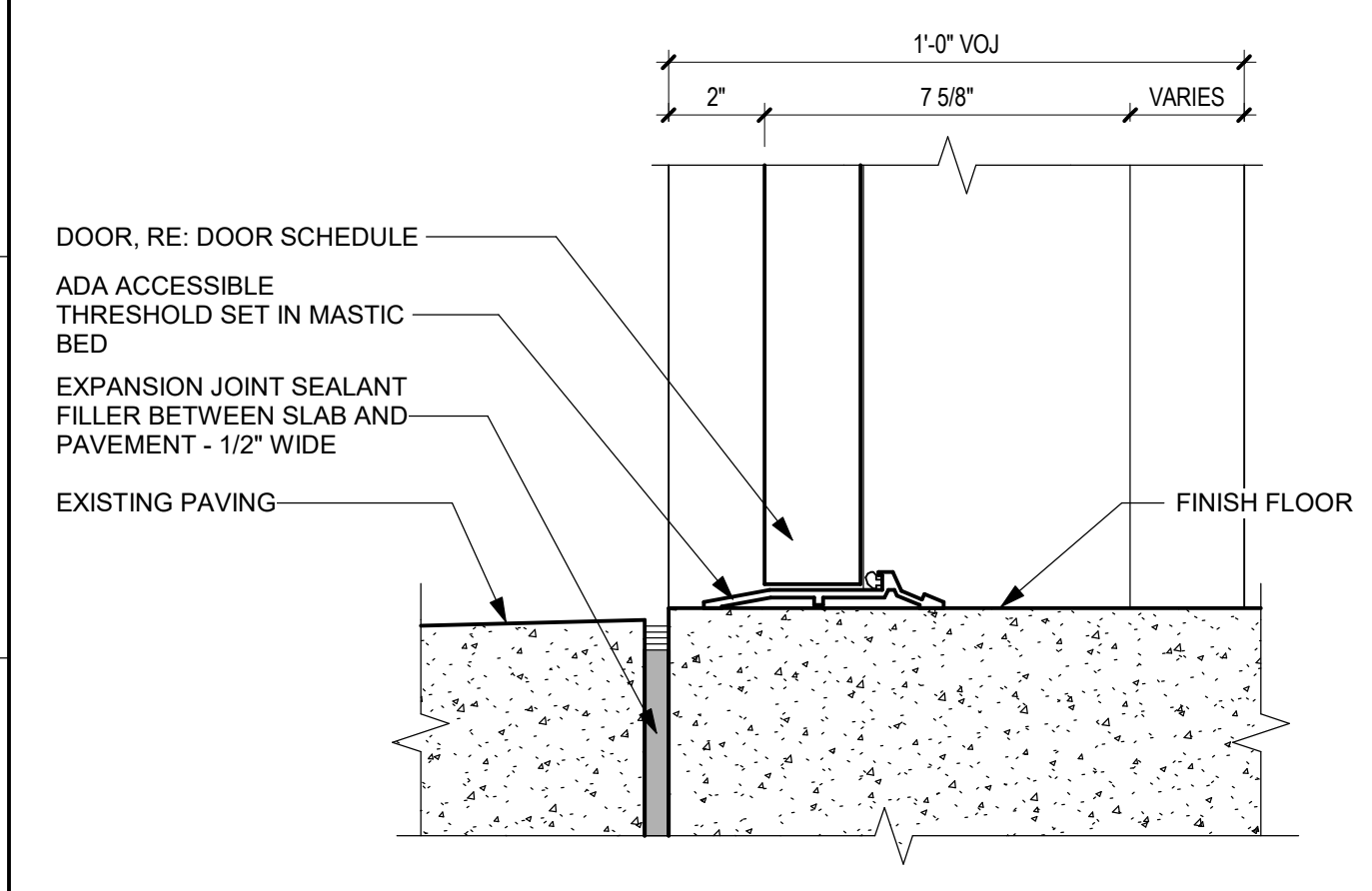
6 TYP. DET DOOR JAMB 2" @ 12" BRICK + BLOCK
3" = 1'-0"



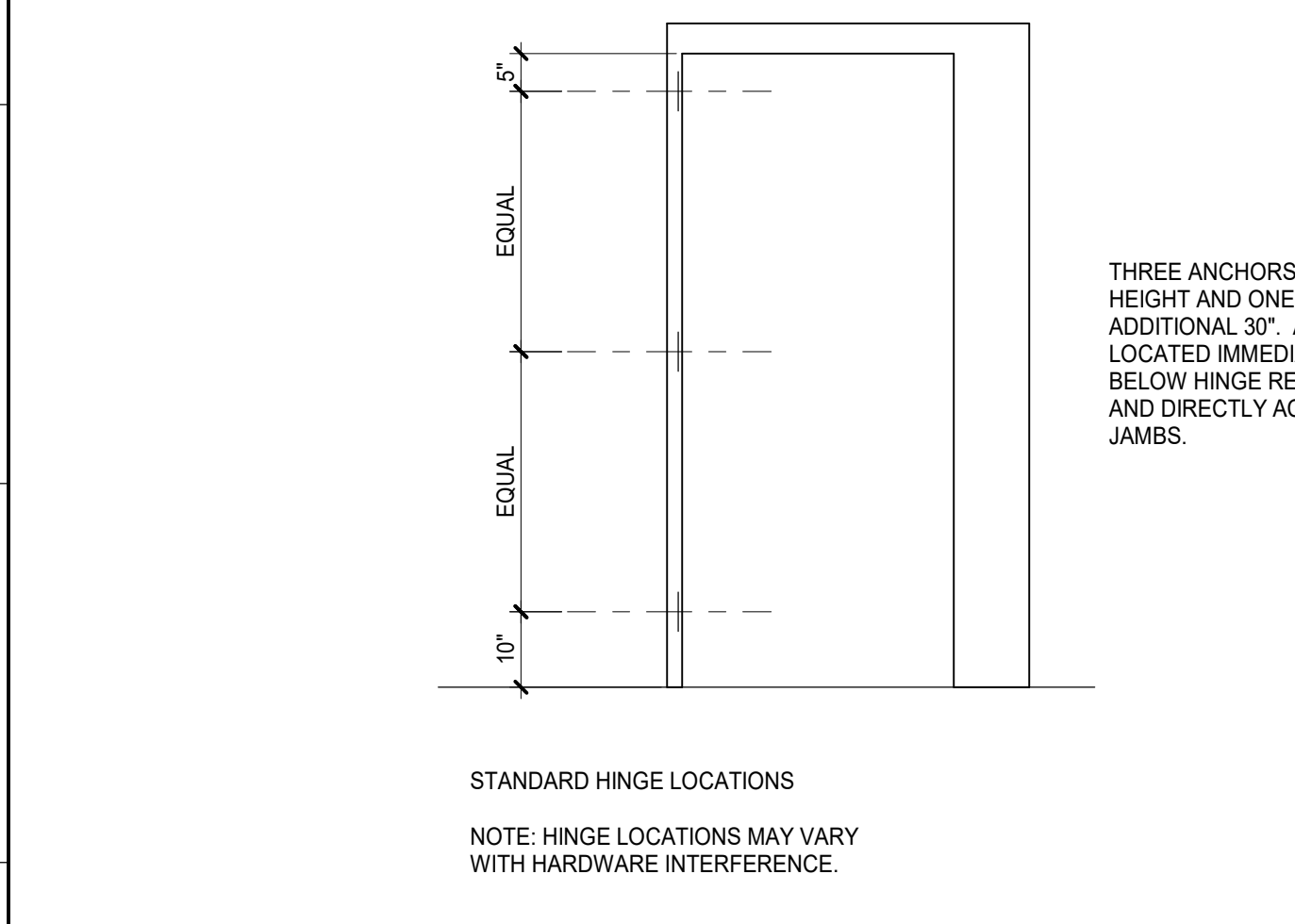
1 TYP. DET DOOR HEAD 4" @ 12" BRICK + BLOCK
3" = 1'-0"



2 TYP. DET DOOR JAMB 8" @ 12" BRICK + BLOCK
3" = 1'-0"



3 TYP. EXTERIOR DOOR SILL DETAIL
3" = 1'-0"



16 DET. DOOR HINGE/ANCHOR LOCATIONS
1/2" = 1'-0"

Architect: Grace Herbert Curtis Architects, LLC - Baton Rouge/Arch - Juvenile Detention Center - BATON ROUGE, LA
11/03/2024 2:55:30 PM



MEETING MINUTES

LOCATION:	Juvenile Detention Center
GHC PROJECT NAME & NUMBER:	Juvenile Detention Center Phase II #5024102
DATE/TIME:	11/04/2024

PARTIES PRESENT	ORGANIZATION	EMAIL
Blaine Chapman	Arkel Construction	blainec@arkelconstructors.com
Ryan Pinkstaff	R&S Corporation	rpinkstaff@randscorp.com
Lynn Causey	Encore Construction	lynn@encoreservices.pro
Robertson Ball Jr.	The Luster Group	rball@thelustergroup.com
Tommy Touchet	Institutional Services & Consultants	isctouchet@aol.com
Patrick Daughety	Sienna Construction, LLC	bids@siennaconstruction.net
Donavan Norris	JW Grand	bids@jwgrand.com
Caleb Bridges	Stuart + Company	bid@stuartandcompany.com
Rob Gray	Buildings and Grounds – Architectural Services Division	rgray@brla.gov
Jimmy Hebert	Grace Hebert Curtis	ghebert@ghc-arch.com
Kim Breaux	Grace Hebert Curtis	kbreaux@ghc-arch.com

DISCUSSION ITEMS

ITEM #	ITEM DISCUSSED
1.	Prebid meeting to discuss renovation, addition, and addendum 001.
2.	Before any construction begins, the perimeter of the addition, existing slab conditions, and subsurface to be verified by GC. Including providing survey information at the location of the building addition and the fenced sallyport.
3.	Addendum 001 to include <ul style="list-style-type: none">- Sally Port with 12'-0" no climb fence and swing gate with hardware.- Statement regarding work phasing around current juvenile population- Deming block walls around door to allow for new security door frame. All openings to be wired. The



ITEM #	ITEM DISCUSSED
	<p>firm alarm may need to shift over.</p> <ul style="list-style-type: none">- Catch basin detail- Commercial door hardware- Payroll example – Certified Payroll Transcript- Note regarding all new conduit- Note regarding all new glazing – it will be the up to the contractor if all glazing is replaced or replaced per the drawings.
4.	<p>Prior approval w/ attachments – email Jimmy Hebert at ghebert@ghc-arch.com. Cut off date is November 12, 2024</p>
5.	<p>Construction work to be staggered in phases. Coordination with Cowboy is critical to maintain security.</p> <p>Recreation is for 1 hour.</p> <p>No staging within fenced area. Staging can be set up between fenced area and mobile unit for addition and in back of open parking lot.</p> <p>GC can bring exterior doors through rec yard to juvenile wing. (ie, as little as possible to cross paths between juveniles and construction workers)</p> <p>Access through the secure gates and doors is allowed but must be coordinated with Cowboy. These doors cannot remain open for a lengthy period of time.</p>
6.	<p>Exterior and interior doors – all security locks and intercoms requiring conduit.</p> <p>GC to document existing conditions before work begins. It is the contractor's responsibility to replace any damaged ceiling tile – likely to occur when running conduit. GHC to verify at end of job.</p>
7.	<p>Currently GHC has not received a survey. GHC will request a survey of addition and sally port areas.</p>
8.	<p>Door and hardware are possibly long lead items. Partial substantial completion for the additions (Admin and Sally Port) is an option.</p>
9.	<p>Progress meetings – GHC every 2 weeks, owner once a month, and as needed</p>
10.	<p>Question: Any concern about load noise from construction?</p> <p>Answer: Yes, there will need to be consideration of noise outside of the courtroom. Installing the two doors between the courtroom waiting area and the new admin addition will need to be coordinated with Cowboy. The doors cannot be installed during court hours.</p>



ITEM #	ITEM DISCUSSED
11.	Pay apps can be submitted at any time of the month
12.	The project must be under contract by the end of the year. There is one council date before the end of the year on Dec 11. After that, recess is in session until next year. The mayor must sign the paperwork for the project to move forward with funding.
13.	<p>The owner has a separate contract with a painter to repaint portions of the existing facility. GHC will give paint color recommendations to the owner. The owner will select colors and then GHC will use those color selections for submittals.</p> <p>Scheduling coordination of owner's painters, Cowboy and contractor will be necessary during construction. Possibly construction area will overlap.</p>

END OF MINUTES

The preceding represents the author's understanding of the principal matters discussed. These notes will stand as a record of the above dated conference unless corrections are received within ten (10) days of issuance.

Certified Payroll Transcript

PR #1

Period: 1/30/2023 - 2/5/2023

Job: PSC H2 BUILDING RENOVATION FOR VETERAN'S AFFAIRS

Contract: 21-ASC-CP-1558

-----Hours-----												***** Weekly Totals ***** (Week Ending 2/5/23)		
Employee	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Total	Rate	Project Amounts	Total Gross	Deductions	Net Pay	
M/EX: M/1	0.00	0.00	0.00	0.00	0.00	8.00	0.00	8.00	22.000	176.00	Federal Withholding	17.00		
Race/Sex: B/M	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.350	2.80	Social Security	43.65		
Non Union										0.00	Medicare	10.21		
Operator										0.00	Additional Medicare T			
EEO:										178.80	Louisiana Withholding	19.07		
Check #: 0209231											Other			
											704.00	89.93	614.07	
M/EX: M/0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	29.000	0.00	Federal Withholding	67.00		
Race/Sex: W/M										0.00	Social Security	71.92		
Non Union										0.00	Medicare	16.82		
Pipefitter										0.00	Additional Medicare T			
EEO:										0.00	Louisiana Withholding	38.12		
Check #: 0209231											1,210.00	193.86	1,016.14	
M/EX: S/0	0.00	0.00	0.00	0.00	0.00	8.00	0.00	8.00	20.000	160.00	Federal Withholding	21.00		
Race/Sex: B/M	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.840	22.72	Social Security	29.76		
Non Union										0.00	Medicare	6.96		
Laborer										0.00	Additional Medicare T			
EEO:										182.72	Louisiana Withholding	11.23		
Check #: 0209231											Other	159.38		
											480.00	228.33	251.67	
-----Hours-----												***** Weekly Totals ***** (Week Ending 2/5/23)		
Job Totals (Hours)	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Total	Rate	Project Amounts	Total Gross	Deductions	Net Pay	
Regular Time	0.00	0.00	0.00	0.00	0.00	16.00	0.00	16.00		336.00	Federal Withholding	105.00		
Cash Fringe	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		25.52	Social Security	145.33		
										0.00	Medicare	33.99		
										0.00	Additional Medicare T			
										361.52	Louisiana Withholding	68.42		
											Other	159.38		
											2,394.00	512.12	1,881.88	

