

Addendum No. 8 for:

Specifications for:

WEST DEPTFORD FIRE HOUSE CONVERSION TO A LIBRARY

611 Academy Avenue
West Deptford, New Jersey 08096

ACKNOWLEDGEMENT OF ADDENDUM NO. 8

Contractor shall sign and acknowledge receipt of this Addendum No. 8 with (19) pages and (7) drawings.

Please return this confirmation sheet via email to michelle@mckernanarchitects.com.

Firm Name: _____

Signature: _____

Title: _____

Date: _____

Prepared By:
Joseph F. McKernan Jr., Architects & Associates
100 Dobbs Lane, Suite 204
Cherry Hill, New Jersey 08034
(856) 616-2960 / (856) 616-2963 fax

Architect Project No. 1214A

April 24, 2024



WEST DEPTFORD TOWNSHIP
Firehouse Conversion to a Library

Addendum No. 8

April 24, 2024

Project No. 1214A

This Addendum forms a part of the Contract Documents and modifies / clarifies the original Bidding Documents dated November 21, 2023 as noted below. Acknowledge receipt of the Addendum in the space provided on the Form of Proposal for Addendum. Failure to do so may subject the Bidder to disqualification.

Except as herein modified / clarified, all other provisions of the Contract Documents shall remain in full force as originally set forth. Additional Work called for herein, unless otherwise described in the Addendum, shall comply with the requirements originally specified for similar Work.

CONTRACT DOCUMENTS CLARIFICATIONS:

A. The following clarifications are issued as a courtesy to all Bidders.

1	Sheet A-1.1 has been revised to indicate the extent of concrete topping. The specification shall be identical to the design mix indicated on the Structural Drawings.
2	Regarding engaging J.C. McGee for proximity readers and access control procurement and installation, please include those costs in your bid.
3	We have been informed that the Sitework Contract Documents shall not be issued prior to the Bid Date for this project. To assist the Bidders for this contract, we recommend that all utilities be taken to a linear distance of Five Feet (5'-0") horizontally outside the Building Envelope.
4	Architectural Drawings have been revised to align with the guardrail mounting condition shown on the Structural Drawings.
5	The Architectural and Electrical Drawings have been revised to indicate the extent of existing slab removal and patching needed to accommodate running electrical and communication lines underground and surfacing within the Electrical / Mechanical Room.
6	EV Chargers will be specified in the Civil Engineering Bid Package, when that becomes available. The Electrical Drawings indicate provisions for the EV Chargers.
7	Electrical Drawings have been revised to show flow / tamper switches at the fire service area.
8	Unit Price Schedule, within the Unit Price Section, has been revised to provide more clarity.
9	Contractor shall coordinate with utility companies and provide all required cables for electric and low-voltage utility.

10	Water and Sewer services are provided by the Township, who has waived permit fees. Gas is provided by PSE&G, therefore application and permit fees should be included in your Bid.
11	Existing roof-top air handling unit does not have dehumidification capabilities, refer to updated Mechanical Drawings for updated sequence and notes.

CHANGES / CLARIFICATIONS TO SPECIFICATIONS: Sections identified below are attached.

- A. Section "BID FORM", revised to acknowledge Addendum No. 8.
- B. Section 012200 "Unit Prices", Unit Price Schedule revision.
- C. Section 042613 "Masonry Veneer", an Acceptable Manufacturer has been included.

CHANGES / CLARIFICATIONS TO DRAWINGS: Drawings identified below are attached.

- A. Sheet G-1.1, revised to indicate sheets included in this Addendum.
- B. Sheet A-1.1, revised to indicate concrete slab removal for new electric service.
- C. Sheet A-2.1, revised to indicate extent of interior concrete topping, and required concrete slab patching.
- D. Sheet A-3.3, revised to indicate guardrail securement.
- E. Sheet A-3.4, revised to indicate guardrail securement.
- F. Sheet M-3.0, revised to indicate Existing Roof-Top Unit Sequence of Operations.
- G. Sheet E-1.0, revised to indicate routing utilities from building exterior to within Electrical / Mechanical Room.

END OF ADDENDUM NO. 8

BID FORM - STIPULATED SUM (SINGLE-PRIME CONTRACT)

1.1 BID INFORMATION

- A. Bidder: _____.
- B. Project Name: West Deptford Fire House Conversion to a Library.
- C. Project Location: 611 Academy Avenue, West Deptford, NJ 08096.
- D. Owner: Township of West Deptford.
- E. Owner Phone Number: (856) 845-4004.
- F. Architect: Joseph F. McKernan Jr., Architects & Associates.
- G. Architect Project Number: 1214A.

1.2 CERTIFICATIONS AND BASE BID

- A. Base Bid, Single-Prime (All Trades) Contract: The undersigned Bidder, having carefully examined the Procurement and Contracting Requirements, Conditions of the Contract, Drawings, Specifications, and all subsequent Addenda, as prepared by Joseph F. McKernan, Jr. Architects & Associates and Architect's consultants, having visited the site, and being familiar with all conditions and requirements of the Work, hereby agrees to furnish all material, labor, equipment and services, including all scheduled allowances, necessary to complete the construction of the above-named project, according to the requirements of the Procurement and Contracting Documents, for the stipulated sum of:
 - 1. _____ Dollars (\$ _____).
 - 2. The above amount may be modified by amounts indicated in Paragraphs 1.3 "Alternate Bids"; Paragraph 1.4 "Quantity Allowances"; and Paragraph 1.5 "Unit Prices."

1.3 ALTERNATE BIDS

- A. Add Alternate Bid No. 1: Refer to Section 012300 "Alternates."
 - 1. _____ Dollars (\$ _____).
- B. Add Alternate Bid No. 2: Refer to Section 012300 "Alternates."
 - 2. _____ Dollars (\$ _____).

1.4 QUANTITY AND CONTINGENCY ALLOWANCES

- A. Lump Sum - Allowance No. 1: Refer to Section 012100 "Allowances."
 - 1. _____ Dollars (\$ _____).

B. Lump Sum - Allowance No. 2: Refer to Section 012100 "Allowances."

1. _____ Dollars (\$ _____).

A. Contingency - Allowance No. 3: Refer to Section 012100 "Allowances."

1. _____ Dollars(\$ _____).

1.5 UNIT PRICES

A. Unit Price No. 1: Refer to Specification Section 012200 "Unit Prices".

1. _____ Dollars (\$ _____).

B. Unit Price No. 2: Refer to Specification Section 012200 "Unit Prices."

1. _____ Dollars (\$ _____).

1.6 BID GUARANTEE

A. The undersigned Bidder agrees to execute a contract for this Work in the above amount and to furnish surety as specified within 10 days after a written Notice of Award, if offered within 60 days after receipt of bids, and on failure to do so agrees to forfeit to Owner the attached cash, cashier's check, certified check, U.S. money order, or bid bond, as liquidated damages for such failure, in the following amount constituting **ten percent (10%)** of the Base Bid amount above:

1. _____ Dollars (\$ _____).

B. In the event Owner does not offer Notice of Award within the time limits stated above, Owner will return to the undersigned the cash, cashier's check, certified check, U.S. money order, or bid bond.

1.7 SUBCONTRACTORS AND SUPPLIERS

A. The following companies shall execute subcontracts for the portions of the Work indicated:

- 1. Mechanical Work: _____.
- 2. Electrical Work: _____.
- 3. Plumbing Work: _____.
- 4. Fire Protection Work: _____.

1.8 TIME OF COMPLETION

- A. The undersigned Bidder proposes and agrees hereby to commence the Work of the Contract Documents on a date specified in a written Notice to Proceed to be issued by Architect, and shall fully complete the Work within 300 calendar days.

1.9 ACKNOWLEDGEMENT OF ADDENDA

- A. The undersigned Bidder acknowledges receipt of and use of the following Addenda in the preparation of this Bid:

- 1. Addendum No. 1, dated _____.
- 2. Addendum No. 2, dated _____.
- 3. Addendum No. 3, dated _____.
- 4. Addendum No. 4, dated _____.
- 5. Addendum No. 5, dated _____.
- 6. Addendum No. 6, dated _____.
- 7. Addendum No. 7, dated _____.
- 8. Addendum No. 8, dated _____.

1.10 BID SUPPLEMENTS

- A. The following supplements are a part of this Bid Form.

- 1. Bid Form Supplement - Bid Bond Form (AIA Document A310-2010).

1.11 CONTRACTOR'S LICENSE

- A. The undersigned further states that it is a duly licensed contractor, for the type of work proposed, in State of New Jersey, and that all fees, permits, etc., pursuant to submitting this proposal have been paid in full.

1.12 SUBMISSION OF BID

- A. Respectfully submitted this ____ day of _____, 2023.
- B. Submitted By: _____ (Name of bidding firm or corporation).
- C. Authorized Signature: _____ (Handwritten signature).
- D. Signed By: _____ (Type or print name).
- E. Title: _____ (Owner/Partner/President/Vice President).
- F. Witnessed By: _____ (Handwritten signature).
- G. Attest: _____ (Handwritten signature).
- H. By: _____ (Type or print name).
- I. Title: _____ (Corporate Secretary or Assistant Secretary).

(Revised text is indicated with a vertical line in the right-hand margin.)

Addendum-8

- J. Street Address: _____.
- K. City, State, Zip: _____.
- L. Phone: _____.
- M. License No.: _____.
- N. Federal ID No.: _____ (Affix Corporate Seal Here).

SECTION 012200 - UNIT PRICES

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. Section includes administrative and procedural requirements for unit prices.
- B. Related Requirements:
 - 1. Section 012100 "Allowances" for procedures for using unit prices to adjust quantity allowances.
 - 2. Section 012600 "Contract Modification Procedures" for procedures for submitting and handling Change Orders.
 - 3. Section 014000 "Quality Requirements" for field testing by an independent testing agency.

1.3 DEFINITIONS

- A. Unit price is an amount incorporated into the Agreement, applicable during the duration of the Work as a price per unit of measurement for materials, equipment, or services, or a portion of the Work, added to or deducted from the Contract Sum by appropriate modification, if the scope of Work or estimated quantities of Work required by the Contract Documents are increased or decreased.

1.4 PROCEDURES

- A. Unit prices include all necessary material, plus cost for delivery, installation, insurance, applicable taxes, overhead, and profit.
- B. Measurement and Payment: See individual Specification Sections for work that requires establishment of unit prices. Methods of measurement and payment for unit prices are specified in those Sections.
- C. Owner reserves the right to reject Contractor's measurement of work-in-place that involves use of established unit prices and to have this work measured, at Owner's expense, by an independent surveyor acceptable to Contractor.
- D. List of Unit Prices: A schedule of unit prices is included in Part 3. Specification Sections referenced in the Part 3 "Schedule of Unit Prices" Article contain requirements for materials described under each unit price.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION

3.1 SCHEDULE OF UNIT PRICES

- A. Unit Price No. 1: Provide and install 50 linear feet (15.24m) of Cat6 Ethernet Cable, within 3/4" PVC conduit, and one wall mounted, recessed, data junction box with cover plate.

END OF SECTION 012200

SECTION 042613 - MASONRY VENEER

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:

1. Nominal Veneer Face Brick.
2. Nominal Veneer Thin-Brick.
3. Mortar materials.
4. Ties and anchors.
5. Embedded flashing.
6. Accessories.
7. Mortar mixes.

B. Products Installed but not Furnished under This Section:

1. Steel lintels in masonry veneer.
2. Steel shelf angles for supporting masonry veneer.

C. Related Requirements:

1. Section 014339 "Mockups" for integrated exterior mockup requirements.
2. Section 019119.43 "Exterior Enclosure Commissioning."
3. Section 071900 "Water Repellents" for water repellents applied to unit masonry assemblies.
4. Section 077100 "Roof Specialties" for embedded flashing.

1.2 ACTION SUBMITTALS

A. Product Data: For each type of product.

B. Shop Drawings: For the following:

1. Masonry Units: Indicate sizes, profiles, coursing, and locations of special shapes.
2. Fabricated Flashing: Detail corner units, end-dam units, and other special applications.

C. Samples for Initial Selection:

1. Clay face brick, in the form of straps of five or more bricks.
2. Colored mortar.
3. Weep/cavity vents.

D. Samples for Verification: For each type and color of the following:

1. Clay face brick, in the form of straps of five or more bricks.
2. Special brick shapes.
3. Pigmented mortar. Make Samples using same sand and mortar ingredients to be used on Project.
4. Weep/cavity vents.
5. Cavity drainage material.
6. Accessories embedded in masonry.

1.3 INFORMATIONAL SUBMITTALS

- A. List of Materials Used in Constructing Mockups: List generic product names together with manufacturers, manufacturers' product names, model numbers, lot numbers, batch numbers, source of supply, and other information as required to identify materials used. Include mix proportions for mortar and grout and source of aggregates.
 - 1. Submittal is for information only. Receipt of list does not constitute approval of deviations from the Contract Documents unless such deviations are specifically brought to the attention of Architect and approved in writing.
- B. Material Certificates: For each type and size of the following:
 - 1. Masonry units.
 - a. Include data on material properties.
 - b. For brick, include size-variation data verifying that actual range of sizes falls within specified tolerances.
 - c. For exposed brick, include test report for efflorescence in accordance with ASTM C67/C67M.
 - d. For surface-coated brick, include test report for durability of surface appearance after 50 cycles of freezing and thawing in accordance with ASTM C67/C67M.
 - 2. Cementitious materials. Include name of manufacturer, brand name, and type.
 - 3. Mortar admixtures.
 - 4. Preblended, dry mortar mixes. Include description of type and proportions of ingredients.
 - 5. Anchors, ties, and metal accessories.
- C. Mix Designs: For each type of mortar. Include description of type and proportions of ingredients. Include test reports for mortar mixes required to comply with property specification. Test in accordance with ASTM C109/C109M for compressive strength, ASTM C1506 for water retention, and ASTM C91/C91M for air content.
- D. Cold-Weather and Hot-Weather Procedures: Detailed description of methods, materials, and equipment to be used to comply with requirements.

1.4 QUALITY ASSURANCE

- A. Qualifications: Testing Agency: Qualified in accordance with ASTM C1093 for testing indicated.

1.5 MOCKUPS

- A. Sample Panels: Build sample panels to verify selections made under Sample submittals and to demonstrate aesthetic effects. Comply with requirements in Section 014000 "Quality Requirements" for mockups.
 - 1. Build sample panels for each type of exposed unit masonry construction in sizes approximately 48 inches (1219 mm) long by 36 inches (914 mm) high by full thickness.
 - 2. Build sample panels facing south.
 - 3. Where masonry is to match existing, build panels adjacent and parallel to existing surface.
 - 4. Clean one-half of exposed faces of panels with masonry cleaner indicated.
 - 5. Protect approved sample panels from the elements with weather-resistant membrane.
 - 6. Approval of sample panels is for color, texture, and blending of masonry units; relationship of mortar and sealant colors to masonry unit colors; tooling of joints; aesthetic qualities of workmanship; and other material and construction qualities specifically approved by Architect in writing.

- a. Approval of sample panels does not constitute approval of deviations from the Contract Documents contained in sample panels unless such deviations are specifically approved by Architect in writing.

1.6 DELIVERY, STORAGE, AND HANDLING

- A. Store masonry units on elevated platforms in a dry location. If units are not stored in an enclosed location, cover tops and sides of stacks with waterproof sheeting, securely tied. If units become wet, do not install until they are dry.
- B. Store cementitious materials on elevated platforms, under cover, and in a dry location. Do not use cementitious materials that have become damp.
- C. Store aggregates where grading and other required characteristics can be maintained and contamination avoided.
- D. Deliver preblended, dry mortar mix in moisture-resistant containers. Store preblended, dry mortar mix in delivery containers on elevated platforms in a dry location or in covered weatherproof dispensing silos.
- E. Store masonry accessories, including metal items, to prevent corrosion and accumulation of dirt and oil.

1.7 FIELD CONDITIONS

- A. Protection of Masonry: During construction, cover tops of veneer, projections, and sills with waterproof sheeting at end of each day's work. Cover partially completed masonry when construction is not in progress. Extend cover a minimum of 24 inches (610 mm) down face of veneer, and hold cover securely in place.
- B. Stain Prevention: Prevent grout, mortar, and soil from staining the face of masonry. Immediately remove grout, mortar, and soil that come in contact with masonry.
 - 1. Protect base of walls from rain-splashed mud and from mortar splatter by spreading coverings on ground and over wall surface.
 - 2. Protect sills, ledges, and projections from mortar droppings.
 - 3. Protect surfaces of window and door frames, as well as similar products with painted and integral finishes, from mortar droppings.
 - 4. Turn scaffold boards near the wall on edge at the end of each day to prevent rain from splashing mortar and dirt onto completed masonry.
- C. Cold-Weather Requirements: Do not use frozen materials or materials mixed or coated with ice or frost. Do not build on frozen substrates. Remove and replace unit masonry damaged by frost or by freezing conditions. Comply with cold-weather construction requirements contained in TMS 602.
 - 1. Cold-Weather Cleaning: Use liquid cleaning methods only when air temperature is 40 deg F (4 deg C) and higher and will remain so until masonry has dried, but not less than seven days after completing cleaning.
- D. Hot-Weather Requirements: Comply with hot-weather construction requirements contained in TMS 602.

PART 2 - PRODUCTS

2.1 SOURCE LIMITATIONS

- A. For exposed masonry units and cementitious mortar components, obtain each color and grade from single source with resources to provide materials of consistent quality in appearance and physical properties.

2.2 UNIT MASONRY, GENERAL

- A. Masonry Standard: Comply with TMS 602, except as modified by requirements in the Contract Documents.
- B. Defective Units: Referenced masonry unit standards may allow a certain percentage of units to contain chips, cracks, or other defects exceeding limits stated. Do not use units where such defects will be exposed in the completed Work and will be within 20 ft. (6 m) vertically and horizontally of a walking surface.

2.3 BRICK

- A. General: Provide shapes indicated and as follows, with exposed surfaces matching finish and color of exposed faces of adjacent units. For ends of sills and caps and for similar applications that would otherwise expose unfinished brick surfaces, provide units without cores or frogs and with exposed surfaces finished.
- B. Clay Face Brick: Facing brick complying with ASTM C216, Grade SW, Type FBS.
 - 1. Basis-Of-Design Manufacturers: The existing brick is a blend of three colors, which may no longer be available. The following three manufacturers may be the closest match available.
 - a. Brown: Continental Brick Co.; Std. 488 Modular.
 - b. Red: Bowerston; Red w/ C Full Range Modular.
 - c. Orange: Taylor Clay Products; 309 Pink; Modular, Wire Cut.
 - 2. Initial Rate of Absorption: Less than 30 g/30 sq. in. (30 g/194 sq. cm) per minute when tested in accordance with ASTM C67/C67M.
 - 3. Efflorescence: Provide brick that has been tested in accordance with ASTM C67/C67M and is rated "not effloresced."
 - 4. Size (Actual Dimensions): Approx. 3-5/8 inches (92 mm) wide by approx. 2-1/4 inches (57 mm) high by approx. 7-5/8 inches (194 mm) long.
 - 5. Application: Use where brick is exposed unless otherwise indicated.
 - 6. Where shown to "match existing," provide clay face brick matching color range, texture, and size of existing adjacent brickwork. Refer to Paragraph 4.1.A for a photograph of the existing brick.
 - 7. The following was brought to the Architect's attention, and verified by the Architect:
 - a. Original Brick Manufacturer may have been: Church Brick; Bowerston; Knox Blend Modular.
 - b. A photo taken by the Architect, of the sample panel, set against the existing wall, has been added to this specification. Refer to 4.1.2.
 - c. The Church Brick, noted above, shall also be an Acceptable Manufacturer.

2.4 MORTAR MATERIALS

- A. Portland Cement: ASTM C150/C150M, Type I or II, except Type III may be used for cold-weather construction. Provide natural color or white cement as required to produce mortar color indicated. Alkali content will not be more than 0.1 percent when tested in accordance with ASTM C114.

- B. Hydrated Lime: ASTM C207, Type S.
- C. Portland Cement-Lime Mix: Packaged blend of portland cement and hydrated lime containing no other ingredients.
- D. Mortar Cement: ASTM C1329/C1329M.
- E. Mortar Pigments: Natural and synthetic iron oxides and chromium oxides, compounded for use in mortar mixes and complying with ASTM C979/C979M. Use only pigments with a record of satisfactory performance in masonry mortar. Formulate blend as required to match existing colors.
- F. Aggregate for Mortar: ASTM C144.
 - 1. For mortar that is exposed to view, use washed aggregate consisting of natural sand or crushed stone.
 - 2. For joints less than 1/4 inch (6.4 mm) thick, use aggregate graded with 100 percent passing the No. 16 (1.18-mm) sieve.
 - 3. White-Mortar Aggregates: Natural white sand or crushed white stone.
 - 4. Colored-Mortar Aggregates: Natural sand or crushed stone of color necessary to produce required mortar color.
- G. Cold-Weather Admixture: Nonchloride, noncorrosive, accelerating admixture complying with ASTM C494/C494M, Type C, and recommended by manufacturer for use in masonry mortar of composition indicated.
- H. Water-Repellent Admixture: Liquid water-repellent mortar admixture intended for use with CMUs containing integral water repellent from same manufacturer.
- I. Water: Potable.

2.5 TIES AND ANCHORS

- A. General: Ties and anchors extend at least 1-1/2 inches (38 mm) into veneer but with at least a 5/8-inch (16-mm) cover on outside face.
- B. Materials: Provide ties and anchors specified in this article that are made from materials that comply with the following unless otherwise indicated:
 - 1. Hot-Dip Galvanized, Carbon-Steel Wire: ASTM A1064/A1064M, with ASTM A153/A153M, Class B-2 coating.
- C. Corrugated-Metal Ties: Metal strips not less than 7/8 inch (22 mm) wide with corrugations having a wavelength of 0.3 to 0.5 inch (7.6 to 13 mm) and an amplitude of 0.06 to 0.10 inch (1.5 to 2.5 mm) made from 0.0336-inch- (0.85-mm-) thick, steel sheet, galvanized after fabrication.

2.6 EMBEDDED FLASHING

- A. Refer to Section 077100 "Roofing Specialties" for embedded flashing.

2.7 ACCESSORIES

- A. Compressible Filler: Premolded filler strips complying with ASTM D1056, Grade 2A1; compressible up to 35 percent; of width and thickness indicated; formulated from neoprene.

- B. Weep/Vent Products: Use Rectangular Plastic Weep/Vent Tubing: Clear butyrate, 3/8 by 1-1/2 by 3-1/2 inches (10 by 38 by 89 mm) long.
- C. Cavity Drainage Material: Free-draining mesh, made from polymer strands that will not degrade within the wall cavity. Mortar Deflector: Strips, full depth of cavity and 10 inches (254 mm) high, with dovetail-shaped notches that prevent clogging with mortar droppings.
- D. Offset Angle Supports: Steel plate brackets anchored to structure, allowing continuous insulation behind shelf angle supporting veneer. Component and anchor size and spacing engineered by manufacturer.
- E. Proprietary Acidic Masonry Cleaner: Manufacturer's standard-strength cleaner designed for removing mortar/grout stains, efflorescence, and other new construction stains from new masonry without discoloring or damaging masonry surfaces. Use product expressly approved for intended use by cleaner manufacturer and manufacturer of masonry units being cleaned.

2.8 MORTAR MIXES

- A. General: Do not use admixtures, including pigments, air-entraining agents, accelerators, retarders, water-repellent agents, antifreeze compounds, or other admixtures unless otherwise indicated.
 - 1. Do not use calcium chloride in mortar or grout.
 - 2. Use portland cement-lime or mortar cement mortar unless otherwise indicated.
 - 3. Add cold-weather admixture (if used) at same rate for all mortar that will be exposed to view, regardless of weather conditions, to ensure that mortar color is consistent.
- B. Preblended, Dry Mortar Mix: Furnish dry mortar ingredients in form of a preblended mix. Measure quantities by weight to ensure accurate proportions, and thoroughly blend ingredients before delivering to Project site.
- C. Pigmented Mortar: Use colored cement product or select and proportion pigments with other ingredients to produce color required. Do not add pigments to colored cement products.
 - 1. Pigments do not exceed 10 percent of portland cement by weight.
 - 2. Pigments do not exceed 5 percent of mortar cement by weight.
 - 3. Mix to match Architect's sample.
 - 4. Application: Use pigmented mortar for exposed mortar joints.
- D. Colored-Aggregate Mortar: Produce required mortar color by using colored aggregates and natural color or white cement as necessary to produce required mortar color.
 - 1. Mix to match existing wall mortar.
 - 2. Application: Use colored-aggregate mortar for exposed mortar joints.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine conditions, with Installer present, for compliance with requirements for installation tolerances and other conditions affecting performance of the Work. For the record, prepare written report, endorsed by Installer, listing conditions detrimental to performance of the Work.
- B. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 INSTALLATION, GENERAL

- A. Leave openings for equipment to be installed before completing masonry. After installing equipment, complete masonry to match the construction immediately adjacent to opening.
- B. Use full-size units without cutting if possible. If cutting is required to provide a continuous pattern or to fit adjoining construction, cut units with motor-driven saws; provide clean, sharp, unchipped edges. Allow units to dry before laying unless wetting of units is specified. Install cut units with cut surfaces and, where possible, cut edges concealed.
- C. Select and arrange units for exposed unit masonry to produce a uniform blend of colors and textures. Mix units from several pallets or cubes as they are placed.
- D. Matching Existing Masonry: Match coursing, bonding, color, and texture of existing masonry.
- E. Wetting of Brick: Wet brick before laying if initial rate of absorption exceeds 30 g/30 sq. in. (30 g/194 sq. cm) per minute when tested in accordance with ASTM C67/C67M. Allow units to absorb water so they are damp but not wet at time of laying.

3.3 TOLERANCES

- A. Dimensions and Locations of Elements:
 - 1. For dimensions in cross section or elevation, do not vary by more than plus 1/2 inch (13 mm) or minus 1/4 inch (6.4 mm).
 - 2. For location of elements in plan, do not vary from that indicated by more than plus or minus 1/2 inch (13 mm).
 - 3. For location of elements in elevation, do not vary from that indicated by more than plus or minus 1/4 inch (6.4 mm) in a story height or 1/2 inch (13 mm) total.
- B. Lines and Levels:
 - 1. For bed joints and top surfaces of bearing walls, do not vary from level by more than 1/4 inch in 10 ft. (6.4 mm in 3 m), or 1/2-inch (13-mm) maximum.
 - 2. For conspicuous horizontal lines, such as lintels, sills, parapets, and reveals, do not vary from level by more than 1/8 inch in 10 ft. (3.2 mm in 3 m), 1/4 inch in 20 ft. (6.4 mm in 6 m), or 1/2-inch (13-mm) maximum.
 - 3. For vertical lines and surfaces, do not vary from plumb by more than 1/4 inch in 10 ft. (6.4 mm in 3 m), 3/8 inch in 20 ft. (10 mm in 6 m), or 1/2-inch (13-mm) maximum.
 - 4. For conspicuous vertical lines, such as external corners, door jambs, reveals, and expansion and control joints, do not vary from plumb by more than 1/8 inch in 10 ft. (3.2 mm in 3 m), 1/4 inch in 20 ft. (6.4 mm in 6 m), or 1/2-inch (13-mm) maximum.
 - 5. For lines and surfaces, do not vary from straight by more than 1/4 inch in 10 ft. (6.4 mm in 3 m), 3/8 inch in 20 ft. (10 mm in 6 m), or 1/2-inch (13-mm) maximum.
 - 6. For vertical alignment of exposed head joints, do not vary from plumb by more than 1/4 inch in 10 ft. (6.4 mm in 3 m), or 1/2-inch (13-mm) maximum.
 - 7. For faces of adjacent exposed masonry units, do not vary from flush alignment by more than 3/32 inch (2.3 mm) except due to warpage of masonry units within tolerances specified for warpage of units.
- C. Joints:
 - 1. For bed joints, do not vary from thickness indicated by more than plus or minus 1/8 inch (3.2 mm), with a maximum thickness limited to 1/2 inch (13 mm).

2. For exposed bed joints, do not vary from bed-joint thickness of adjacent courses by more than 1/8 inch (3.2 mm).
3. For head and collar joints, do not vary from thickness indicated by more than plus 3/8 inch (10 mm) or minus 1/4 inch (6.4 mm).
4. For exposed head joints, do not vary from thickness indicated by more than plus or minus 1/8 inch (3.2 mm).
5. For exposed bed joints and head joints of stacked bond, do not vary from a straight line by more than 1/16 inch (1.6 mm) from one masonry unit to the next.

3.4 LAYING MASONRY WALLS

- A. Lay out walls in advance for accurate spacing of surface bond patterns with uniform joint thicknesses and for accurate location of openings, movement-type joints, returns, and offsets. Avoid using less-than-half-size units, particularly at corners, jambs, and, where possible, at other locations.
- B. Bond Pattern for Exposed Masonry: Unless otherwise indicated, lay exposed masonry in running bond; do not use units with less-than-nominal 4-inch (102-mm) horizontal face dimensions at corners or jambs.
- C. Stopping and Resuming Work: Stop work by stepping back units in each course from those in course below; do not tooth. When resuming work, clean masonry surfaces that are to receive mortar, remove loose masonry units and mortar, and wet brick if required before laying fresh masonry.
- D. Built-in Work: As construction progresses, build in items specified in this and other Sections. Fill in solidly with masonry around built-in items.

3.5 MORTAR BEDDING AND JOINTING

- A. Lay solid masonry units with completely filled bed and head joints; butter ends with sufficient mortar to fill head joints and shove into place. Do not deeply furrow bed joints or slush head joints.
- B. Tool exposed joints slightly concave when thumbprint hard, using a jointer larger than joint thickness unless otherwise indicated.

3.6 ANCHORED MASONRY VENEERS

- A. Anchor masonry veneers to wall framing with masonry-veneer anchors to comply with the following requirements:
 1. Fasten screw-attached anchors through sheathing to wall framing with metal fasteners of type indicated. Use two fasteners unless anchor design only uses one fastener.
 2. Embed tie sections in masonry joints.
 3. Locate anchor sections to allow maximum vertical differential movement of ties up and down.
 4. Space anchors as indicated, but not more than 16 inches (406 mm) o.c. vertically and 25 inches (635 mm) o.c. horizontally, with not less than one anchor for each 2.67 sq. ft. (0.25 sq. m) of wall area. Install additional anchors within 12 inches (305 mm) of openings and at intervals, not exceeding 36 inches (914 mm), around perimeter.
- B. Provide not less than 1 inch (25 mm) of airspace between back of masonry veneer and face of sheathing. Keep airspace clean of mortar droppings and other materials during construction. Bevel beds away from airspace, to minimize mortar protrusions into airspace. Do not attempt to trowel or remove mortar fins protruding into airspace.

3.7 EXPANSION JOINTS

- A. General: Install expansion-joint materials in unit masonry as masonry progresses. Do not allow materials to span expansion joints without provision to allow for in-plane wall or partition movement.
- B. Form expansion joints as follows:
 - 1. Build flanges of metal expansion strips into masonry. Lap each joint 4 inches (102 mm) in direction of water flow. Seal joints below grade and at junctures with horizontal expansion joints if any.
 - 2. Build flanges of factory-fabricated, expansion-joint units into masonry.
 - 3. Build in compressible joint fillers where indicated.
 - 4. Form open joint full depth of brick wythe and of width indicated, but not less than 1/2 inch (13 mm) for installation of sealant and backer rod specified in Section 079200 "Joint Sealants."
- C. Provide horizontal, pressure-relieving joints by either leaving an airspace or inserting a compressible filler of width required for installing sealant and backer rod specified in Section 079200 "Joint Sealants," but not less than 3/8 inch (10 mm). Locate horizontal, pressure-relieving joints beneath shelf angles supporting masonry.

3.8 LINTELS

- A. Install steel lintels where indicated.
- B. Provide offset angle supports where indicate and where openings of more than 12 inches (305 mm) for brick-size units and 24 inches (610 mm) for block-size units are indicated without structural steel or other supporting lintels.
- C. Provide minimum bearing of 8 inches (203 mm) at each jamb unless otherwise indicated.

3.9 FLASHING, WEEP HOLES, AND VENTS

- A. General: Install embedded flashing and weep holes in masonry at shelf angles, lintels, ledges, other obstructions to downward flow of water in wall, and where indicated. Install vents at shelf angles, ledges, and other obstructions to upward flow of air in cavities, and where indicated.
- B. Install flashing as follows unless otherwise indicated:
 - 1. Prepare masonry surfaces so they are smooth and free from projections that could puncture flashing. Where flashing is within mortar joint, place through-wall flashing on sloping bed of mortar and cover with mortar. Before covering with mortar, seal penetrations in flashing with adhesive, sealant, or tape.
 - 2. Extend flashing through veneer, across airspace behind veneer, and up face of sheathing at least 8 inches (203 mm); with upper edge tucked under water-resistive barrier, lapping at least 4 inches (102 mm).
 - 3. At lintels and shelf angles, extend flashing 6 inches (152 mm) minimum, to edge of next full unit at each end. At heads and sills, extend flashing 6 inches (152 mm) minimum, to edge of next full unit and turn ends up not less than 2 inches (51 mm) to form end dams.
 - 4. Interlock end joints of sawtooth sheet metal flashing by overlapping ribs not less than 1-1/2 inches (38 mm) or as recommended by flashing manufacturer, and seal lap with elastomeric sealant complying with requirements in Section 079200 "Joint Sealants" for application indicated.
 - 5. Install metal drip edges with sawtooth sheet metal flashing by interlocking hemmed edges to form hooked seam. Seal seam with elastomeric sealant complying with requirements in Section 079200 "Joint Sealants" for application indicated.

6. Install metal flashing termination beneath flexible flashing at exterior face of wall. Stop flexible flashing 1/2 inch (13 mm) back from outside face of wall, and adhere flexible flashing to top of metal flashing termination.
- C. Install reglets and nailers for flashing and other related construction where they are indicated to be built into masonry.
- D. Install weep holes in veneers in head joints of first course of masonry immediately above embedded flashing.
 1. Use specified weep/cavity vent products to form weep holes.
 2. Use wicking material to form weep holes above flashing under brick sills. Turn wicking down at lip of sill to be as inconspicuous as possible.
 3. Space weep holes formed from plastic tubing 16 inches (406 mm) o.c.
 4. Cover cavity side of weep holes with plastic insect screening at cavities insulated with loose-fill insulation.
 5. Trim wicking material flush with outside face of wall after mortar has set.
- E. Place cavity drainage material in airspace behind veneers to comply with configuration requirements for cavity drainage material in "Accessories" Article.

3.10 FIELD QUALITY CONTROL

- A. Testing Agency: Engage a qualified testing agency to perform tests and inspections. Allow inspectors access to scaffolding and work areas as needed to perform tests and inspections. Retesting of materials that fail to comply with specified requirements will be at Contractor's expense.
- B. Testing Prior to Construction: One set of tests.
- C. Clay Masonry Unit Test: For each type of unit provided, in accordance with ASTM C67/C67M for compressive strength.
- D. Mortar Aggregate Ratio Test (Proportion Specification): For each mix provided, in accordance with ASTM C780.
- E. Mortar Test (Property Specification): For each mix provided, in accordance with ASTM C780. Test mortar for mortar air content and compressive strength.

3.11 REPAIRING, POINTING, AND CLEANING

- A. Remove and replace masonry units that are loose, chipped, broken, stained, or otherwise damaged or that do not match adjoining units. Install new units to match adjoining units; install in fresh mortar, pointed to eliminate evidence of replacement.
- B. Pointing: During the tooling of joints, enlarge voids and holes, except weep holes, and completely fill with mortar. Point up joints, including corners, openings, and adjacent construction, to provide a neat, uniform appearance. Prepare joints for sealant application, where indicated.
- C. In-Progress Cleaning: Clean unit masonry as work progresses by dry brushing to remove mortar fins and smears before tooling joints.
- D. Final Cleaning: After mortar is thoroughly set and cured, clean exposed masonry as follows:

1. Remove large mortar particles by hand with wooden paddles and nonmetallic scrape hoes or chisels.
2. Test cleaning methods on sample wall panel; leave one-half of panel uncleaned for comparison purposes. Obtain Architect's approval of sample cleaning before proceeding with cleaning of masonry.
3. Clean brick by bucket-and-brush hand-cleaning method described in BIA Technical Notes 20.
4. Clean masonry with a proprietary acidic cleaner applied according to manufacturer's written instructions.

3.12 MASONRY WASTE DISPOSAL

- A. Salvageable Materials: Unless otherwise indicated, excess masonry materials are Contractor's property. At completion of unit masonry work, remove from Project site.

PART 4 - REFERENCE

4.1 Reference photograph.



4.2 Reference Photograph (Church Brick)



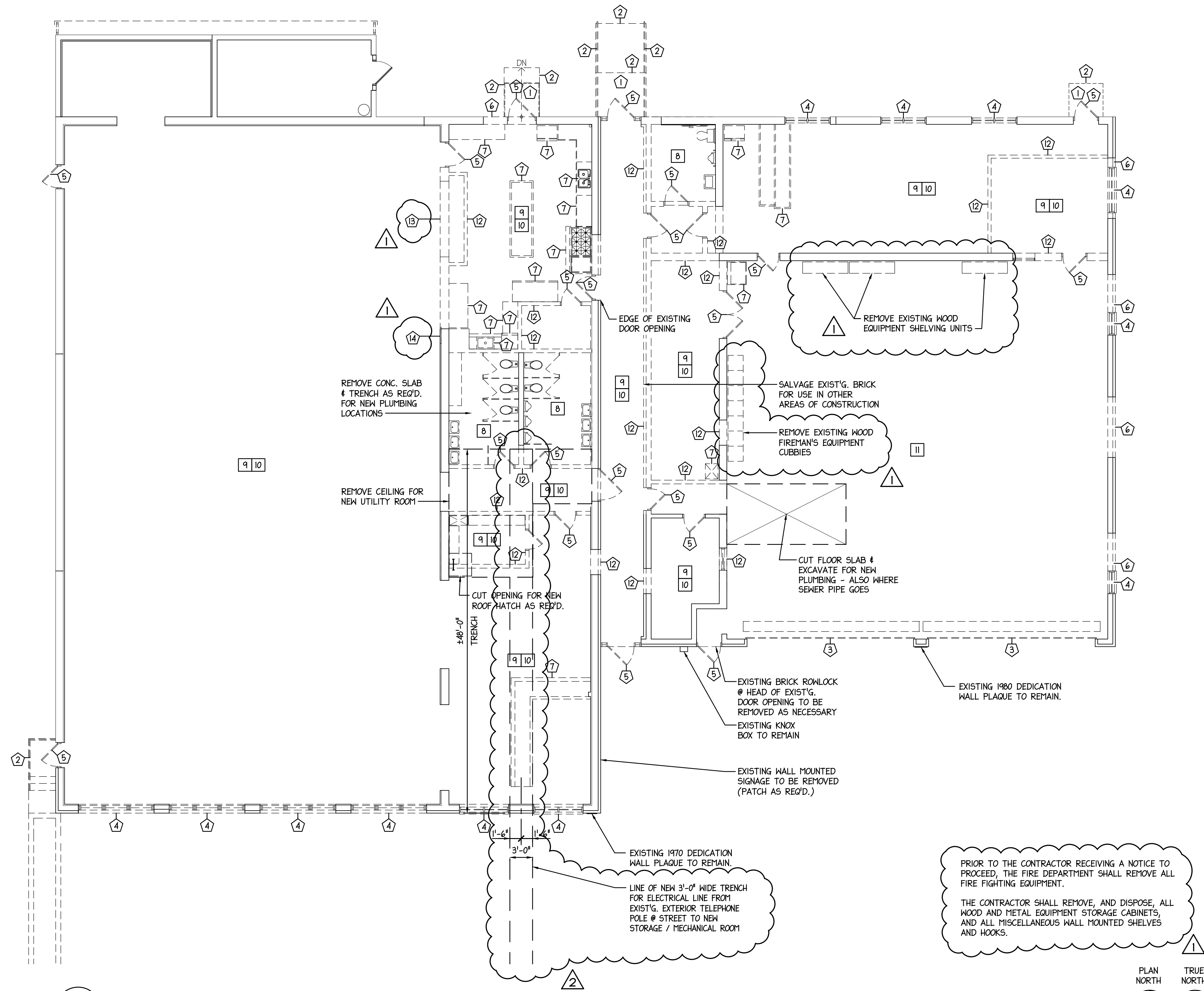
END OF SECTION 042613

SPECIFIC DEMOLITION NOTES

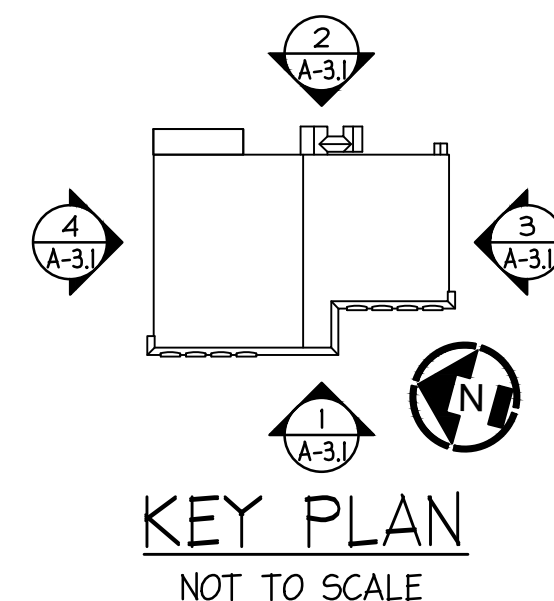
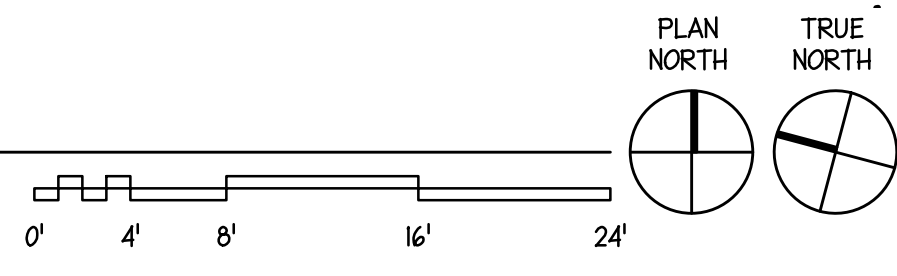
1. REMOVE EXISTING NON-STRUCTURAL, PREFABRICATED METAL ROOF ASSEMBLIES. WHERE MECHANICAL ANCHORS REMAIN WITHIN THE EXTERIOR WALL ASSEMBLY, CUT BACK AND GRIND DOWN TO FLUSH CONDITION WITH EXISTING WALL SURFACE.
2. REMOVE EXISTING CONCRETE RAMP, SLAB, OR STAIR, ASSEMBLY, AND ASSOCIATED FOUNDATIONS.
3. REMOVE EXISTING SECTIONAL, OVERHEAD, APPARATUS BAY DOORS.
4. REMOVE EXISTING EXTERIOR WINDOW ASSEMBLY, AND ALL ASSOCIATED INTERIOR WINDOW TREATMENTS.
5. REMOVE EXISTING DOOR & FRAME ASSEMBLY.
6. REMOVE PORTION OF EXISTING EXTERIOR WALL TO ACCOMMODATE NEW DOOR OR WINDOW ASSEMBLY, AND HEADER.
7. REMOVE EXISTING CASEWORK, WHERE MECHANICAL ANCHORS REMAIN, CUT BACK AND GRIND DOWN TO FLUSH CONDITION WITH EXISTING FLOOR OR WALL SURFACE.
8. WITHIN EXISTING RESTROOMS, REMOVE THE FOLLOWING:
 - ALL PLUMBING FIXTURES (SEE PLUMBING DRAWINGS).
 - ALL PRIVACY PARTITIONS.
 - ALL RESTROOM ACCESSORIES.
 - ALL FLOOR FINISHES. NOTIFY ARCHITECT IF CERAMIC MOSAIC FLOOR TILE WAS INSTALLED WITH A TRADITIONAL MUD BASE.
 - ALL CERAMIC WALL AND BASE TILE.
 - ALL SUSPENDED ACOUSTICAL CEILING ASSEMBLIES, INCLUDING HANGER WIRE.
9. REMOVE EXISTING VINYL TILE, ASSOCIATED WALL BASE, AND ALL FLOORING ADHESIVE / MASTIC.
10. REMOVE EXISTING SUSPENDED ACOUSTICAL CEILING SYSTEM, INCLUDING ALL FIXTURES WITHIN, AND ALL HANGER WIRES.
11. REMOVE EXISTING INSULATION MATERIAL, SECURED TO ROOF FRAMING SYSTEM, ABOVE APPARATUS BAYS.
12. REMOVE PORTION OF EXISTING PARTITION ASSEMBLY AS SHOWN. WHERE NEW DOORS ARE SHOWN ON THE CONSTRUCTION PLANS WITHIN EXISTING MASONRY PARTITIONS, REMOVE ADDITIONAL PARTITION MATERIAL TO ACCOMMODATE THE NEW HEADERS.
13. REMOVE EXISTING WALL FINISHES, COUNTERTOP AND CURTAIN, INCLUDING TRACK AND HARDWARE, AT KITCHEN SERVERY COUNTER.
14. REMOVE EXISTING HVAC WALL GRILLE. REFER TO MECHANICAL DEMOLITION DRAWINGS FOR ADDITIONAL ASSOCIATED DEMOLITION WORK.

GENERAL DEMOLITION NOTES

- A. DEMOLITION NOTES FOR DIFFERENT TRADES OCCUR ON OTHER DRAWINGS AND ARE INDICATED IN THE PROJECT MANUAL. THE CONTRACTOR SHALL REVIEW ALL CONTRACT DOCUMENTS FOR THE EXTENT OF THE WORK TO BE COMPLETED AND COORDINATED.
- B. CONTRACTOR WILL VERIFY ALL CONDITIONS PRIOR TO COMMENCING DEMOLITION. SHOULD QUESTIONS ARISE, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT IN WRITING PRIOR TO PROCEEDING WITH DEMOLITION.
- C. ITEMS TO BE SALVAGED OR RELOCATED SHALL BE AS INDICATED. SPECIAL CARE SHALL BE TAKEN SO AS NOT TO DAMAGE THESE ITEMS. THE CONTRACTOR SHALL COORDINATE WITH THE OWNER THE STORAGE OF ALL SALVAGED ITEMS TO BE EITHER RELOCATED OR REINSTALLED.
- D. LOCATIONS AND/OR ELEVATIONS OF EXISTING ITEMS, AS SHOWN ON THE DRAWINGS, ARE APPROXIMATE. ALL TRADES SHALL FIELD VERIFY ALL LOCATIONS.
- E. DEMOLITION WORK INCLUDES, BUT IS NOT LIMITED TO THE WORK INDICATED HEREIN, AS COORDINATED WITH WORK OF ALL OTHER TRADES, AS REQUIRED TO ACCOMMODATE NEW CONSTRUCTION.
- F. DEMOLITION DRAWINGS ARE ONLY FOR GENERAL INDICATION OF SCOPE OF WORK. ACTUAL CONDITIONS MAY VARY. CONTRACTOR SHALL VERIFY ACTUAL EXISTING CONDITIONS.
- G. ITEMS TO REMAIN ARE INDICATED ON THE DRAWINGS AND/ OR AS SPECIFICALLY NOTED. HOWEVER, THE DRAWINGS AND NOTES ARE NOT TOTALLY INCLUSIVE. ITEMS TO REMAIN SHALL BE PROTECTED THROUGHOUT THE DURATION OF THE PROJECT. REPAIR TO ALL DAMAGE INFLECTED TO ITEMS TO REMAIN SHALL BE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- H. ALL DEMOLITION WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE OWNER'S REGULATIONS. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING ALL RUBBISH AND WASTE AS REQUIRED, THROUGHOUT THE COURSE OF CONSTRUCTION, ACCUMULATED ON THE SITE FROM WORK BY ITS' OWN EMPLOYEES AND SUBCONTRACTORS. ALL DEBRIS SHALL BE REMOVED FROM THE CONSTRUCTION SITE DAILY AND IN ACCORDANCE WITH OWNERS' REQUIREMENTS AND DIRECTION.
- I. ALL AREAS ADJACENT TO AREA OF WORK SHALL BE PROTECTED AND BE RESTORED IF DAMAGED IN THE COURSE OF DEMOLITION TO THE SATISFACTION OF THE OWNER AND THE ARCHITECT. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS INCURRED FOR THESE DAMAGES.
- J. WHERE PARTITIONS ARE INDICATED FOR DEMOLITION, ALL OPENING COMPONENTS WITH THEIR ASSOCIATED HARDWARE, AND UTILITIES ATTACHED TO THE PARTITION SURFACES, SHALL ALSO BE DEMOLISHED.
- K. WHEN DEMOLISHING EXISTING UTILITIES, DEMOLISH BACK TO NEAREST JUNCTION WHERE SAID UTILITY SHALL REMAIN.
- L. GENERAL CONTRACTOR TO PROVIDE PHOTOGRAPHS, SUFFICIENTLY DETAILED, OF EXISTING CONDITIONS, OF ADJOINING CONSTRUCTION AND SITE IMPROVEMENTS THAT MIGHT BE MISCONSTRUED AS DAMAGE CAUSED BY SELECTIVE DEMOLITION OPERATIONS PRIOR TO THE START OF DEMOLITION.
- M. DO NOT CLOSE, BLOCK, OR OTHERWISE OBSTRUCT EXIT WAYS OF THE BUILDING.
- N. SURVEY THE CONDITION OF THE BUILDING(S) TO DETERMINE WHETHER REMOVING AN ELEMENT MIGHT RESULT IN STRUCTURAL DEFICIENCY OR UNPLANNED COLLAPSE OF ANY PORTION OF THE STRUCTURE DURING SELECTIVE DEMOLITION.
- O. REMOVE ELECTRICAL SWITCHES, RECEPTACLES, AND WIRES LOCATED WITHIN PARTITIONS TO BE REMOVED.
- P. REMOVE FROM BUILDING SITE: DEBRIS, RUBBISH AND OTHER MATERIALS RESULTING FROM DEMOLITION OPERATIONS. TRANSPORT AND LEGALLY DISPOSE OFF SITE. NOTIFY OWNER IF HAZARDOUS MATERIALS ARE ENCOUNTERED DURING DEMOLITION OPERATIONS.
- Q. EXISTING STRUCTURE TO REMAIN SHALL NOT BE DISTURBED. CONSULT WITH OWNER AND ARCHITECT REGARDING AREAS OF CONFLICT.
- R. MAINTAIN EXISTING UTILITIES INDICATED TO REMAIN IN SERVICE AND PROTECT THEM AGAINST DAMAGE DURING SELECTIVE DEMOLITION.
- S. LOCATE, IDENTIFY, SHUT OFF, DISCONNECT, AND SEAL OR CAP OFF UTILITY SERVICES SERVING EQUIPMENT LOCATED IN THE DEMOLITION AREA.
- T. PROVIDE TEMPORARY WEATHER PROTECTION, DURING INTERVAL BETWEEN DEMOLITION AND NEW CONSTRUCTION TO ENSURE THAT NO WATER LEAKAGE OR DAMAGE OCCURS TO STRUCTURE OR INTERIOR AREAS.
- U. RESTORE EXPOSED FINISHES OF PATCHED AREAS AND EXTEND FINISH RESTORATION INTO ADJOINING CONSTRUCTION TO REMAIN IN A MANNER THAT ELIMINATES EVIDENCE OF PATCHING AND REFINISHING.
- V. UPON COMPLETION OF DEMOLITION WORK, REMOVE TOOLS, EQUIPMENT, AND DEMOLISHED MATERIALS FROM SITE. REMOVE PROTECTION AND LEAVE INTERIOR AREAS BROOM CLEAN.
- W. COORDINATE OPENINGS FOR MECH, ELEC., AND PLUMB'G.
- X. EXISTING WALLS TO REMAIN SHALL BE PATCHED TO MATCH. EXIST'G, WHERE ANY INTERSECTING WALLS ARE DEMOLISHED.

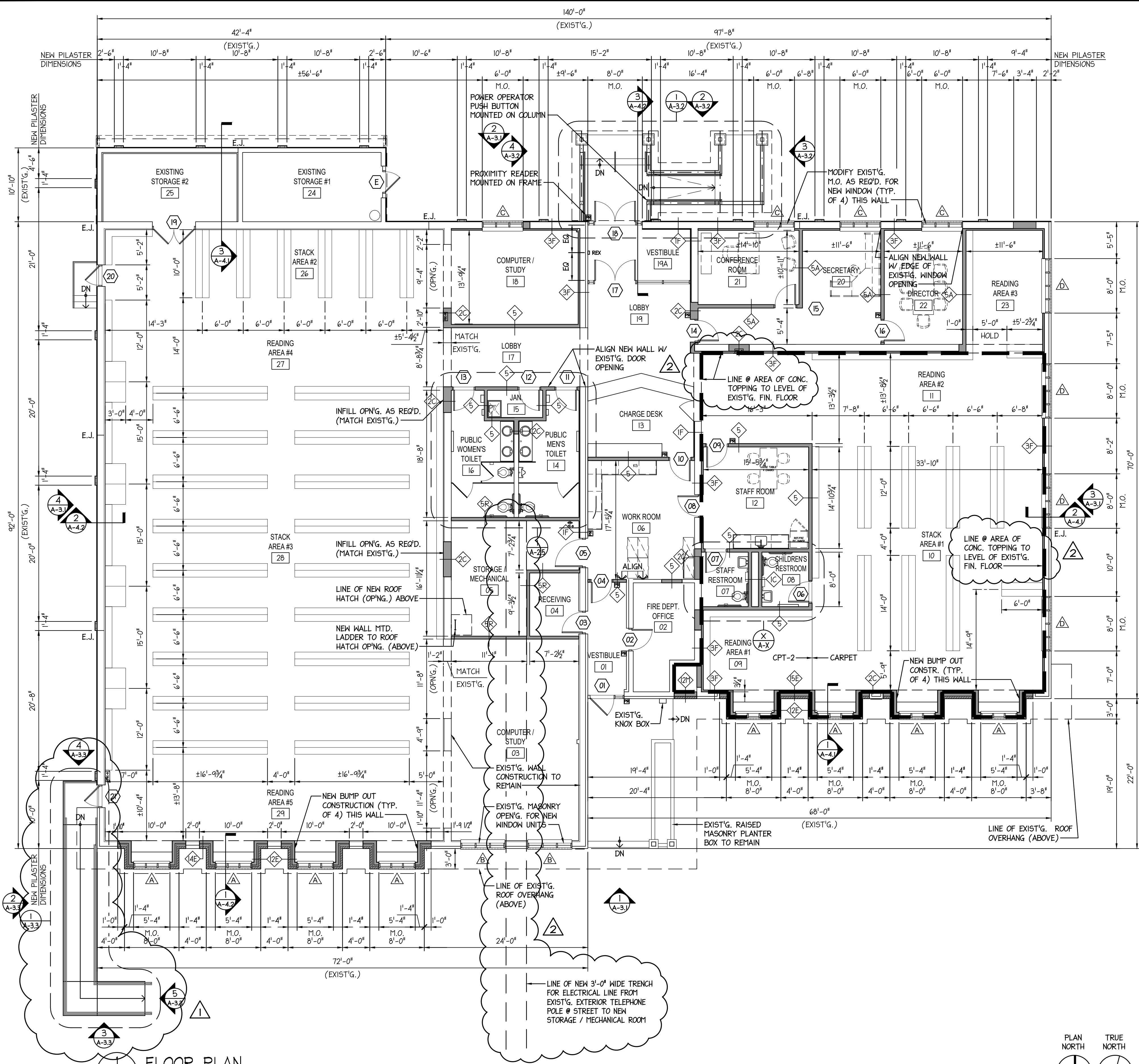


1 FLOOR DEMOLITION PLAN
 A-1.1 SCALE: 1/8" = 1'-0"



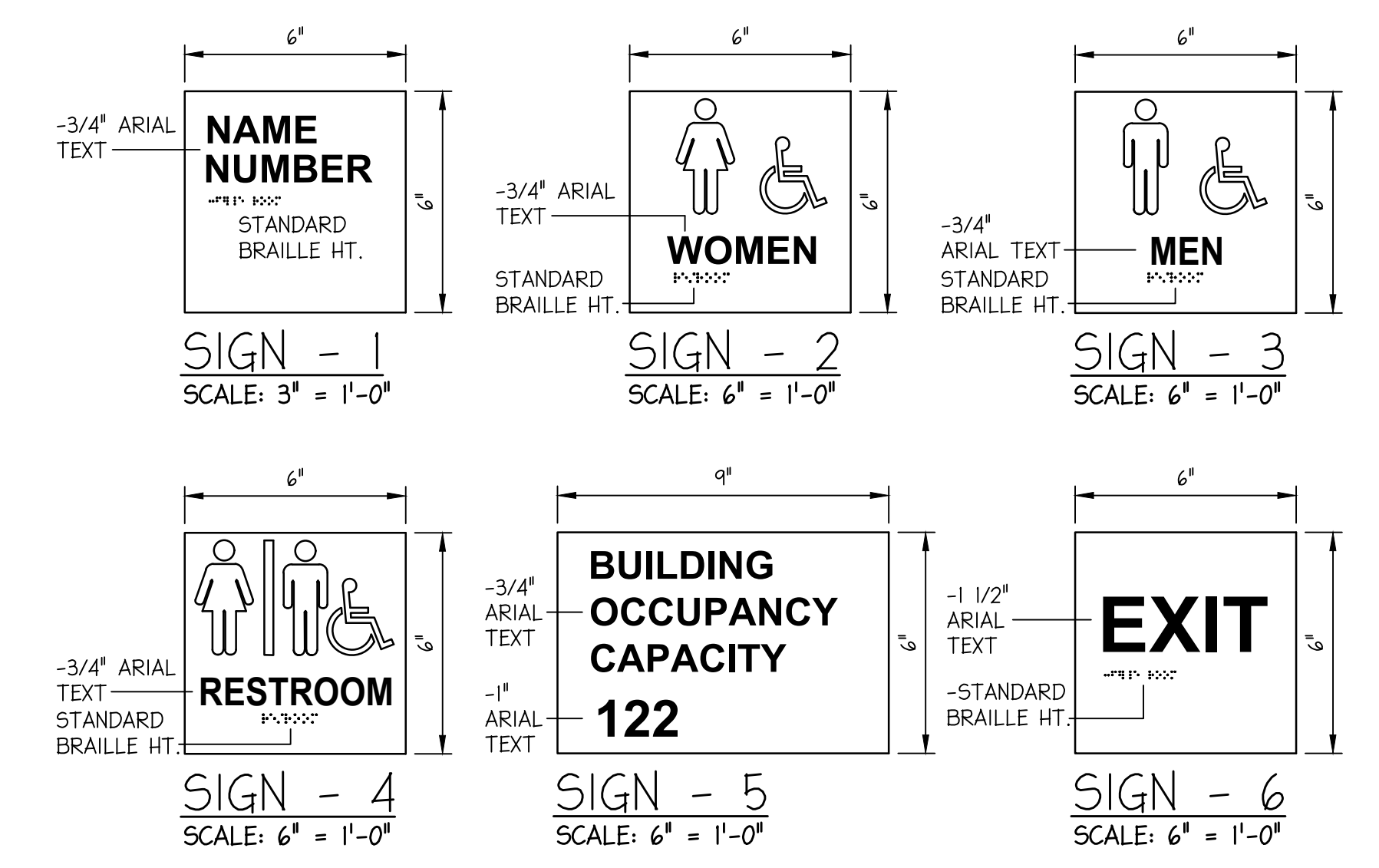
APR 24, 2024	ADDENDUM #8 - STEEL PLATES ABOVE @ BALINGS & AREA OF RAISED CONC. SLAB / ADDITION OF A 3'-0" WIDE TRENCH	MFF & JFM	
DEC 11, 2023	ADDENDUM #1	DF & JFM	
NOV 21, 2023	ISSUE FOR BID		
No.	DATE	DESCRIPTION	REV'D BY
REVISIONS			
APPROVAL:		PROJECT:	
Joseph F. McKernan Jr., R.A. 100 Dobbs Lane Suite 204 Cherry Hill, New Jersey 08034		WEST DEPTFORD FIRE HOUSE CONVERSION TO A LIBRARY 611 ACADEMY AVENUE WEST DEPTFORD, NEW JERSEY 08096	
		TITLE: FLOOR DEMOLITION PLAN	
JOSEPH F. MCKERNAN JR., R.A. <small>RI ARCH 44 1984 - PA ARCH 84-0442-X - CT ARCH 1934</small>		SCALE: AS NOTED PROJNO.: 124A DATE: 1/1/23	DRAWING NO: A-1.1
SEAL:		CHECKED BY: GES DRAWN BY: MFF/JFM	DURING THE COURSE OF THE PROJECT, THE CONTRACTOR SHALL VERIFY THE EXISTING CONDITIONS AND REPORT TO THE ARCHITECT IN WRITING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS INCURRED FOR THESE DAMAGES.

PLOT DATE & TIME: Apr 23, 2024 - 8:24am
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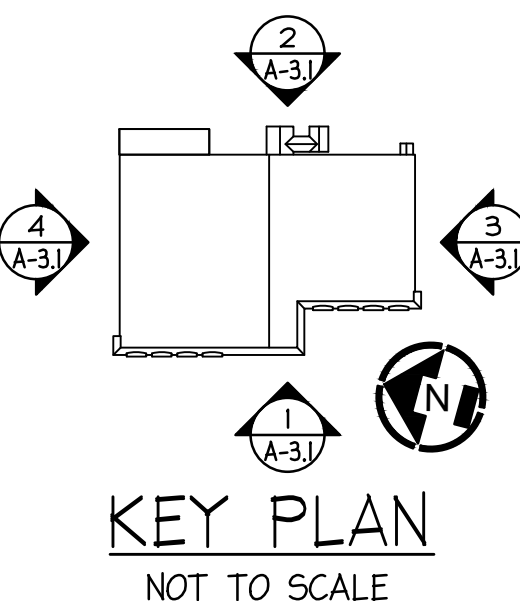
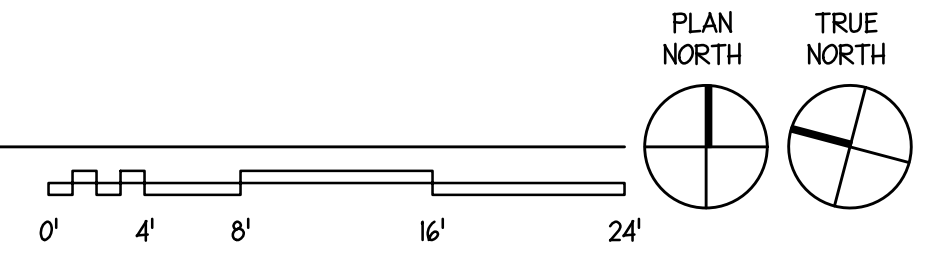


ROOM FINISH SCHEDULE							
ROOM NO.	ROOM NAME	FLOOR	BASE	WALLS	CEILING	HEIGHT	REMARKS
01	VESTIBULE	V.C.T.	V.C.B.	PTD.	A.C.T.	9'-0"	
02	FIRE DEPT. OFFICE	V.C.T.	V.C.B.	PTD.	A.C.T.	9'-0"	
03	COMPUTER STUDY	CARPET	V.C.B.	PTD. #	A.C.T.	10'-0"	# PREP. WOOD PANELING PRIOR TO PAINTING
04	RECEIVING	V.C.T.	V.C.B.	PTD.	A.C.T.	9'-0"	
05	STORAGE / MECHANICAL	V.C.T.	V.C.B.	PTD.	CS-PTD.	-	
06	WORKROOM	CARPET	V.C.B.	PTD.	A.C.T.	9'-0"	
07	STAFF RESTROOM	C.T.	C.T.C.B.	C.T. / PTD.	A.C.T.	9'-0"	
08	CHILDREN'S RESTROOM	C.T.	C.T.C.B.	C.T. / PTD.	A.C.T.	9'-0"	
09	READING AREA #1	CPT-2	V.C.B.	PTD.	A.C.T.	12'-0"	
10	STACK AREA #1	CARPET	V.C.B.	PTD.	A.C.T.	12'-0"	
11	READING AREA #2	CARPET	V.C.B.	PTD.	A.C.T.	12'-0"	
12	STAFF ROOM	CARPET	V.C.B.	PTD.	A.C.T.	9'-0"	
13	CHARGE DESK	CARPET	V.C.B.	PTD.	A.C.T.	12'-0"	
14	PUBLIC MEN'S TOILET	C.T.	C.T.C.B.	C.T. / PTD.	A.C.T.	9'-0"	
15	JAN. CLOSET	V.C.T.	V.C.B.	PTD.	A.C.T.	9'-0"	
16	PUBLIC WOMEN'S TOILET	C.T.	C.T.C.B.	C.T. / PTD.	A.C.T.	9'-0"	
17	LOBBY	CARPET	V.C.B.	PTD.	A.C.T.	9'-0"	
18	COMPUTER STUDY	CARPET	V.C.B.	PTD.	A.C.T.	10'-0"	
19	LOBBY	CARPET	V.C.B.	PTD.	A.C.T.	12'-0"	
19A	VESTIBULE	#	V.C.B.	PTD.	A.C.T.	12'-0"	# RAISED RUBBER
20	SECRETARY	CARPET	V.C.T.	PTD.	A.C.T.	9'-0"	
21	CONFERENCE ROOM	CARPET	V.C.T.	PTD.	A.C.T.	9'-0"	
22	DIRECTOR	CARPET	V.C.T.	PTD.	A.C.T.	9'-0"	
23	READING AREA #3	CARPET	V.C.T.	PTD.	A.C.T.	9'-0"	
24	EXISTING STORAGE #1	CONCRETE	-	PTD.	-	-	
25	EXISTING STORAGE #2	CONCRETE	-	PTD.	-	-	
26	STACK AREA #2	CARPET	V.C.T.	PTD. #	A.C.T.	±10'-8"	# PREP. WOOD PANELING PRIOR TO PAINTING
27	READING AREA #4	CARPET	V.C.B.	PTD. #	A.C.T.	±10'-8"	# PREP. WOOD PANELING PRIOR TO PAINTING
28	STACK AREA #3	CARPET	V.C.B.	PTD. #	A.C.T.	±10'-8"	# PREP. WOOD PANELING PRIOR TO PAINTING
29	READING AREA #5	CARPET	V.C.B.	PTD. #	A.C.T.	±10'-8"	# PREP. WOOD PANELING PRIOR TO PAINTING

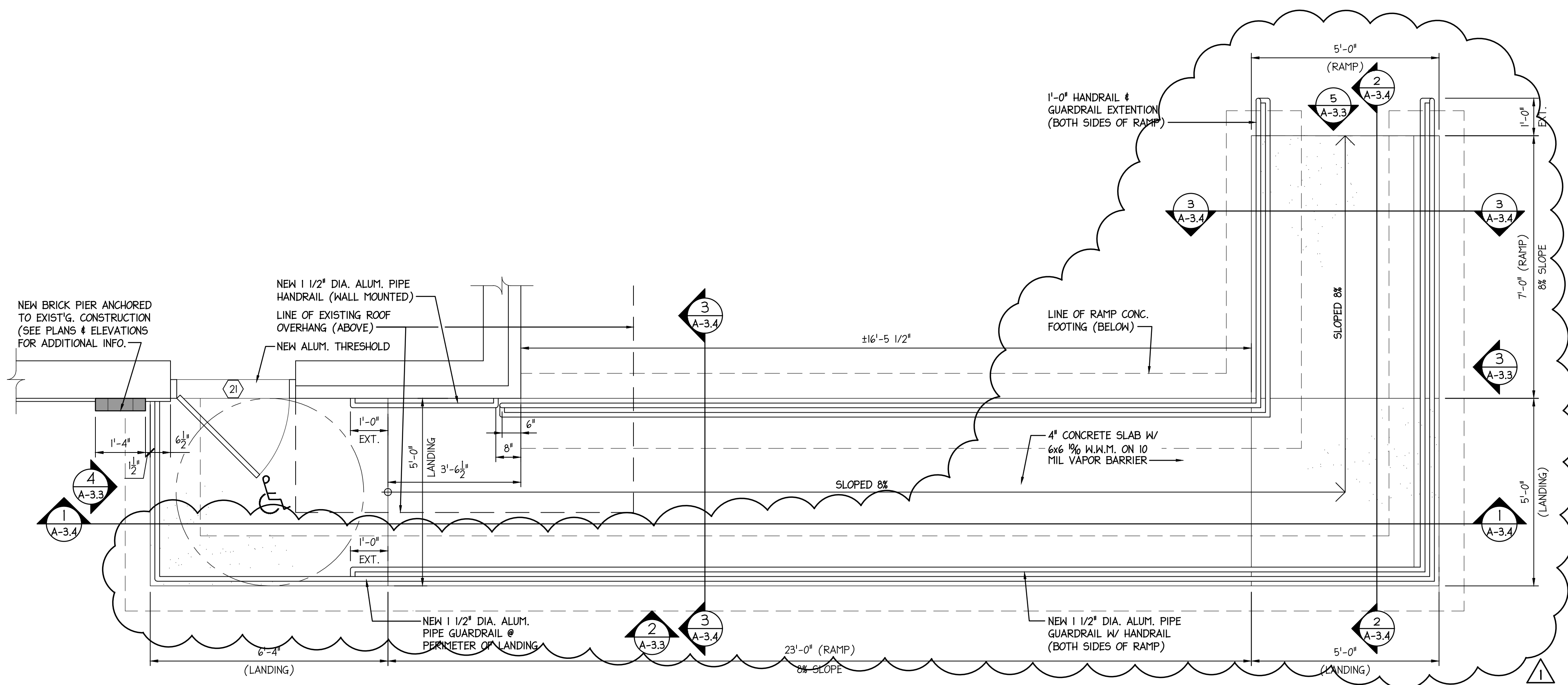
SCHEDULE NOTES:
 1. FLOOR FINISH 'CPT-2' WITHIN READING AREA #1, IS A SOLID ACCENT COLOR CARPET TILE USED TO DEFINE THE CHILDREN'S READING AREA.



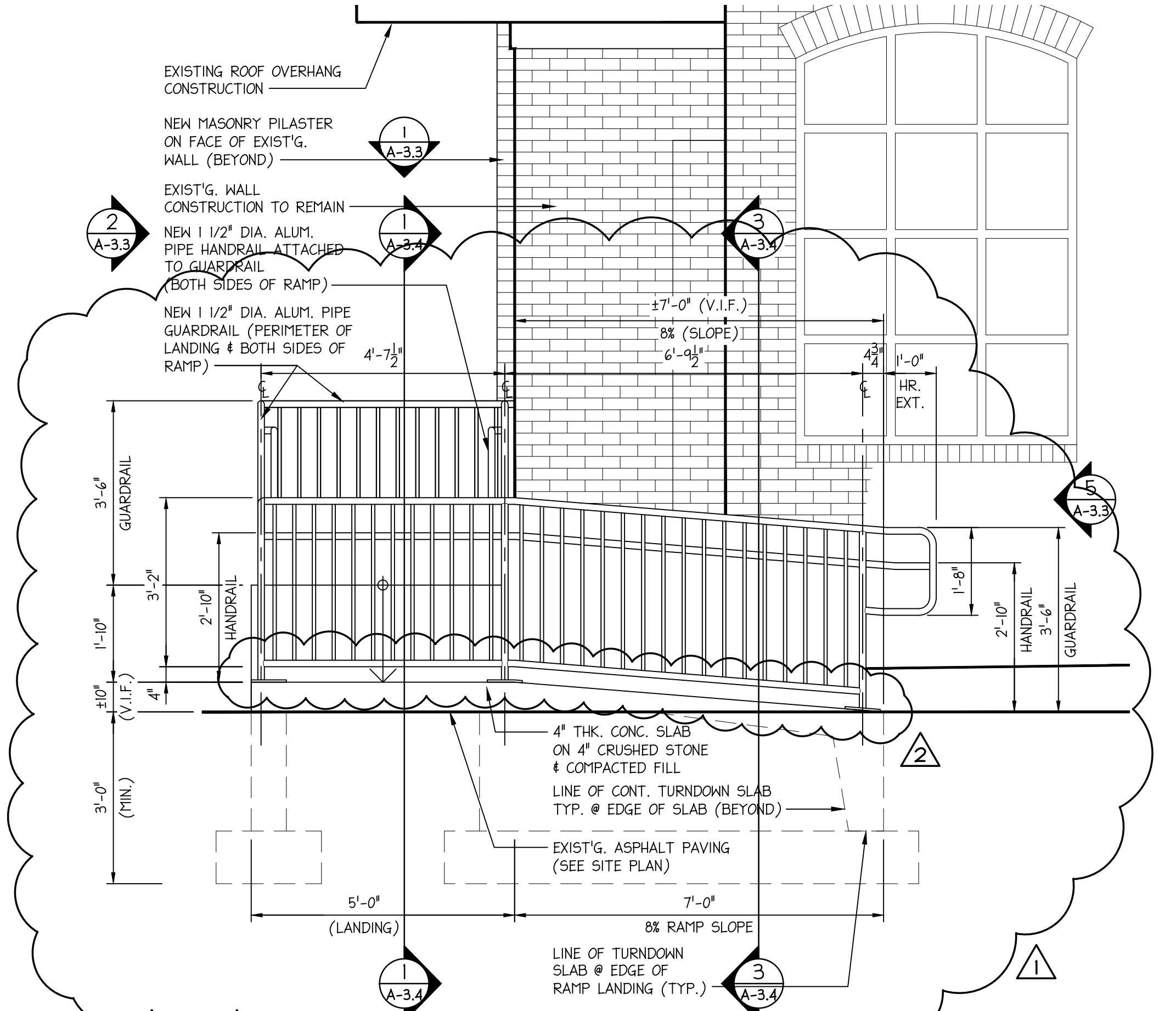
FLOOR PLAN
 SCALE: 1/8" = 1'-0" NOTE: SEE SHEET A-2.6 FOR PARTITION TYPES



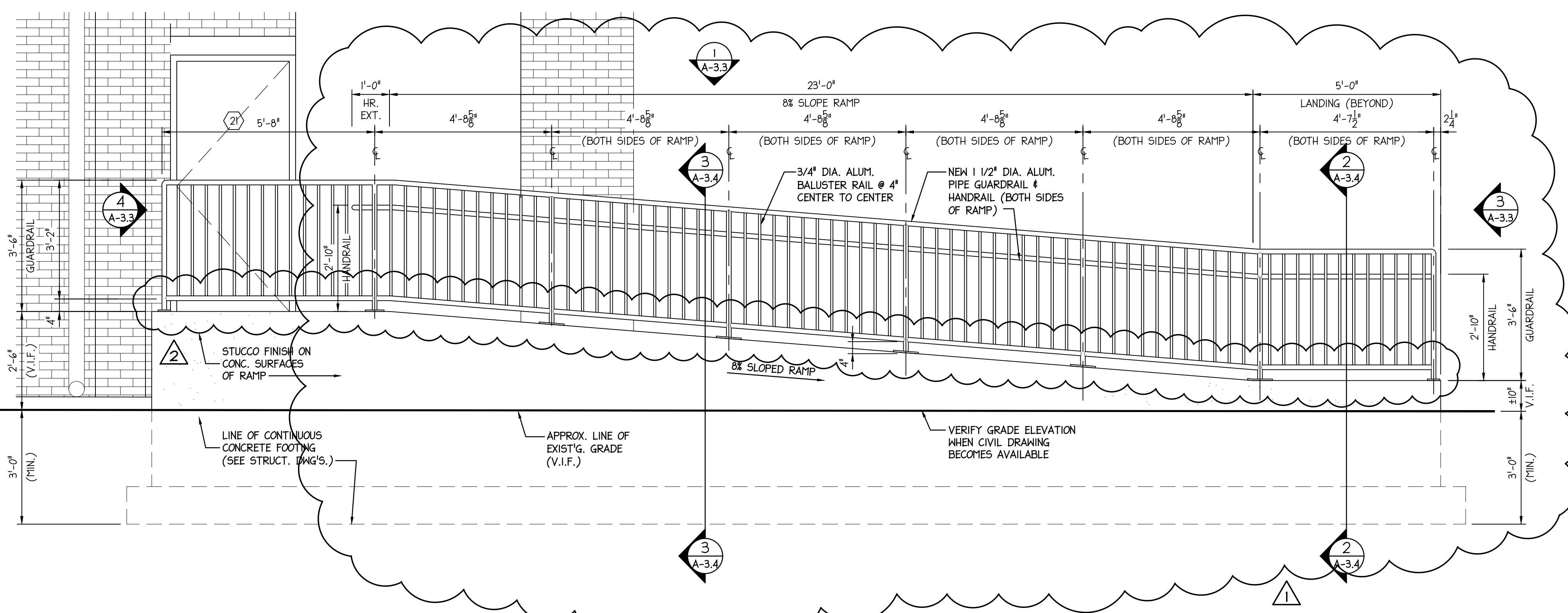
APRIL 24, 2024	ADDENDUM #8 - STEEL PLATES ADDED @ BALINGS & AREA OF RAISED CONC. SLAB / ADDITION OF A 3'-0" WIDE TRENCH	OF & JFM
FEB. 27, 2024	ADDENDUM #3	OF & JFM
NOV. 21, 2023	ISSUE FOR BID	REVD BY:
No.	DATE	DESCRIPTION
REVISIONS		
APPROVAL:	PROJECT:	
WEST DEPTFORD FIRE HOUSE CONVERSION TO A LIBRARY		
611 ACADEMY AVENUE WEST DEPTFORD, NEW JERSEY 08096		
Joseph F. McKernan Jr., Architects & Associates 100 Dobbs Lane Suite 204 Cherry Hill, New Jersey 08034		TITLE: FLOOR PLAN, ROOM FINISH SCHEDULE & PART. TYPES
JOSEPH F. MCKERNAN JR., R.A. NJ ARCH 00184 - PA ARCH RA-0420-X - CT ARCH 0034	SEAL:	DRAWING NO: A-2.1
DESIGNING MUST BE VERIFIED BY CONTRACTOR UNDER THE SUPERVISION OF AN ARCHITECT OR PROFESSIONAL ENGINEER DO NOT SCALE DRAWING.		SCALE: AS NOTED DATE: 1/11/23 REVD BY: GES DRAWN BY: HFF/DF
SHEET METRICS & ASSOC. SHEET 002		DATE: 1/11/23



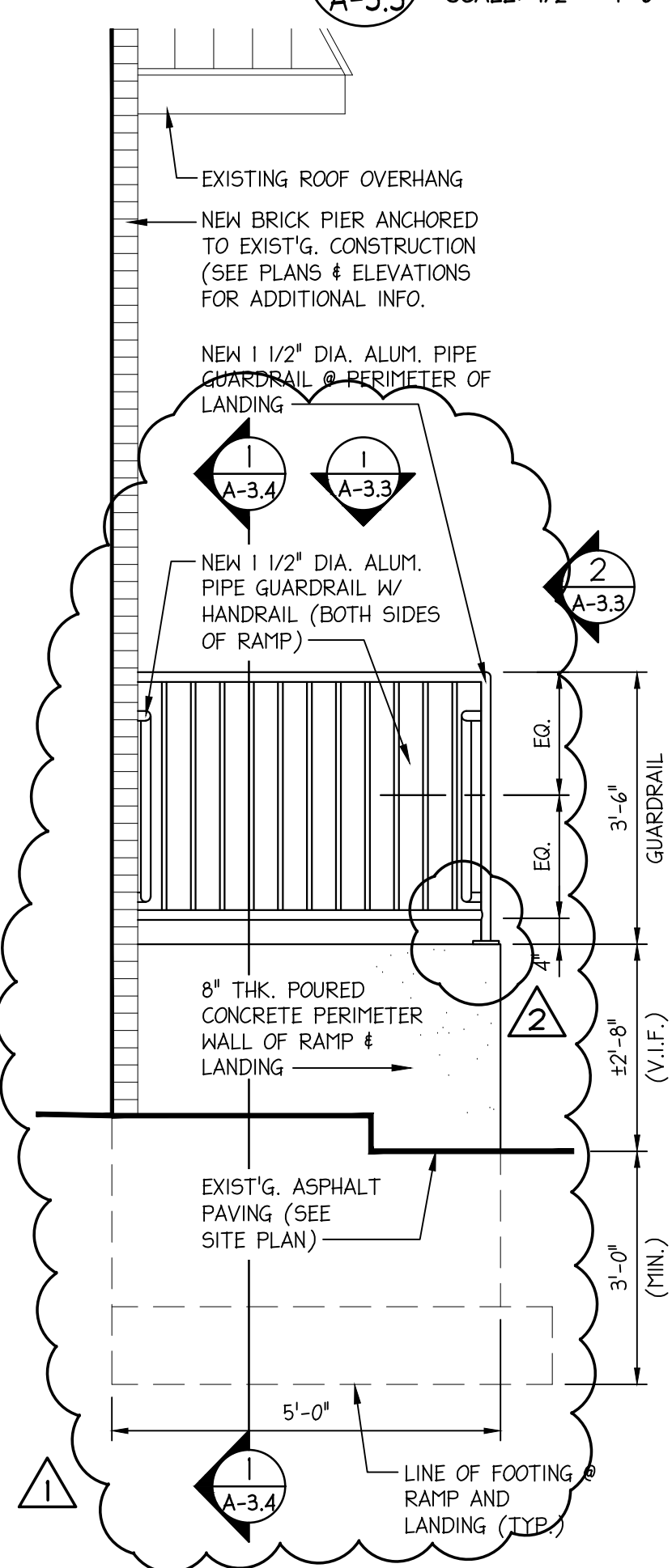
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A-3.3
SIDE HANDICAPPED ACCESS RAMP PLAN
SCALE: 1/2" = 1'-0"



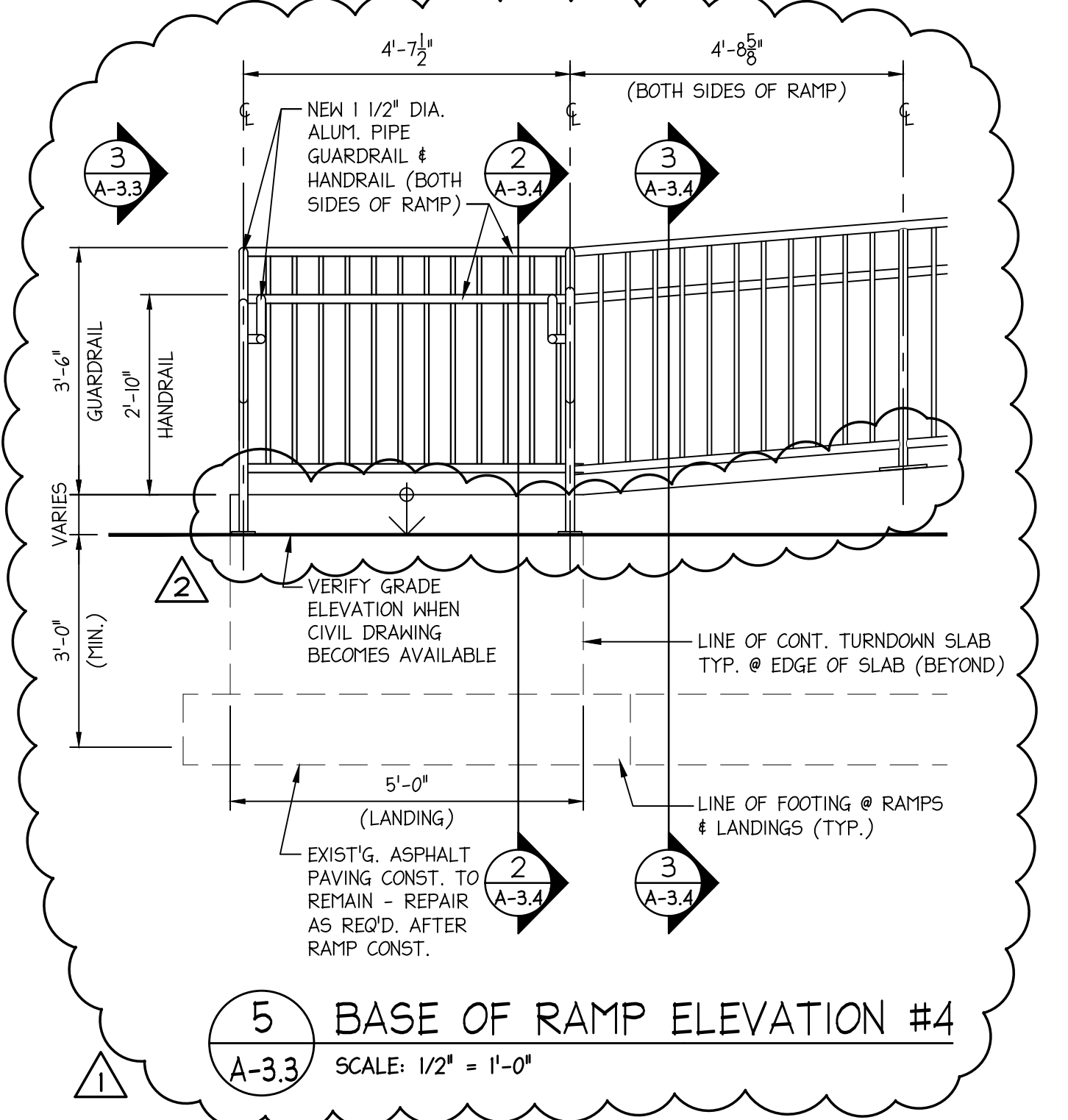
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A-3.3
SIDE HANDICAPPED ACCESS RAMP ELEVATION #2
SCALE: 1/2" = 1'-0"



2
A-3.3
SIDE HANDICAPPED ACCESS RAMP ELEVATION #1
SCALE: 1/2" = 1'-0"



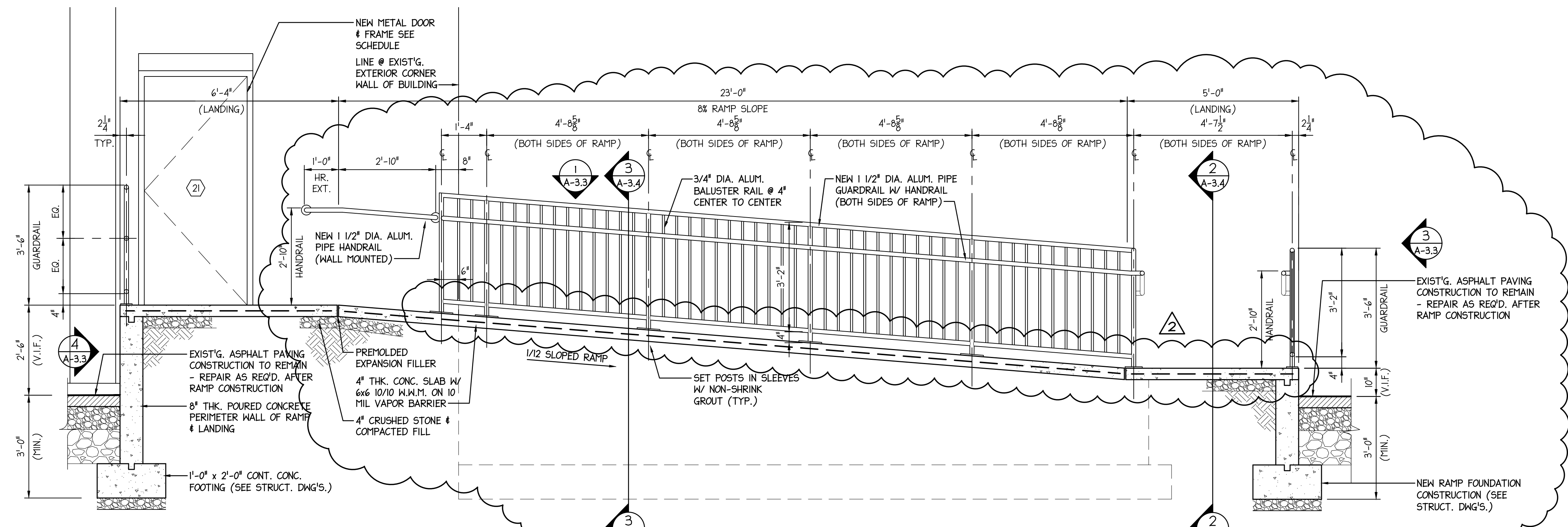
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A-3.3
SIDE HANDICAPPED ACCESS RAMP ELEVATION #3
SCALE: 1/2" = 1'-0"



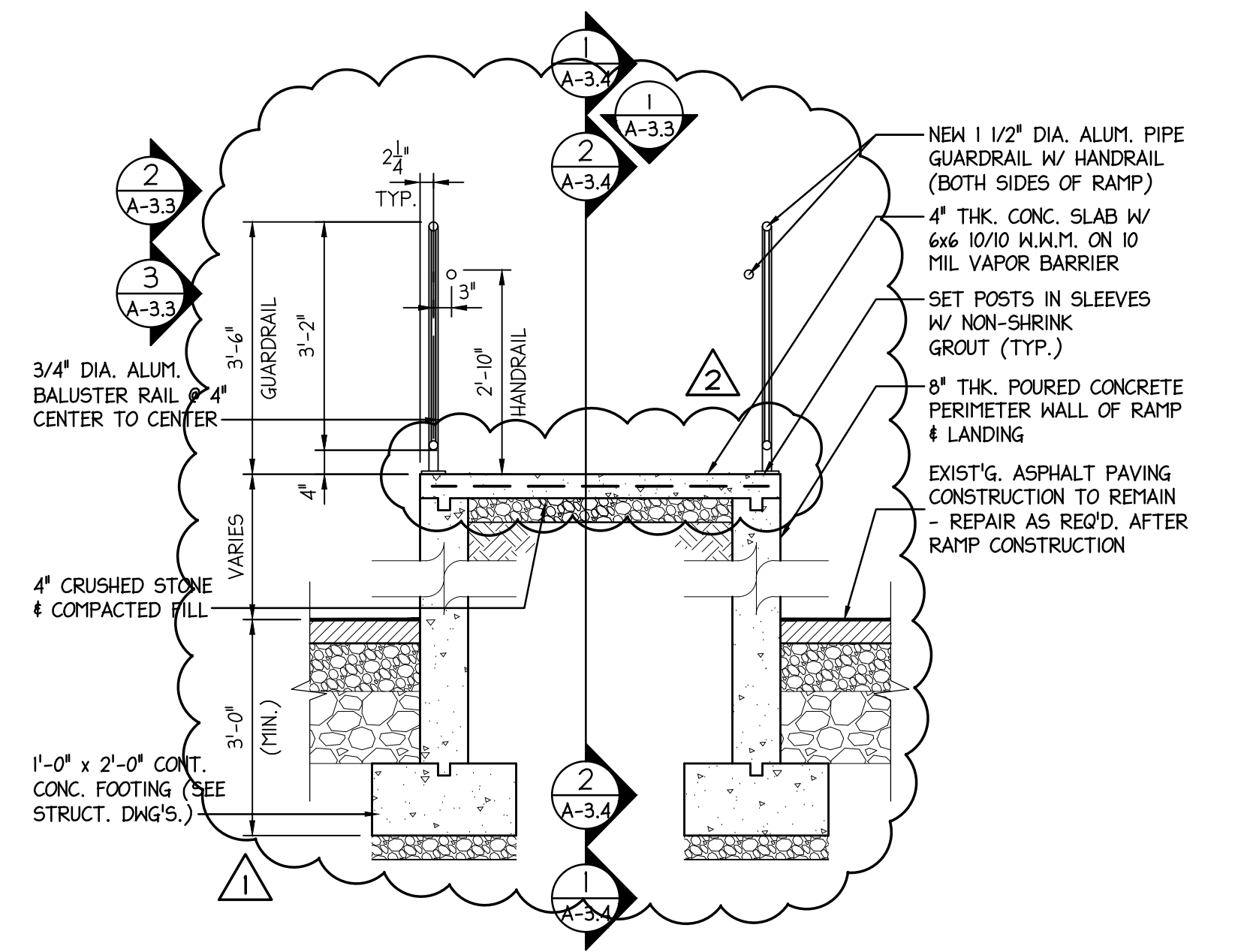
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A-3.3
BASE OF RAMP ELEVATION #4
SCALE: 1/2" = 1'-0"

APR 24, 2024	ADDENDUM #8 - STEEL PLATES ADDED @ BALINGS & AREA OF RAISED CONC. SLAB / ADDITION OF A 3'-0" WIDE TRENCH	OF & JFM
FEB 27, 2024	ADDENDUM #3	OF & JFM
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No.	DATE	DESCRIPTION
REVISIONS		
APPROVAL:	PROJECT:	
WEST DEPTFORD FIRE HOUSE CONVERSION TO A LIBRARY		
611 ACADEMY AVENUE WEST DEPTFORD, NEW JERSEY 08096		
Joseph F. McKernan Jr., Architects & Associates 100 Dobbs Lane Suite 204 Cherry Hill, New Jersey 08034		TITLE: HANDICAP RAMP PLANS & ELEVATIONS
JOSEPH F. MCKERNAN JR., R.A. NJ ARCH # 0484 - PA ARCH RA-0482-K - CT ARCH 1504	SCALE: AS NOTED	DRAWING NO: A-3.3
SEAL:	DATE: 1/11/23	PROJNO.: 1214A
REVD BY: GES	DRAWN BY: GES	DATE: 1/11/23
DESIGNED BY: GES	CHECKED BY: HFF/DF	DATE: 1/11/23
DATE: 1/11/23	SCALE: AS NOTED	DRAWING NO: A-3.3

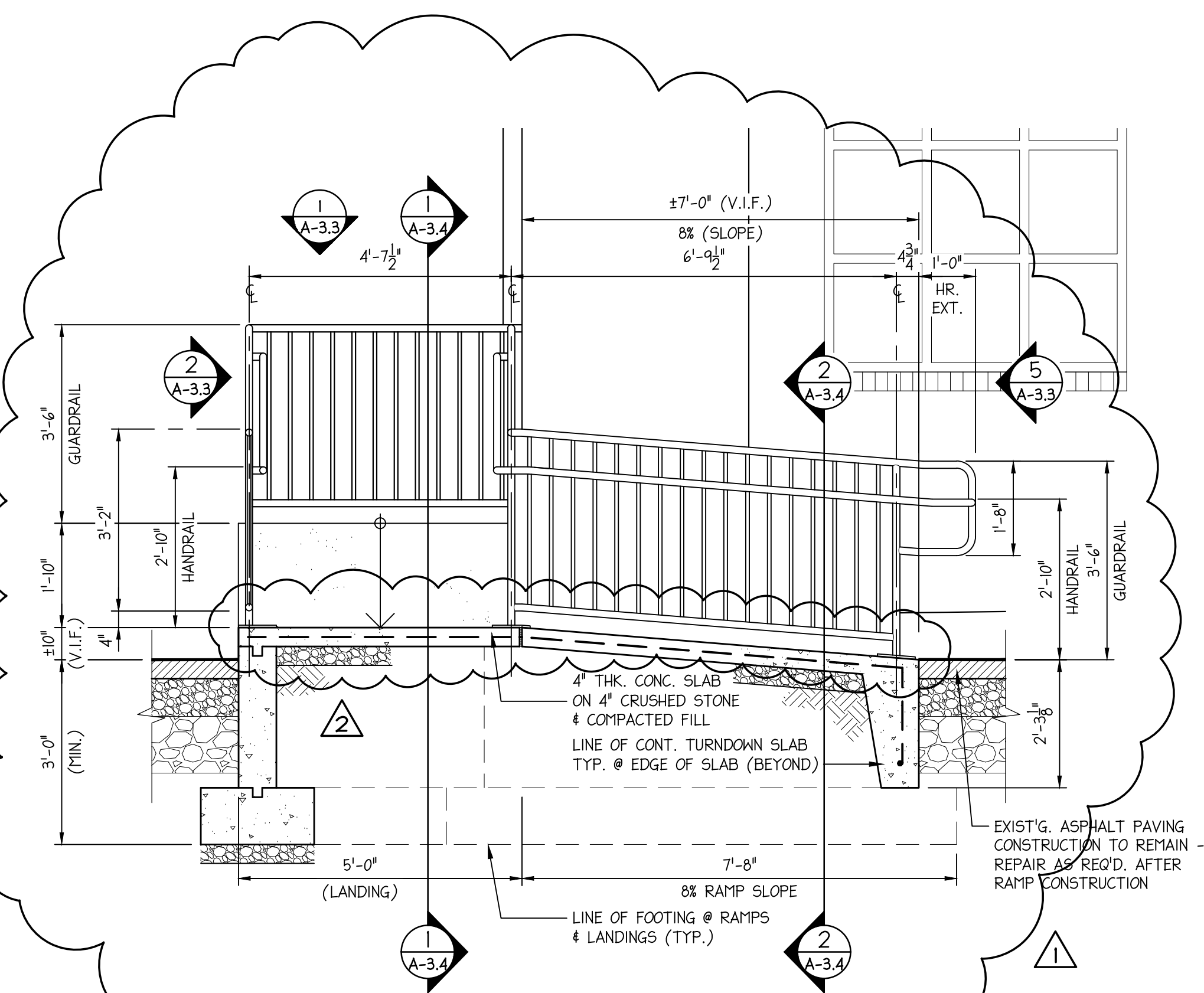
PLOT DATE & TIME: Apr 23, 2024 - 8:26am
FILE PATH: J:\1214A\CAD\1214 A-3.3.dwg



1
A-3.4
SIDE HANDICAPPED ACCESS RAMP SECTION #1
SCALE: 1/2" = 1'-0"



3
A-3.4
SIDE HANDICAPPED ACCESS RAMP SECTION #3
SCALE: 1/2" = 1'-0"



2
A-3.4
SIDE HANDICAPPED ACCESS RAMP SECTION #2
SCALE: 1/2" = 1'-0"

No.	DATE	DESCRIPTION	REVISIONS	REV'D BY
1	APR 24, 2024	ADDENDUM #8 - STEEL PLATES ADDED @ BALINGS & AREA OF RAISED CONG. SLAB / ADDITION OF A 3'-0" WIDE TRENCH		DF & JFM
2	FEB 27, 2024	ADDENDUM #3 - NEW SHEET		DF & JFM
3	NOV 21, 2023	ISSUE FOR BID		

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	Joseph F. McKernan Jr., Architects & Associates 100 Dobbs Lane Suite 204 Cherry Hill, New Jersey 08034	TITLE:	HANDICAP RAMP SECTIONS & DETAILS
JOSEPH F. MCKERNAN JR., R.A. NJ ARCH # 1084 - PA ARCH RA-0442-X - CT ARCH 1034	SEAL:	SCALE: AS NOTED	DRAWING NO: A-3.4
DRAWING MUST BE VERIFIED BY CONTRACTOR WITH THE PROVIDER OF ANY DIMENSIONS BEFORE PROCEEDING WITH CONSTRUCTION. ANY DO NOT SCALE DRAWING.		DATE: 1/11/23	REVISIONS:
DESIGNED BY: JFM		DATE: 1/11/23	REVISIONS:
CHECKED BY: JFM		DATE: 1/11/23	REVISIONS:

KEY NOTES

- MOTORIZED DAMPER PROVIDE 2 #12 & 1 #12G, 3/4" C. FOR CONTROL WIRING TO RESPECTIVE HVAC EQUIPMENT. REFER TO MECHANICAL PLANS FOR FURTHER INFORMATION.

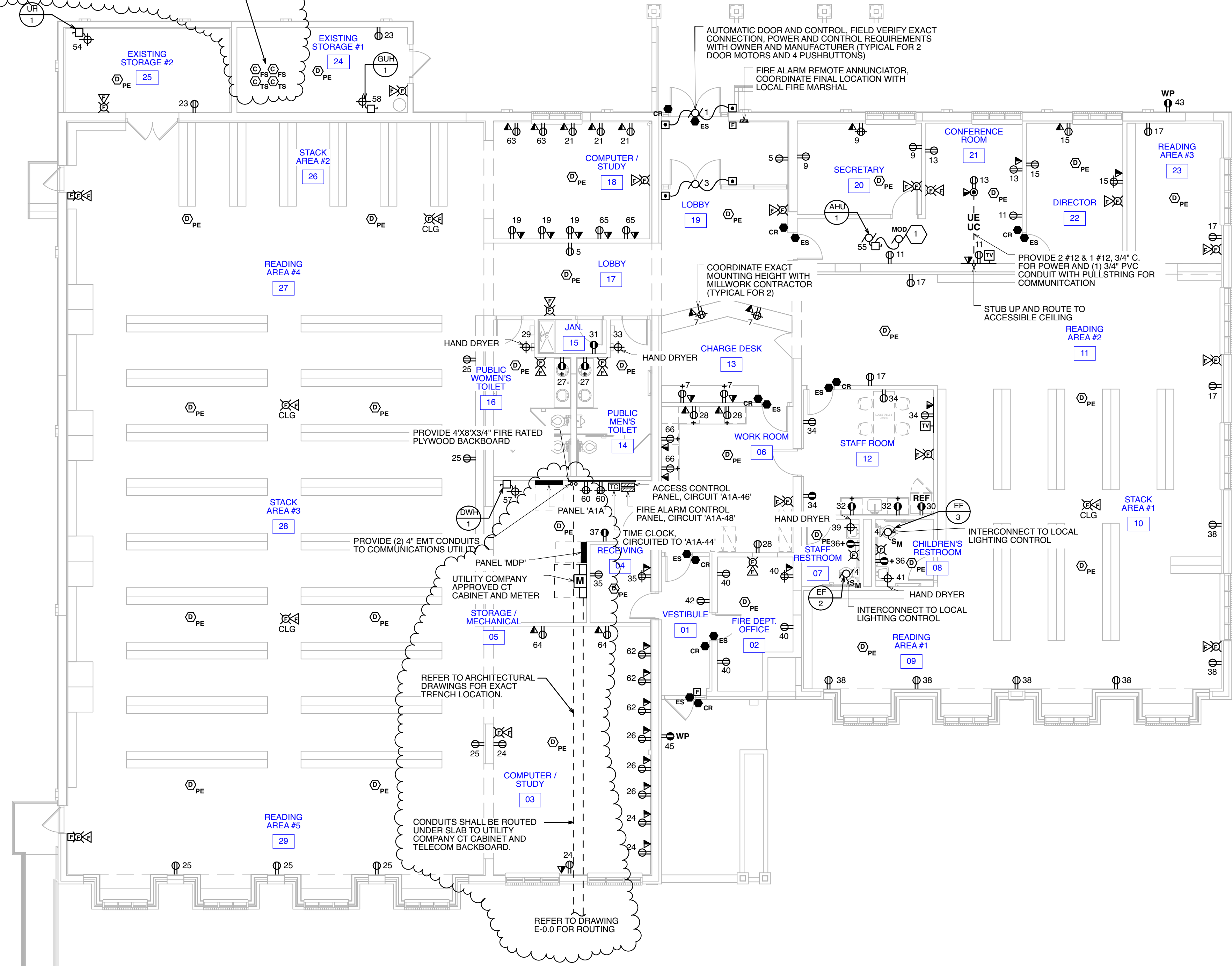
DRAWING NOTES

- FIELD VERIFY LOCATION OF ALL WIRING DEVICES WITH ARCHITECT PRIOR TO ROUGH-IN.
- COORDINATE INSTALLATION OF HVAC EQUIPMENT WITH MECHANICAL CONTRACTOR AND WIRE DISCONNECT SWITCHES FURNISHED BY MECHANICAL CONTRACTOR.
- MOTORIZED DAMPERS REFER TO MECHANICAL PLANS FOR EXACT LOCATION INTERCONNECT TO LOCAL AHU AS DIRECTED BY M.C.
- UNLESS OTHERWISE NOTED, ALL POWER SHALL BE CIRCUITED TO PANEL 'A1A'.
- COORDINATE ALL LOW VOLTAGE WORK WITH OWNER AND OWNER'S LOW VOLTAGE VENDOR. ELECTRICAL CONTRACTORS SHALL FURNISH AND INSTALL ALL BACK BOXES WITH CONDUIT AND PULL STRING TO ACCESSIBLE CEILING SPACE.

DEMOLITION NOTES

- WHERE EXISTING FACILITIES ARE BEING ALTERED, DISCONNECT AND REMOVE OR RELOCATE ALL EXISTING ELECTRICAL WORK THAT INTERFERES WITH OR IS NECESSARY BECAUSE OF NEW CONSTRUCTION AS SPECIFIED, SHOWN OR REQUIRED.
- PERFORM ALTERATION AND ADDITIONS TO PRESENT ELECTRICAL SYSTEM WITH AM MINIMUM INTERRUPTION IN THE OPERATION OF THESE SYSTEMS. OBTAIN WRITTEN CLEARANCE FROM OWNER FOR SUCH INTERRUPTIONS AND SCHEDULE SAME AT WHATEVER TIME SPECIFIED IN WRITING BY OWNER.
- WHERE SPECIFIED OR REQUIRED, EXTEND EXISTING SYSTEMS OR TIE INTO SAME TO PROVIDE A COMPLETE COORDINATED ELECTRICAL SYSTEM TO SATISFACTION OF OWNER AND ARCHITECT.
- ALL EXISTING WORK TO REMAIN, BUT DISTURBED AND DISCONNECTED BECAUSE OF ALTERATIONS AND NEW CONSTRUCTION SHALL BE REPLACED AND PUT IN OPERATING CONDITION UNLESS INSTRUCTED OTHERWISE IN WRITING BY OWNER OR ARCHITECT.
- EXISTING BRANCH CIRCUITS NOT SHOWN SHALL REMAIN INTACT TO EXTENT PRACTICABLE, AND SHALL BE EXTENDED AS REQUIRED.
- DISCONNECT AND REMOVE EXISTING WIRING DEVICES, LIGHTING FIXTURES AND ASSOCIATED BRANCH CIRCUIT WIRING NO LONGER REQUIRED BY NEW CONSTRUCTION.
- PERFORM ALL WORK NECESSARY TO PERMIT OPERATION OF ALL EXISTING SYSTEMS DURING THE CONSTRUCTION PERIOD. PROVIDE AND MAINTAIN APPLICABLE APPROVED TEMPORARY WIRING TO MEET THIS REQUIREMENT.
- DEMOLISH AND REMOVE EXISTING ELECTRICAL EQUIPMENT, FEEDERS AND CONDUIT NO LONGER REQUIRED BY NEW CONSTRUCTION BACK TO ELECTRICAL PANEL.
- ALL CIRCUIT BREAKERS NO LONGER REQUIRED BY NEW CONSTRUCTION SHALL BE MADE SPARE AND SET OPEN POSITION.
- ELECTRICAL CONTRACTOR SHALL UPDATE PANEL DIRECTORIES AT THE COMPLETION OF WORK.
- THE CONTRACTOR SHALL VISIT SITE PRIOR TO SUBMITTING HIS PROPOSAL TO VERIFY ACTUAL SITE CONDITIONS AND ANY DISCOVERED DISCREPANCIES BETWEEN DRAWINGS AND SITE CONDITIONS SHALL BE BROUGHT TO THE OWNER'S ATTENTION PRIOR TO SUBMITTING THEIR BID. THE CONTRACTOR SHALL INCLUDE ALL DEMOLITION WORK EXPOSED AND CONCEALED, WHETHER OR NOT SHOWN ON DRAWINGS, NECESSARY FOR THE EFFECTIVE INSTALLATION AND PERFORMANCE OF NEW SYSTEM. THE OWNER SHALL NOT ACCEPT (NOR THE CONTRACTOR PAID) EXTRA COSTS ASSOCIATED WITH THE DEMOLITION AND/OR TEMPORARY REMOVAL/REINSTALLATION WORK FROM THE CONTRACTOR.

COORDINATE QUANTITY AND LOCATION OF FLOW AND TAMPER SWITCHES WITH FIRE SUPPRESSION CONTRACTOR. PROVIDE FIRE ALARM MONITORING MODULES AT EACH LOCATION THROUGHOUT BUILDING.



AUTOMATIC DOOR AND CONTROL. FIELD VERIFY EXACT CONNECTION, POWER AND CONTROL REQUIREMENTS WITH OWNER AND MANUFACTURER (TYPICAL FOR 2 DOOR MOTORS AND 4 PUSHBUTTONS)

FIRE ALARM REMOTE ANNUNCIATOR. COORDINATE FINAL LOCATION WITH LOCAL FIRE MARSHAL

COORDINATE EXACT MOUNTING HEIGHT WITH MILLWORK CONTRACTOR (TYPICAL FOR 2)

PROVIDE 2 #12 & 1 #12, 3/4" C. FOR POWER AND (1) 3/4" PVC CONDUIT WITH PULLSTRING FOR COMMUNICATION

STUB UP AND ROUTE TO ACCESSIBLE CEILING

PROVIDE 4'X8'X3/4" FIRE RATED PLYWOOD BACKBOARD

PROVIDE (2) 4" EMT CONDUITS TO COMMUNICATIONS UTILITY

REFER TO ARCHITECTURAL DRAWINGS FOR EXACT TRENCH LOCATION

CONDUITS SHALL BE ROUTED UNDER SLAB TO UTILITY COMPANY CT CABINET AND TELECOM BACKBOARD.

REFER TO DRAWING E-0.0 FOR ROUTING

1 FIRST FLOOR POWER PLAN
SCALE: 1/8" = 1' - 0"

APR 24, 2024	ADDENDUM 8		
NOV 21, 2023	ISSUE FOR BID		
No.	DATE	DESCRIPTION	REV'D BY
REVISIONS			
APPROVAL:	PROJECT:		
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		TITLE: FIRST FLOOR POWER PLAN	
3839 Paradise Blvd., Suite 603 Trevose, PA 19053 O: (215) 322-7711 F: (215) 322-7709 www.holsteinwhite.com	SEAL: JEFFREY E. HOLSTEIN NJ P.E. NO. 3462944400 NJ AUTH. NO. 34629443700	DRAWINGS MUST BE VERIFIED BY CONTRACTOR WITH THE ARCHITECT OR AN INSPECTOR BEFORE PROCEEDING WITH CONSTRUCTION. SCALE: AS NOTED PROJ. NO.: 23-1110 DATE: 4/24/24 REV'D: JEH EP DRAWN BY: JCI/JEH CH'D BY: JCI/JEH	DRAWING NO: E-1.0