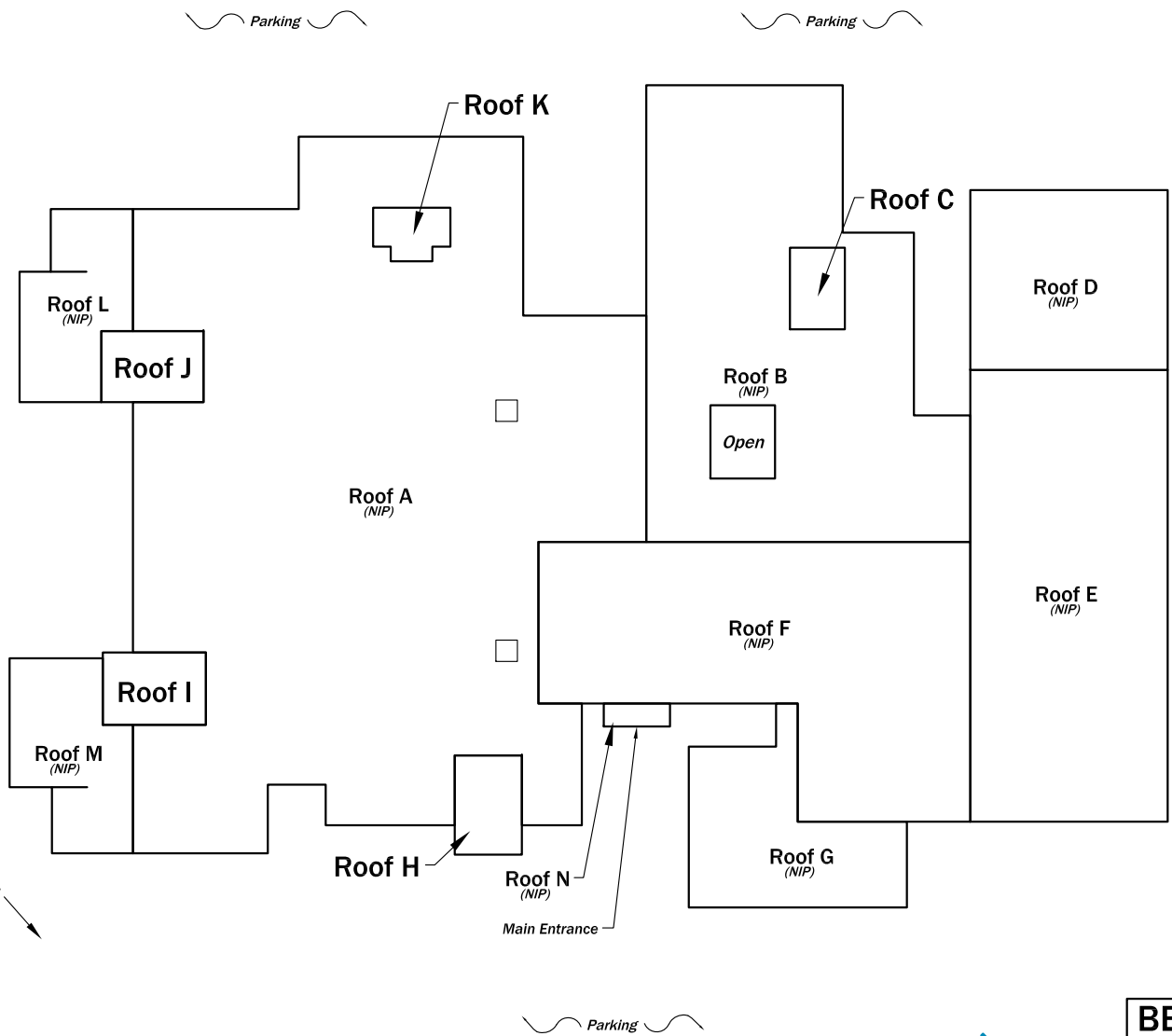
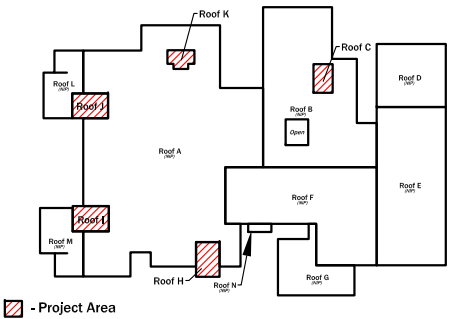


BEAVERTON SCHOOL DISTRICT
Five Oaks Middle School - Beaverton, OR
ROOF LAYOUT



Roofs in Project
B.U.R.
ROOF AREA SQ.FT.
(Approximate)

Roof C:	860 sf
Roof H:	1,252 sf
Roof I:	1,266 sf
Roof J:	1,236 sf
Roof K:	727 sf
Total:	5,341 sf

Five Oaks Middle School
1600 NW 173rd Ave
Beaverton, Oregon

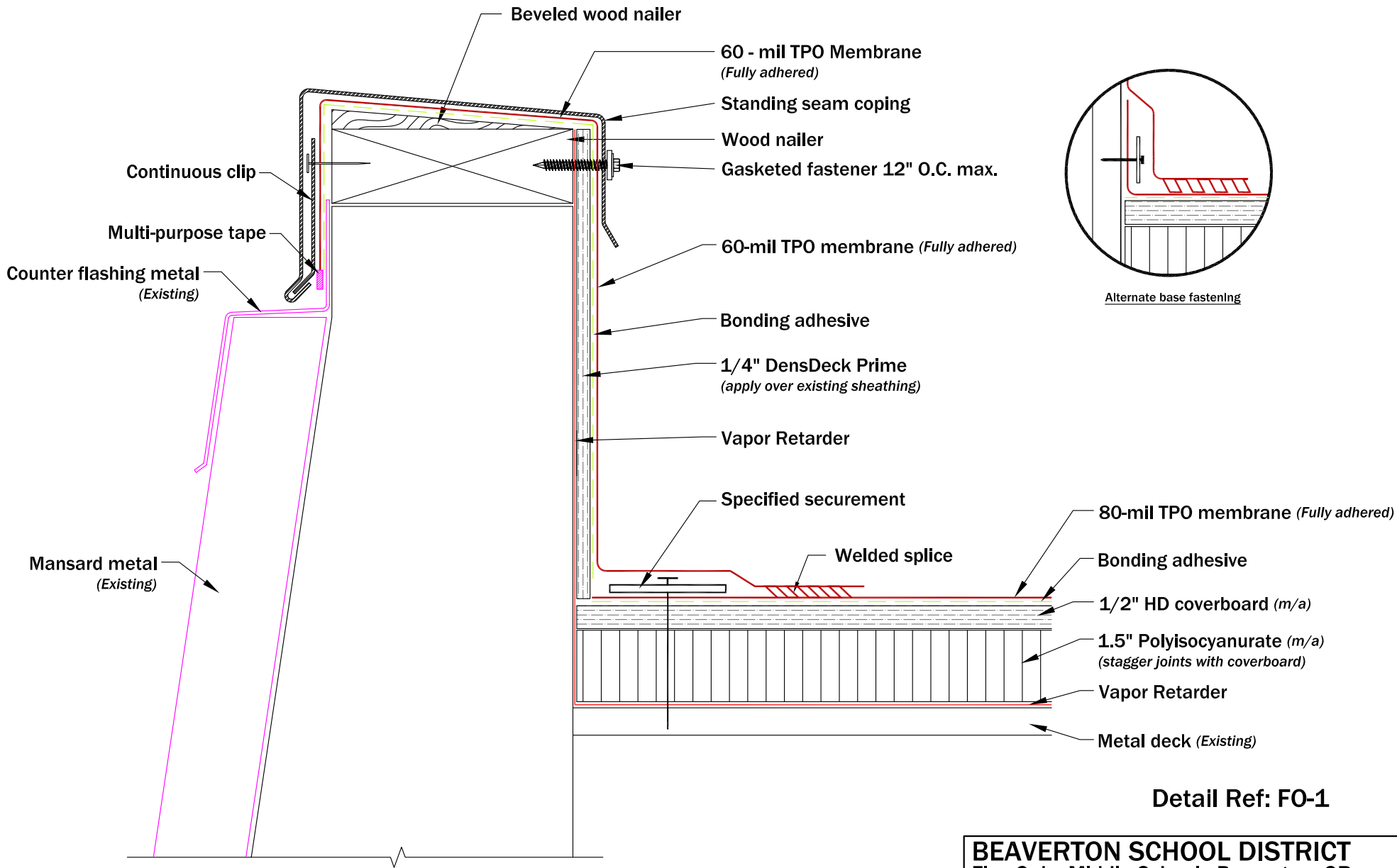
NIP = Not in Project

BEAVERTON SCHOOL DISTRICT
Five Oaks Middle School - Beaverton, OR

SCALE: NTS	1 of 1	DRAWN BY: D.V.G.
DATE: 1/21/22		REVISED: 2/11/22
A-TECH/NORTHWEST, INC. Portland & Prineville, Oregon 503-628-2882		
As-Built Dwg - Mechanical Penthouse Reroof		PROJECT NUMBER: 22048

NOTES:

(1) Add nailers to existing parapet to meet new height requirement.



Detail Ref: FO-1

Note: must meet manufactures requirements

BEAVERTON SCHOOL DISTRICT
Five Oaks Middle School - Beaverton, OR

SCALE: NTS

DATE: 1/21/22

1 of 12

DRAWN BY: D.V.G.

REVISED: 3/7/22

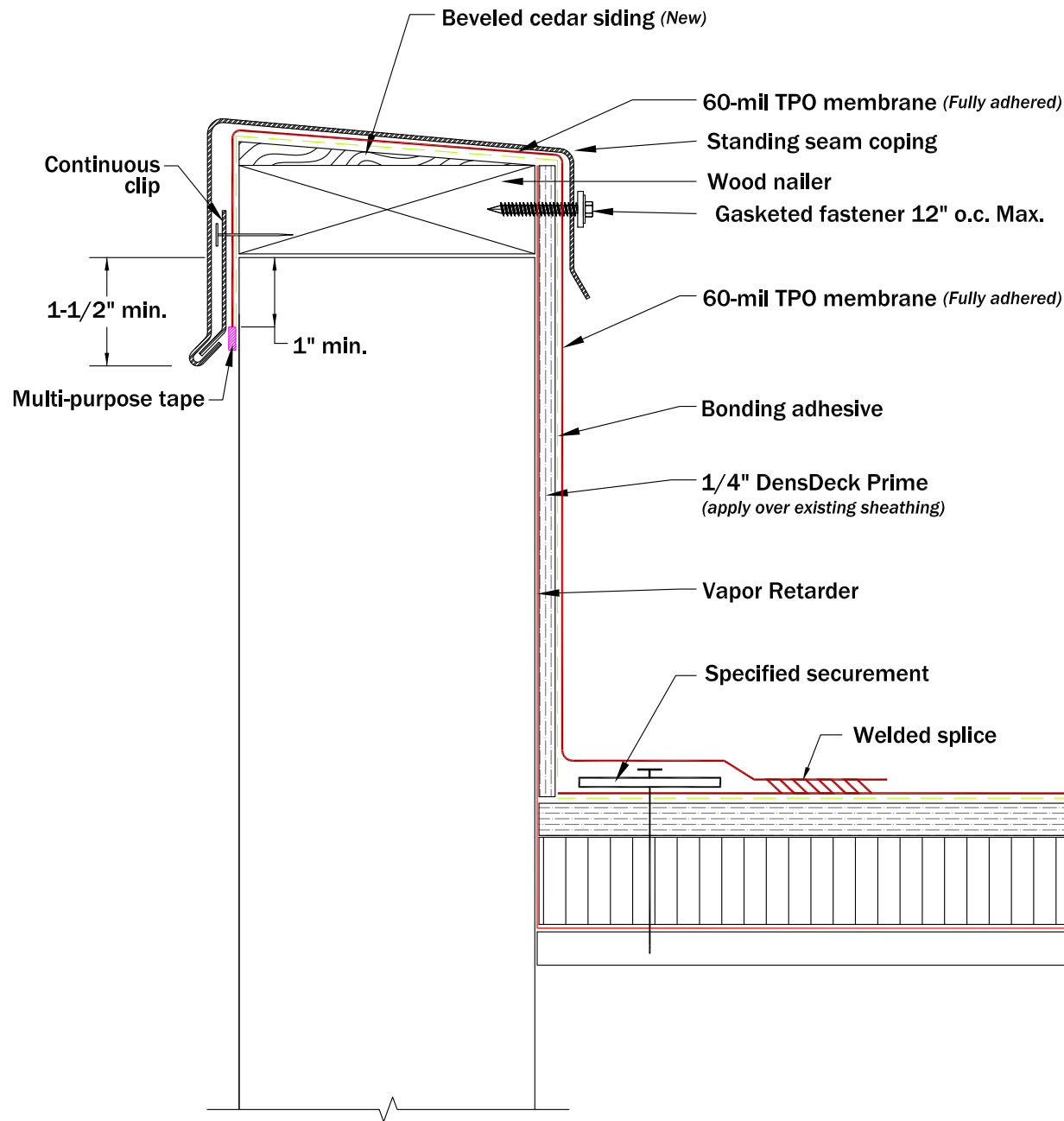
A-TECH/NORTHWEST, INC.

Portland & Prineville, Oregon 503-628-2882

Perimeter - Parapet & Coping - Detail

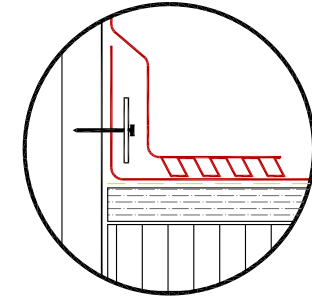


PROJECT NUMBER:
22048



NOTES:

(1) Add nailers to existing parapet to meet new height requirement.

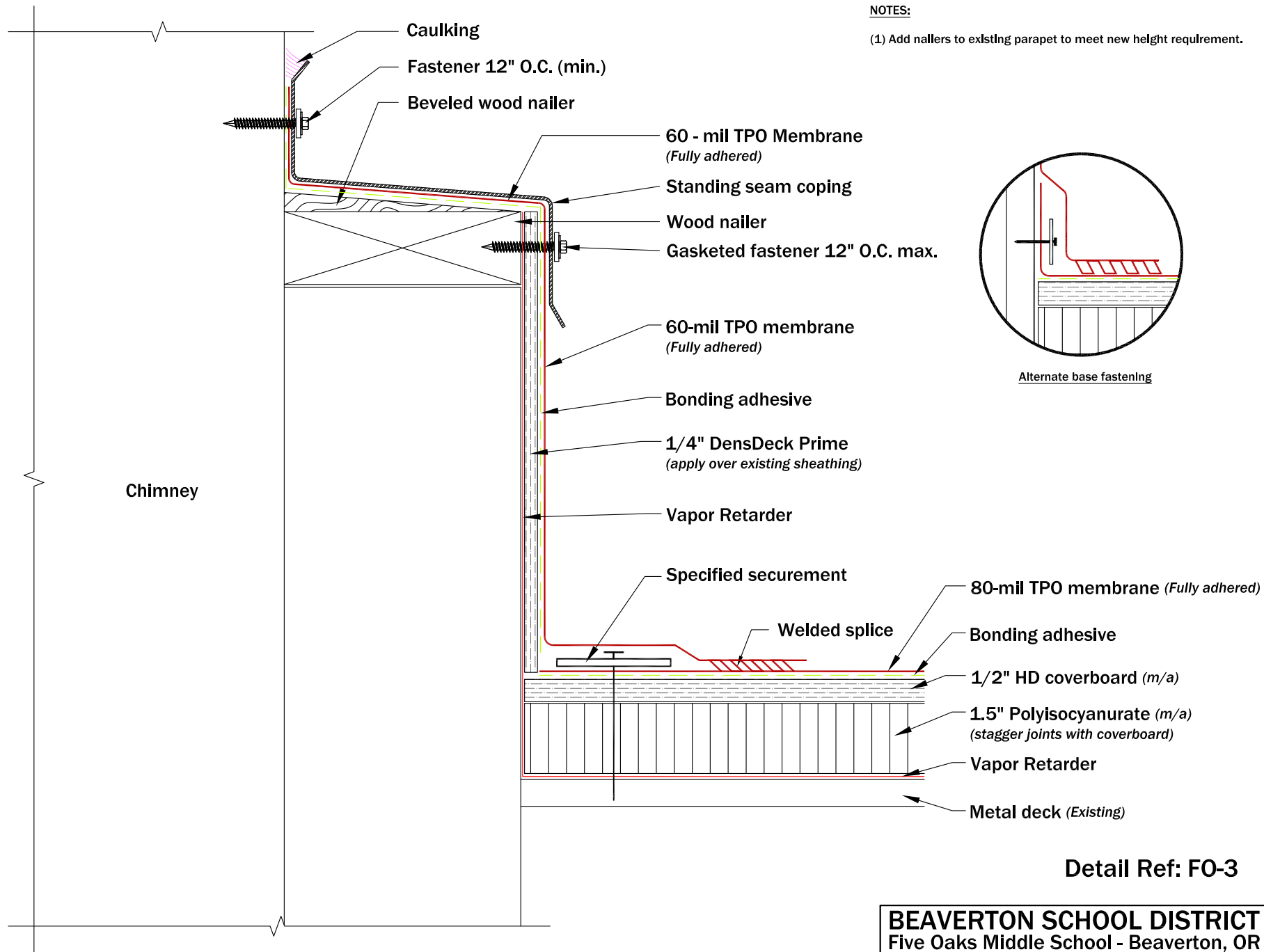


Alternate base fastening

Detail Ref: FO-2

Note: must meet manufactures requirements

BEAVERTON SCHOOL DISTRICT		
Five Oaks Middle School - Beaverton, OR		
SCALE: NTS	2 of 12	DRAWN BY: D.V.G.
DATE: 1/21/22		REVISED: 3/7/22
A-TECH/NORTHWEST, INC. Portland & Prineville, Oregon 503-628-2882		
Perimeter - Brick Parapet & Coping - Detail		 PROJECT NUMBER: 22048



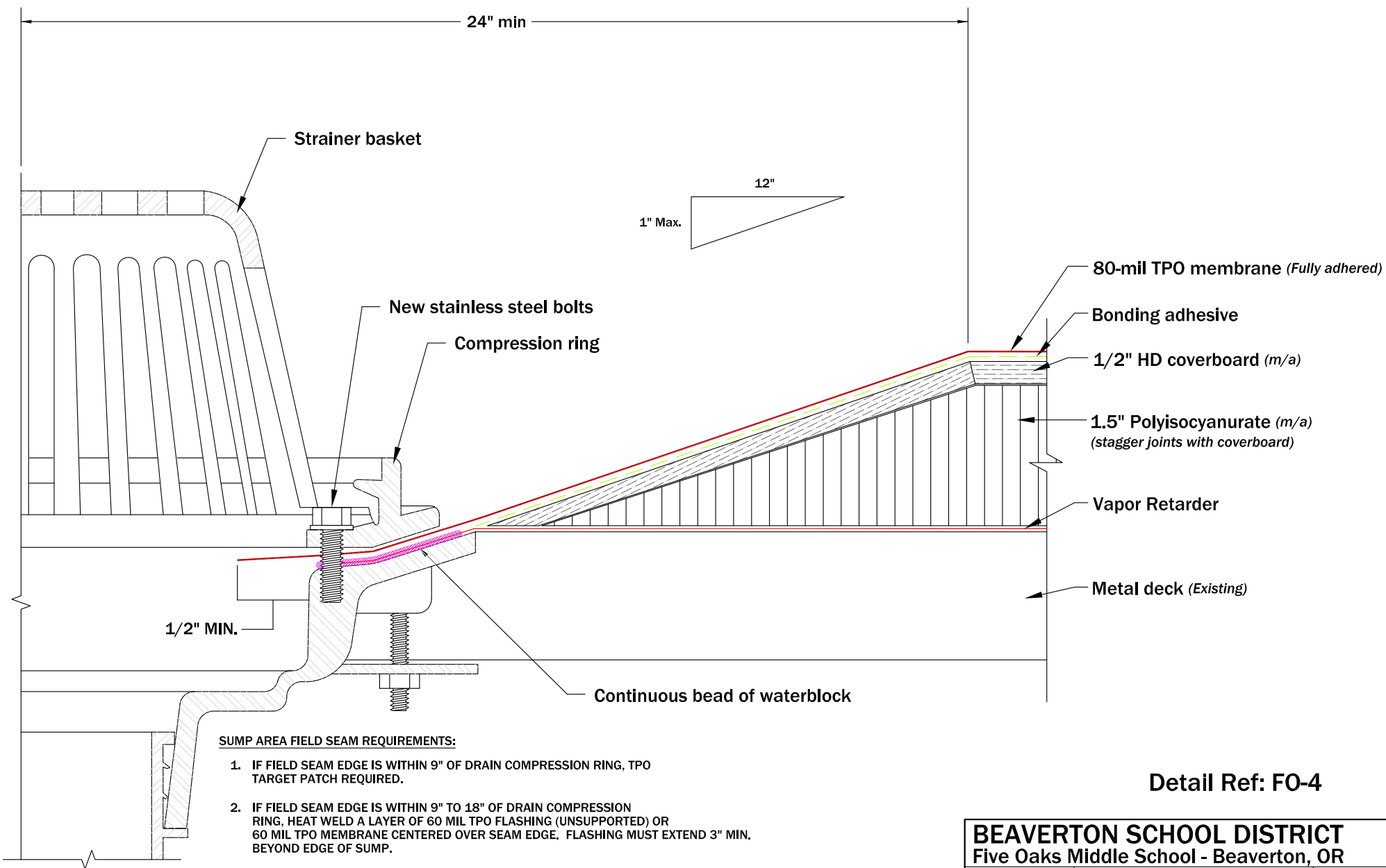
Detail Ref: FO-3

Note: must meet manufactures requirements

BEAVERTON SCHOOL DISTRICT
Five Oaks Middle School - Beaverton, OR

SCALE: NTS	3 of 12	DRAWN BY: D.V.G.
DATE: 1/21/22		REVISED: 3/7/22
A-TECH/NORTHWEST, INC.		
Portland & Prineville, Oregon 503-628-2882		
Perimeter - Chimney & Coping - Detail		PROJECT NUMBER: 22048



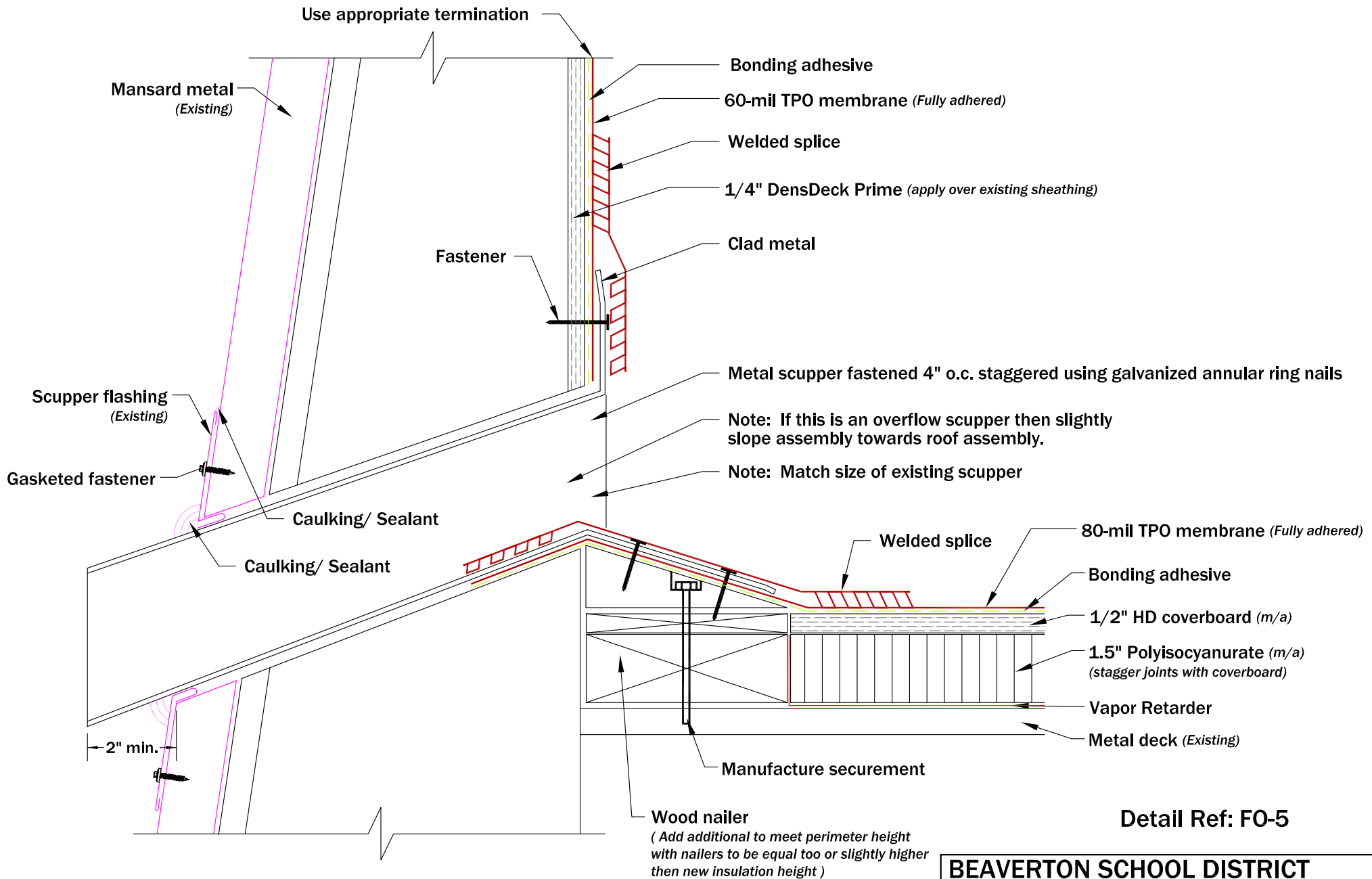


Note: must meet manufactures requirements

Detail Ref: FO-4

BEAVERTON SCHOOL DISTRICT
Five Oaks Middle School - Beaverton, OR

SCALE: NTS	4 of 12	DRAWN BY: D.V.G.
DATE: 1/21/22		REVISED: 3/7/22
A-TECH/NORTHWEST, INC.		
Portland & Prineville, Oregon 503-628-2882		
Drainage - Roof Drain - Detail		PROJECT NUMBER: 22048



Detail Ref: FO-5

Note: must meet manufactures requirements

BEAVERTON SCHOOL DISTRICT
Five Oaks Middle School - Beaverton, OR

SCALE: NTS

5 of 12

DRAWN BY: D.V.G.

DATE: 1/21/22

REVISED: 3/7/22

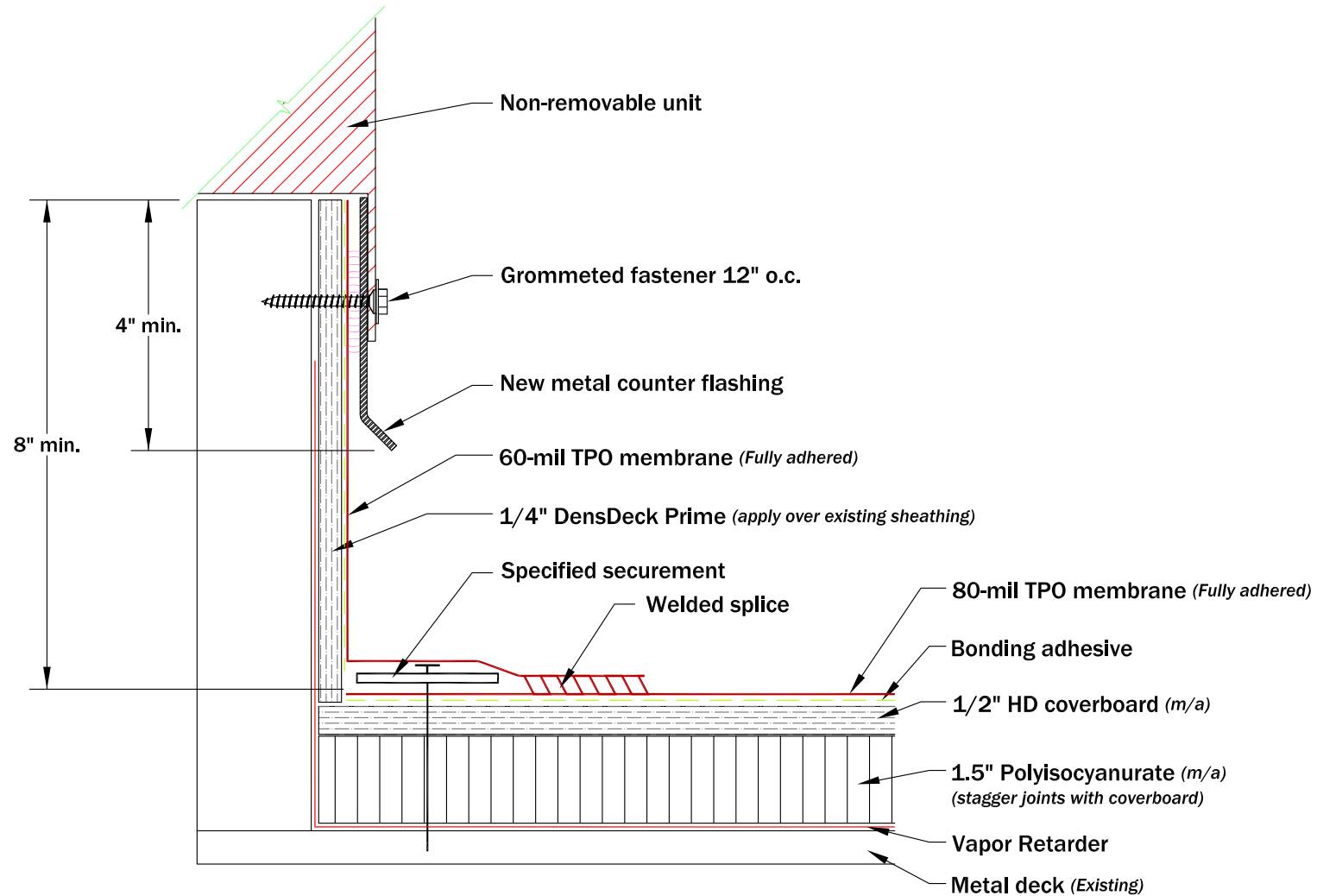
A-TECH/NORTHWEST, INC.

Portland & Prineville, Oregon 503-628-2882




Drainage - Thru-wall Scupper - Over Flow Detail

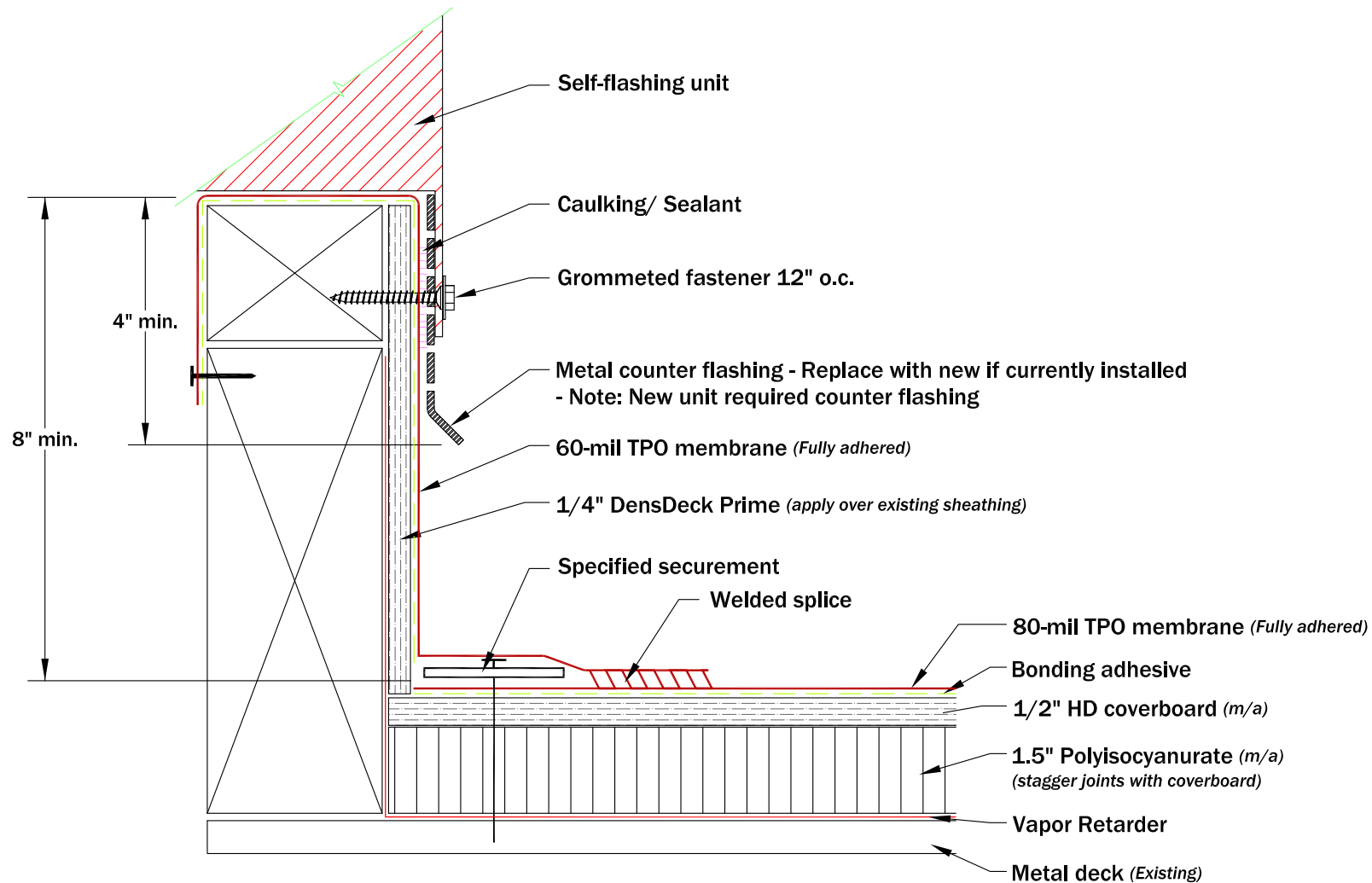
PROJECT NUMBER:
22048



Detail Ref: FO-6

Note: must meet manufactures requirements

BEAVERTON SCHOOL DISTRICT		
Five Oaks Middle School - Beaverton, OR		
SCALE: NTS	6 of 12	DRAWN BY: D.V.G.
DATE: 1/21/22		REVISED: 3/7/22
A-TECH/NORTHWEST, INC. Portland & Prineville, Oregon 503-628-2882		
Equipment - Non-Removable Unit Curb Flashing - Detail		 PROJECT NUMBER: 22048



Detail Ref: FO-7

Note: must meet manufactures requirements

BEAVERTON SCHOOL DISTRICT
Five Oaks Middle School - Beaverton, OR

SCALE: NTS

7 of 12

DRAWN BY: D.V.G.

DATE: 1/21/22

REVISED: 3/7/22

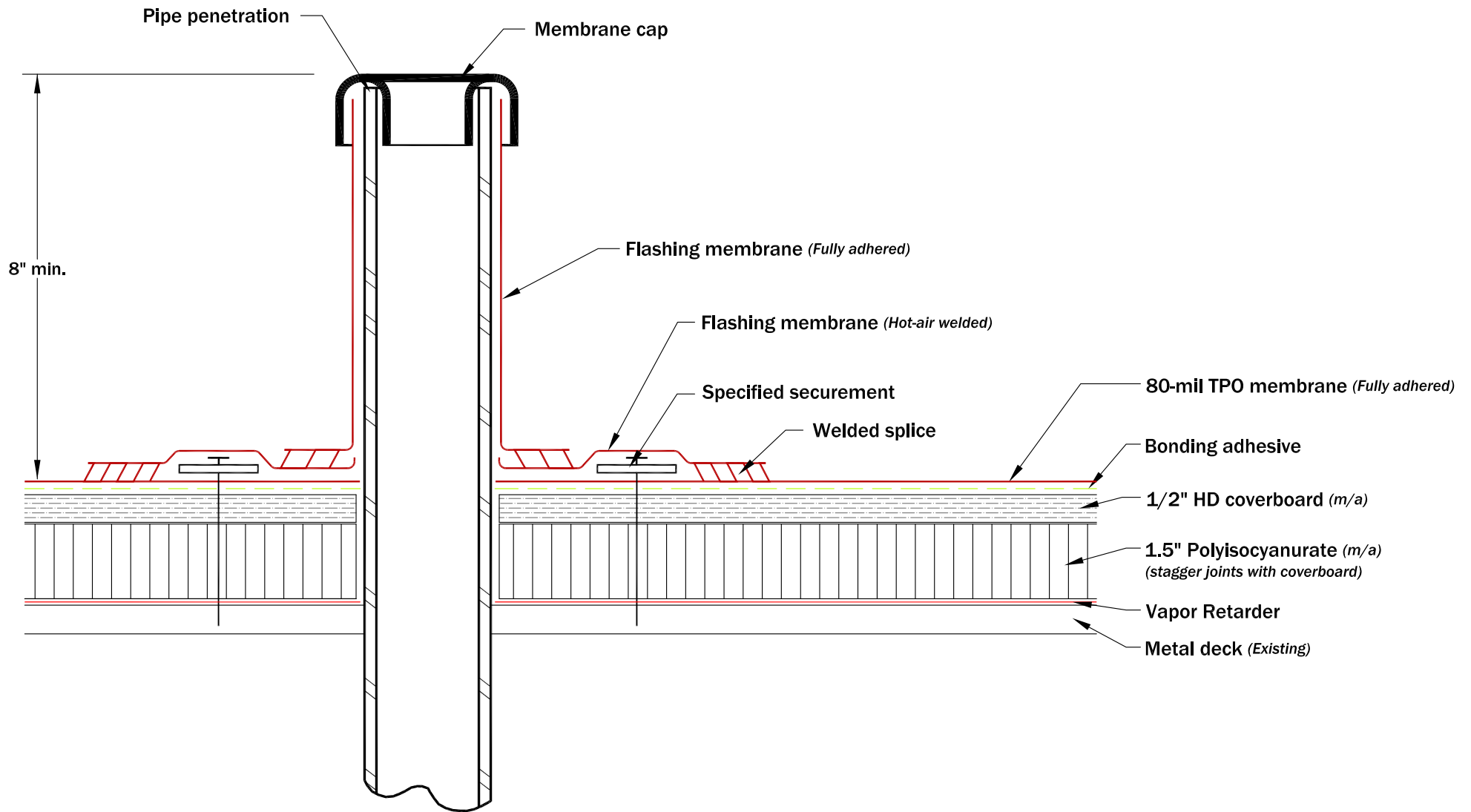
A-TECH/NORTHWEST, INC.

Portland & Prineville, Oregon 503-628-2882

Equipment - Removable Unit Curb Flashing - Detail



PROJECT NUMBER:
22048



Detail Ref: FO-8

Note: must meet manufactures requirements

BEAVERTON SCHOOL DISTRICT
Five Oaks Middle School - Beaverton, OR

SCALE: NTS

DATE: 1/21/22

8 of 12

DRAWN BY: D.V.G.

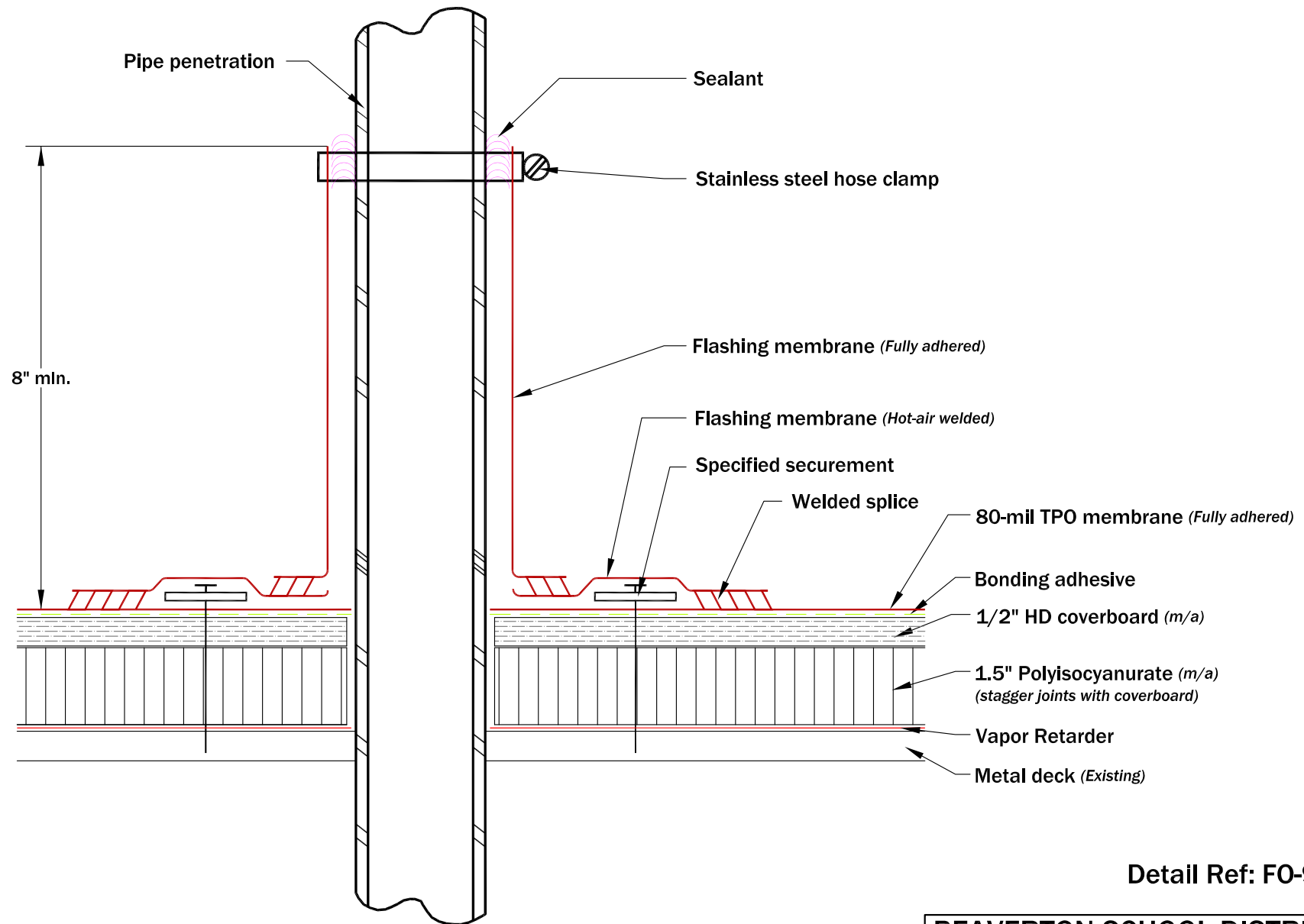
REVISED: 3/7/22

A-TECH/NORTHWEST, INC.
 Portland & Prineville, Oregon 503-628-2882



Penetration - Vent Stack Flashing - Detail

PROJECT NUMBER:
 22048



Detail Ref: FO-9

Note: must meet manufactures requirements

BEAVERTON SCHOOL DISTRICT
Five Oaks Middle School - Beaverton, OR

SCALE: NTS

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DRAWN BY: D.V.G.

DATE: 1/21/22

REVISED: 3/7/22

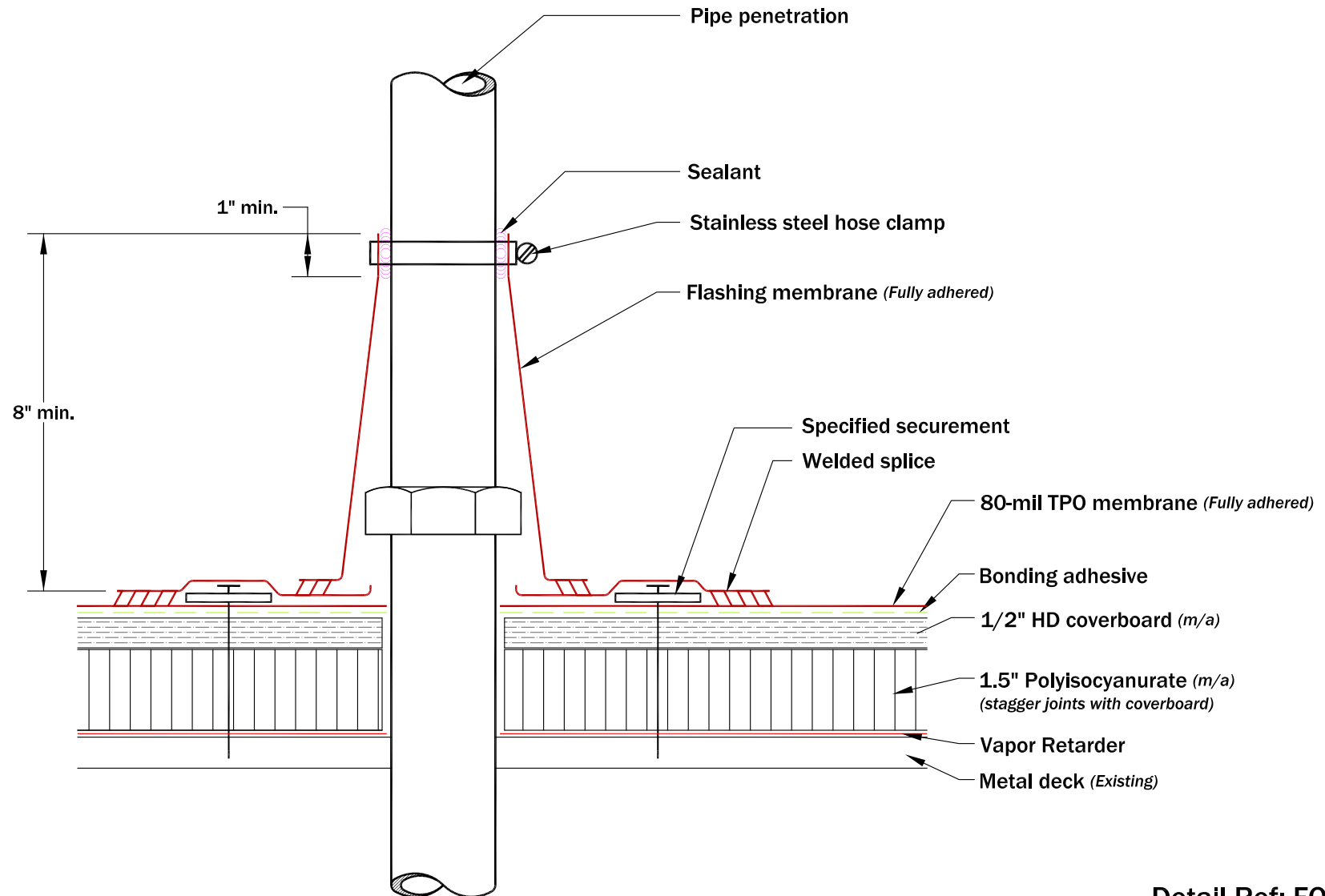
A-TECH/NORTHWEST, INC.

Portland & Prineville, Oregon 503-628-2882

Penetration - Pipe Penetration Flashing - Detail



PROJECT NUMBER:
22048



Detail Ref: FO-10

Note: must meet manufactures requirements

BEAVERTON SCHOOL DISTRICT
Five Oaks Middle School - Beaverton, OR

SCALE: NTS	10 of 12	DRAWN BY: D.V.G.
DATE: 1/21/22		REVISED: 3/7/22

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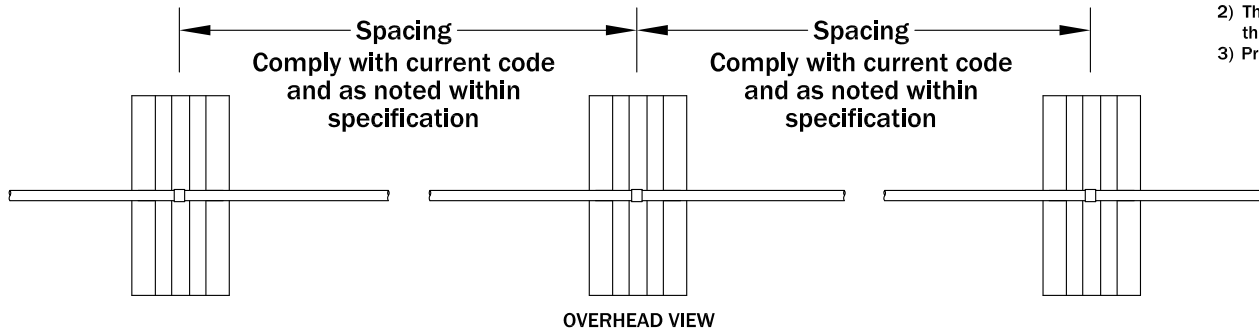
Penetration - Cone Flashing at Penetration - Detail



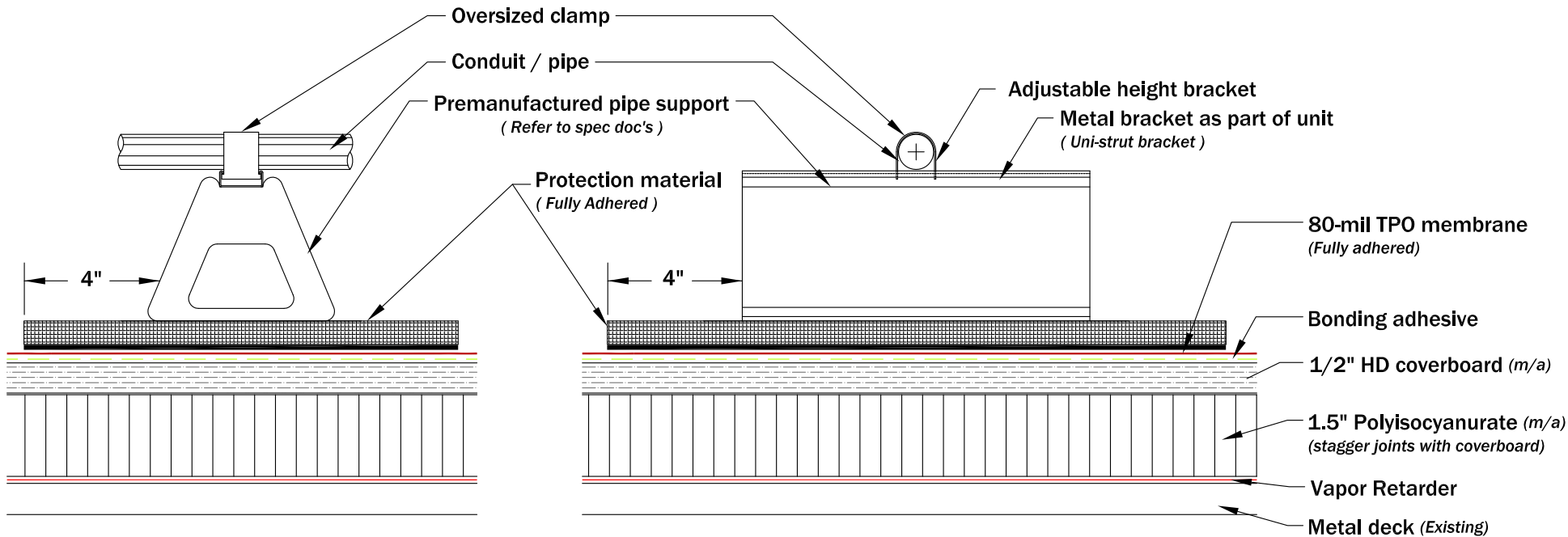
PROJECT NUMBER:
 22048

NOTES:

- 1) The brackets should retain the pipe in a manner to allow for movement without binding.
- 2) The supports should be placed at intervals to maintain a straight continuity of the pipe line - 10' max. spacing.
- 3) Protection material should be applied in a full bed of plastic cement.



OVERHEAD VIEW



SIDE VIEW

Detail Ref: FO-11

Note: must meet manufactures requirements

BEAVERTON SCHOOL DISTRICT
Five Oaks Middle School - Beaverton, OR

SCALE: NTS

DATE: 1/21/22

11 of 12

DRAWN BY: D.V.G.

REVISED: 3/7/22

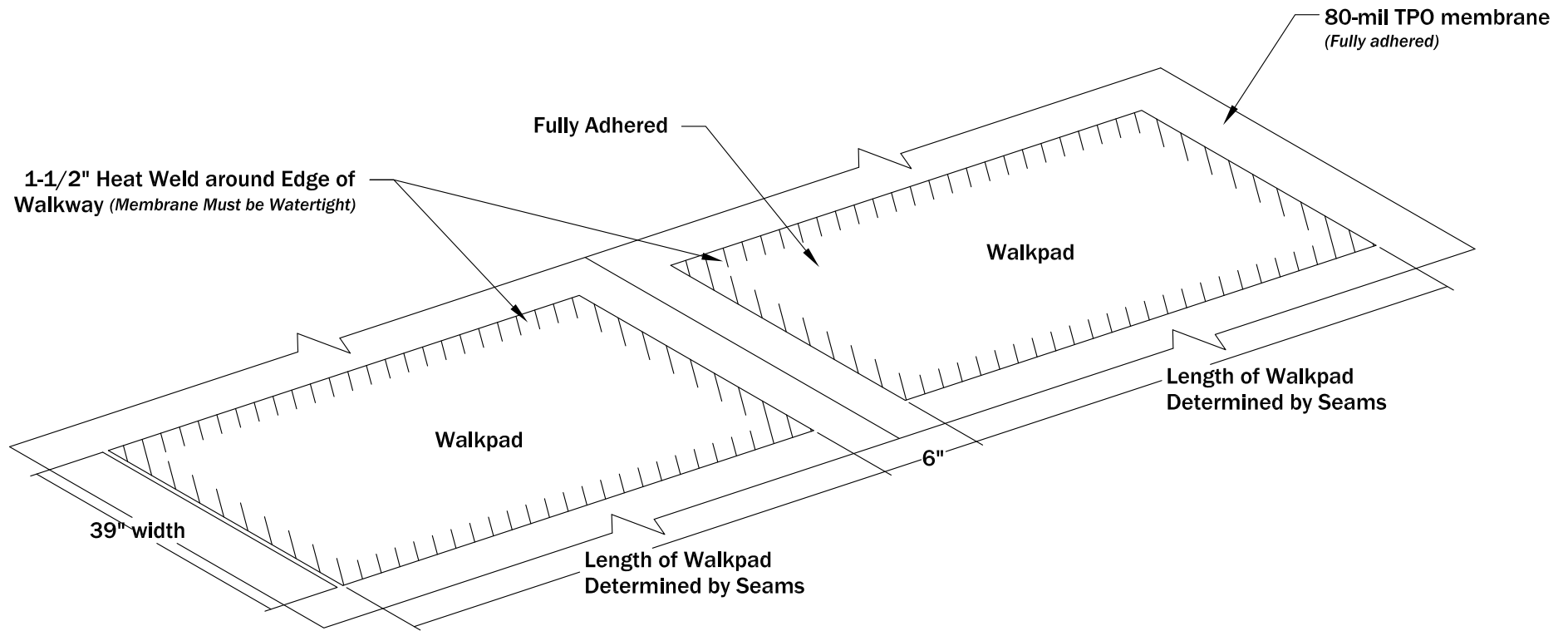
A-TECH/NORTHWEST, INC.

Portland & Prineville, Oregon 503-628-2882

Misc - Conduit / Pipe Support - Detail



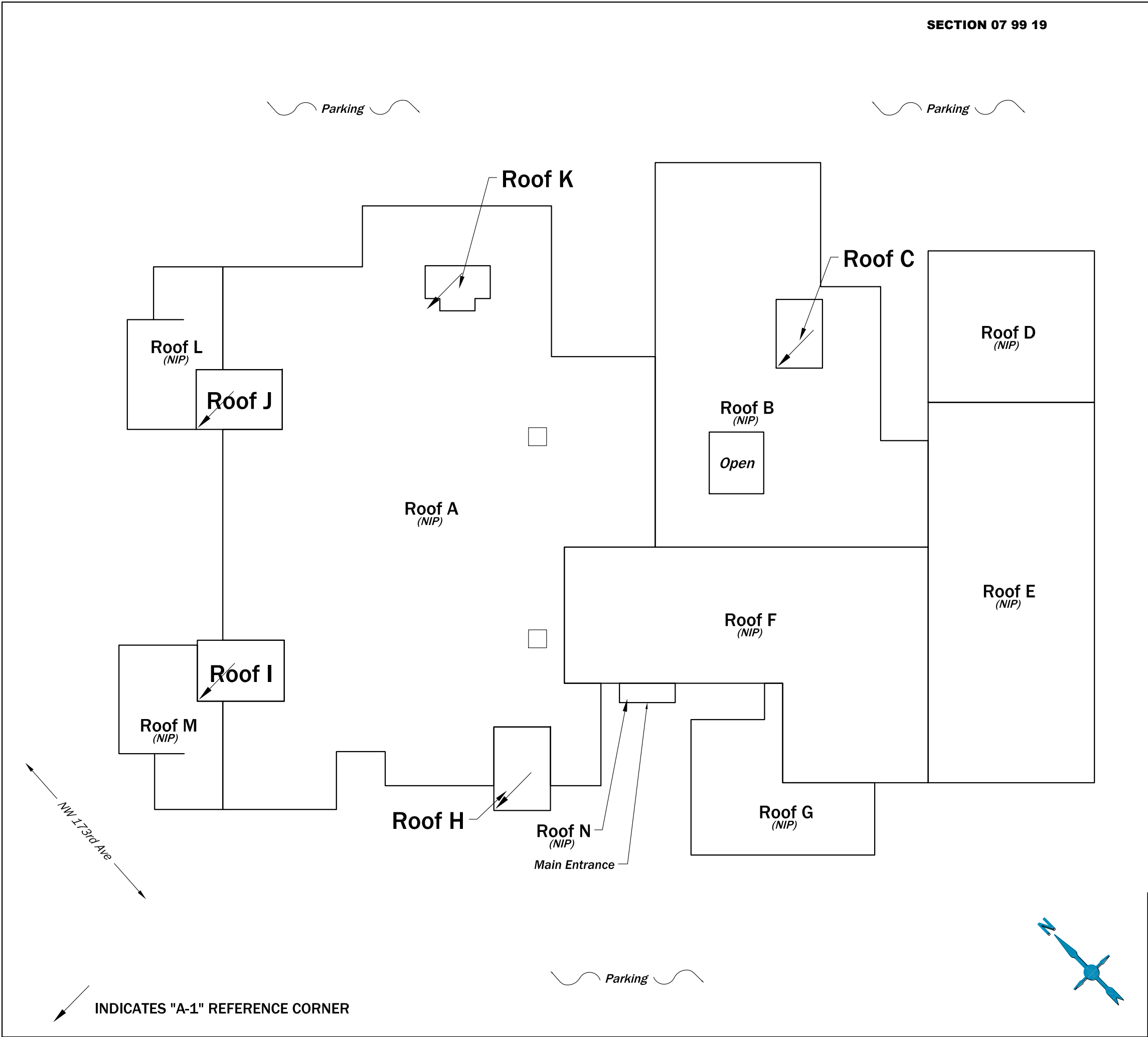
PROJECT NUMBER:
22048



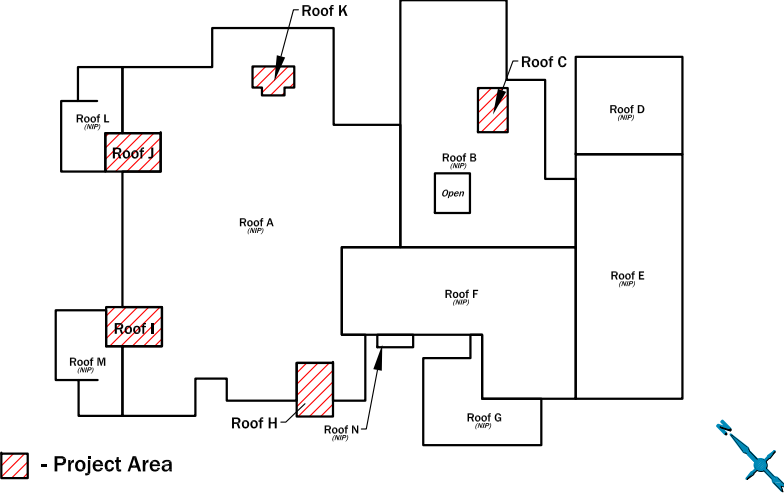
Detail Ref: FO-12

Note: must meet manufactures requirements

BEAVERTON SCHOOL DISTRICT		
Five Oaks Middle School - Beaverton, OR		
SCALE: NTS	12 of 12	DRAWN BY: D.V.G.
DATE: 1/21/22		REVISED: 3/7/22
A-TECH/NORTHWEST, INC. Portland & Prineville, Oregon 503-628-2882		
Misc - Walk Pad - Fully Adhered Detail		 PROJECT NUMBER: 22048



BEAVERTON SCHOOL DISTRICT
Five Oaks Middle School - Beaverton, OR
ROOF LAYOUT



LEGEND

- AC AC Unit
- H Hatch
- F Exhaust fan
- MC Metal cap
- PC Pipe chase
- SL Skylight
- SAT Satellite base
- ANT Antenna
- ⊗ Drain
- ⊗ Overflow drain
- ⊗ Gas vent
- ⊗ Plumbing vent
- Conduit
- ⊗ Air vent
- WP Walk pad
- B Blister
- P Patch
- || Scupper
- S Direction of slope
- Equipment supports
- Tear
- Cricket
- Ridge/valley line
- Matchline
- Expansion joint
- Rldging
- (NIS) Not in study
- (NIP) Not in project

BEAVERTON SCHOOL DISTRICT
Five Oaks Middle School - Beaverton, OR

SCALE: NTS	1 of 2	DRAWN BY: D.V.G.
DATE: 1/21/22		REVISED: 2/28/22

A-TECH/NORTHWEST, INC.
Portland & Prineville, Oregon 503-628-2882



Detail Callout Dwg - Mechanical Penthouse Reroof

PROJECT NUMBER:
22048

Diagram illustrating the roof layout for the 10th floor, showing various roof areas and project zones. The layout includes:

- Roof A (NIP)**: Central roof area.
- Roof B (NIP)**: Located to the right of Roof A.
- Roof C**: Located to the right of Roof B.
- Roof D (NIP)**: Located to the right of Roof C.
- Roof E (NIP)**: Large roof area on the right side.
- Roof F (NIP)**: Located below Roof B and C.
- Roof G (NIP)**: Located below Roof F.
- Roof H**: Located below Roof A.
- Roof I**: Located below Roof A.
- Roof J**: Located below Roof I.
- Roof K**: Located above Roof A.
- Roof L (NIP)**: Located to the left of Roof J.
- Roof M (NIP)**: Located to the left of Roof I.
- Open**: An open area located between Roof B and Roof F.

Legend: - Project Area

The diagram shows the 10th floor roof layout with various roof areas and project zones. The legend indicates that red hatched boxes represent the Project Area. The roof areas are labeled as follows:

- Roof A (NIP)
- Roof B (NIP)
- Roof C
- Roof D (NIP)
- Roof E (NIP)
- Roof F (NIP)
- Roof G (NIP)
- Roof H
- Roof I
- Roof J
- Roof K
- Roof L (NIP)
- Roof M (NIP)
- Open

The Project Area is indicated by red hatched boxes, which are located on Roofs J, I, K, B, and H.

