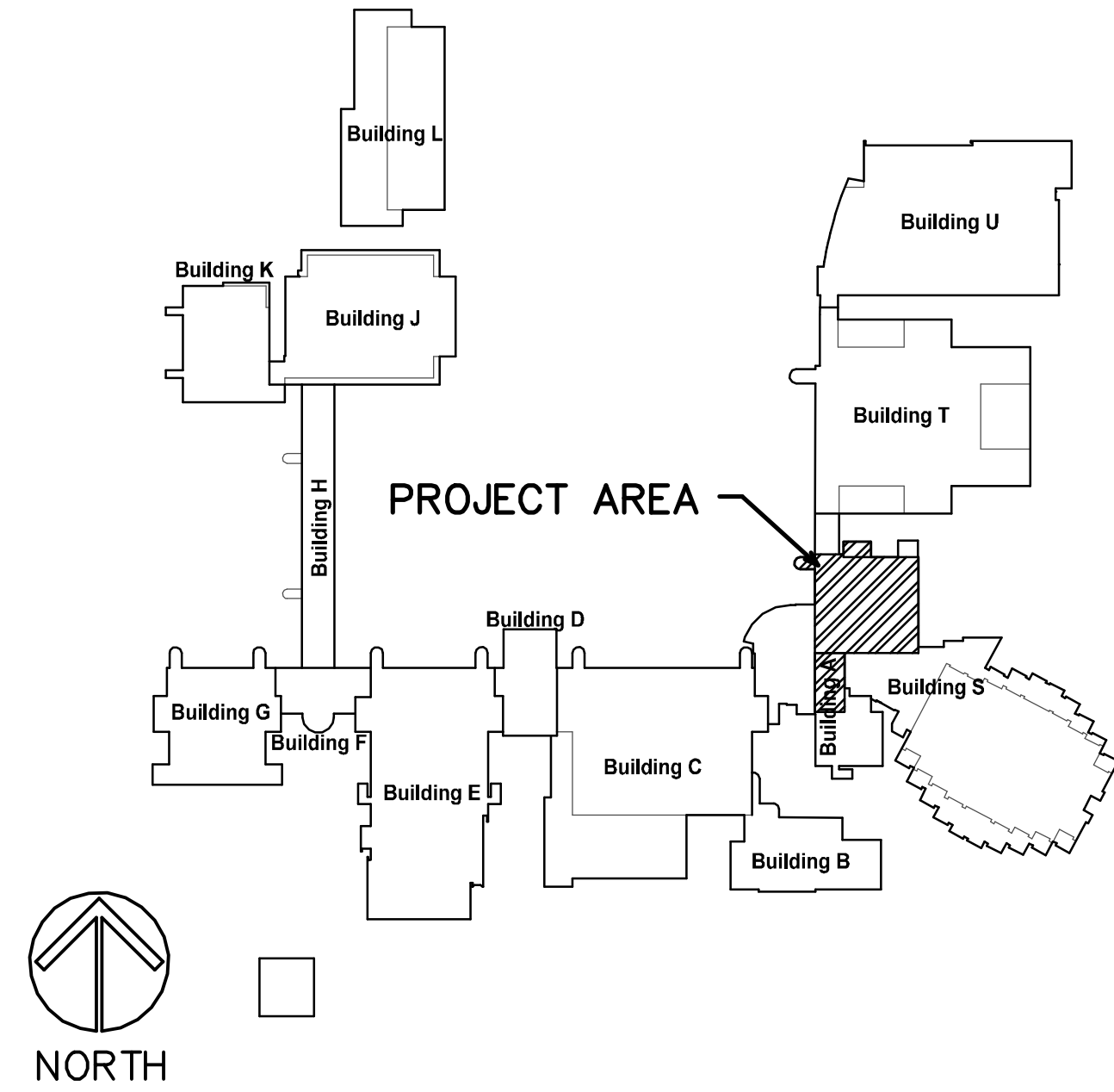
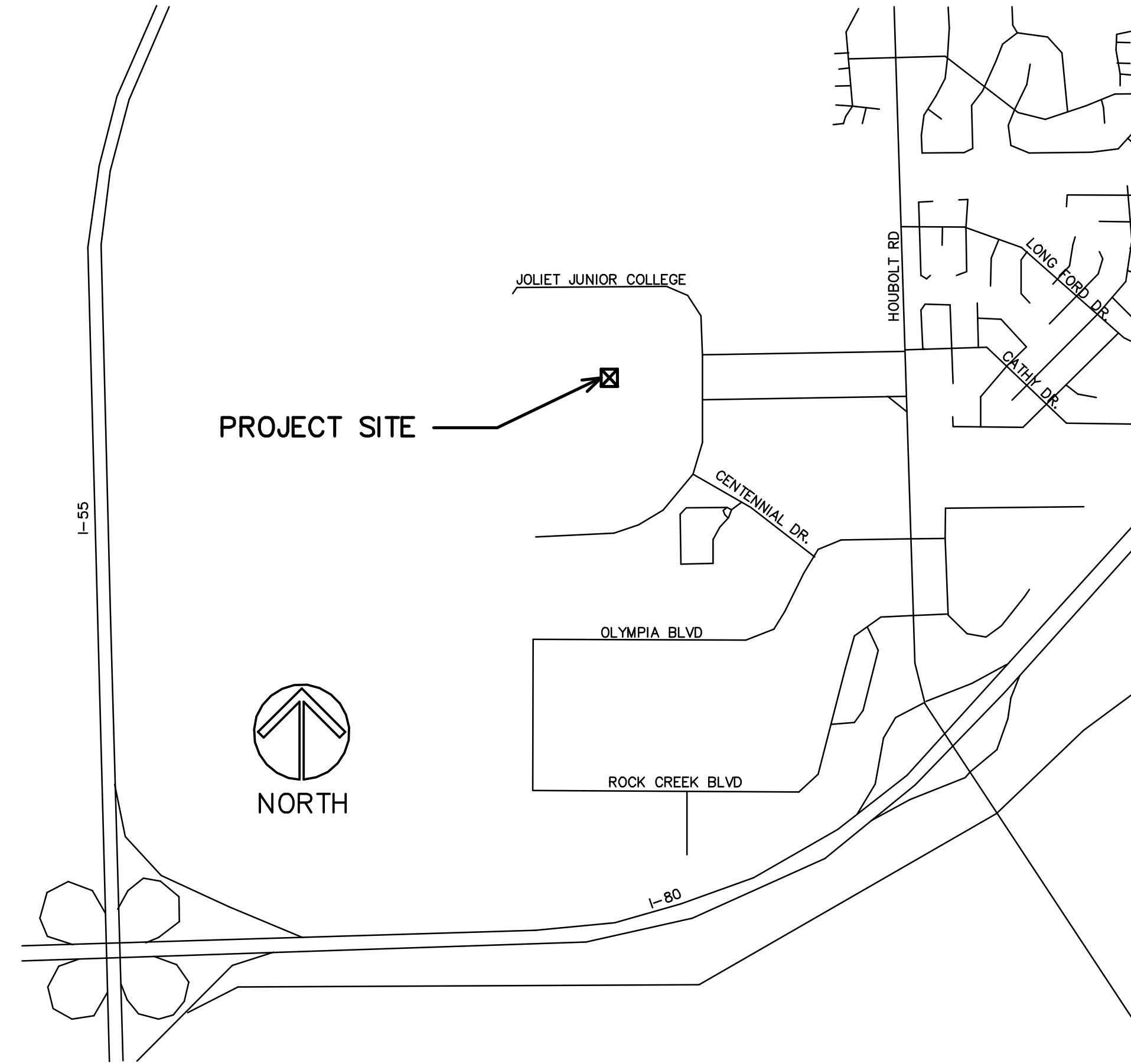


CAMPUS MAP



LOCATION MAP



INDEX OF SHEETS

- T1 PROJECT TITLE, LOCATION, INDEX OF SHEETS
- A1 ROOF PLAN AND NOTES
- A2 ROOF DETAILS

ROOFING REPLACEMENT

JOLIET JUNIOR COLLEGE - BUILDING S
 1215 HOUBOLT ROAD
 JOLIET, ILLINOIS

STROMSLAND + DE YOUNG + PRYBYS
 ARCHITECTURE GROUP

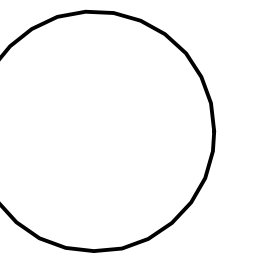
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 L.N.: 184-00437

NUMBER
SET



ROOFING REPLACEMENT
 JOLIET JUNIOR COLLEGE - BUILDING S
 1215 HOUBOLT ROAD
 JOLIET, ILLINOIS

DATE: 1/20/2015

REVISED:

PROJECT NO.
1411-01

SHEET NUMBER

T1

OF 1 SHEETS

LOCATION OF GRADE ACCESS TO ROOF SURFACE FOR USE BY CONTRACTOR. VERIFY EXACT LOCATION WITH OWNER. ±11'9"-4"

ROOF PLAN LEGEND

- ⊠ EXISTING HVAC EQUIPMENT ON ROOF CURB, VERIFY EXACT SIZES AND LOCATIONS IN FIELD. EXISTING FLASHING TO BE REMOVED AND REPLACED PER ROOFING MEMBRANE MANUFACTURER'S REQUIREMENTS.
- ⊠ EXISTING PLUMBING VENT PENETRATION THROUGH ROOF. VERIFY EXACT QUANTITIES AND LOCATIONS IN FIELD. EXISTING FLASHING TO BE REMOVED AND REPLACED PER ROOFING MEMBRANE MANUFACTURER'S REQUIREMENTS.
- EXISTING PIPE PORTAL PENETRATION THROUGH ROOF. VERIFY EXACT SIZES AND LOCATIONS IN FIELD. EXISTING FLASHING TO BE REMOVED AND REPLACED PER ROOFING MEMBRANE MANUFACTURER'S REQUIREMENTS.
- ⊙ EXISTING ROOF DRAIN TO REMAIN, VERIFY EXACT SIZES AND LOCATIONS IN FIELD. TRIM SURFACE OF NEW INSULATION TO MEET HEIGHT OF EXISTING DRAINS (V.I.F.) CREATE 2'-FOOT MINIMUM RADIUS SUMP AROUND DRAINS.
- SC EXISTING THROUGH-WALL SCUPPER, VERIFY EXACT SIZES AND LOCATIONS IN FIELD. REMOVE AND REPLACE EXISTING METAL SCUPPER AND FLASHING PER SECTION 3 ON SHEET A2 AND ROOFING MEMBRANE MANUFACTURER'S REQUIREMENTS.
- CB EXISTING THROUGH-WALL METAL SCUPPER TO COLLECTION BOX AND DOWNSPOUT TO REMAIN. EXISTING FLASHING TO BE REMOVED AND REPLACED PER ROOFING MEMBRANE MANUFACTURER'S REQUIREMENTS.

ROOF PLAN GENERAL NOTES

- A. ALL MATERIALS REMOVED AND NOT SALVAGED OR REUSED SHALL BE PROPERLY DISPOSED OF OFF SITE BY CONTRACTOR.
- B. VERIFY ANY ADDITIONAL DEMOLITION WORK REQUIRED FOR THE REMOVAL/REPLACEMENT OF EXISTING ROOF.
- C. ROOFING MEMBRANE AND/OR SYSTEM SHALL BE A COMPLETE SYSTEM PER MANUFACTURER'S RECOMMENDATIONS AND REQUIRED WARRANTY.
- D. COORDINATE ALL OTHER ROOF PENETRATIONS IN FIELD WITH MANUFACTURER'S APPROVED FLASHING DETAILS (V.I.F.)

ROOF PLAN KEY NOTES

- ① EXISTING ROOF TO REMAIN UNLESS NOTED OTHERWISE. PROVIDE PROTECTION AS NEEDED DURING CONSTRUCTION OPERATIONS.
- ② EXISTING UNUSED PRECAST CONCRETE PAVER TO BE REMOVED FROM ROOF.
- ③ EXISTING SURFACE MOUNTED ANTENNA AND LOOSE CABLES TO REMAIN IN-USE DURING CONSTRUCTION OPERATIONS. MOVE AND RELOCATE AS NEEDED TO COMPLETE ROOFING WORK.
- ④ EXISTING SURFACE MOUNTED SATELLITE DISH AND LOOSE CABLE TO REMAIN IN-USE DURING CONSTRUCTION OPERATIONS. MOVE AND RELOCATE AS NEEDED TO COMPLETE ROOFING WORK.
- ⑤ EXISTING CONDUIT/EQUIPMENT WITH SURFACE MOUNTED PIPE SUPPORTS TO REMAIN, VERIFY IN FIELD.
- ⑥ EXISTING ROOF CURBS FOR PIPING SUPPORT, VERIFY EXACT QUANTITIES AND LOCATIONS. EXISTING FLASHING TO BE REMOVED AND REPLACED PER ROOFING MEMBRANE MANUFACTURER'S REQUIREMENTS.
- ⑦ NEW CROSS-OVER STAIRS OVER EXISTING PIPING, SEE SECTION 1 ON SHEET A2. VERIFY EXACT LOCATION WITH OWNER PRIOR TO INSTALLATION.

ROOF PERIMETER KEY NOTES

- ⑪ EXISTING E.J. BELLOWS TO REMAIN. RELEASE ONE HALF FOR REMOVAL AND REPLACEMENT OF ROOFING. REATTACH WITH NEW GASKETED FASTENERS. RESEAL JOINTS BETWEEN E.J. SECTIONS TO BE WATER TIGHT.
- ⑫ EXISTING METAL COPING CAPS TO BE REMOVED AND SALVAGED. AFTER NEW ROOFING, REINSTALL COPING CAPS WITH NEW GASKETED FASTENERS.
- ⑬ EXTEND NEW FLASHING UP WALL AND TERMINATE UNDER EXISTING METAL GRAVEL STOP. REMOVE AND REPLACE GRAVEL STOP AS NEEDED, V.I.F.
- ⑭ EXISTING METAL COPING CAP SYSTEM TO BE REMOVED ENTIRELY. AFTER NEW ROOFING PROVIDE NEW COPING CAP SYSTEM, SEE SECTION 4 ON SHEET A2.
- ⑮ EXISTING METAL COPING CAP SYSTEM TO BE REMOVED ENTIRELY. EXTEND NEW ROOFING FLASHING UP WALL AND UNDER EXISTING EPDM ROOFING TO REMAIN. SEAM WATER TIGHT, V.I.F.
- ⑯ EXISTING E.J. BELLOWS TO BE REMOVED ENTIRELY. AFTER NEW ROOFING PROVIDE NEW E.J. BELLOWS WITH GASKETED FASTENERS.
- ⑰ EXISTING METAL GRAVEL STOP AND E.J. BELLOWS TO BE REMOVED ENTIRELY. BUILD-UP PARAPET AND PROVIDE NEW E.J. BELLOWS, SEE SECTION 4 ON SHEET A2.
- ⑱ EXISTING METAL COPING CAP SYSTEM TO BE REMOVED ENTIRELY. PROVIDE NEW GRAVEL STOP INSTALLED WITH ROOFING, SEE SECTION 2 ON SHEET A2.
- ⑲ EXISTING METAL COUNTERFLASHING TO BE REMOVED ENTIRELY. PROVIDE NEW GRAVEL STOP INSTALLED WITH ROOFING, SEE SECTION 5 ON SHEET A2.
- ⑳ EXISTING METAL COUNTERFLASHING TO BE REMOVED ENTIRELY. AFTER NEW ROOFING PROVIDE NEW COUNTERFLASHING, SEE SECTION 5 ON SHEET A2.

ROOF AREAS SCOPE OF WORK

ROOF AREA 'A'
 REMOVE EXISTING EPDM ROOFING AND FLASHINGS.
 REMOVE EXISTING SADDLES AND CRICKETS.
 REMOVE EXISTING 1/8" TAPERED POLYISOCYANURATE INSULATION ±2-1/4" TO ±5-1/4".
 CLEAN AND PREP EXISTING CONCRETE ROOF DECK.
 NEW 1/8" TAPERED INSULATION FOR ROOF SLOPE 3" MIN. TO ±1-1/4".
 NEW 1/4" TAPERED INSULATION SADDLES AND CRICKETS AS INDICATED (1:3, W:L RATIO).
 NEW EPDM ROOFING MEMBRANE AND FLASHINGS.

ROOF AREA 'B'
 REMOVE EXISTING EPDM ROOFING AND FLASHINGS.
 REMOVE EXISTING SADDLES AND CRICKETS.
 REMOVE EXISTING 1/8" TAPERED POLYISOCYANURATE INSULATION ±2-3/4" TO ±6-1/2".
 CLEAN AND PREP EXISTING CONCRETE ROOF DECK.
 NEW 1/8" TAPERED INSULATION FOR ROOF SLOPE 3" MIN. TO ±1".
 NEW 1/4" TAPERED INSULATION SADDLES AND CRICKETS AS INDICATED (1:3, W:L RATIO).
 NEW EPDM ROOFING MEMBRANE AND FLASHINGS.

ROOF AREA 'C'
 REMOVE EXISTING EPDM ROOFING AND FLASHINGS.
 REMOVE EXISTING SADDLES AND CRICKETS.
 REMOVE EXISTING 1/8" TAPERED POLYISOCYANURATE INSULATION ±2-1/4" TO ±4-1/4".
 CLEAN AND PREP EXISTING CONCRETE ROOF DECK.
 NEW 1/8" TAPERED INSULATION FOR ROOF SLOPE 4" MIN. TO ±6".
 NEW 1/4" TAPERED INSULATION SADDLES AND CRICKETS AS INDICATED (1:3, W:L RATIO).
 NEW EPDM ROOFING MEMBRANE AND FLASHINGS.

ROOF AREA 'D'
 REMOVE EXISTING PVC ROOFING AND FLASHINGS.
 REMOVE EXISTING 1/2" PERLITE BOARD INSULATION.
 CLEAN AND PREP EXISTING CONCRETE ROOF DECK.
 NEW INSULATION BOARDS 4-1/2".
 NEW 1/8" TAPERED INSULATION FOR DRAINAGE AS INDICATED.
 NEW EPDM ROOFING MEMBRANE AND FLASHINGS.



PARTIAL ROOF PLAN

SCALE: 3/32" = 1'-0"

P:\JUC - BUILDING 5 ROOF REPLACEMENT DRAWINGS\ARCH\1411-01\ALMEC

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 1215 HOUBOLT ROAD
 JOLIET, ILLINOIS

DATE: 1/20/2015

REVISED:

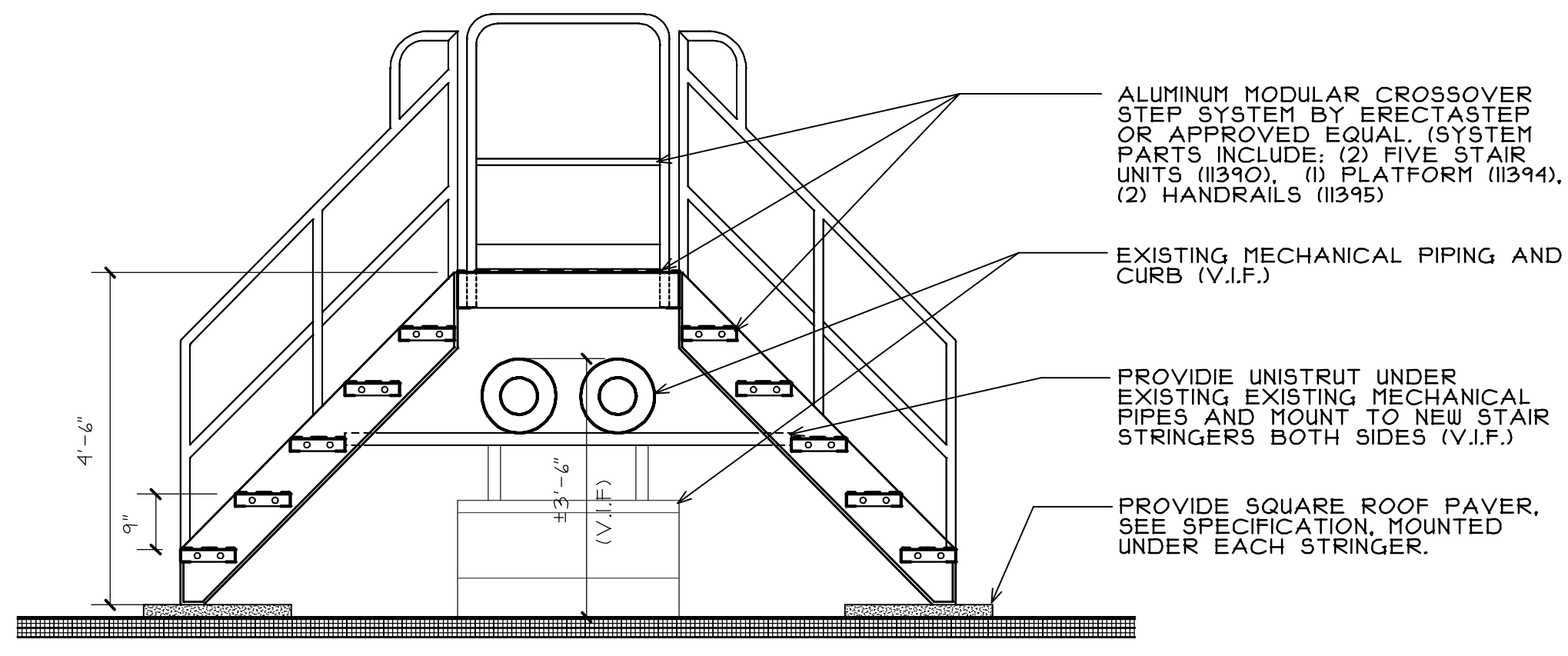
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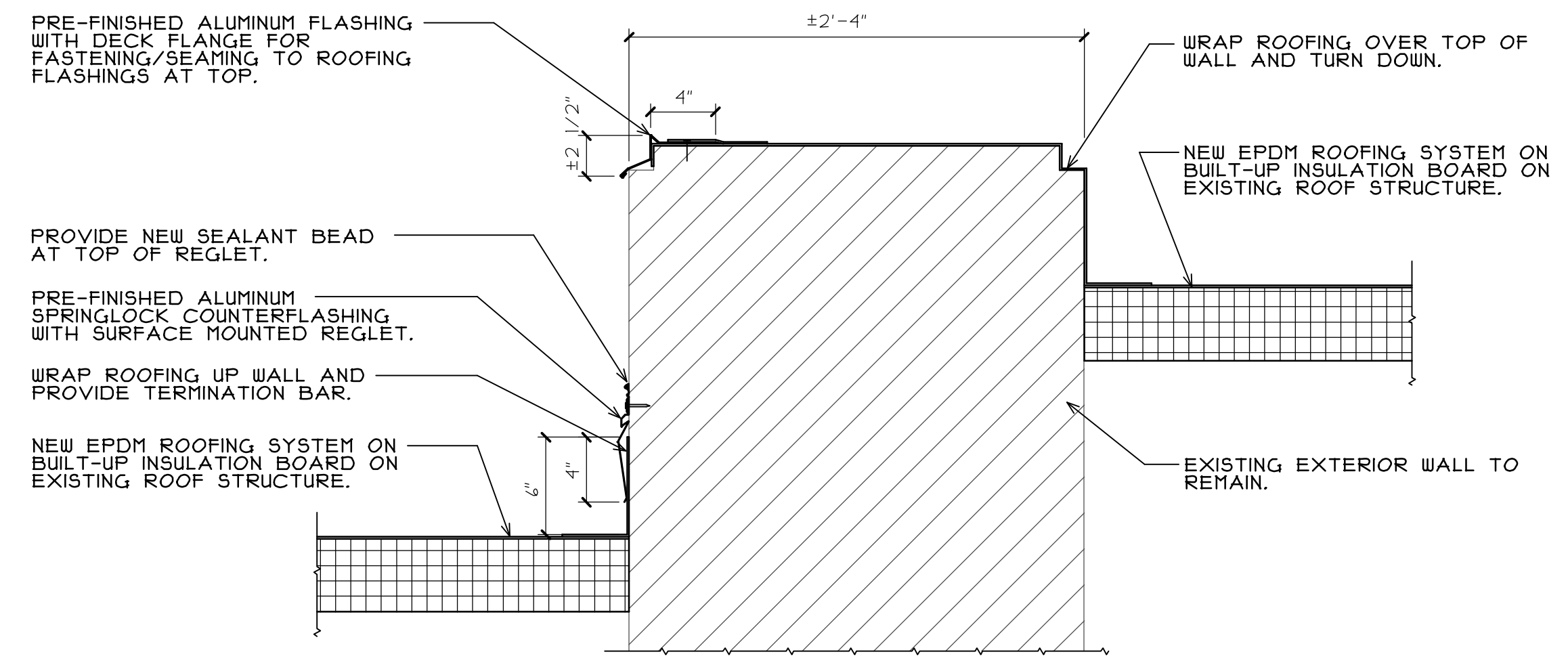
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A1

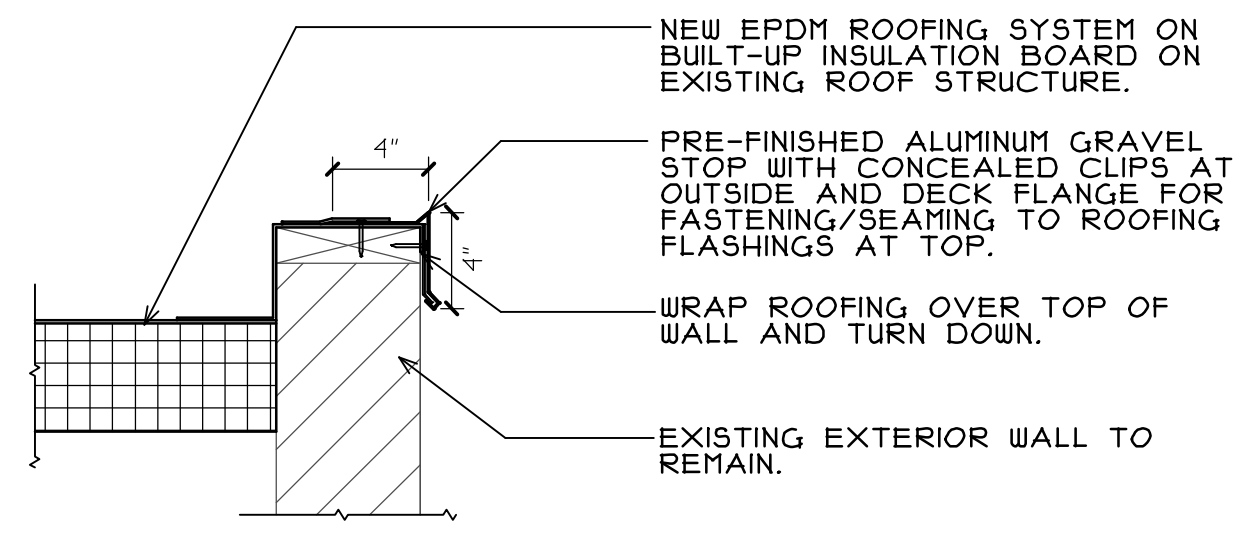
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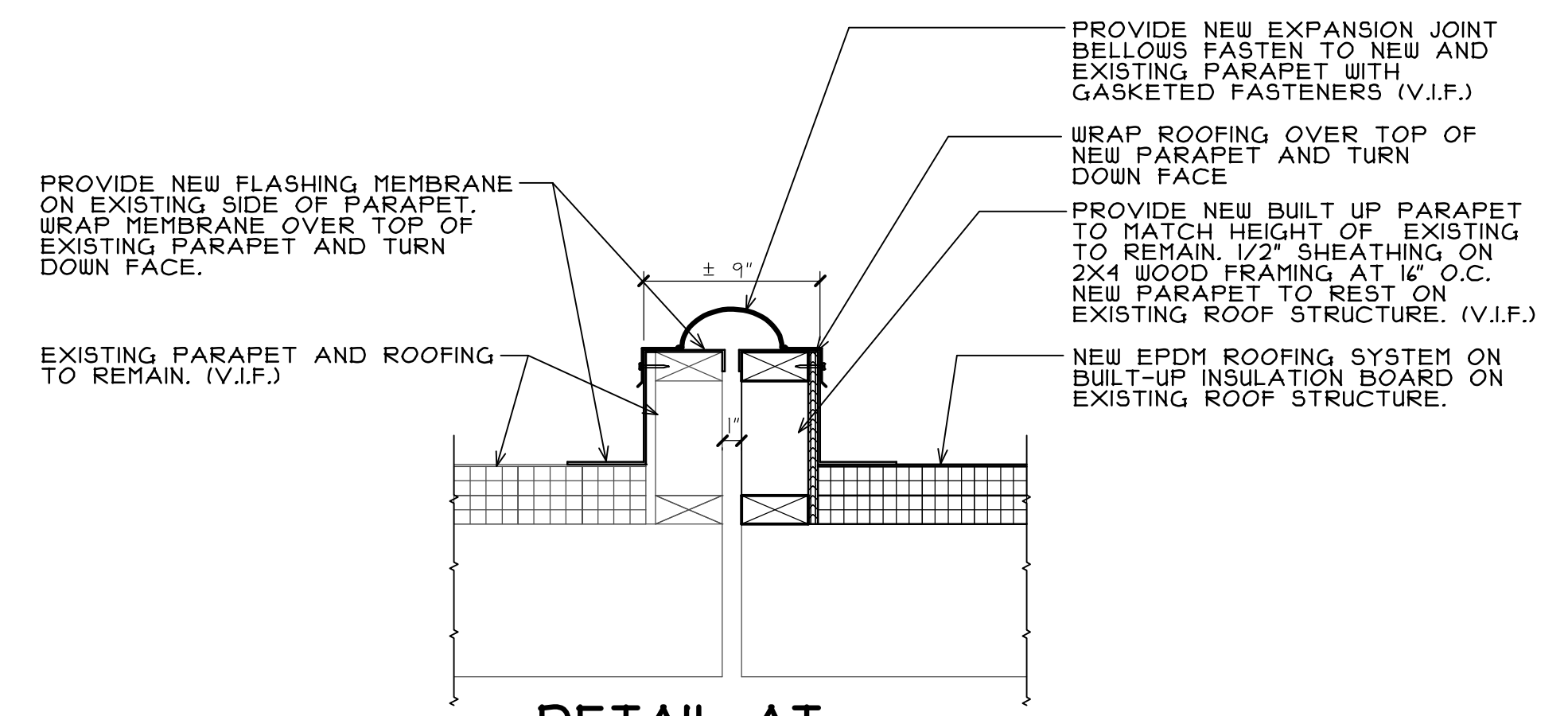
1 CROSS OVER STAIRS
A2 SCALE: 1/2" = 1'-0"



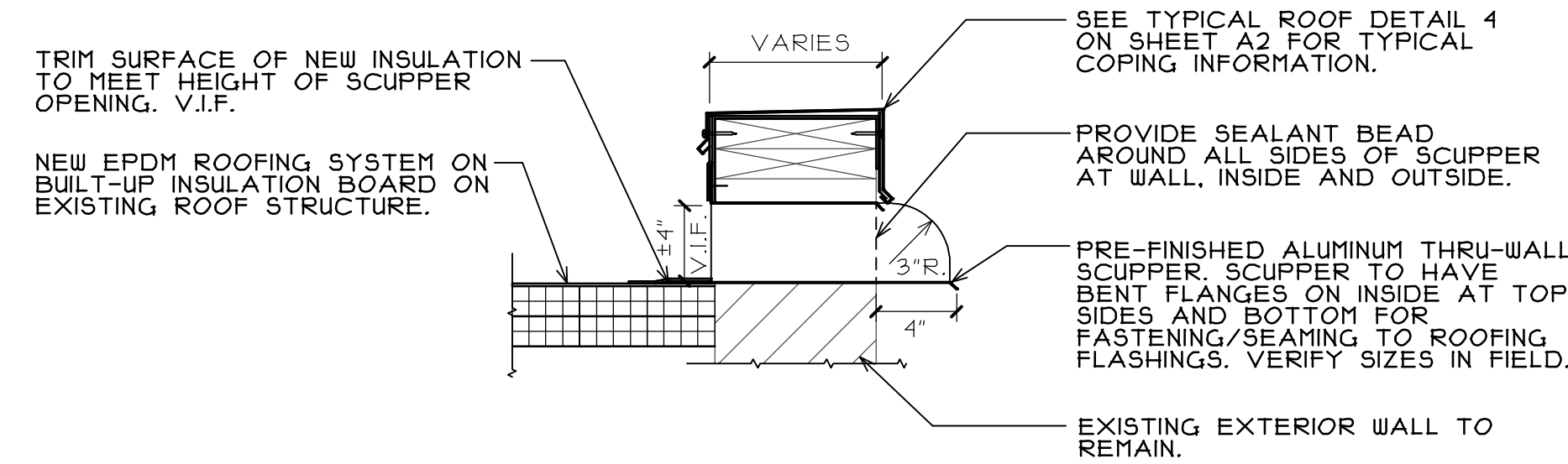
5 DETAILS AT CENTER STAIR WALL
A2 SCALE: 1/2" = 1'-0"



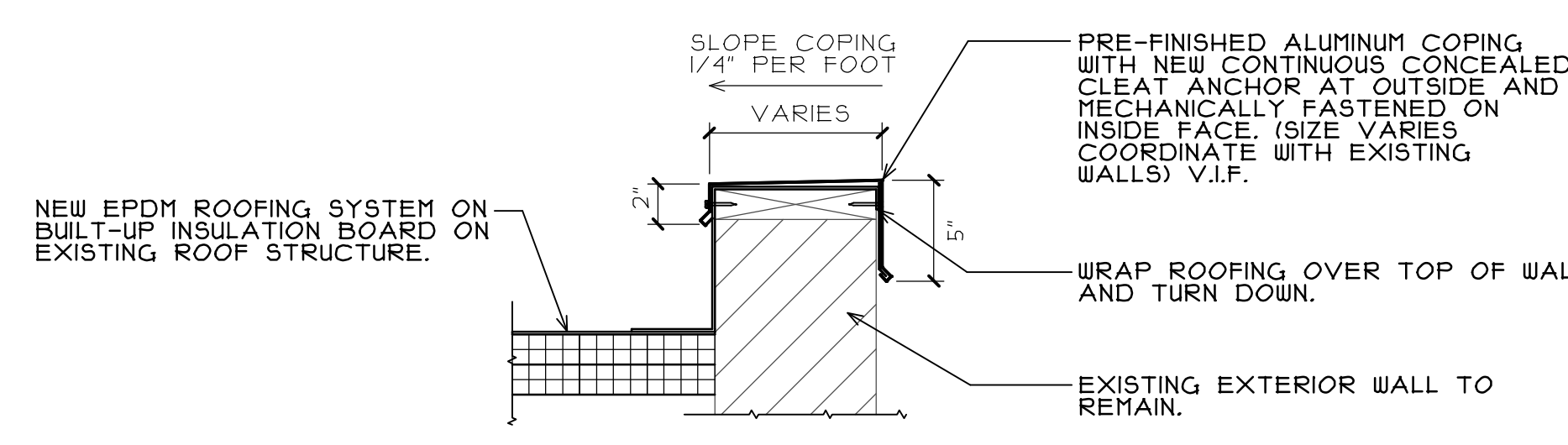
2 DETAIL AT CURVED STAIR EDGE
A2 SCALE: 1/2" = 1'-0"



4 DETAIL AT EXPANSION JOINT
A2 SCALE: 1/2" = 1'-0"



3 ROOF SCUPPER
A2 SCALE: 1/2" = 1'-0"



4 TYPICAL ROOF DETAIL
A2 SCALE: 1/2" = 1'-0"

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A2

OF 2 SHEETS