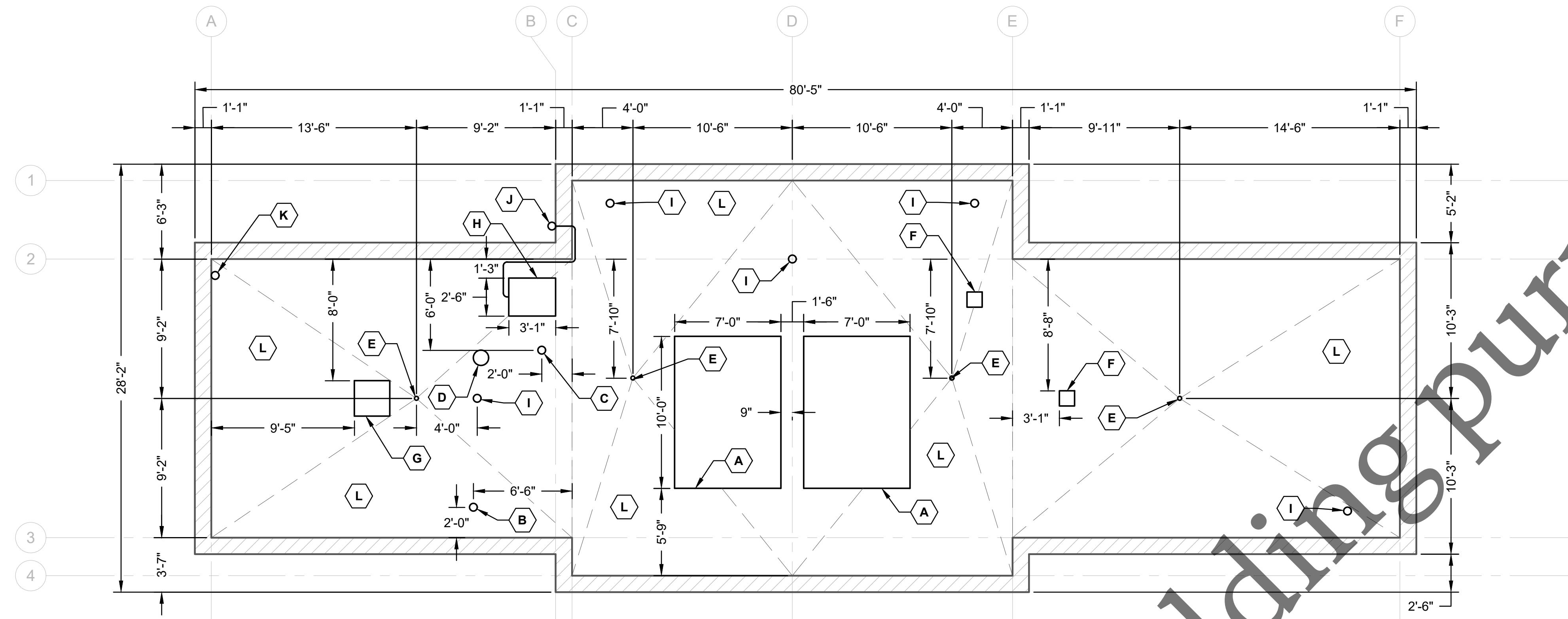


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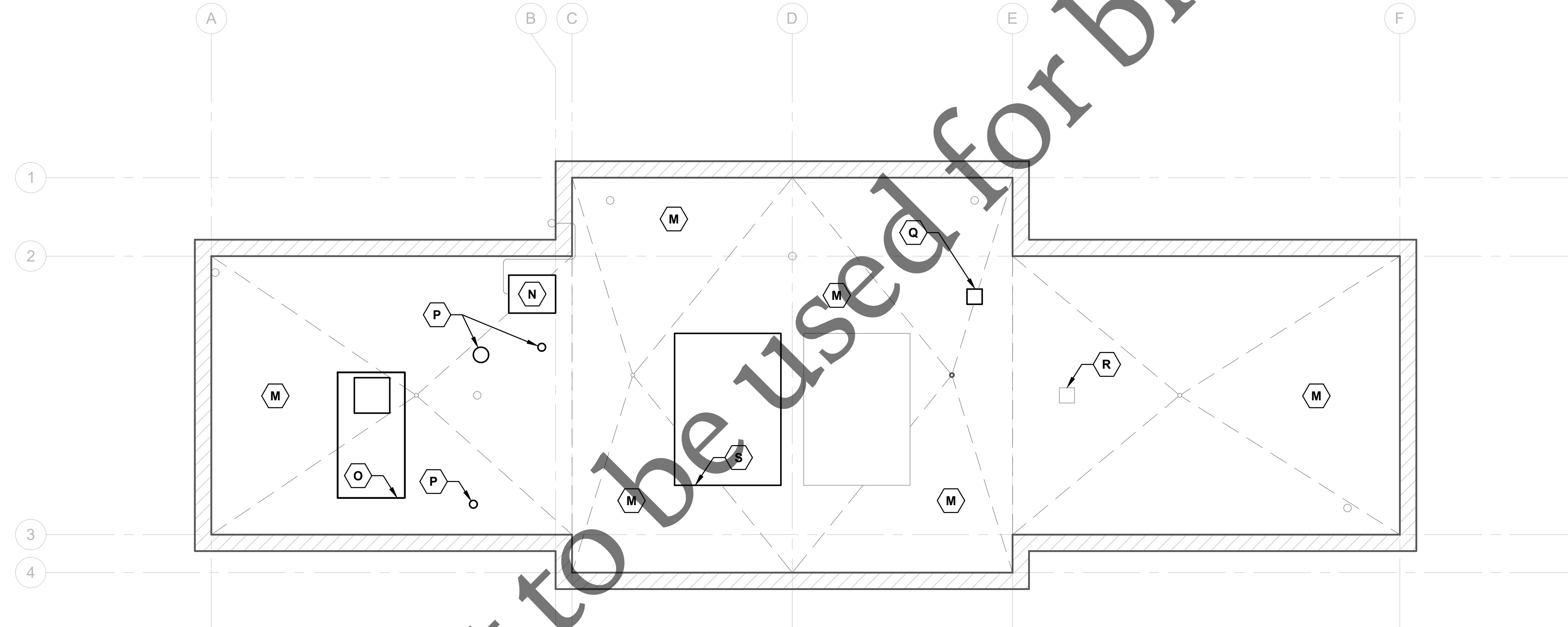
EXISTING CONDITIONS PLAN
SCALE: 1"=5'-0"

EXISTING CONDITIONS LEGEND

- A ALUMINUM CAP
- B GAS INTAKE, 6"
- C GAS VENT, 6"
- D GAS VENT, 12"
- E ROOF DRAIN, 3"
- F ROOF OPENING, 12"x12" W/ FAN
- G ROOF OPENING, 28"x28"
- H ROOF HATCH, 36"x30"
- I ROOF VENT
- J GATE SENSOR RECEIVER POST WITH CABLE THROUGH ROOF HATCH CURB (INSTALLED POST MARCH 1, 1975 RECORD DRAWINGS)
- K LIGHTING PHOTOEYE POST (INSTALLED POST MARCH 1, 1975 RECORD DRAWINGS)
- L ROOFING SYSTEM W/ LIGHTWEIGHT INSULATING CONCRETE & PEA GRAVEL BALLAST

EXISTING CONDITIONS NOTES

1. LAYOUT PER MARCH 1, 1975 RECORD DRAWINGS UNLESS OTHERWISE NOTED.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL MEASUREMENTS PRIOR TO CONSTRUCTION.



ROOF DEMOLITION PLAN
SCALE: 1"=5'-0"

ROOF DEMOLITION LEGEND

- M REMOVE EXISTING ROOFING SYSTEM, INCLUDING BALLAST ROCK, SINGLE PLY-ROOFING MEMBRANE, ROOFING INSULATION, AND COPING AND PREPARE FOR NEW ROOF INSTALLATION. SEE SECTION 07 01 50 - PREPARATION FOR RE-ROOFING.
- N REMOVE EXISTING ROOF HATCH AND CURB COMPLETE DOWN TO EXISTING ROOF DECK. GATE SENSOR RECEIVER CABLES PASS THROUGH EXISTING ROOF HATCH WALL AND SHALL REMAIN. DURING REMOVAL, VERIFY EXISTING ROUTE OF CABLES AND MATCH DURING INSTALLATION OF NEW ROOF HATCH AND CURB. COORDINATE GATE SENSOR RECEIVER CABLE WORK WITH FRSA OPERATIONS. SEE SECTION 07 01 50 - PREPARATION FOR RE-ROOFING. RE-WORK EXISTING RUNG LADDER AS REQUIRED TO ACCOMMODATE LADDER SAFETY POST. SEE SECTION 07 72 33 - ROOF HATCHES.
- O REMOVE EXISTING EQUIPMENT AND EXPAND EXISTING ROOF DECK PENETRATION. SEE PLAN SHEET S1 - ROOF FRAMING PLAN AND DETAILS.
- P INFILL CONCRETE ROOF WHERE DUCT IS REMOVED. SEE PLAN SHEET S1 - ROOF FRAMING PLAN AND DETAILS.
- Q EXISTING CURB TO REMAIN. REMOVE FAN AND INSTALL INSULATED SHEET METAL COVER. SEE PLAN SHEET M4 - SECOND FLOOR AND ROOF MECHANICAL DEMOLITION PLANS.
- R EXISTING CURB TO REMAIN. REMOVE FAN AND INSTALL NEW FAN WITH CURB ADAPTER ON EXISTING CURB. SEE PLAN SHEET M4 - SECOND FLOOR AND ROOF MECHANICAL DEMOLITION PLANS.
- S REMOVE EXISTING ALUMINUM CAP AND CURB COMPLETE DOWN TO EXISTING ROOF DECK. INFILL OPENING AS NECESSARY TO ACCOMMODATE HVAC EQUIPMENT. SEE PLAN SHEET S1 - ROOF FRAMING PLAN AND DETAILS.



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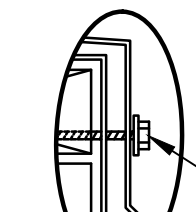
**SCUM SEPARATOR BUILDING HVAC AND ROOF REPLACEMENT
CAPITAL PROJECT 2502**

EXISTING CONDITIONS AND ROOF REMOVAL PLAN

Sheet No. A1
Date: 1/27/2026
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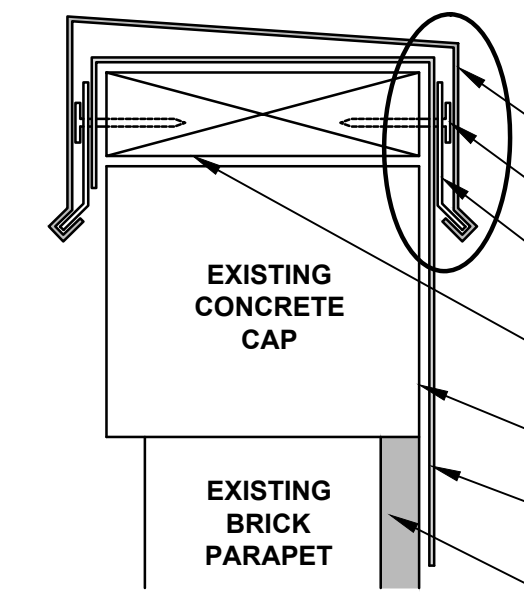
ROOF NEW WORK LEGEND

- A** COPING TERMINATION OVER MEMBRANE FLASHING. SEE DETAIL 1 SHEET A2.
- B** NEW TPO ROOFING SYSTEM, INCLUDING NEW RIGID BOARD INSULATION, WHITE 80 MIL TPO MEMBRANE, METAL FLASHING, WOOD NAILER, METAL COPING, FILLER, AND APPURTANCES AS REQUIRED FOR A COMPLETE SYSTEM. FOR ROOFING REQUIREMENTS, SEE SPECIFICATION 07 01 50 - PREPARATION FOR RE-ROOFING AND 07 54 23 - THERMOPLASTIC POLYOLEFIN ROOFING.
- C** PROVIDE AND INSTALL NEW ROOF HATCH AND CURB. PROVIDE MEMBRANE FLASHING UP AND OVER NEW CURB AS REQUIRED FOR WATER-TIGHT CONDITION. CURB SHALL BE A MINIMUM 12" ABOVE THE TOP OF THE NEW ROOF. CONTRACTOR SHALL FLASH ALL PENETRATIONS PER MANUFACTURER'S WARRANTY STANDARDS. PROVIDE SADDLES AT ROOF HATCH. NEW ROOF HATCH SHALL BE SIMILAR IN SIZE TO EXISTING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MEASURING THE ACTUAL ROOF OPENINGS PRIOR TO ORDERING THE ROOF HATCH. USE EXISTING ROOF DECK OPENING. EXISTING GATE SENSOR WIRING SHALL MATCH EXISTING PATH THROUGH ROOF HATCH. SEE SPECIFICATION 07 72 33 - ROOF HATCHES.
- D** ROOF WALKWAY PADS. SEE SPECIFICATION 07 54 23 - THERMOPLASTIC POLYOLEFIN ROOFING.
- E** MOBILE SAFETY GUARD RAIL SYSTEM. SEE SPECIFICATION 05 52 13 - METAL RAILINGS.

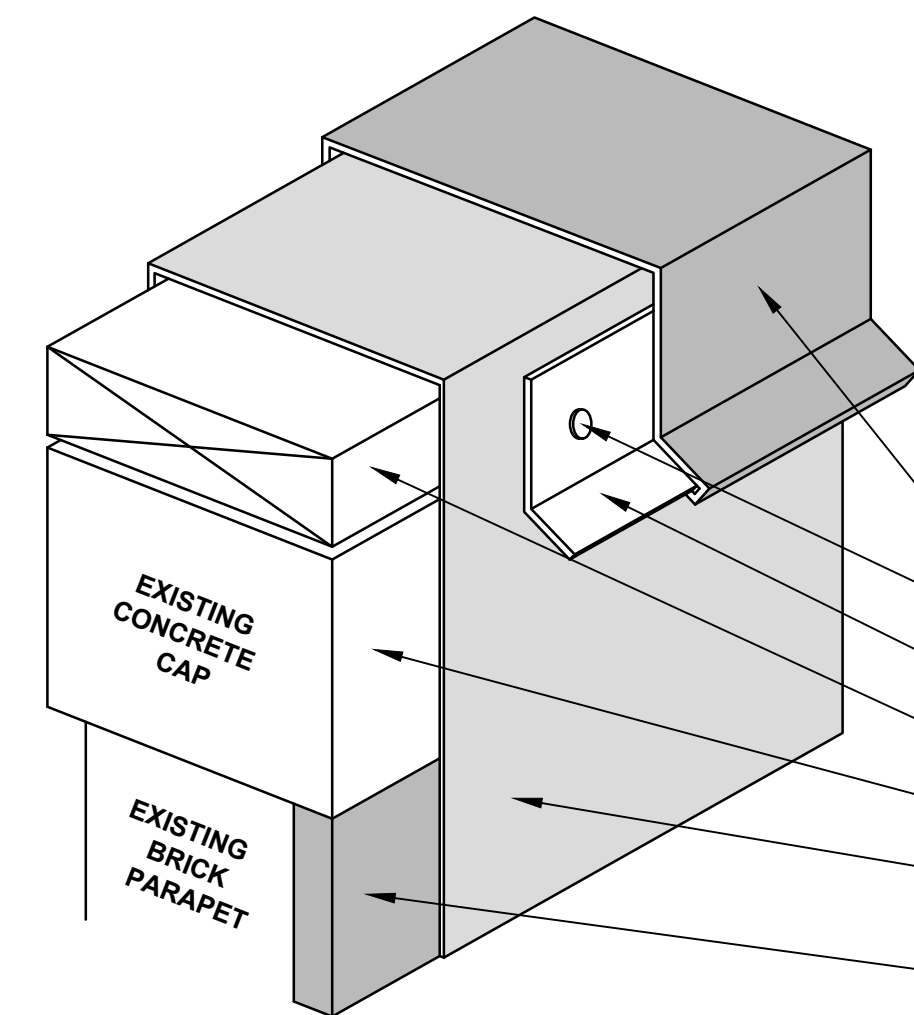


INTERIOR SECUREMENT OPTION
1 1/2" HWH SCREW W/ WASHER - 12" O.C.
NO CONTINUOUS METAL CLEAT

- OR -



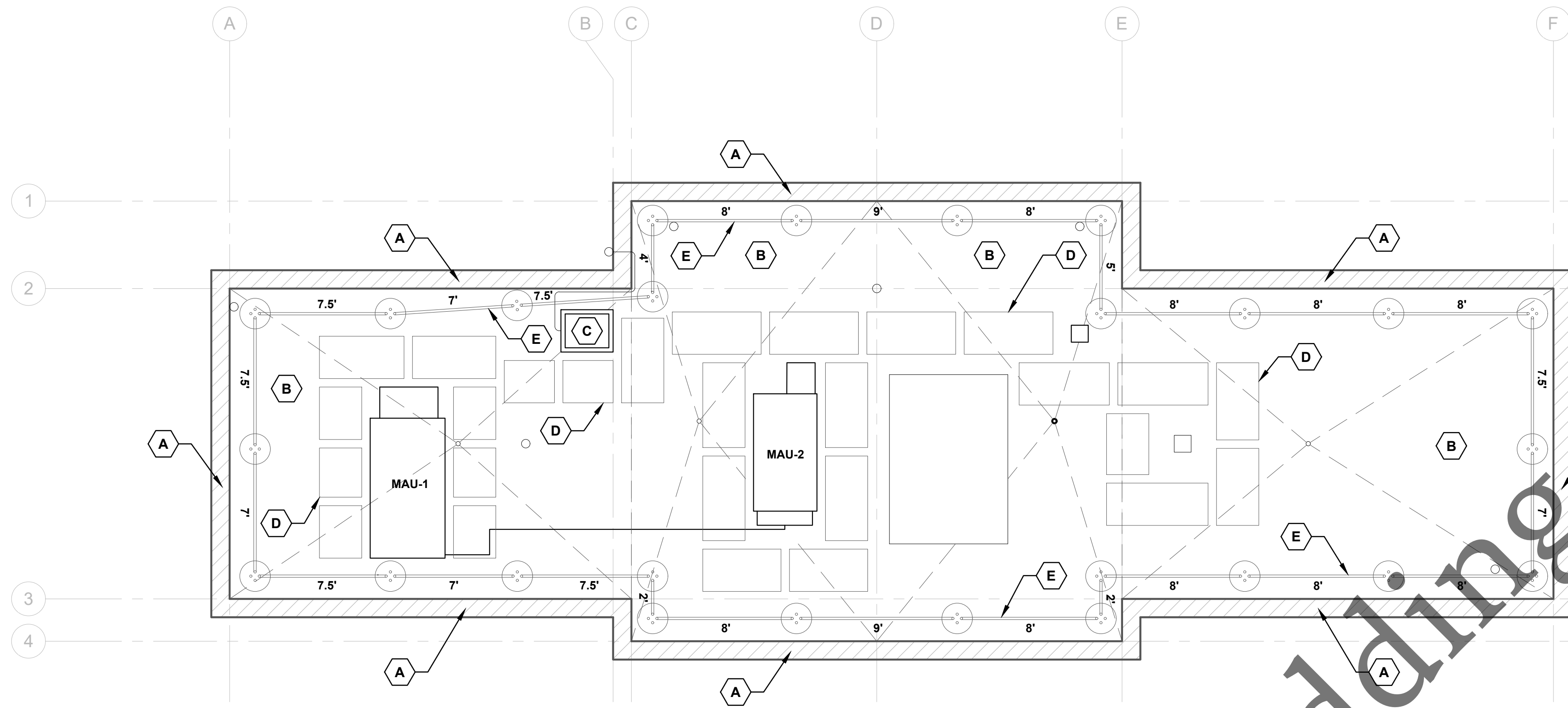
METAL COPING COVER
1 1/2" RING SHANK NAIL - 12" O.C. (TYP.)
CONTINUOUS METAL CLEAT
WOOD NAILER W/ ANCHOR BOLTS
BONDING ADHESIVE
THERMOPLASTIC MEMBRANE
INSULATION BLOCK CUT TO FIT BENEATH EXISTING CONCRETE CAP FOR FLUSH INTERIOR WALL



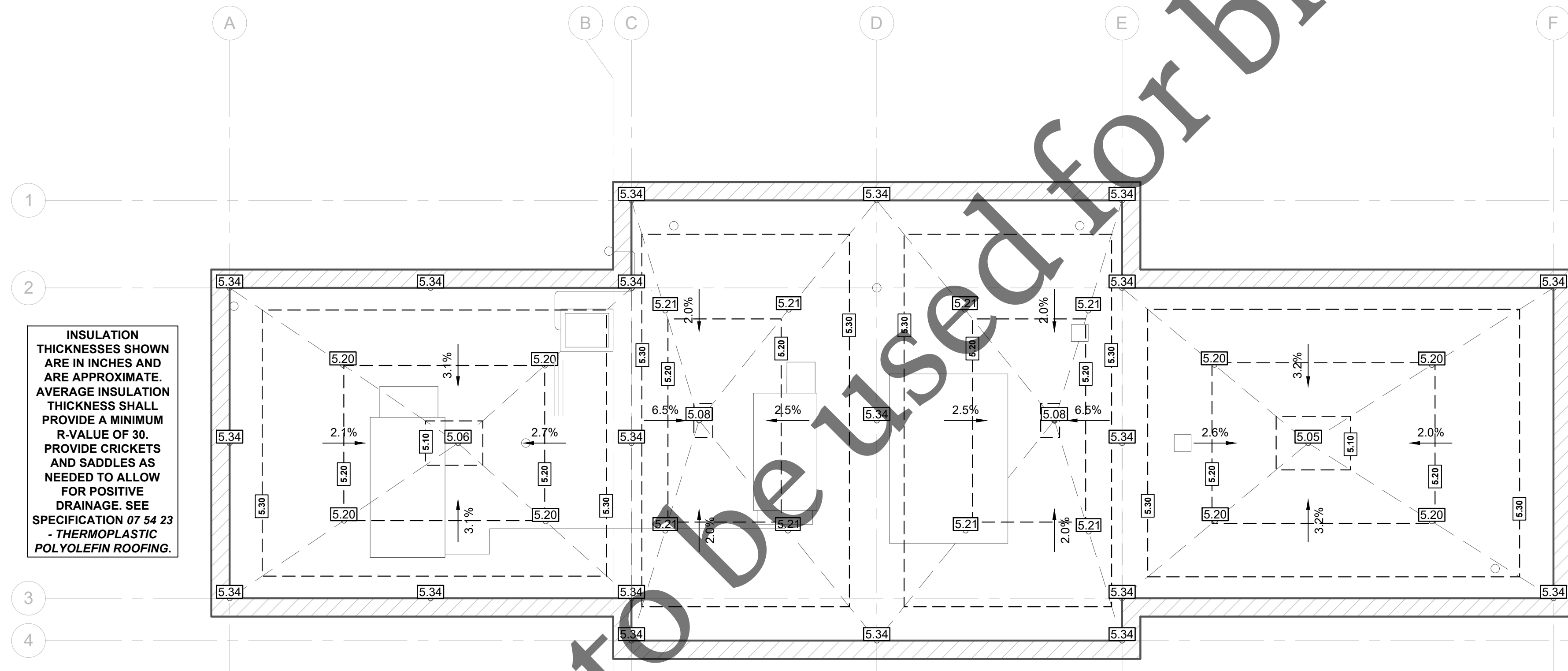
THERMOPLASTIC MEMBRANE MUST EXTEND OVER WOOD NAILER AND ONTO CONCRETE CAP EXTERIOR FACE A MINIMUM OF 1/2"

METAL COPING COVER
1 1/2" RING SHANK NAIL - 12" O.C.
CONTINUOUS METAL CLEAT
WOOD NAILER W/ ANCHOR BOLTS
BONDING ADHESIVE
THERMOPLASTIC MEMBRANE
INSULATION BLOCK CUT TO FIT BENEATH EXISTING CONCRETE CAP FOR FLUSH INTERIOR WALL

1 COPING TERMINATION OVER MEMBRANE FLASHING
A2 NOT TO SCALE



ROOF NEW WORK PLAN
SCALE: 1"=5'-0"



INSULATION THICKNESSES SHOWN ARE IN INCHES AND ARE APPROXIMATE. AVERAGE INSULATION THICKNESS SHALL PROVIDE A MINIMUM R-VALUE OF 30. PROVIDE CRICKETS AND SADDLES AS NEEDED TO ALLOW FOR POSITIVE DRAINAGE. SEE SPECIFICATION 07 54 23 - THERMOPLASTIC POLYOLEFIN ROOFING.

INSULATION PLAN
SCALE: 1"=5'-0"

Not to be used for bidding purposes

No.	DATE	REVISION	INT.

