

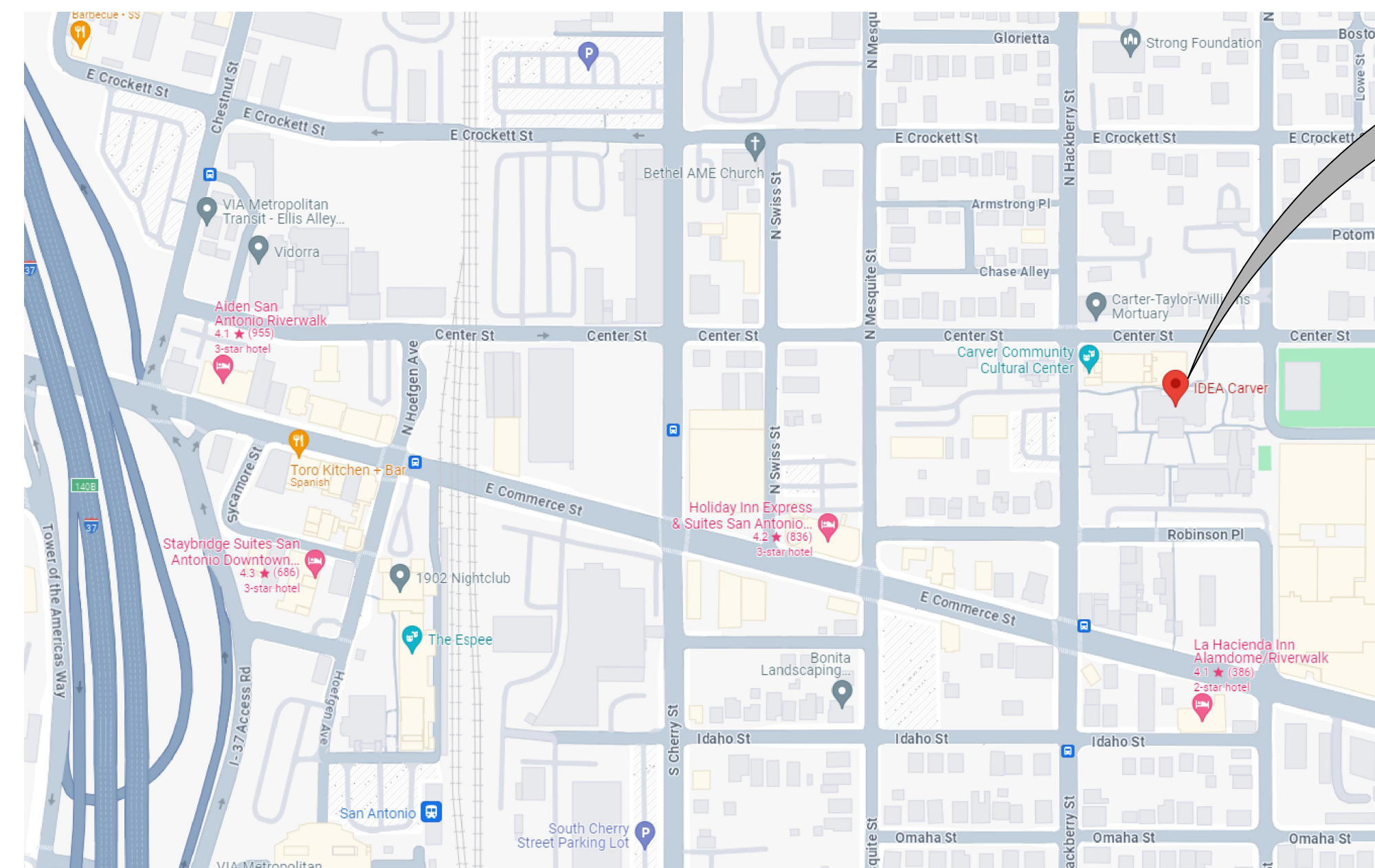
# IDEA PUBLIC SCHOOLS ENVELOPE IMPROVEMENTS CENTRAL TEXAS PROJECT # 44-CBE-0724

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IDEA CARVER CAMPUS

## D R A W I N G I N D E X

A1.00	CARVER ACADEMY - CAMPUS SITE PLAN
A2.01	CARVER ACADEMY - BUILDING A & B - ROOF PLANS
A2.02	CARVER ACADEMY - BUILDING C & D - ROOF PLANS
A2.03	CARVER ACADEMY - BUILDING E - ROOF PLAN
A2.04	CARVER COLLEGE PREP - ROOF PLAN
A2.05	ROOF DETAILS
A3.01	CARVER ACADEMY - GYMNASIUM ELEVATION
A4.01	CARVER COLLEGE PREP - ELEVATIONS
A4.02	CARVER COLLEGE PREP - WALL SECTION / DETAILS
A4.03	CARVER COLLEGE PREP - WALL SECTION / DETAILS
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A6.01	CARVER ACADEMY - DOOR AND WINDOW ELEVATIONS
A6.02	CARVER ACADEMY - DOOR AND WINDOW DETAILS

**ARCHITECTS**  
**GOMEZ MENDEZ SAENZ, INC.**  
1150 PAREDES LINE RD. BROWNSVILLE, TX. 78521  
PH. (956) 546-0110 FAX. (956) 546-0196



**GENERAL ROOFING NOTES:**

Where applicable, the re-roofing portion of this project has been designed to be in compliance with all applicable codes, including but not limited to the International Building Code (latest edition). The specified roofing system meets Factory Mutual Research Corporation Standard 4470 Approval requirements for Class 1 Fire and 1-90 Windstorm Classification and Class 1-SH Hail Rating.

At all new roof work areas and prior to construction, walk through every room in buildings with Owner's representative and identify water damaged ceilings, walls, etc. to determine location & amounts of interior water damage. Provide copy of this list to Architect.

It is the Contractor's responsibility to field-verify existing conditions, dimensions, quantities, and etc., prior to bidding.

Inspect all deck areas for damage and report to Architect any deficiencies found.

Replace all lead roof jacks vents with new leads.

Install new double-wall heater vents and extend flues to match existing as required to accommodate new roof thickness and to provide a minimum 12-inch height from the new roof surface to the bottom of the vent cap.

Extend all ducts, pipes, conduit, wire and etc., as required to accommodate new roof system.

At all existing utility piping, conduit, etc. provide proper sized Pipe Stands as specified, under all pipes and conduit, at 8'-0" o.c. unless a narrower spacing is required for proper support.

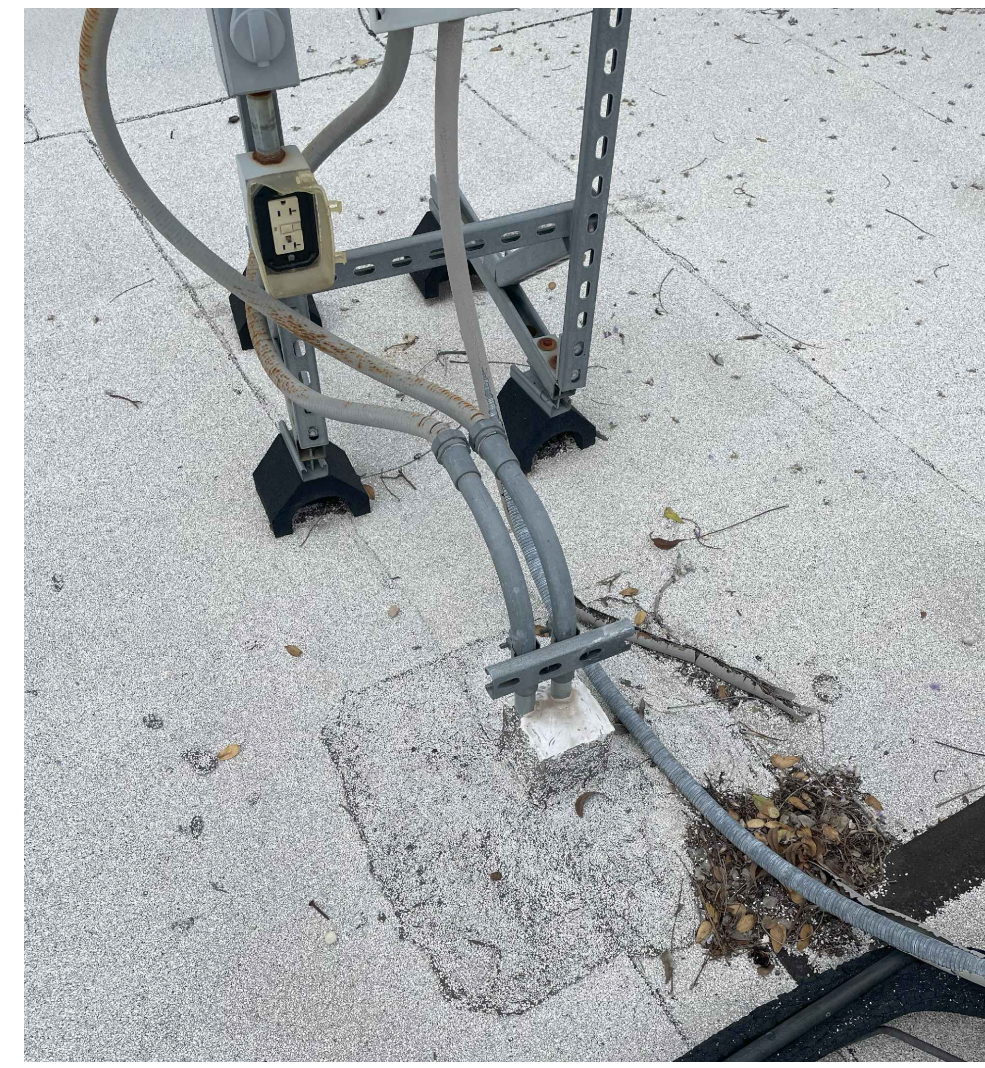
The Contractor shall be responsible for having a licensed electrical, plumbing and mechanical contractor carefully remove, raise or modify and carefully reinstall existing operating mechanical, electrical, plumbing and related equipment as required to complete the work.

The Contractor shall take extreme care in working with existing items that are to remain. Damage caused by the construction process will be repaired by the Contractor at no cost to the Owner.

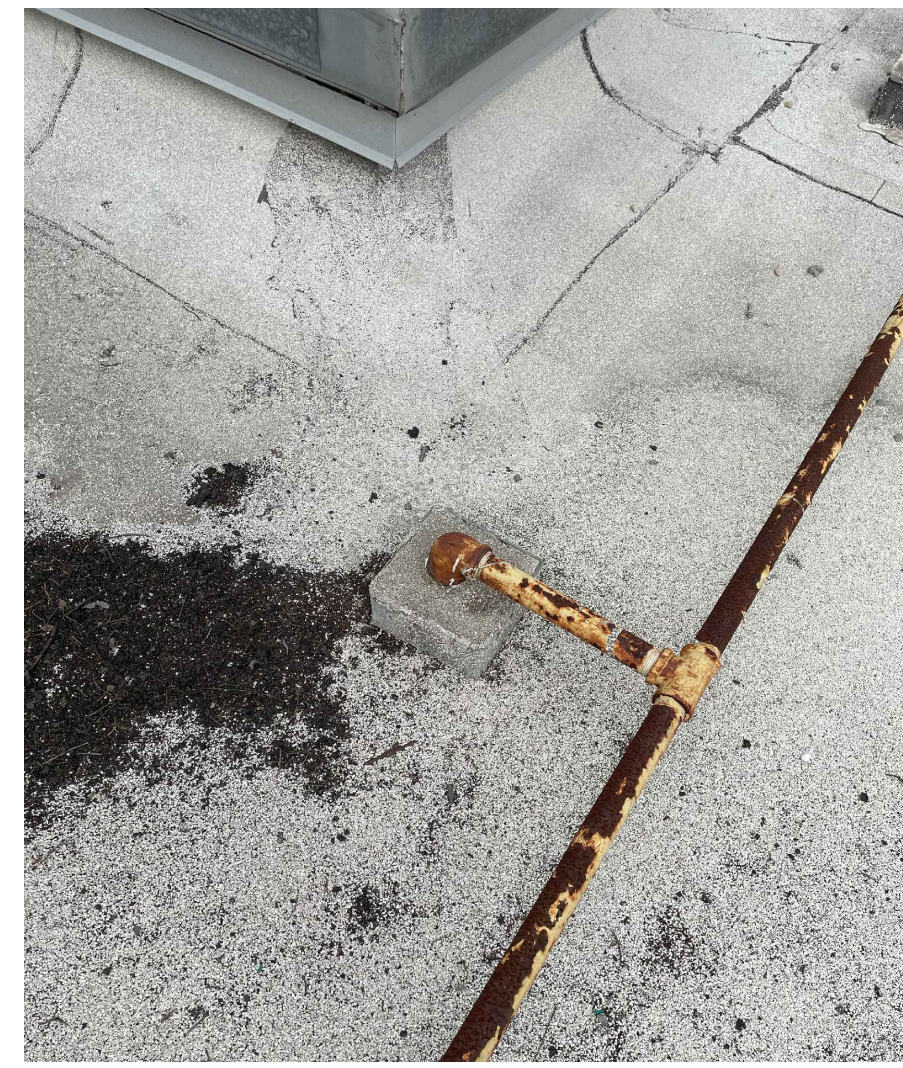
At the completion of all roofing work at each building, all existing roof drains and related piping shall be water tested, checked and certified by a licensed plumbing contractor to be operational and leak free.

**SCOPE OF WORK:**

1. Purge drain lines from roof level to discharge points. Perform water test at all roof drains.
2. Repair drain lines and reseal roof drains.
3. Replace roof accessories at electrical conduits and disconnect penetrations with roof accessories detailed on 02/A2.05 and 03/A2.05. Typical at all electrical penetration locations noted on Sheets A2.01 thru A2.04.
4. Replace roof penetration at gas lines and provide new gas line flashing boot



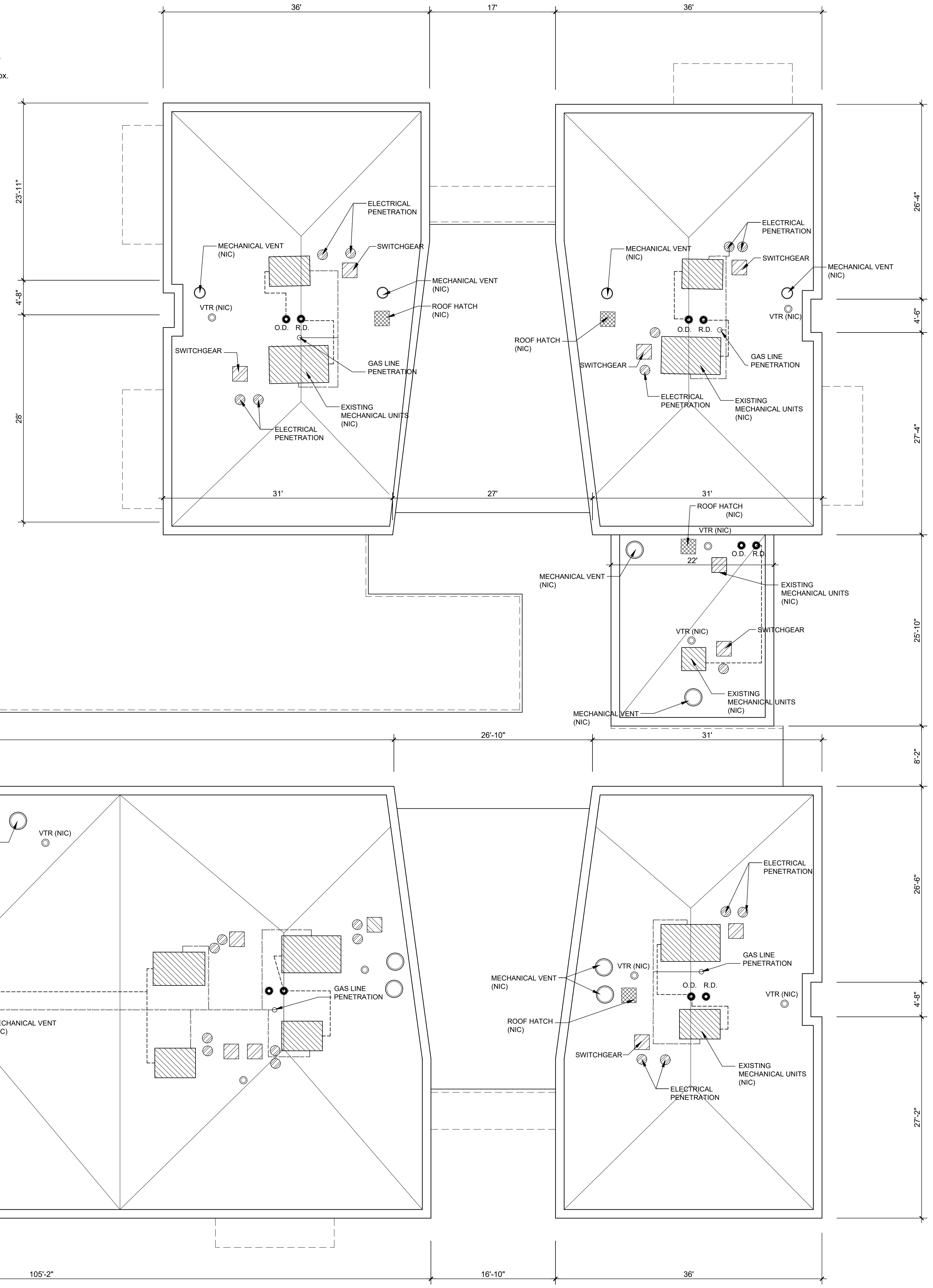
**Electrical Roof Penetration**  
 • Remove sealant and mastic at conduit and unistrut roof penetration.  
 • Verify integrity of modified bitumen roofing membrane at penetration curb.  
 • Reseal penetrations and apply roof sealant.  
 • Install new weatherseal, cover and gasket at electrical outlet and j-box.  
 Refer to 02/A2.05, 03/A2.05.



**Gas Line Roof Penetration**  
 • Remove sealant and mastic at gas line roof penetration.  
 • Verify integrity of modified bitumen roofing membrane at penetration curb.  
 • Reseal penetrations and apply roof sealant.  
 • Install new weatherseal, cover and gasket at electrical outlet and j-box.  
 Refer to 02/A2.05, 03/A2.05.

**SYMBOL LEGEND:**

- ELECTRICAL SERVICE SWITCHGEAR
- ELECTRICAL ROOF PENETRATION
- GAS LINE AND ROOF PENETRATION
- ROOF DRAIN / OVERFLOW DRAIN
- ROOF TOP MECHANICAL FAN ON CURB (NIC)
- ROOF TOP MECHANICAL UNIT ON CURB (NIC)
- VENT THRU ROOF (NIC)
- ROOF HATCH ON CURB (NIC)
- CONDENSATE DRAIN LINE (NIC)
- PITCH PAN AT HIGH ROOF GUTTER (NIC)



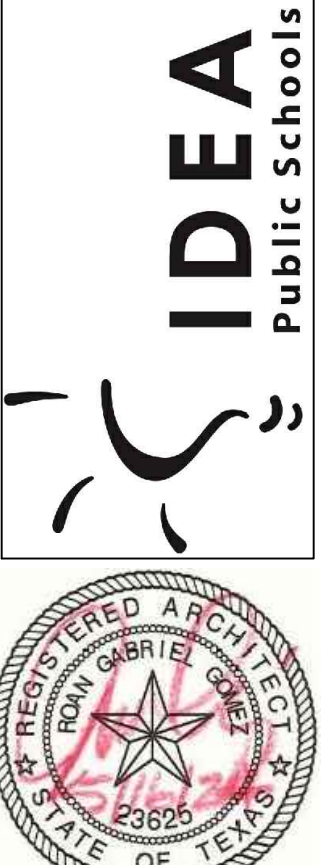
**01 BUILDING A & B ROOF PLAN**

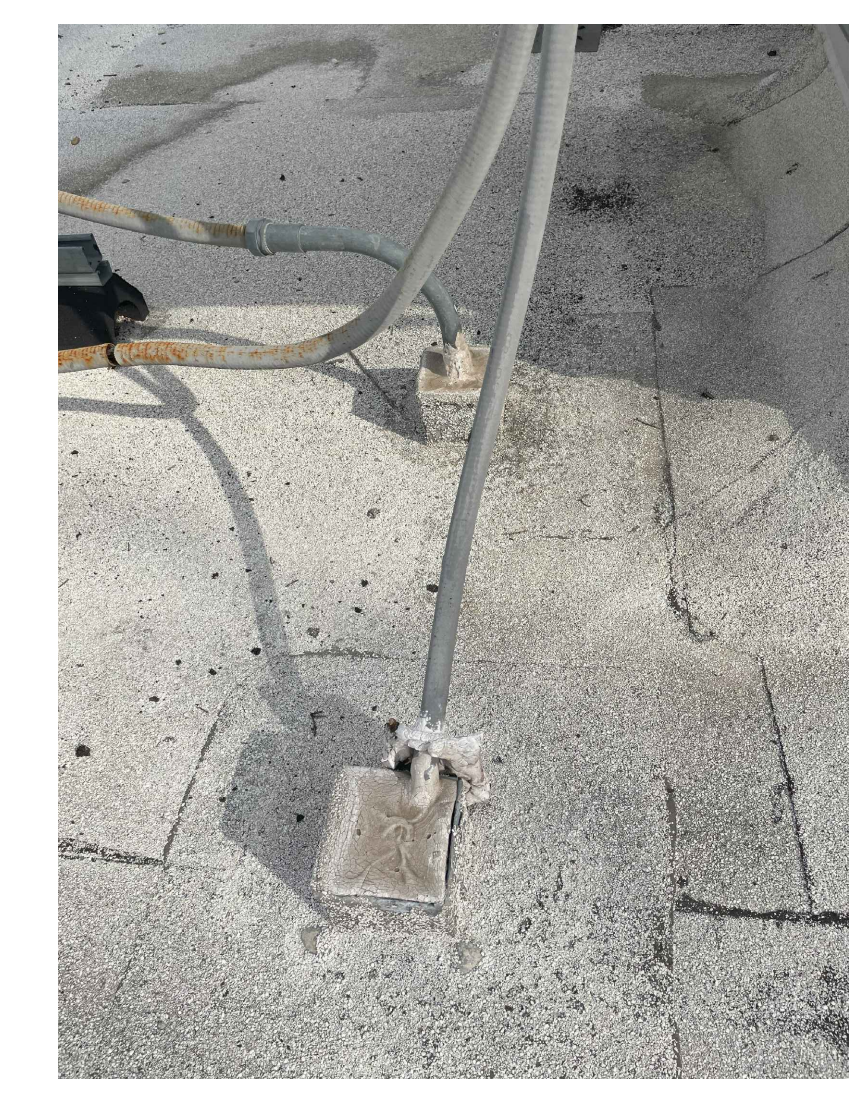
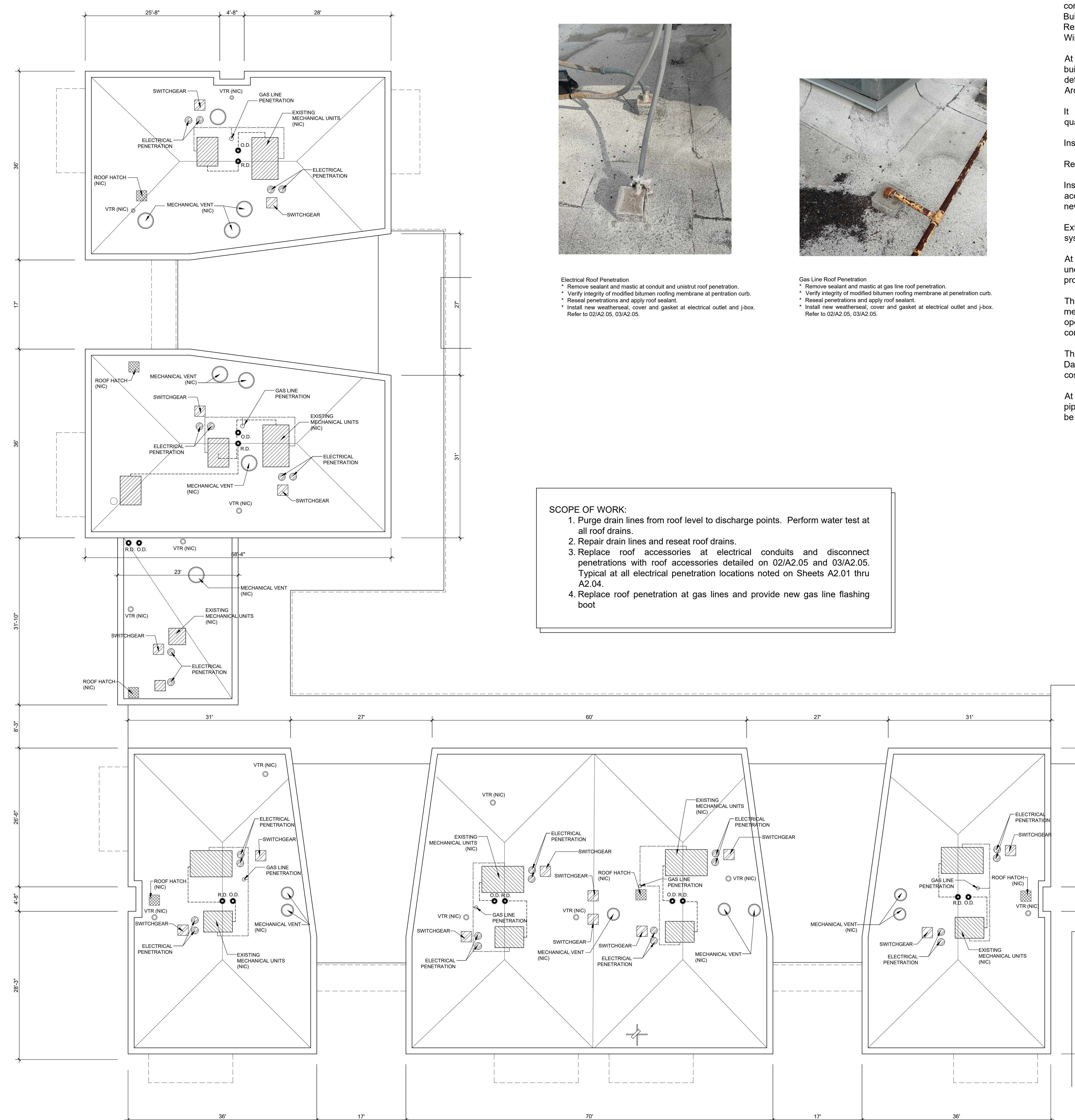
SCALE: 1/8" = 1'-0"



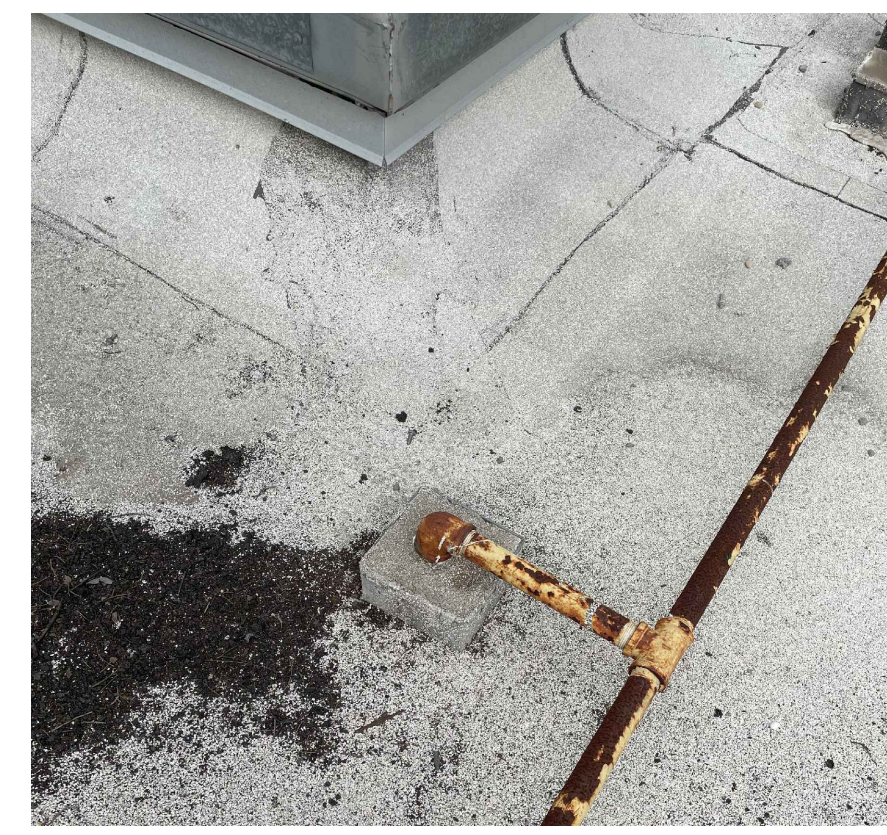
**GENERAL ROOF NOTES:**

- 1.) ALL PENETRATIONS SHALL BE COORDINATED WITH MEP SUBCONTRACTOR AND SHALL BE PERFORMED BY THE ROOFING CONTRACTOR
- 2.) NOTE ALL ROOF PENETRATIONS SHALL BE COORDINATED WITH MECHANICAL / ELECTRICAL SUBCONTRACTOR AND THE ROOFING SUBCONTRACTOR
- 3.) REFER TO SHEETS A2.05 FOR ADDITIONAL ROOF NOTES AND DETAILS
- 4.) PROVIDE NEW ROOF PENETRATIONS, SEALANT AND WEATHERPROOF CAPS AT ALL ELECTRICAL AND GAS PENETRATIONS.





**Electrical Roof Penetration**  
 • Remove sealant and mastic at conduit and unistrut roof penetration.  
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- VENT THRU ROOF (NIC)
- ROOF HATCH ON CURB (NIC)
- CONDESATE DRAIN LINE (NIC)
- PITCH PAN AT HIGH ROOF GUTTER (NIC)

**BUILDING C & D**  
**01 ROOF PLAN**  
 SCALE: 1/8" = 1'-0"

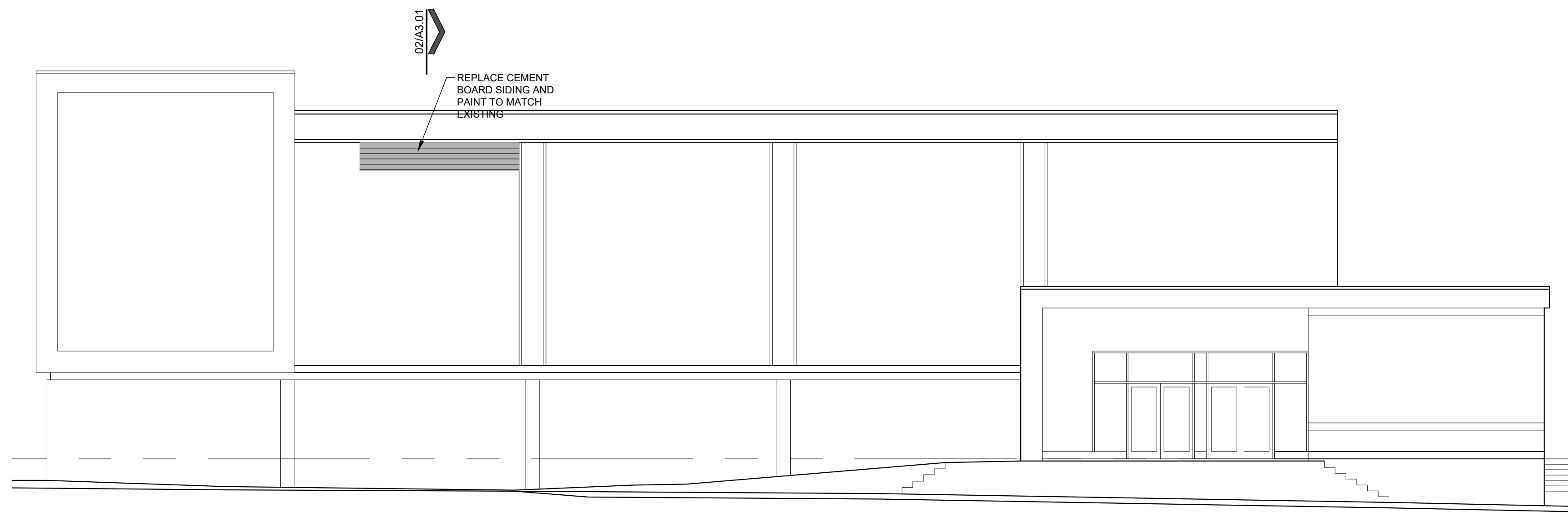
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4. PROVIDE NEW ROOF PENETRATIONS, SEALANT AND WEATHERPROOF CAPS AT ALL ELECTRICAL AND GAS PENETRATIONS.



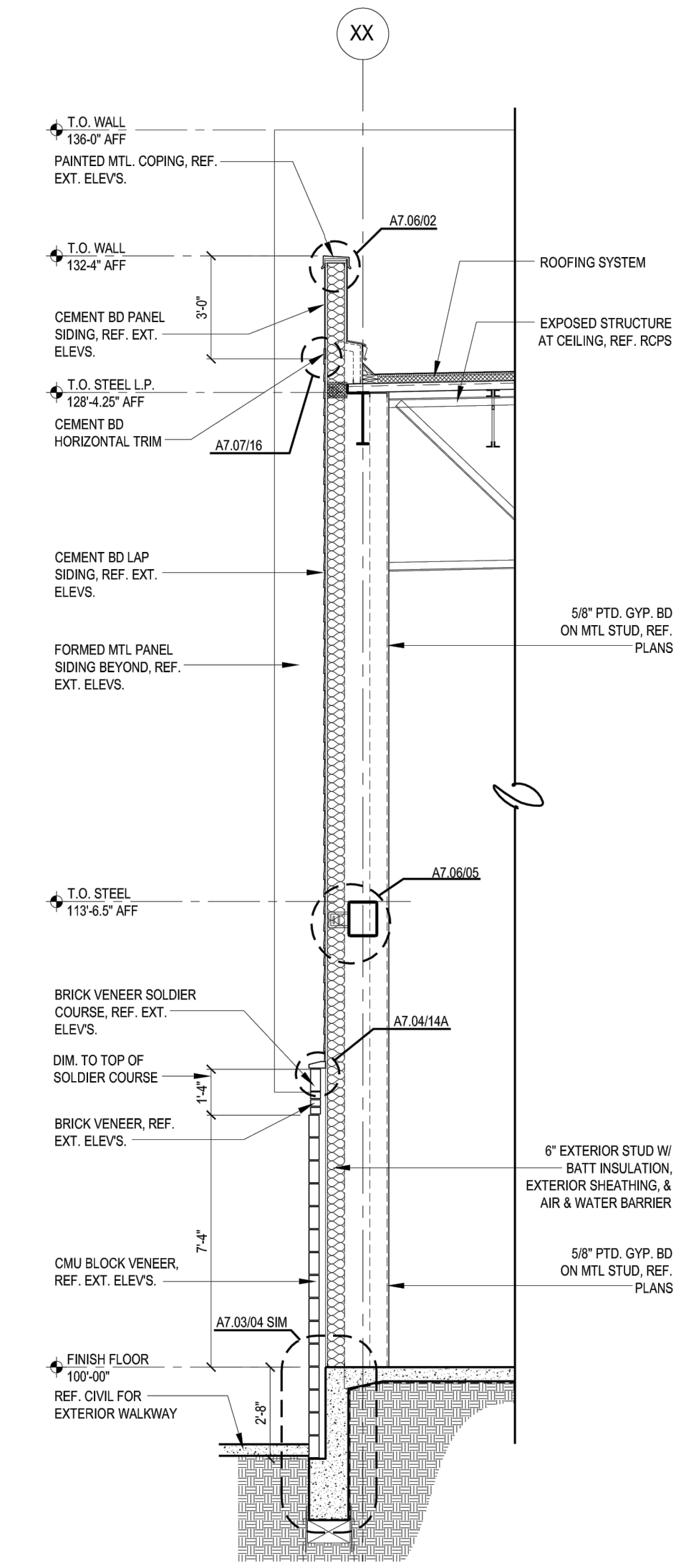




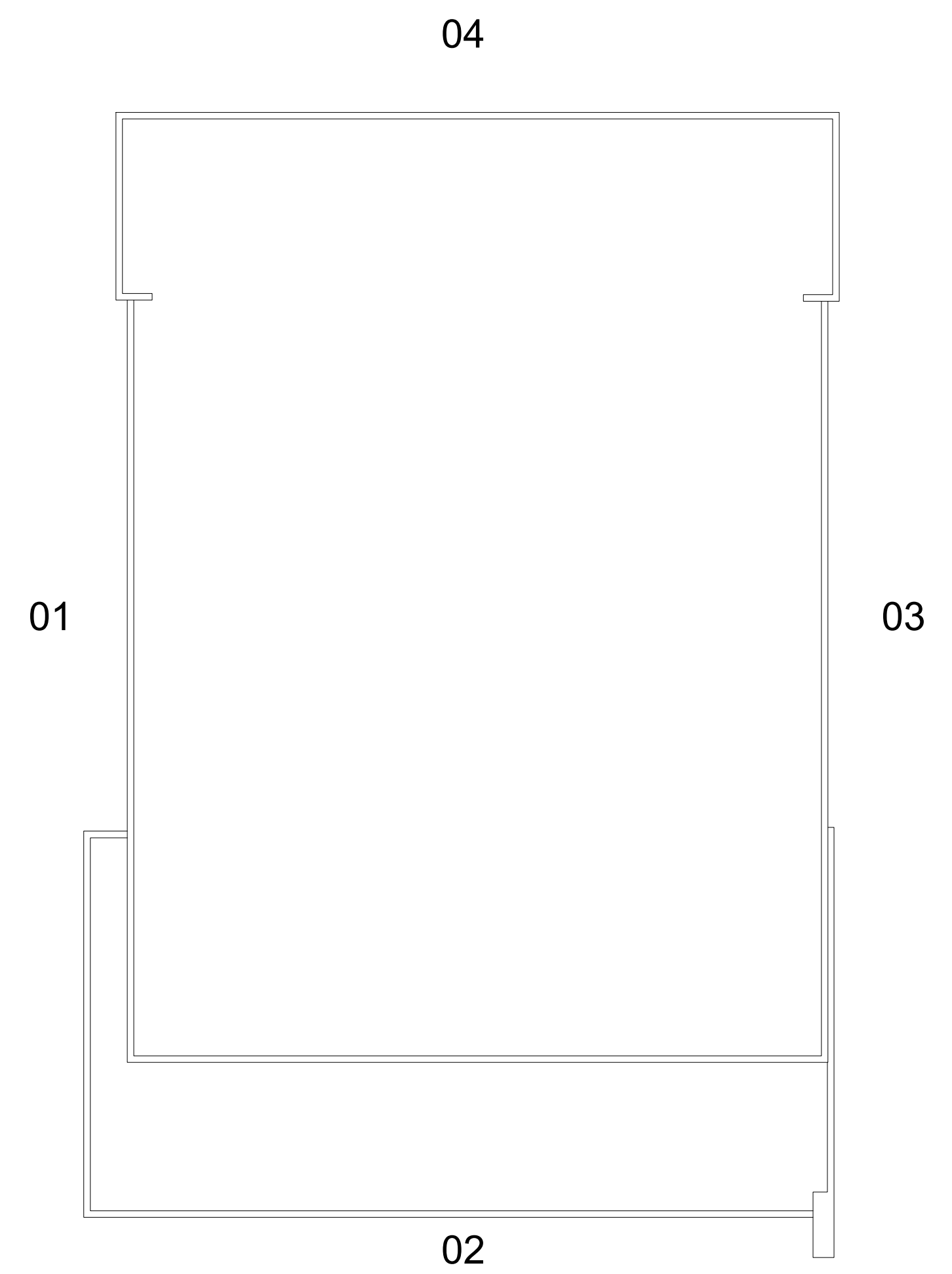


**GYMNASIUM**  
**01 NORTH ELEVATION**  
 SCALE: 3/32" = 1'-0"

- SCOPE OF WORK: (GYMNASIUM)
1. Remove Damaged Cement Board Siding..
  2. Repair Sheathing and Vapor Barrier.
  3. Install new Cement Board Siding.
  4. Paint Cement Board Siding to match existing.



**02 WALL SECTION**  
 SCALE: 1/4" = 1'-0"



**GYMNASIUM**  
**KEY PLAN**  
 PLAN NORTH

No.	REVISIONS	BY

**GMS ARCHITECTS**  
 1150 Paredes Line Rd.  
 Brownsville TX 78526  
 (956) 546-0110  
 fax (956) 546-0196

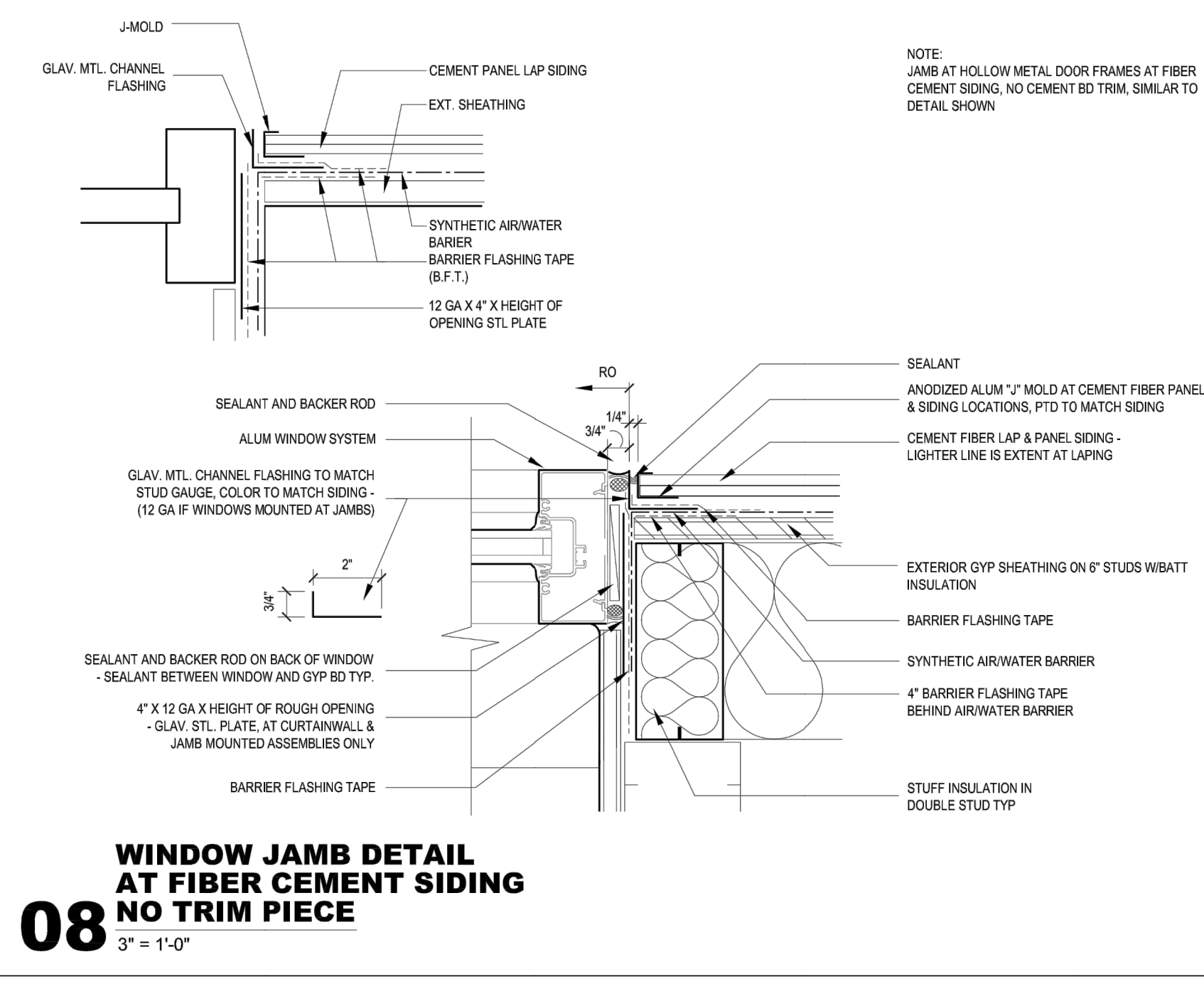
**IDEA Public Schools - Exterior Envelope Repairs**  
**IDEA San Antonio Carver**  
 San Antonio, Texas



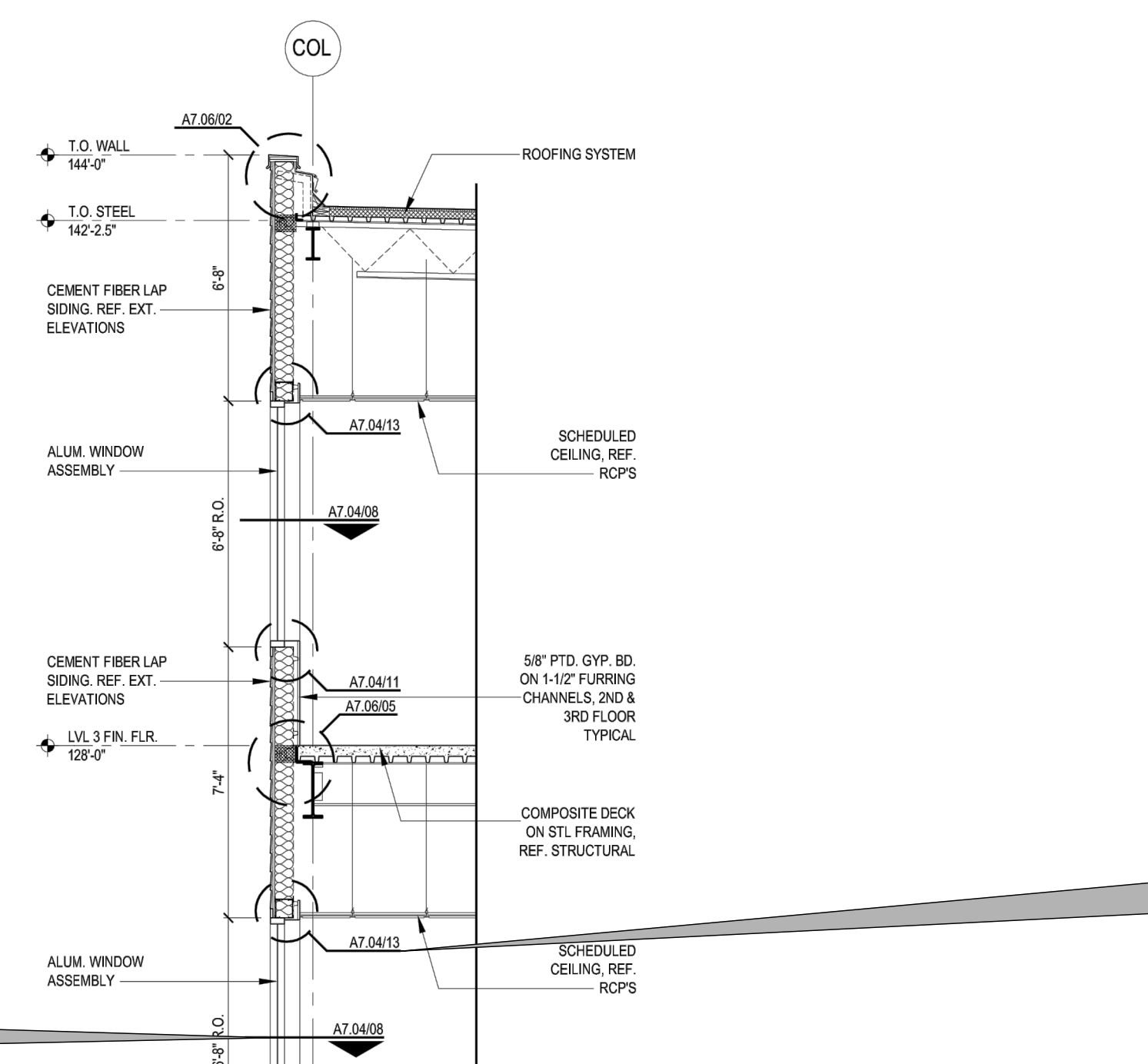
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 Gomez Mendez Saenz Inc.  
 Architects-Planners  
 Interior Designers  
 Date: MAY 2024  
 Scale: As Noted  
 Project Architect: Roan Gomez, AIA  
 Drawn By: RN MA  
 Job No: Exterior Envelope  
 Sheet:

**A3.01**

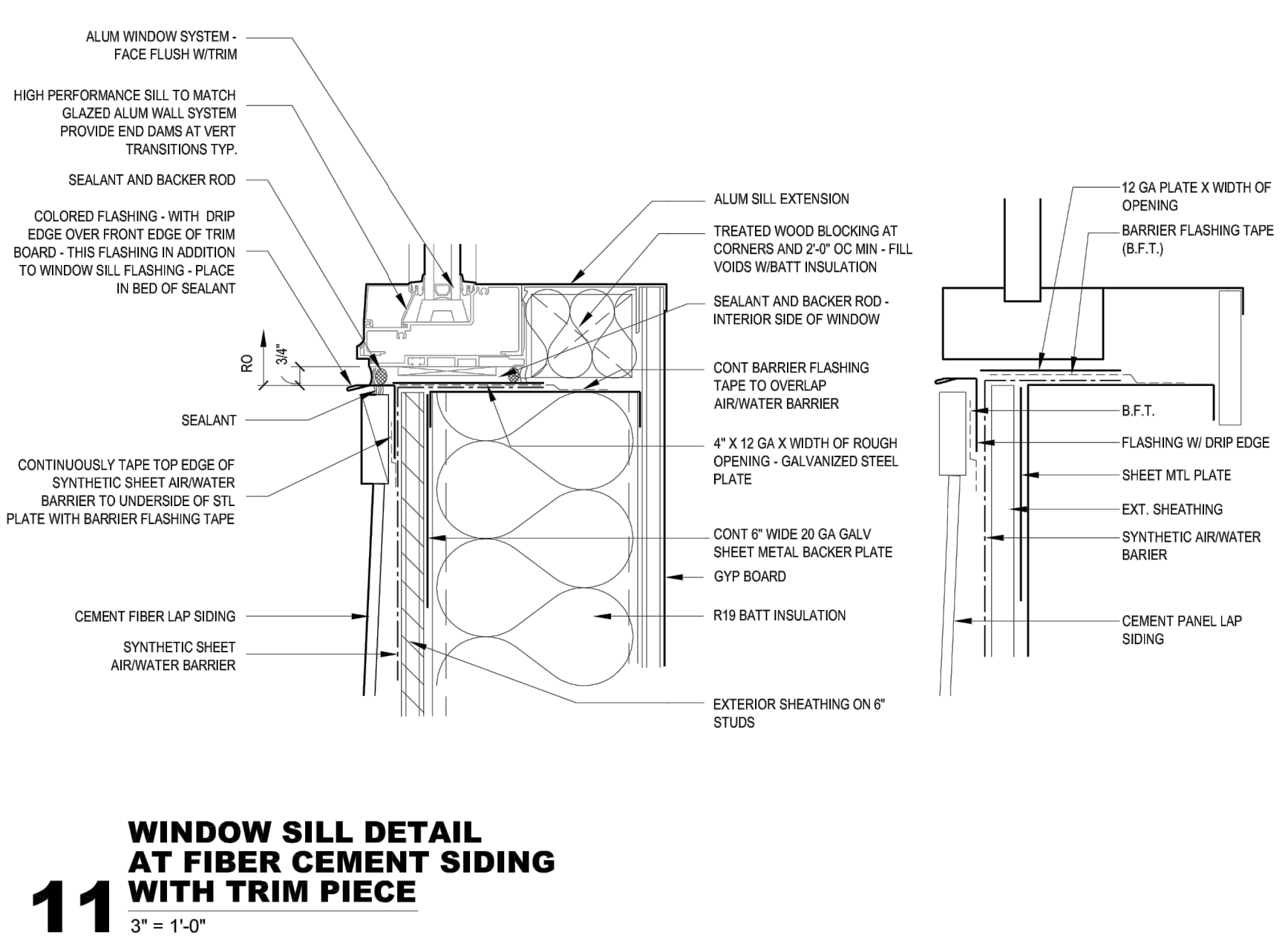




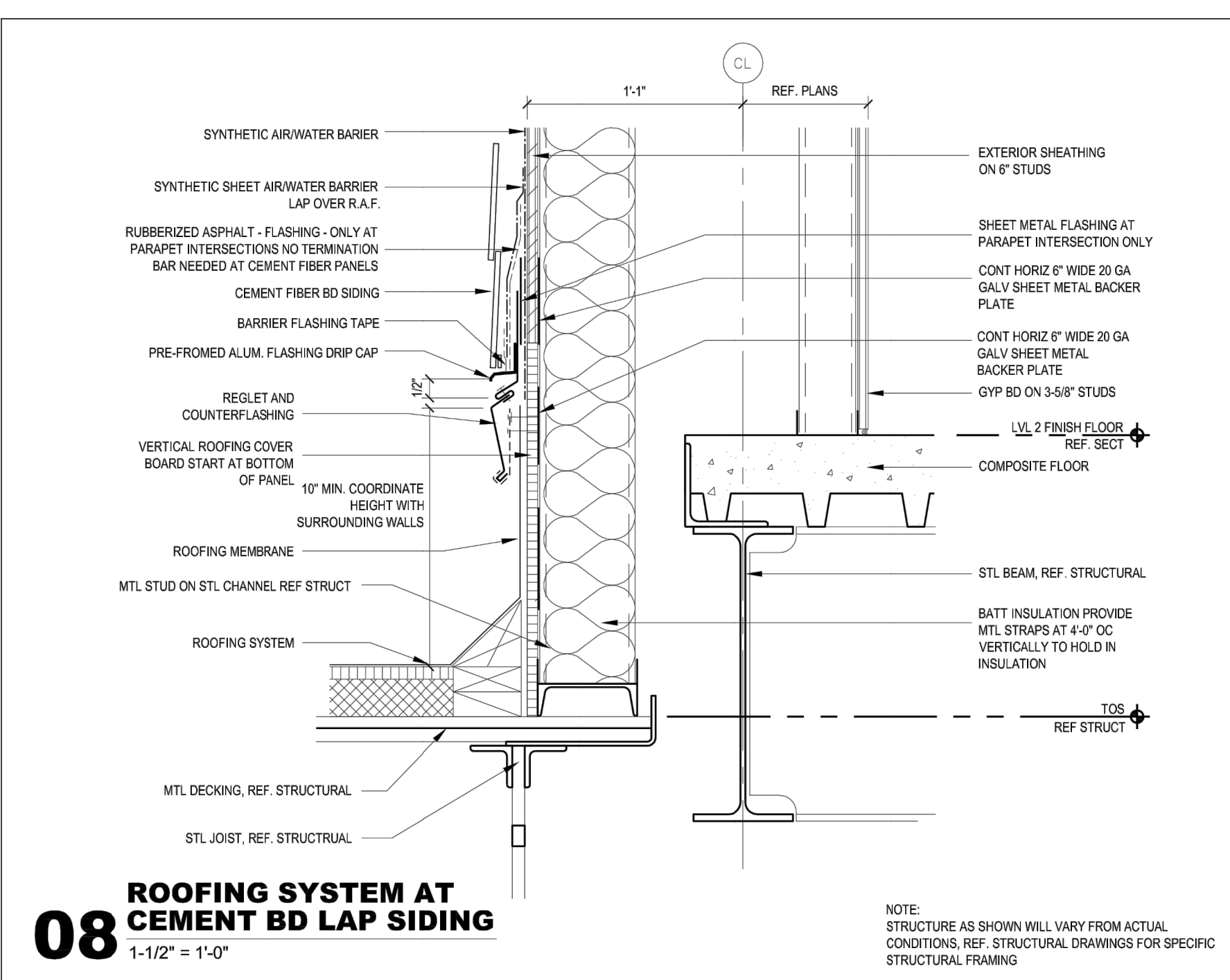
**08 WINDOW JAMB DETAIL AT FIBER CEMENT SIDING NO TRIM PIECE**  
3" = 1'-0"



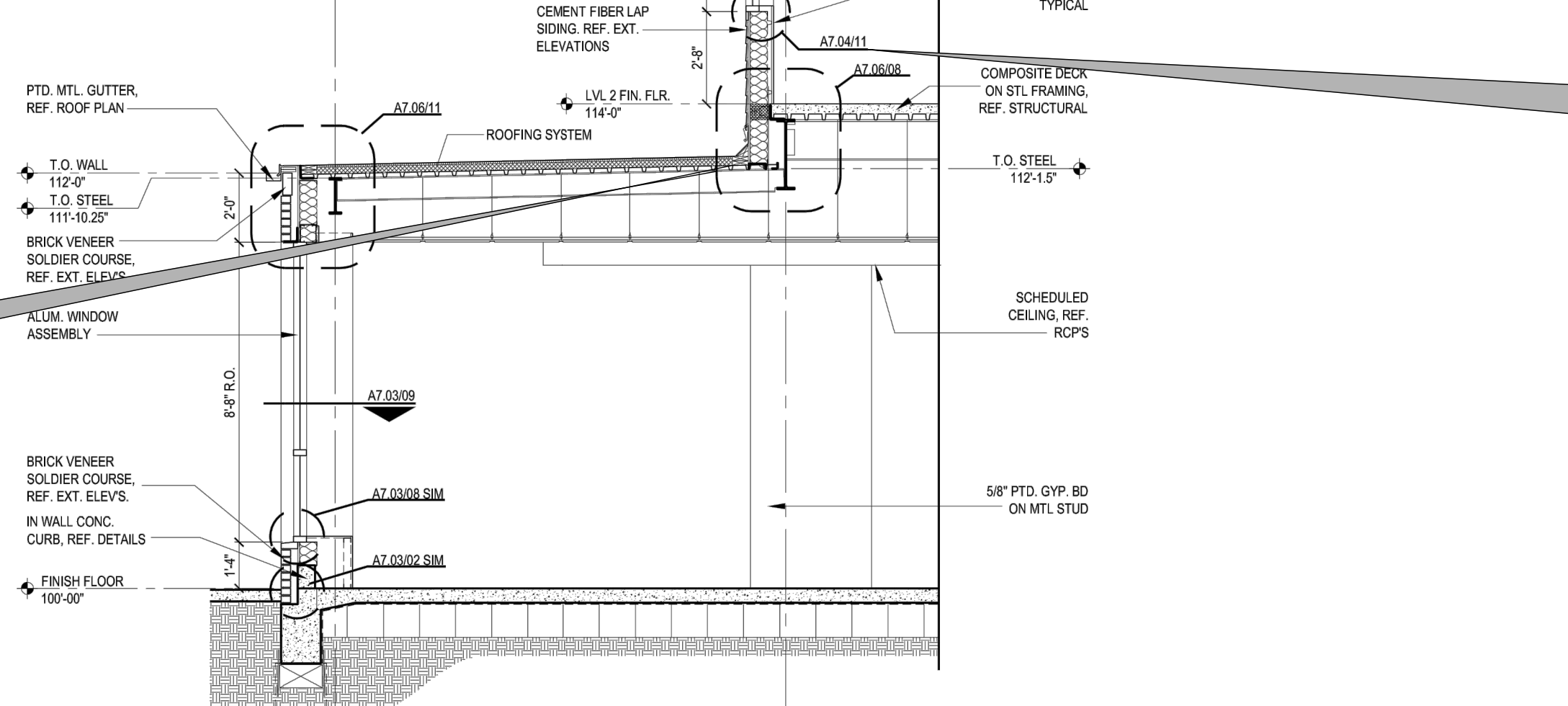
**13 WINDOW HEAD DETAIL AT FIBER CEMENT SIDING WITH TRIM PIECE**  
3" = 1'-0"



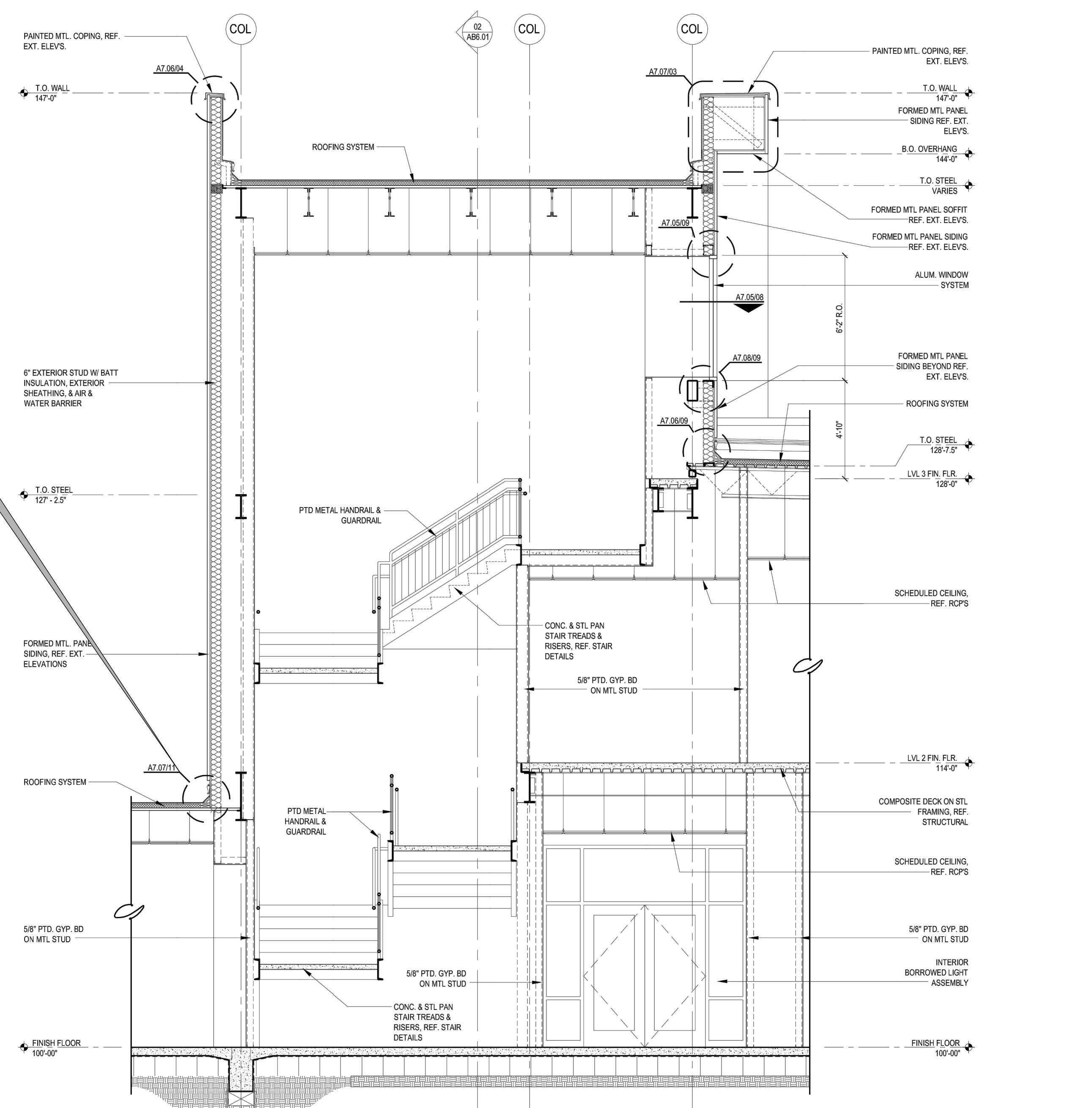
**11 WINDOW SILL DETAIL AT FIBER CEMENT SIDING WITH TRIM PIECE**  
3" = 1'-0"



**08 ROOFING SYSTEM AT CEMENT BD LAP SIDING**  
1-1/2" = 1'-0"



**01 WALL SECTION**  
SCALE: 1/4" = 1'-0"



**02 WALL SECTION**  
SCALE: 1/4" = 1'-0"













