BAY ARENAC ISD 2023 ROOF PROGRAM EDUCATION SERVICE CENTER

4228 2 MILE RD. BAY CITY, MI. 48706

DRAWING INDEX - ROOF DESIGN

1 OF 12 SCOPE OF WORK

2 OF 12

OF 12 ROOF AREA A01

4 OF 12 ROOF AREA A02

OF 12 DETAIL 1: ROOF CURB FLASHING

6 OF 12 DETAIL 2: ROOF HATCH FLASHING 7 OF 12 DETAIL 3: ROOF DRAIN FLASHING

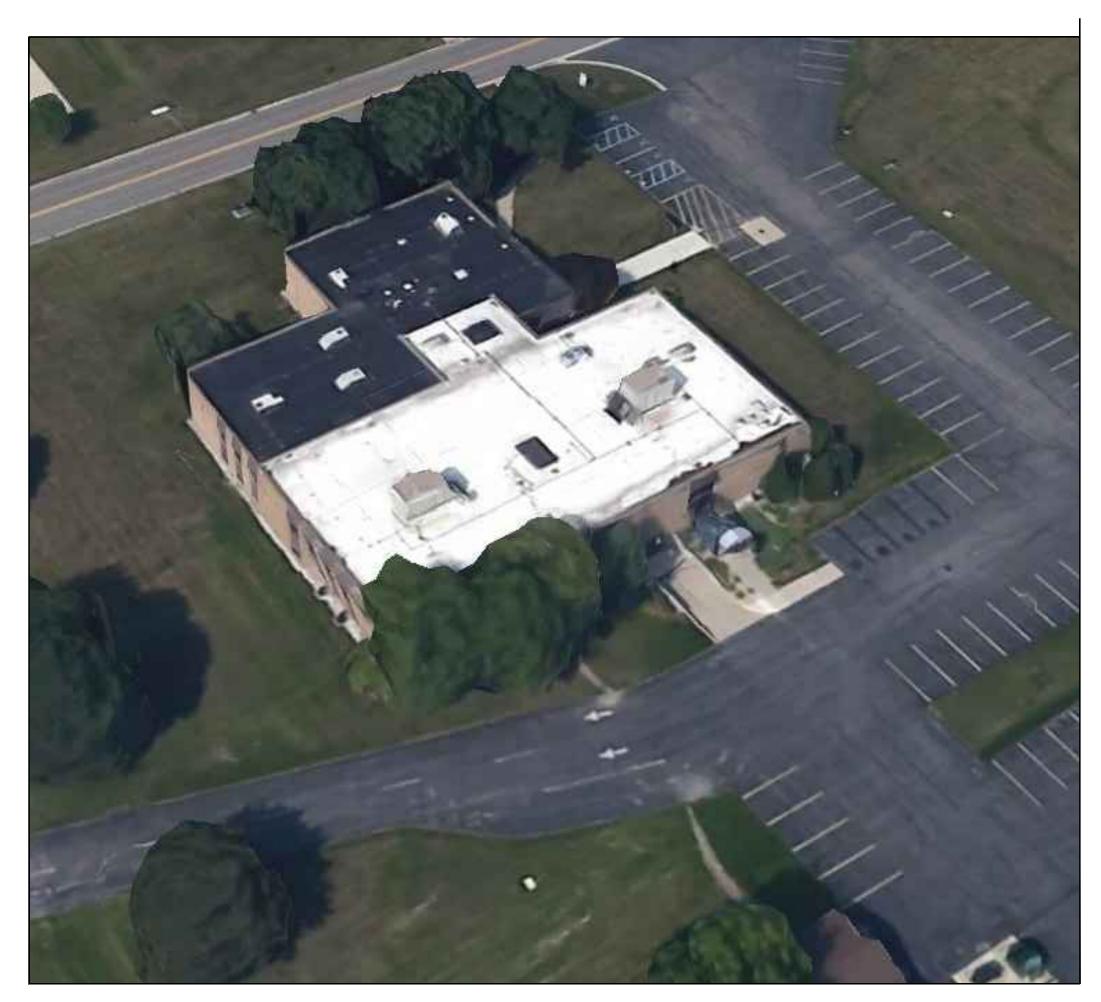
8 OF 12 DETAIL 4: TUBULAR PENETRATION FLASHING

9 OF 12 DETAIL 5: PITCH PAN FLASHING

10 OF 12 DETAIL 6: PARAPET WALL FLASHING

11 OF 12 DETAIL 7: PARAPET WALL FLASHING

12 OF 12 DETAIL 8: OVERFLOW SCUPPER FLASHING



GOOGLE EARTH - IMAGE

SYMBOL LEGEND

MECHANICAL EQUIPMENT

BLANK CURI

POWERED VENTILATOR

SKYLIGH

EQUIPMENT SUPPORTS

SCUPPER

ROOF DRA

O PIPE PENETRATION

PITCH PAN

ROOF HATCH

LADDER

A INSULATION VENT

WALKWAY

ELEVATED PIPING

----- RIDGE LINE

(AREA-ID) AREA ID

 \longrightarrow X X KEYED NOTES



NAR NOT A ROOF AREA

NIC NOT IN CONTRACT

ADDENDUM 1 4/4/2023

THIS SHEET IS NOT 24 BY 36 INCHES, THEN USE GRAPHIC SCALE ACCOUNTY

Building Technology Associates, Inc. 21850 Greenfield Rd. Oak Park, MI 48237-2507

BAY ARENAC ISD 2023 ROOFING PROGRAM

EDUCATION SERVICE CENTER

> 4228 2 MILE RD. BAY CITY, MI. 48706

TITLE SHEET

DRAWING NAME
TITLE SHEET

DRAFTER

AB

MG

DATE

CHECKED BY

3/17/23

BB

SHEET NO.

1 OF 12

APPLICABLE CODES

2015 MICHIGAN BUILDING CODE BASED ON THE 2015 IBC, 2015 IECC, ASHRAE 90.1-2013 CLIMATE ZONE 5

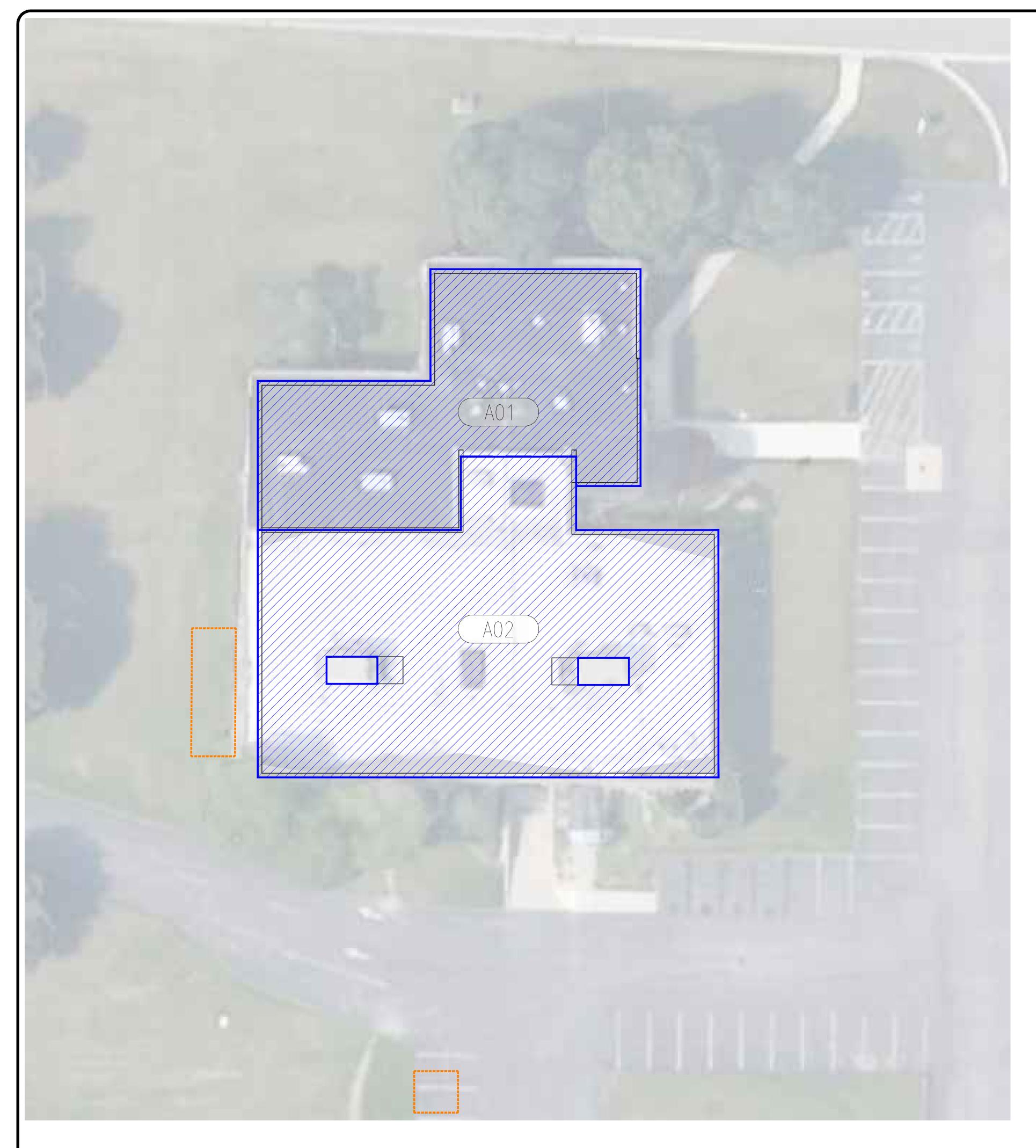
DESIGN BASED ON WIND UPLIFT CALCULATIONS ASCE 7-16 WIND UPLIFT PRESSURES EXPOSURE: B,

WIND SPEED: 105, RISK CATEGORY:II

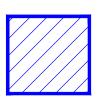
ZONE 1: 16.2 PSF ZONE 1: 28.1 PSF ZONE 2: 37.1 PSF ZONE 3: 50.6 PSF

PERIMETER EDGE METAL UPLIFT LOADS

ZONE 2: 37.1 PSF ZONE 3: 50.6 PSF ZONE 4: 19.1 PSF ZONE 5: 23.7 PSF



ROOF DESIGN SCOPE OF WORK



BASE BID (ROOF REPLACEMENT)

TYPE BID	ROOF AREA	EXISTING ROOF TYPE	SIZE (SF)
BASE BID	A01	EPDM	6,023
BASE BID	A02	EPDM	10,676

ROOF DESIGN SCOPE OF WORK



SETUP AREA: APPROXIMATE LOCATION, ROOFING CONTRACTOR TO COORDINATE WITH OWNERS REPRESENTATIVE.

GENERAL NOTES:

- ROOFING CONTRACTOR SHALL VERIFY DIMENSIONS, QUANTITIES, AND CONDITIONS AT THE SITE.
- B. ROOF PENETRATIONS / PROJECTIONS MAY HAVE BEEN ADDED OR MAY HAVE BEEN REMOVED, SO ARE NOT NECESSARILY ALL SHOWN ON THE ROOF PLAN. FIELD VERIFY ALL LOCATIONS PRIOR TO USING THE INFORMATION, AND MODIFY ACCORDINGLY.
- COMPONENTS INDICATED IN NOTES AND DETAILS ARE "NEW" UNLESS OTHERWISE NOTED AS EXISTING.
- CONDITIONS NOT SPECIFICALLY ADDRESSED BY EITHER SPECIFICATIONS OR DETAILS CONSULT WITH BTA AND THE ROOFING MANUFACTURER AND SUBMIT DETAILED SHOP DRAWINGS.
- E. DETAILS FOR EACH AND EVERY ROOF PENETRATIONS / PENETRATIONS OR FLASHING COMPONENTS MAY NOT NECESSARILY ALL BE SHOWN ON THE ROOF PLANS; USE THE APPROPRIATE DETAIL SPECIFIED FOR THE CONDITION ENCOUNTERED.

SUMMARY OF WORK:

PREPARE EXISTING ROOF AREAS AND PROVIDE NEW ROOF SYSTEM (INSULATION, MEMBRANE, FLASHINGS):

- 1. A01-REMOVE AND DISPOSE OF THE EXISTING MEMBRANE, BASE FLASHINGS, SHEET METAL FLASHING, AND
- ASSOCIATED PENETRATION FLASHINGS. LEAVE EXISTING INSULATION IN PLACE. **A02-**REMOVE AND DISPOSE OF THE EXISTING THERMOPLASTIC MEMBRANE, BASE FLASHING, SHEET METAL AND ASSOCIATED PENETRATION FLASHING. REMOVE AND DISCARD THE POLYSTYRENE COVER BOARD. SWEEP AND VACUUM THE EXISTING AGGREGATE. LEAVE EXISTING THE BUR MEMBRANE AND INSULATION IN PLACE.
- 3. REMOVE AREAS OF WET AND DAMAGED INSULATION FOUND DOWN TO THE STRUCTURAL DECK. REPLACE WET INSULATION WITH NEW INSULATION TO MATCH EXISTING (UNIT COST);
- 4. AT THE LOCATION WHERE INSULATION IS REMOVED, INSPECT THE EXISTING DECK: REPLACE DETERIORATED DECKING WITH NEW TO MATCH EXISTING (UNIT COST);
- 5. AT EXISTING ROOF DRAINS, REMOVE AND DISCARD AN 8-FOOT BY 8-FOOT AREA OF INSULATION TO ALLOW FOR THE INSTALLATION OF A TAPERED SUMP.
- 6. PROVIDE REQUIRED WOOD BLOCKING WHERE INDICATED ON THE PROJECT DRAWINGS.

 7. A01-PROVIDE (1) ONE LAYER OF 2-INCH THICK POLYISOCYANURATE ROOF INSULATION MECHANICALLY
- 8. A02- PROVIDE (1) ONE LAYER OF 3-INCH THICK POLYISOCYANURATE ROOF INSULATION MECHANICALLY
- 9. PROVIDE (1) ONE LAYER 0.5-INCH THICK MANUFACTURER'S APPROVED COVER BOARD, ADHERED IN LOW-RISE
- 10. PROVIDE SINGLE-PLY 60 MIL EPDM ROOF SYSTEM FULLY ADHERED, SHEET METAL COMPONENTS, AND
- 11. FLASH ALL PENETRATIONS PER NRCA AND/OR MANUFACTURER'S RECOMMENDED PROCEDURES, AND AS INDICATED ON DRAWINGS.
- 12. UPON COMPLETION OF WORK, PROVIDE A ROOFING MANUFACTURER'S 20-YEAR WARRANTY AND A CONTRACTOR'S 5-YEAR GUARANTEE.



Building Technology Associates, Inc. 21850 Greenfield Rd. Oak Park, MI 48237-2507



REVISIONS				
NO.	DATE	BY	PROJECT/ ARCH ENGINEERING APPROVAL	APPROVAL
1	4/4/2023			
2				
3				

** KEY PLAN

IF THIS SHEET IS NOT 24 BY 36 INCHES, THEN USE GRAPHIC SCALE ACCORDINGL



BAY ARENAC ISD 2023 ROOFING PROGRAM

EDUCATION SERVICE CENTER

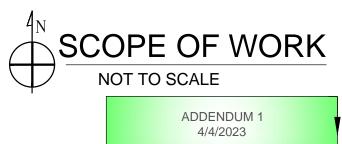
> 4228 2 MILE RD. **BAY CITY, MI. 48706**

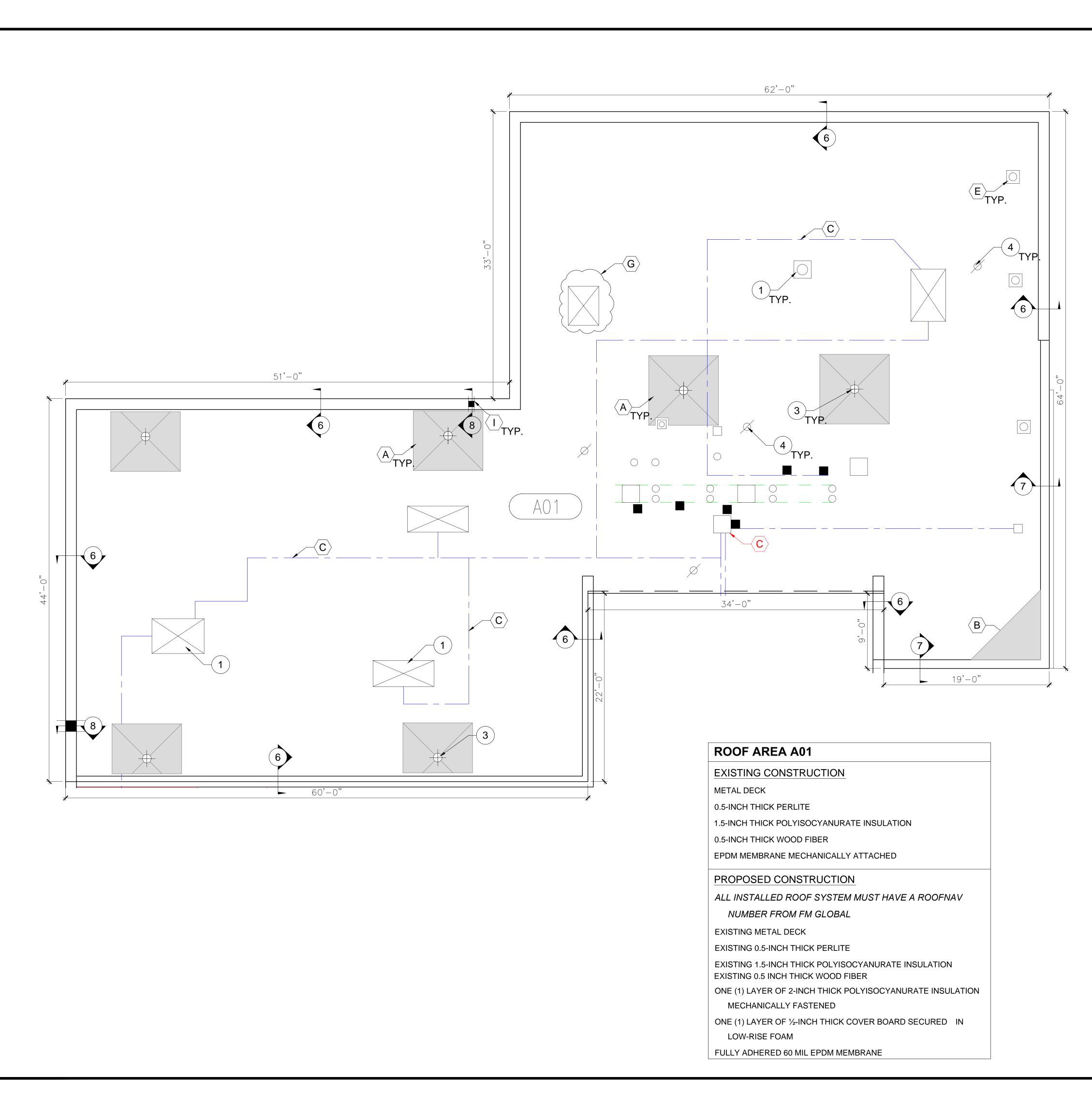
SCOPE OF WORK

DRAWING NAME SCOPE OF WORK DRAFTER DESIGNER

MG DATE CHECKED BY 3/17/23

SHEET NO.





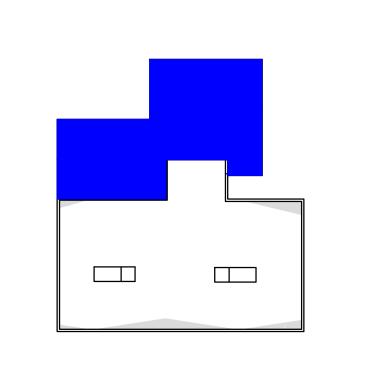
KEY NOTES:

- A REMOVE EXISTING INSULATION PROVIDE 8-FOOT X 8-FOOT TAPERED DRAINAGE SUMPS AT ROOF DRAIN LOCATIONS INDICATED ON THE ROOF PLAN. REFER TO DETAIL 3 AND SECTION 07 2100 FOR PRODUCT AND INSTALLATION REQUIREMENTS.
- B PROVIDE ROOF DRAINAGE SADDLES AND CRICKETS TO ACHIEVE A POSITIVE FINISHED ROOF SLOPE.
- C EXISTING GAS, CONDUIT AND SUPPLY LINES ON ROOF TEMPORARILY DISPLACE TO ALLOW FOR INSTALLATION OF NEW
 ROOF SYSTEM. PROVIDE NEW CONNECTIONS WHERE EXISTING IS
 DETERIORATED OR AS NEEDED TO RAISE LINES (OWNER).
 RE-INSTALL ON NEW PREFABRICATED SUPPORTS AND SET ON NEW
 WALKPADS (ROOFING CONTRACTOR). NOTE THAT DISCONNECTION
 AND RECONNECTION OF GAS AND CONDUIT LINES SHALL BE
 PERFORMED BY A CONTRACTOR LICENSED TO PERFORM THE
 SPECIFIED WORK.
- AT LOCATIONS INDICATED ON THE ROOF PLAN, INSTALL SPECIFIED WALKWAY PAD APPROVED BY THE ROOFING MEMBRANE MANUFACTURER. REFER TO THE ROOFING MEMBRANE SECTION FOR PRODUCT AND INSTALLATION REQUIREMENTS.
- E RAISE EXISTING ROOF CURBS AND/OR PROVIDE NEW,
 PRE-MANUFACTURED ROOF CURBS TO ACHIEVE 8-INCH MINIMUM
 FLASHING HEIGHT.
- F REMOVE AND DISCARD EXISTING BREATHER VENTS.
- G REMOVE EXISTING ABANDONED EQUIPMENT, PROJECTIONS, AND CURBS LEVEL WITH THE TOP OF THE STRUCTURAL ROOF DECK ELEVATION, AND REPAIR THE EXISTING STRUCTURAL ROOF DECK.
- H RAISE EXISTING MECHANICAL UNIT AND SUPPLY LINES AS NECESSARY TO ACCOMMODATE NEW ROOF SYSTEM THICKNESS. SET MECHANICAL UNIT ON RAIL CURBS (ROOFING CONTRACTOR). ALL ASSOCIATED MECHANICAL WORK SHALL BE COMPLETED BY LICENSED MECHANICAL / ELECTRICAL CONTRACTORS (OWNER)
- THROUGH-WALL OVERFLOW SCUPPER ADJUST HEIGHT OF SCUPPER AND SCUPPER OPENING SIZE AS NECESSARY TO ACCOMMODATE ROOF SYSTEM THICKNESS. REFER TO DETAIL 8 FOR FLASHING REQUIREMENTS.
- \langle J \rangle INSTALL NEW DRAIN INSERTS.



SCOTT R.
HOFFMAN
ENGINEER
No.
52575

REVISIONS				
NO.	DATE	BY	PROJECT/ ARCH ENGINEERING APPROVAL	APPROVAL
1	4/4/2023			
2				
3				



T KEY PLAN

IF THIS SHEET IS NOT 24 BY 36 INCHES, THEN USE GRAPHIC SCALE ACCORDINGLY



BAY ARENAC ISD 2023 ROOFING PROGRAM

EDUCATION SERVICE CENTER

> 4228 2 MILE RD. BAY CITY, MI. 48706

ROOF AREA A01

DRAWING NAME
ROOF AREA A01

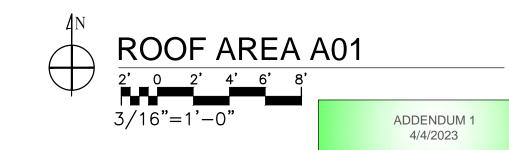
DRAFTER
DESIGNER

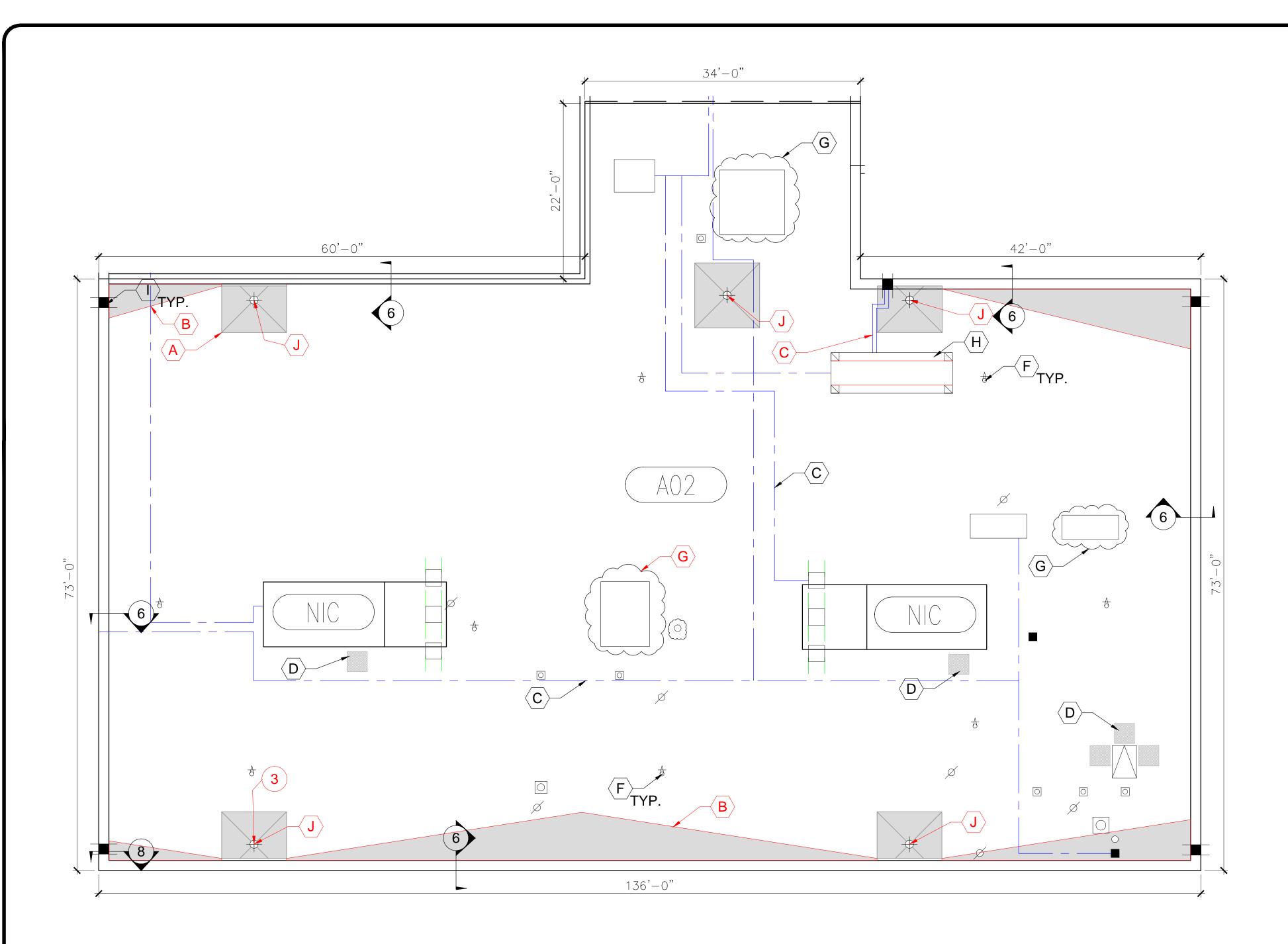
AB MG

DATE CHECKED BY

3/17/23 BB

SHEET NO.





ROOF AREA A02

EXISTING CONSTRUCTION

METAL DECK

ONE (1) LAYER 15/16 -INCH THICK FIBERGLASS INSULATION

ASPHALT BUILT-UP ROOF MEMBRANE (AGGREGATE)

0.5 -INCH EXTRUDED POLYSTYRENE INSULATION

THERMOPLASTIC MEMBRANE MECHANICALLY ATTACHED

PROPOSED CONSTRUCTION

ALL INSTALLED ROOF SYSTEM MUST HAVE A ROOFNAV
NUMBER FROM FM GLOBAL

EXISTING METAL DECK

EXISTING ONE (1) LAYER 15/16 -INCH THICK FIBERGLASS INSULATION

EXISTING ASPHALT BUILT-UP ROOF MEMBRANE

ONE (1) LAYER OF 3-INCH THICK POLYISOCYANURATE INSULATION MECHANICALLY FASTENED

ONE (1) LAYER OF ½-INCH THICK COVER BOARD SECURED IN LOW-RISE FOAM

FULLY ADHERED 60 MIL EPDM MEMBRANE

KEY NOTES:

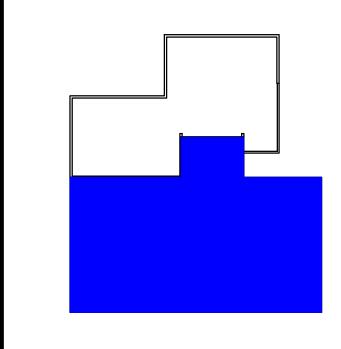
- A REMOVE EXISTING INSULATION PROVIDE 8-FOOT X 8-FOOT TAPERED DRAINAGE SUMPS AT ROOF DRAIN LOCATIONS INDICATED ON THE ROOF PLAN. REFER TO DETAIL 3 AND SECTION 07 2100 FOR PRODUCT AND INSTALLATION REQUIREMENTS.
- B PROVIDE ROOF DRAINAGE SADDLES AND CRICKETS TO ACHIEVE A POSITIVE FINISHED ROOF SLOPE.
- C EXISTING GAS, CONDUIT AND SUPPLY LINES ON ROOF TEMPORARILY DISPLACE TO ALLOW FOR INSTALLATION OF NEW
 ROOF SYSTEM. PROVIDE NEW CONNECTIONS WHERE EXISTING IS
 DETERIORATED OR AS NEEDED TO RAISE LINES (OWNER).
 RE-INSTALL ON NEW PREFABRICATED SUPPORTS AND SET ON NEW
 WALKPADS (ROOFING CONTRACTOR). NOTE THAT DISCONNECTION
 AND RECONNECTION OF GAS AND CONDUIT LINES SHALL BE
 PERFORMED BY A CONTRACTOR LICENSED TO PERFORM THE
 SPECIFIED WORK.
- AT LOCATIONS INDICATED ON THE ROOF PLAN, INSTALL SPECIFIED WALKWAY PAD APPROVED BY THE ROOFING MEMBRANE MANUFACTURER. REFER TO THE ROOFING MEMBRANE SECTION FOR PRODUCT AND INSTALLATION REQUIREMENTS.
- RAISE EXISTING ROOF CURBS AND/OR PROVIDE NEW,
 PRE-MANUFACTURED ROOF CURBS TO ACHIEVE 8-INCH MINIMUM
 FLASHING HEIGHT.
- $\langle \mathsf{F} \rangle$ REMOVE AND DISCARD EXISTING BREATHER VENTS.
- G REMOVE EXISTING ABANDONED EQUIPMENT, PROJECTIONS, AND CURBS LEVEL WITH THE TOP OF THE STRUCTURAL ROOF DECK ELEVATION, AND REPAIR THE EXISTING STRUCTURAL ROOF DECK.
- H RAISE EXISTING MECHANICAL UNIT AND SUPPLY LINES AS NECESSARY TO ACCOMMODATE NEW ROOF SYSTEM THICKNESS. SET MECHANICAL UNIT ON RAIL CURBS (ROOFING CONTRACTOR). ALL ASSOCIATED MECHANICAL WORK SHALL BE COMPLETED BY LICENSED MECHANICAL / ELECTRICAL CONTRACTORS (OWNER)
- THROUGH-WALL OVERFLOW SCUPPER ADJUST HEIGHT OF SCUPPER AND SCUPPER OPENING SIZE AS NECESSARY TO ACCOMMODATE ROOF SYSTEM THICKNESS. REFER TO DETAIL 8 FOR FLASHING REQUIREMENTS.
- J INSTALL NEW DRAIN INSERTS.



1 4/4/2023

NO. DATE BY PROJECT/ ARCH ENGINEERING APPROVAL APPROVAL

REVISIONS



** KEY PLAN

IF THIS SHEET IS NOT 24 BY 36 INCHES, THEN USE GRAPHIC SCALE ACCORDINGLY



BAY ARENAC ISD 2023 ROOFING PROGRAM

EDUCATION SERVICE CENTER

> 4228 2 MILE RD. BAY CITY, MI. 48706

ROOF AREA A02

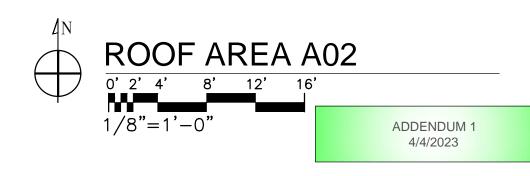
DRAWING NAME
ROOF AREA A02

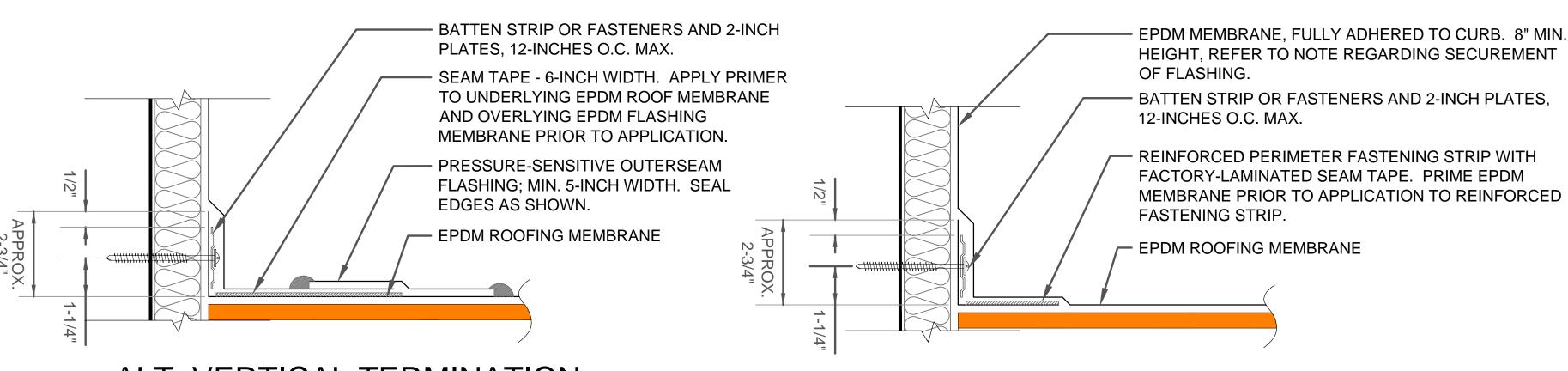
DRAFTER DESIGNER

DATE CHECKED BY

3/17/23 BB

SHEET NO.





ALT. VERTICAL TERMINATION TWO PIECE FLASHING

FOR USE WHERE HORIZONTAL TERMINATION OF EPDM MEMBRANE IS NOT POSSIBLE

MECHANICAL CONNECTIONS RELATED TO

THE DISPLACEMENT AND RE-INSTALLATION

OF ROOFTOP UNITS SHALL BE PERFORMED

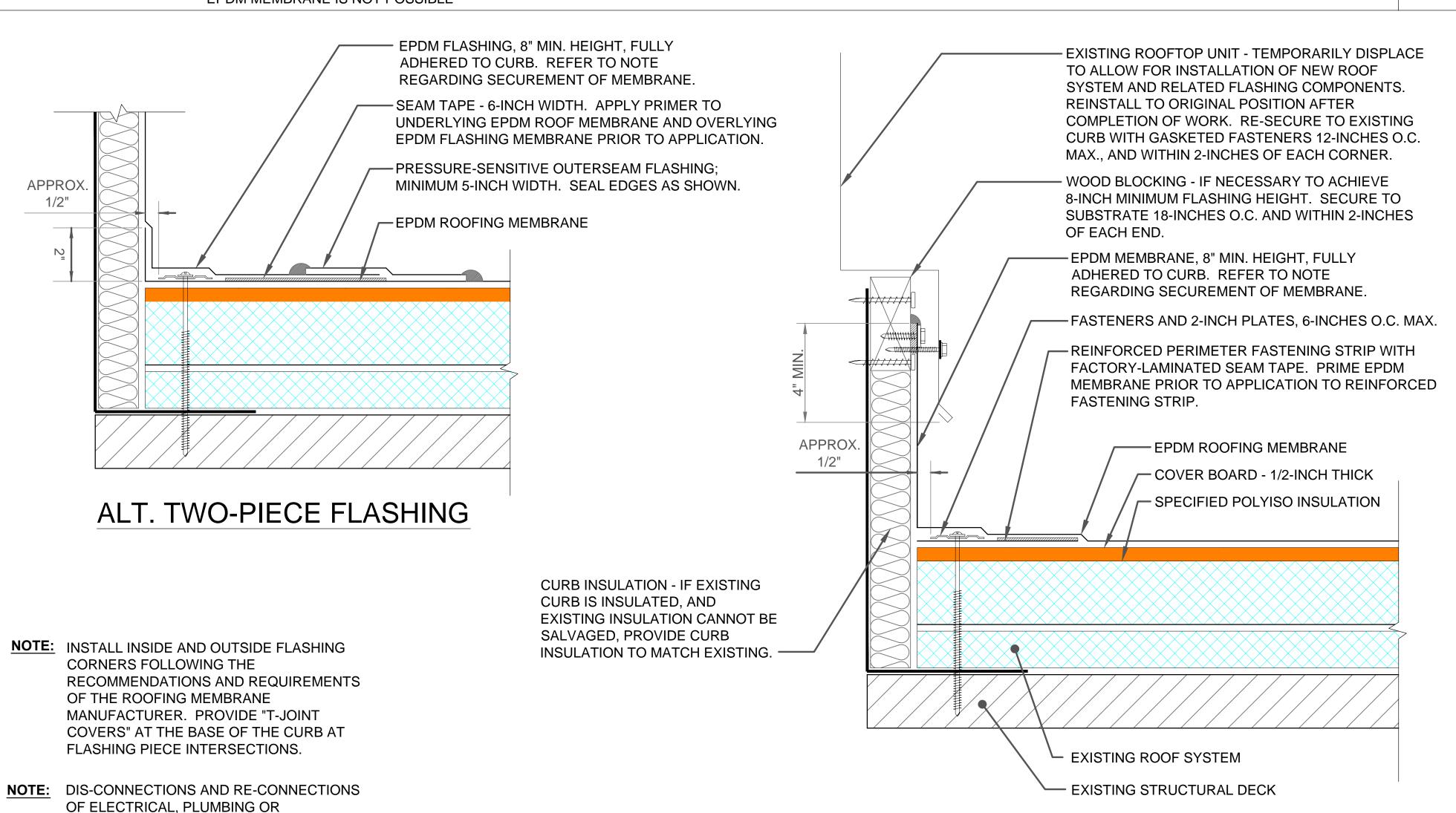
SUCH WORK. COORDINATE THIS WORK

WITH THE OWNER.

BY A CONTRACTOR LICENSED TO PERFORM

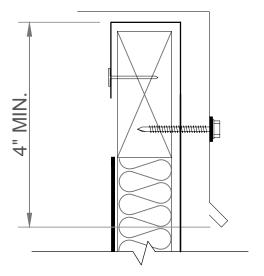
ALT. VERTICAL MEMBRANE TERMINATION

FOR USE WHERE HORIZONTAL TERMINATION OF EPDM MEMBRANE IS NOT POSSIBLE



DETAIL 1 -ROOF CURB FLASHING

SCALE: NONE



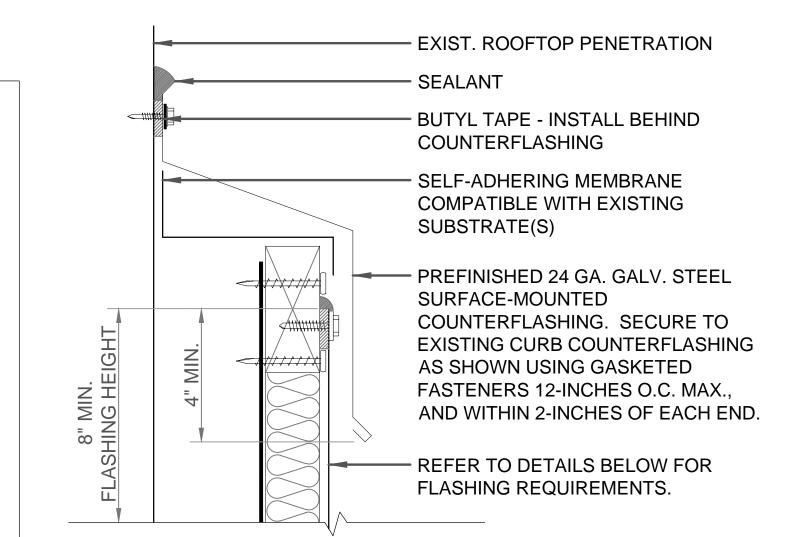
ALT. SECUREMENT

SECURE TOP EDGE OF FLASHING USING AN ALUMINUM TERMINATION BAR SECURED 12-INCHES O.C., MAX., AND WITHIN 2-INCHES OF EACH END. PRIOR TO TERMINATION BAR INSTALLATION, INSTALL MANUFACTURERS RECOMMENDED SEALANT BEHIND FLASHING WHERE TERMINATION BAR WILL BE PLACED. SEAL TOP EDGE OF FLASHING AND TERMINATION BAR AFTER INSTALLATION.

ALT. NOTE: WRAP EPDM MEMBRANE FLASHING OVER THE TOP OF THE CURB AND SECURE TO

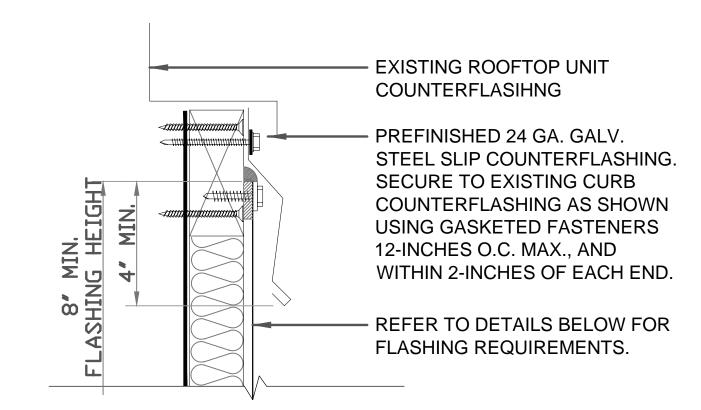
THE INSIDE OF THE CURB WITH 1" METAL CAP NAILS AT 6" O.C. MAXIMUM.

MEMBRANE SECUREMENT



ALT. COUNTERFLASHING NO. 2

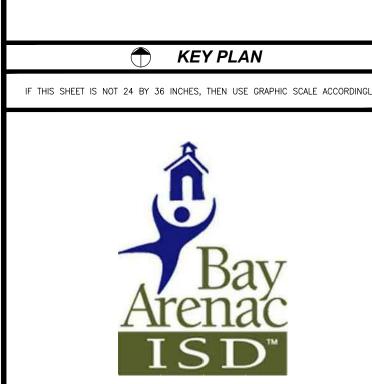
FOR USE WHERE APPROVED AND WHERE EXISTING CURB IS SEPARATED FROM THE EXISTING ROOFTOP PENETRATION



ALT. COUNTERFLASHING NO. 1

FOR USE WHERE APPROVED AND WHERE EXISTING
ROOFTOP UNIT CANNOT BE DISPLACED TO ALLOW FOR
FLASHING, OR WHERE GAP BETWEEN EXISTING
ROOFTOP UNIT COUNTERFLASHING AND CURB IS TOO
NARROW TO ACCOMMODATE FLASHING





BAY ARENAC ISD 2023 ROOFING PROGRAM

EDUCATION SERVICE CENTER

> 4228 2 MILE RD. BAY CITY, MI. 48706

ROOF CURB FLASHING

DETAIL #

1

DRAFTER

AB

DESIGNER

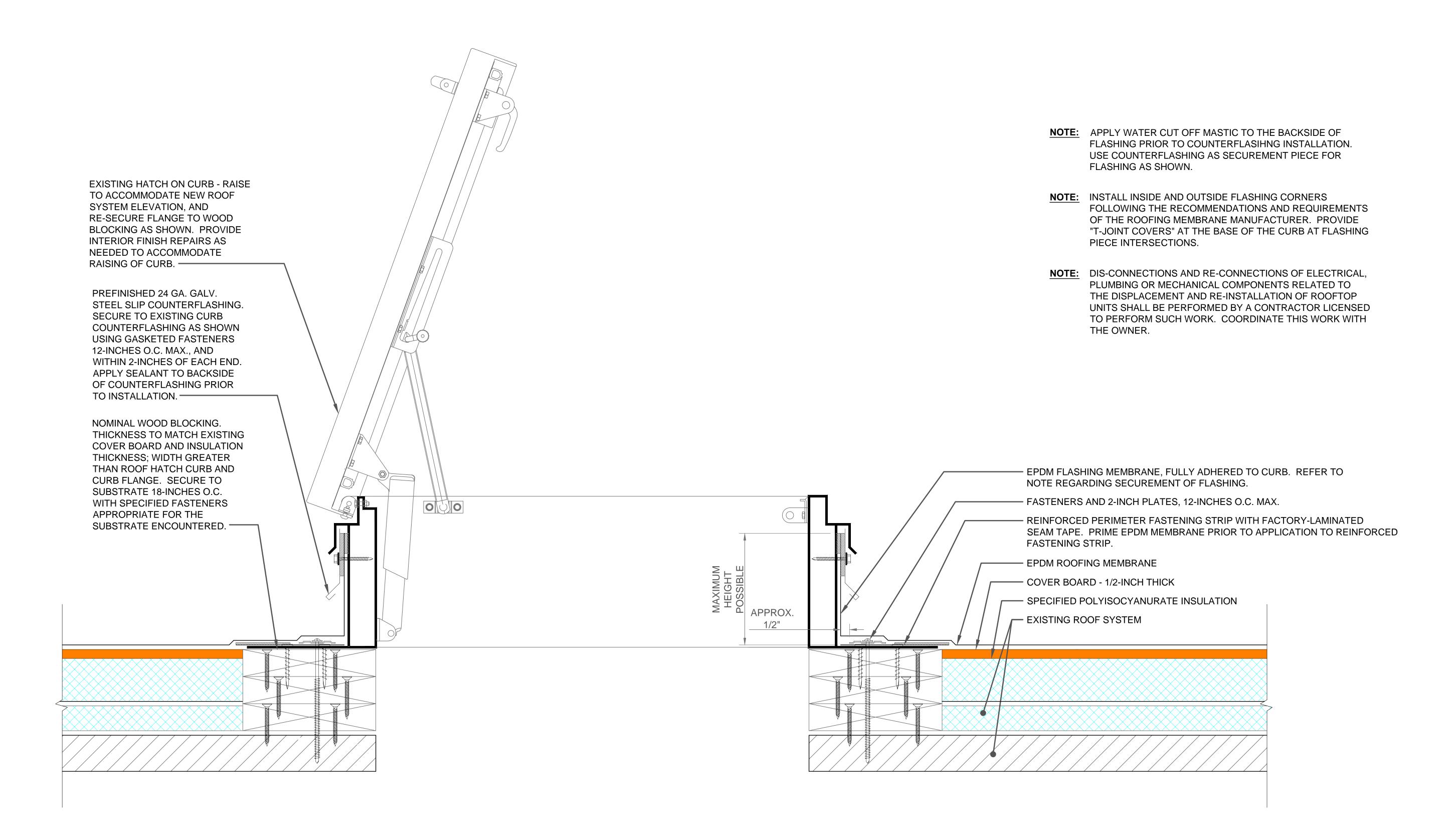
MG

DATE

CHECKED BY

BB

SHEET NO.



DETAIL 2 -ROOF HATCH CURB FLASHING

SCALE: NONE



SCOTT R.
HOFFMAN
ENGINEER
No.
52575

REVISIONS				
NO.	DATE	BY	PROJECT/ ARCH ENGINEERING APPROVAL	APPROVAL
1				
2				
3				

⊕ KEY PLAN

IF THIS SHEET IS NOT 24 BY 36 INCHES, THEN USE GRAPHIC SCALE ACCORDINGLY



BAY ARENAC ISD 2023 ROOFING PROGRAM

EDUCATION SERVICE CENTER

> 4228 2 MILE RD. BAY CITY, MI. 48706

ROOF HATCH FLASHING

DETAIL #

DRAFTER

AB

MG

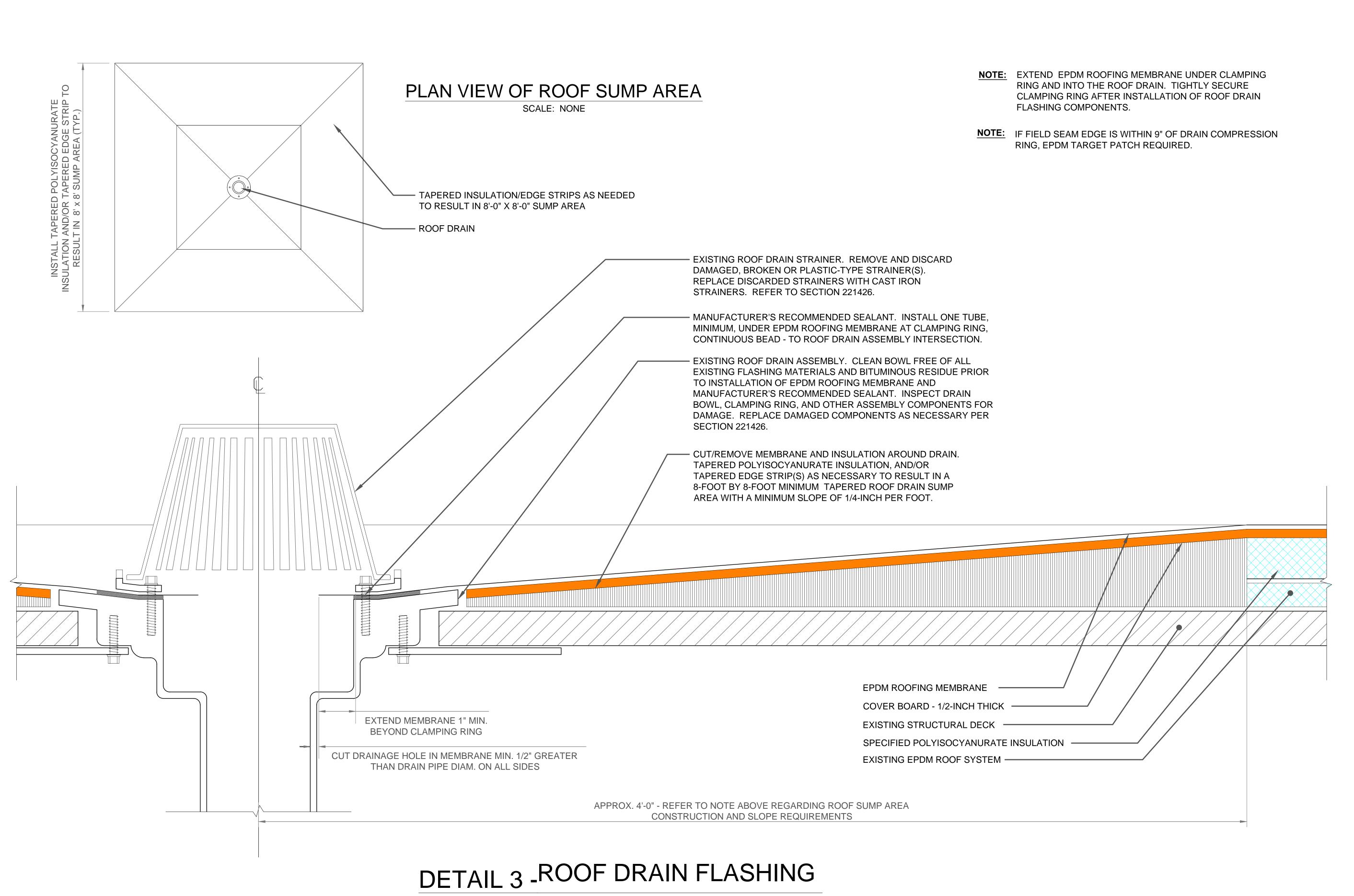
DATE

CHECKED BY

3/17/23

BB

SHEET NO.



SCALE: NONE

B74
BUILDING TECHNOLOGY ASSOCIATES

Building Technology Associates, Inc. 21850 Greenfield Rd. Oak Park, MI 48237-2507



2
1
NO. DATE BY PROJECT/ ARCH ENGINEERING APPROVAL APPROVAL

REVISIONS

♦ KEY PLAN

IF THIS SHEET IS NOT 24 BY 36 INCHES, THEN USE GRAPHIC SCALE ACCORDINGLY



BAY ARENAC ISD 2023 ROOFING PROGRAM

EDUCATION SERVICE CENTER

> 4228 2 MILE RD. BAY CITY, MI. 48706

ROOF DRAIN FLASHING

DETAIL #

DRAFTER DESIGNER

AB MG

DATE CHECKED BY

3/17/23 BB

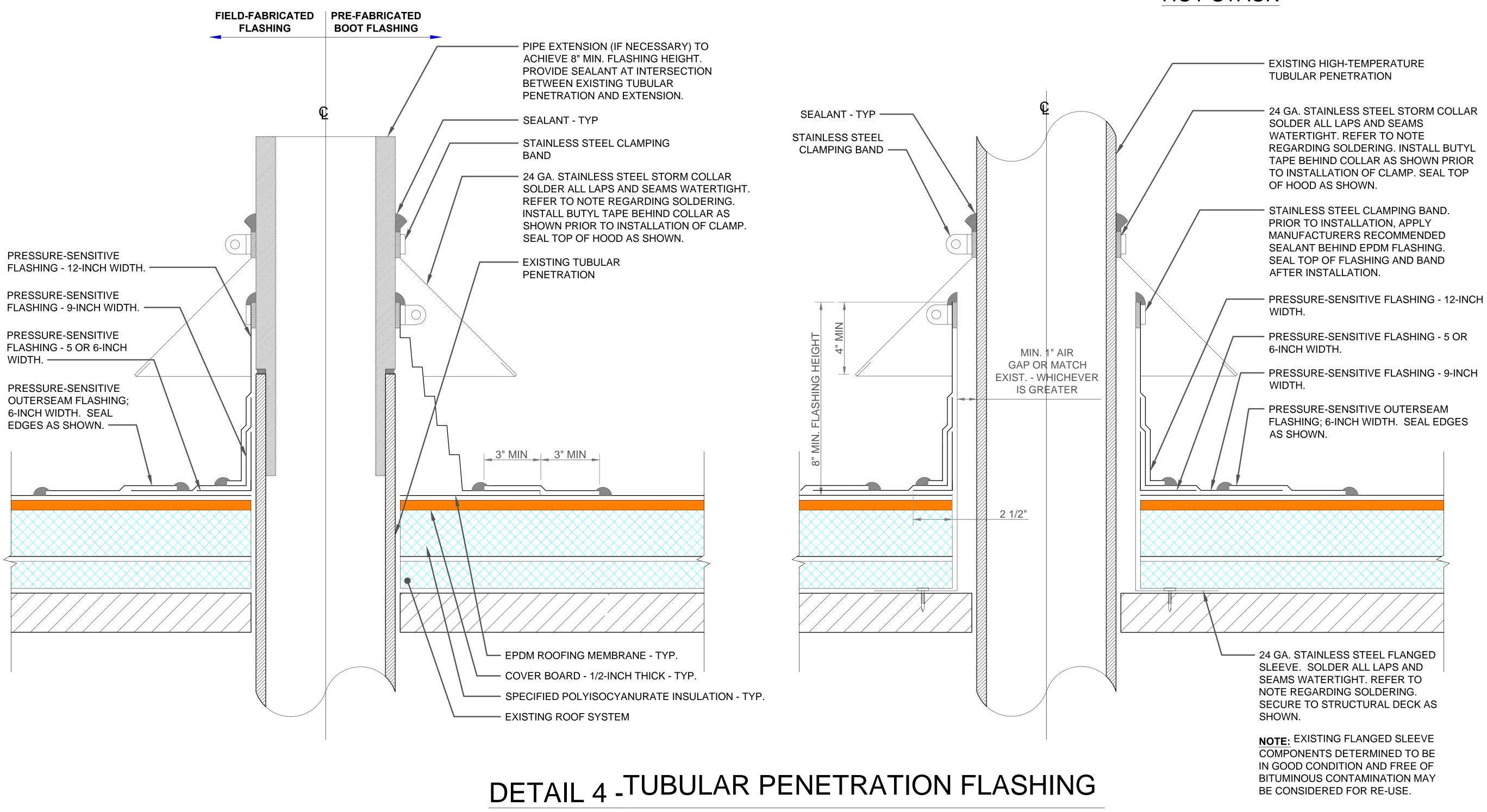
SHEET NO.

NOTE: PRIOR TO SOLDERING OF STAINLESS STEEL, CLEAN WORK AREA USING SOLVENTS AND WIRE BRUSH; REMOVING DIRT, OIL, GREASE, AND OTHER CONTAMINANTS FROM THE WORK AREA. TIN THE WORK AREA BY APPLYING ACID (FLUX). PERFORM SOLDERING WORK. AFTER COMPLETION OF WORK, REMOVE EXCESS ACID (FLUX) FROM THE WORK AREA.

RECEIVE PRESSURE SENSITIVE OUTER SEAM FLASHING PRIOR TO APPLICATION.

NOTE: APPLY PRIMER TO ALL SURFACES WHICH WILL **NOTE:** WHEN OUTSIDE DIAMETER OF THE PIPE EXCEEDS 18", ADDITIONAL FIELD MEMBRANE SECUREMENT REQUIRED. REFER TO MANUFACTURER'S DETAILS.

HOT STACK



SCALE: NONE

Building Technology Associates, Inc. 21850 Greenfield Rd. Oak Park, MI 48237-2507 **HOFFMAN ENGINEER** NO. DATE BY PROJECT/ ARCH ENGINEERING APPROVAL APPROVAL REVISIONS ** KEY PLAN IF THIS SHEET IS NOT 24 BY 36 INCHES, THEN USE GRAPHIC SCALE ACCORDINGLY $ISD^{\mathbb{N}}$ BAY ARENAC ISD 2023 ROOFING PROGRAM **EDUCATION SERVICE CENTER** 4228 2 MILE RD. BAY CITY, MI. 48706

TUBULAR PENETRATION **FLASHING**

DETAIL #	
DRAFTER	DESIGNER
AB	MG

SHEET NO.

3/17/23

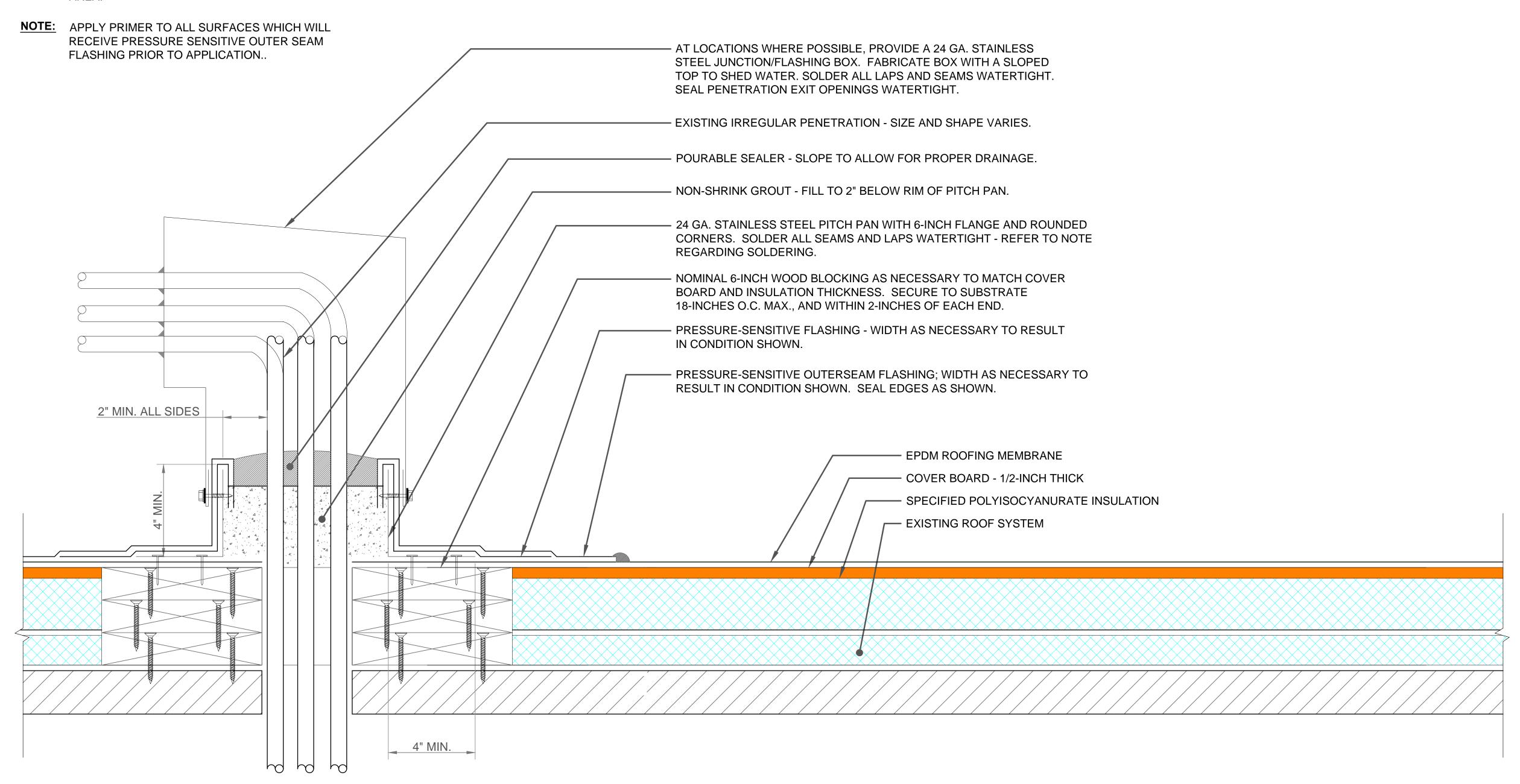
8 OF 12

CHECKED BY

NOTE: DO NOT USE PITCH PANS AT TUBULAR PENETRATIONS

WITHOUT PRIOR OWNER APPROVAL.

PRIOR TO SOLDERING OF STAINLESS STEEL, CLEAN WORK AREA USING SOLVENTS AND WIRE BRUSH; REMOVING DIRT, OIL, GREASE, AND OTHER CONTAMINANTS FROM THE WORK AREA. TIN THE WORK AREA BY APPLYING ACID (FLUX). PERFORM SOLDERING WORK. AFTER COMPLETION OF WORK, REMOVE EXCESS ACID (FLUX) FROM THE WORK AREA.



DETAIL 5 -PITCH PAN FLASHING

SCALE: NONE



Building Technology Associates, Inc. 21850 Greenfield Rd. Oak Park, MI 48237-2507



REVISIONS				
NO.	DATE	BY	PROJECT/ ARCH ENGINEERING APPROVAL	APPROVAL
1				
2				
3				

↑ KEY PLAN

IF THIS SHEET IS NOT 24 BY 36 INCHES, THEN USE GRAPHIC SCALE ACCORDINGLY





BAY ARENAC ISD 2023 ROOFING PROGRAM

EDUCATION SERVICE CENTER

> 4228 2 MILE RD. BAY CITY, MI. 48706

PITCH PAN FLASHING

DETAIL #

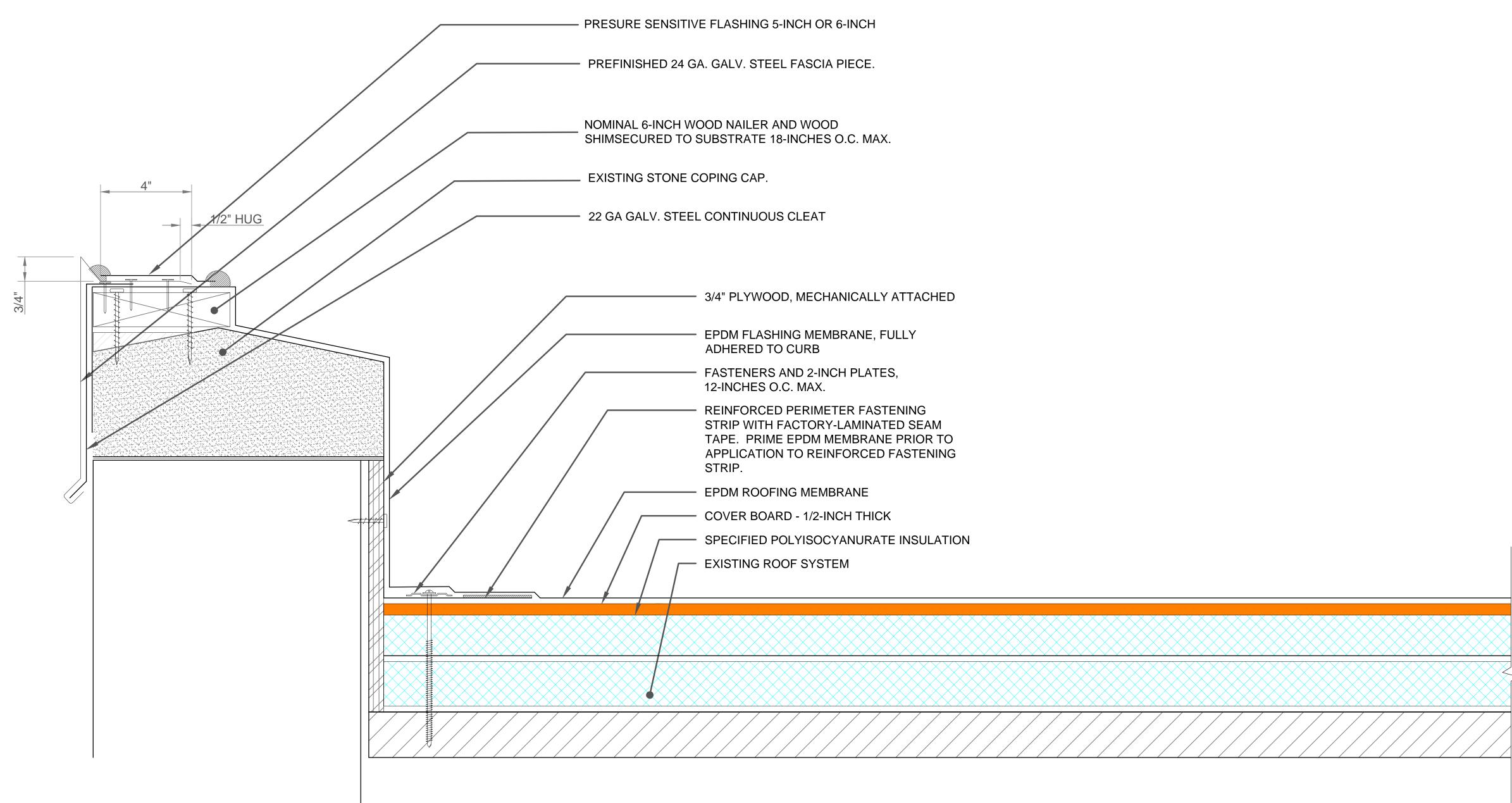
DESIGNER

AB MG

DATE CHECKED BY

3/17/23 BB

SHEET NO.



NOTE: AT ROOF CURB/WALL FLASHING HEIGHTS GREATER THAN 24-INCHES: PROVIDE INTERMEDIATE SECUREMENT PER THE REQUIREMENTS AND RECOMMENDATIONS OF THE EPDM ROOFING MEMBRANE MANUFACTURER.

DETAIL 6 -PARAPET WALL FLASHING

SCALE: NONE

PRIOR TO INSTALLATION OF NEW FLASHING AND COUNTERFLASHING, INSPECT EXISTING WALLS FOR THE PRESENCE OF MASONRY WEEPS AND OTHER WALL DRAINAGE MECHANISMS. DO NOT COVER WEEPS, OR IMPEDE THE ABILITY OF MOISTURE TO EXIT WALL SYSTEMS.

NOTE: INSTALL INSIDE AND OUTSIDE FLASHING CORNERS FOLLOWING
THE RECOMMENDATIONS AND REQUIREMENTS OF THE ROOFING
MEMBRANE MANUFACTURER. PROVIDE "T-JOINT COVERS" AT THE
BASE OF THE CURB AT FLASHING PIECE INTERSECTIONS.



SCOTT R.
HOFFMAN
ENGINEER
No.
52575

2
1
NO. DATE BY PROJECT/ ARCH ENGINEERING APPROVAL APPROVAL

REVISIONS

** KEY PLAN

IF THIS SHEET IS NOT 24 BY 36 INCHES, THEN USE GRAPHIC SCALE ACCORDINGLY



BAY ARENAC ISD 2023 ROOFING PROGRAM

EDUCATION SERVICE CENTER

> 4228 2 MILE RD. BAY CITY, MI. 48706

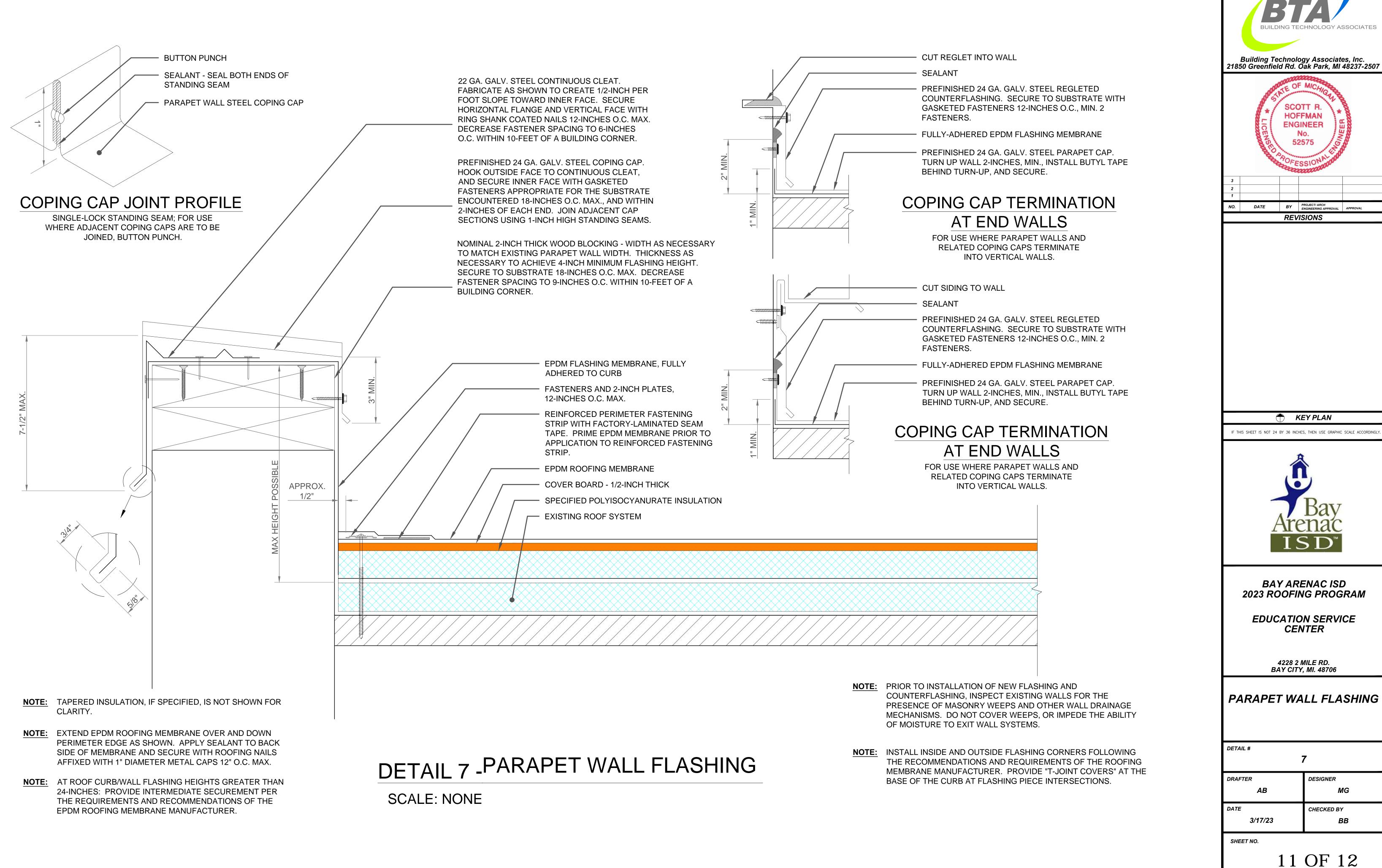
PARAPET WALL FLASHING

DETAIL #

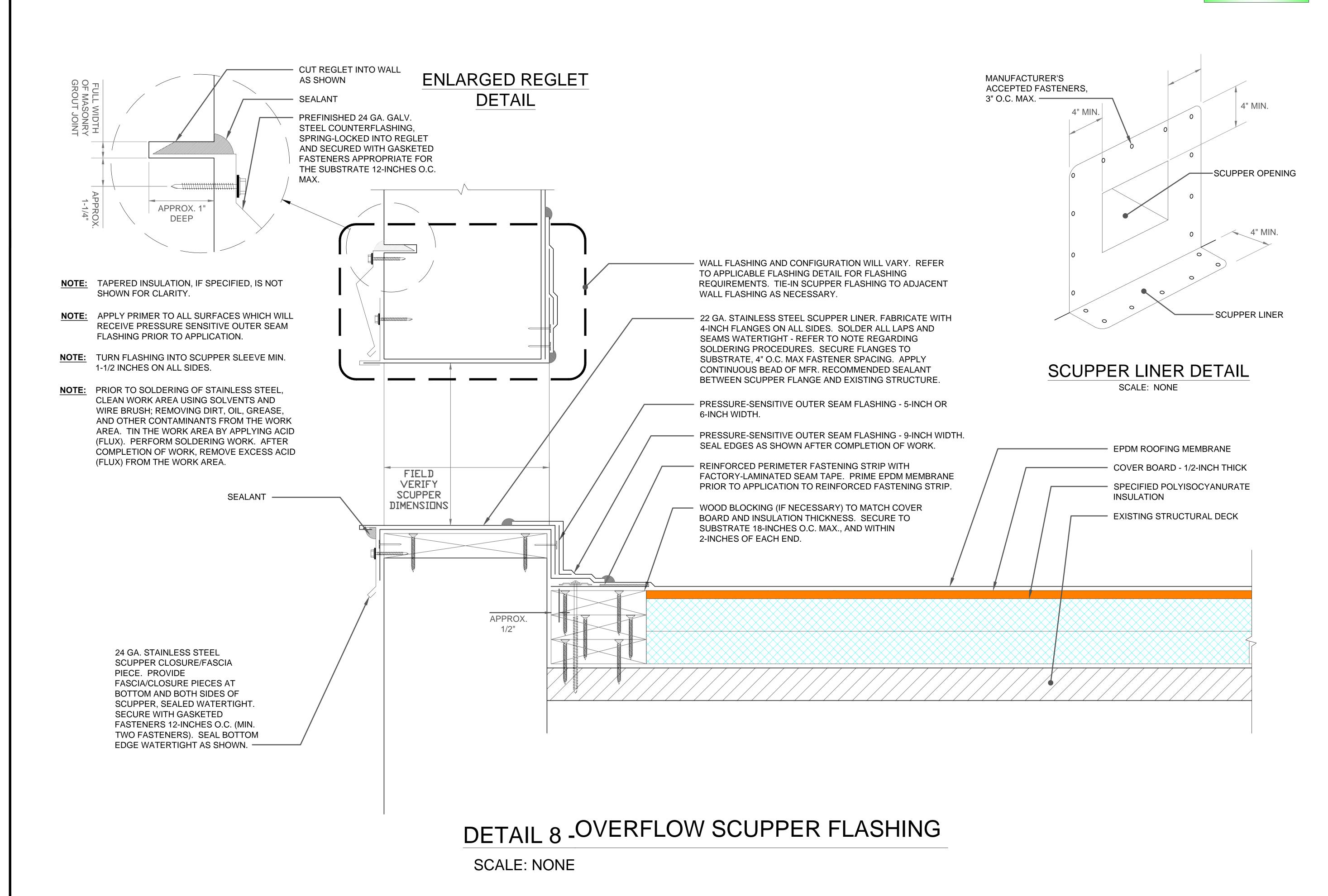
DRAFTER
AB
MG

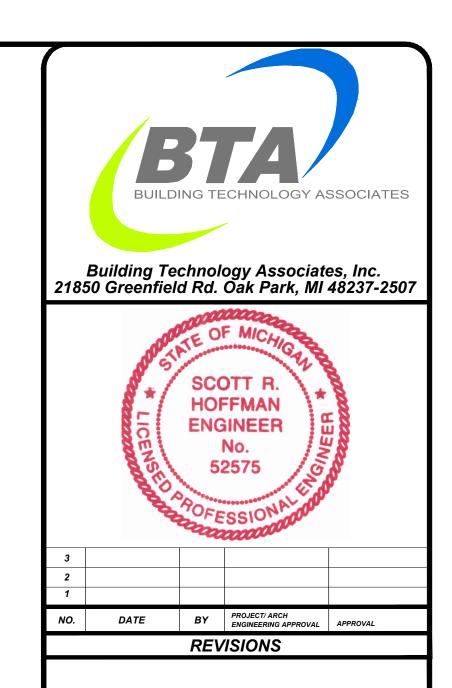
DATE
CHECKED BY
3/17/23
BB

SHEET NO.



IF THIS SHEET IS NOT 24 BY 36 INCHES, THEN USE GRAPHIC SCALE ACCORDING





** KEY PLAN

IF THIS SHEET IS NOT 24 BY 36 INCHES, THEN USE GRAPHIC SCALE ACCORDINGL



BAY ARENAC ISD 2023 ROOFING PROGRAM

EDUCATION SERVICE CENTER

> 4228 2 MILE RD. BAY CITY, MI. 48706

OVERFLOW SCUPPER FLASHING

DETAIL #

8

DRAFTER DESIGNER

AB MG

DATE CHECKED BY

SHEET NO.

3/17/23