

HSA BUILDING FACT SHEET

Building Number / Name: 512 / Hospital / Allergen Extract Lab / Pharmacy

Current Tenant / Use: Hospital / Allergen Extract Lab / Pharmacy

Original / Former Use: **Biological Research** / Veterinary Quarantine / Medical Research Laboratory / Mouse Colony (WRAIR R&D) (1961)

Date of Construction: 1956

Construction Materials: Unknown

Total Sq. Footage: 9885

Renovation Status: 1995, and again within the past 8 years

Floors: 2

Current Building Status: Existing, in-use

Sources of Information: (*References, Interviews*)

Document Reviews – WRAIR HSA, 1997; Correspondence Regarding Decommissioning and Close-out of Bldgs 149A, 188, 500, 506, 508, 511, 512, and 513 (8/18/2000)

Site Visit and Interviews – Interview with Mr. Burton

Radiological Data Summary (*RCOPCs, Impacted Room(s) / Area(s), etc.*):

- Radionuclides Used/Potential RCOPCs: C-14, H-3
- Potentially Impacted Rooms: 4, 6, 30
- Preliminary Dose Rate Survey (July 31, 2008): Background

Current Building Status: Radiological operations ceased as of December 1997, no close-out documentation discovered

Site Visit Information: (*Date Toured, Site Contact, Security Issues*)

Site Contact – Rosa Soliz, Building Manager

A tour of the building was conducted on July 31, 2008 by Paul Valentinelli, Mike Barsa, Dave Burton, and Anne Delp. The building has been extensively renovated and the room numbering system has changed since radioactive materials usage occurred.

Preliminary MARSSIM Classification(s): Impacted, MARSSIM Class 3 (bias toward Rooms 4, 6, and 30)

Recommendations: The building (with bias toward the area expected to be in the location of the former Rooms 4, 6, and 30) should be surveyed as MARSSIM Class 3 with a focus on original surfaces, if possible. A 10% scan survey on floors, bench tops, and lower wall surfaces should be performed, along with 30 random smears and a general area dose rate measurement. It is also recommended that any remaining original mechanical systems (sinks, drains, hoods) be investigated for residual contamination. Representative samples from systems should be collected based on

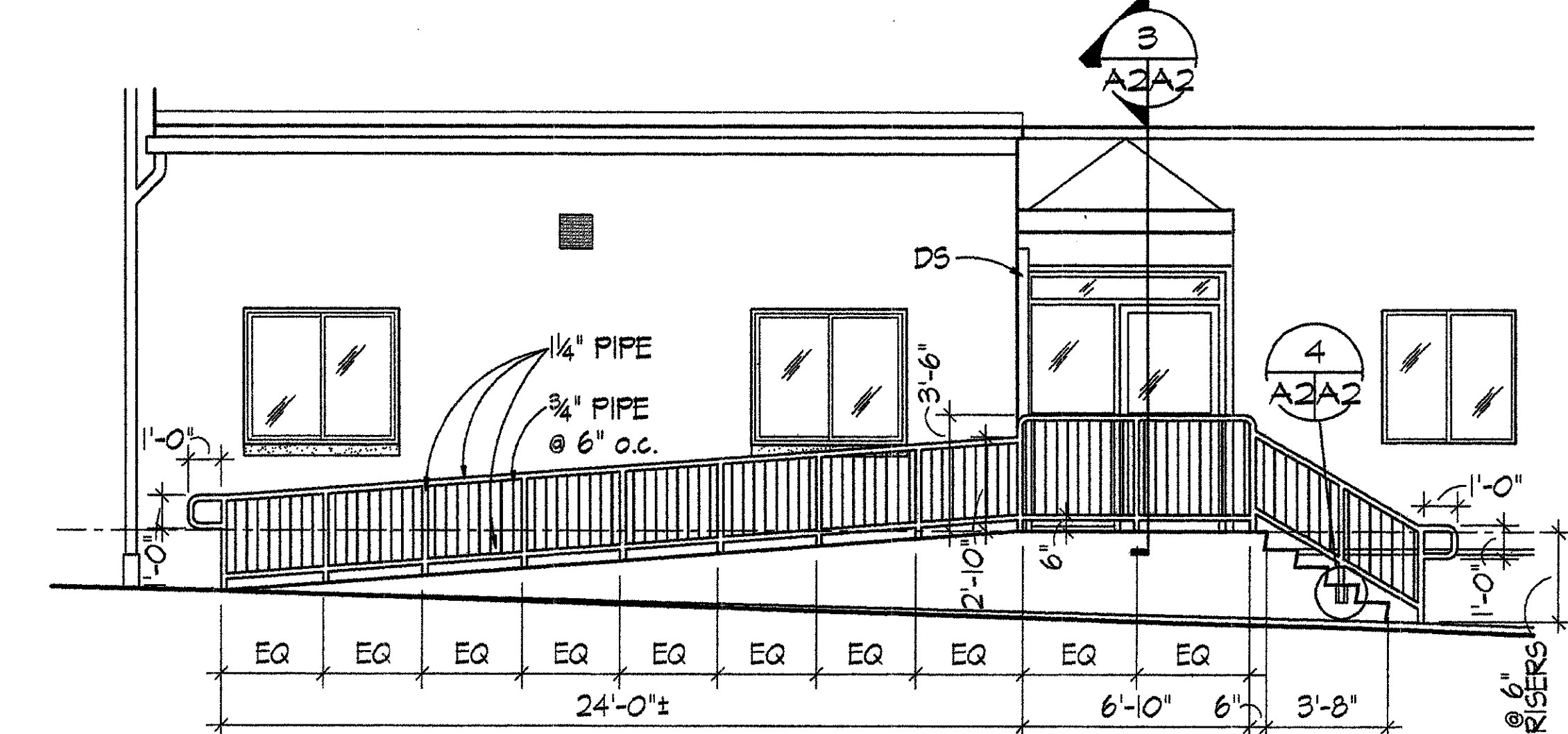
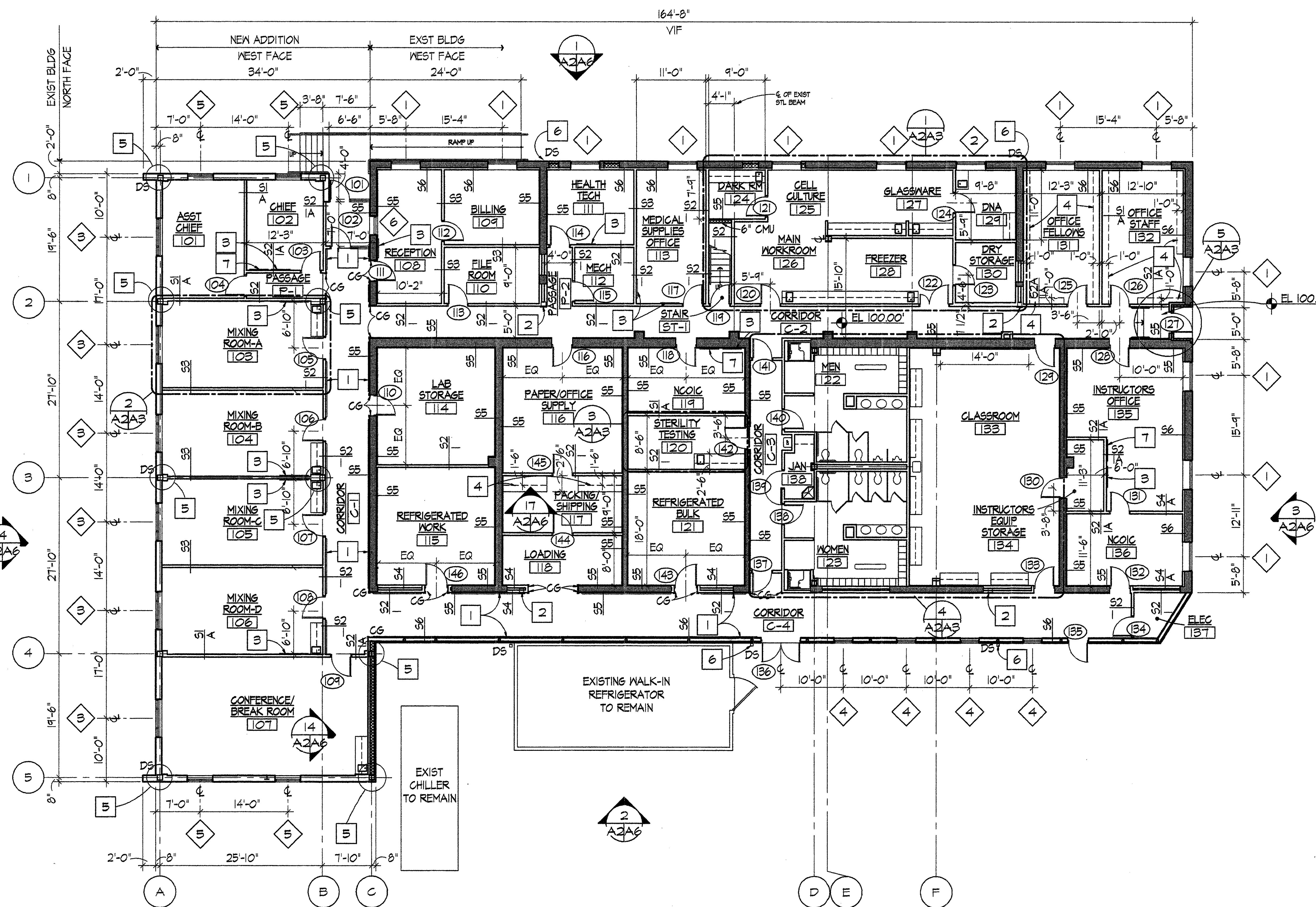
professional judgment. Given the extensive renovation of this building, the chance of finding any original surfaces is low.

Photograph(s) Taken:

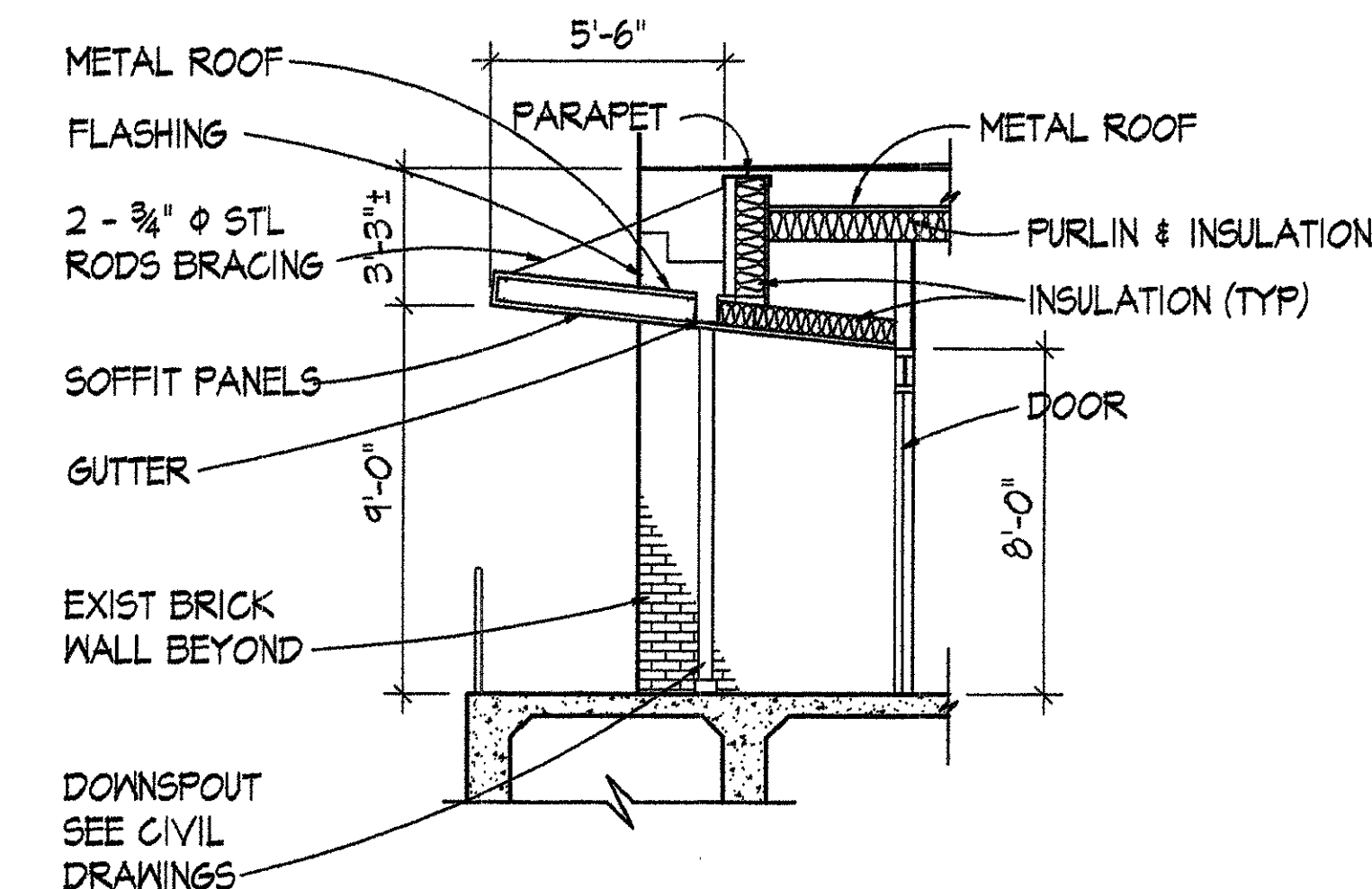


Original Hallway

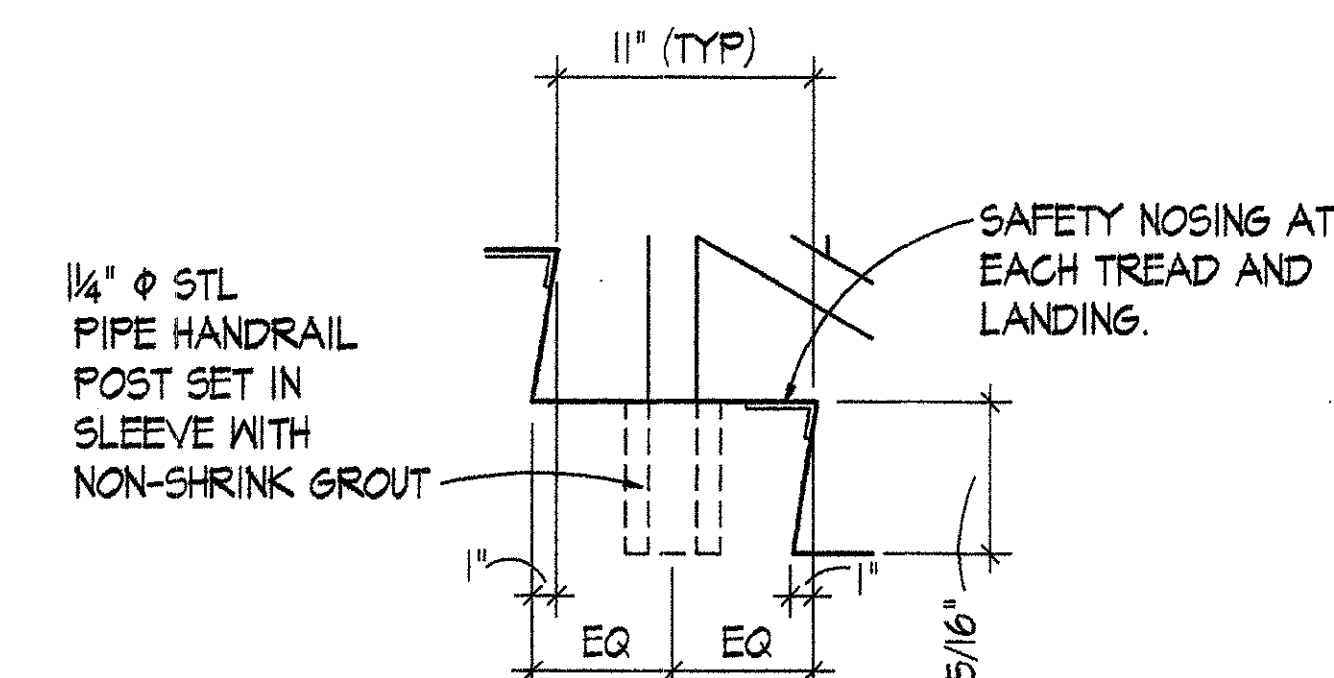
Floor Plan(s) / As-built Drawing(s): See attached



2 HANDRAIL DETAIL
SCALE: 1/4" = 1'-0"



3 CANOPY SECTION
SCALE: 1/4" = 1'-0"



4 CONCRETE STEP DETAIL
SCALE: 1 1/2" = 1'-0"

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

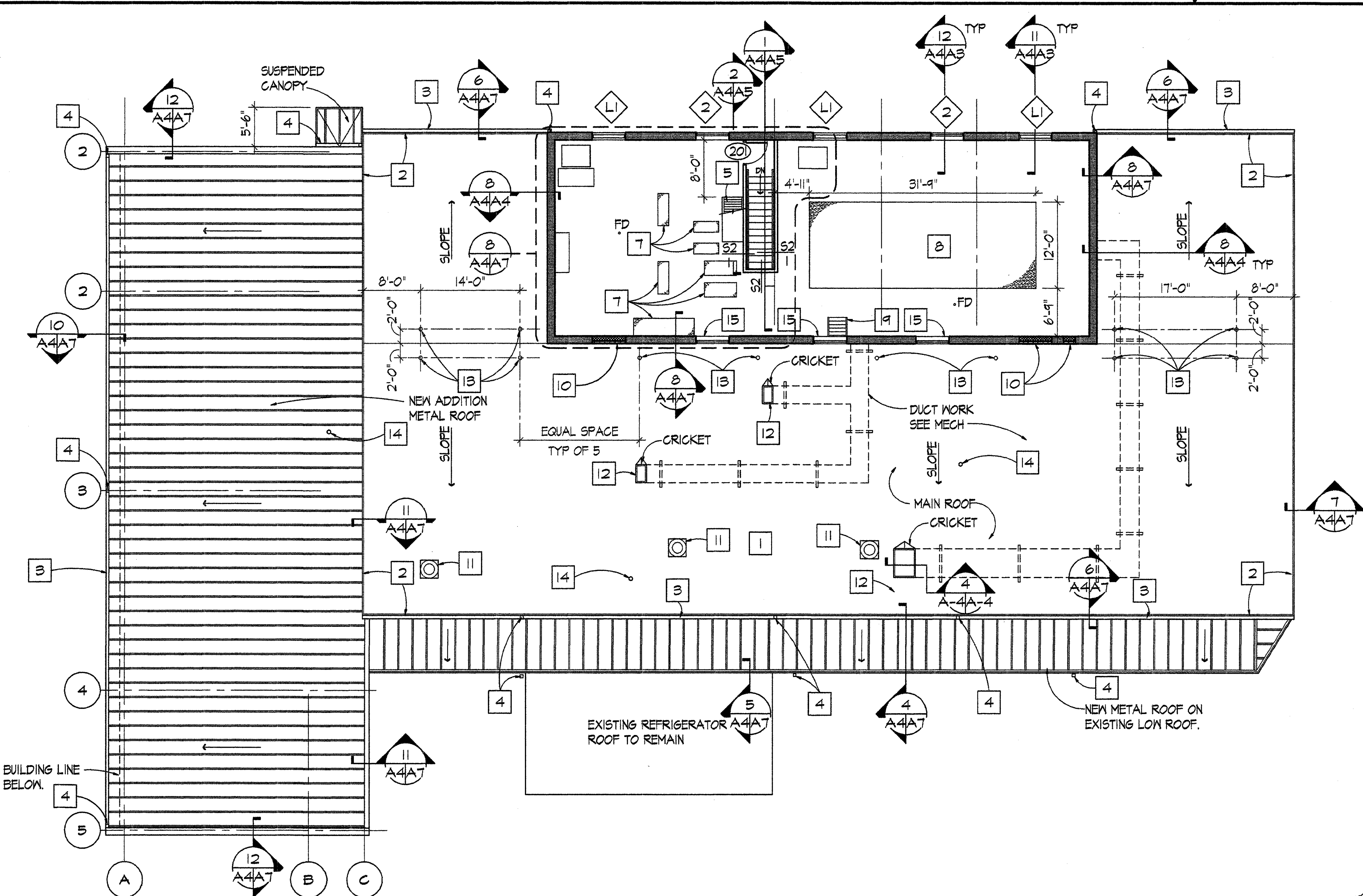
DRAWING NOTES: (APPLY TO THIS DRAWING ONLY)

- WALL GUARD RAIL MOUNTED TOP 3'-6" AFF
- SEMI-RECESSED FIRE EXTINGUISHER CABINET. SEE 15 A2A9
- 2x3' PRE-FRAMED TACKBOARD MOUNTED BOTTOM 3'-6" AFF.
- 1" THICK PLAM ADJUSTABLE SHELVES. SEE 18 A2A6
- COL -1A, COL -1B, COL -2A, COL -2B, COL -3A, COL -3B, COL -4A, COL -4B, COL -5A, AND COL -5B DETAILS. SEE SHEET A8.
- NEW DOWNSPOUT CONNECTED TO EXIST CAST IRON BOOT.
- 3'-0"x4'-0" DRY MARKER BOARD. BOTTOM AT 3'-6" AFF.

GENERAL CONSTRUCTION NOTES:

- CHECK AND VERIFY ALL DIMENSIONS AND CONDITIONS AT THE JOB SITE BEFORE STARTING THE WORK.
- DIMENSIONS ARE FROM FACE OF GMB OR EXPOSED MASONRY UNLESS OTHERWISE NOTED.
- EVERY EFFORT HAS BEEN MADE TO IDENTIFY THOSE DIMENSIONS WHICH REQUIRE FIELD VERIFICATION WITH ± DIMENSIONS NOT SO NOTED ARE INTENDED TO BE HELD. FIELD VERIFY ALL DIMENSIONS PRIOR TO FABRICATION OR INSTALLATION OF BUILDING COMPONENTS.
- WHERE DISCREPANCIES OCCUR BETWEEN VARIOUS DRAWINGS OBTAIN CLARIFICATION FROM THE CONTRACTING OFFICER'S REPRESENTATIVE BEFORE PROCEEDING WITH THE WORK.
- WHERE SPECIFIC DETAILING IS NOT SHOWN, EXECUTE THE CONSTRUCTION IN A APPROPRIATE, WORKMANLIKE MANNER CONSISTENT WITH THE OTHER DETAILING SHOWN.
- PROVIDE BLOCKING WITHIN PARTITIONS FOR ALL WALL MOUNTED FURNISHINGS, EQUIPMENT AND ACCESSORIES.
- ROOM NAMES INDICATED ON DRAWINGS BASED ON PRESENT LAB USE INFORMATION. CONTRACTOR TO COORDINATE WITH CONTRACTING OFFICER'S REPRESENTATIVE FOR PERMANENT IDENTIFICATION.
- COORDINATE DEMOLITION, PATCHING AND FINISHING WITH MECHANICAL AND ELECTRICAL REQUIREMENTS.

MARSHALL CRAFT ASSOCIATES, INC. ARCHITECTURE / INTERIOR DESIGN / PLANNING 6112 YORK ROAD BALTIMORE, MARYLAND 21212-2611 410 532 3151 FAX 410 532 9206		A2	
		WALTER REED ARMY MEDICAL CENTER DIRECTORATE OF PUBLIC WORKS WASHINGTON, DC 20307-5001	
REVISION	DATE	DESCRIPTION	BY
REVIEWED BY		FIRE CHIEF CH OPERATIONS DIV CH INSPECTION BR. SAFETY OFFICER PREVENTIVE MEDICINE	
DRAWN BY DESIGN BY REVIEWED & COORDINATED PROJECT LEADER ENGINEER BY USING AGENCY		BUILDING #512 RENOVATION FIRST FLOOR NEW WORK PLAN	
DATE		APPROVED BY:	
SUBMITTED BY:		DATE	
CHIEF, ENGINEERING, PLANS & SERVICES DIV.		DATE	
SCALE: AS NOTED		PROJECT NO. FE-00124-5J SHEET 6 OF 45	



SECOND FLOOR NEW WORK PLAN AND ROOF PLAN
A4A/T SCALE: 1/8" = 1'-0"

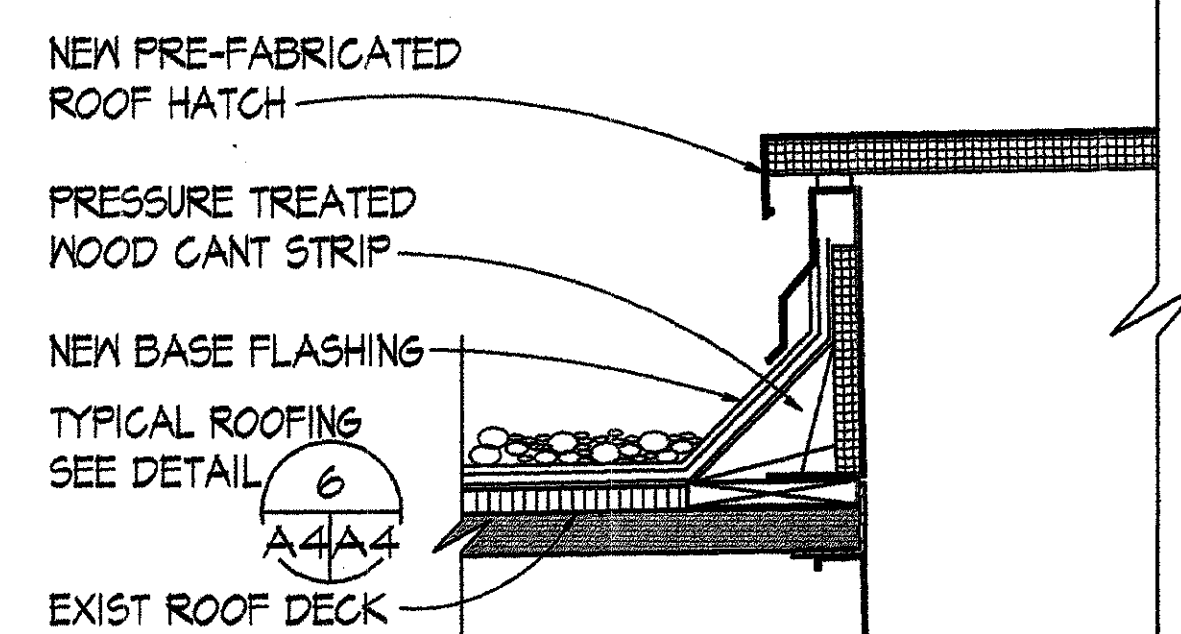
DRAWING NOTES: (APPLY TO THIS DRAWING ONLY)

- 1 NEW BUILT-UP ROOF ON EXISTING ROOF DECK.
- 2 METAL GRAVEL STOP.
- 3 METAL GUTTER.
- 4 METAL DOWNSPOUT.
- 5 SHIP LADDER TO HIGH ROOF.
- 6 METAL ROOF HATCH.
- 7 4" HIGH CONC PAD WITH #4 REBAR 12" OC EACH WAY.
- 8 AIR HANDLING UNIT CONCRETE PAD 4" HIGH WITH #4 REBAR 18" OC EACHWAY

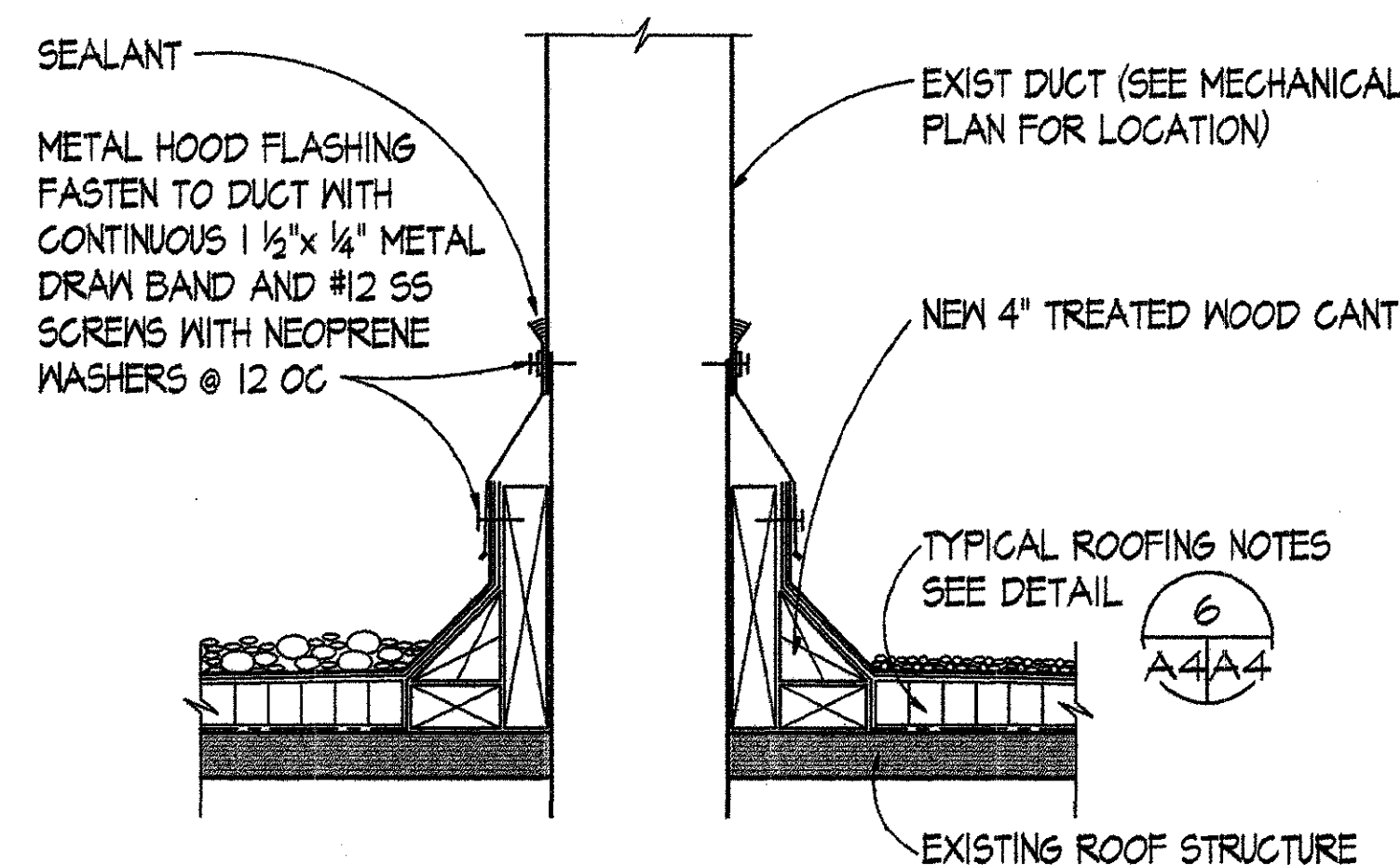
- 9 EXISTING METAL STAIR TO REMAIN. CLEAN AND REPAIR.
- 10 MASONRY INFILL. 4" FACE BRICK AND 8" CMU BACK.
- 11 EXHAUST FAN. SEE MECHANICAL AND ELECTRICAL DRAWINGS.
- 12 DUCT WORK PENETRATIONS. SEE MECHANICAL DRAWINGS.
- 13 6"Ø ROOF VENT SEE NRCA TYPICAL DETAIL BUR-V
- 14 VENT PIPE SEE MECHANICAL DRAWINGS.
- 15 EXISTING STEEL WINDOWS TO REMAIN. CLEAN AND REPAIR.

GENERAL CONSTRUCTION NOTES:

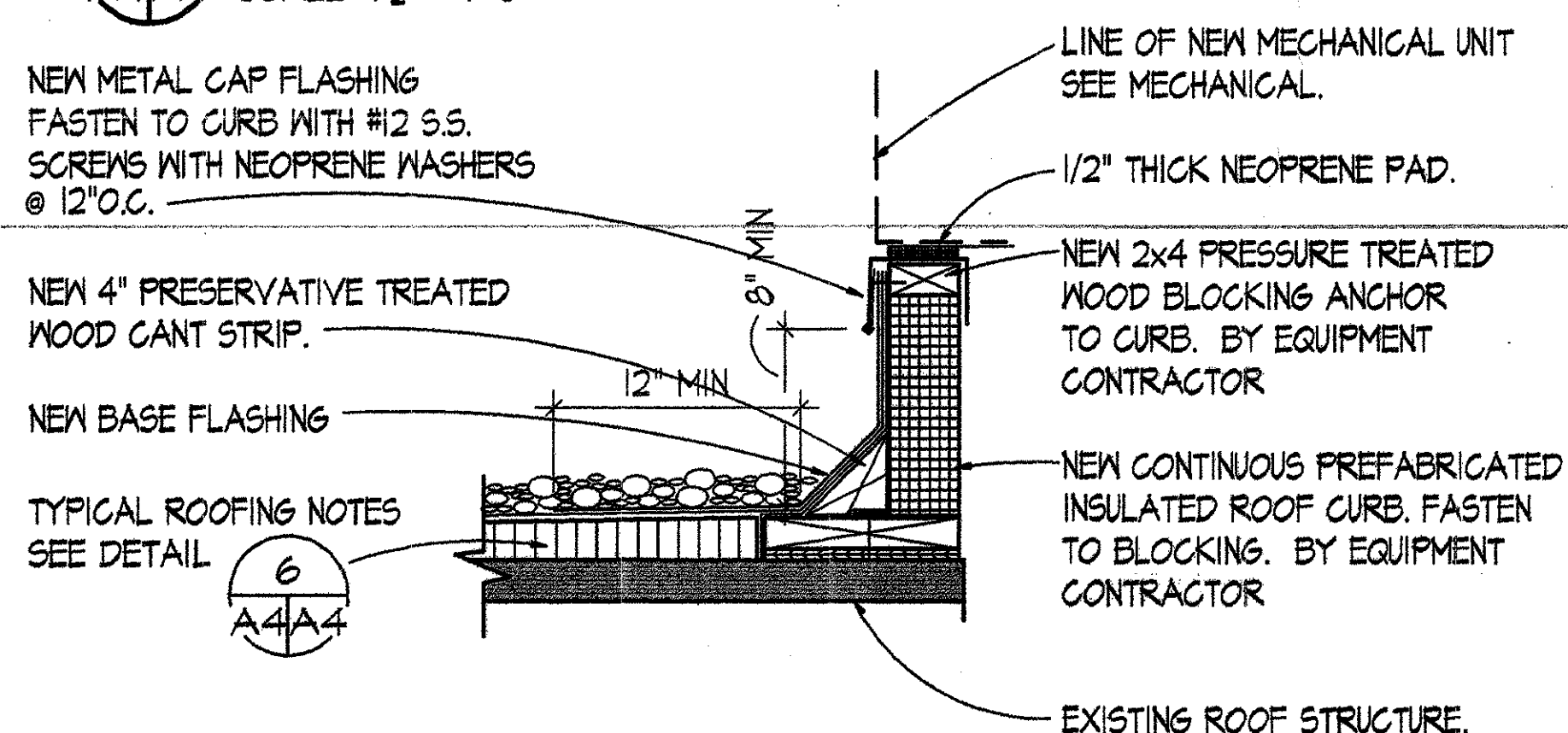
1. CLOSE ABANDONED EXIST ROOF OPENINGS USING 1 1/2" x 16 GAUGE, TYPE B, GALVANIZED STEEL ROOF DECK. REPAIR PANEL WIDTH SHALL MATCH THE OPENING AND LENGTH SHALL BE FROM CENTERLINE - TO - CENTERLINE OF THE EXIST JOISTS BEYOND BOTH SIDES OF THE OPENING (DIMENSIONS TO BE FIELD DETERMINED, AND EXIST OPENING SIZE TO BE EXTENDED AS REQUIRED). ATTACH ROOF DECK IN ACCORDANCE WITH SECTION 05300 OF THE PROJECT SPECIFICATION.



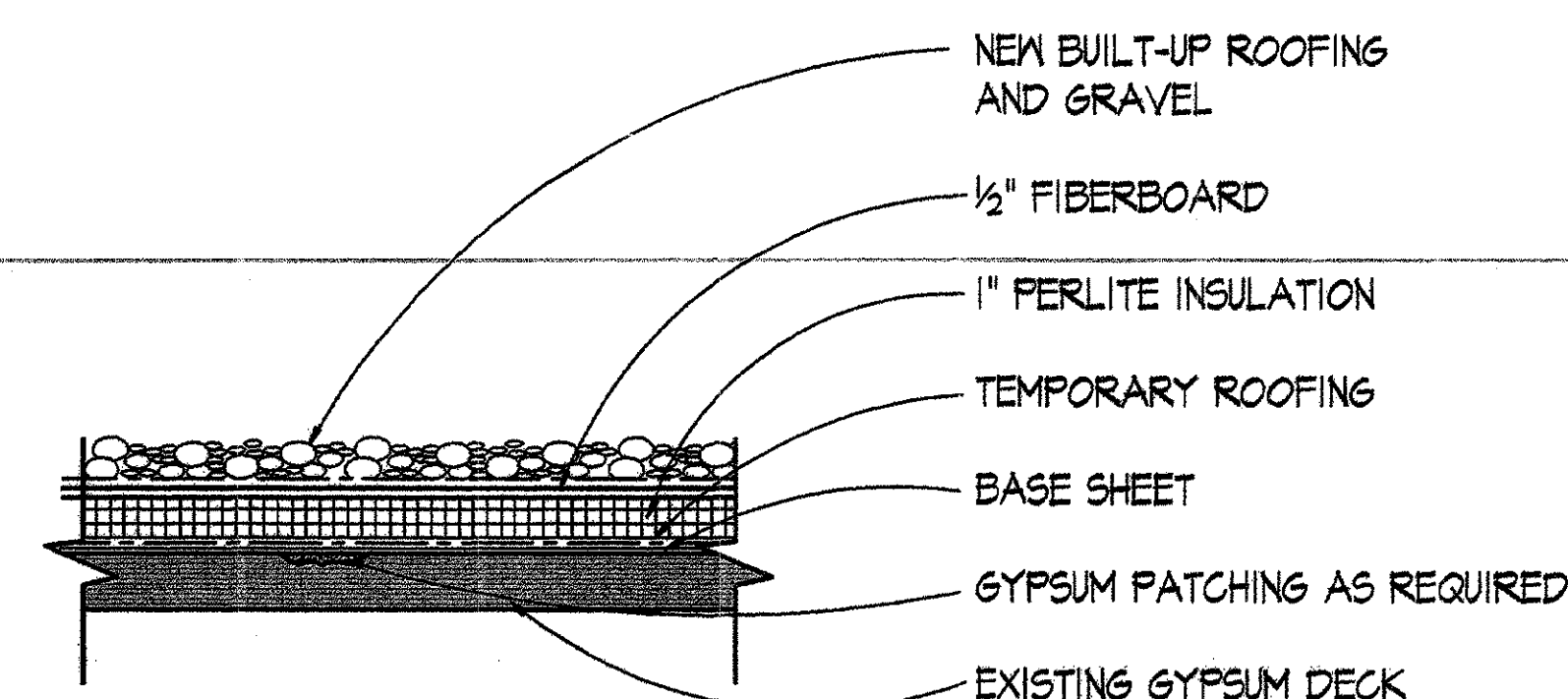
3 ROOF HATCH FLASHING DETAIL
A4A/T SCALE: 1/2" = 1'-0"



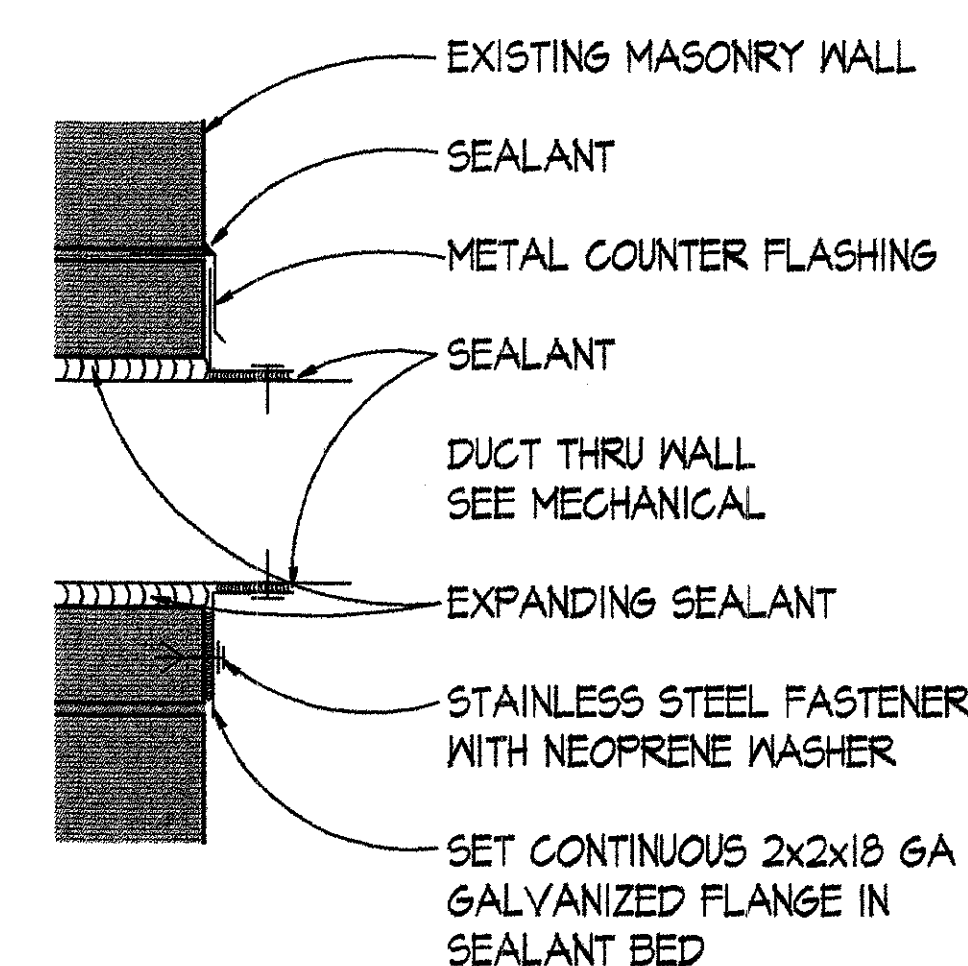
4 DUCT PENETRATION DETAIL
A4A/T SCALE: 1/2" = 1'-0"



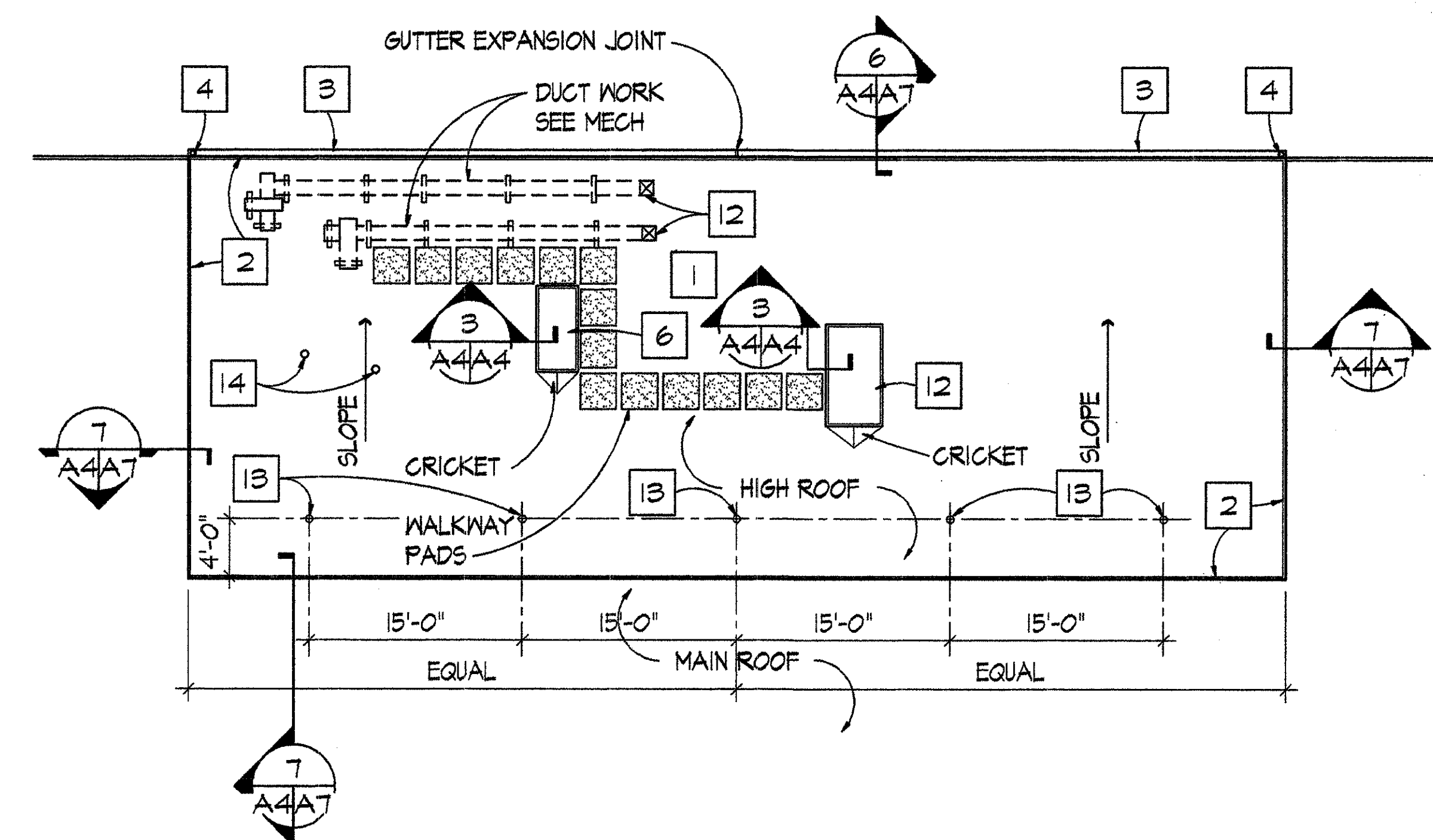
5 PREFABRICATED EQUIPMENT CURB
A4A/T SCALE: 1 1/2" = 1'-0"



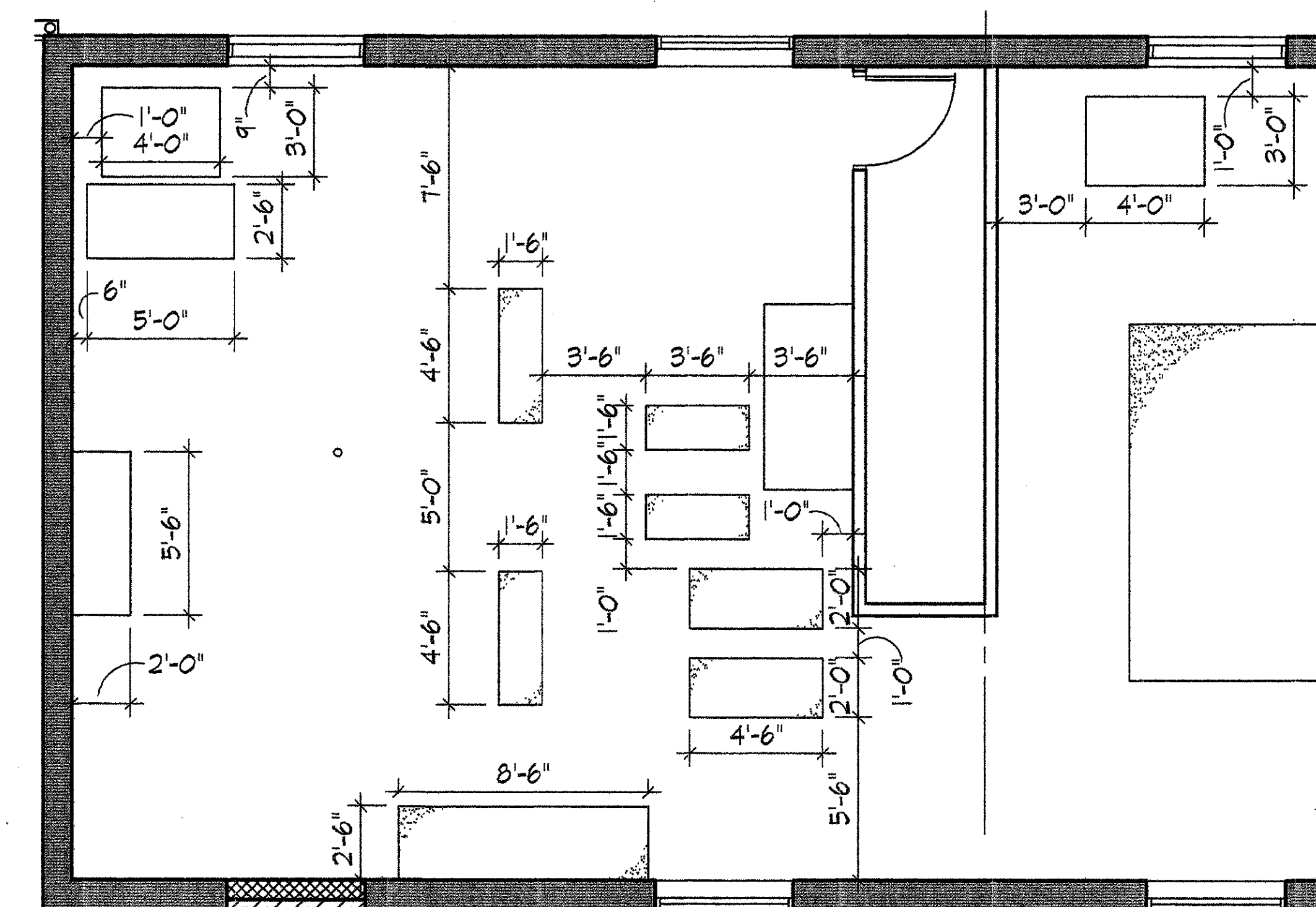
6 NEW ROOFING ON EXISTING ROOF DECK TYP DETAIL
A4A/T SCALE: NTS



7 DUCT PENETRATION THRU EXTERIOR WALL DETAIL
A4A/T SCALE: 1/2" = 1'-0"

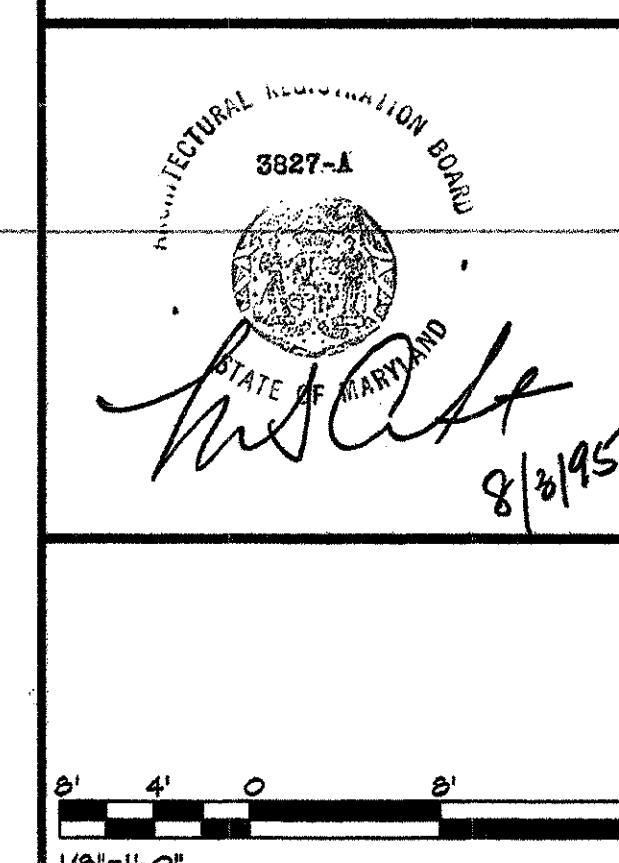


2 HIGH ROOF PLAN
A4A/T SCALE: 1/8" = 1'-0"



8 CONCRETE PAD LAYOUT
A4A/T SCALE: 1/4" = 1'-0"

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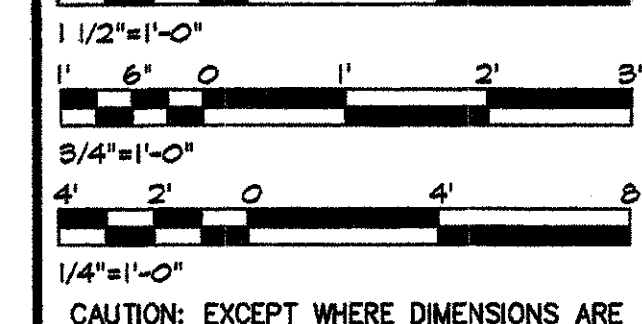
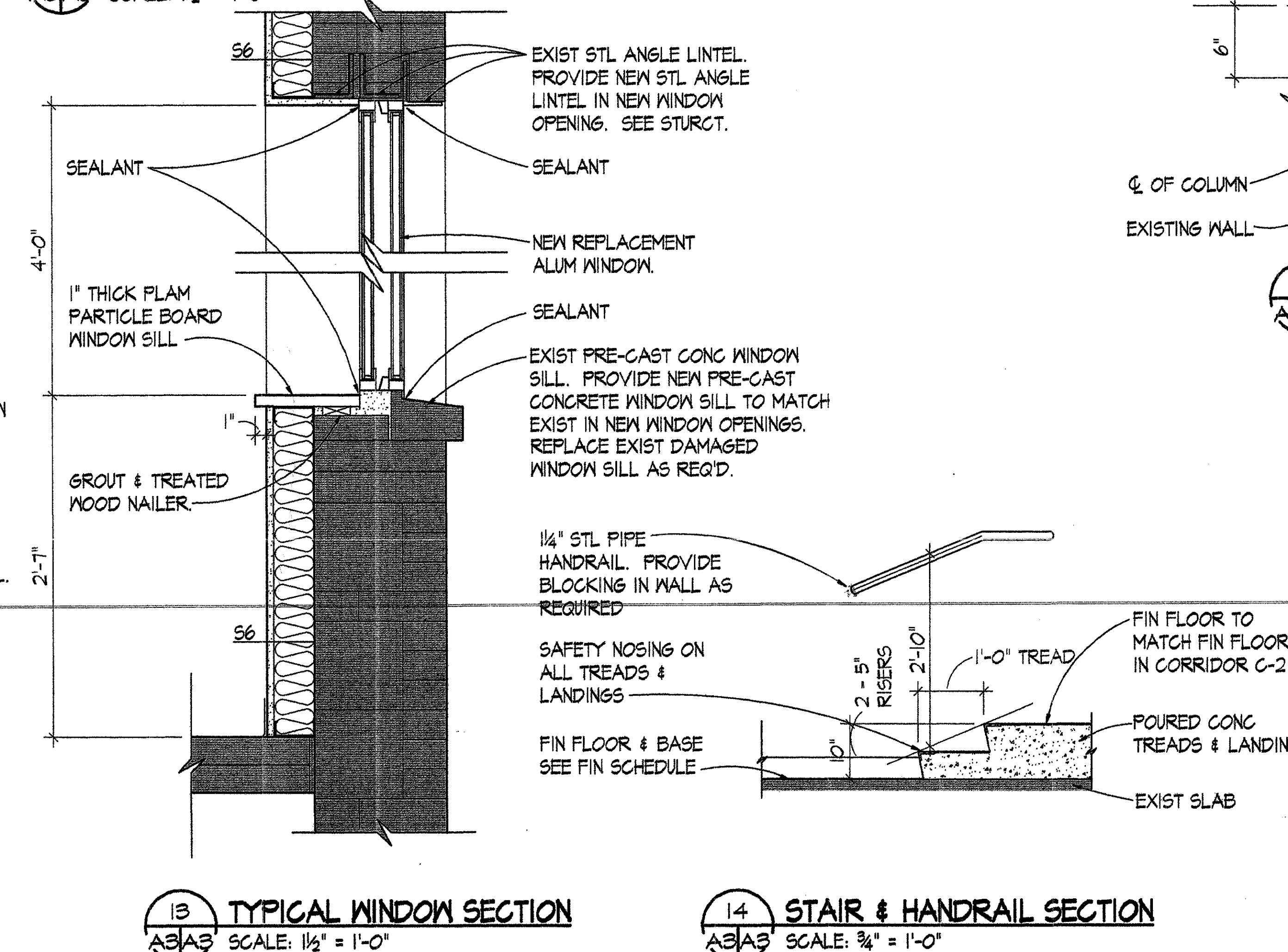
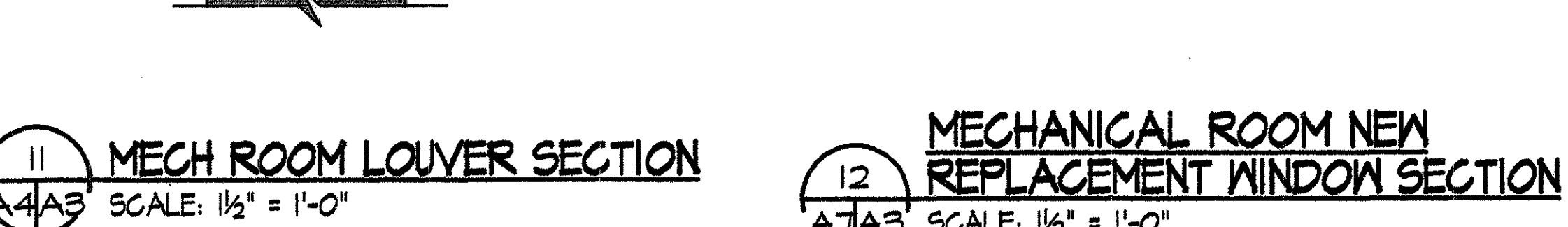
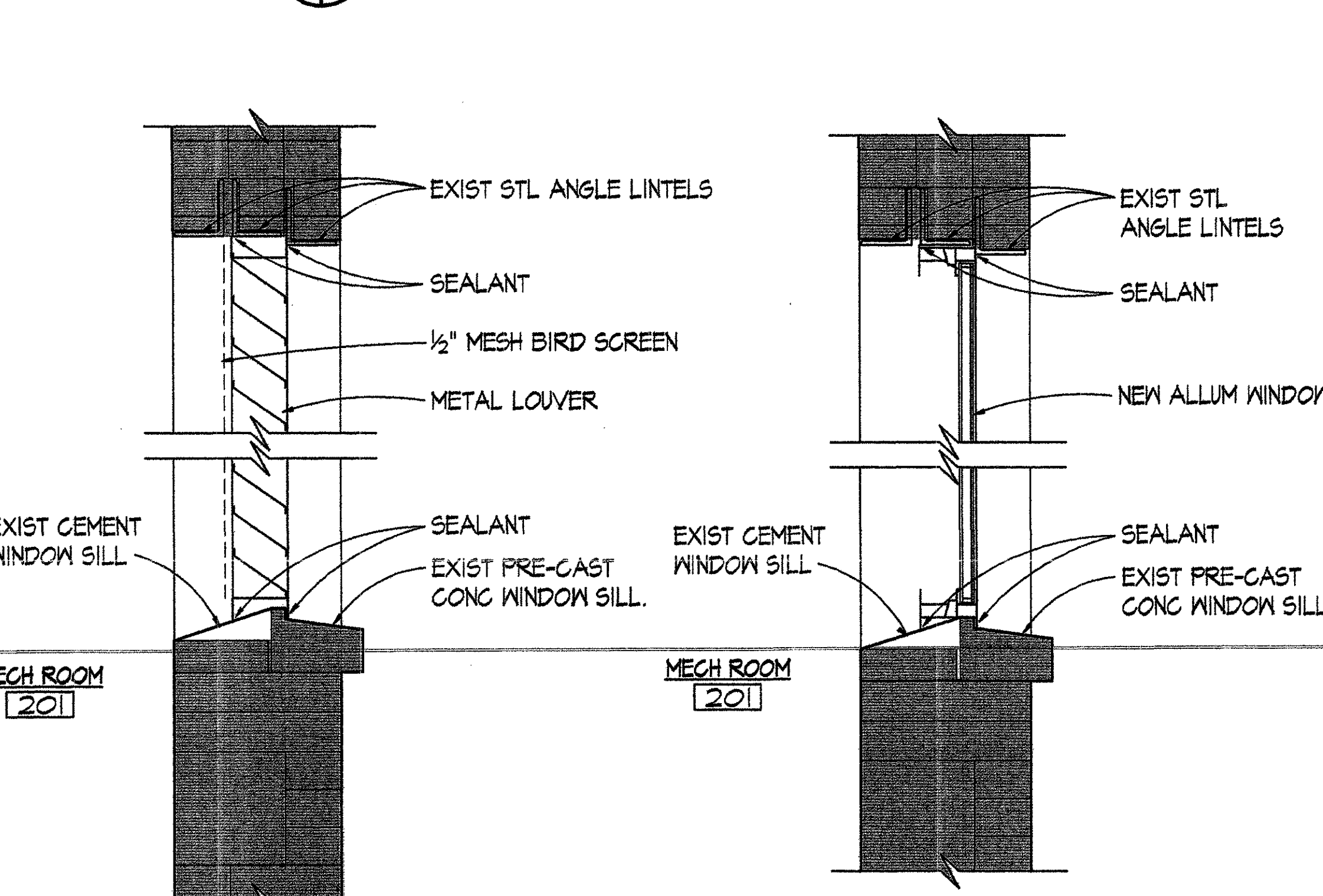
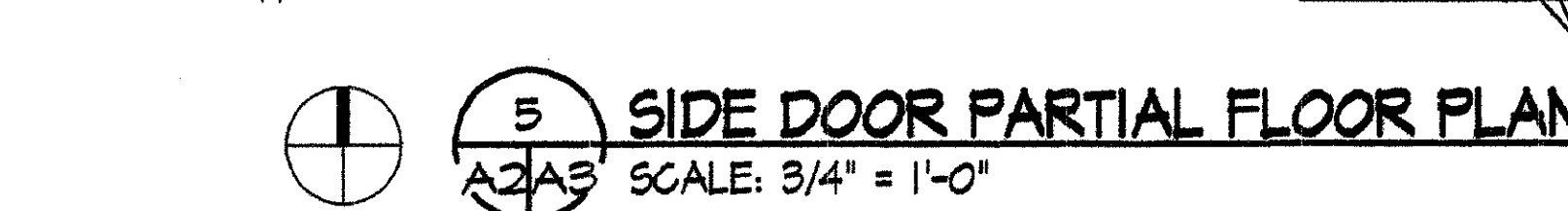
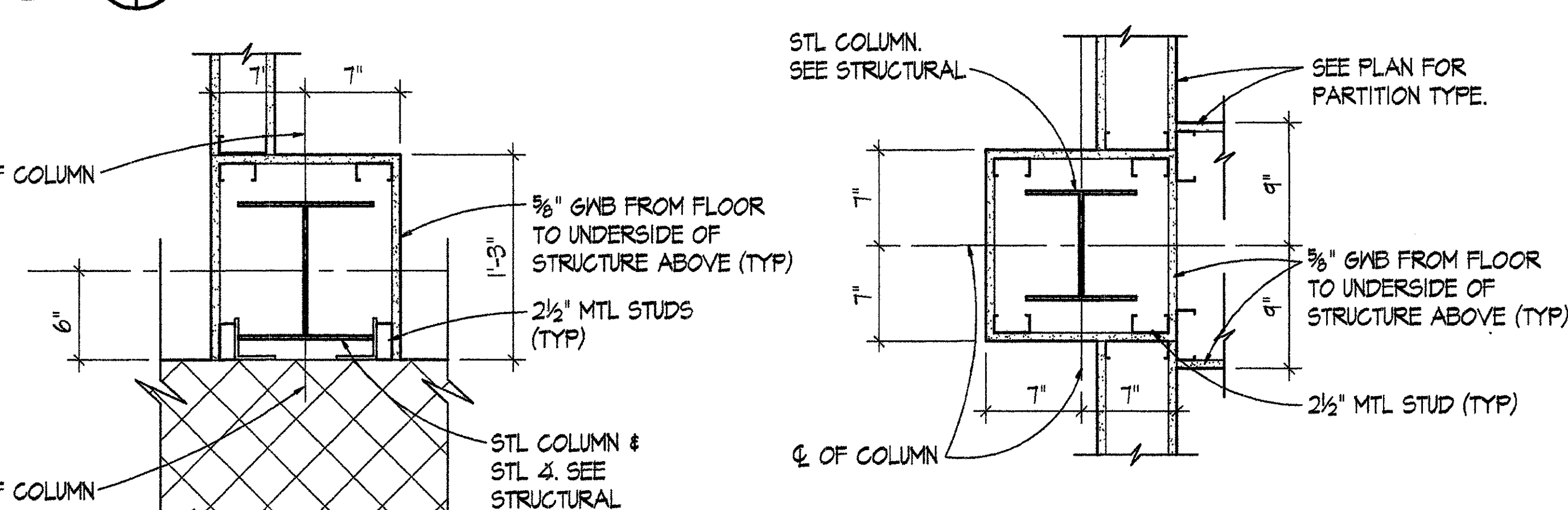
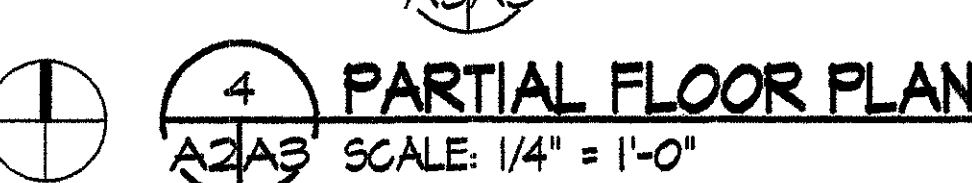
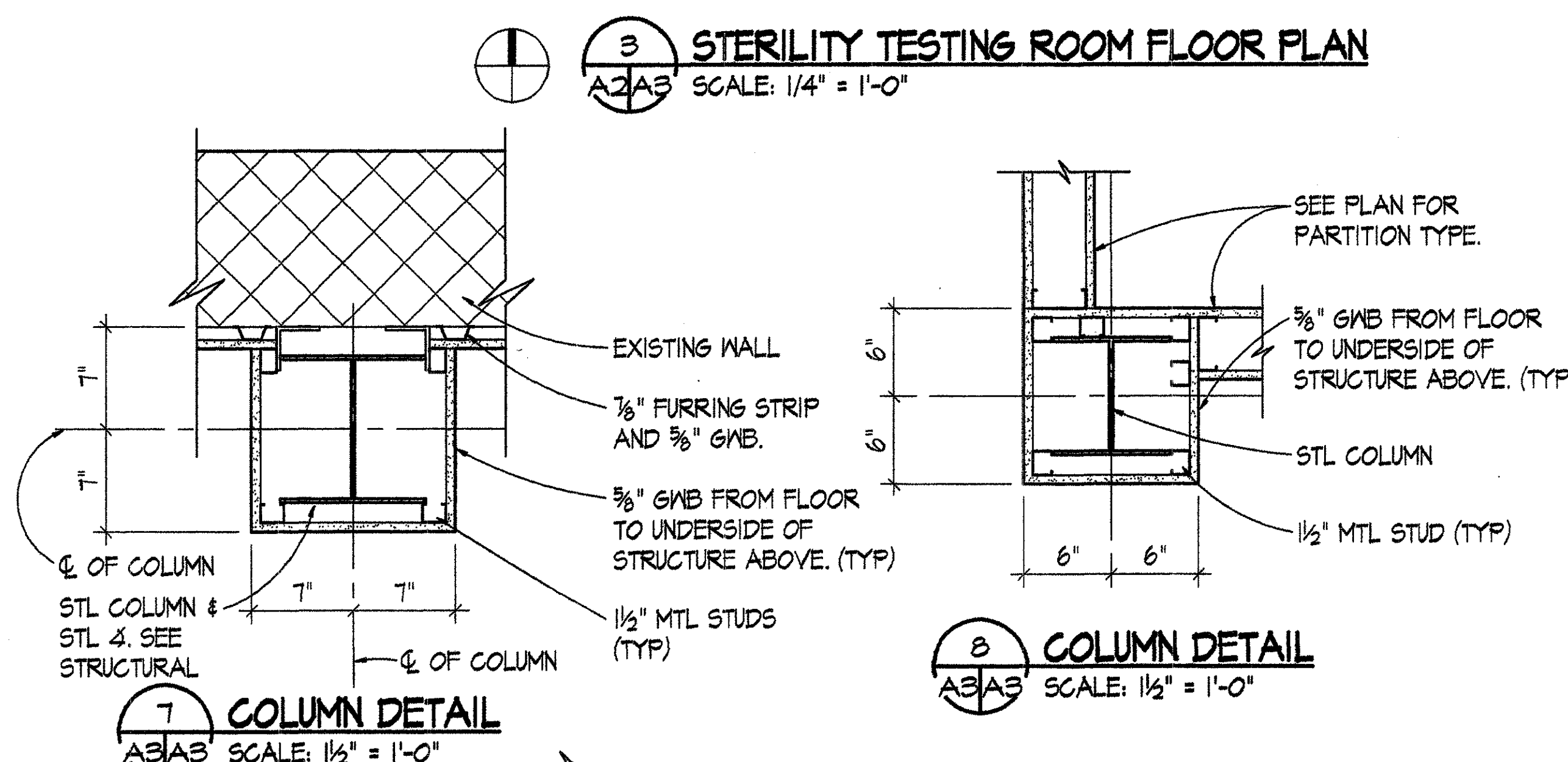
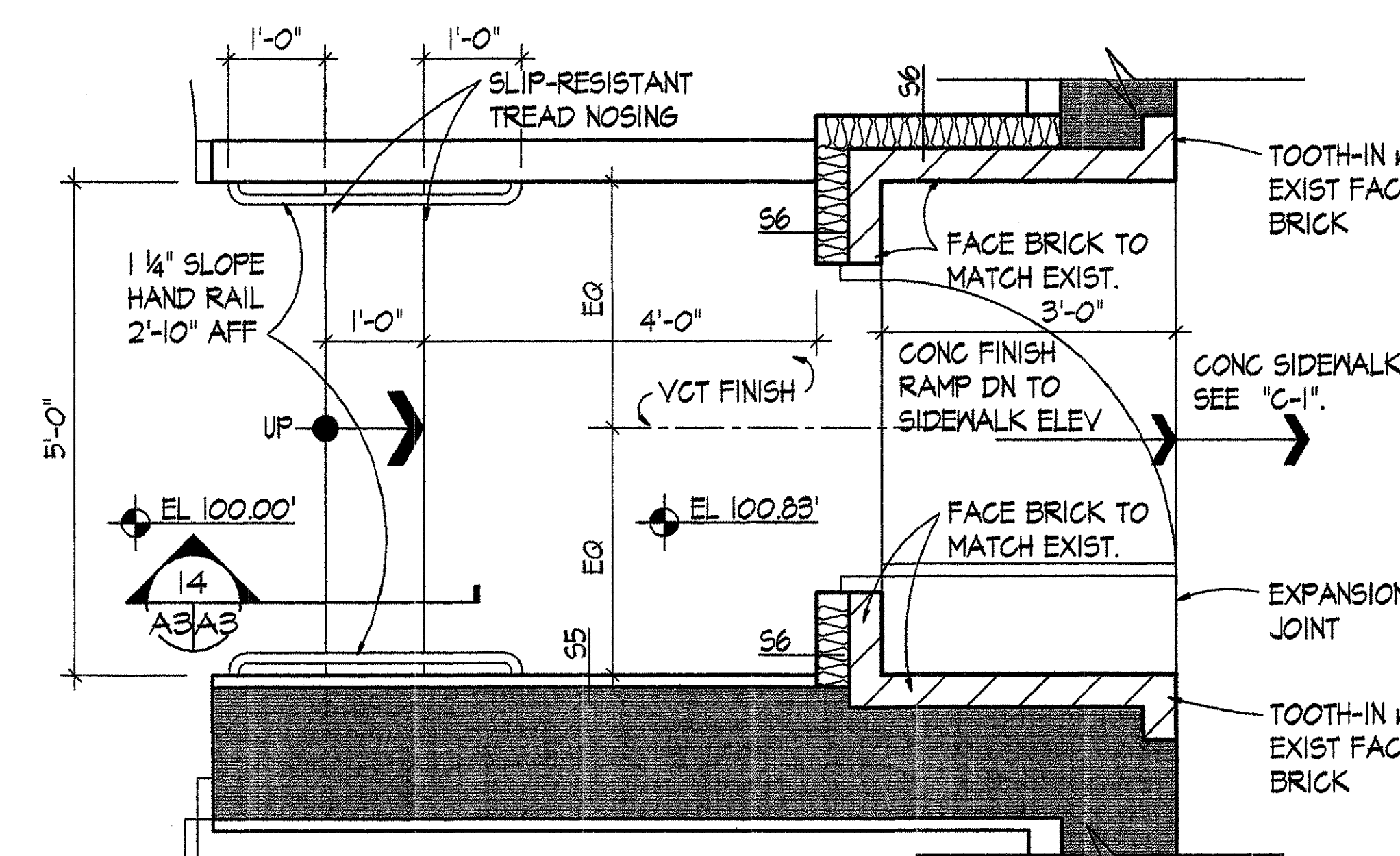
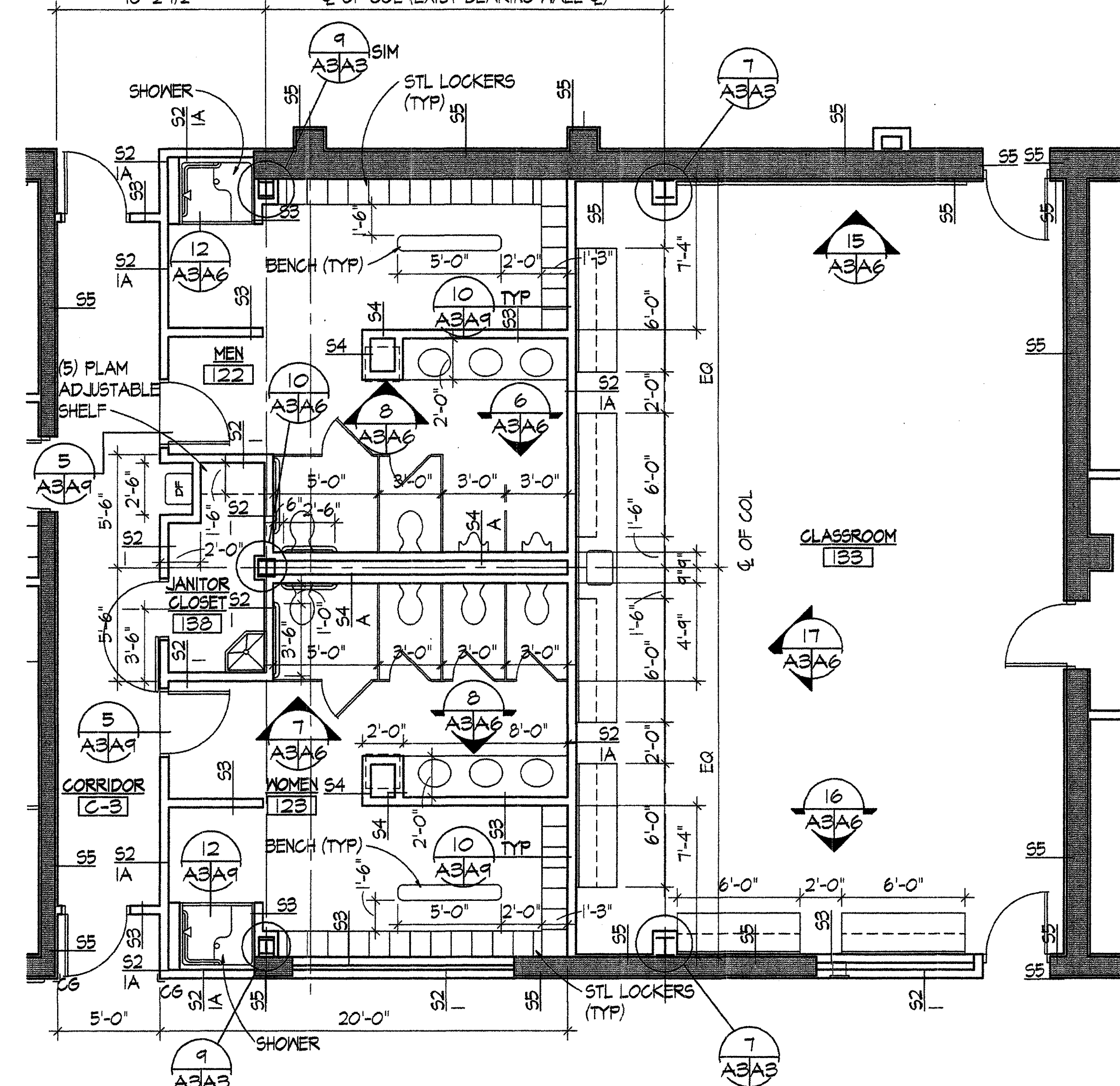
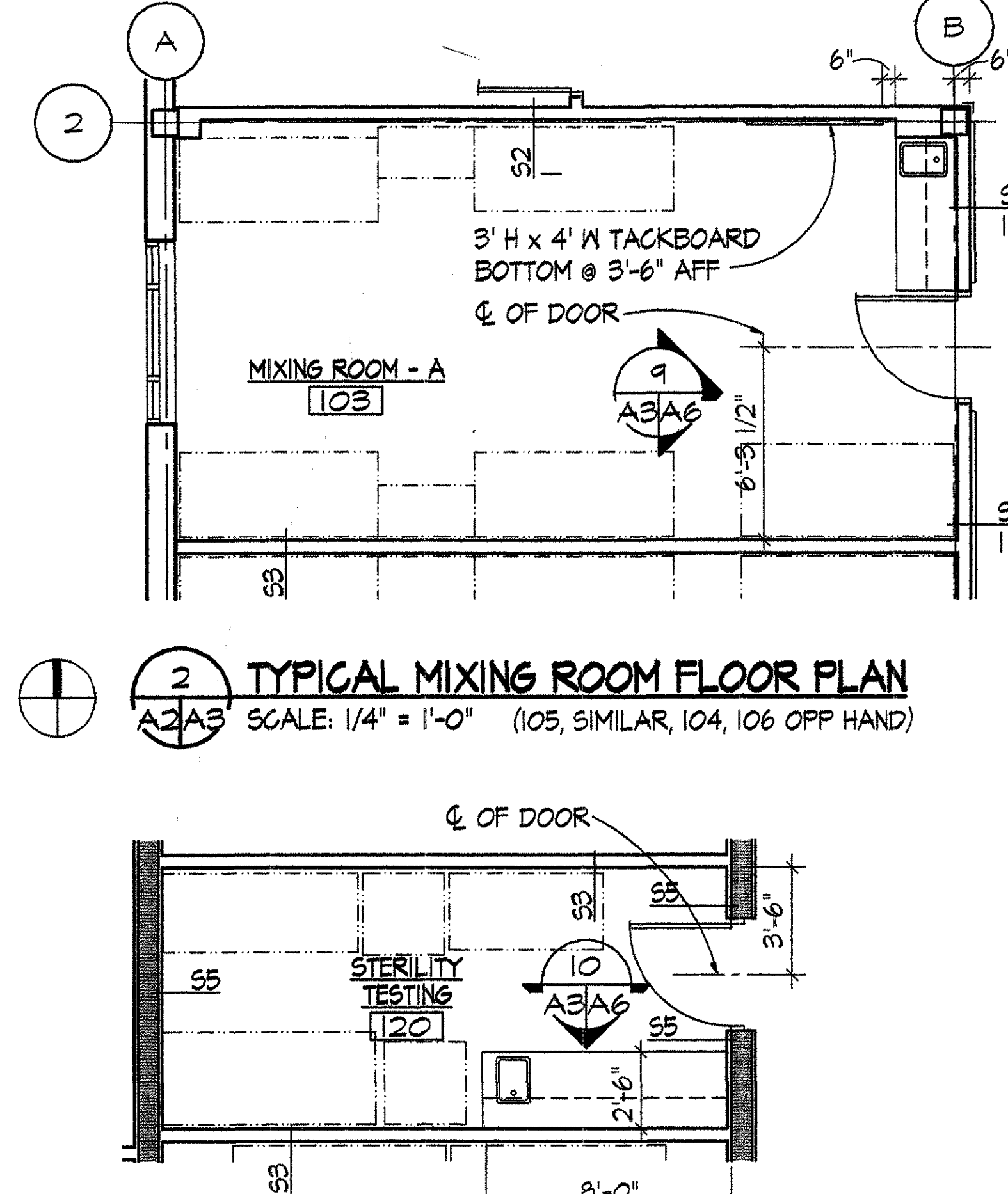
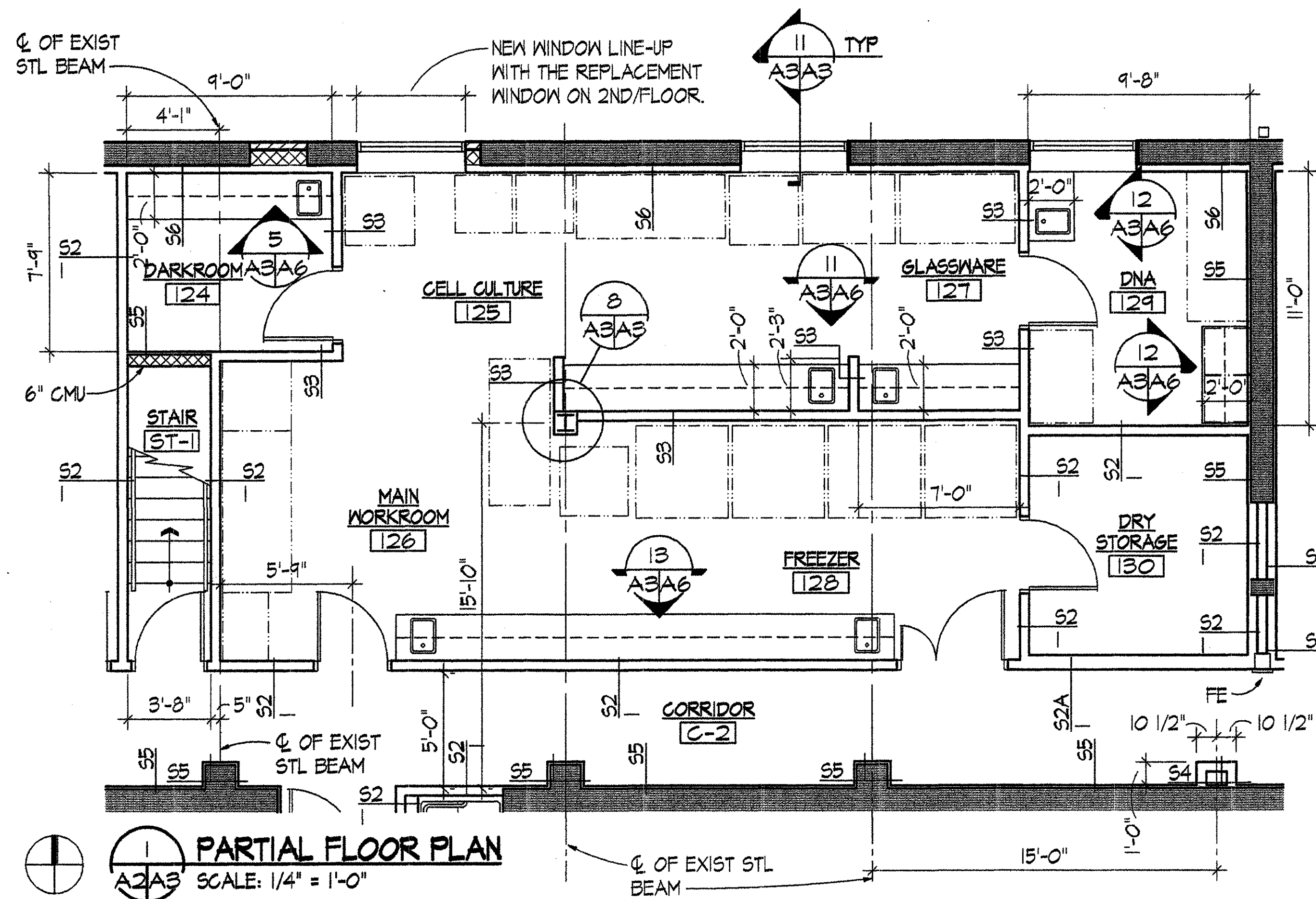


CAUTION: EXCEPT WHERE DIMENSIONS ARE INDICATED, GRAPHIC SCALES MUST BE USED.

REVISION		DATE		DESCRIPTION		BY	
REVIEWED BY		DATE		DESCRIPTION		BY	
FIRE CHIEF		DESIGN BY		PROJECT LEADER		SIGNATURE	
CH OPERATIONS DIV		REVIEWED & COORDINATED		USING AGENCY		DATE	
CH INSPECTION DIV		SUBMITTED BY		APPROVED BY		DATE	
SAFETY OFFICER		CHIEF, ENGINEERING, PLANS & SERVICES DIV.		DATE		FACILITIES ENGINEER	
PREVENTIVE MEDICINE		SCALE		PROJECT NO.		SHEET	
				FE-00124-5J		8 OF 45	

WALTER REED ARMY MEDICAL CENTER
DIRECTORATE OF PUBLIC WORKS
WASHINGTON, DC 20307-5001

BUILDING #512
RENOVATION
SECOND FLOOR & ROOF
NEW WORK PLAN



MARSHALL CRAFT ASSOCIATES, INC. ARCHITECTURE / INTERIOR DESIGN / PLANNING 6112 YORK ROAD BALTIMORE, MARYLAND 21212-2611 410 532 9191 FAX 410 532 9206				A3	
		REVISION		DATE	
				BY	
REVIEWED BY		WALTER REED ARMY MEDICAL CENTER DIRECTORATE OF PUBLIC WORKS WASHINGTON, DC 20307-5001			
FIRE CHIEF _____ _____		DRAWN BY - _____ DESIGN BY - _____		BUILDING #512 RENOVATION PARTIAL FLOOR PLANS & COLUMN DETAILS	
CH OPERATIONS DIV _____ _____		REVIEWED & COORDINATED _____ _____			
CH INSPECTION DIV _____ _____		PROJECT LEADER _____ _____			
SAFETY OFFICER _____ _____		ENGINEER CHK BY _____ USING AGENCY _____ _____			
PREVENTIVE MEDICINE _____ _____		DATE _____ SUBMITTED BY: _____			
CAUTION: EXCEPT WHERE DIMENSIONS ARE INDICATED, GRAPHIC SCALES MUST BE USED.		SCALE PROJECT NO. FF-00124-5.1		APPROVED BY: _____ FACILITIES ENGINEER DATE _____	
		SHEET 7 OF 45			