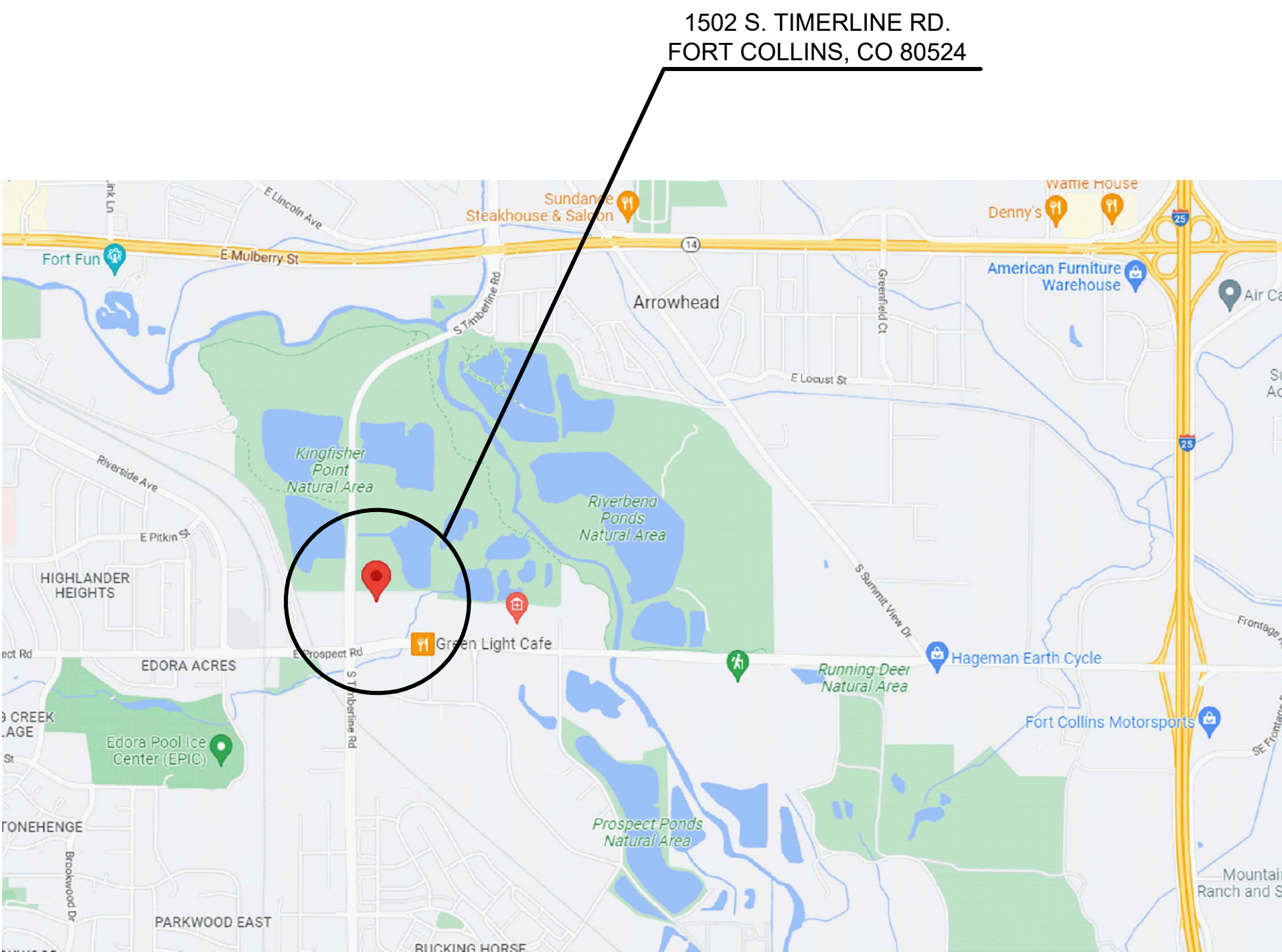


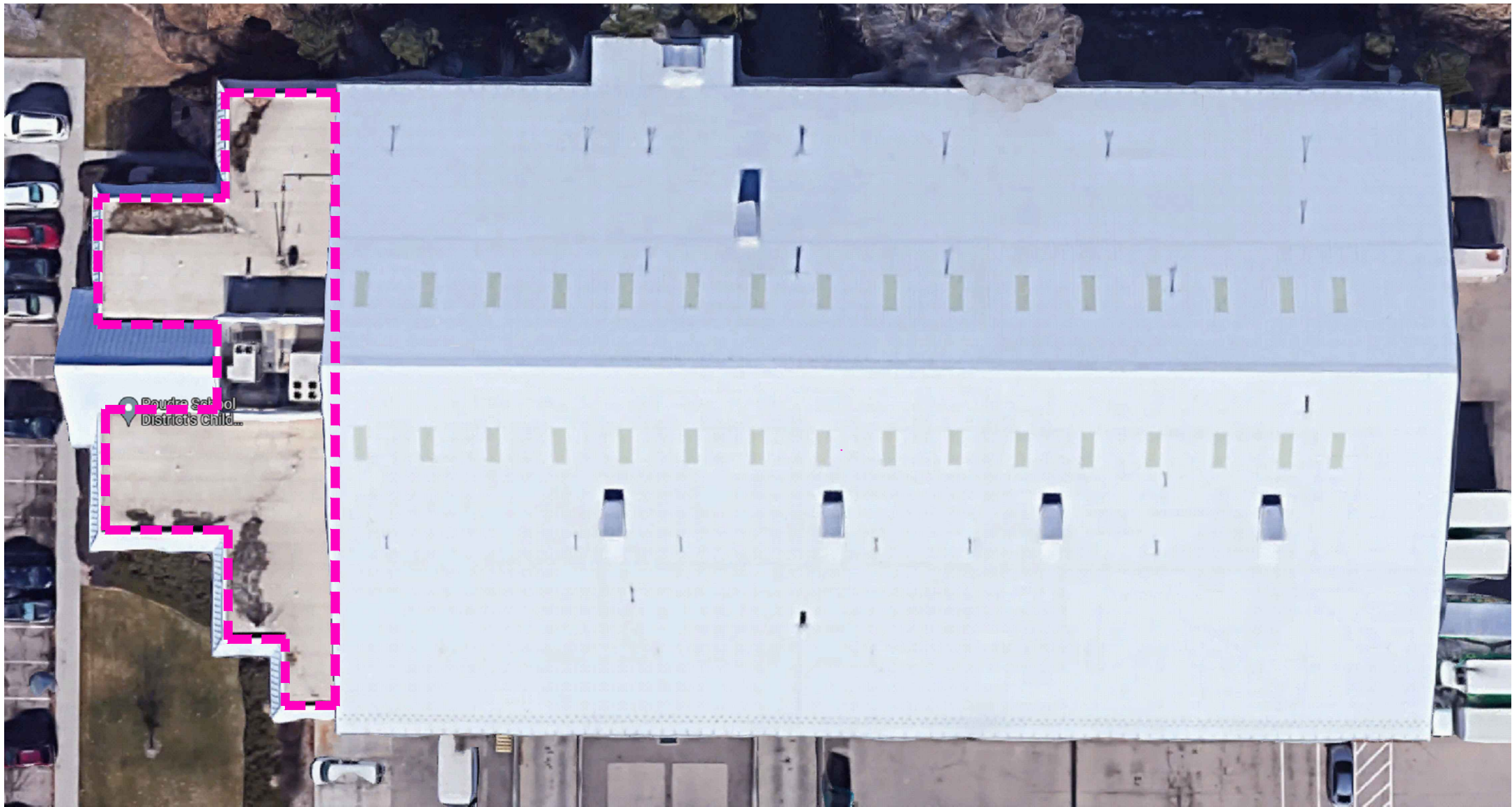
REPLACE ROOFING

POUDRE SCHOOL DISTRICT

WAREHOUSE #5



VICINITY MAP



SATELLITE PHOTO

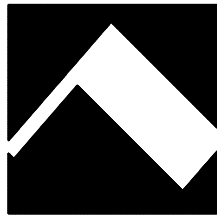
Applicable Codes:
2018 International Mechanical Code (IMC)
2018 International Building Code (IBC)
2018 International Plumbing Code (IPC)
2018 International Fuel Gas Code (IFGC)
2018 International Energy Conservation Code (IECC)

SHEET INDEX	
NUMBER	DESCRIPTION
ARCHITECTURAL	
G1.0	COVER SHEET
R1.0	ROOF PLAN
R2.0	ROOF DETAILS

Code Information
Roof Replacement: Deck 1
Roof Insulation Value: As Indicated On Sheet R1.0
Existing Roof Weight: 4 psf
New Roof Weight: 4 psf
New Roof Wind Uplift Resistance: FM 1-90
New Roof Design Wind Speed: 129 mph (3 Sec. Gust)
New Roof Fire Resistance Rating: UL Class A
New Roof Slope: 0.25"/ft Minimum Built Into Roof Insulation



ROOFING CONSULTANT



RoofTech Consultants, Inc.
14828 W. 6TH Avenue, Unit B-8
Golden, Colorado 80401
Phone: (303) 233-1092
Fax: (303) 233-2205

REVISION	BY/DATE
DESIGNER:	PROJ. MGR:
RDS	JL
DRAFTER:	PROJECT #:
LR	
CHECKED BY:	DATE:
GT	6/3/2022

REPLACE ROOF
POUDRE SCHOOL
DISTRICT
WAREHOUSE #5

1502 S. TIMERLINE RD.
FORT COLLINS, CO 80524

CADD FILE:
WH5 G1-0.DWG

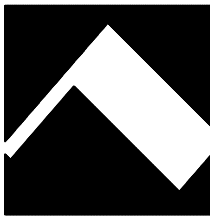
COVER SHEET

DRAWING SCALE:
NO SCALE

DRAWING #:

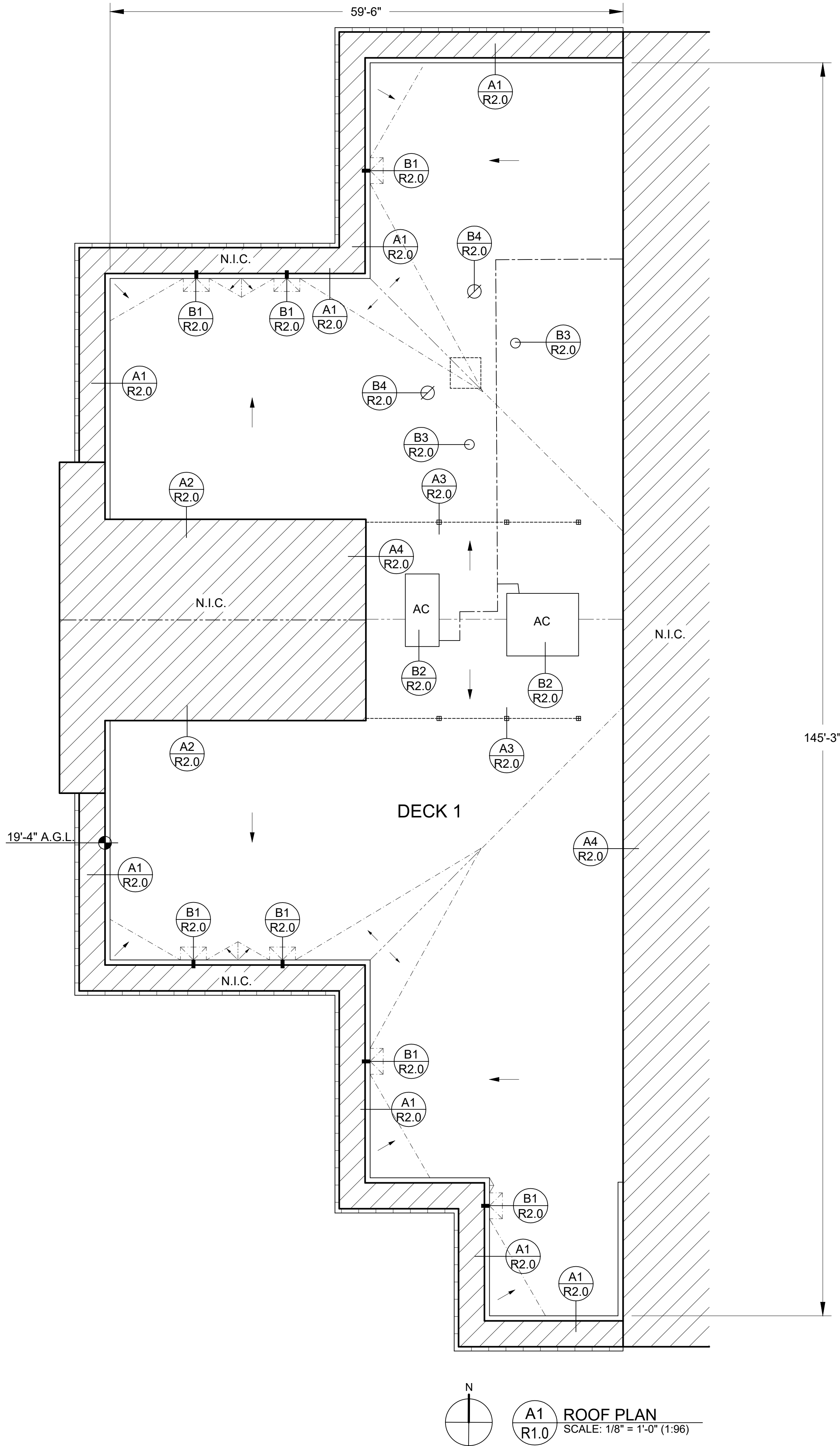
G1.0

SHEET 1 OF 3



SYMBOL LEGEND

	PARAPET WALL
	PERIMETER
	SCUPPER
	MECHANICAL SCREEN/SUPPORT
	GASLINE
	TAPERED INSUL. VALLEY
	TAPERED INSUL. RIDGE
	PLUMBING VENT
	FLUE
	BALLASTED SATELLITE TRAY
	HVAC CURB
	TAPERED INSULATION SLOPE



ROOF CONSTRUCTION NOTES:

- LIFT & RESET CONDUIT/GASLINE (E). SET ON NEW ADJUSTABLE DURABLOCK SUPPORTS 10' O.C.SET NEW SUPPORTS ON DIVORCING SHEET.
- REMOVE MOISTURE RELIEF VENTS (E)

TAPERED INSULATION NOTES:

- THE TAPERED INSULATION IN THE FIELD OF THE ROOF SHALL HAVE FACTORY FORMED SLOPE OF 0.25" PER FOOT (0.25/12).
- TAPERED INSULATION CRICKETS SHALL HAVE FACTORY FORMED SLOPE OF 0.5" PER FOOT (0.5/12).
- SCUPPER SUMPS SHALL BE CONSTRUCTED WITH TAPERED INSULATION HAVING A FACTORY FORMED SLOPE OF 1" PER FOOT (1/12).

EXISTING ROOF SYSTEM DECK 1

11.5" FIBERGLASS BATT INSULATION (R-35)
WOOD DECK
.25" DENS DECK
TAPERED EPS BOARD (4" MAX DEPTH)
0.5" WOOD FIBER COVER BD.
ADHERED 45 MIL EPDM ROOF MEMBRANE
ADHERED 45 MIL PVC ROOF MEMBRANE

NEW ROOF SYSTEM DECK 1

19" FIBERGLASS BATT INSULATION (R-60) (E)
WOOD DECK (E)
0.5" GYPSUM BD.
TAPERED ISO. FOAM INSUL. (.25/12 SLOPE)
0.5" HIGH DENSITY ISO. FOAM COVER BD. (R-2.5)
ADHERED 60 MIL TPO ROOF MEMBRANE
(E) DENOTES EXISTING ITEM TO REMAIN
TOTAL THERMAL INSULATION VALUE: R-62.5

ADD ALTERNATE #1:

- REPLACE ~240 LF OF GUTTER AT THE N.I.C. SHEET METAL ROOFING.
REFER TO DETAIL C1/R2.0.

**REPLACE ROOF
POUDRE SCHOOL
DISTRICT
WAREHOUSE #5**

1502 S. TIMERLINE RD.
FORT COLLINS, CO 80524

CADD FILE:

WH5 R1-0.DWG

ROOF PLAN

DRAWING SCALE:

1/8" = 1'-0"

DRAWING #:

R1.0

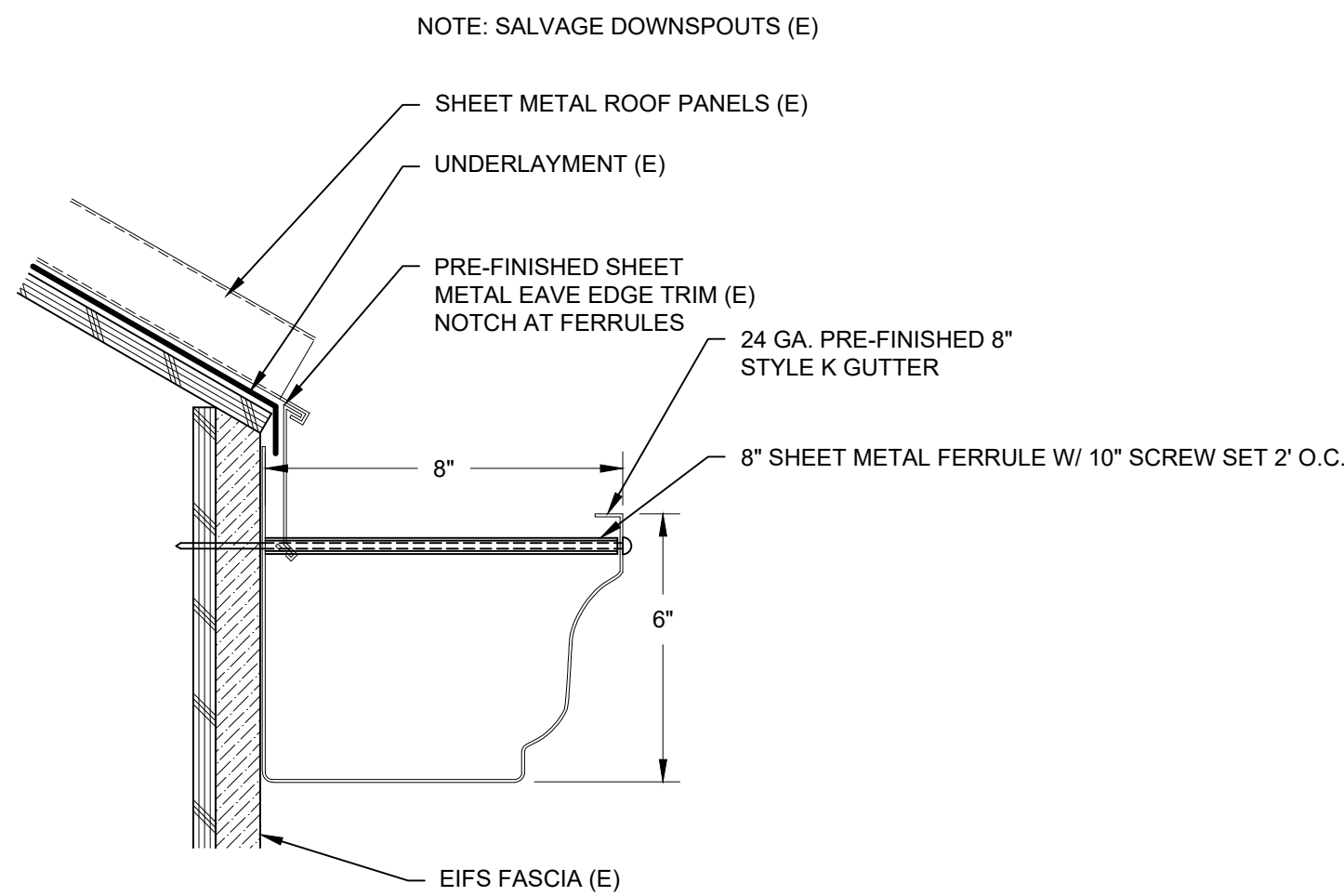
SHEET

2

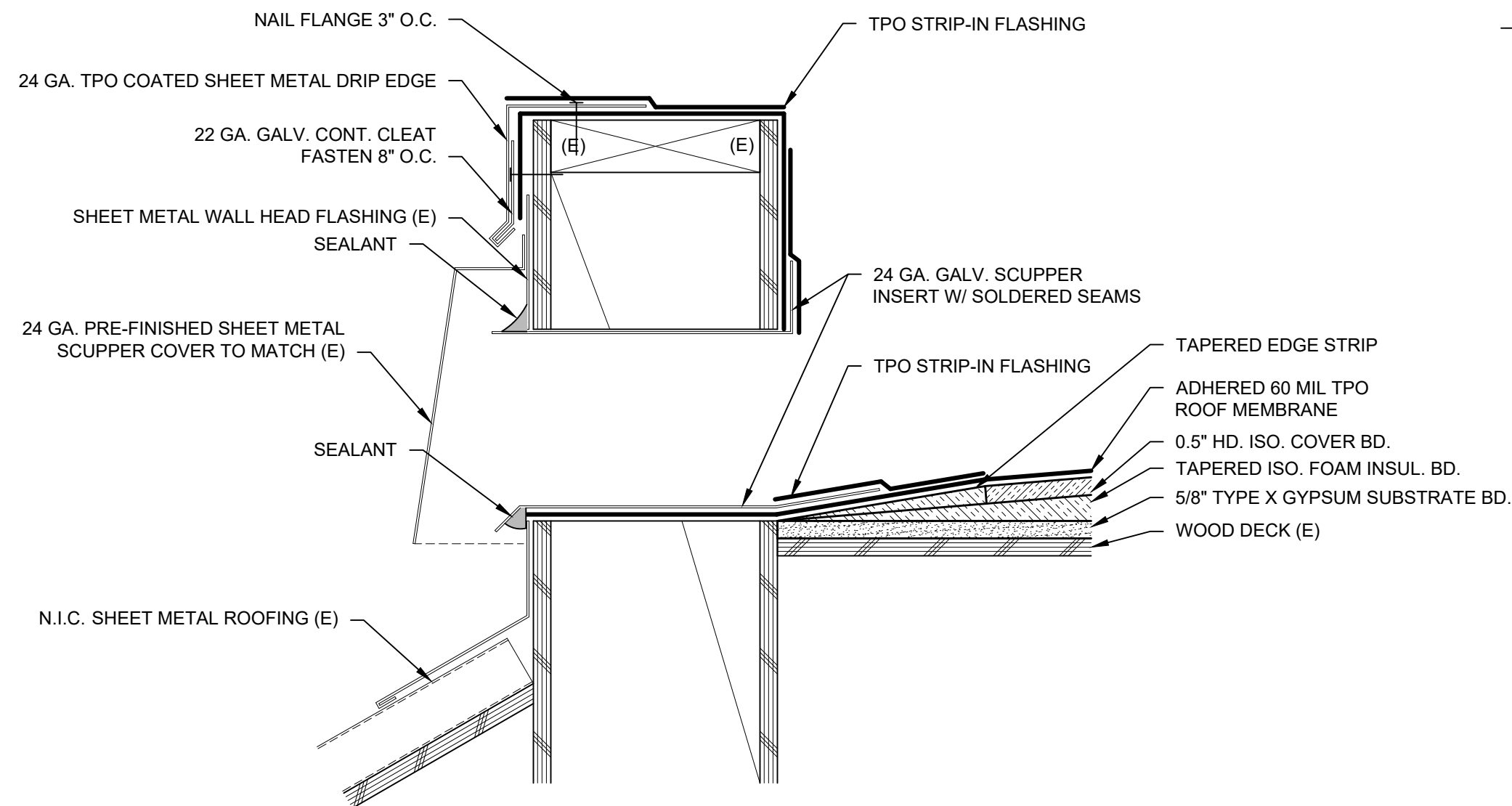
OF

3

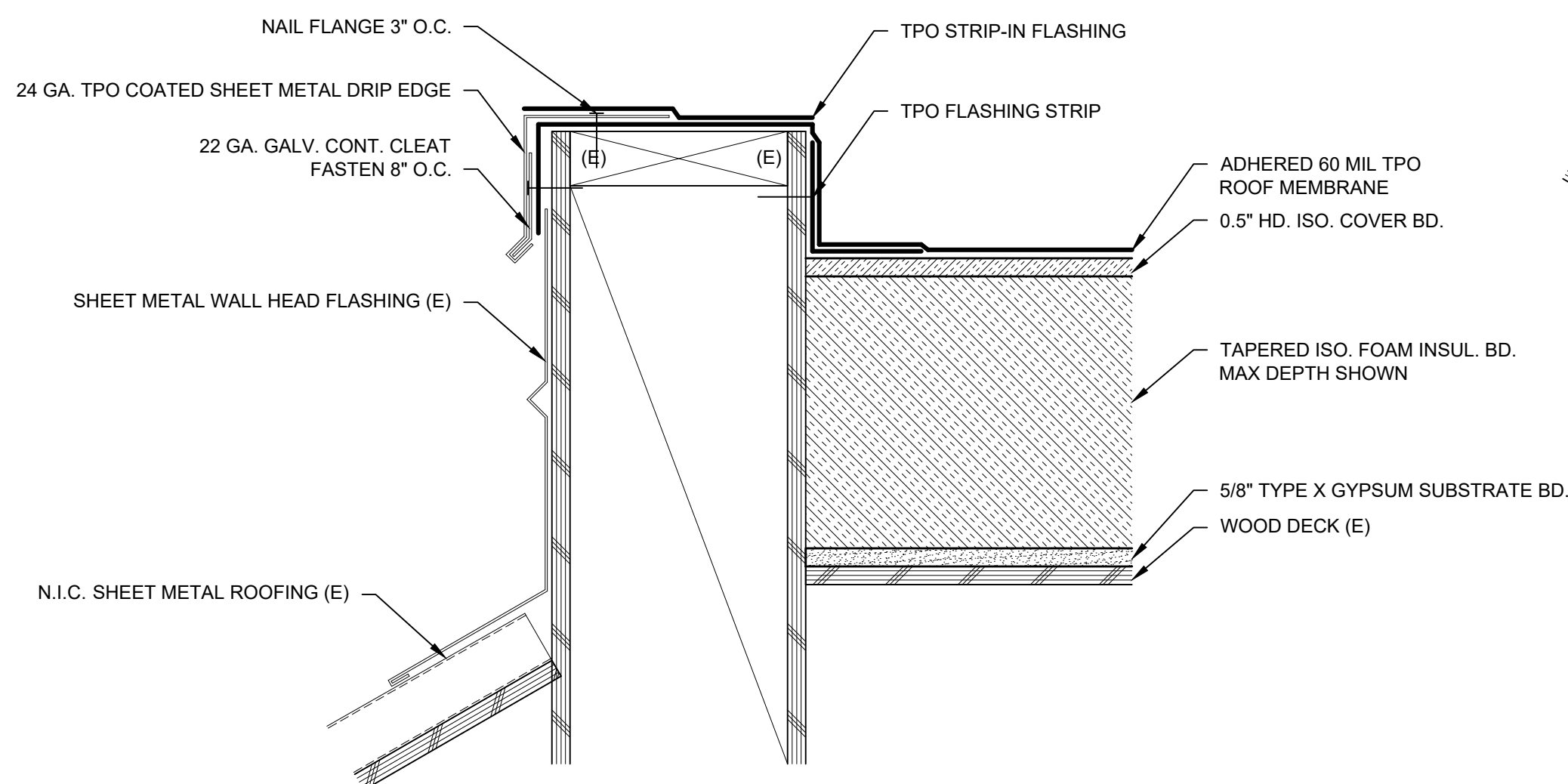
- DETAIL NOTES:
1. DETAILS ARE EXPLODED FOR CLARITY. MAKE ALL CONNECTIONS WATERTIGHT.
 2. (E) DENOTES EXISTING ITEMS TO REMAIN. ALL OTHER ITEMS ARE NEW.
 3. CUT EDGE SEALANT NOT SHOWN. FOLLOW MANUFACTURER'S REQUIREMENTS.



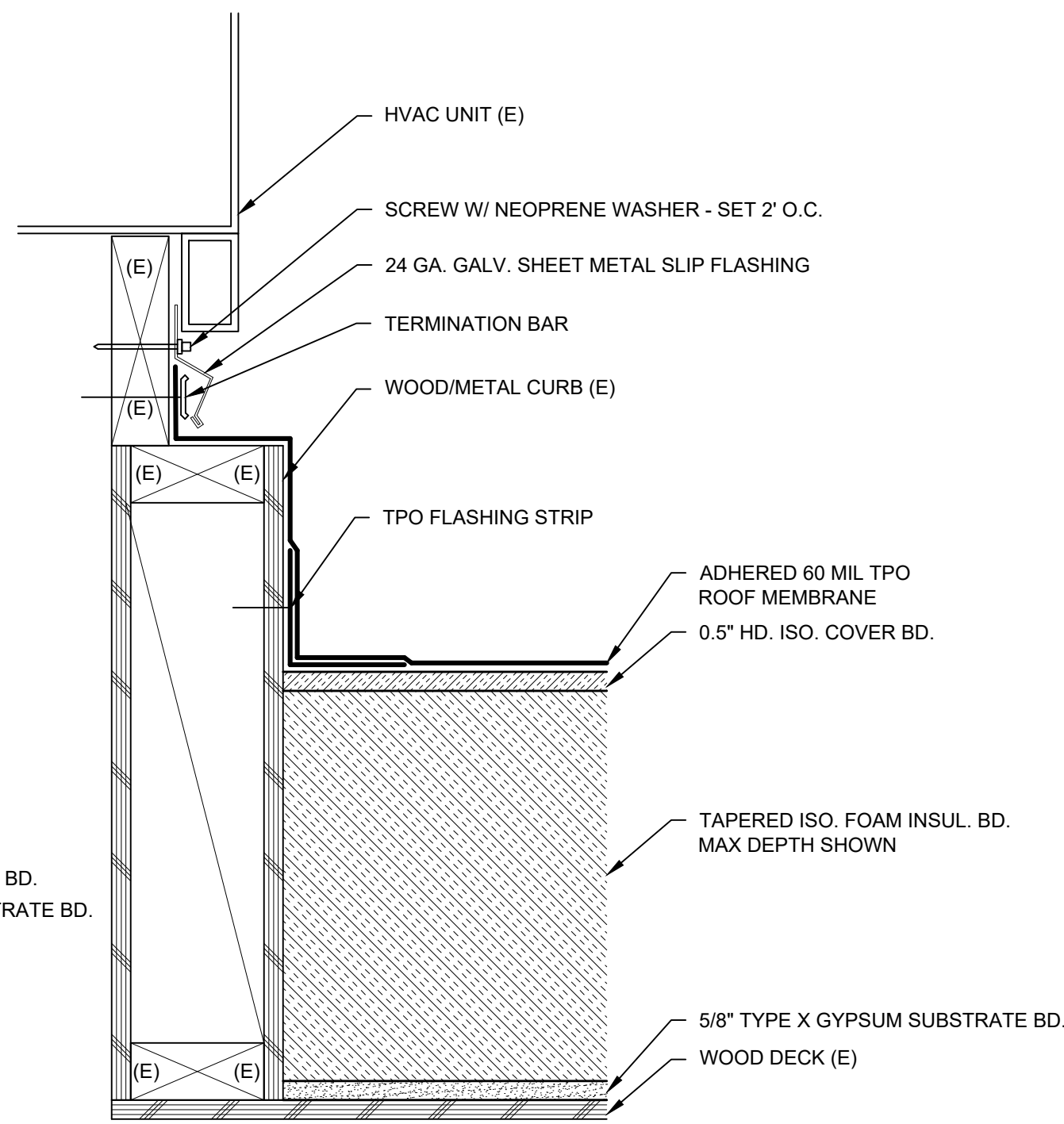
C1
R2.0 **ADD ALTERNATE #1 - NEW GUTTER**
SCALE 3" = 1'-0" (1:4)



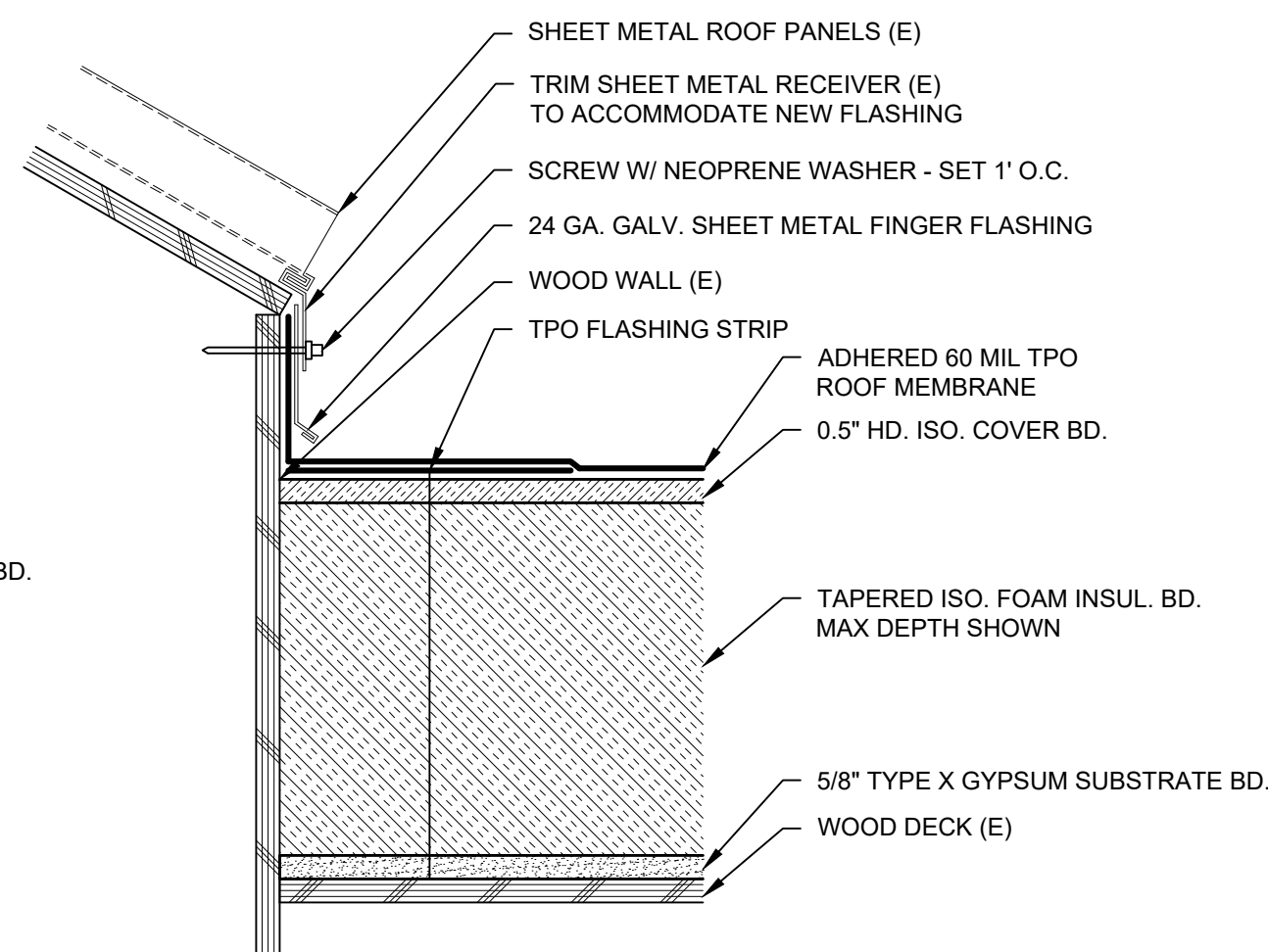
B1
R2.0 **SCUPPER SUMP/FLASHING**
SCALE 3" = 1'-0" (1:4)



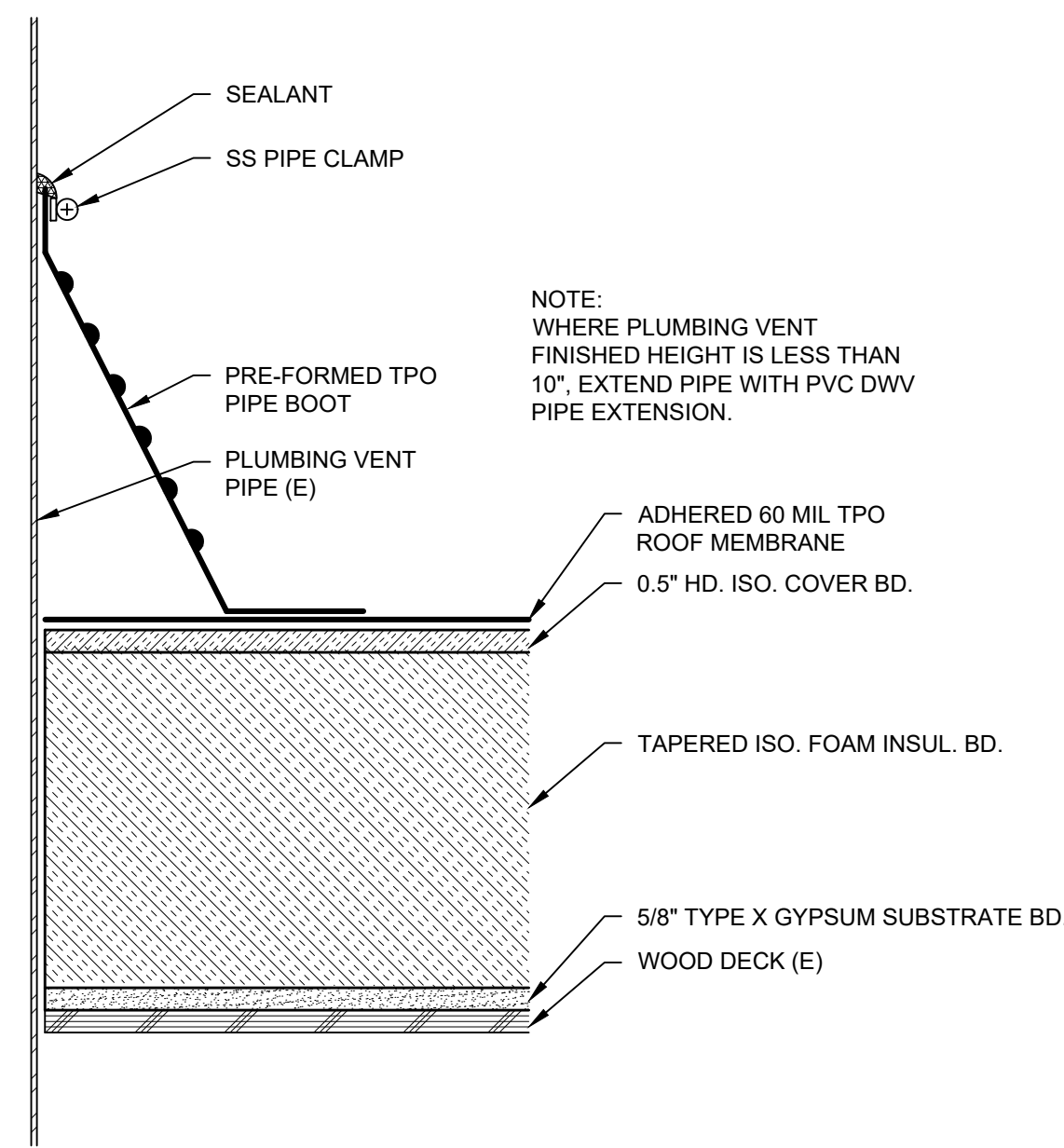
A1
R2.0 **PARAPET WALL FLASHING**
SCALE 3" = 1'-0" (1:4)



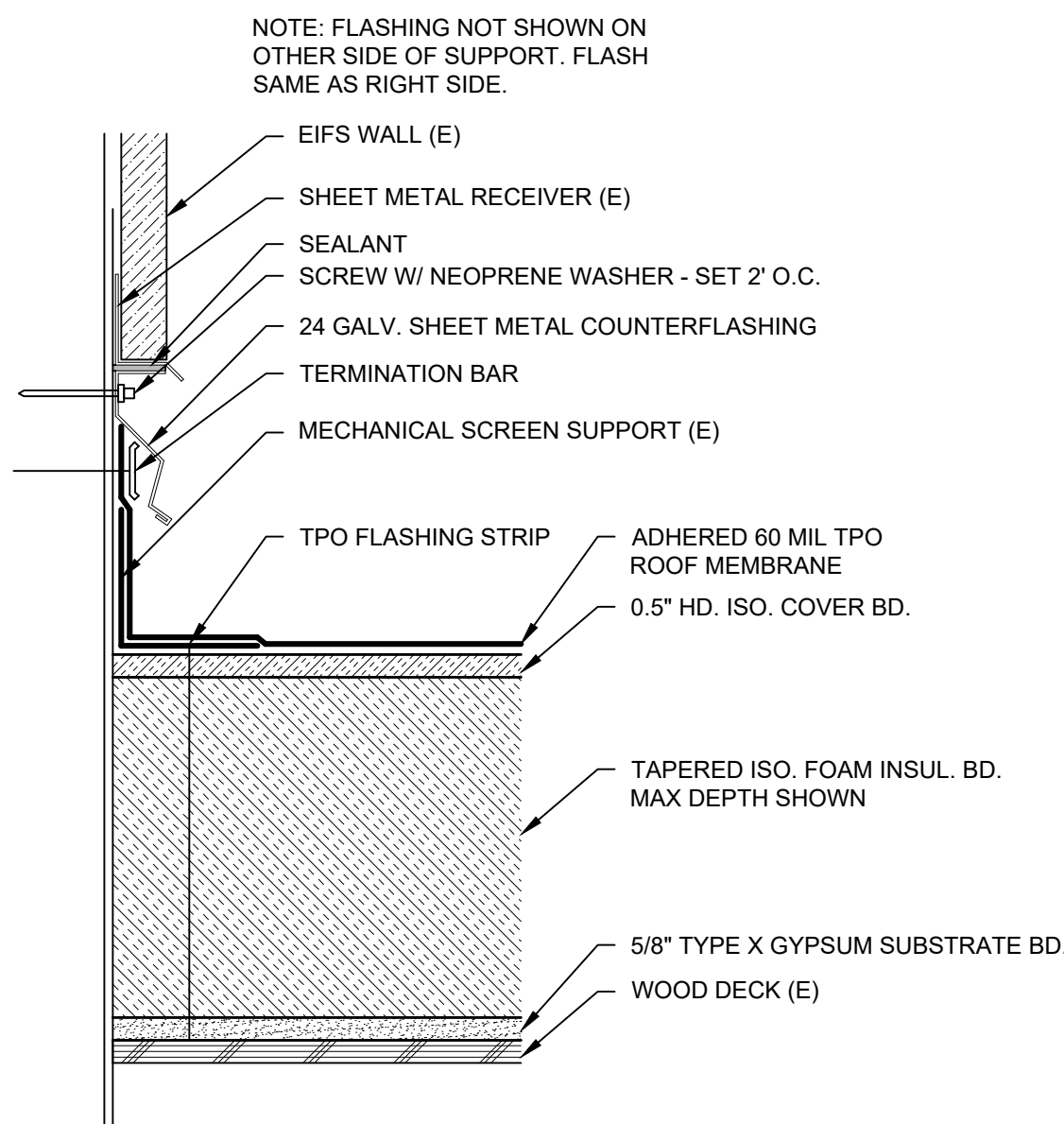
B2
R2.0 **MECHANICAL CURB FLASHING**
SCALE 3" = 1'-0" (1:4)



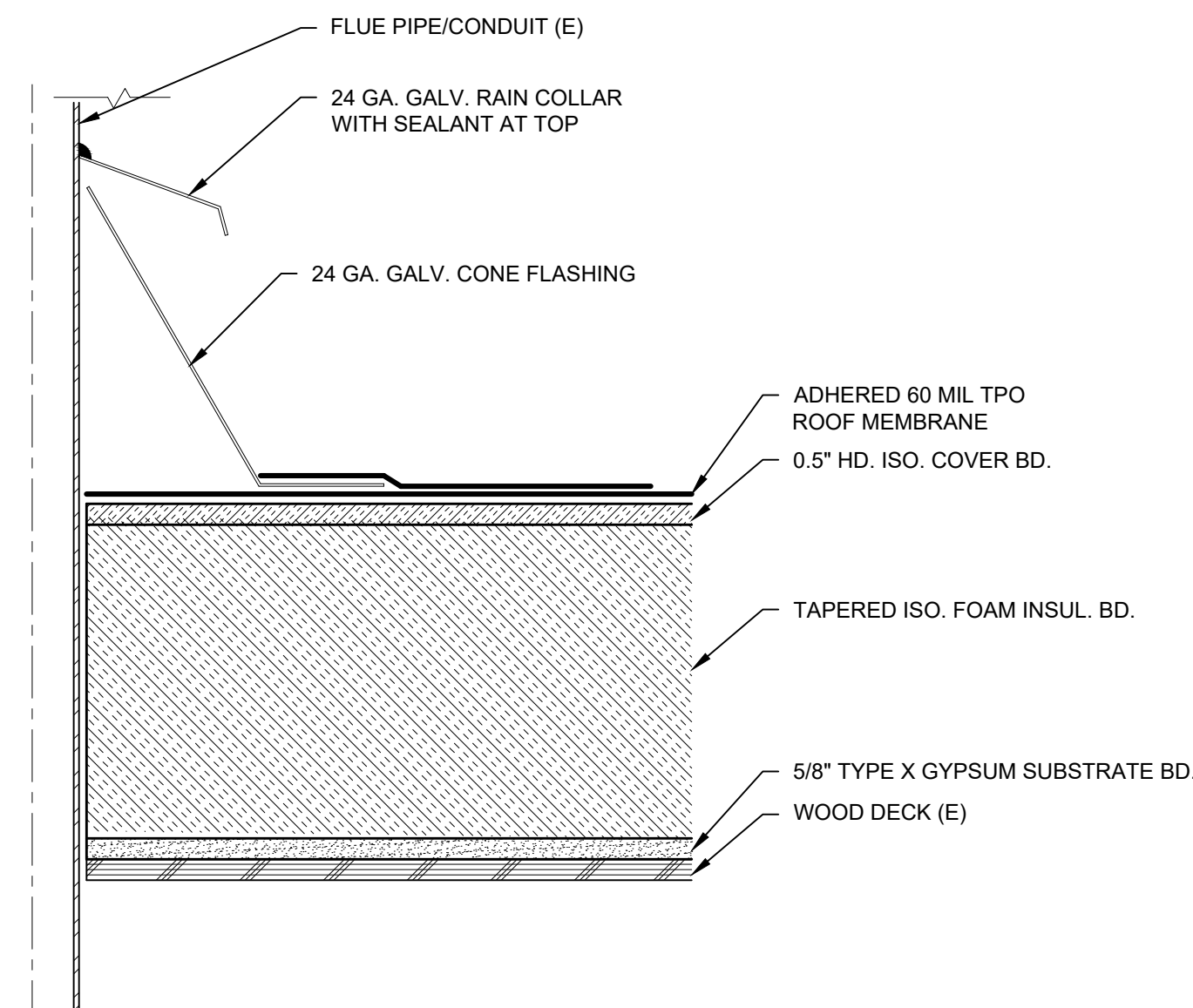
A2
R2.0 **WALL BASE FLASHING**
SCALE 3" = 1'-0" (1:4)



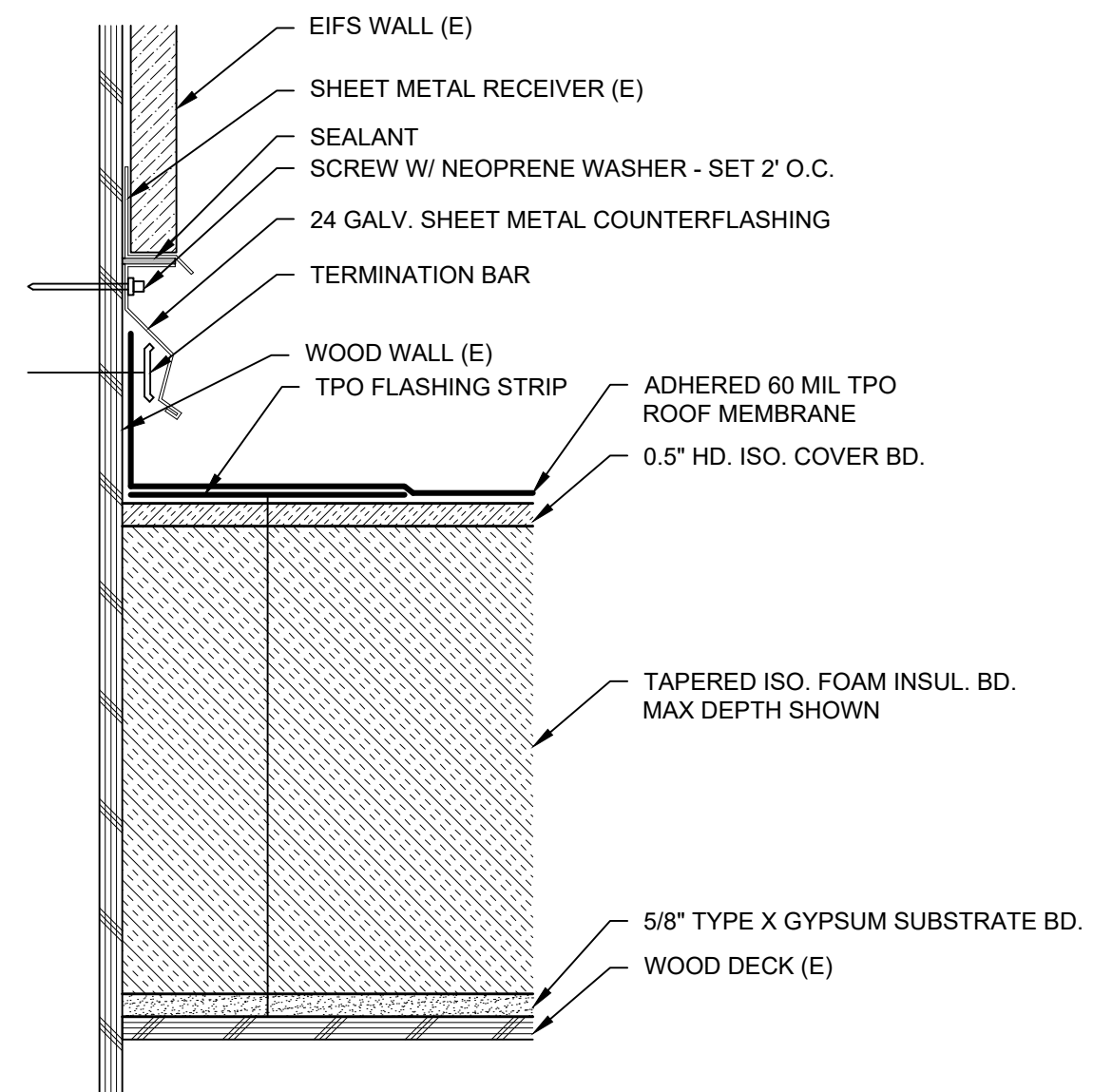
B3
R2.0 **PLUMBING VENT FLASHING**
SCALE 3" = 1'-0" (1:4)



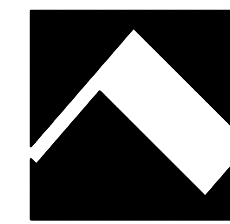
A3
R2.0 **EQUIP. SCREEN SUPPORT FLASHING**
SCALE 3" = 1'-0" (1:4)



B4
R2.0 **FLUE FLASHING**
SCALE 3" = 1'-0" (1:4)



A4
R2.0 **WALL BASE FLASHING**
SCALE 3" = 1'-0" (1:4)



REVISION	BY/DATE
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**REPLACE ROOF
POUDRE SCHOOL
DISTRICT
WAREHOUSE #5**

1502 S. TIMERLINE RD.
FORT COLLINS, CO 80524

CADD FILE:
WH5 R2-0.DWG

ROOF DETAILS

DRAWING SCALE:
3" = 1'-0"

DRAWING #:

R2.0

SHEET	OF
3	3