

SECTION 07 25 00 - WEATHER BARRIER

PART 1 - GENERAL

1.1 SECTION INCLUDES

- A. Sheet applied weather barrier and related accessories for wall air/moisture barrier system over plywood sheathing on wood framing.

1.2 RELATED SECTIONS

- A. Wood framing and bracing: SECTION 06 10 00, ROUGH CARPENTRY.
- B. Sheathing: SECTION 06 10 00, ROUGH CARPENTRY.
- C. Exterior wall insulation : SECTION 07 21 13, INSULATION.
- D. Siding: SECTION 07 46 10, FIBER CEMENT SIDING.

1.3 APPLICABLE PUBLICATIONS

- A. The publications listed below form a part of the Specification to the extent referenced. The publications are referenced in the text by basic designation only.
- B. American Society for Testing & Materials (ASTM):
 - 1. E-96 - Standard Test Methods for Water Vapor Transmission of Materials.
 - 2. D1117 - Standard Guide for Evaluating Nonwoven Fabrics.
 - 3. D3330 - Standard Test Method for Peel Adhesion of Pressure-Sensitive Tape1.
 - 4. D3759 - Standard Test Method for Tensile Strength and Elongation of Pressure-Sensitive Tapes.
- C. The American Association of Textile Chemists & Colorists (AATCC):
 - 1. 127 – Water Resistance: Hydrostatic Pressure Test.
- D. Pressure Sensitive Tape Council (PSTC):
 - 1. 1 - Peel Adhesion of Single Coated Pressure-Sensitive Tapes at 180 Degree Angle.
- E. Technical Association of the Paper & Pulp Industry (TAPPI):
 - 1. T-460 - Porosity - Gurley.

1.4 SYSTEM DESCRIPTION

- A. The airtight components and secondary moisture protection of the building enclosure and the joints, junctures and transitions between materials, products, and assemblies forming the air-tightness and moisture barrier of the building enclosure are called "the air/moisture barrier system". Services include coordination between the trades, the proper scheduling and sequencing of the work, preconstruction meetings, inspections, tests, and related actions, including reports performed by Contractor, by independent agencies, and by governing authorities.
- B. Air Barrier Penetrations: All penetrations of the air/moisture barrier and paths of air infiltration / exfiltration through the air/moisture barrier system shall be made air-tight.
- C. Moisture Barrier Penetrations: All penetrations of the air/moisture barrier and paths of water migration through the air/moisture barrier system shall be made water shedding.

1.5 SUBMITTALS

- A. Submit in accordance with SECTION 01 33 23, SHOP DRAWINGS, PRODUCT DATA, & SAMPLES.

- 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.

1.6 QUALITY ASSURANCE

- A. Installer Qualifications: Minimum of 2 years experience with installation of similar products.

1.7 DELIVERY, STORAGE, AND HANDLING

- A. Store products in manufacturer's unopened packaging until ready for installation.
- B. Do not store in direct sunlight. Weather barrier shall be stored in a covered area. Do not expose to building site chemicals.
- C. Store and dispose of solvent-based materials, and materials used with solvent-based materials, in accordance with requirements of local authorities having jurisdiction.

1.8 PROJECT CONDITIONS

- A. Anticipate environmental conditions and schedule installation when conditions are within limits recommended by manufacturer for optimum results. Do not install products under environmental conditions outside manufacturer's absolute limits.

1.9 WARRANTY

- A. Product Warranty: Limited product warranty against manufacturing defects.
 - 1. Weather Barrier and related products: 10 years.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. James Hardie Building Products, Inc., 26300 La Alameda Suite 400 ; Mission Viejo, CA 92691; (866-274-3464; 949-367-4980); Web: www.jameshardiecommercial.com, or approved equal.

2.2 WEATHER BARRIER SYSTEM

- A. Moisture Air Barrier Sheet:
 - 1. Product: HardieWrap Weather Barrier as manufactured by James Hardie Building Systems, or approved equal.
 - 2. Composition: Non-woven, non-perforated polyolefin.
 - 3. Film: MicroTech Coating with micropores to balance water holdout and breathability.
 - 4. Thickness: 11 mil (0.28 mm).
 - 5. UV Stability: Up to 180 days.
 - 6. Water Holdout (AATCC127): 128 inches (3250 mm).
 - 7. Breathability/Water Vapor Permeance (ASTM E-96A): 15 perms.
 - 8. Air Resistance (TAPPI T-460): >1800 sec/100 cc.
 - 9. Tear Strength (ASTM D1117): 15 to 18 lb (6.8 to 8.2 kg).
 - 10. Basis Weight: 19.4 lbs/1000 sf (9.5 kgs/100 sm).
- B. Self-adhering Flashing: Designed for peel and stick application.
 - 1. Product: HardieWrap Flashing as manufactured by James Hardie Building Systems, or approved equal.
 - 2. Composition: Butyl rubber adhesive non-woven polyolefin backing; coated Kraft paper release.
 - 3. Total Thickness: 25 mil (0.64 mm).
 - 4. UV Stability: Up to 180 days.

5. Application Temperature: 30 degree F to 180 degree F (-1 degree C to 82 degree C).
 6. Operating Temperature: -30 degree F to 200 degree F (-34 degree C to 93 degree C).
 7. Packaging: Individually shrink-wrapped.
 8. Roll Weight: 4 inch (102 mm) = 4.6 lb (2 kg)/roll, 6 inches (152 mm) = 6.9 lb (3 kg) /roll, 9 inches (229 mm) = 9.9 lb (4.5 kg)/roll.
 9. Width : 9 inches by 100 feet (229 mm by 30.5) (2x6 construction).
- C. Flexible Flashing:
1. Product: HardieWrap Flex Flashing as manufactured by James Hardie Building Systems, or approved equal.
 2. Composition: Butyl rubber adhesive; creped cross-laminated polyolefin backing; polyethylene film release.
 3. Total Thickness: 60 mil (1.5 mm).
 4. Tensile Strength (ASTM D3759): 18 lb/inch (3.2kg/cm).
 5. UV Stability: Up to 180 days.
 6. Water Vapor Transfer Rate (ASTM E96-94): <.2g/100 square inches/24hrs.
 7. Application Temperature: 30 degree F to 180 degree F (-1 degree C to 82 degree C).
 8. Operating Temperature: -30 degree F to 200 degree F (-34 degree C to 93 degree C).
 9. Packaging: Each roll is packed in a convenient dispenser box
 10. Roll Weight: 6 inches (152 mm) = 22.2 lb (10kg)/roll, 9 inches (229 mm) = 33.3 lb (15 kg)/roll.
 11. Width: 9 inches by 75 feet (229 mm by 23.9) (2x6 construction).
- D. Seam Tape:
1. HardieWrap Seam Tape as manufactured by James Hardie Building Systems, or approved equal.
 2. Composition: Polypropylene film coated with acrylic adhesive Total Thickness: 3.0 mil (.08 mm).
 3. Adhesion Peel to HardieWrap (PSTC-1): 22 oz/inch (25 N/100 mm).
 4. Tensile Strength (ASTM D3759): 32 lb/in (.58 kg/mm).
 5. Elongation: 136 percent.
 6. UV Stability: Up to 90 days.
 7. Application Temperature: 30 degree F to 180 degree F (-1 degree C to 82 degree C).
 8. Operating Temperature: -30 degree F to 200 degree F (-34 degree C to 93 degree C).
 9. Packaging: Individually shrink-wrapped.
 10. Roll Weight: 1 lb(0.5 kg)/roll.
 11. Width: 1-7/8 inches (43 mm).

PART 3 - EXECUTION

3.1 EXAMINATION

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

3.2 PREPARATION

- A. Clean surfaces thoroughly prior to installation.
- B. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.
- C. Weather barrier shall be installed before louver installation. Do not install on saturated sheathing. Weather barrier can become slippery and should not be used in any application where it may be walked on.
- D. Weather barrier shall be installed on vertical wall applications only.
- E. Manufacturer warrants weather barrier sheet only when covered within 180 days of its installation.

3.3 INSTALLATION

- A. Weather Barrier Sheet:
 - 1. Begin by affixing weather barrier extending at least 6 inches (152 mm) around a building corner. Unroll horizontally (with print side facing out) around the building covering rough window and door openings.
 - 2. Fasten to studs or nailable sheathing material with galvanized construction grade staples a maximum of 18 inches (457 mm) in the vertical and horizontal direction.
 - 3. Attach weather barrier so that it is taut and flat. The vertical overlap shall have a minimum of 6 inches (152 mm) and the vertical seam shall be taped.
 - 4. Assure that the bottom edge of the weather barrier extends over the sill plate/flashing by at least 1 inch (25 mm).
 - 5. Overlap upper layers of weather barrier (in shingle lap fashion) by a minimum of 6 inches below the horizontal edge, and tape the horizontal seam line.
 - 6. At roof to wall intersection (or wall to deck), affix wrap to the wall such that it overlaps any step flashing already in place on the wall by at least 2 inches (51 mm).
- B. Flexible Flashing:
 - 1. Louvers: Weather barrier is not designed nor guaranteed as a flashing material to prevent moisture or air from intruding behind weather barrier. Verify that flashing has previously been installed around all louver openings. Install flexible flashing per manufacturer's instructions.
 - a. Use the inverted "Y" cut method at rough louver openings. Do not place fasteners within 9 inches (229 mm) of the rough opening, or louver heads. This area shall not be fastened to allow for proper head flashing installation. At the top corners of the rough opening, cut the weather barrier at 45 degree to extend 9 inches (229 mm) past the joint.
 - b. Fold the top flap up and out of the way and fasten temporarily.
 - c. Fold the remaining three flaps in through the opening fastening them inside the opening with staples.
 - 2. Rough Electrical and Plumbing Penetrations: Seal with a double layer of flashing. Install the top flashing piece over the bottom flashing piece overlapping flashing layers to cover flashing cut-out necessary for placement around penetration.
- C. Repairs: For minor punctures or tears, less than 3 inches (76 mm), cover and completely seal with seam tape. For larger holes, greater than 3 inches (76 mm), use slit flashing technique.
 - 1. Slit flashing requires making a horizontal slit above the damaged area and placing a cut piece of weather barrier into the slit, covering the damaged area. Tape the perimeter of the patched area.

3.4 PROTECTION

- A. Protect installed products until completion of project.
- B. Touch-up, repair or replace damaged products before Substantial Completion.

END OF SECTION 07 25 00

SECTION 07 46 10 – FIBER CEMENT SIDING

PART 1 - GENERAL

1.1 SECTION INCLUDES

- A. Factory-finished fiber cement lap siding, trim, and accessories.

1.2 RELATED SECTIONS

- A. Wood framing and bracing: SECTION 06 10 00 - ROUGH CARPENTRY.
- B. Sheathing: SECTION 06 10 00 - ROUGH CARPENTRY.
- C. Exterior wall insulation: SECTION 07 21 13 – THERMAL INSULATION.

1.3 APPLICABLE PUBLICATIONS

- A. The publications listed below form a part of this Specification to the extent referenced. The publications are referenced in the text by basic designation only.
- B. American Society for Testing & Materials (ASTM):
 - 1. C1186 - Standard Specification for Flat Fiber-Cement Sheets
 - 2. D3359 - Standard Test Method for Measuring Adhesion by Tape Test, Tool and Tape.
 - 3. E136 - Standard Test Method for Behavior of Materials in a Vertical Tube Furnace at 750 degrees C.

1.4 SUBMITTALS

- A. Submit in accordance with SECTION 01 33 23, SHOP DRAWINGS, PRODUCT DATA, & SAMPLES.
- 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: Provide detailed drawings of atypical non-standard applications of cementitious siding materials which are outside the scope of the standard details and specifications provided by the manufacturer.
- D. Verification Samples: For each finish product specified, two samples, minimum size 4 by 6 inches (100 by 150 mm), representing actual product, finish, and patterns.

1.5 QUALITY ASSURANCE

- A. Installer Qualifications: Minimum of 2 years experience with installation of similar products.

1.6 DELIVERY, STORAGE, AND HANDLING

- A. Store products in manufacturer's unopened packaging until ready for installation.
- B. Store siding on edge or lay flat on a smooth level surface. Protect edges and corners from chipping. Store sheets under cover and keep dry prior to installing.
- C. Store and dispose of solvent-based materials, and materials used with solvent-based materials, in accordance with requirements of local authorities having jurisdiction.

1.7 PROJECT CONDITIONS

- A. Maintain environmental conditions (temperature, humidity, and ventilation) within limits recommended by manufacturer for optimum results. Do not install products under environmental conditions outside manufacturer's absolute limits.

1.8 WARRANTY

- A. Product Warranty: Limited, non-pro-rated product warranty.
 - 1. Fiber cement siding: 30 years.
- B. Product Warranty: Limited, product warranty.
 - 1. Fiber cement trim boards: 15 years.
- C. Finish Warranty: Limited product warranty against manufacturing finish defects.
 - 1. When used for its intended purpose, properly installed and maintained according to manufacturer's published installation instructions, warranty factory finish, for a period of 15 years from the date of purchase: will not peel; will not crack; and will not chip. Finish warranty includes the coverage for labor and material.
- D. Workmanship Warranty: Limited warranty for 2 years for installation.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Acceptable Manufacturer: James Hardie Building Products, Inc., 26300 La Alameda Suite 400 ; Mission Viejo, CA 92691; (866-274-3464; 949-367-4980); Web: www.jameshardiecommercial.com, or approved equal.

2.2 SIDING

- A. HardiePlank HZ5 lap siding, or approved equal:
 - 1. Fiber-cement Siding - complies with ASTM C 1186 Type A Grade II.
 - 2. Fiber-cement Siding - complies with ASTM E 136 as a noncombustible material.
 - 3. Fiber-cement Siding - complies with ASTM E 84 Flame Spread Index = 0, Smoke Developed Index = 5.
 - 4. CAL-FIRE, Fire Engineering Division Building Materials Listing - Wildland Urban Interface (WUI) Listed Product.
 - 5. National Evaluation Report No. NER 405 (BOCA, ICBO, SBCCI, IBC, IRC).
 - 6. City of Los Angeles, Research Report No. 24862.
 - 7. Miami Dade County, Florida Notice of Acceptance 07-0418.04.
 - 8. US Department of Housing and Urban Development Materials Release 1263d.
 - 9. California DSA PA-019.
 - 10. City of New York M EA 223-93-M.
 - 11. Florida State Product Approval FL889.
 - 12. Texas Department of Insurance Product Evaluation EC-23.
- B. Lap Siding: HardiePlank HZ5 Lap siding with a sloped top, beveled drip edge and nailing line as manufactured by James Hardie Building Products, Inc, or approved equal.
 - 1. Type: Select Cedarmill 6-1/4 inches (159 mm) with 5 inches (127 mm) exposure.
- C. Trim:
 - 1. HardieTrim HZ5 boards and HardieTrim HZ boards as manufactured by James Hardie Building Products, Inc.

2.3 FASTENERS

- A. Wood Framing Fasteners:
 - 1. Wood Framing: 0.089 inch (2.2 mm) shank by 0.221 inch (5.6 mm) head by 2 inches (51 mm) corrosion resistant siding nails.
 - 2. Wood Framing: 0.093 inch (2.4 mm) shank by 0.222 inch (5.6 mm) head by 2 inches (51 mm) corrosion resistant siding nails.
 - 3. Wood Framing: 0.093 inch (2.4 mm) shank by 0.222 inch (5.6 mm) head by 2-1/2 inches (64 mm) corrosion resistant siding nails.
 - 4. Wood Framing: 0.091 inch (2.3 mm) shank by 0.221 inch (5.6 mm) head by 1-1/2 inches (38 mm) corrosion resistant siding nails.
 - 5. Wood Framing: 0.091 inch (2.3 mm) shank by 0.225 inch (5.7 mm) head by 1-1/2 inches (38 mm) corrosion resistant siding nails.

2.4 FINISHES

- A. Factory Primer: Provide factory applied universal primer.
 - 1. Primer: Factory primed by manufacturer.
- B. Factory Finish:
 - 1. Product: ColorPlus Technology by James Hardie, or approved equal.
 - 2. Definition: Factory applied finish; defined as a finish applied in the same facility and company that manufactures the siding substrate.
 - 3. Process:
 - a. Factory applied finish by fiber cement manufacturer in a controlled environment within the fiber cement manufacturer's own facility utilizing a multi-coat, heat cured finish within one manufacturing process.
 - b. Each finish color must have documented color match to delta E of 0.5 or better between product lines, manufacturing lots or production runs as measured by photospectrometer and verified by third party.
 - 4. Protection: Factory applied finish protection such as plastic laminate that is removed once siding is installed
 - 5. Accessories: Complete finishing system includes pre-packaged touch-up kit provided by fiber cement manufacturer. Provide quantities as recommended by manufacturer.
- C. Factory Finish Color for Trim and Siding Colors:
 - 1. Alpine Frost JH50-10, or Arctic White JH10-20, as selected by Architect.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Do not begin installation until substrates have been properly prepared.
- B. If framing preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.
- C. Nominal 2 inch by 6 inch wood framing selected for minimal shrinkage and complying with local building codes, including the use of water-resistive barriers or vapor barriers where required. Minimum 1-1/2 inches (38 mm) face and straight, true, of uniform dimensions and properly aligned.
 - 1. Install water-resistive barriers and claddings to dry surfaces.
 - 2. Repair any punctures or tears in the water-resistive barrier prior to the installation of the siding.
 - 3. Protect siding from other trades.

3.2 PREPARATION

- A. Clean surfaces thoroughly prior to installation.

- B. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.
- C. Install a water-resistive barrier is required in accordance with local building code requirements.
- D. The water-resistive barrier must be appropriately installed with penetration and junction flashing in accordance with local building code requirements.
- E. Install Engineered for Climate™ HardieWrap™, or approved equal, weather barrier in accordance with local building code requirements.
- F. Use HardieWrap™ Seam Tape, or approved equal, and joint and laps.
- G. Install HardieWrap™ flashing, or approved equal, and HardieWrap™ Flex Flashing, or approved equal.

3.3 INSTALLATION - FIBER CEMENT SIDING:

- A. Install materials in strict accordance with manufacturer's installation instructions.
- B. Starting: Install a minimum 1/4 inch (6 mm) thick lath starter strip at the bottom course of the wall. Apply planks horizontally with minimum 1-1/4 inches (32 mm) wide laps at the top. The bottom edge of the first plank overlaps the starter strip.
- C. Allow minimum vertical clearance between the edge of siding and any other material in strict accordance with the manufacturer's installation instructions.
- D. Align vertical joints of the planks over framing members.
- E. Maintain clearance between siding and adjacent finished grade.
- F. Locate splices at least one stud cavity away from window and door openings.
- G. Wind Resistance: Where a specified level of wind resistance is required Hardieplank lap siding is installed to framing members and secured with fasteners described in Table No. 2 in National Evaluation Service Report No. NER-405.
- H. Locate splices at least 12 inches (305 mm) away from window and door openings.

3.4 INSTALLATION – TRIM:

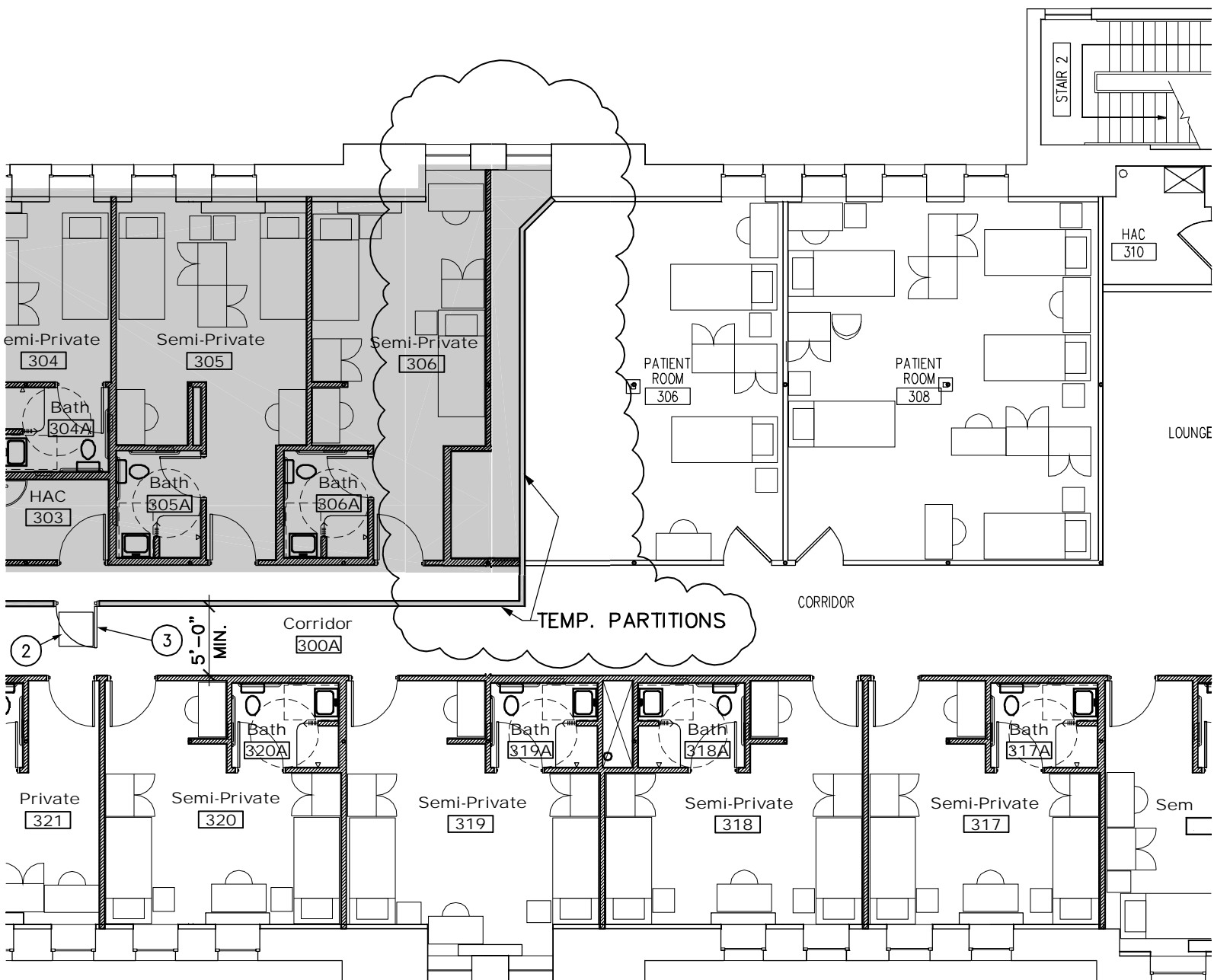
- A. Install materials in strict accordance with manufacturer's installation instructions. Install flashing around all wall openings.
- B. Fasten through trim into structural framing or code complying sheathing. Fasteners must penetrate minimum 3/4 inch (19 mm) or full thickness of sheathing. Additional fasteners may be required to ensure adequate security.
- C. Place fasteners no closer than 3/4 inch (19 mm) and no further than 2 inches (51 mm) from side edge of trim board and no closer than 1 inch (25 mm) from end. Fasten maximum 16 inches (406 mm) on center.
- D. Maintain clearance between trim and adjacent finished grade.
- E. Trim inside corner with a single board trim both side of corner.
- F. Outside Corner Board Attach trim on both sides of corner with 16 gage corrosion resistant finish nail 1/2 inch (13 mm) from edge spaced 16 inches (406 mm) apart, weather cut each end spaced minimum 12 inches (305 mm) apart.

- G. Allow 1/8 inch gap between trim and siding.
- H. Seal all gaps with high quality, paint-able caulk.
- I. Shim frieze board as required to align with corner trim..
- J. Fasten through overlapping boards. Do not nail between lap joints.
- K. Overlay siding with single board of outside corner board then align second corner board to outside edge of first corner board. Do not fasten trim boards to other trim boards.
- L. Shim frieze board as required to align with corner trim.
- M. Install trim boards to rafter tails or to sub fascia.

3.5 PROTECTION

- A. Protect installed products until completion of project.
- B. Touch-up, repair or replace damaged products/finishes before Substantial Completion.

END OF SECTION 07 46 10

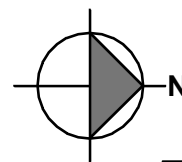


3

THIRD FLOOR PLAN - PHASE 2

3/32"=1'-0"

(PARTIAL)



REFERENCE DWG.
3/GI-102

Drawn by
ISF
Date
5/11/12

Job No
1134
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AS NOTED

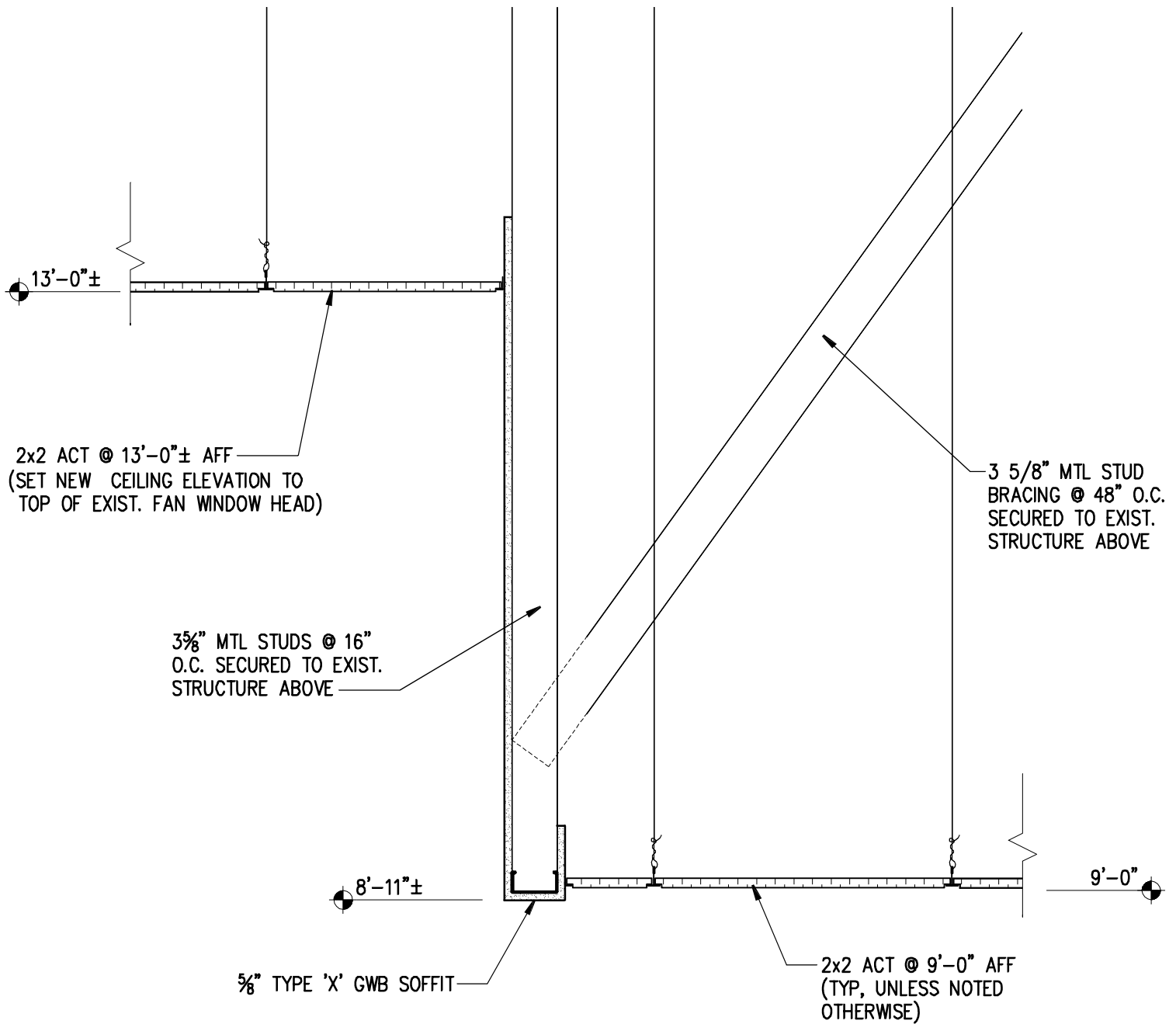


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Sheet Title
RENOVATE BUILDING 34
VA Medical Center Bath, NY

Sheet No
AD-A1



3 SECTION @ VESTIBULE 101 SOFFIT
1"=1'-0"

REFERENCE DWG.
A-101

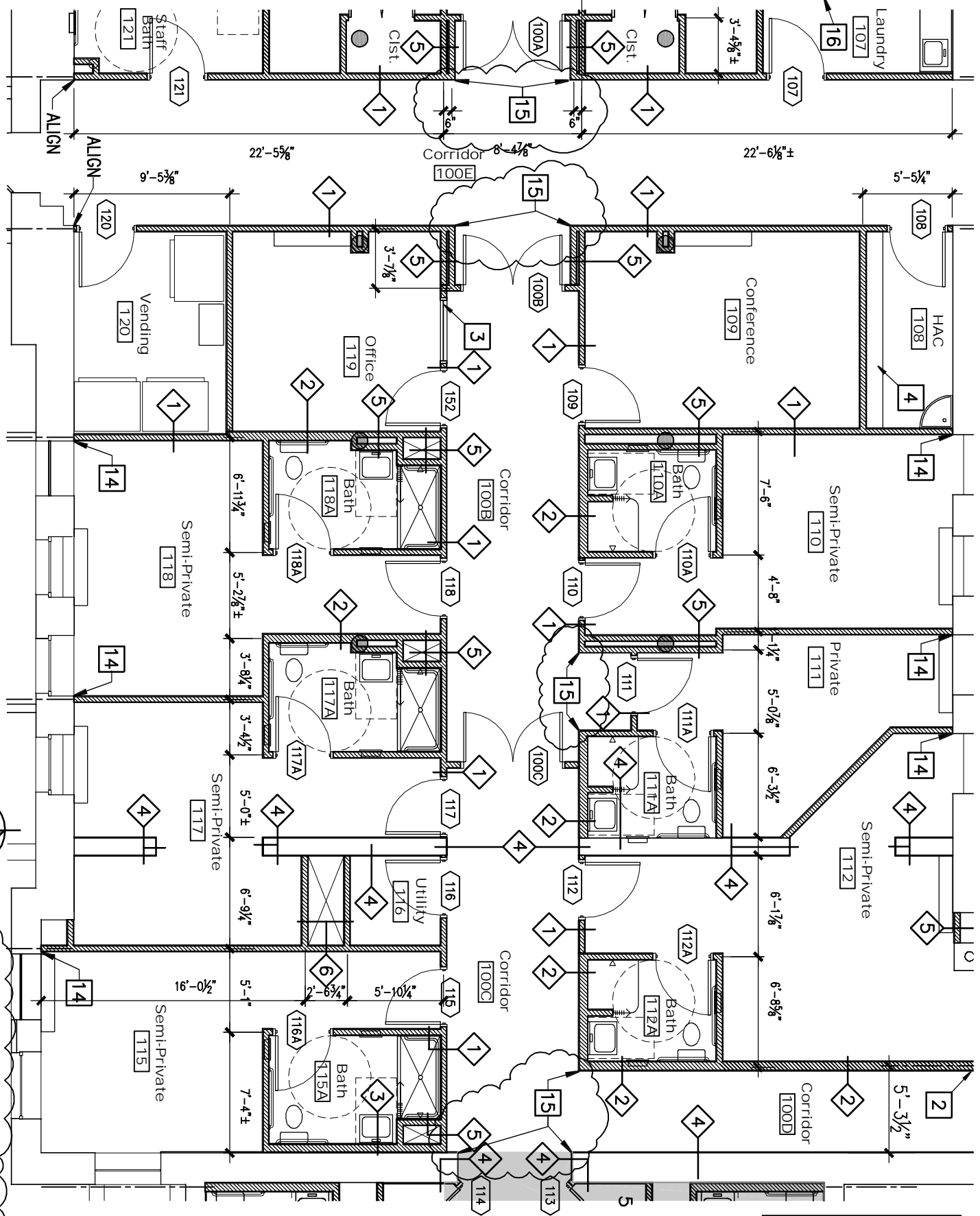
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Sheet Title
RENOVATE BUILDING 34
VA Medical Center Bath, NY

Sheet No
AD-A3



REFERENCE DWG.
1/A-101

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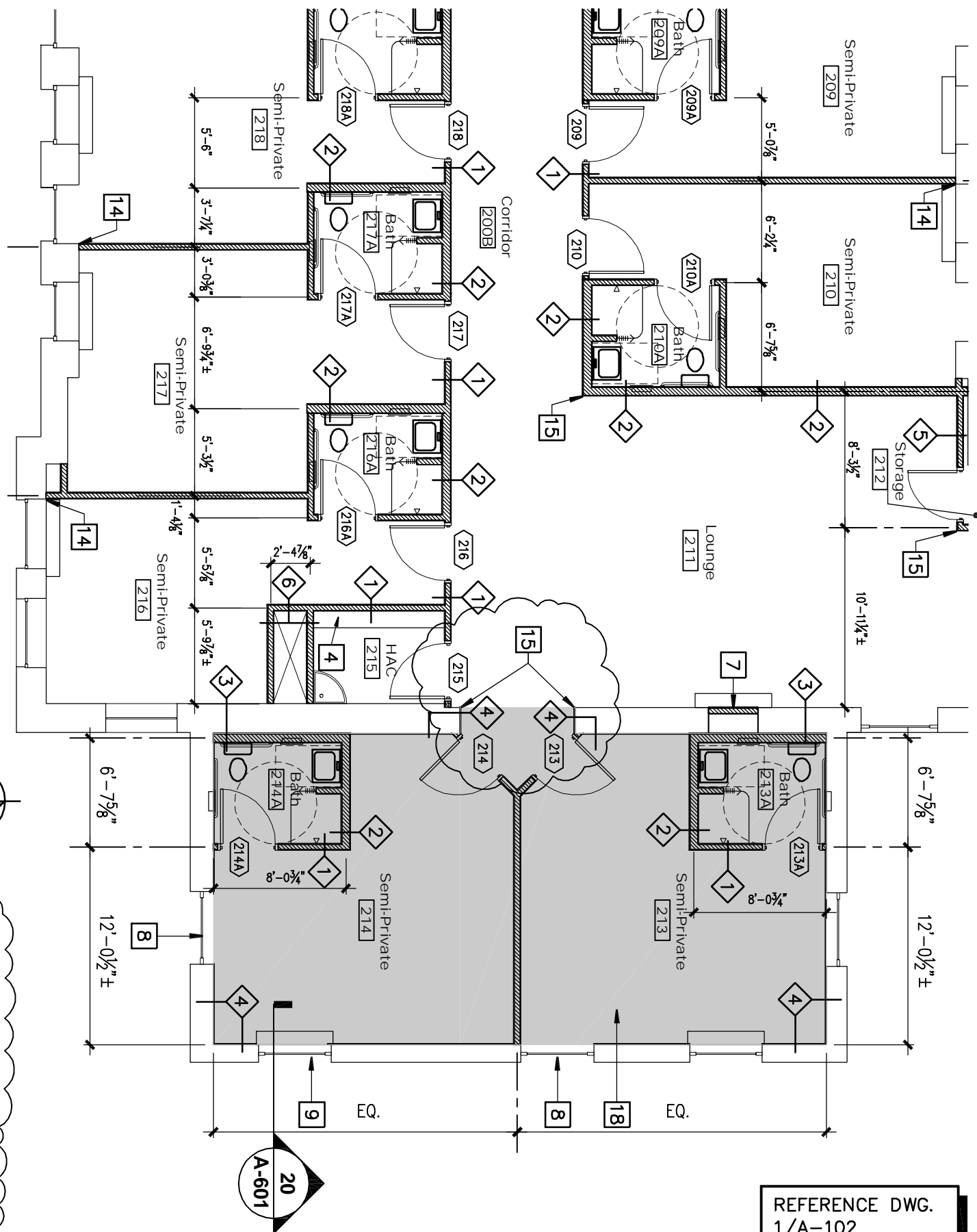


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Sheet Title
RENOVATE BUILDING 34
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Sheet No
AD-A4



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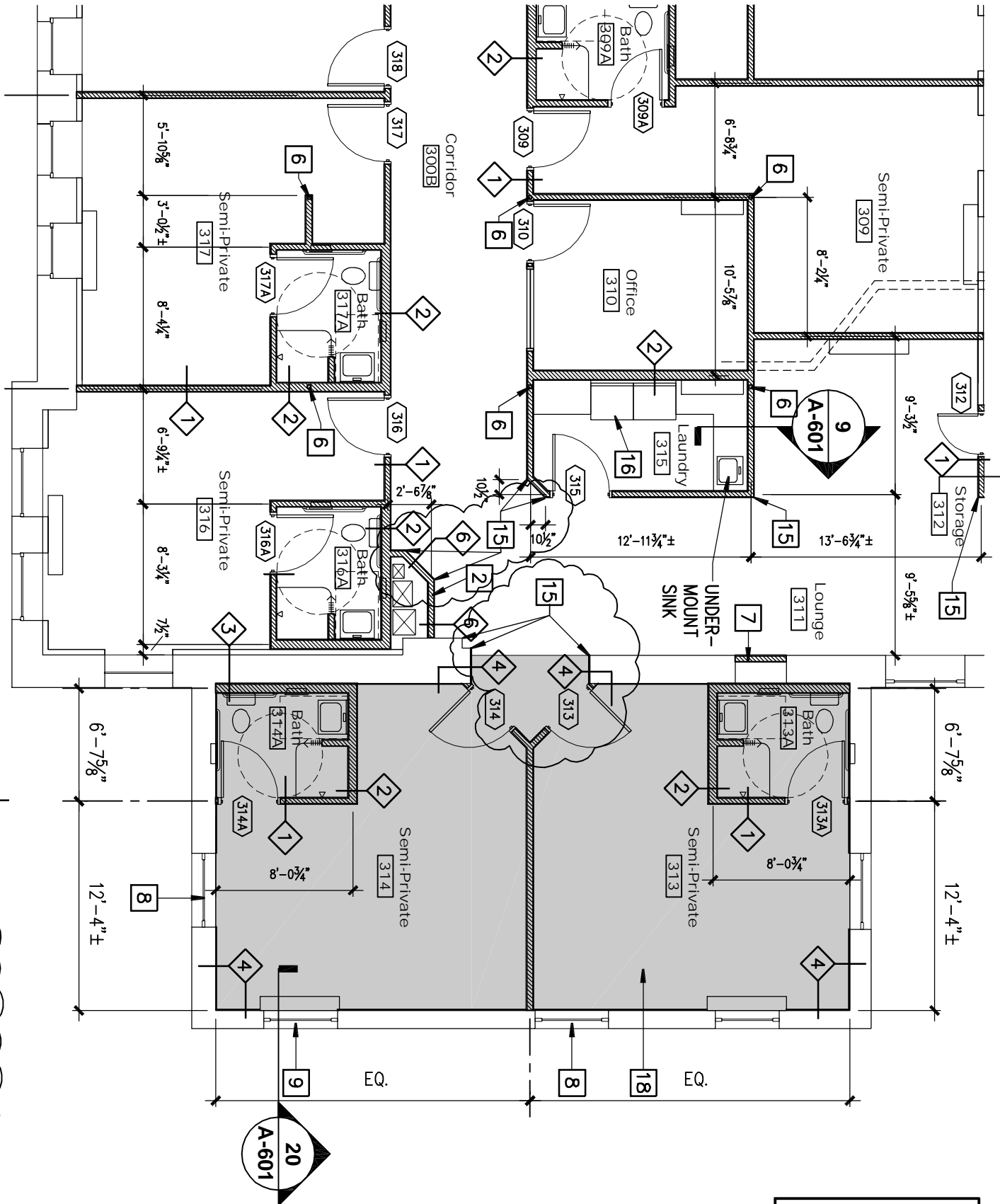
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Sheet Title

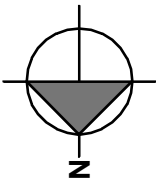
RENOVATE BUILDING 34
VA Medical Center Bath, NY

Sheet No

AD-A5



1 1/8" = 1'-0" THIRD FLOOR PLAN (PARTIAL)



15 PROVIDE FULL HEIGHT CORNER GUARD
(BOTTOM AT TOP OF WALL BASE;
TOP AT CEILING)

REFERENCE DWG.
1/A-103

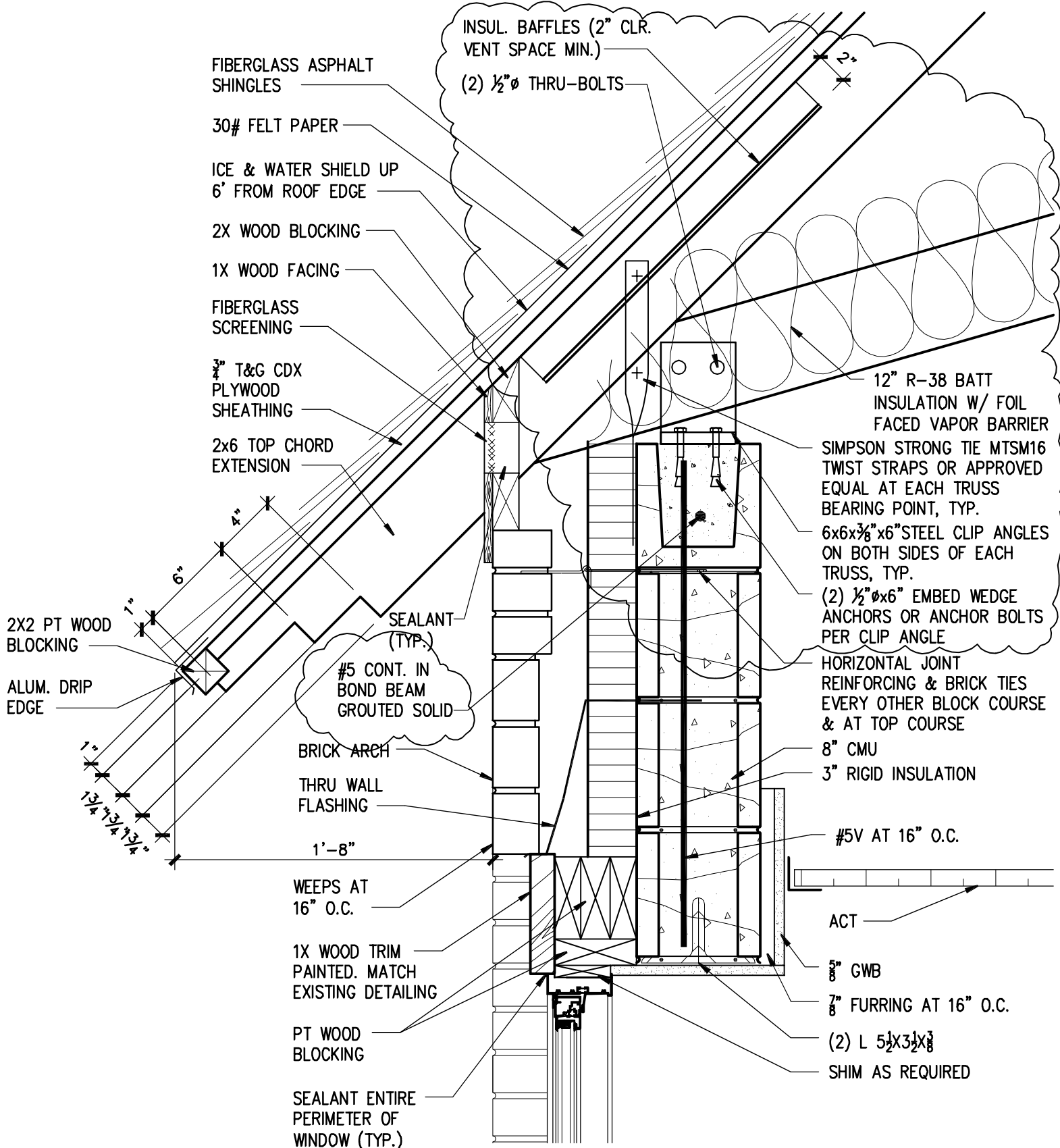
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Sheet Title
RENOVATE BUILDING 34
VA Medical Center Bath, NY

Sheet No
AD-A6



PAINT ALL EXPOSED
WOOD TO MATCH
EXISTING BUILDING
34 WOOD

10 HEAD/FASCIA DETAIL

1 1/2" = 1'-0"

REFERENCE DWG.
10/A-105

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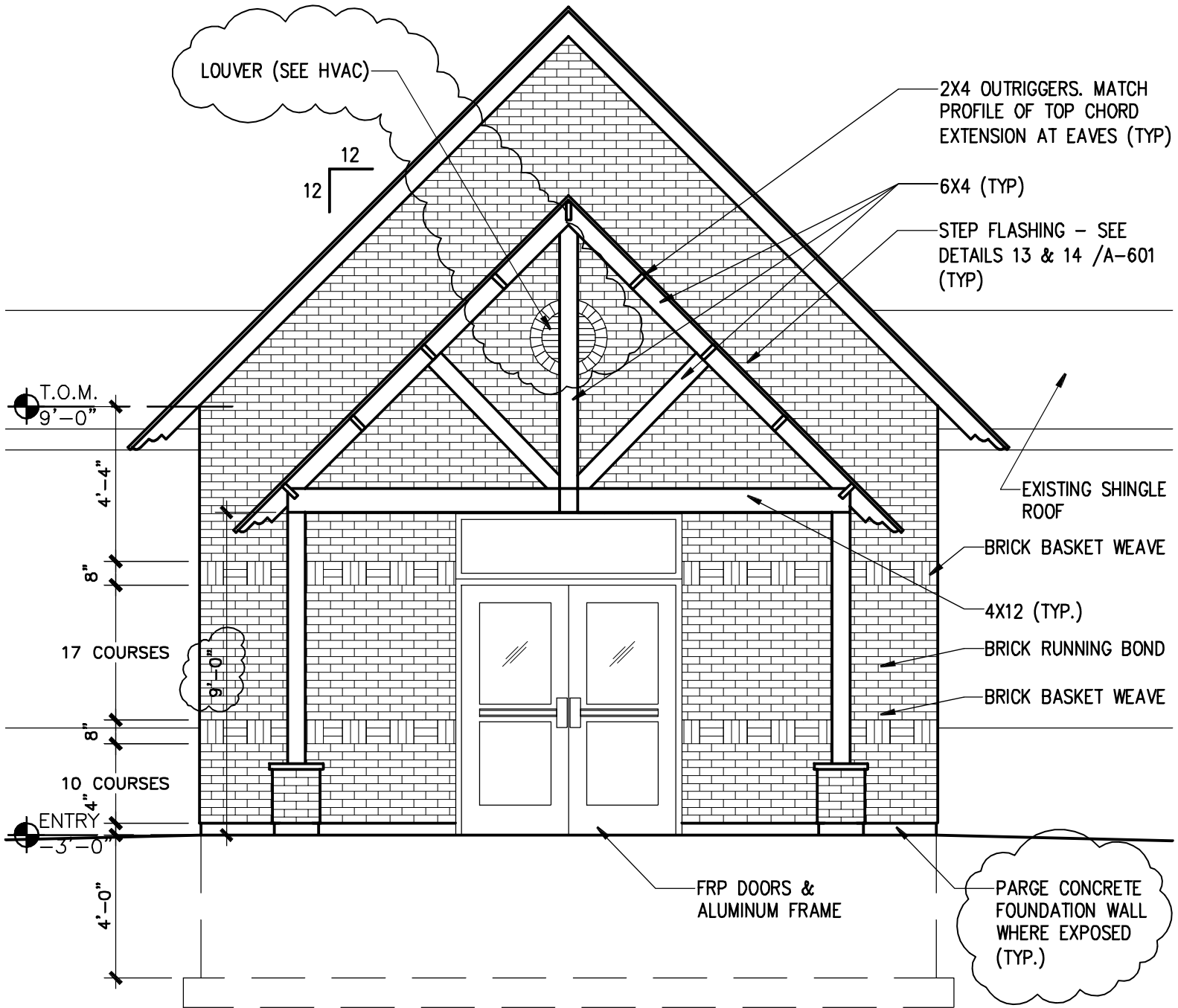


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Sheet Title
RENOVATE BUILDING 34
VA Medical Center Bath, NY

Sheet No
AD-A7



3 SOUTH ELEVATION
1/4" = 1'-0"

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3/A-106

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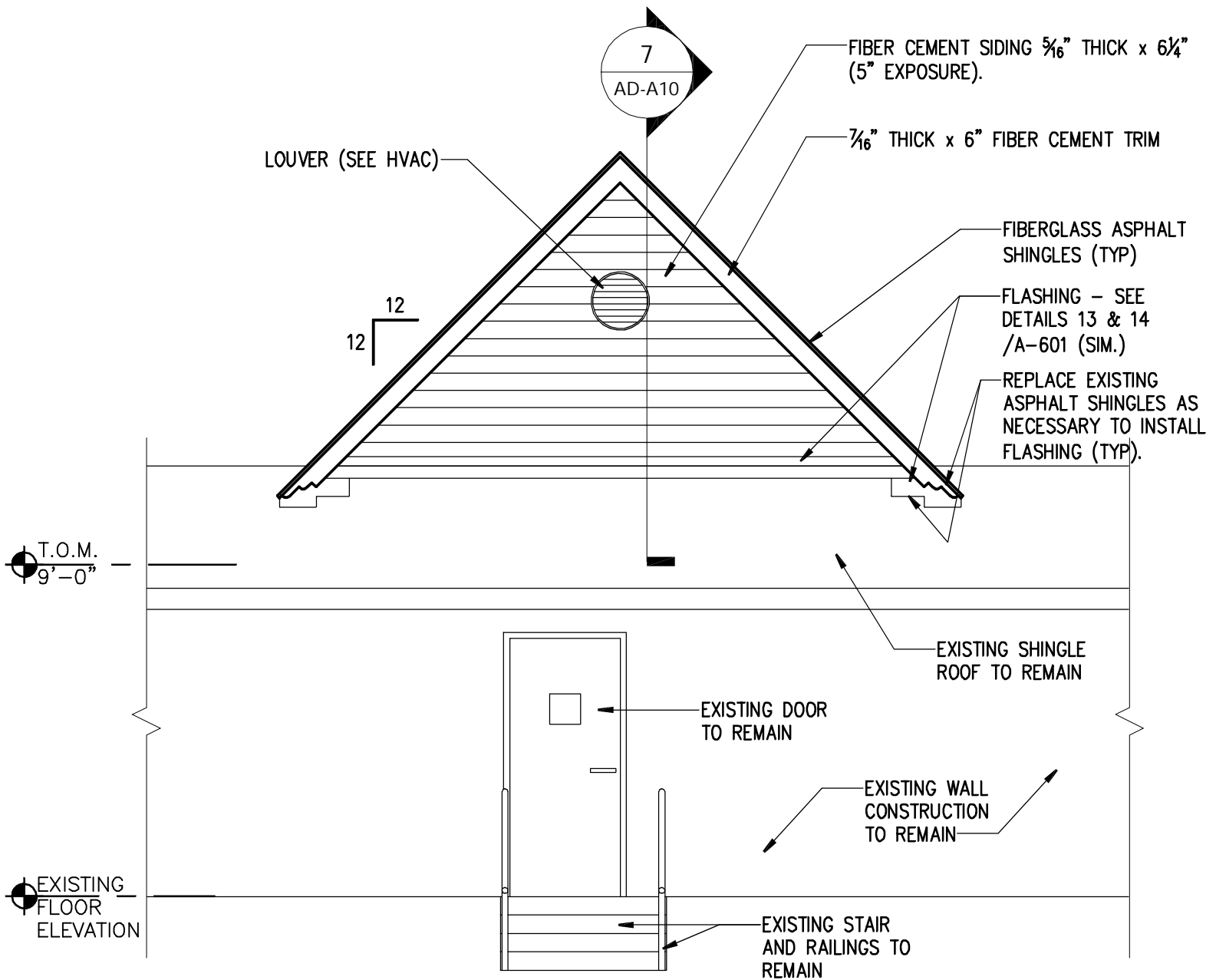


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Sheet Title
RENOVATE BUILDING 34
VA Medical Center Bath, NY

Sheet No
AD-A8



6 NORTH ELEVATION
1/4" = 1'-0"

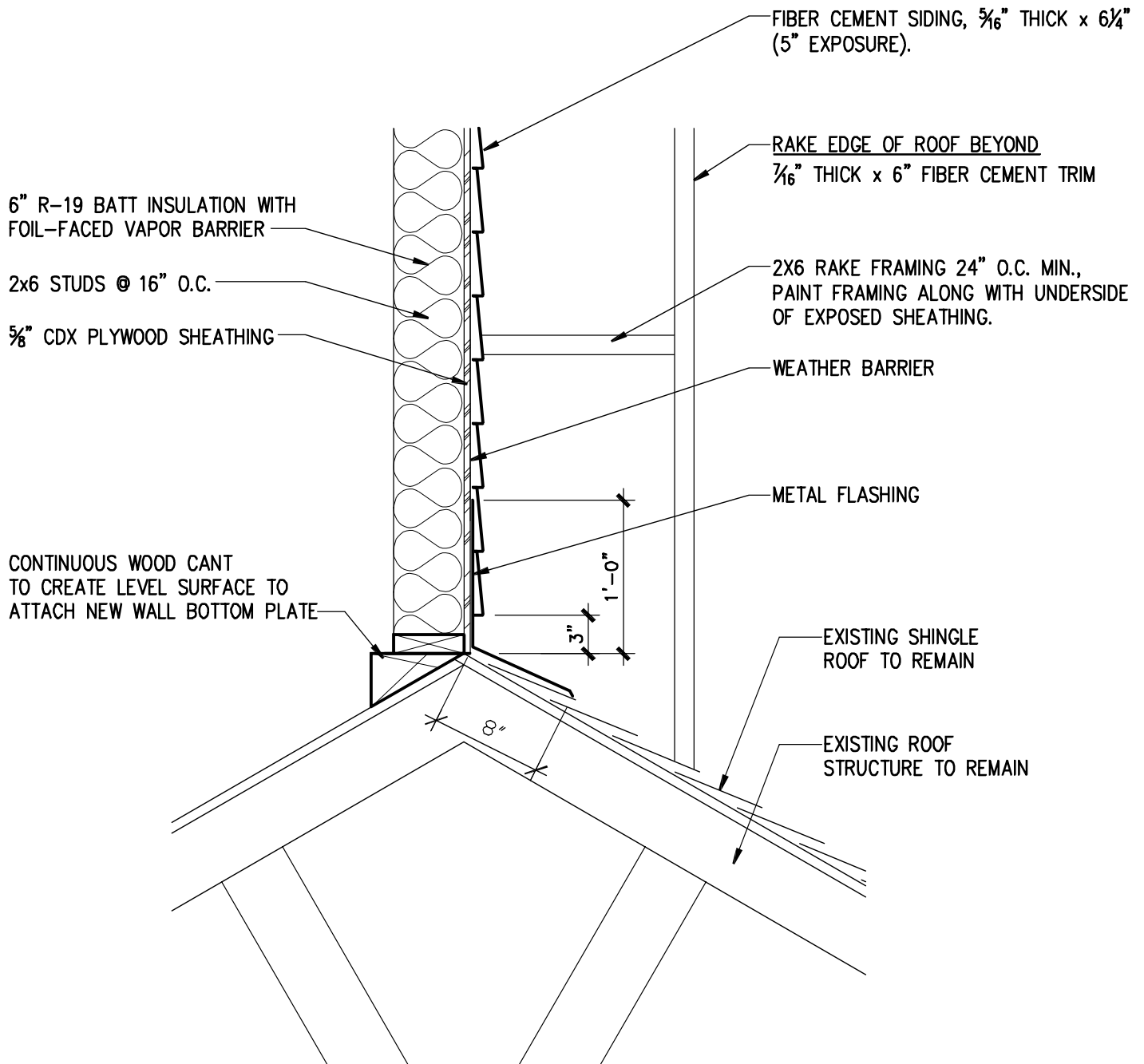
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Sheet Title
RENOVATE BUILDING 34 VA Medical Center Bath, NY

Sheet No
AD-A9



7 SECTION

1" = 1'-0"

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A-106

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Date
5/11/12

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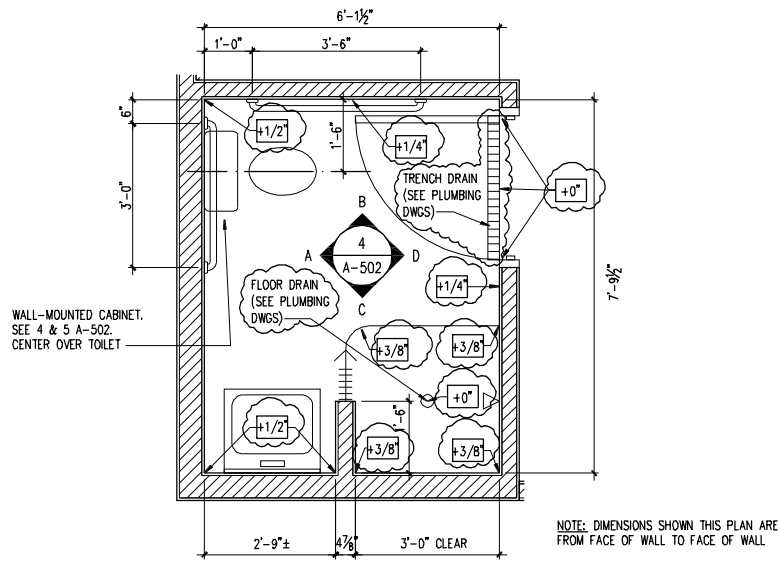


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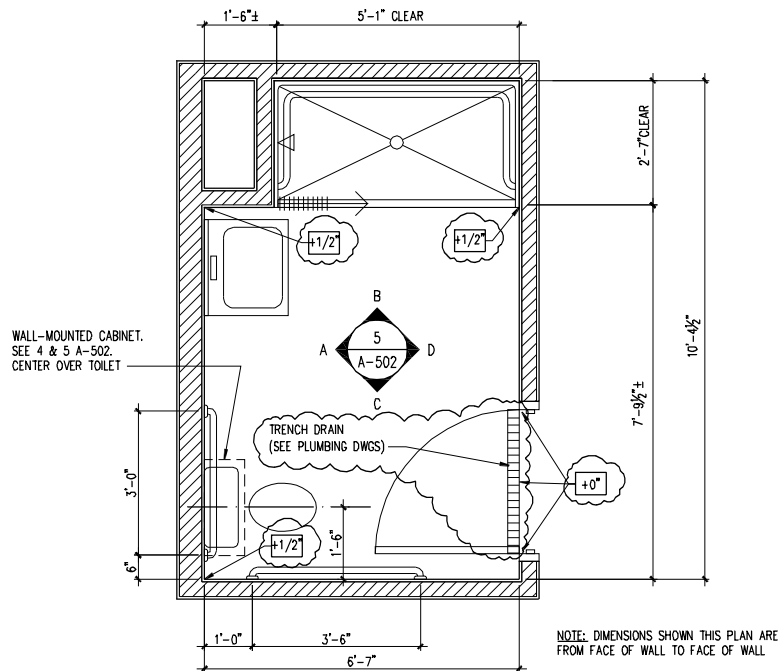
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Sheet Title
RENOVATE BUILDING 34
VA Medical Center Bath, NY

Sheet No
AD-A10



1 ENLARGED BATHROOM PLAN - TYPE 1
1/4" = 1'-0"



2 ENLARGED BATHROOM PLAN - TYPE 2
1/4" = 1'-0"

REFERENCE DWG.
1&2/A-502

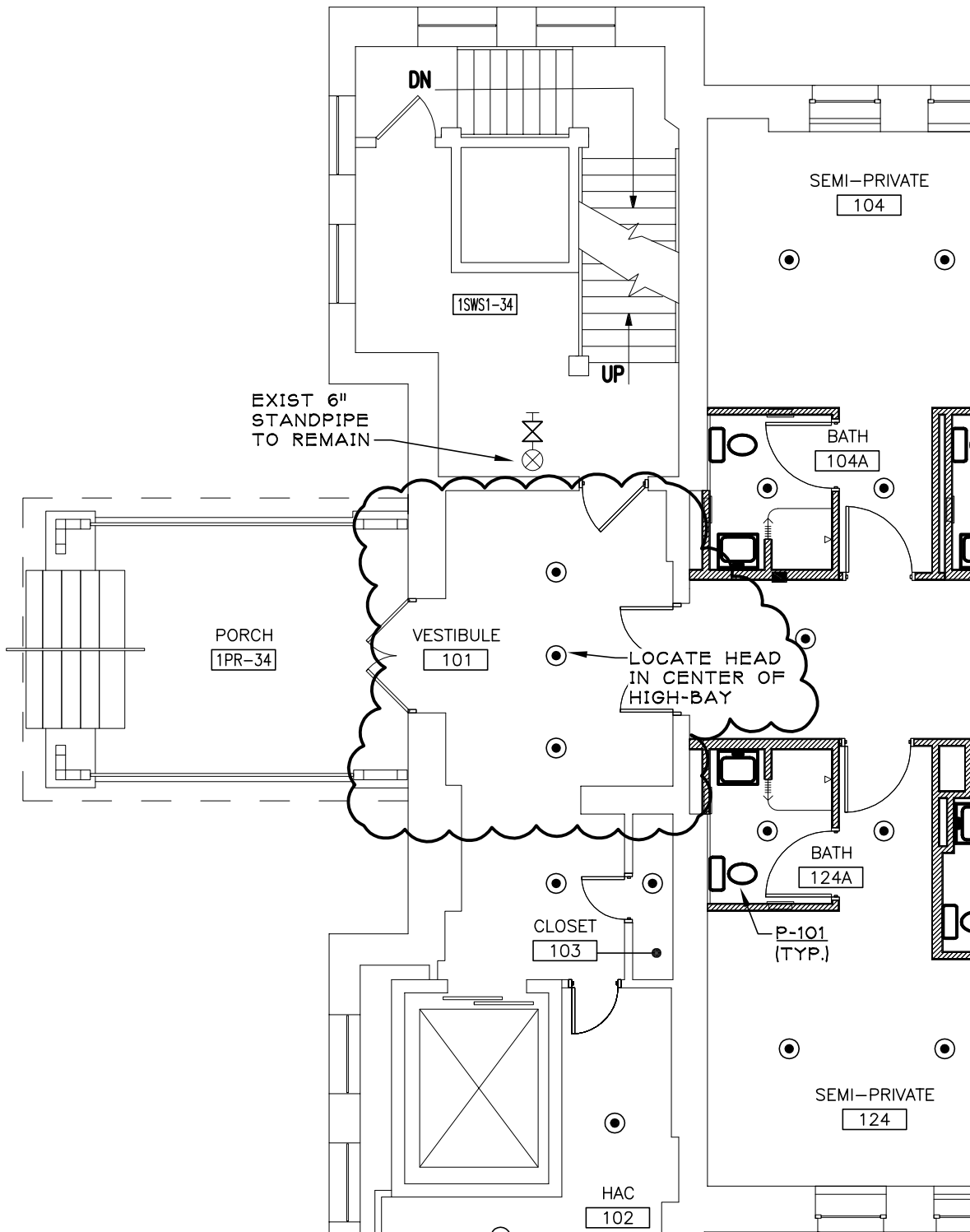
Drawn by
ISF
Date
5/11/12

Job No
1134
Scale
AS NOTED

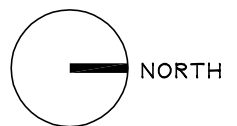
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Sheet Title
RENOVATE BUILDING 34
VA Medical Center Bath, NY

Sheet No
AD-A11



PARTIAL FIRST FLOOR FIRE PROTECTION PLAN



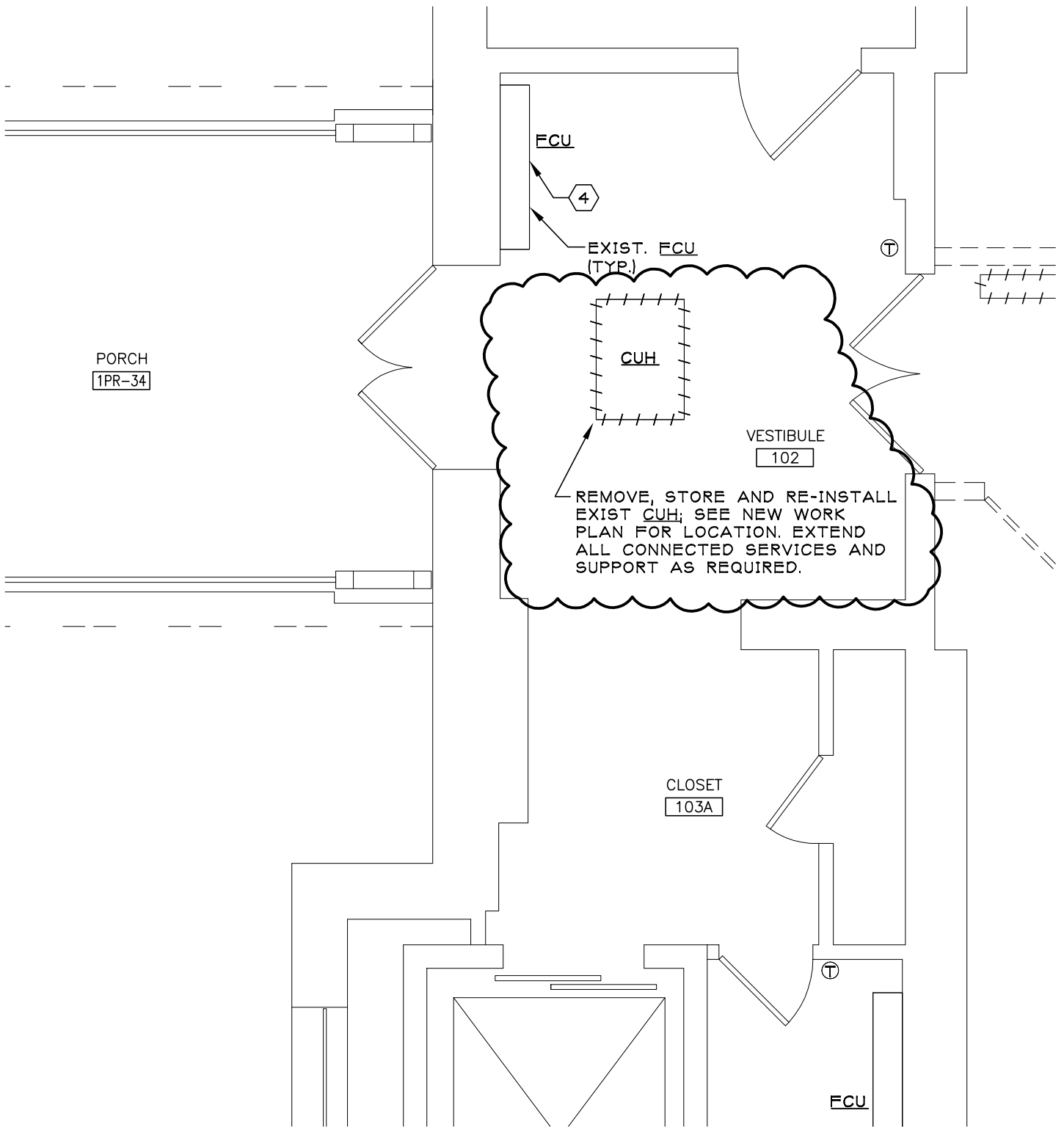
SCALE: 1/8" = 1'-0"

REFERENCE DWG.
FP-103

Drawn by	Job No
MJL	1134
Date	Scale
5/14/12	AS NOTED

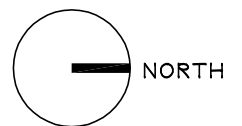
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Sheet Title	Sheet No
RENOVATE BUILDING 34 VA Medical Center Bath, NY	AD-FP-01



PARTIAL FIRST FLOOR DEMOLITION PLAN

SCALE: 1/4" = 1'-0"



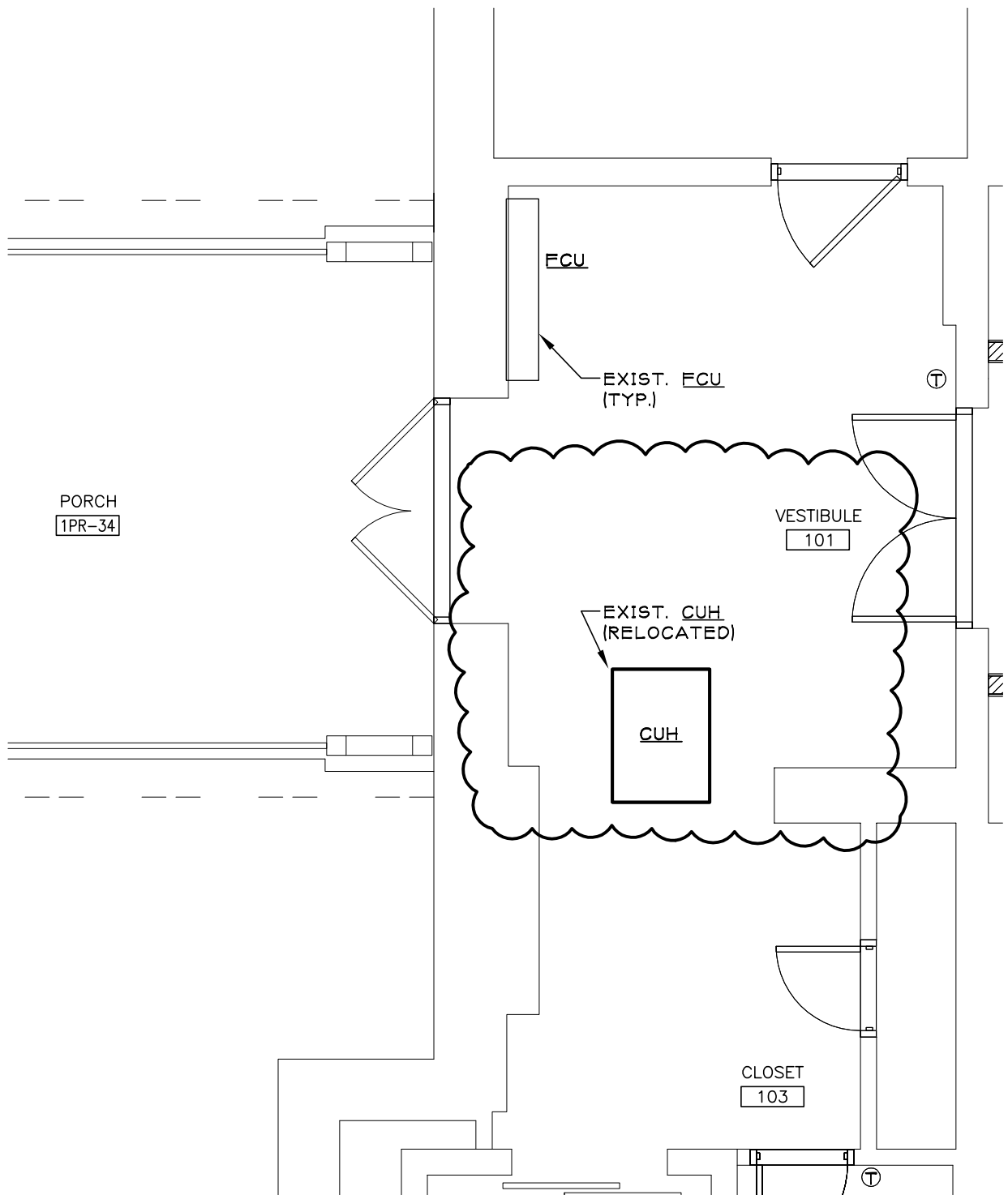
REFERENCE DWG.
MD-103

Drawn by	Job No
MJL	1134
Date	Scale
5/14/12	AS NOTED

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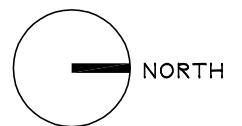
Sheet Title
RENOVATE BUILDING 34 VA Medical Center Bath, NY

Sheet No
AD-M-01



PARTIAL FIRST FLOOR MECHANICAL PLAN

SCALE: 1/4" = 1'-0"



REFERENCE DWG.
MH-104

Drawn by	Job No
MJL	1134
Date	Scale
5/14/12	AS NOTED

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Sheet Title
RENOVATE BUILDING 34 VA Medical Center Bath, NY

Sheet No
AD-M-02

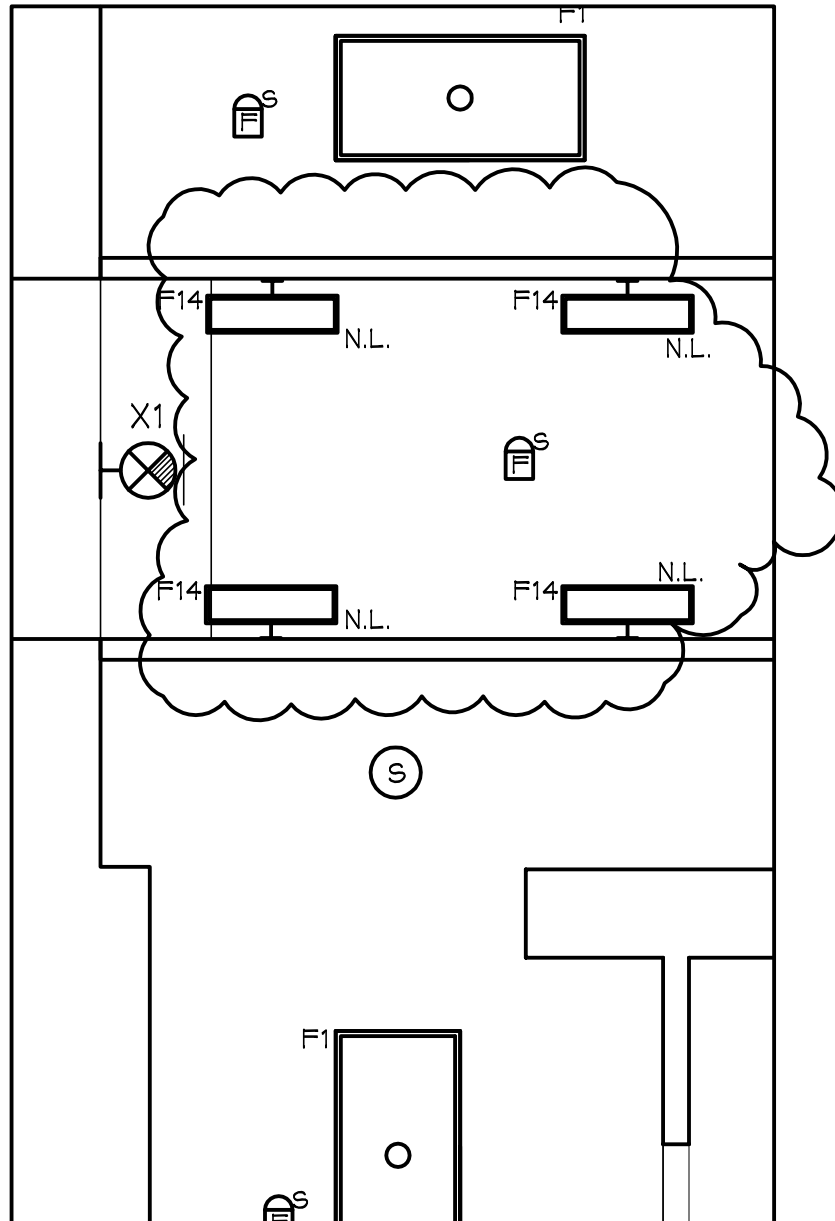
LOUVER (EL & IL) SCHEDULE					
ITEM	DESCRIPTION	CFM	NOMINAL SIZE		REMARKS
			W	H	
IL-1	1-1/2" DEEP ALUM. STATIONARY	2100	36	24	1,2,3,4,5
IL-2	1-1/2" DEEP ALUM. STATIONARY	2100	36	24	1,2,3,4,5
IL-3	1-1/2" DEEP ALUM. STATIONARY	2100	36	24	1,2,3,4,5
IL-4	ROUND ALUMINUM	200	18"		1,2,3,4
EL-1	1-1/2" DEEP ALUM. STATIONARY	3850	48	24	1,2,3,4,5
EL-2	1-1/2" DEEP ALUM. STATIONARY	3850	48	24	1,2,3,4,5
EL-3	ROUND ALUMINUM	200	18"		1,2,3,4

REMARKS:

1. PROVIDE 1/2" ALUMINUM BIRD SCREEN.
2. UNIT SHALL BE OF CHANNEL FRAME CONSTRUCTION.
3. UNIT SHALL BE AMCA CERTIFIED.
4. PROVIDE PHENOLIC EPOXY POWDER COATING (KYNAR) ON ENTIRE ASSEMBLY. COLOR TO BE SELECTED BY OWNER.
5. FIELD VERIFY EXISTING MASONRY DIMENSIONS AND ADJUST OVERALL SIZE TO FILL ROUGH OPENING.

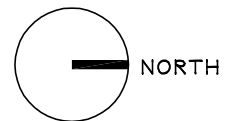
REFERENCE DWG.
M-601

TYPE F14 LIGHT FIXTURE SHALL BE OR EQUAL TO THE FOLLOWING:
MANUFACTURER: COOPER - AMETRIX SERIES
CAT# SS-SI-A-1-LF-017-UNV-W



PARTIAL FIRST FLOOR ELECTRICAL PLAN

SCALE: 1/8" = 1'-0"



REFERENCE DWG.
EL-101 & ES-102

Drawn by	Job No
KMH	1134
Date	Scale
5/14/12	AS NOTED



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Sheet Title
RENOVATE BUILDING 34 VA Medical Center Bath, NY

Sheet No
AD-E-01