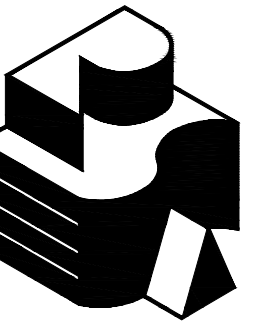


# SHELDON HIGH SCHOOL ROOFING 2020

## Eugene School District 4J Eugene, Oregon

### C.I.P. #420.652.209



Robertson | Sherwood | Architects pc  
 132 EAST BROADWAY, SUITE 540  
 EUGENE, OREGON 97401  
 541-342-8077  
 www.robertsonsherwood.com



SHELDON HIGH SCHOOL  
 2455 WILLAKENZIE ROAD  
 EUGENE, OREGON 97401

### PROJECT TEAM

**OWNER**  
 EUGENE PUBLIC SCHOOL DISTRICT 4J  
 715 W. 4th AVENUE  
 EUGENE, OREGON 97402  
 541-790-7417  
 541-790-7420 (FAX)

**ARCHITECT**  
 ROBERTSON/SHERWOOD/ARCHITECTS pc  
 132 E. BROADWAY, SUITE 540  
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 541-324-8077  
 541-345-4302 (FAX)

### SHEET INDEX

**GENERAL**  
 001 COVER SHEET, VICINITY MAP  
 002 GENERAL NOTES, SITE PLAN, DEMOLITION PLAN

**ARCHITECTURAL**  
 101 ROOF PLAN - NORTHEAST  
 102 ROOF PLAN - SOUTHEAST  
 103 ROOF PLAN - NORTHWEST  
 104 ROOF PLAN - SOUTHWEST  
 201 DETAILS  
 202 DETAILS  
 203 DETAILS

### ABBREVIATIONS

AV	AIR VENTILATOR
BLKG	BLOCKING
B/O	BOTTOM OF
BTW	BETWEEN
BUR	BUILT-UP ROOF
CONT	CONTINUOUS
CNTRFLSHG	COUNTERFLASHING
¢	PENNY
DD	DOWNSPOUT DROP
(E)	EXISTING
EA	EACH
EQ	EQUAL
FLSHG	FLASHING
FPA	FALL PROTECTION ANCHOR
GA	GAGE
GALV	GALVANIZED
INSUL	INSULATION
LVL	LAMINATED VENEER LUMBER
MFR	MANUFACTURER
MIN	MINIMUM
MTL	METAL
(N)	NEW
NIC	NOT IN CONTRACT
N.T.S.	NOT TO SCALE
OC	ON CENTER
EUGENE	EUGENE
OS	OVERFLOW SCUPPER
PLYWD	PLYWOOD
POLYISO	POLYISOCYANURATE
PT	PRESSURE TREATED
PRE-FIN	PRE-FINISHED
PV	PLUMBING VENT STACK
RD	ROOF DRAIN
REQ'D	REQUIRED
RH	ROOF HATCH
SDS	SIMPSON STRONG-DRIVE SCREW
SHTHG	SHEATHING
SIM	SIMILAR
SM	SHEET METAL
SS	STAINLESS STEEL
TYP	TYPICAL
U.O.N.	UNLESS OTHERWISE NOTED
VERT	VERTICAL
W/	WITH

### SYMBOLS

	KEYED NOTE REFERENCE
	DETAIL REFERENCE
	ELEVATION REFERENCE
	BUILDING SECTION REFERENCE

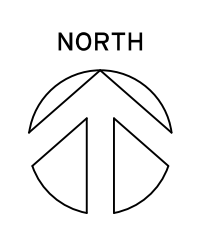
### CODE INFORMATION

APPLICABLE CODE: 2014 OREGON STRUCTURAL SPECIALTY CODE, BASED ON 2012 INTERNATIONAL BUILDING CODE

OCCUPANCY: SCHOOL CLASSROOMS: E

CONSTRUCTION TYPE: TYPE I-B.

A1  
 001 VICINITY MAP  
 NOT TO SCALE



SHELDON HIGH SCHOOL ROOFING 2020  
 EUGENE SCHOOL DISTRICT 4J  
 C.I.P. NO. 420-652-209

MARK	DATE	DESCRIPTION
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ISSUE DATE: 24 FEBRUARY 2020  
 ISSUE: CONSTRUCTION DOCUMENTS

PROJECT NO: 1901  
 DRAWN BY: BDH  
 CHECKED BY: JMR

© ROBERTSON | SHERWOOD | ARCHITECTS PC 2020 ORIGINAL SHEET SIZE: 24"X36"

COVER SHEET  
 VICINITY MAP

001

## SCOPE OF WORK

- REFER TO ROOF PLANS ON SHEETS 101, 102, 103, & 104, REFER TO A1/202 FOR ROOF ASSEMBLY DETAIL.
- REMOVE EXISTING ROOF MATERIAL DOWN TO DECK. USE HAND SPIDDING DEMOLITION ONLY; DO NOT USE MECHANICAL SPIDDING. DO NOT SAW CUT ROOF. PROTECT MATERIALS TO BE REUSED. REPAIR DAMAGE TO EXISTING ROOF STRUCTURE INCURRED DURING THE WORK. SEE A1 / 102 FOR DESCRIPTION OF EXISTING ROOF STRUCTURE.
- REMOVE AIR VENTS, ROOF VENTS AND OTHER EQUIPMENT AS REQUIRED TO EXTEND CURBS AND INSTALL FLASHINGS AS INDICATED ON DRAWINGS. REPLACE MOPPED-IN COLLAR FLASHINGS WITH NEW.
- REMOVE SKYLIGHTS AND PROVIDE NEW SKYLIGHTS.
- INSTALL FALL PROTECTION SYSTEMS.
- INSTALL NEW VAPOR RETARDER, INSULATION, COVER BOARD, SINGLE-PLY ROOF, FLASHINGS, AND OTHER ITEMS AS DETAILED, SPECIFIED, AND AS REQUIRED TO PROVIDE COMPLETE ROOF SYSTEM.
- REINSTALL EQUIPMENT AND FLASHINGS SALVAGED FOR REUSE.
- PAINT NEW AND EXISTING ROOFTOP EQUIPMENT AND SHEET METAL EXCEPT PRE-FINISHED METAL, ALUMINUM, AND STAINLESS STEEL.

## FASTENING SCHEDULE

METAL FLANGES AT AIR VENTS:	LARGE HEAD HOT DIPPED 12 GA GALV ROOFING NAILS AT 4" O/C
PRE-FINISHED SHEET METAL SKIRTS AT EXHAUST FANS:	PRE-FINISHED SHEET METAL SCREWS WITH NEOPRENE WASHERS AT 8" O/C; MINIMUM 2 FASTENERS PER SIDE.
PRE-FINISHED FLASHING AND COUNTERFLASHING:	PRE-FINISHED SHEET METAL SCREWS WITH NEOPRENE WASHERS AT 24" O/C
CONTINUOUS CLEATS AND REGLETS TO WOOD:	GALVANIZED NAILS AT 12" O.C.
PLYWOOD BACKING:	10d GALV NAILS AT 12" OC AT WOOD FRAMING / COMPRESSION PINS AT 18" OC, STAGGERED PATTERN AT CONCRETE OR CMU.

## GENERAL NOTES

- PROTECT EXISTING BUILDINGS, YARDS, AND ADJACENT ROOF SURFACES FROM DAMAGE AND DEBRIS. REPAIR DAMAGE OCCURRING DURING THE WORK.
- BUILDING DIMENSIONS AND LOCATIONS OF ROOF PENETRATIONS ARE APPROXIMATE. VERIFY DIMENSIONS, LOCATIONS, AND QUANTITIES.
- INSPECT ROOF SUBSTRATE FOR DECAY AND REPORT UNSATISFACTORY CONDITIONS TO ARCHITECT FOR REMEDY.
- MAINTAIN TEMPORARY WATERPROOF COVERINGS UNTIL ROOFING IS COMPLETE.
- REPAIR EXISTING CEILING AND LIGHT FIXTURES DAMAGED DURING TEAR-OFF AND REROOFING WORK.
- VERIFY LOCATIONS OF STAGING AREAS WITH OWNER.
- DETAILS SHOW MINIMUM REQUIREMENTS FOR ROOFING COMPONENTS. FOLLOW SELECTED MANUFACTURER'S REQUIREMENTS WHEN THEY EXCEED THESE MINIMUMS.
- DISCONNECT ELECTRICITY IN CONDUITS AFFECTED BY THE WORK, INCLUDING POWER TO MECHANICAL UNITS. RECONNECT AND TEST OPERATION OF UNITS. ELECTRICAL WORK SHALL BE PERFORMED BY LICENSED ELECTRICAL CONTRACTOR.
- AT CHANGES IN ROOF PLANE, EASE EDGES WITH CANT STRIPS AND TAPERED EDGE STRIPS.
- WHERE EXISTING WOOD ROOF DECKING IS EXPOSED TO INTERIOR SPACE BELOW, INSTALL PLASTIC SHEETING TO CATCH DEBRIS DURING DEMOLITION. AFTER PLASTIC IS REMOVED, ENSURE THAT ALL STAPLES AND/OR TAPE FASTENERS ARE ALSO REMOVED.
- USE SHORTEST POSSIBLE FASTENERS REQUIRED TO ACHIEVE MANUFACTURERS' RECOMMENDED PENETRATION.

## DESIGN LOADS

ASCE 7-10. ENVELOPE PROCEDURE, PART 2: LOW-RISE BUILDINGS  
 EXPOSURE: B  
 OCCUPANCY CATEGORY: III  
 BASIC WIND SPEED (3-SECOND GUST): 105 MPH

### DESIGN WIND LOADS

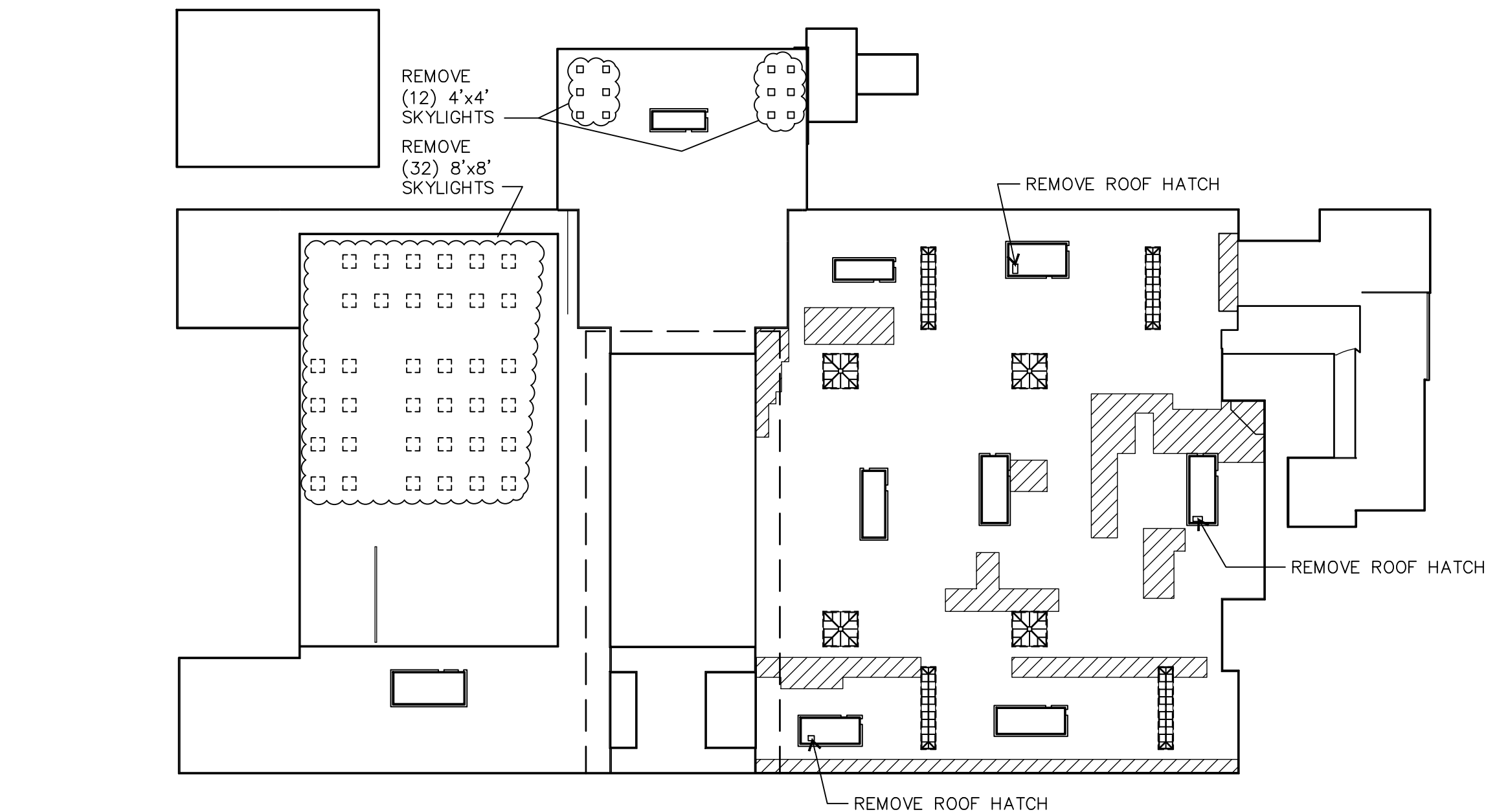
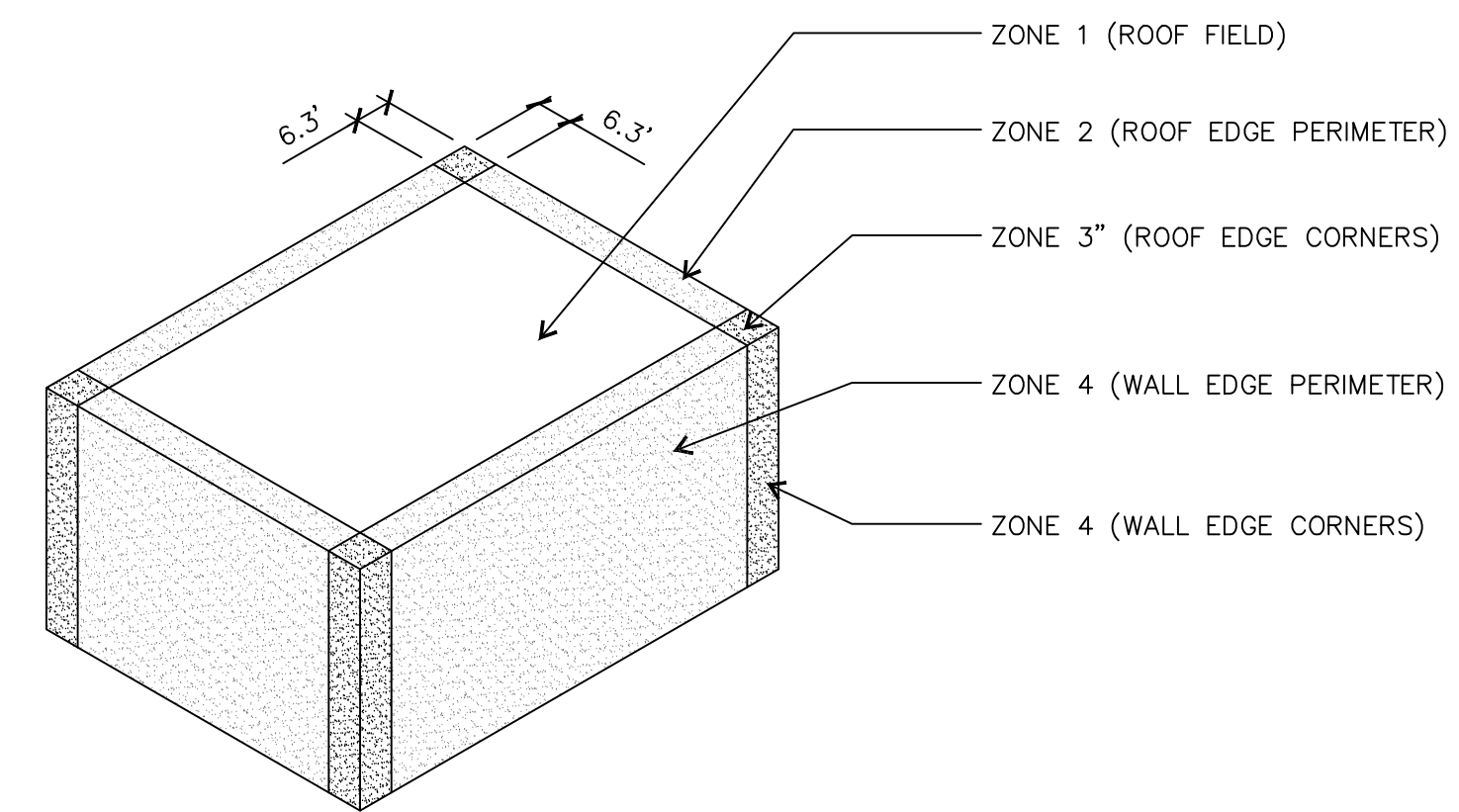
ZONE 1 (ROOF AREA FIELD): 23.8 PSF  
 ZONE 2 (ROOF EDGE PERIMETER): 39.8 PSF  
 ZONE 3 (ROOF EDGE CORNERS): 60.0 PSF

### ROOF MINIMUM DESIGN UPLIFT-RESISTANCE CAPACITIES

ZONE 1 (ROOF AREA FIELD): 28.5 PSF  
 ZONE 2 (ROOF EDGE PERIMETER): 47.7 PSF  
 ZONE 3 (ROOF EDGE CORNERS): 71.9 PSF

### EDGE METAL MINIMUM DESIGN WIND-RESISTANCE LOADS

ZONE 2 (ROOF EDGE PERIMETER, VERTICAL): 47.7 PSF  
 ZONE 3 (ROOF EDGE CORNERS, VERTICAL): 71.9 PSF  
 ZONE 4 (WALL EDGE PERIMETER, HORIZONTAL): 30.9 PSF  
 ZONE 5 (WALL EDGE CORNERS, HORIZONTAL): 38.1 PSF

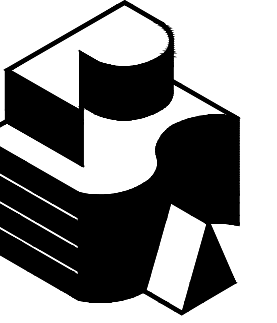
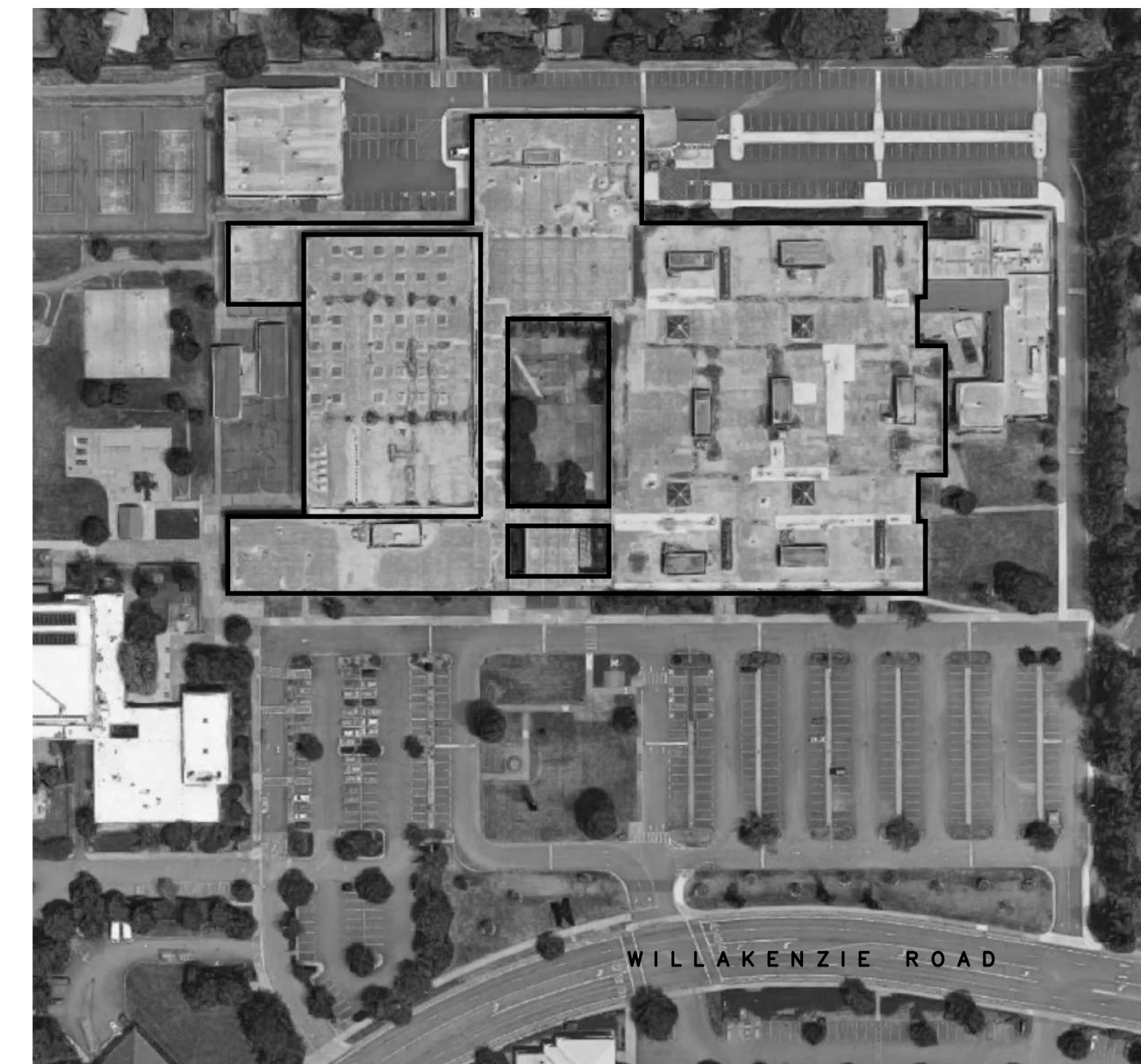


## EXISTING ROOF ASSEMBLIES

FOLLOWING LIST OF ASSUMED EXISTING ROOF ASSEMBLIES ARE BASED ON RECENT TEST CUTS BY OWNER AND DETAIL DRAWINGS FROM PREVIOUS ROOFING PROJECTS: (FIELD VERIFY)

- GENERAL:
- CAP SHEET
  - (2) INNER PLIES
- OVER—
- CAP SHEET
  - (3) INNER PLIES
  - BASE SHEET NAILED TO DECK
  - RED ROSIN VAPOR RETARDER SHEATHING
- PENTHOUSES:
- CAP SHEET
  - (4) INNER PLIES
  - BASE SHEET
  - 1½" RIGID INSULATION
- OVER—
- 1" PERLITE RIGID INSULATION
  - BASE SHEET NAILED TO DECK
  - RED ROSIN VAPOR RETARDER SHEATHING

INDICATES ADDITIONAL ROOF REPAIR OVERLAYS TO BE REMOVED; TOTAL AREA AT EAST SIDE OF BUILDING = APPROXIMATELY 16,150 SF



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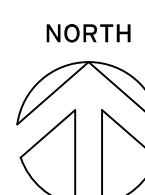
SHELTON HIGH SCHOOL ROOFING 2020  
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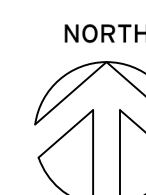
ISSUE DATE:	24 FEBRUARY 2020
ISSUE:	CONSTRUCTION DOCUMENTS
PROJECT NO:	1901
DRAWN BY:	BDH
CHECKED BY:	JMR
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GENERAL NOTES  
 SITE PLAN  
 DEMOLITION PLAN

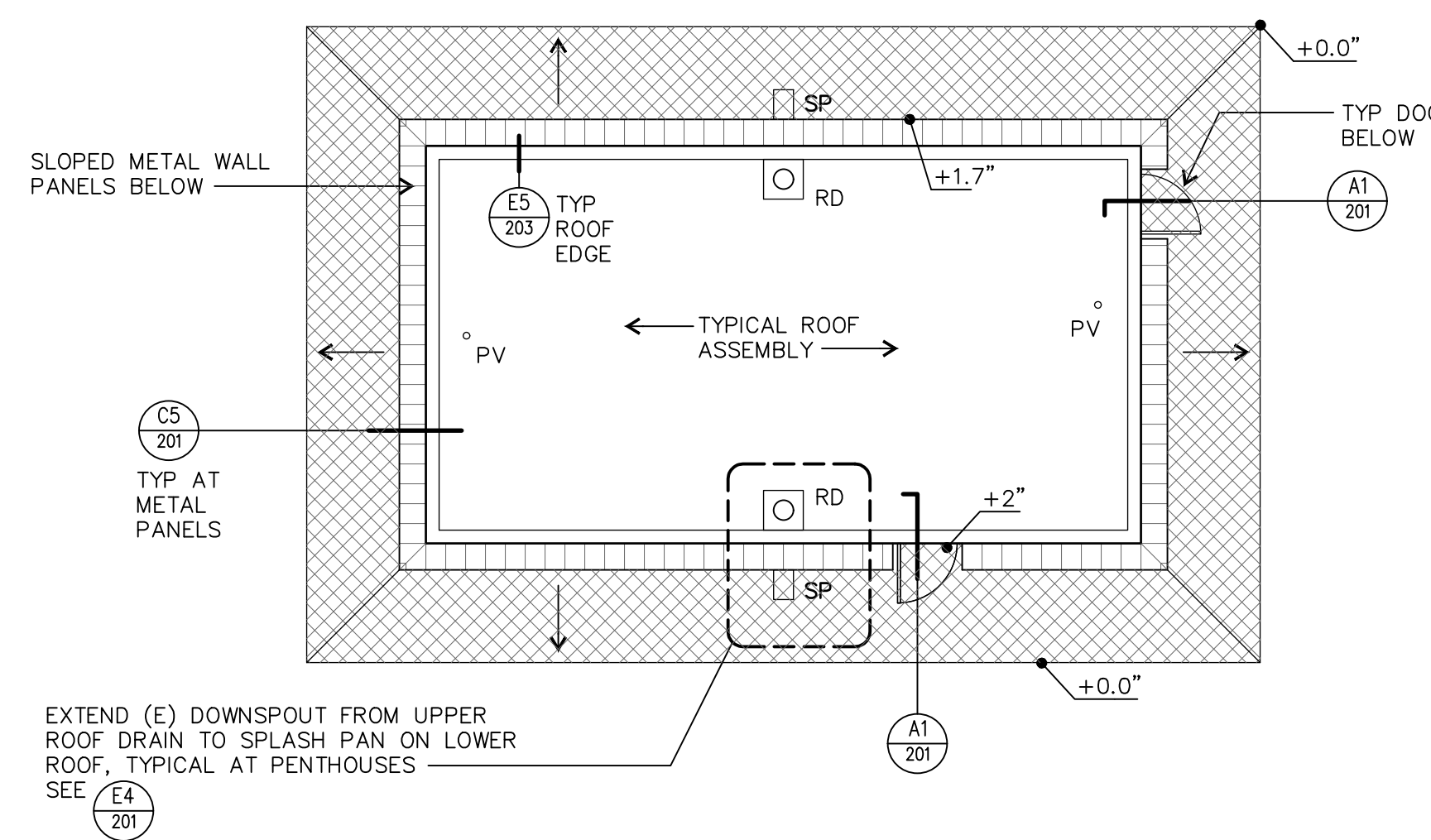
**A1**  
**002**    **DEMOLITION PLAN**  
 NOT TO SCALE



**A2**  
**002**    **SITE PLAN**  
 NOT TO SCALE    2455 WILLAKENZIE ROAD, EUGENE, OREGON 97401



**002**



**E1** TYPICAL PENTHOUSE ROOF PLAN  
1/8" = 1'-0"

**KEYED NOTES**

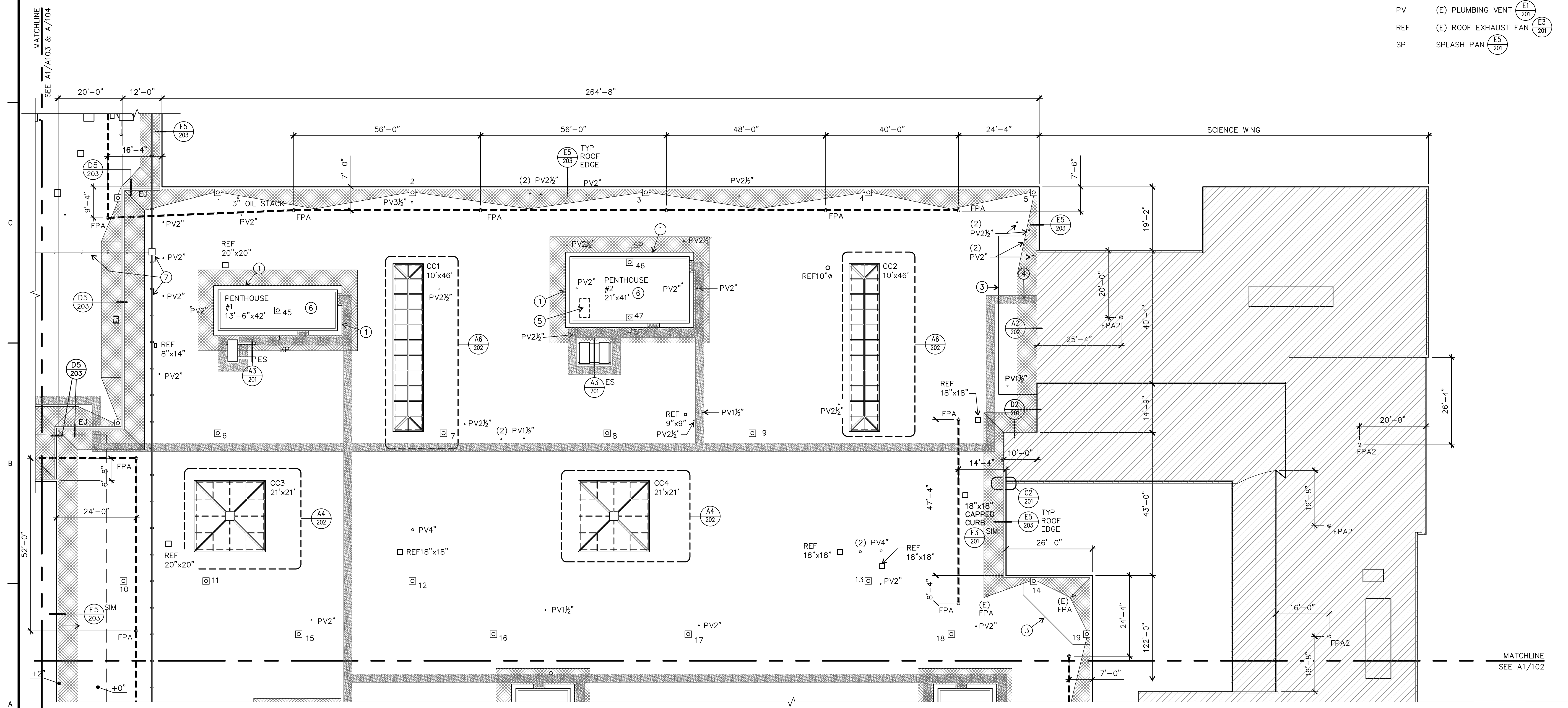
- 1 EXTEND CONDENSATE DRAIN (D3/201)
- 2 NOT USED
- 3 BOUNDARY OF (E) TPO OVERLAY OVER (E) BUR SYSTEM; REMOVE TPO & BUR PRIOR TO INSTALLING NEW ROOF SYSTEM
- 4 ALIGN WALKWAY PADS W/ (E) WALKWAY ON SCIENCE ADDITION
- 5 PATCH ROOF HATCH OPENING W/ PLYWD SHEATHING; PROVIDE 2x BLOCKING AROUND OPENING AT 24" OC TO SUPPORT SHEATHING
- 6 SEE (E1/101) FOR TYPICAL PENTHOUSE ROOF PLAN.
- 7 (E) 2 1/2" Ø CONDUIT & SM JUNCTION BOX; PROVIDE NON-PENETRATING PEDESTALS UNDER BOTH BOX & CONDUIT

**GENERAL NOTES** REFER ALSO TO GENERAL NOTES ON SHEET 002

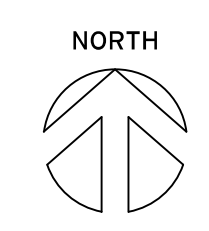
1. REMOVE AIR VENTS, ROOF VENTS AND OTHER EQUIPMENT AS REQUIRED TO EXTEND CURBS AND INSTALL FLASHINGS AS INDICATED ON DRAWINGS. REPLACE MOPPED-IN COLLAR FLASHINGS WITH NEW. PROVIDE DISCONNECT SWITCHES AT ROOF EXHAUST FANS PER SECTION 26 05 00.
2. INSTALL NEW INSULATION, COVER BOARD, SINGLE-PLY ROOF, FLASHINGS, AND OTHER ITEMS AS DETAILED AND SPECIFIED.
3. REINSTALL EQUIPMENT AND FLASHINGS SALVAGED FOR REUSE. PAINT NEW AND EXISTING ROOFTOP EQUIPMENT AND SHEET METAL EXCEPT PRE-FINISHED METAL.
4. EXTEND CURBS, PLUMBING VENTS, AND OTHER ITEMS WHERE NECESSARY AS INDICATED IN DETAILS.
5. QUANTITIES AND LOCATIONS OF ROOF MOUNTED EQUIPMENT ARE BASED ON CASUAL OBSERVATION AND ORIGINAL CONSTRUCTION DOCUMENTS. VERIFY ACTUAL QUANTITIES AND LOCATIONS.
6. LOCATIONS OF FALL PROTECTION ANCHORS ARE BASED ON ASSUMED CENTER LINES OF EXISTING GLU-LAM BEAMS. VERIFY ACTUAL LOCATIONS OF BEAMS PRIOR TO INSTALLING ANCHORS. NOTIFY ARCHITECT IF ANCHOR LOCATIONS MUST BE ADJUSTED DUE TO BEAM-MOUNTED CONDUIT OR OTHER ITEMS THAT MAY INTERFERE WITH INSTALLATION.
7. REFER TO C3/202 FOR LOCATION OF FALL PROTECTION ANCHORS WHERE ACCESS TO STRESSED SKIN PANELS OCCURS FROM BELOW, REFER TO C1/202 WHERE ACCESS FROM BELOW IS LIMITED BY PLASTER OR GYPSUM BOARD CEILINGS.
8. REPLACE (E) WOOD CONDUIT AND PIPING SUPPORTS WITH NON-PENETRATING PEDESTALS.

**ROOF PLAN LEGEND**

- NOTE: SIZES OF ROOF PENETRATIONS AND CURBS INDICATED IN INCHES.
- AREA OUTSIDE OF ROOFING WORK
  - TAPERED INSULATION AT ROOF EDGES, EXPANSION JOINTS, AND PENTHOUSES; SEE (D1/203) FOR TYPICAL TAPERED INSULATION PLAN
  - WALKWAY PADS
  - HORIZONTAL LIFELINE
  - 31 ROOF DRAIN (individually numbered) (C3/201)
  - AV (E) AIR VENTILATOR (E3/201) SIM
  - CC (E) COURTYARD COVER (individually numbered) (A4/202) (A6/202)
  - EJ (E) EXPANSION JOINT (D5/203)
  - ES (E) EQUIPMENT SUPPORT CURB (A3/201)
  - FPA FALL PROTECTION ANCHOR (C1/201)
  - FPA2 FALL PROTECTION ANCHOR AT SCIENCE WING (D1/202)
  - PV (E) PLUMBING VENT (E1/201)
  - REF (E) ROOF EXHAUST FAN (E3/201)
  - SP SPLASH PAN (E5/201)



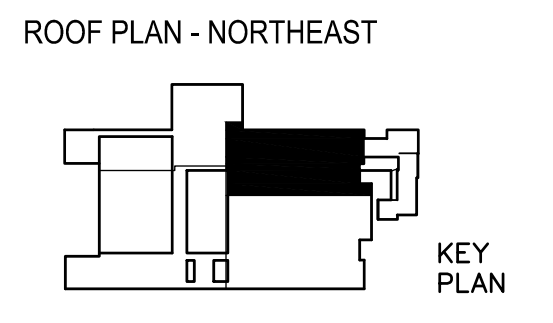
**A1** ROOF PLAN - NORTHEAST  
1/16" = 1'-0"

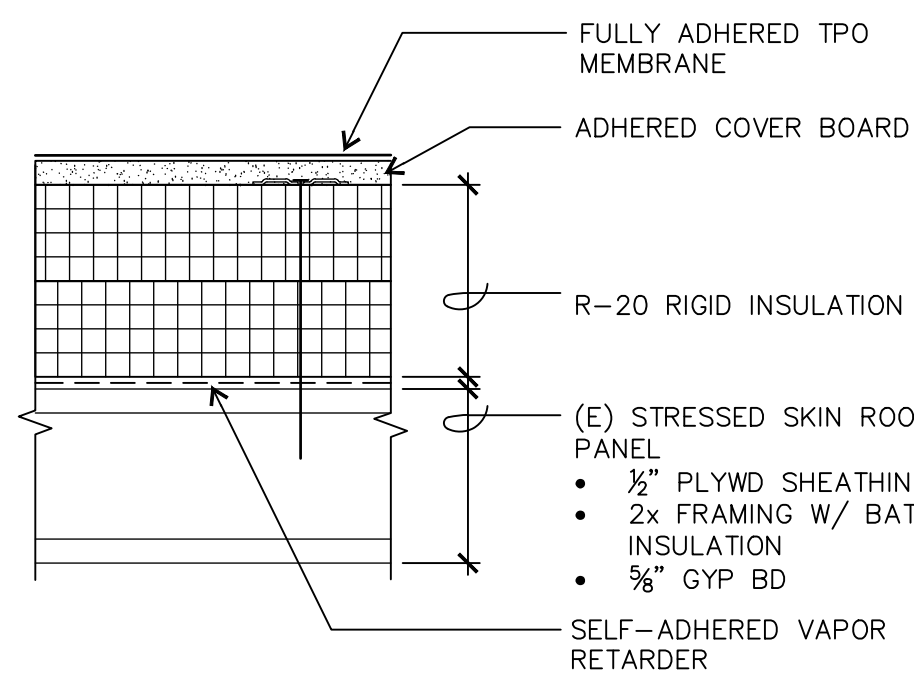


**SHELDON HIGH SCHOOL ROOFING 2020**  
**EUGENE SCHOOL DISTRICT 4J**  
**C.I.P. NO. 420-652-209**

MARK	DATE	DESCRIPTION

ISSUE DATE: 24 FEBRUARY 2020  
ISSUE: CONSTRUCTION DOCUMENTS  
PROJECT NO: 1901  
DRAWN BY: BDH  
CHECKED BY: JMR  
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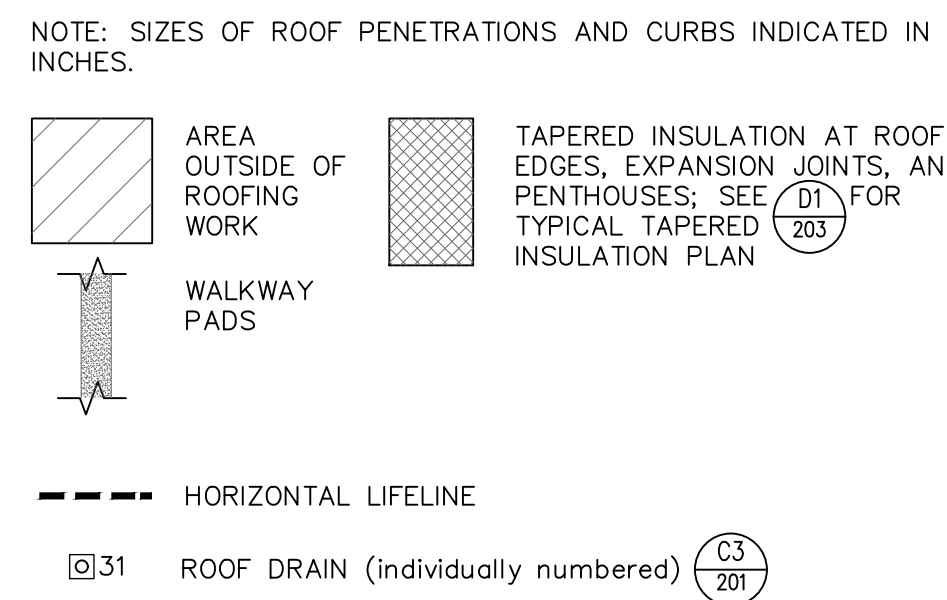


**E1** ROOF ASSEMBLY  
102 3" = 1'-0"

**GENERAL NOTES** REFER ALSO TO GENERAL NOTES ON SHEET 002

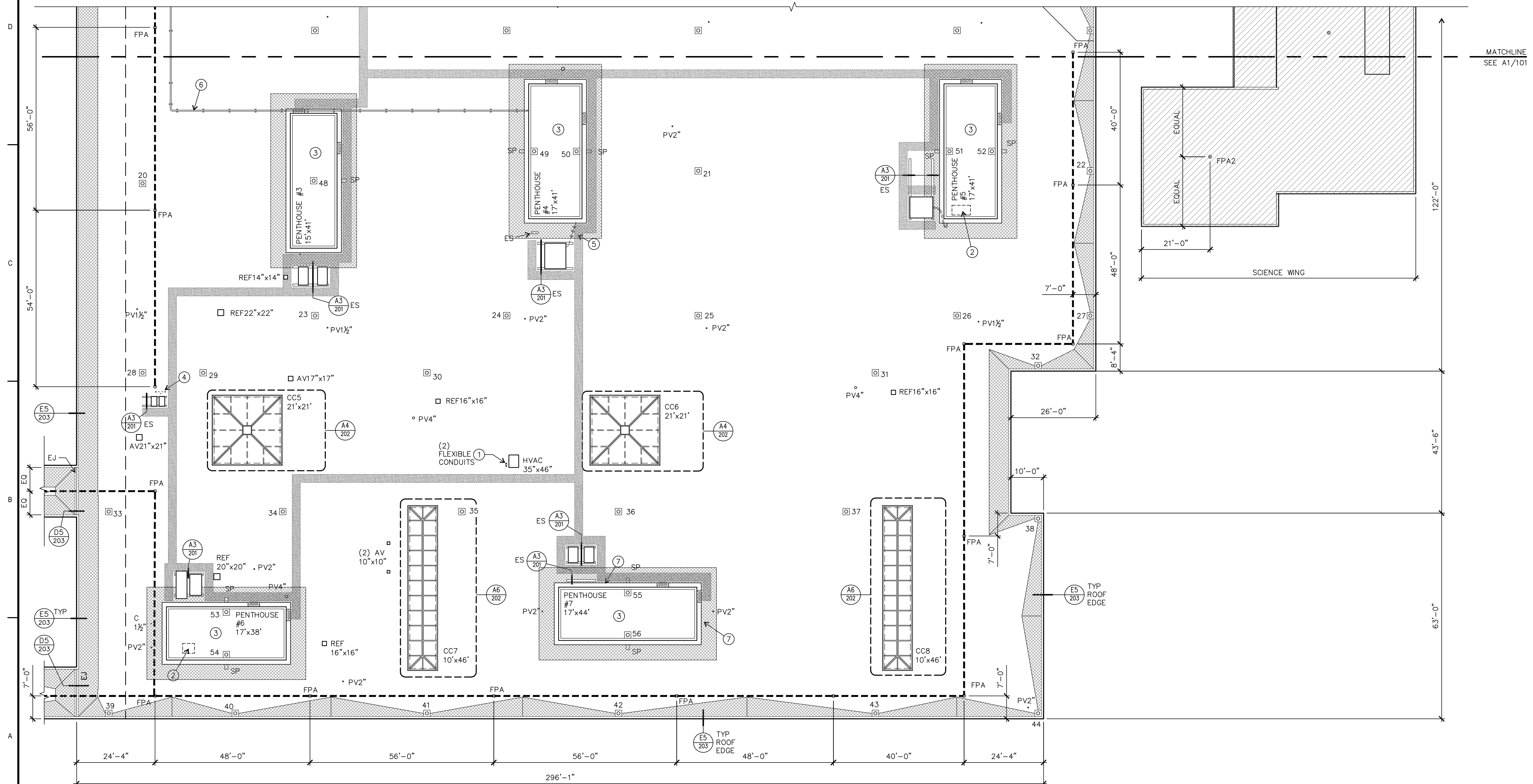
- REMOVE AIR VENTS, ROOF VENTS AND OTHER EQUIPMENT AS REQUIRED TO EXTEND CURBS AND INSTALL FLASHINGS AS INDICATED ON DRAWINGS. REPLACE MOPPED-IN COLLAR FLASHINGS WITH NEW. PROVIDE DISCONNECT SWITCHES AT ROOF EXHAUST FANS PER SECTION 26 05 00.
- INSTALL NEW VAPOR RETARDER, INSULATION, COVER BOARD, SINGLE-PLY ROOF, FLASHINGS, AND OTHER ITEMS AS DETAILED AND SPECIFIED.
- REINSTALL EQUIPMENT AND FLASHINGS SALVAGED FOR REUSE. PAINT NEW AND EXISTING ROOFTOP EQUIPMENT AND SHEET METAL EXCEPT PRE-FINISHED METAL.
- EXTEND CURBS, PLUMBING VENTS, AND OTHER ITEMS WHERE NECESSARY AS INDICATED IN DETAILS.
- QUANTITIES AND LOCATIONS OF ROOF MOUNTED EQUIPMENT ARE BASED ON CASUAL OBSERVATION AND ORIGINAL CONSTRUCTION DOCUMENTS. VERIFY ACTUAL QUANTITIES AND LOCATIONS.
- LOCATIONS OF FALL PROTECTION ANCHORS ARE BASED ON ASSUMED CENTER LINES OF EXISTING GLU-LAM BEAMS. VERIFY ACTUAL LOCATIONS OF BEAMS PRIOR TO INSTALLING ANCHORS. NOTIFY ARCHITECT IF ANCHOR LOCATIONS MUST BE ADJUSTED DUE TO BEAM-MOUNTED CONDUIT OR OTHER ITEMS THAT MAY INTERFERE WITH INSTALLATION.
- REFER TO C3/202 FOR LOCATION OF FALL PROTECTION ANCHORS WHERE ACCESS TO STRESSED SKIN PANELS OCCURS FROM BELOW, REFER TO C1/202 WHERE ACCESS FROM BELOW IS LIMITED BY PLASTER OR GYPSUM BOARD CEILINGS.
- REPLACE (E) WOOD CONDUIT AND PIPING SUPPORTS WITH NON-PENETRATING PEDESTALS.

**ROOF PLAN LEGEND**



**KEYED NOTES**

- PROVIDE SS PENETRATION BOX AT FLEXIBLE CONDUITS (B2/203)
- PATCH ROOF HATCH OPENING W/ PLYWD SHEATHING; PROVIDE 2x BLOCKING AROUND OPENING AT 24" OC TO SUPPORT SHEATHING
- SEE (E1/101) FOR TYPICAL PENTHOUSE ROOF PLAN.
- (5) CONDUIT & CONDENSATE LINE PENETRATIONS (E1/201)
- (3) (E) PIPE SUPPORT PEDESTALS
- (E) 2 1/2" Ø CONDUIT; PROVIDE NON-PENETRATING PEDESTALS
- EXTEND CONDENSATE DRAIN (D3/201)

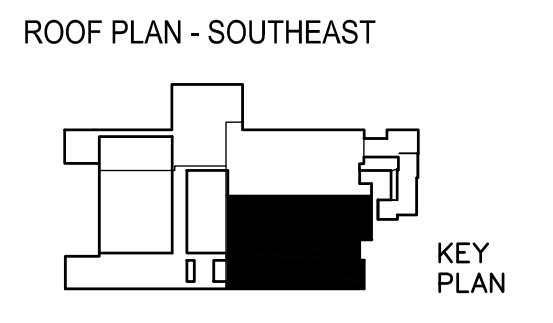


**A1** ROOF PLAN - SOUTHEAST  
102 1/16" = 1'-0"

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**GENERAL NOTES** REFER ALSO TO GENERAL NOTES ON SHEET 002

- REMOVE AIR VENTS, ROOF VENTS AND OTHER EQUIPMENT AS REQUIRED TO EXTEND CURBS AND INSTALL FLASHINGS AS INDICATED ON DRAWINGS. REPLACE MOPPED-IN COLLAR FLASHINGS WITH NEW. PROVIDE DISCONNECT SWITCHES AT ROOF EXHAUST FANS PER SECTION 26 05 00.
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- REFER TO C3/202 FOR LOCATION OF FALL PROTECTION ANCHORS WHERE ACCESS TO STRESSED SKIN PANELS OCCURS FROM BELOW, REFER TO C1/ 202 WHERE ACCESS FROM BELOW IS LIMITED BY PLASTER OR GYPSUM BOARD CEILINGS.
- REPLACE (E) WOOD CONDUIT AND PIPING SUPPORTS WITH NON-PENETRATING PEDESTALS.

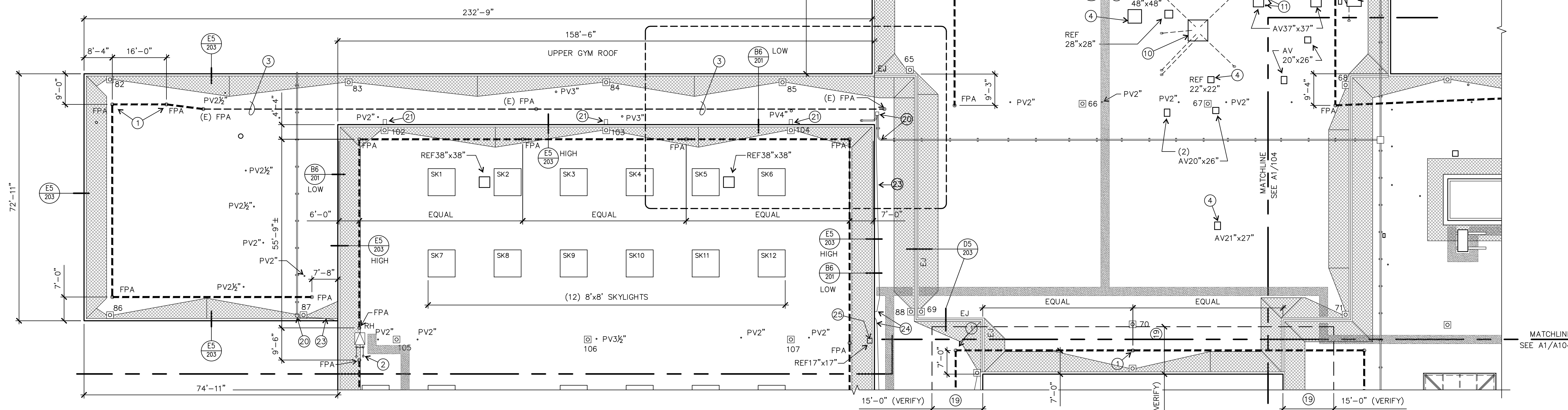
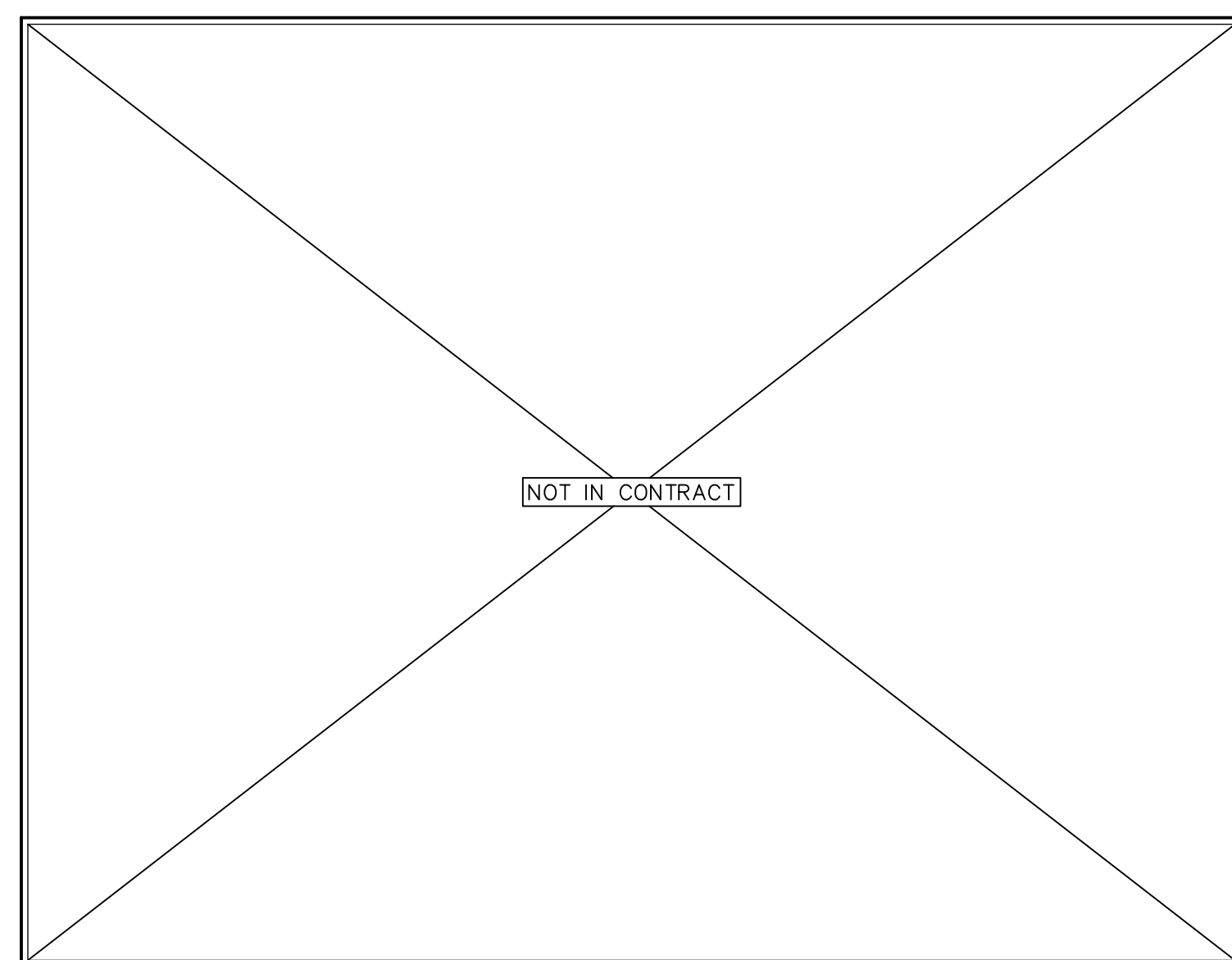
**KEYED NOTES**

- PLASTER CEILING / NO ACCESS FROM BELOW; INSTALL FALL PROTECTION ANCHOR PER (C1/202)
- LIQUID FLASHING AT (4) (E) ROOF HATCH SAFETY RAILING POSTS (B3/201)
- (E) HORIZONTAL LIFELINE TO REMAIN
- (E) CONDUIT OR CONDENSATE DRAIN THROUGH HVAC CURB (A3/203)
- (E) 1" PIPE VENT; (5) TOTAL (E1/201)
- (E) 18" FLUE PIPE (A2/203)
- (E) 35"x35" SM CAP ON CURB W/ FLUE PIPE; RAISE CURB & REINSTALL STORM COLLAR (A2/201) SIM
- (E) 20"x20" SM CAP ON CURB W/ FLUE PIPE (E2/201)
- (E) 26"x26" SM CAP ON W/ (3) PLASTIC VENT PIPES (E3/201)
- (E) 70"x74" SM ASSEMBLY W/ (6) GUY WIRES; FLASH CURB PER (E3/201) PROVIDE LIQUID FLASHING AT EACH GUY WIRE
- PROVIDE 6"x6" WALKPAD BETWEEN (2) EXISTING 4" SQ DUCT SUPPORT PADS
- (E) 3/2" FITTED GAS PIPE; MODIFY PER (A1/203)
- (E) RAD UNIT MOUNTED ON SM CURB CAP; FLASH CURB PER AND PROVIDE LIQUID FLASHING (2) STEEL ANGLE SUPPORTS (E3/201)
- 12"x18" HVAC CURB (A4/201)
- PROVIDE PENETRATION BOX AT (E) REFRIGERANT LINES/ CONDUIT PENETRATION (B2/203)
- (E) CABLE LEAVING (E) CONDUIT & ROUTED TO WALL
- (E) 3/2" & 2" GAS PIPING PENETRATIONS; FLASH PER (A3/203)
- (E) 1 1/2" PIPE MAST; FLASH PER (E1/201) & PROVIDE GUY WIRE FASTENED TO ROOF DECK; FLASH W/ LIQUID FLASHING
- OMIT FLAT INSULATION ON ROOFS OVER EXTERIOR SPACES
- (E) 2 1/2" CONDUIT & SM JUNCTION BOX; PROVIDE NON-PENETRATING PEDESTALS UNDER BOTH BOX & CONDUIT
- (E) DOWNSPOUT NOZZLE (B5/201) W/ SPLASHPAN (E5/201)
- SEE (A1/101) FOR TYPICAL PENTHOUSE ROOF PLAN
- (E) LOOSE COMMUNICATIONS CABLE
- (E) COMMUNICATIONS CABLE PENETRATING COUNTERFLASHING AT WALL
- (E) CONDENSATE PENETRATING COUNTERFLASHING (VERIFY)

**ROOF PLAN LEGEND**

- NOTE: SIZES OF ROOF PENETRATIONS AND CURBS INDICATED IN INCHES.
- WALKWAY PADS
  - TAPERED INSULATION AT ROOF EDGES, EXPANSION JOINTS, AND PENTHOUSES; SEE (C1/201) FOR TYPICAL TAPERED INSULATION PLAN
  - HORIZONTAL LIFELINE
  - ROOF DRAIN (Individually numbered) (C3/201)

- (E) AIR VENTILATOR (E3/201) SIM
- (E) EQUIPMENT SUPPORT CURB (A3/201)
- (E) EXPANSION JOINT (D5/203)
- FALL PROTECTION ANCHOR (C1/201)
- (E) PLUMBING VENT (E1/201)
- (E) ROOF EXHAUST FAN (E3/201) SIM
- (E) ROOF HATCH (E3/201) SIM
- SKYLIGHT (Individually numbered) (A5/201)
- SPLASH PAN (E5/201)



**A1** ROOF PLAN - NORTHWEST  
103 1/16" = 1'-0"

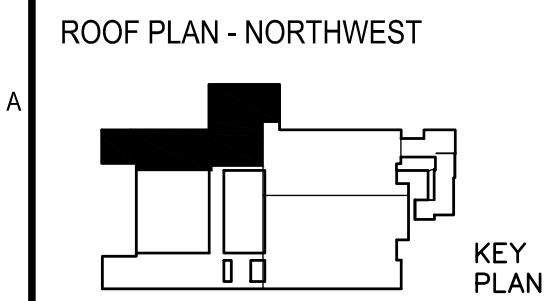
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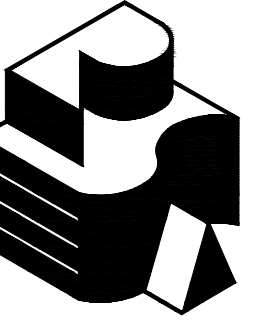


**SHELDON HIGH SCHOOL ROOFING 2020**  
**EUGENE SCHOOL DISTRICT 4J**  
**C.I.P. NO. 420-652-209**

MARK	DATE	DESCRIPTION

ISSUE DATE: 24 FEBRUARY 2020  
ISSUE: CONSTRUCTION DOCUMENTS  
PROJECT NO: 1901  
DRAWN BY: BDH  
CHECKED BY: JMR  
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**GENERAL NOTES** REFER ALSO TO GENERAL NOTES ON SHEET 002

1. REMOVE AIR VENTS, ROOF VENTS AND OTHER EQUIPMENT AS REQUIRED TO EXTEND CURBS AND INSTALL FLASHINGS AS INDICATED ON DRAWINGS. REPLACE MOPPED-IN COLLAR FLASHINGS WITH NEW. PROVIDE DISCONNECT SWITCHES AT ROOF EXHAUST FANS PER SECTION 26 05 00.
2. INSTALL NEW INSULATION, COVER BOARD, SINGLE-PLY ROOF, FLASHINGS, AND OTHER ITEMS AS DETAILED AND SPECIFIED.
3. REINSTALL EQUIPMENT AND FLASHINGS SALVAGED FOR REUSE. PAINT NEW AND EXISTING ROOFTOP EQUIPMENT AND SHEET METAL EXCEPT PRE-FINISHED METAL.
4. EXTEND CURBS, PLUMBING VENTS, AND OTHER ITEMS WHERE NECESSARY AS INDICATED IN DETAILS.
5. QUANTITIES AND LOCATIONS OF ROOF MOUNTED EQUIPMENT ARE BASED ON CASUAL OBSERVATION AND ORIGINAL CONSTRUCTION DOCUMENTS. VERIFY ACTUAL QUANTITIES AND LOCATIONS.
6. LOCATIONS OF FALL PROTECTION ANCHORS ARE BASED ON ASSUMED CENTER LINES OF EXISTING GLU-LAM BEAMS. VERIFY ACTUAL LOCATIONS OF BEAMS PRIOR TO INSTALLING ANCHORS. NOTIFY ARCHITECT IF ANCHOR LOCATIONS MUST BE ADJUSTED DUE TO BEAM-MOUNTED CONDUIT OR OTHER ITEMS THAT MAY INTERFERE WITH INSTALLATION.
7. REFER TO C3/202 FOR LOCATION OF FALL PROTECTION ANCHORS WHERE ACCESS TO STRESSED SKIN PANELS OCCURS FROM BELOW. REFER TO C1/202 WHERE ACCESS FROM BELOW IS LIMITED BY PLASTER OR GYPSUM BOARD CEILINGS.
8. REPLACE (E) WOOD CONDUIT AND PIPING SUPPORTS WITH NON-PENETRATING PEDESTALS.

**ROOF PLAN LEGEND**

- NOTE: SIZES OF ROOF PENETRATIONS AND CURBS INDICATED IN INCHES.
- WALKWAY PADS
  - TAPERED INSULATION AT ROOF EDGES, EXPANSION JOINTS, AND PENTHOUSES; SEE D1 FOR TYPICAL INSULATION PLAN
  - HORIZONTAL LIFELINE
  - 31 ROOF DRAIN (individually numbered) C3/201
  - AV (E) AIR VENTILATOR E3/201 SIM
  - ES (E) EQUIPMENT SUPPORT CURB E3/201
  - EJ (E) EXPANSION JOINT D5/203
  - FPA FALL PROTECTION ANCHOR C1/201
  - PV (E) PLUMBING VENT E1/201
  - REF (E) ROOF EXHAUST FAN E3/201
  - SK SKYLIGHT (individually numbered) A5/201
  - SP SPLASH PAN E5/201

**KEYED NOTES**

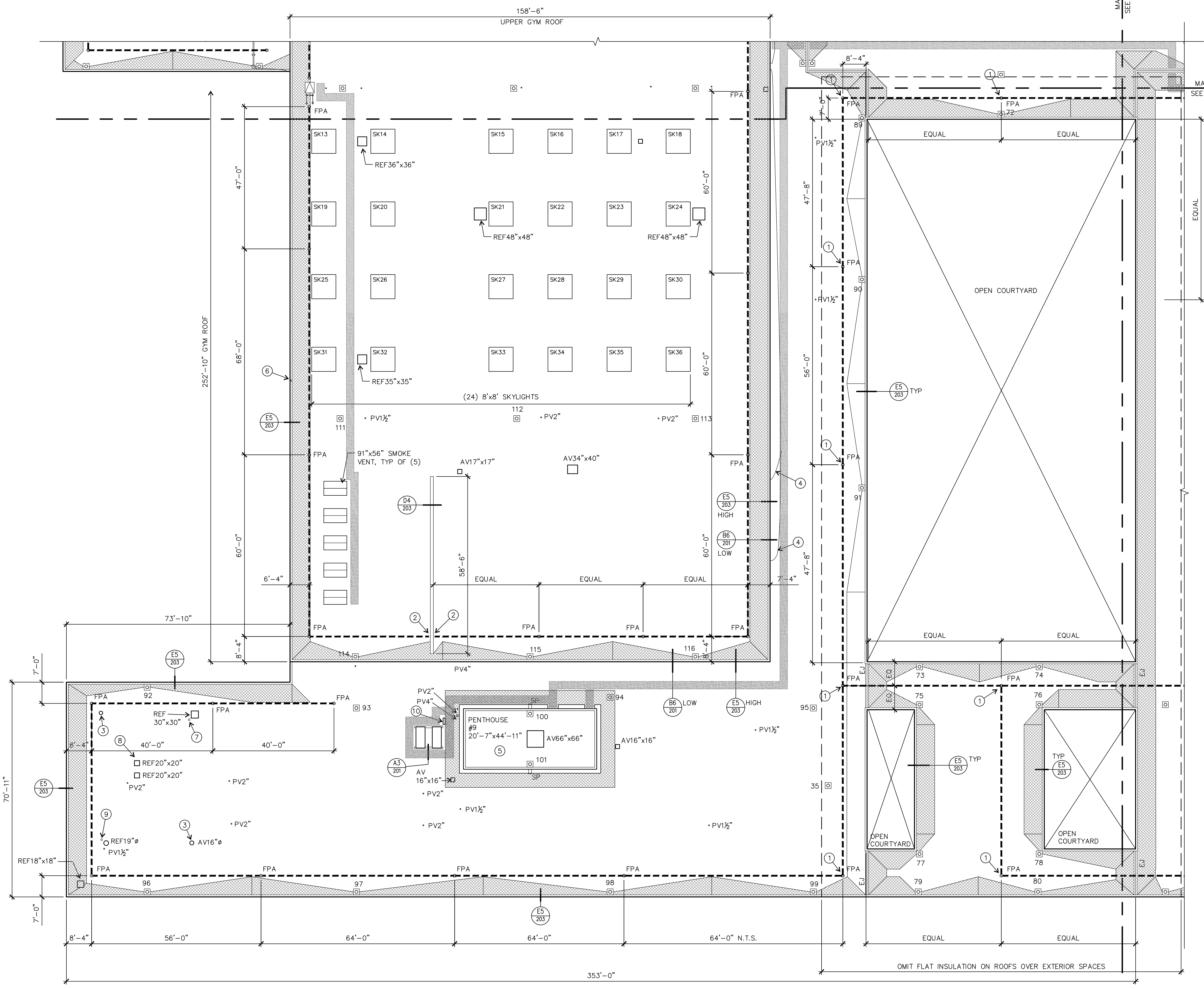
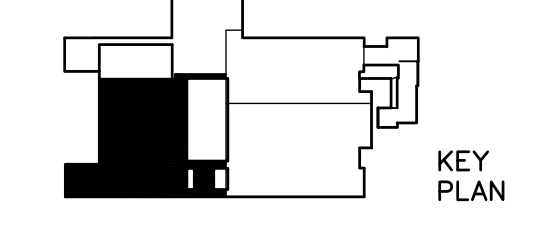
- 1 PLASTER CEILING / NO ACCESS FROM BELOW; INSTALL FALL PROTECTION ANCHOR PER C1/202
- 2 WALL ANCHOR AT (E) CONC WALL E4/203
- 3 (E) 16" AV E1/201
- 4 LOOSE COMMUNICATIONS CABLE PENETRATING CNTRFLASHG & (E) LOUVER
- 5 SEE A1/101 FOR TYPICAL PENTHOUSE ROOF PLAN
- 6 REINSTALL (E) PHOTOCELL ON NEW SM FASCIA
- 7 PROVIDE LIQUID FLASHING AT (E) CONDUIT PENETRATION; REPLACE (E) OUTLET W/ GFCI OUTLET
- 8 (E) CONDUIT PENETRATION THRU CURB A3/203; REPLACE (E) OUTLET W/ GFCI OUTLET
- 9 PROVIDE LIQUID FLASHING AT (E) CONDUIT PENETRATION
- 10 EQUIPMENT CURB B4/203

**SHELDON HIGH SCHOOL ROOFING 2020**  
**EUGENE SCHOOL DISTRICT 4J**  
**C.I.P. NO. 420-652-209**

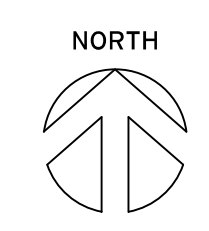
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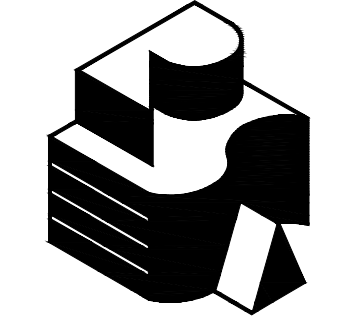
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ROOF PLAN - SOUTHWEST



**A1**  
**104**  
**ROOF PLAN - SOUTHWEST**  
 1/16" = 1'-0"





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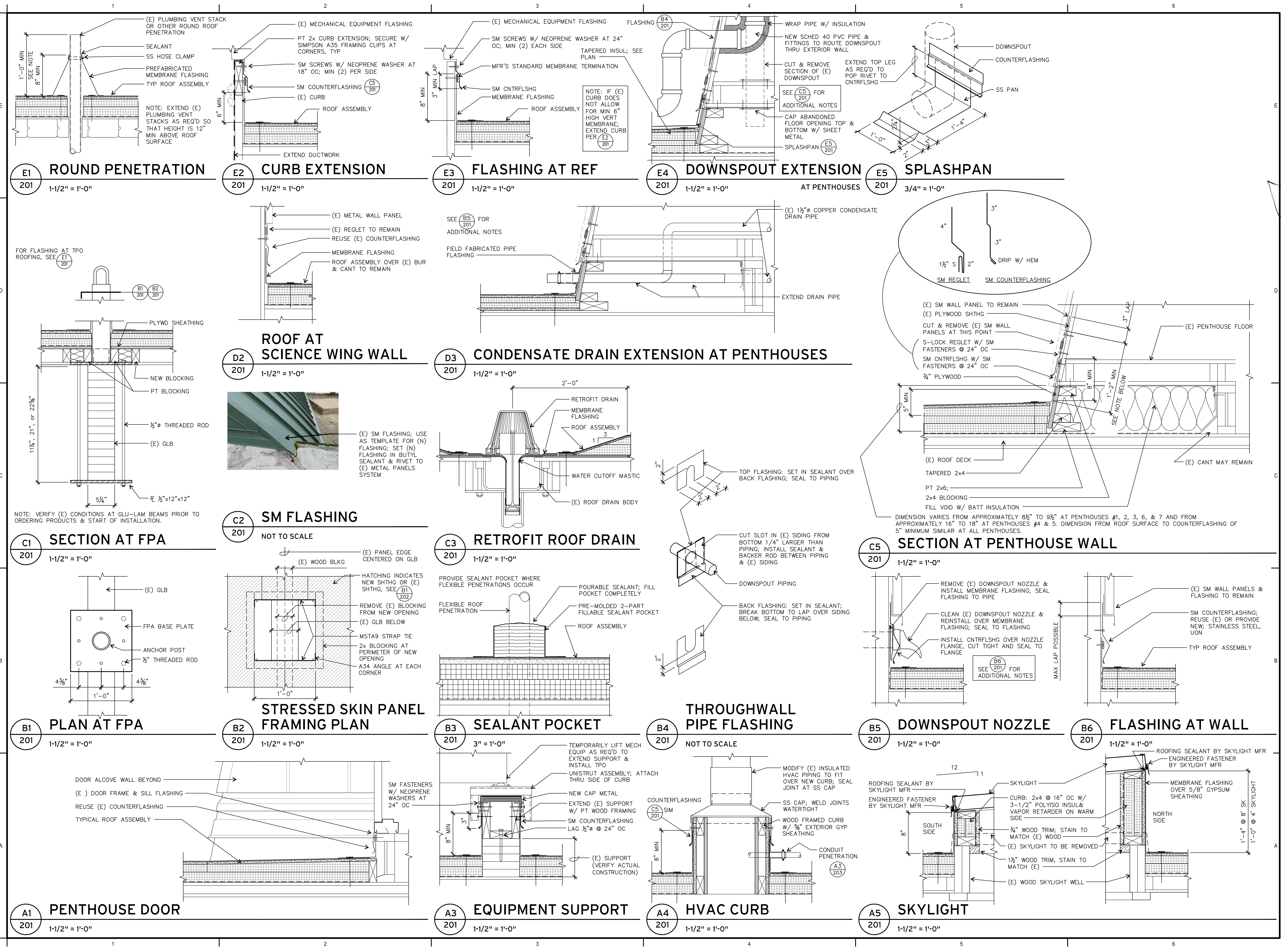
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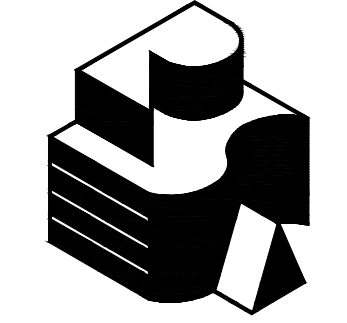
DETAILS

201









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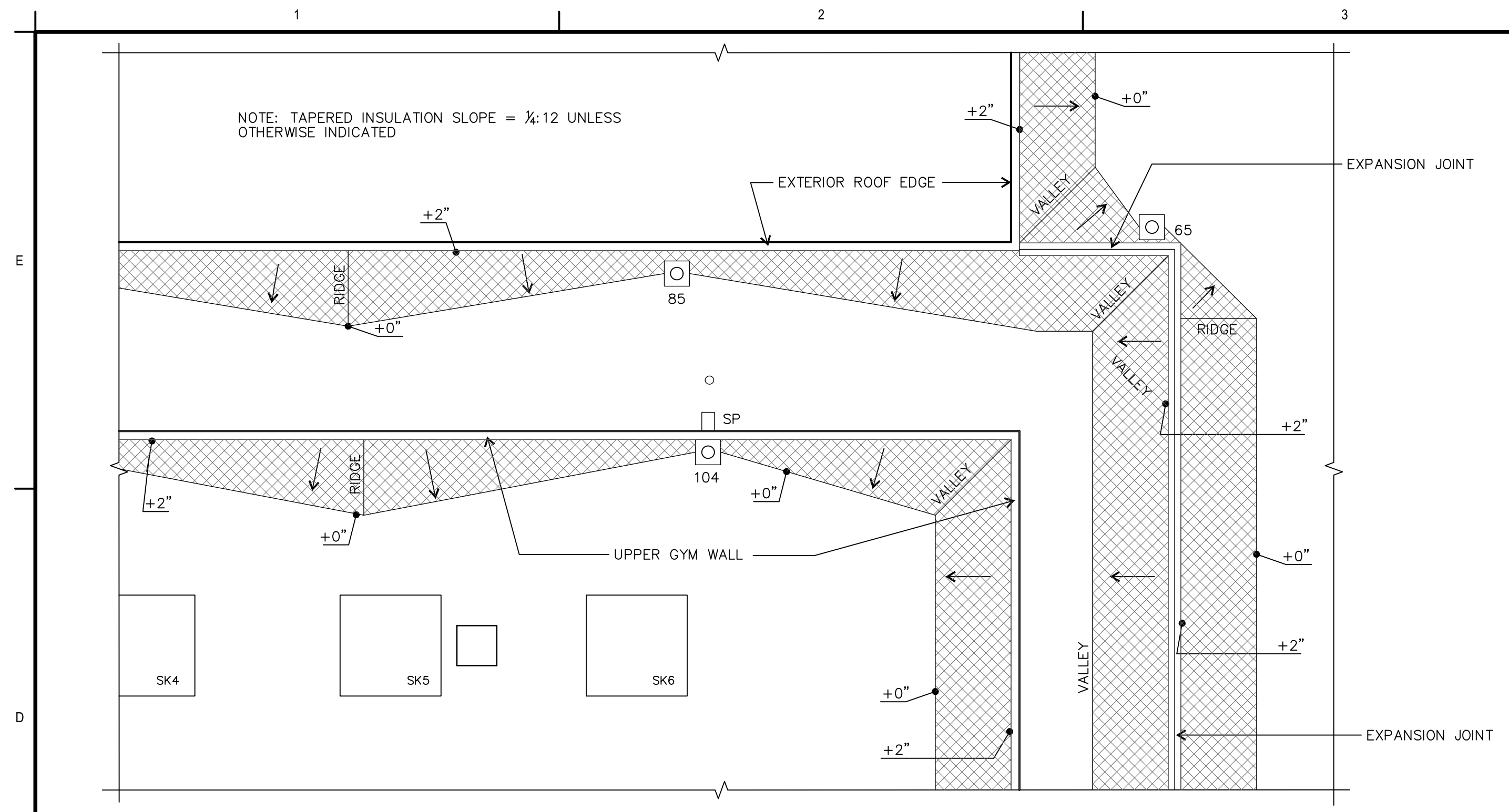
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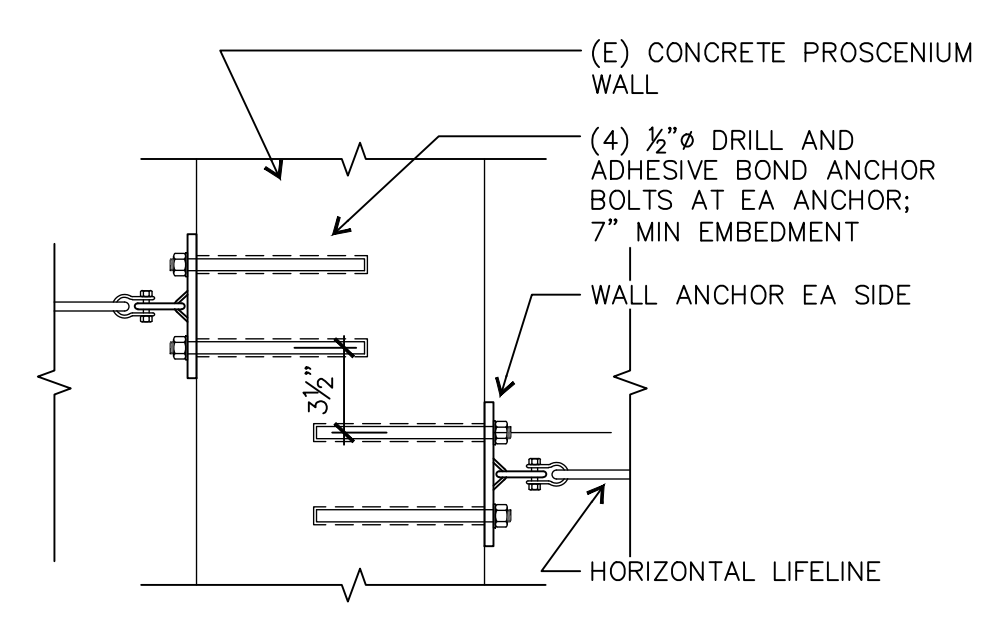
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DETAILS

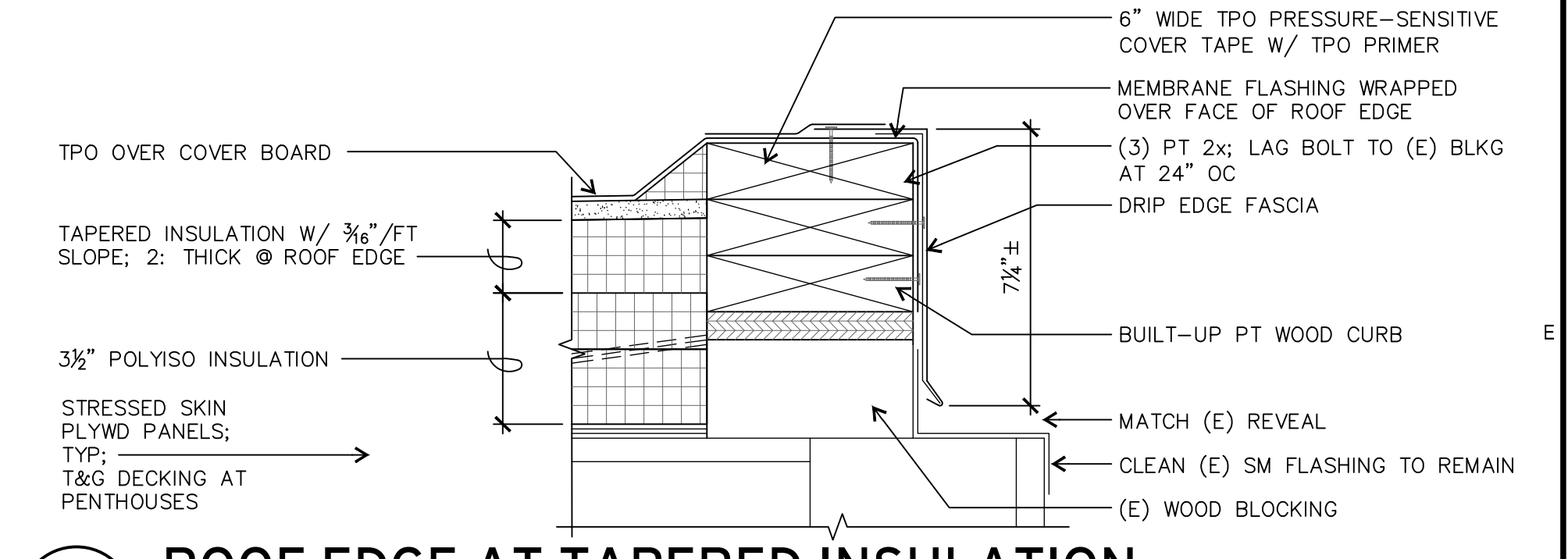
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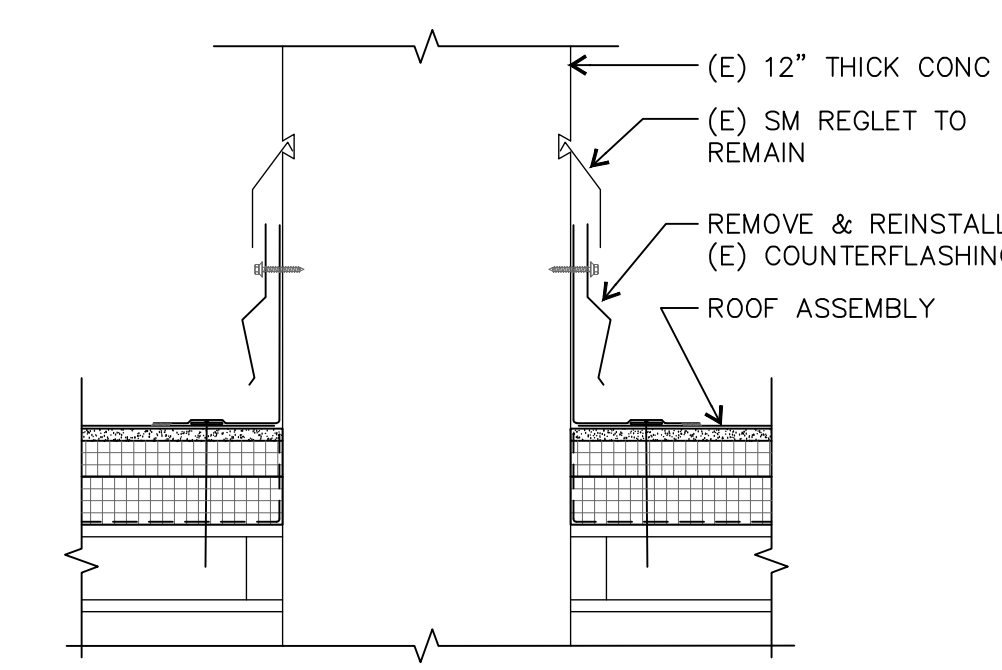
**D4**  
**203**  
 TYPICAL TAPERED INSULATION PLAN  
 3" = 1'-0"



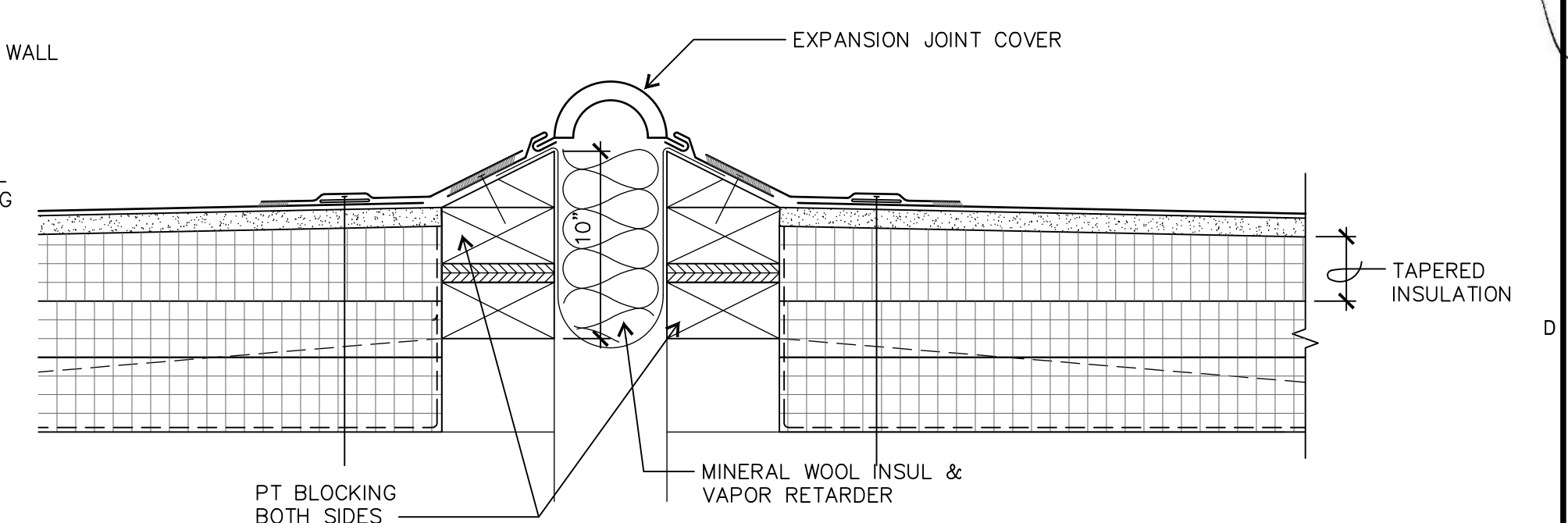
**E4**  
**203**  
 PLAN VIEW AT FPA WALL ANCHOR  
 1-1/2" = 1'-0"



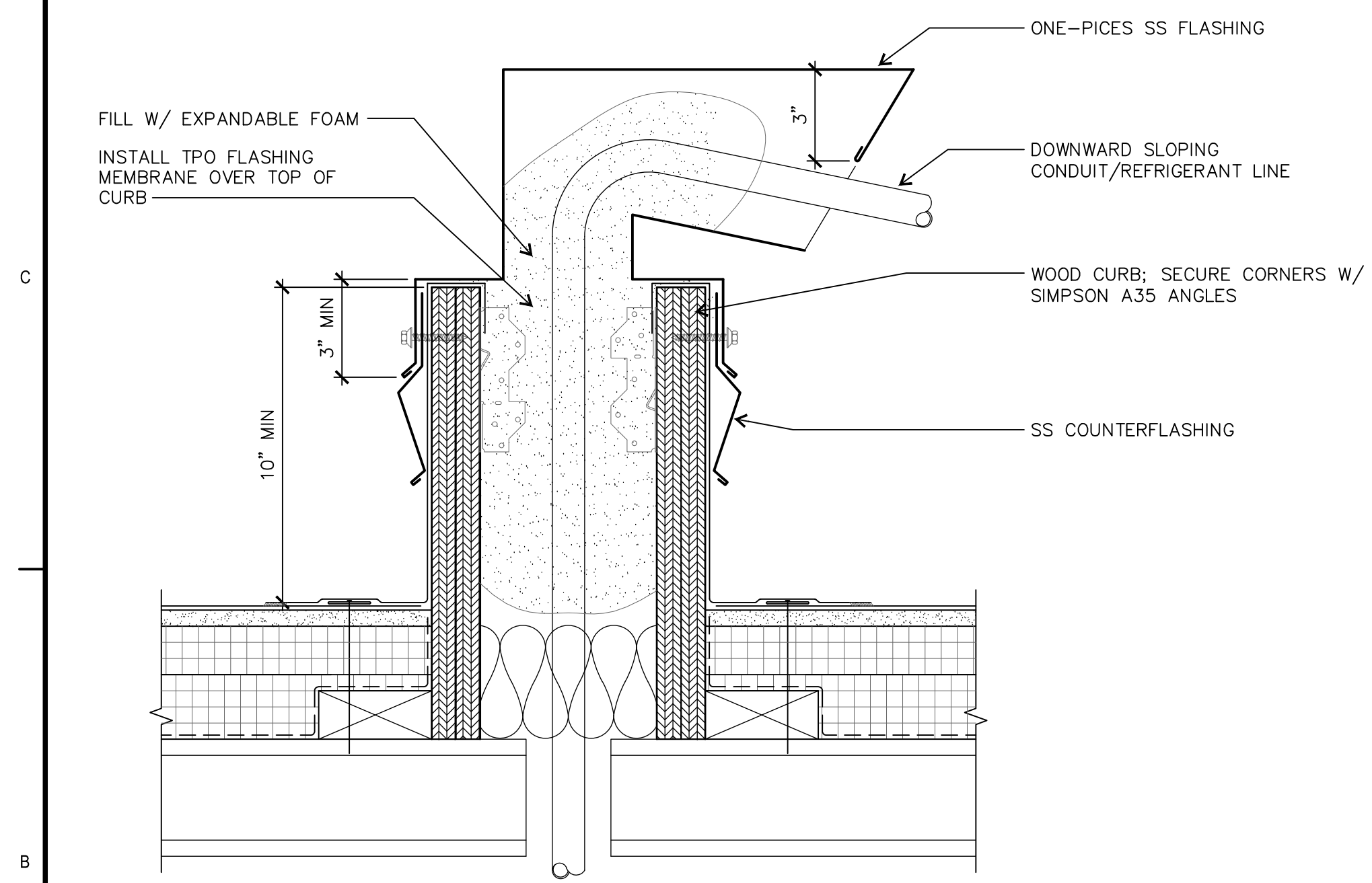
**E5**  
**203**  
 ROOF EDGE AT TAPERED INSULATION  
 3" = 1'-0"



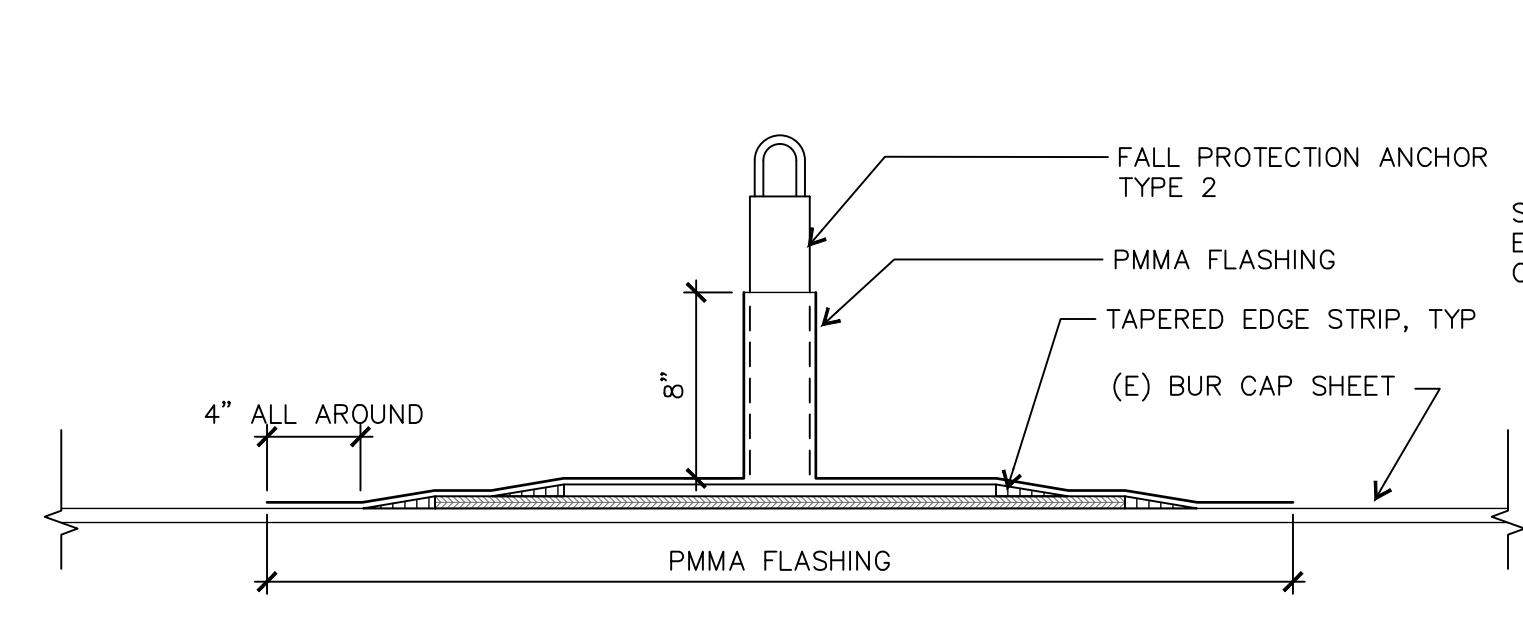
**D4**  
**203**  
 PROSCENIUM WALL  
 1-1/2" = 1'-0"



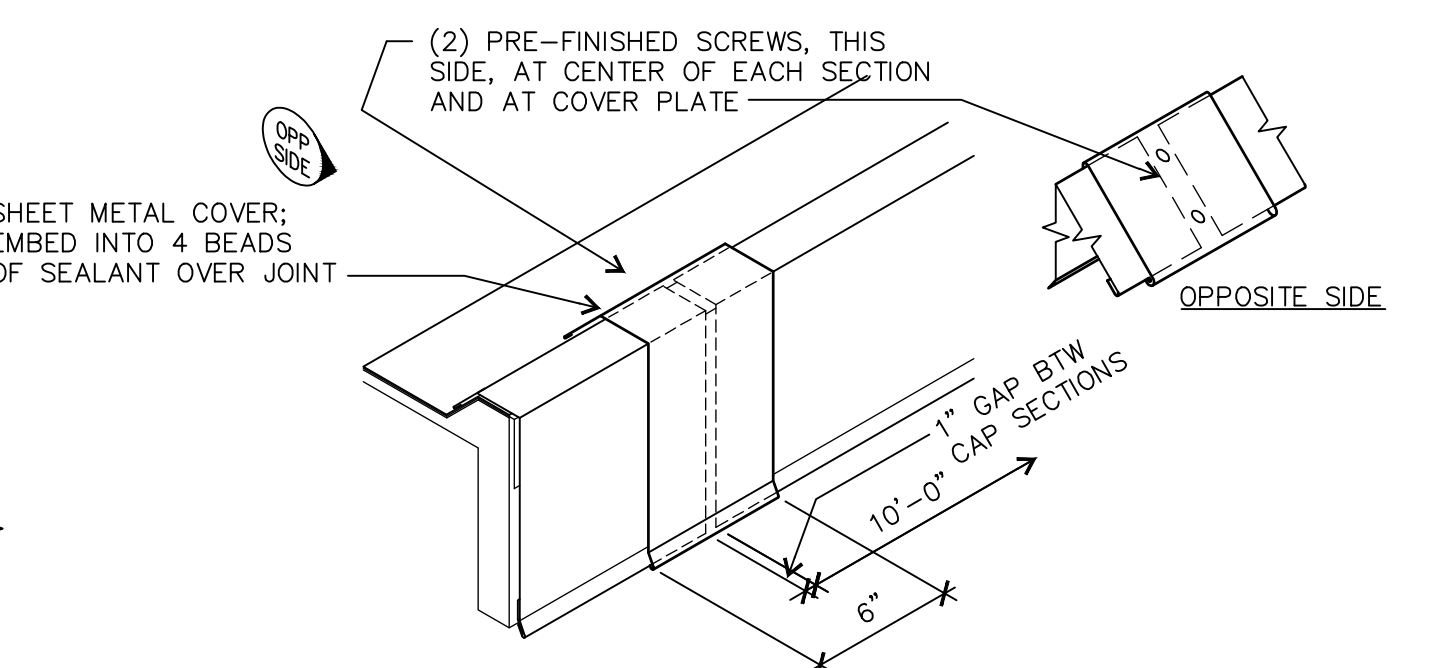
**D5**  
**203**  
 EXPANSION JOINT  
 3" = 1'-0"



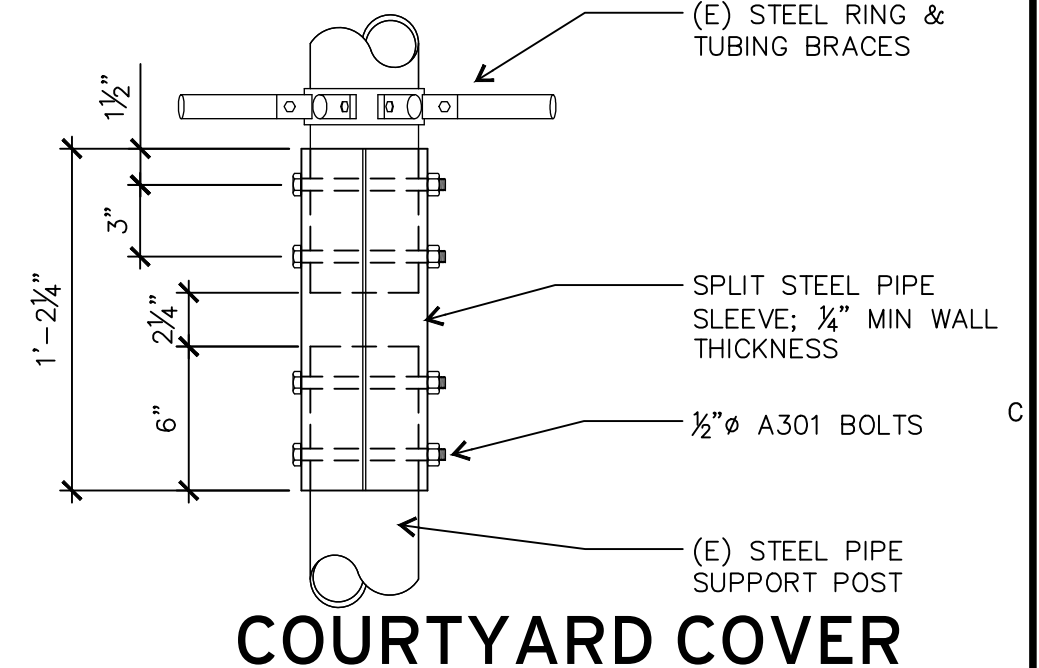
**B1**  
**203**  
 PENETRATION BOX  
 3" = 21'-0"



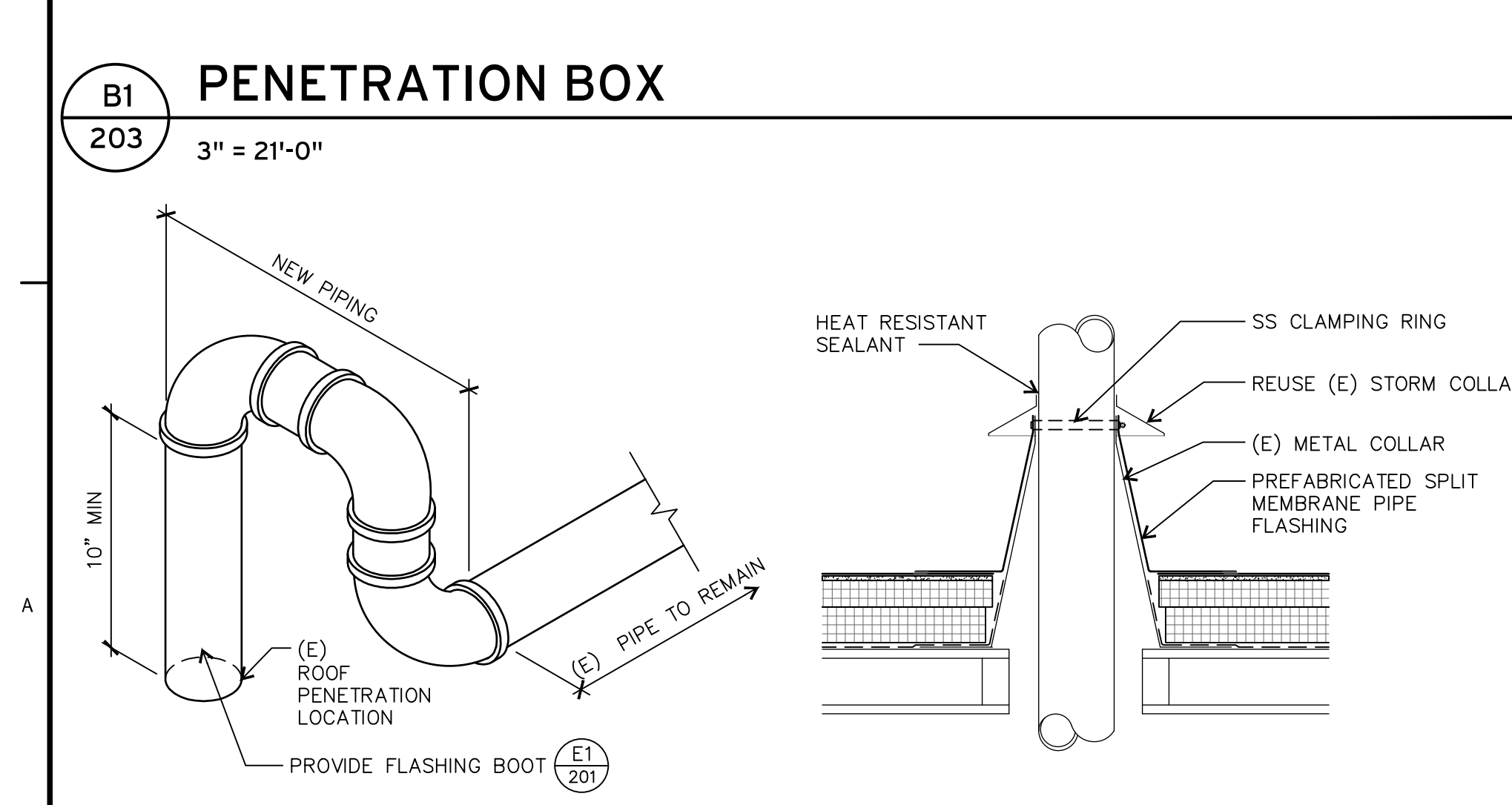
**C3**  
**203**  
 FPA2 FLASHING  
 1-1/2" = 1'-0"



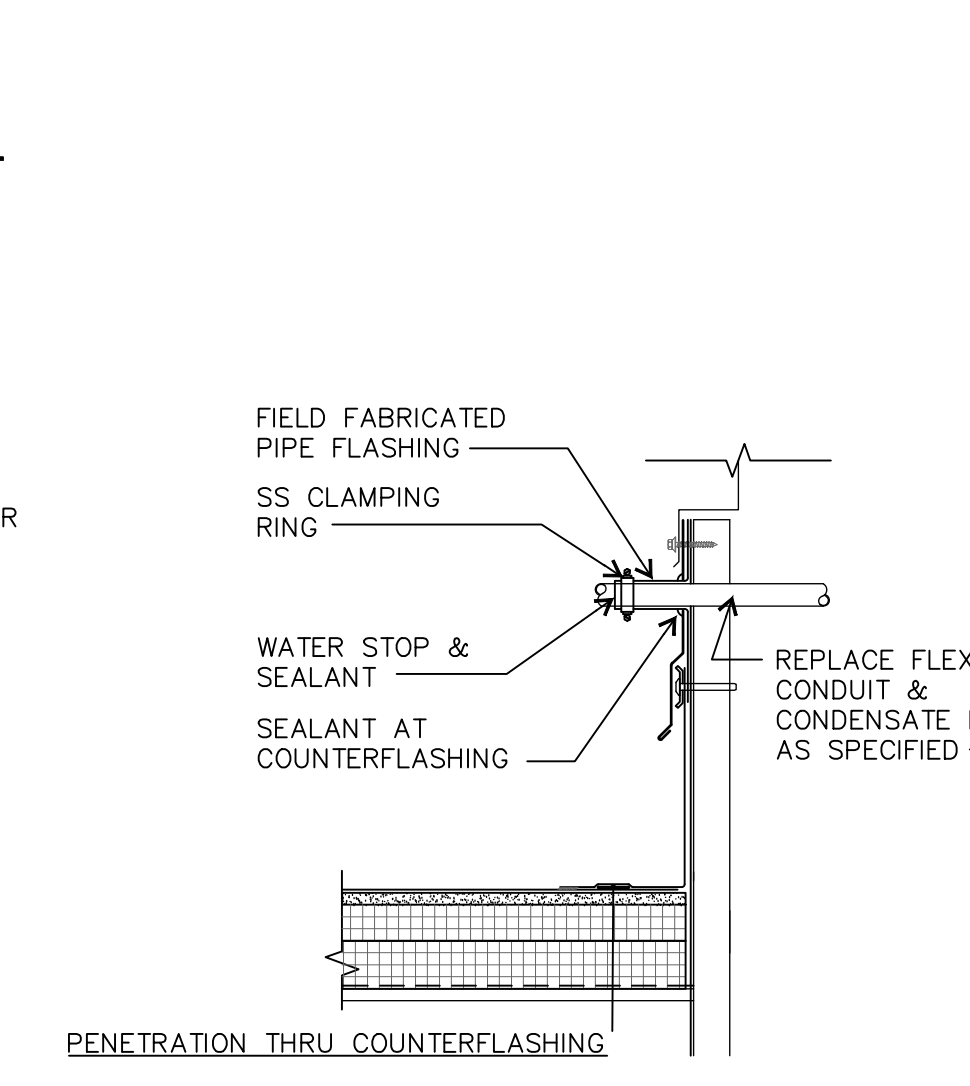
**C4**  
**203**  
 METAL EDGE COVER PLATE  
 NOT TO SCALE



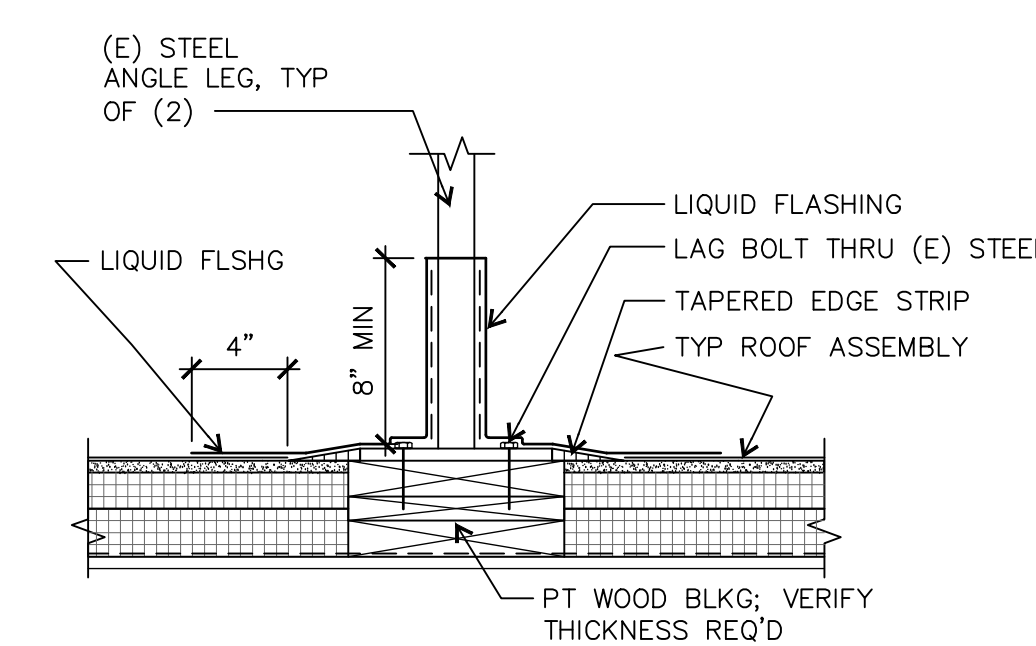
**C6**  
**203**  
 COURTYARD COVER SUPPORT POST  
 1-1/2" = 1'-0"



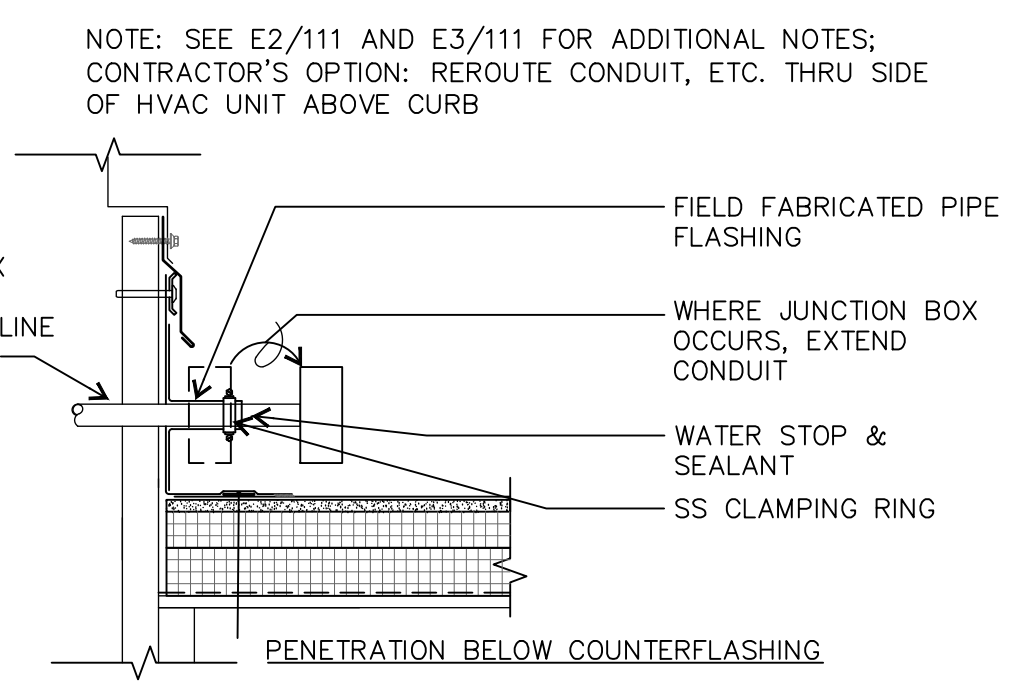
**A1**  
**203**  
 GAS PIPE RE-ROUTE  
 NOT TO SCALE



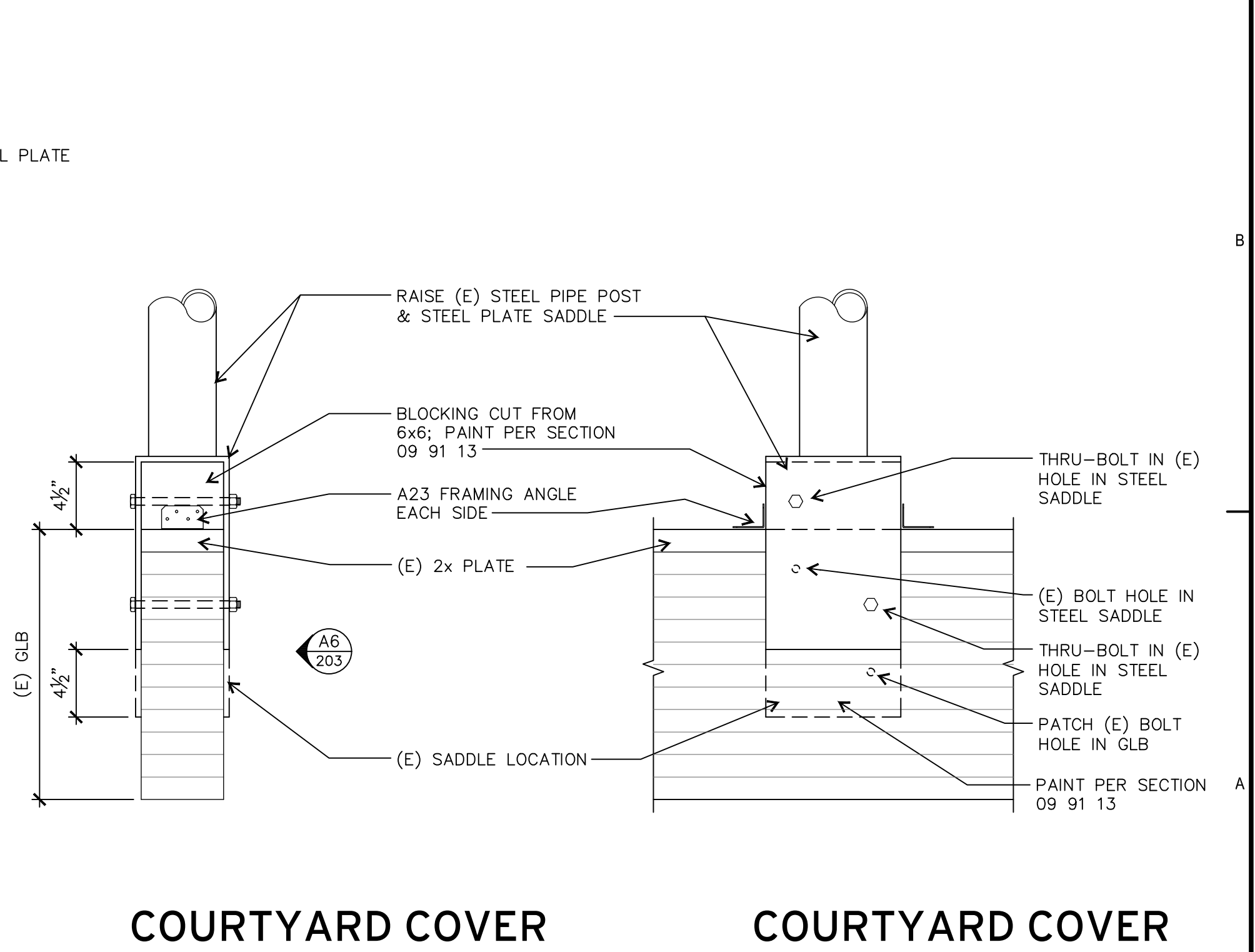
**A2**  
**203**  
 FLUE PIPE FLASHING  
 1-1/2" = 1'-0"



**B4**  
**203**  
 EQUIPMENT CURB  
 1-1/2" = 1'-0"



**A3**  
**203**  
 HORIZONTAL PENETRATION THROUGH CURB  
 1-1/2" = 1'-0"



**A5**  
**203**  
 COURTYARD COVER SUPPORT POST  
 1-1/2" = 1'-0"

**A6**  
**203**  
 COURTYARD COVER SUPPORT POST  
 1-1/2" = 1'-0"