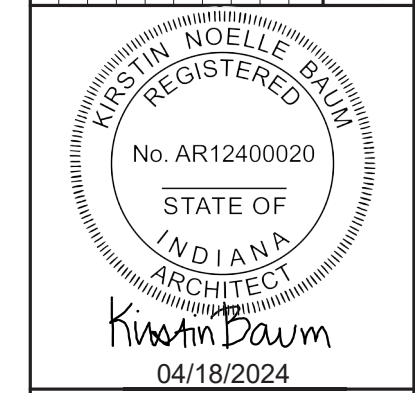


1  
A101  
**ROOF PLAN**  
1" = 30'-0"

**ROOF PLAN GENERAL NOTES**

- DO NOT SCALE DRAWINGS
- ROOFS SHALL SLOPE TO ROOF DRAINS
- REFER TO SPECIFICATIONS FOR EACH ITEM PRESENTED WITHIN THE DRAWING SET.
- CONTRACTOR TO PROVIDE SEALANT (COLORS TO BE SELECTED BY ARCHITECT) BETWEEN DISSIMILAR MATERIALS.
- GENERAL CONTRACTOR IS TO VERIFY ALL EXISTING CONDITIONS PRIOR TO BEGINNING CONSTRUCTION. NOTIFY THE ARCHITECT/ENGINEER IMMEDIATELY IF EXISTING CONDITIONS INVALIDATE DRAWINGS OR WHEN QUESTIONS ARISE REGARDING THE INTENT OF THE DRAWINGS. MAINTAIN SLOPES ON EXISTING ROOF SURFACES AND REPLACE ANY WATER DAMAGED ROOF INSULATION.
- ELECTRICAL CONTRACTOR WILL REPLACE ANY AND ALL BROKEN ELECTRICAL CONDUIT ON ROOFTOP. REPLACE ALL DAMAGED WIRING TO ROOF TOP EQUIPMENT. REPLACE ANY BROKEN JUNCTION BOXES.
- EXISTING ROOF DRAIN, GC'S PLUMBER TO CHECK AND UNCLG ALL ROOF DRAINS. REPLACE ALL MISSING & BROKEN COVERS & STRAINERS.
- ROOFING CONTRACTOR TO FIND AND RESOLVE ANY ROOF LEAKS, REPAIR OR REPLACE ROOF MEMBRANE AS NEEDED, SEAL GAPS/CRACKS AT EQUIPMENT CURBS/PENETRATIONS ETC. INSTALL NEW FLASHING AT ROOF TOP EQUIPMENT AS NEEDED AND CLEAN ROOF SURFACES OF ACCUMULATED DIRT, DEBRIS, & ORGANIC GROWTH.
- CONTRACTOR TO PROVIDE NEW CURB AND CURB FLASHING, BOOTS, AND ANY REQUIRED PARTS AT ANY PENETRATIONS IN RE-ROOF AREAS AS PART OF BID FOR THAT AREA AND CONNECTIONS TO ADJACENT AREA NOT BEING REMOVED.
- REMOVE/REPLACE ANY DAMAGED/WET INSULATION
- REMOVE/REPLACE DAMAGED METAL DECK.
- FOR EACH AREA, REMOVE THE TOP MEMBRANE OF THE EXISTING ROOF SYSTEM, BROOM AND CLEAN AREA.
- INSPECT THE EXISTING DECK FOR ANY DEFICIENCIES. ALL REPAIRS OUTSIDE OF THE PROPOSAL MUST BE APPROVED BY THE OWNER.
- ADD ROOF INSULATION AS NEEDED MAINTAINING AN INSULATION VALUE AT OR ABOVE R-20.
- PROVIDE AND INSTALL NEW SARNAFIL 60 MIL S-327 WHITE PVC MEMBRANE ROOF SYSTEM, FULLY ADHERED. INSTALL SARANFIL 60 MIL G-410 WHITE MEMBRANE FLASHING. WHERE BASE FLASHING IS CONTAMINATED, INSTALL SARNAFIL 60 MIL G-459 WHITE MEMBRANE.
- FLASH ALL VERTICAL AND HORIZONTAL TERMINATIONS TO MANUFACTURERS' SPECIFICATIONS.
- PROVIDE AND INSTALL NEW PERIMETER COPING, COUNTERFLASHING, AND INSERTS COUNTERFLASHING MANUFACTURED FROM 24-GAUGE PRE-FINISHED STEEL.
- CLEAR AND REMOVE ALL DEBRIS FROM SITE.
- PROVIDE A 20-YEAR NO DOLLAR LIMIT LABOR AND MATERIALS WATER-TIGHT ROOFING SYSTEM WARRANTY.
- EXTEND ANY EXISTING PENETRATIONS AND CURBS AS NEEDED DUE TO ADDED INSULATION.

REV	DESCRIPTION	BY	DATE



**JONES  
PETRIE  
RAFINSKI**  
South Bend, IN  
p: 574.232.4388










**JR**  
Fort Wayne, IN  
p: 360.422.2522

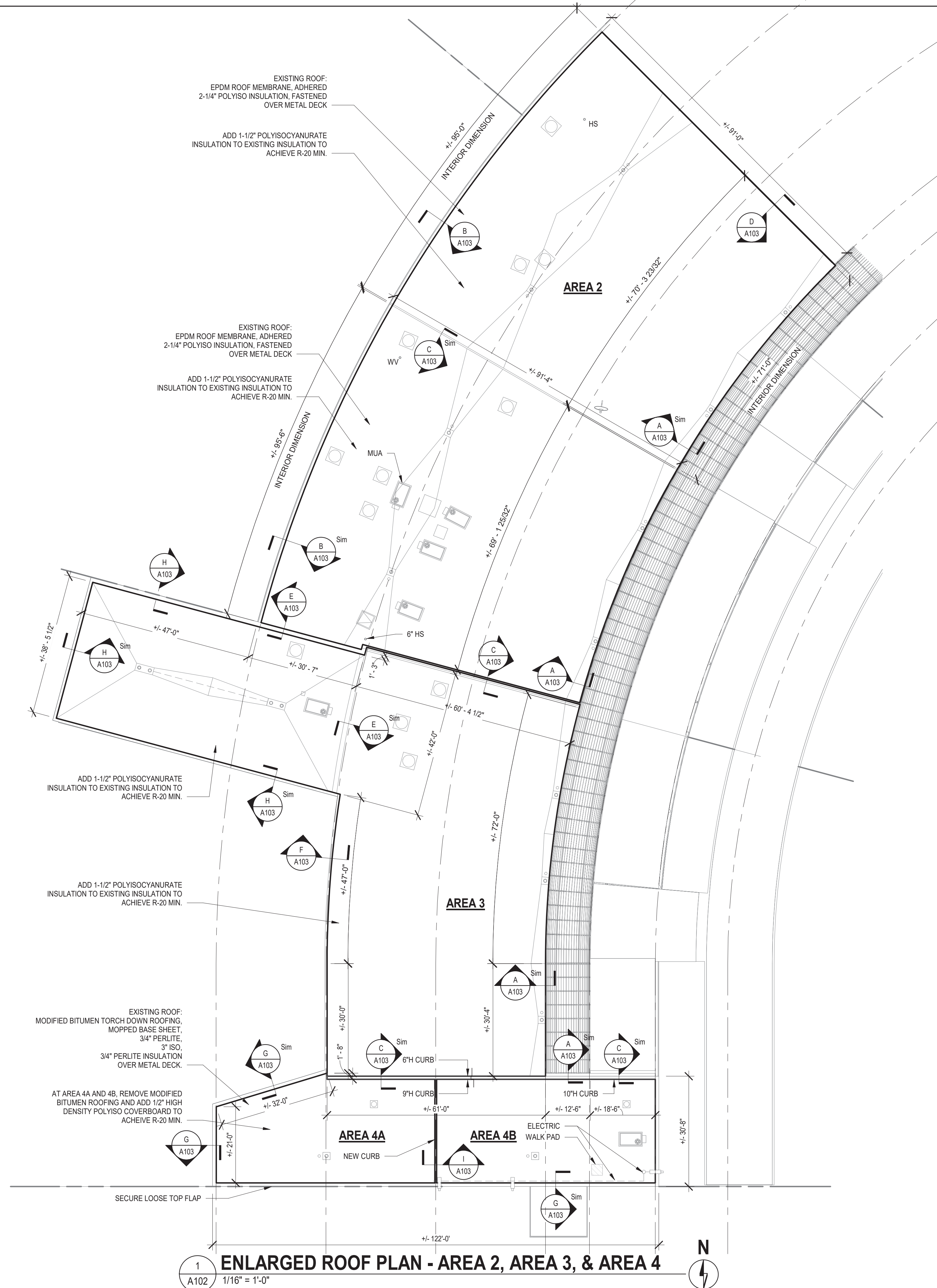
**SOUTH BEND INTERNATIONAL AIRPORT ROOF REPAIR - PHASE 3**  
**SOUTH BEND AIRPORT**  
ROOF PLAN

DESIGNED BY: EJK, KNB
REVIEWED BY: EJK, KNB
DRAWN BY: EJM, KNB
DATE: 04/17/2024
JOB NUMBER: 2024-0017
SCALE: As indicated
A101

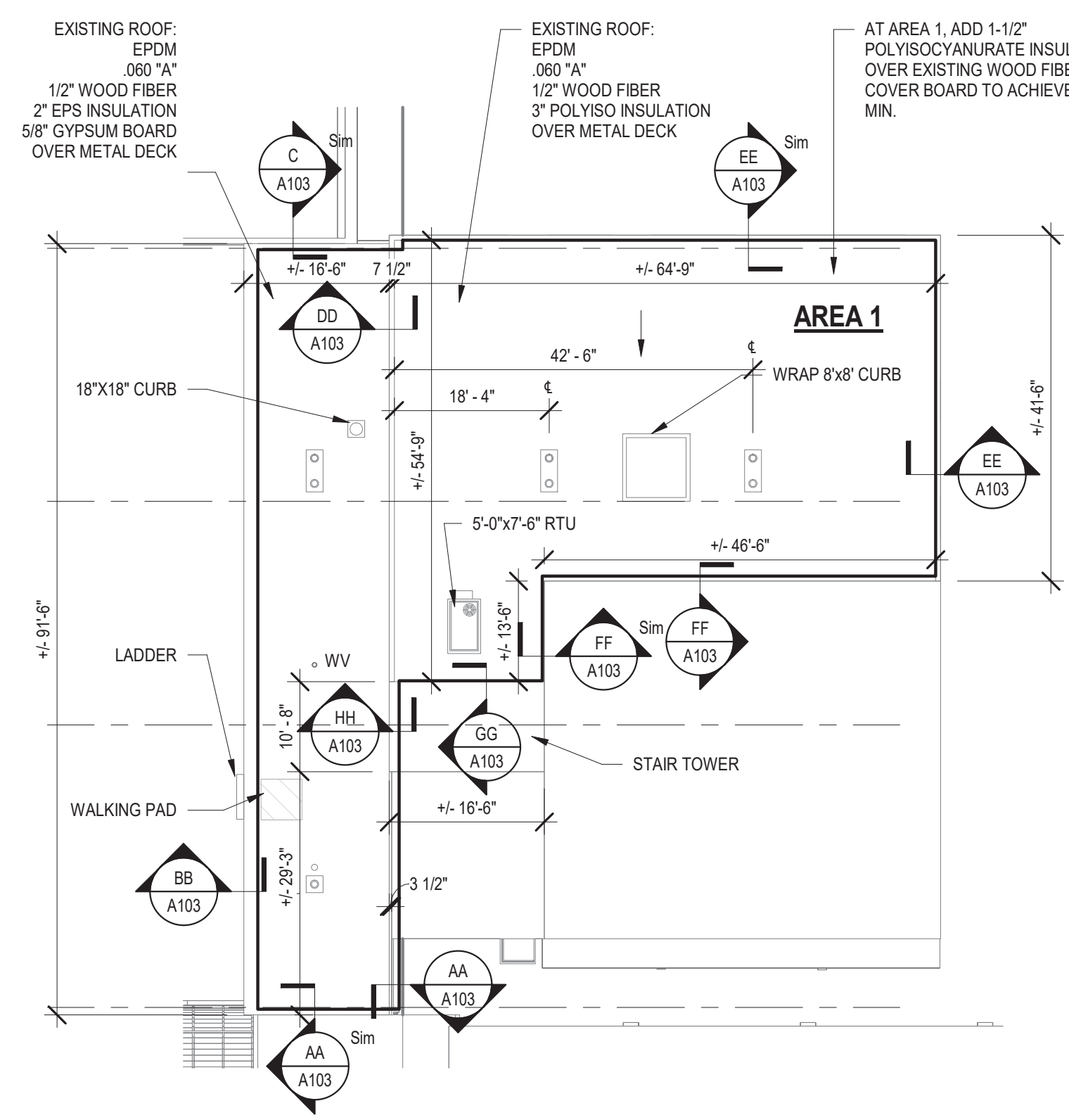
4/17/2024 3:33:40 PM

ROOF PLAN SYMBOL LEGEND

-  ROOF HATCH
-  ROOFTOP UNIT
-  SATELLITE
-  HEAT STACK
-  WASTE VENT
-  EXHAUST FAN CURB
-  ROOF DRAIN WITH STUBBED PIPE OVERFLOW
-  ROOF DRAIN WITH GANGED OVERFLOW
-  SECURITY CAMERA

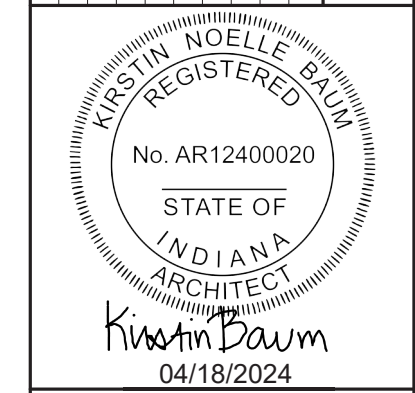


1 ENLARGED ROOF PLAN - AREA 2, AREA 3, & AREA 4  
1/16" = 1'-0"



2 ENLARGED ROOF PLAN - AREA 1  
1/16" = 1'-0"

REV	DESCRIPTION	BY	DATE

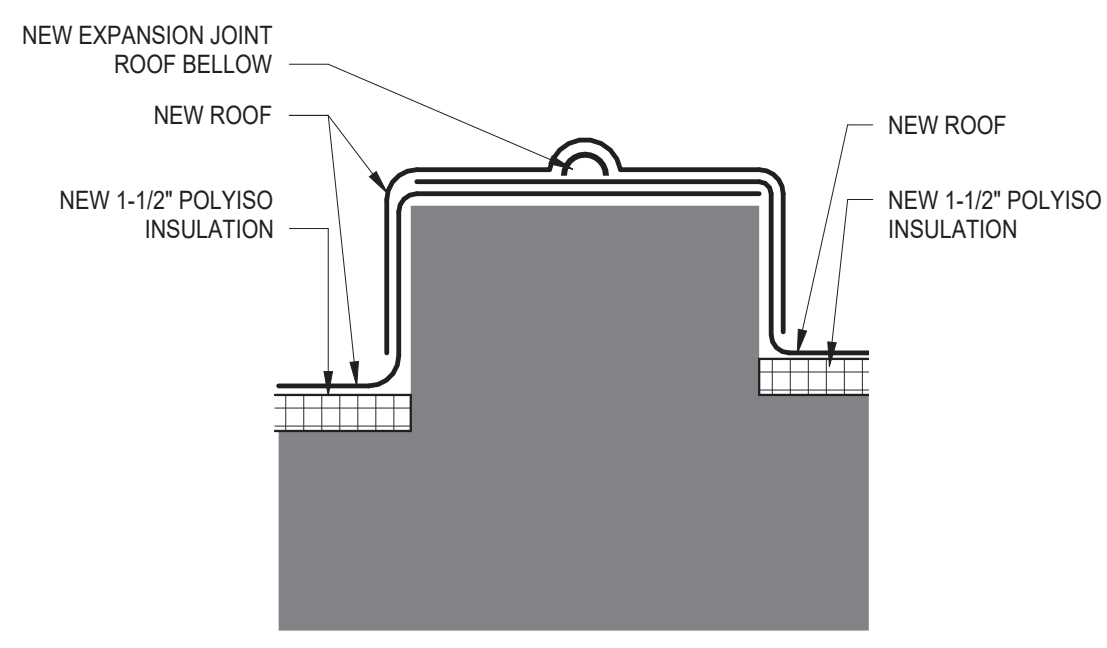


**JONES**  
**PETRIE**  
**RAFINSKI**

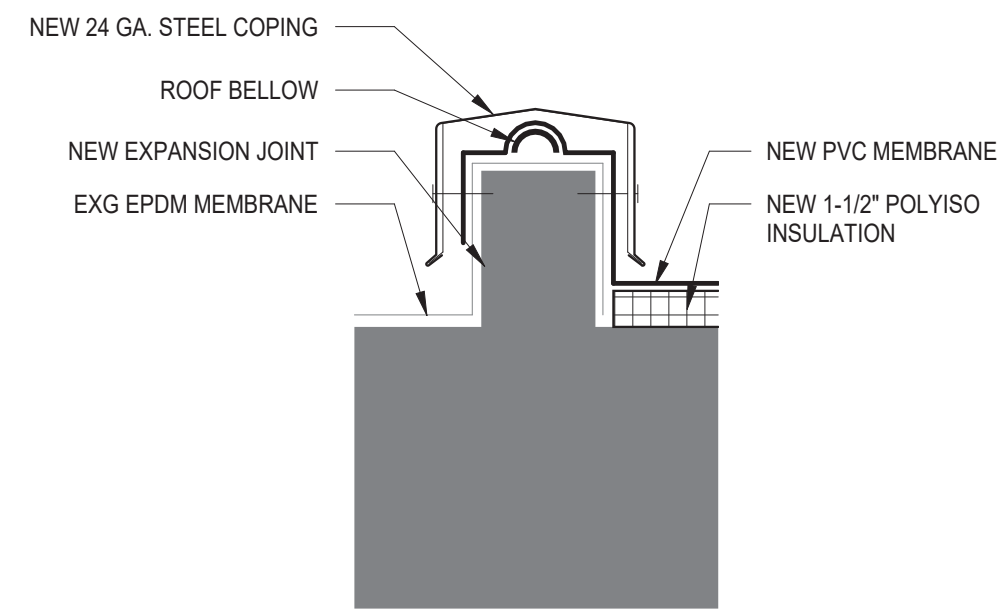
South Bend, IN  
Fort Wayne, IN  
p: 360.422.2522  
p: 574.232.4388

SOUTH BEND INTERNATIONAL AIRPORT ROOF  
REPAIR - PHASE 3  
SOUTH BEND AIRPORT  
ENLARGED ROOF PLAN

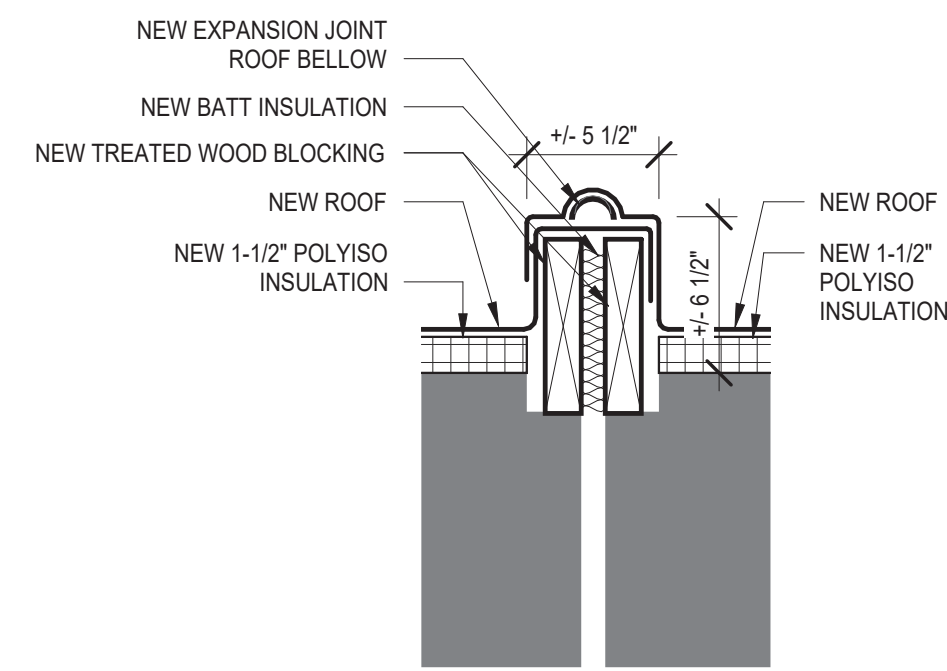
DESIGNED BY: EJK, KNB
REVIEWED BY: EJK, KNB
DRAWN BY: KNB
DATE: 04/17/2024
JOB NUMBER: 2024-0017
SCALE: 1/16" = 1'-0"
A102



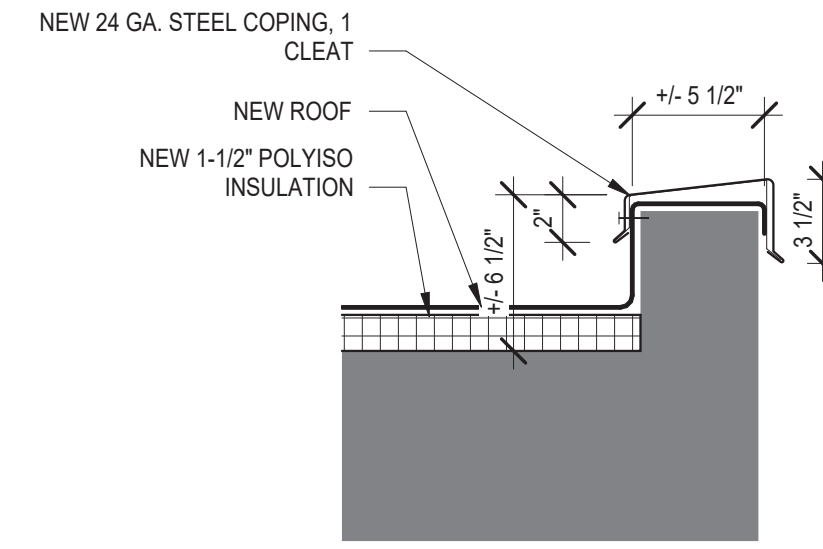
**E** **DETAIL @ EXPANSION JOINT CURB**  
A103 1 1/2" = 1'-0"



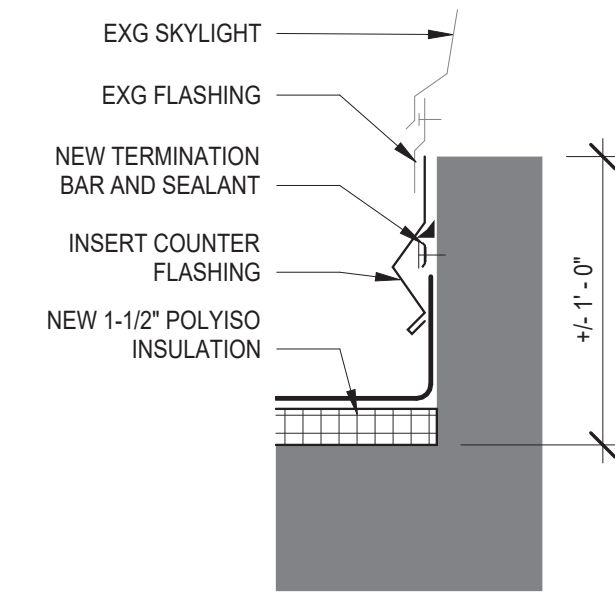
**D** **DETAIL @ EXPANSION JOINT CURB**  
A103 1 1/2" = 1'-0"



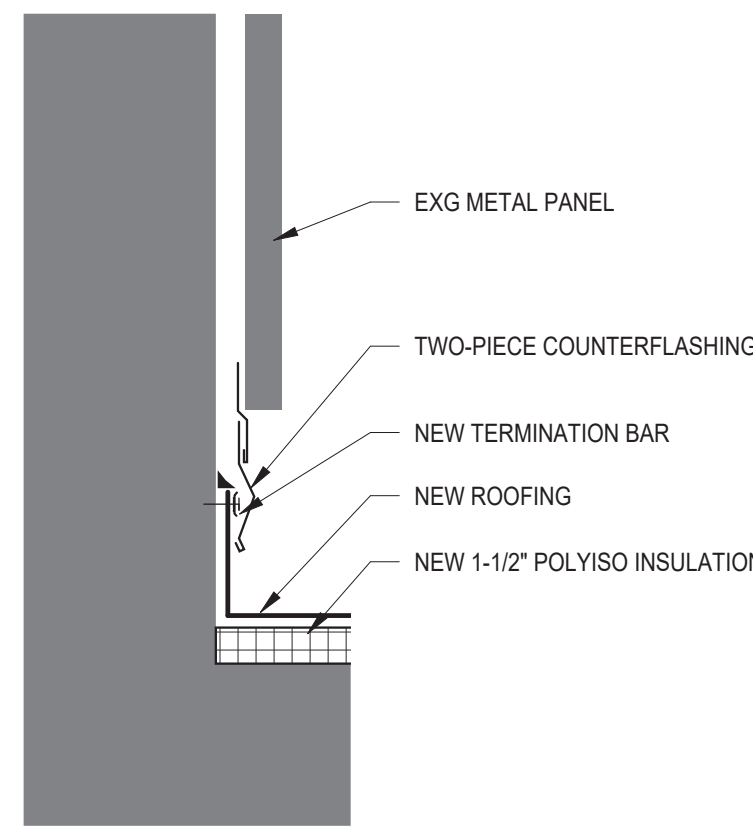
**C** **DETAIL @ EXPANSION JOINT CURB**  
A103 1 1/2" = 1'-0"



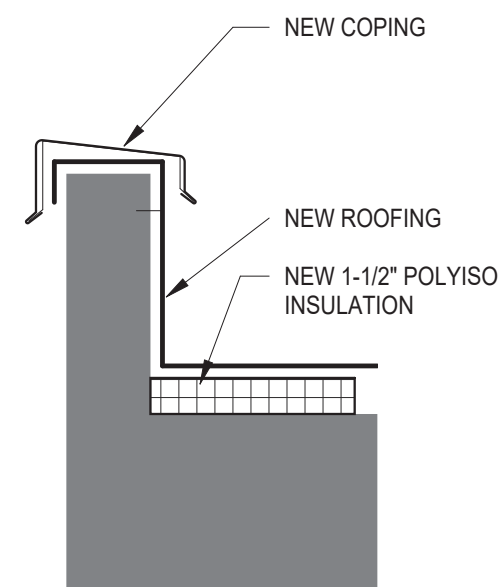
**B** **DETAIL @ COPING**  
A103 1 1/2" = 1'-0"



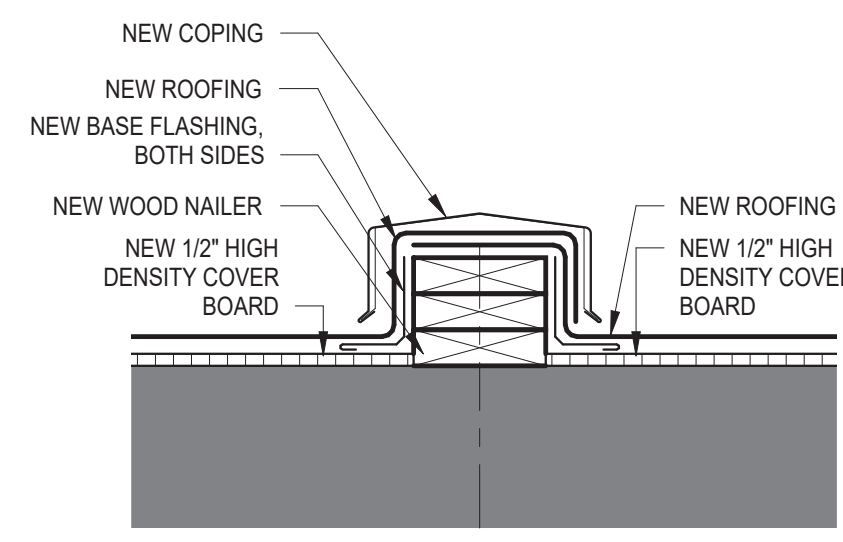
**A** **DETAIL @ SKYLIGHT**  
A103 1 1/2" = 1'-0"



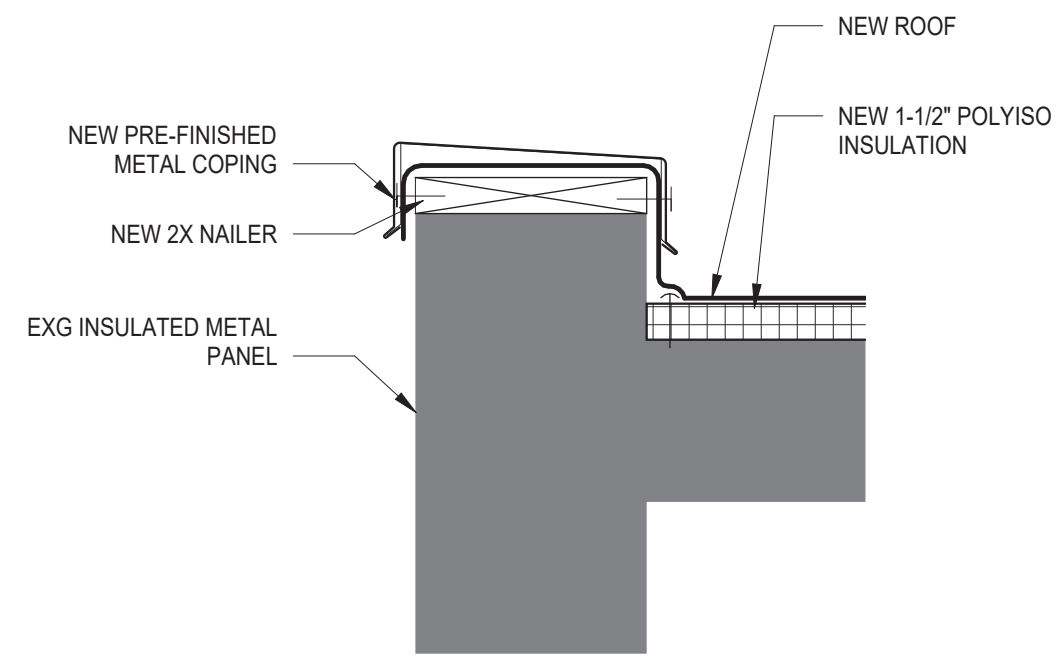
**BB** **DETAIL @ TERMINATION BAR**  
A103 1 1/2" = 1'-0"



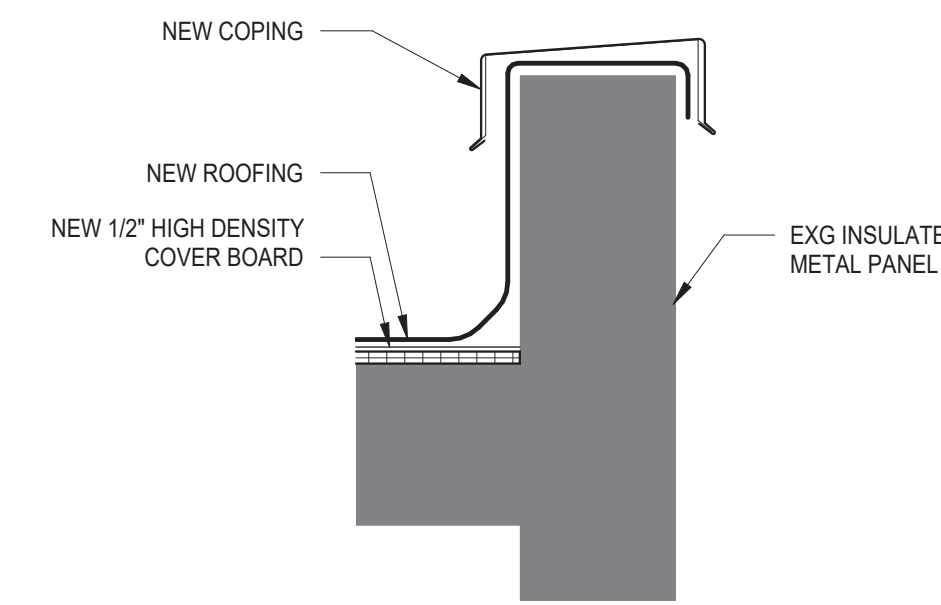
**AA** **DETAIL @ COPING**  
A103 1 1/2" = 1'-0"



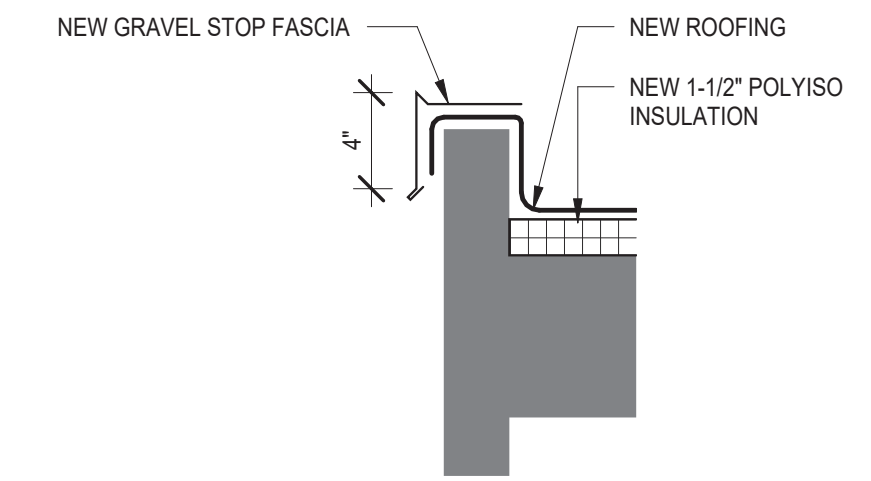
**I** **DETAIL @ NEW CURB**  
A103 1 1/2" = 1'-0"



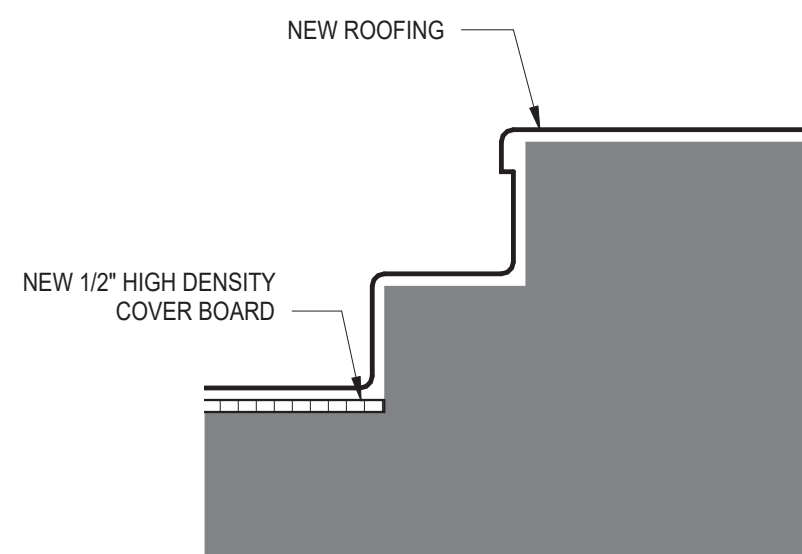
**H** **DETAIL @ PRE-FINISHED COPING**  
A103 1 1/2" = 1'-0"



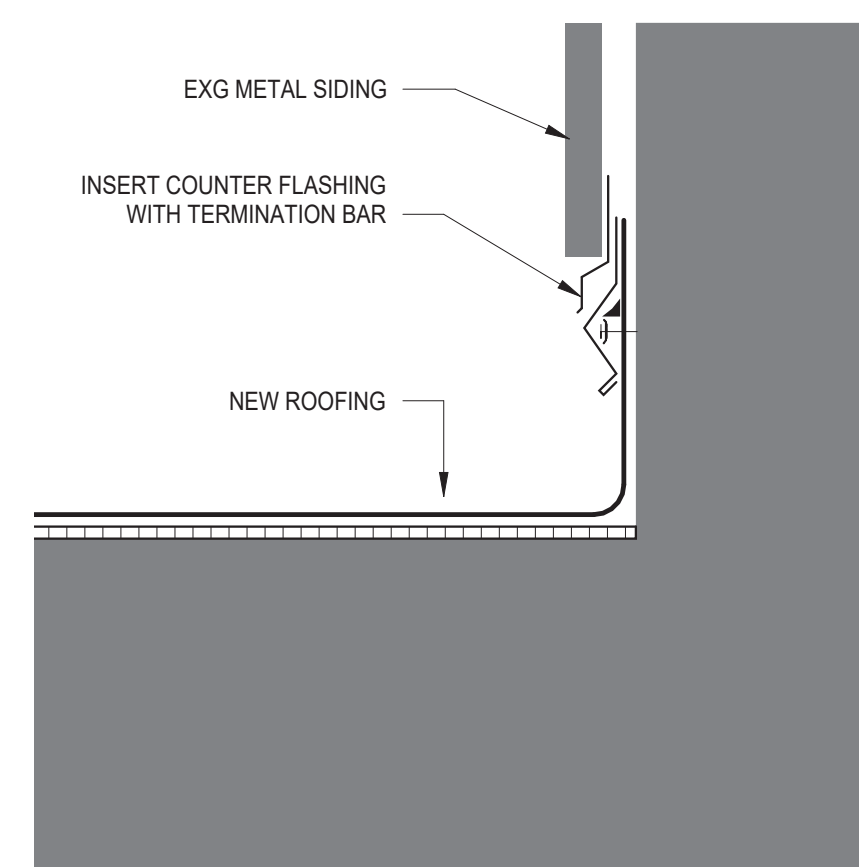
**G** **DETAIL @ COPING**  
A103 1 1/2" = 1'-0"



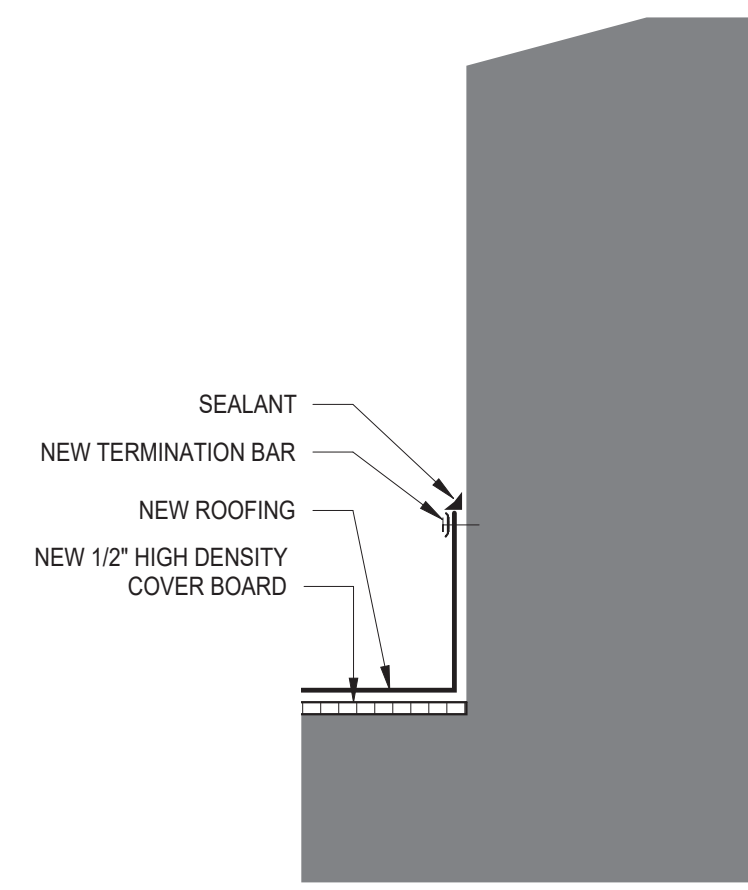
**F** **DETAIL @ GRAVEL STOP FASCIA**  
A103 1 1/2" = 1'-0"



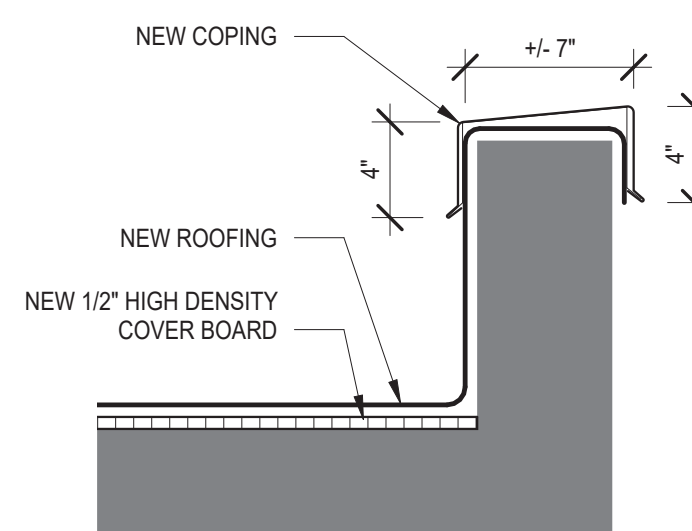
**HH** **DETAIL @ ROOFING WRAP**  
A103 1 1/2" = 1'-0"



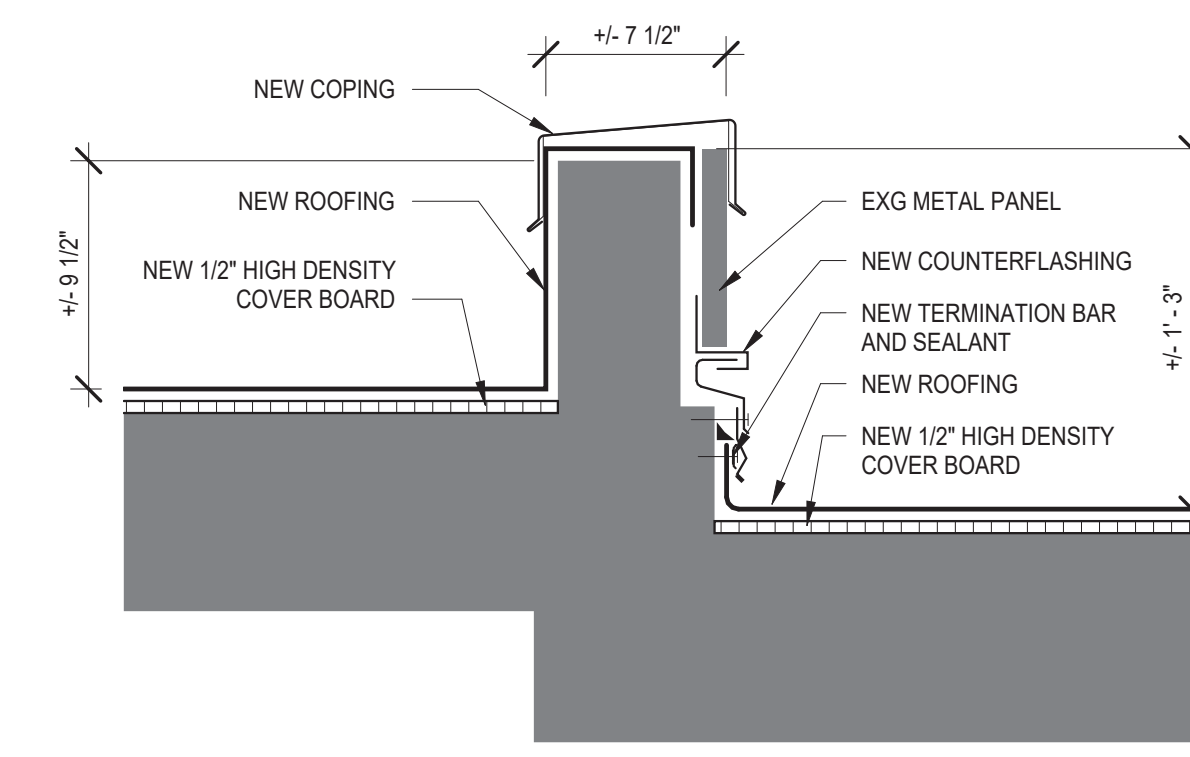
**GG** **DETAIL @ METAL PANEL**  
A103 1 1/2" = 1'-0"



**FF** **DETAIL @ TERMINATION BAR**  
A103 1 1/2" = 1'-0"

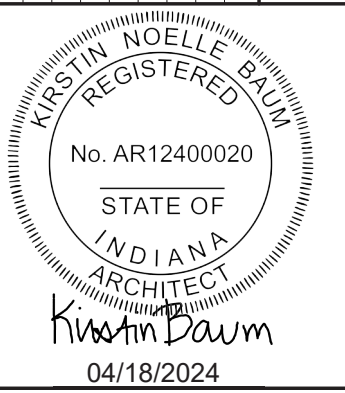


**EE** **DETAIL @ COPING**  
A103 1 1/2" = 1'-0"



**DD** **DETAIL @ METAL PANEL**  
A103 1 1/2" = 1'-0"

REV	DESCRIPTION	BY	DATE



**J O N E S**  
**P E T R I E**  
**R A F I N S K I**

**JPR**  
South Bend, IN  
p: 574.232.4888

Fort Wayne, IN  
p: 360.423.2322

**SOUTH BEND INTERNATIONAL AIRPORT ROOF REPAIR - PHASE 3**

**SOUTH BEND AIRPORT**

ROOF SECTION DETAILS

DESIGNED BY:  
EJK, KNB

REVIEWED BY:  
EJK, KNB

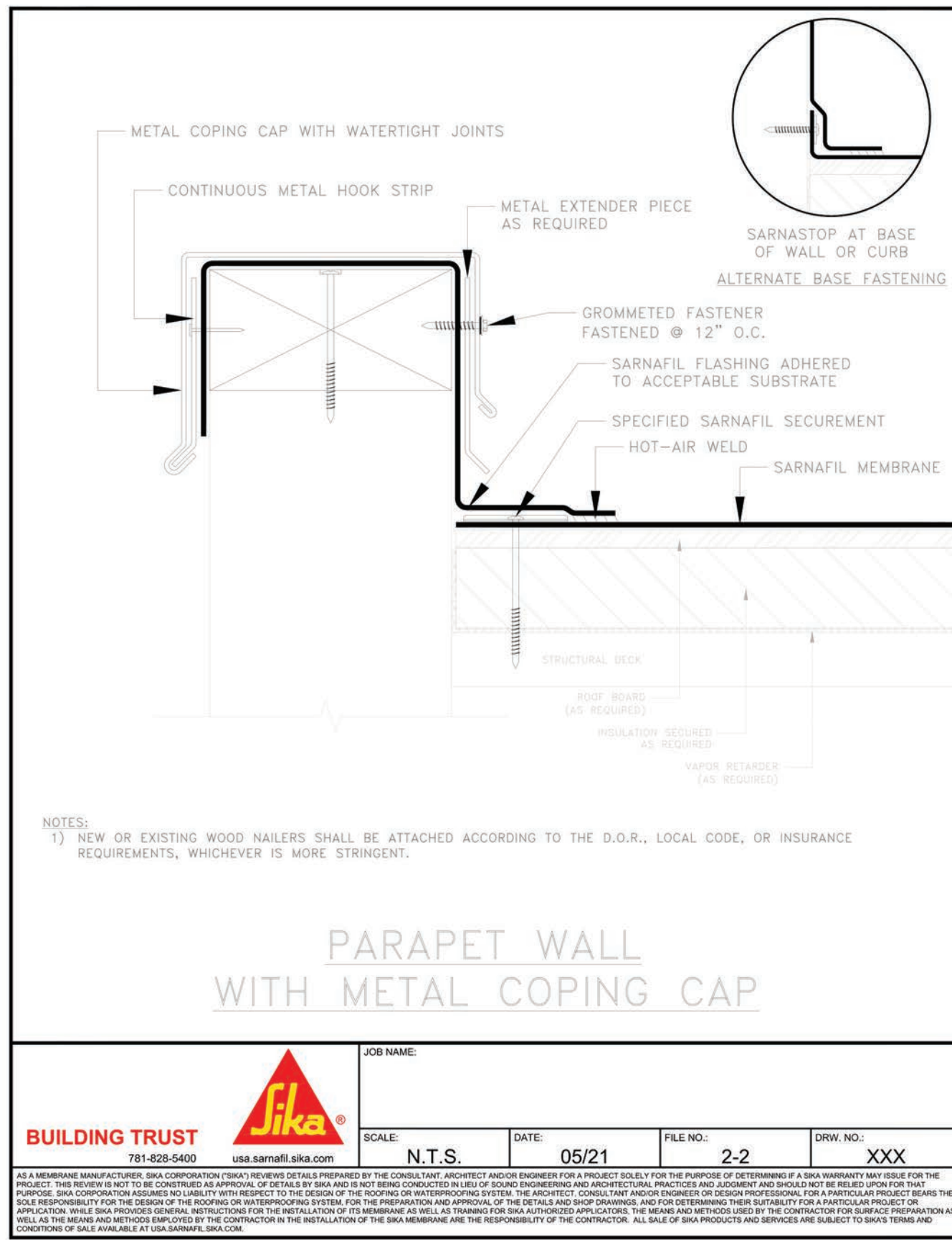
DRAWN BY:  
KNB

DATE:  
04/17/2024

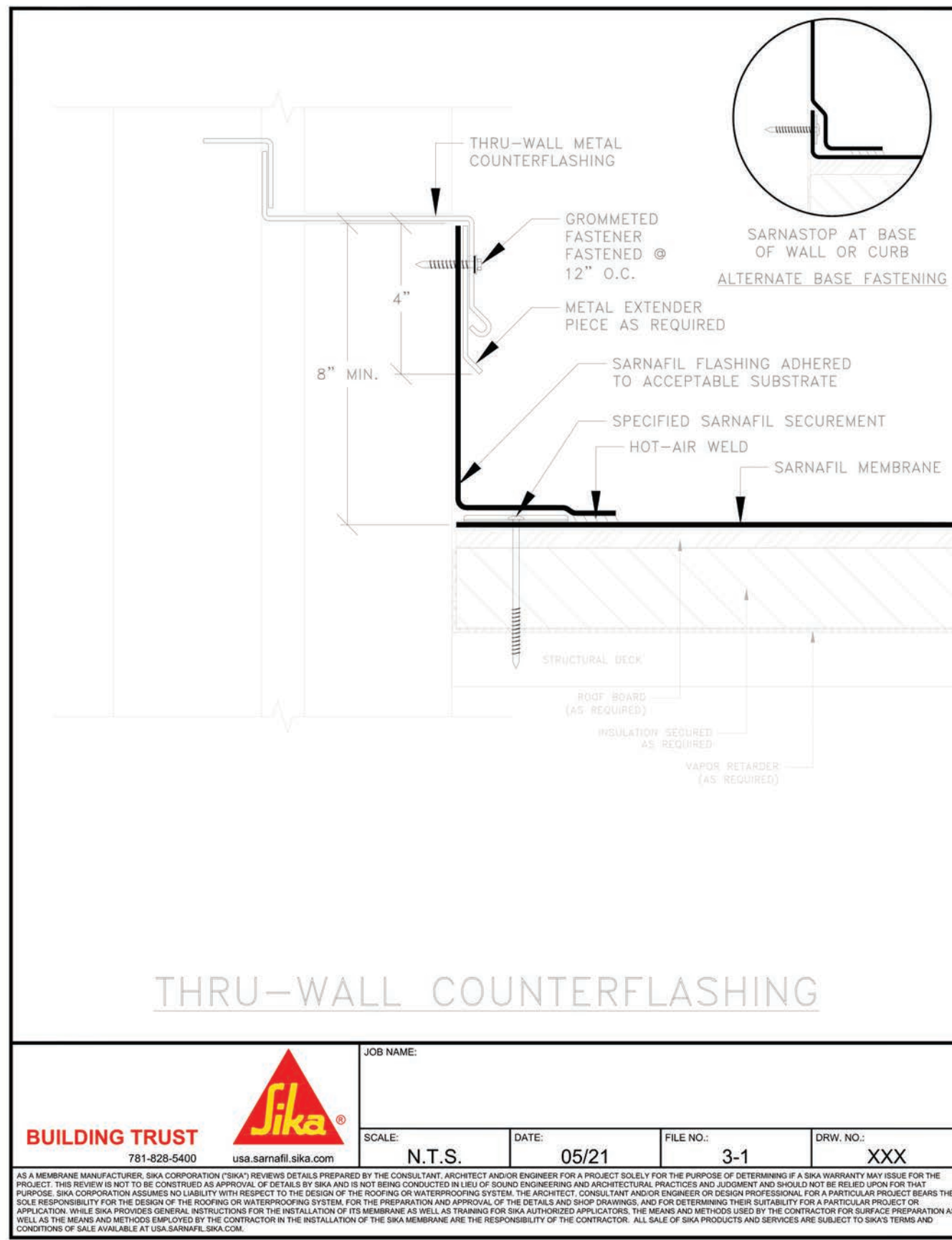
JOB NUMBER:  
2024-0017

SCALE:  
1 1/2" = 1'-0"

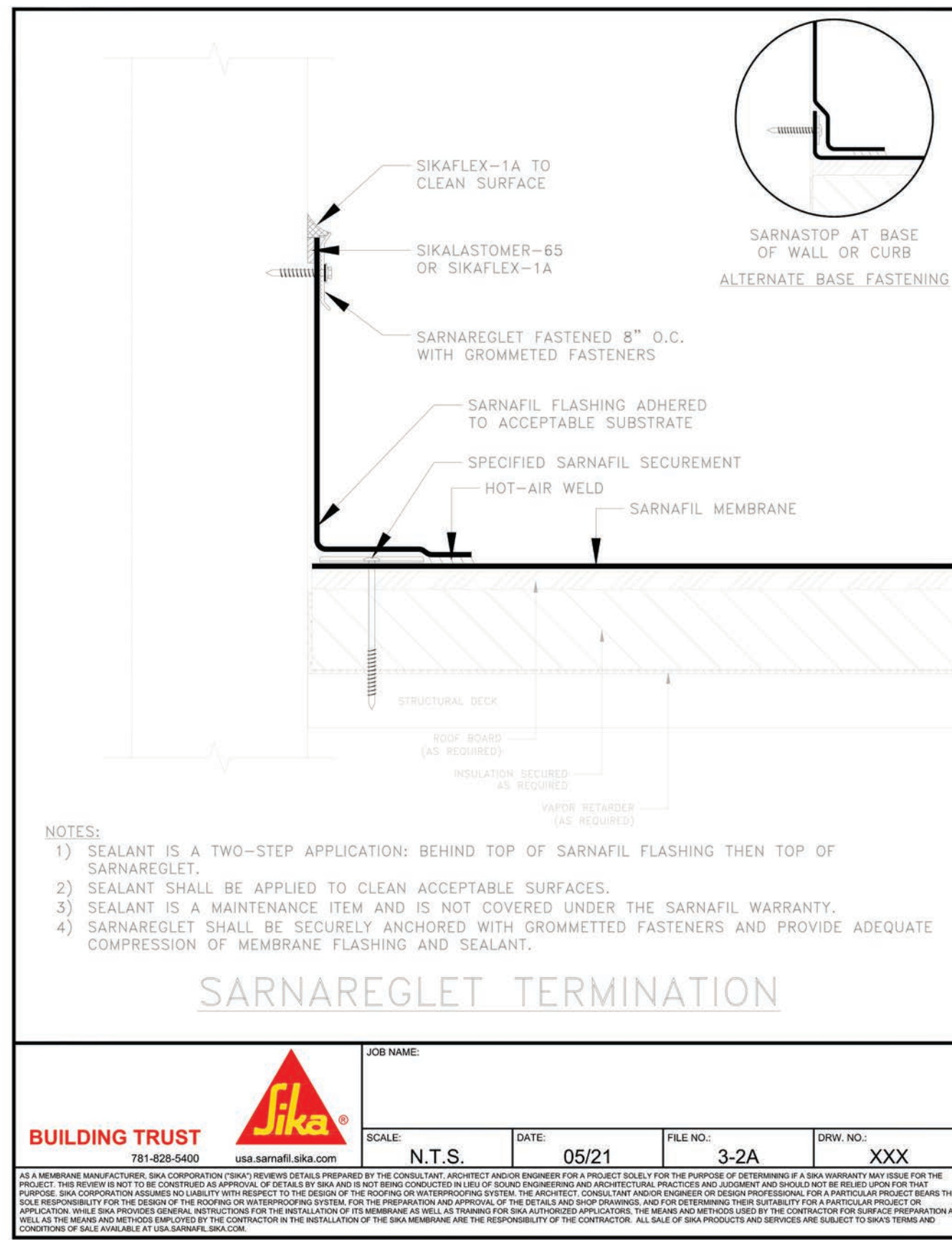
A103



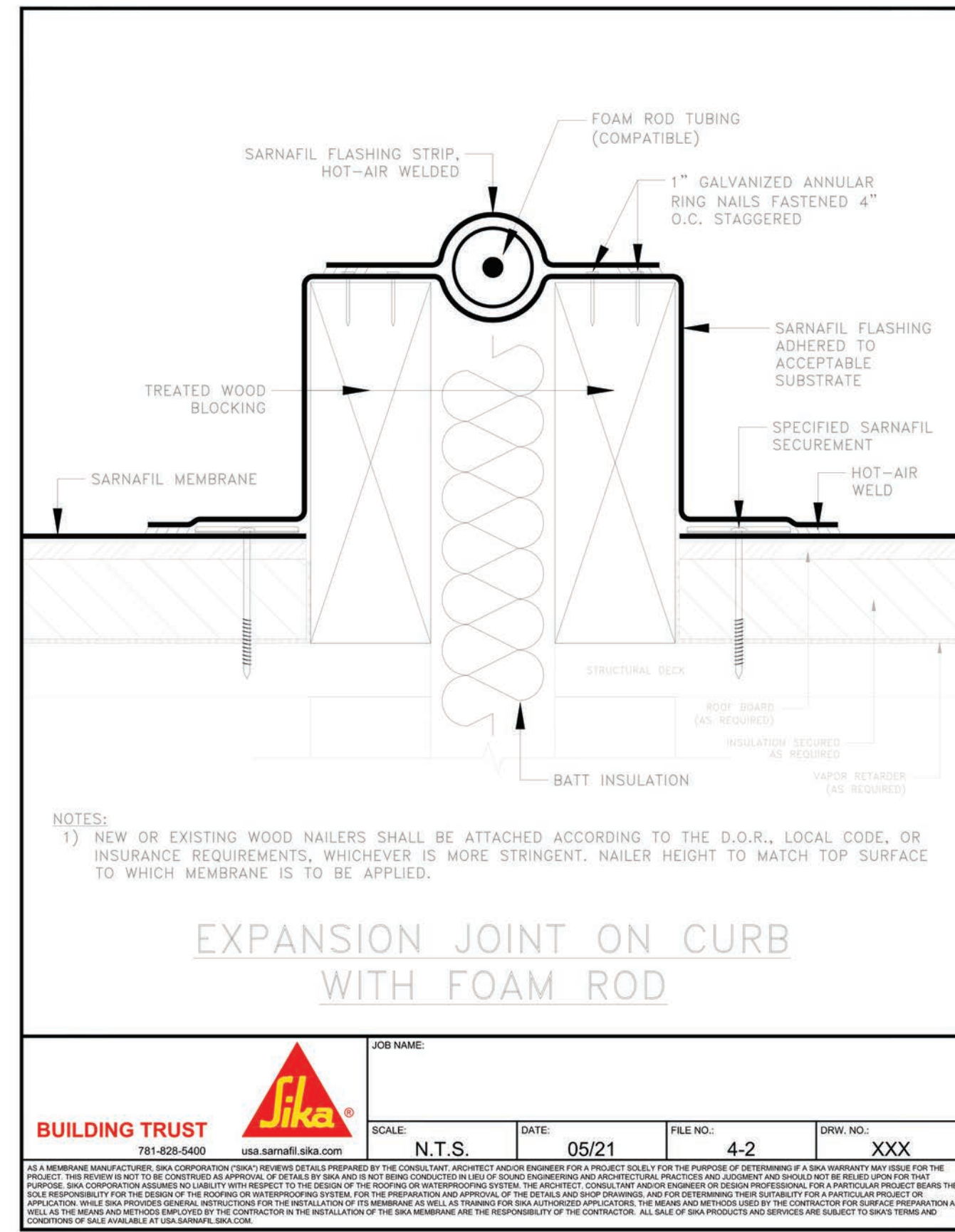
**1 PARAPET WALL WITH METAL COPING CAP**  
1/2" = 1'-0"



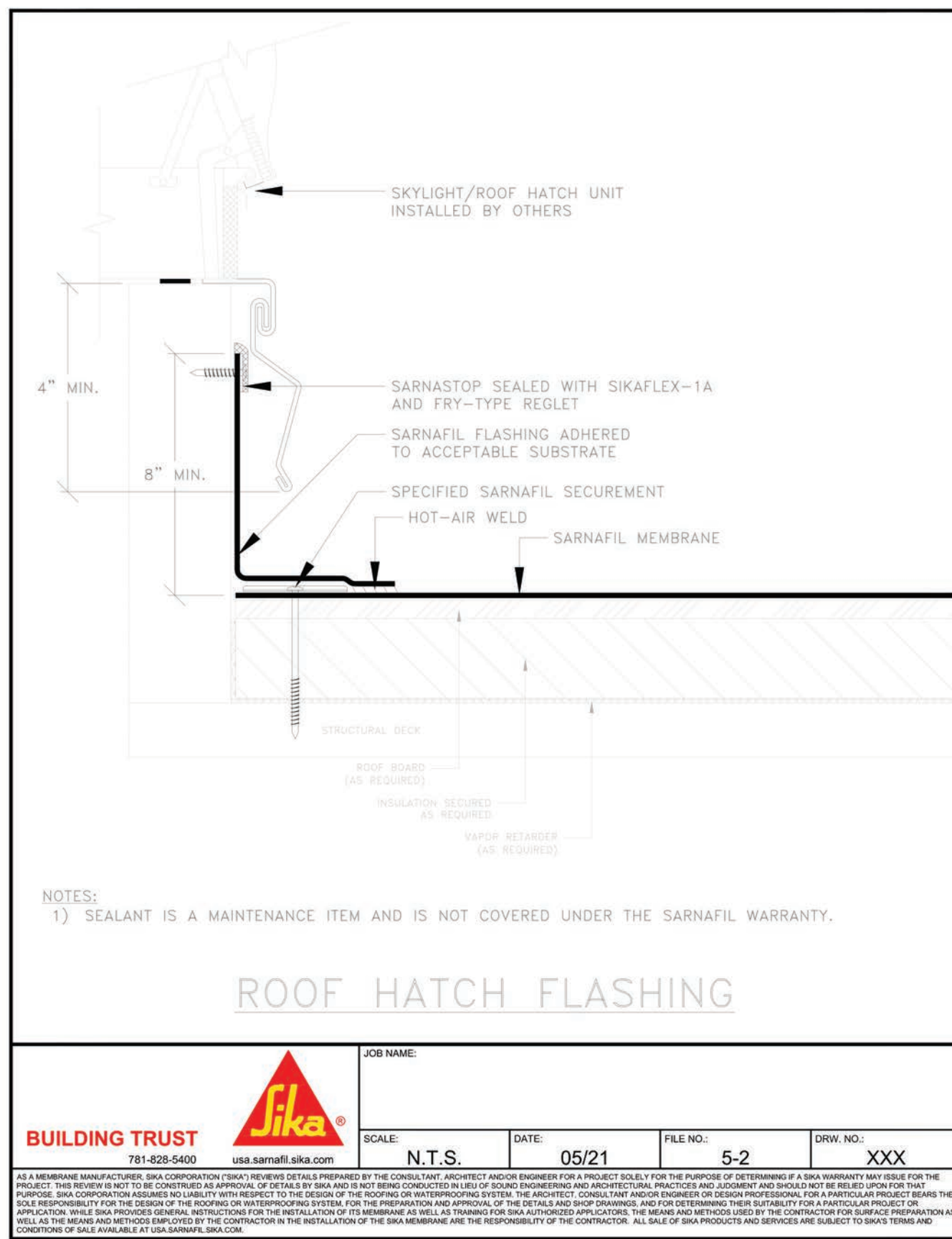
**2 THRU-WALL COUNTERFLASHING**  
1/2" = 1'-0"



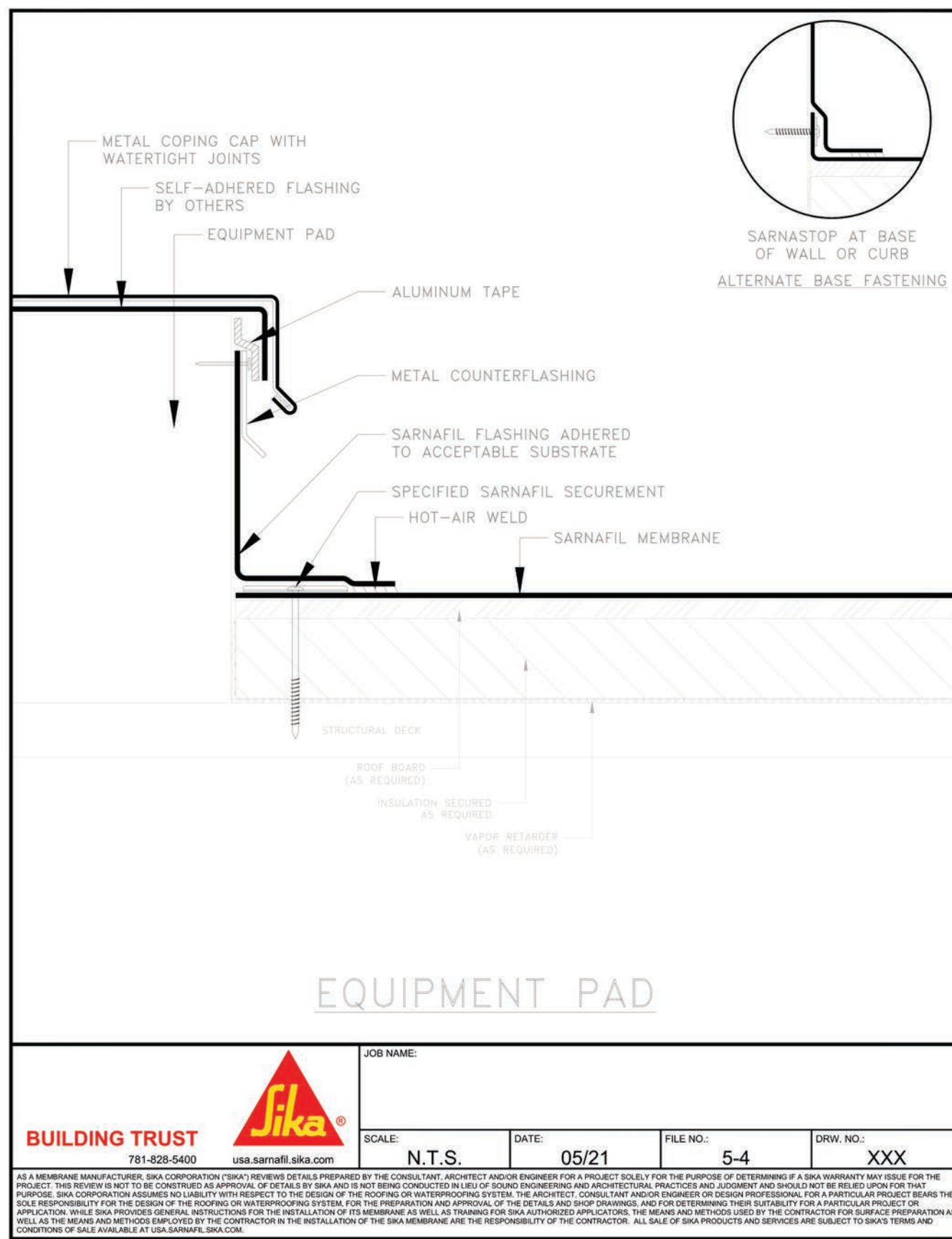
**3 SARNAREGLET TERMINATION**  
1/2" = 1'-0"



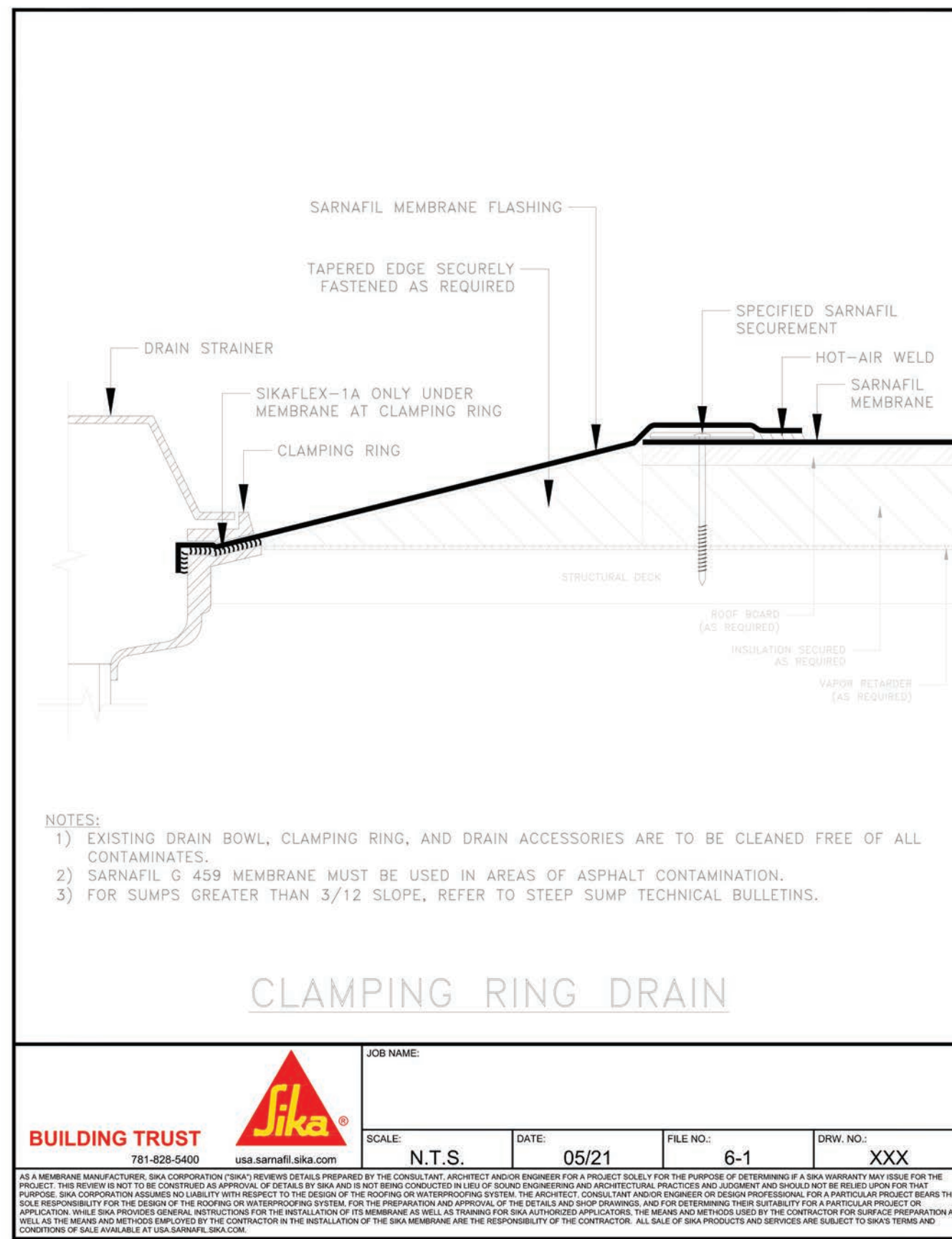
**4 EXPANSION JOINT ON CURB WITH FOAM ROD**  
1/2" = 1'-0"



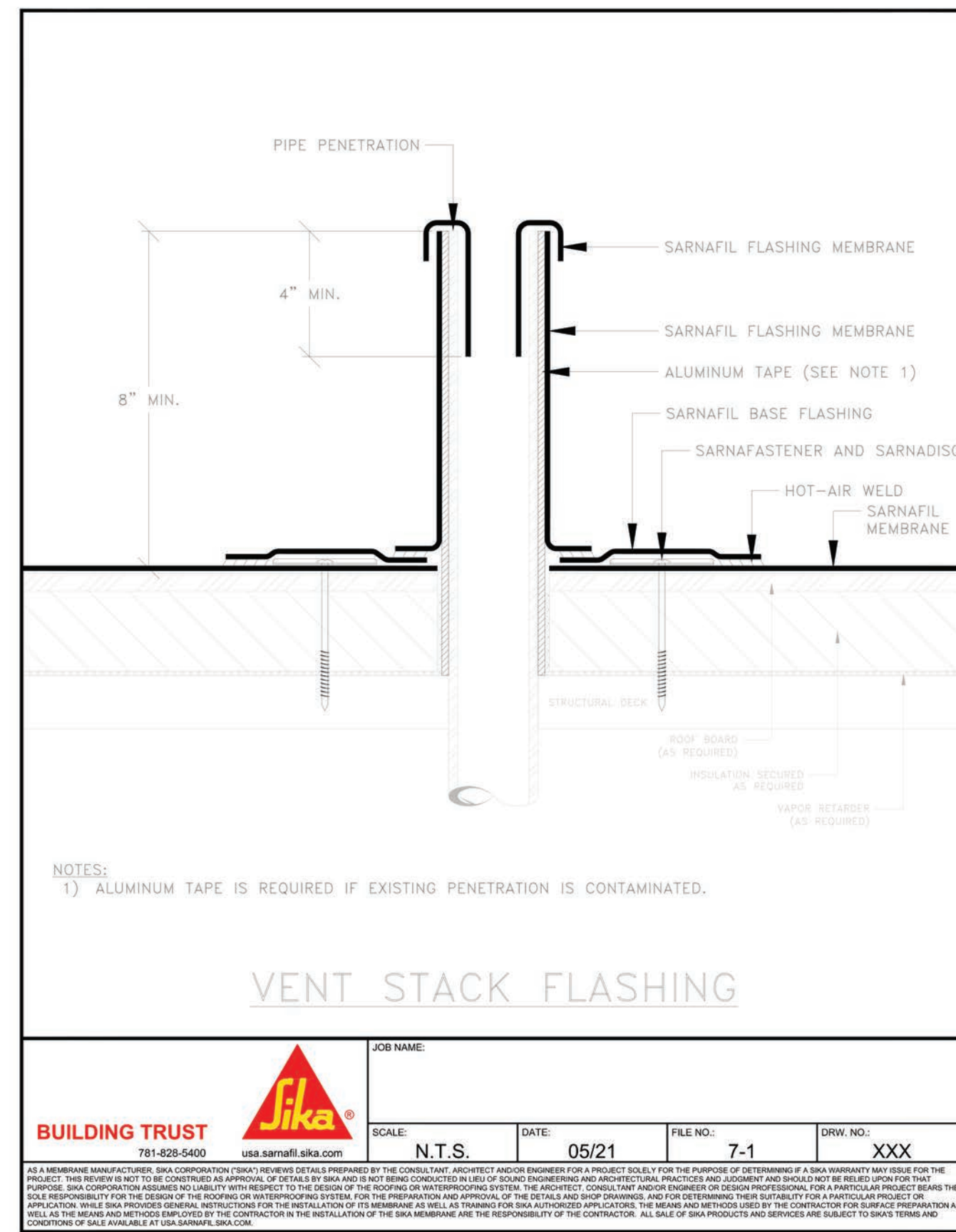
**5 ROOF HATCH FLASHING**  
1/2" = 1'-0"



**6 EQUIPMENT PAD**  
1/2" = 1'-0"



**7 CLAMPING RING DRAIN**  
1/2" = 1'-0"



**8 VENT STACK FLASHING**  
1/2" = 1'-0"

REV	DESCRIPTION	BY	DATE

The owner, design team, manufacturer, and contractor shall be responsible for the accuracy of all information provided. Sika is not responsible for the accuracy of the information provided. © 2020 Sika. All Rights Reserved.

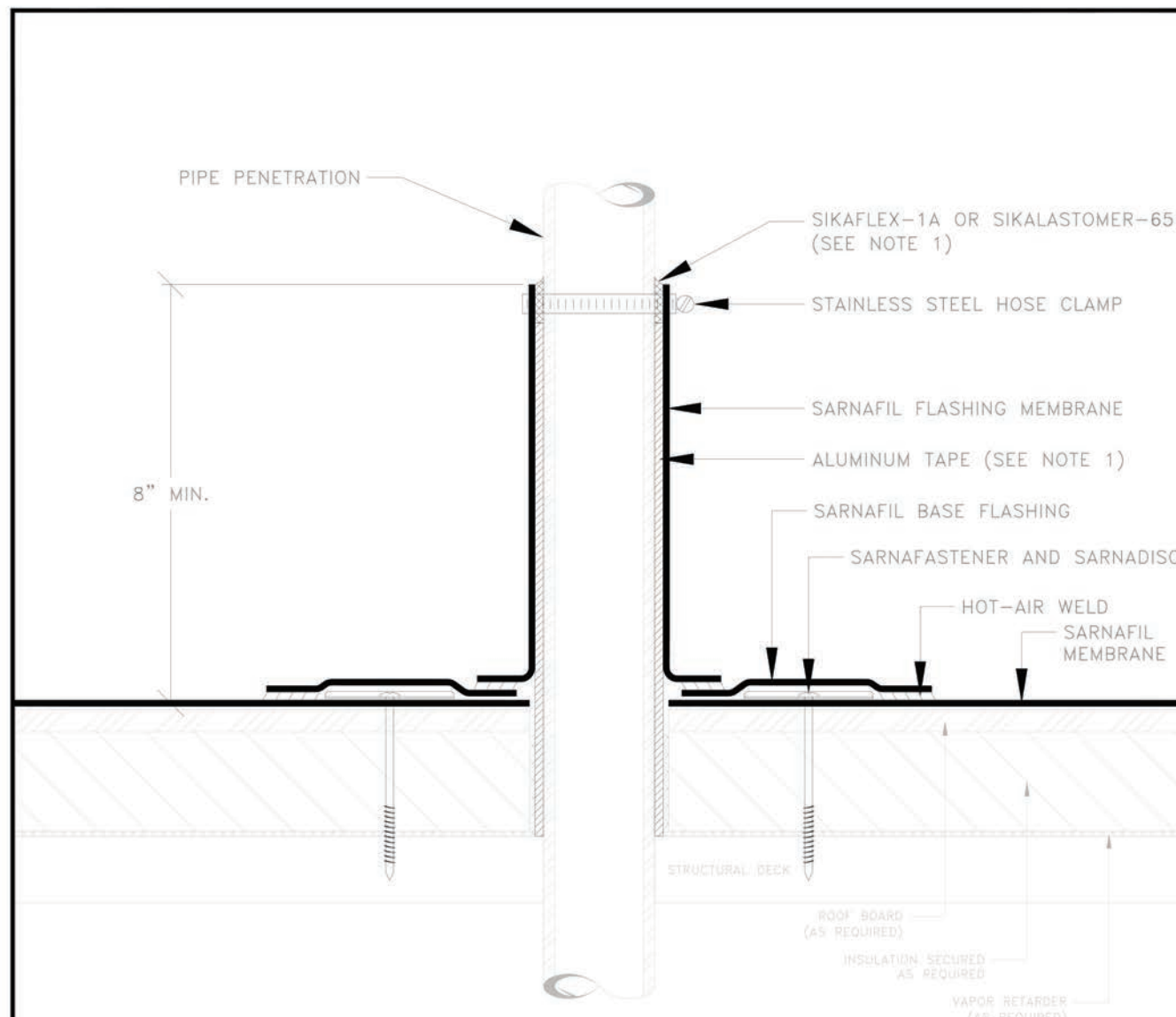
**KEVIN NOELLE BAWO**  
REGISTERED ARCHITECT  
No. AR12400020  
STATE OF INDIANA  
Kwam Dawm  
04/18/2024

**JONES PETERSKI**  
Fort Wayne, IN  
p: 574.232.4388  
p: 560.422.2522

**SOUTH BEND INTERNATIONAL AIRPORT ROOF REPAIR - PHASE 3**  
**SOUTH BEND AIRPORT**  
SARNAFIL DETAIL SHEET

DESIGNED BY: **EJK, KNB**  
REVIEWED BY: **EJK, KNB**  
DRAWN BY: **EJM**  
DATE: **04/17/2024**  
JOB NUMBER: **2024-0017**  
SCALE: **1/2" = 1'-0"**  
**A104**

4/17/2024 3:33:53 PM

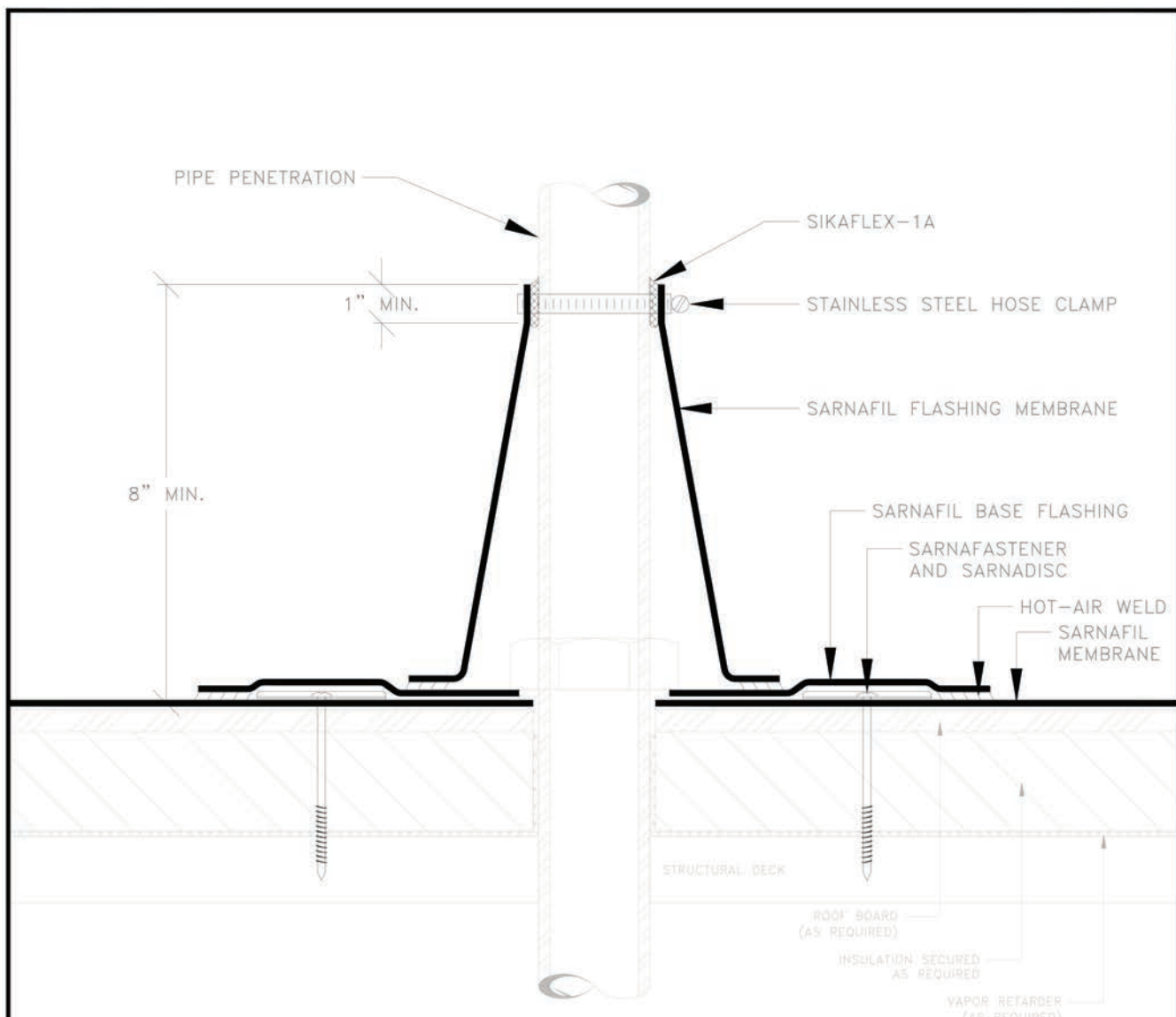


NOTES:  
 1) IF EXISTING PENETRATION IS CONTAMINATED, COVER WITH ALUMINUM TAPE AND USE SIKALASTOMER-65 UNDER HOSE CLAMP. ALTERNATIVE IS TO ELIMINATE ALUMINUM TAPE AND USE SARNAFIL G 459 FLASHING MEMBRANE AND SIKALASTOMER-65 UNDER HOSE CLAMP.  
 2) SEALANT IS A MAINTENANCE ITEM AND IS NOT COVERED UNDER THE SARNAFIL WARRANTY.

PIPE PENETRATION FLASHING

**BUILDING TRUST** **Sika**  
 781-828-5400 sika.sarnafil.usa.com  
 SCALE: N.T.S. DATE: 05/21 FILE NO.: 7-2 DRW. NO.: XXX  
 ALL A MEMBRANE MANUFACTURER'S SIKAFLEX AND SIKALASTOMER PRODUCTS ARE THE PROPERTY OF SIKAFLEX AND SIKALASTOMER. SIKAFLEX AND SIKALASTOMER PRODUCTS ARE NOT TO BE USED FOR ANY OTHER PURPOSES WITHOUT THE WRITTEN PERMISSION OF SIKAFLEX AND SIKALASTOMER. SIKAFLEX AND SIKALASTOMER PRODUCTS ARE NOT TO BE USED FOR ANY OTHER PURPOSES WITHOUT THE WRITTEN PERMISSION OF SIKAFLEX AND SIKALASTOMER. SIKAFLEX AND SIKALASTOMER PRODUCTS ARE NOT TO BE USED FOR ANY OTHER PURPOSES WITHOUT THE WRITTEN PERMISSION OF SIKAFLEX AND SIKALASTOMER.

1 PIPE PENETRATION FLASHING  
 A105 1/2" = 1'-0"

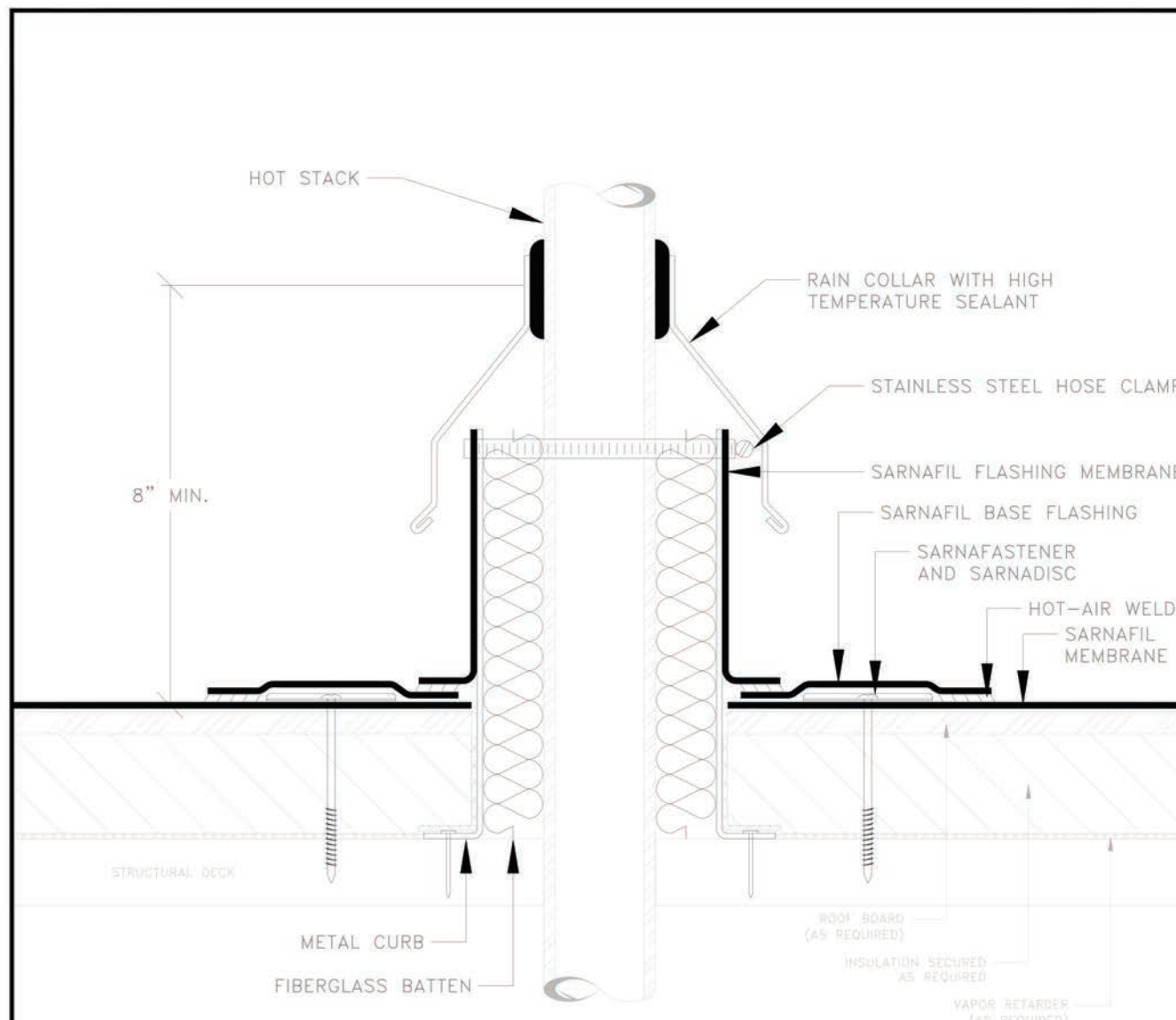


NOTES:  
 1) SEALANT IS A MAINTENANCE ITEM AND IS NOT COVERED UNDER THE SARNAFIL WARRANTY.

CONE FLASHING AT PENETRATION

**BUILDING TRUST** **Sika**  
 781-828-5400 sika.sarnafil.usa.com  
 SCALE: N.T.S. DATE: 05/21 FILE NO.: 7-3 DRW. NO.: XXX  
 ALL A MEMBRANE MANUFACTURER'S SIKAFLEX AND SIKALASTOMER PRODUCTS ARE THE PROPERTY OF SIKAFLEX AND SIKALASTOMER. SIKAFLEX AND SIKALASTOMER PRODUCTS ARE NOT TO BE USED FOR ANY OTHER PURPOSES WITHOUT THE WRITTEN PERMISSION OF SIKAFLEX AND SIKALASTOMER. SIKAFLEX AND SIKALASTOMER PRODUCTS ARE NOT TO BE USED FOR ANY OTHER PURPOSES WITHOUT THE WRITTEN PERMISSION OF SIKAFLEX AND SIKALASTOMER. SIKAFLEX AND SIKALASTOMER PRODUCTS ARE NOT TO BE USED FOR ANY OTHER PURPOSES WITHOUT THE WRITTEN PERMISSION OF SIKAFLEX AND SIKALASTOMER.

2 CONE FLASHING AT PENETRATION  
 A105 1/2" = 1'-0"

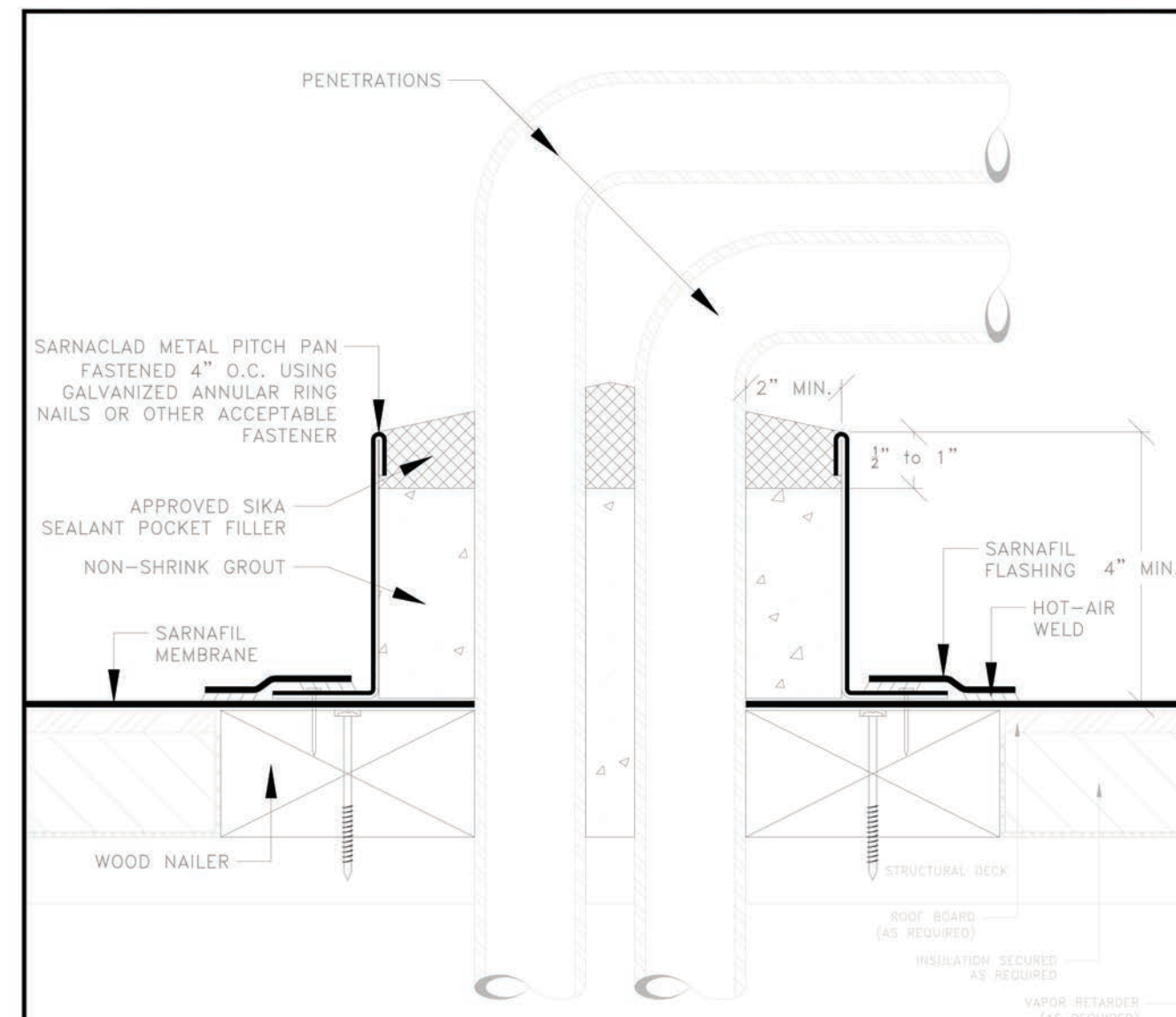


NOTES:  
 1) ALUMINUM TAPE IS REQUIRED IF EXISTING PENETRATION IS CONTAMINATED.  
 2) SEALANT IS A MAINTENANCE ITEM AND IS NOT COVERED UNDER THE SARNAFIL WARRANTY.

HEATED STACK FLASHING

**BUILDING TRUST** **Sika**  
 781-828-5400 sika.sarnafil.usa.com  
 SCALE: N.T.S. DATE: 05/21 FILE NO.: 7-4 DRW. NO.: XXX  
 ALL A MEMBRANE MANUFACTURER'S SIKAFLEX AND SIKALASTOMER PRODUCTS ARE THE PROPERTY OF SIKAFLEX AND SIKALASTOMER. SIKAFLEX AND SIKALASTOMER PRODUCTS ARE NOT TO BE USED FOR ANY OTHER PURPOSES WITHOUT THE WRITTEN PERMISSION OF SIKAFLEX AND SIKALASTOMER. SIKAFLEX AND SIKALASTOMER PRODUCTS ARE NOT TO BE USED FOR ANY OTHER PURPOSES WITHOUT THE WRITTEN PERMISSION OF SIKAFLEX AND SIKALASTOMER. SIKAFLEX AND SIKALASTOMER PRODUCTS ARE NOT TO BE USED FOR ANY OTHER PURPOSES WITHOUT THE WRITTEN PERMISSION OF SIKAFLEX AND SIKALASTOMER.

3 HEATED STACK FLASHING  
 A105 1/2" = 1'-0"

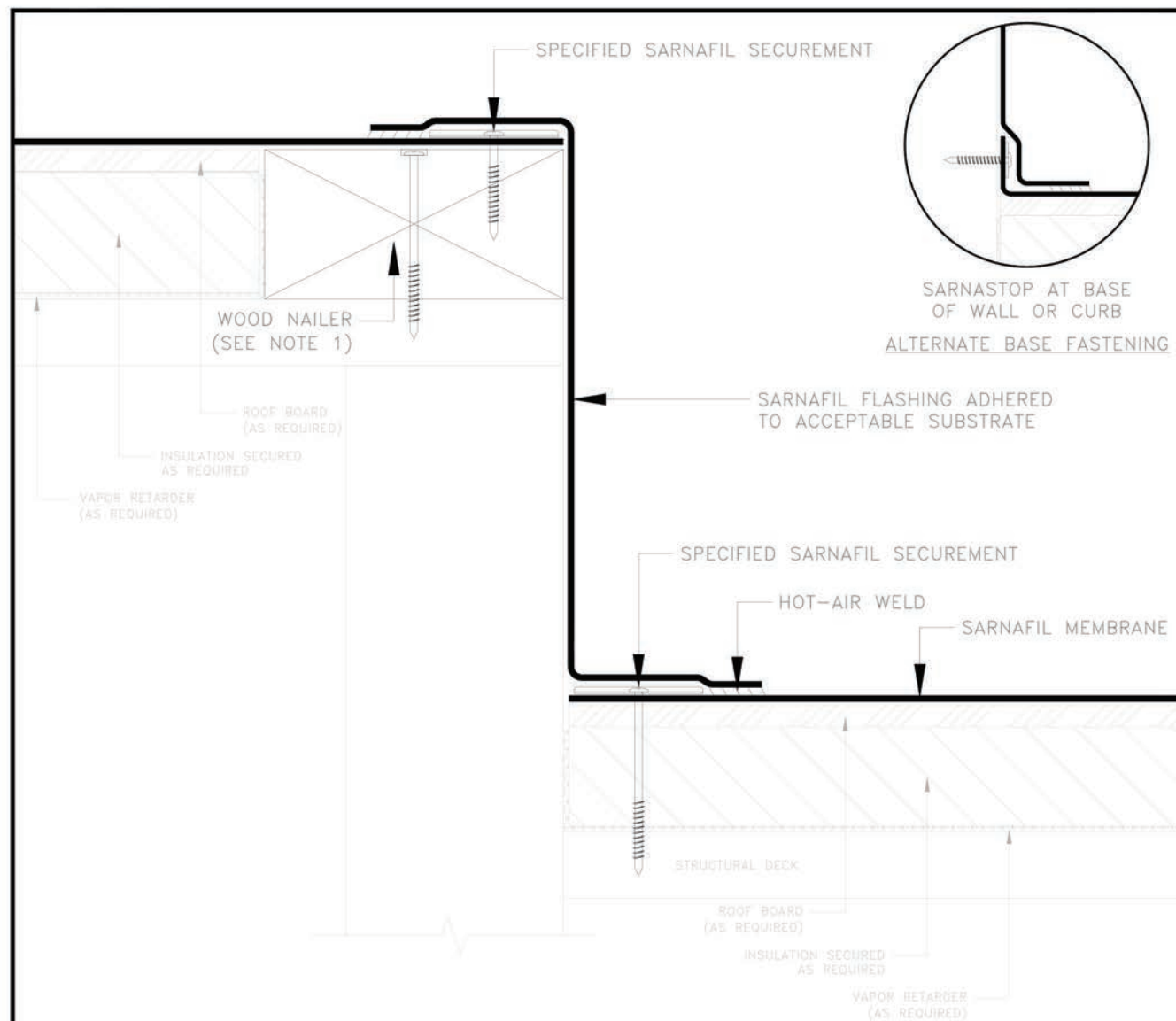


NOTES:  
 1) PITCH POCKETS ARE TO BE ELIMINATED WHERE POSSIBLE.  
 2) SEALANT IS A MAINTENANCE ITEM AND IS NOT COVERED UNDER THE SARNAFIL WARRANTY.

SEALANT POCKET

**BUILDING TRUST** **Sika**  
 781-828-5400 sika.sarnafil.usa.com  
 SCALE: N.T.S. DATE: 05/21 FILE NO.: 7-7 DRW. NO.: XXX  
 ALL A MEMBRANE MANUFACTURER'S SIKAFLEX AND SIKALASTOMER PRODUCTS ARE THE PROPERTY OF SIKAFLEX AND SIKALASTOMER. SIKAFLEX AND SIKALASTOMER PRODUCTS ARE NOT TO BE USED FOR ANY OTHER PURPOSES WITHOUT THE WRITTEN PERMISSION OF SIKAFLEX AND SIKALASTOMER. SIKAFLEX AND SIKALASTOMER PRODUCTS ARE NOT TO BE USED FOR ANY OTHER PURPOSES WITHOUT THE WRITTEN PERMISSION OF SIKAFLEX AND SIKALASTOMER. SIKAFLEX AND SIKALASTOMER PRODUCTS ARE NOT TO BE USED FOR ANY OTHER PURPOSES WITHOUT THE WRITTEN PERMISSION OF SIKAFLEX AND SIKALASTOMER.

4 SEALANT POCKET  
 A105 1/2" = 1'-0"

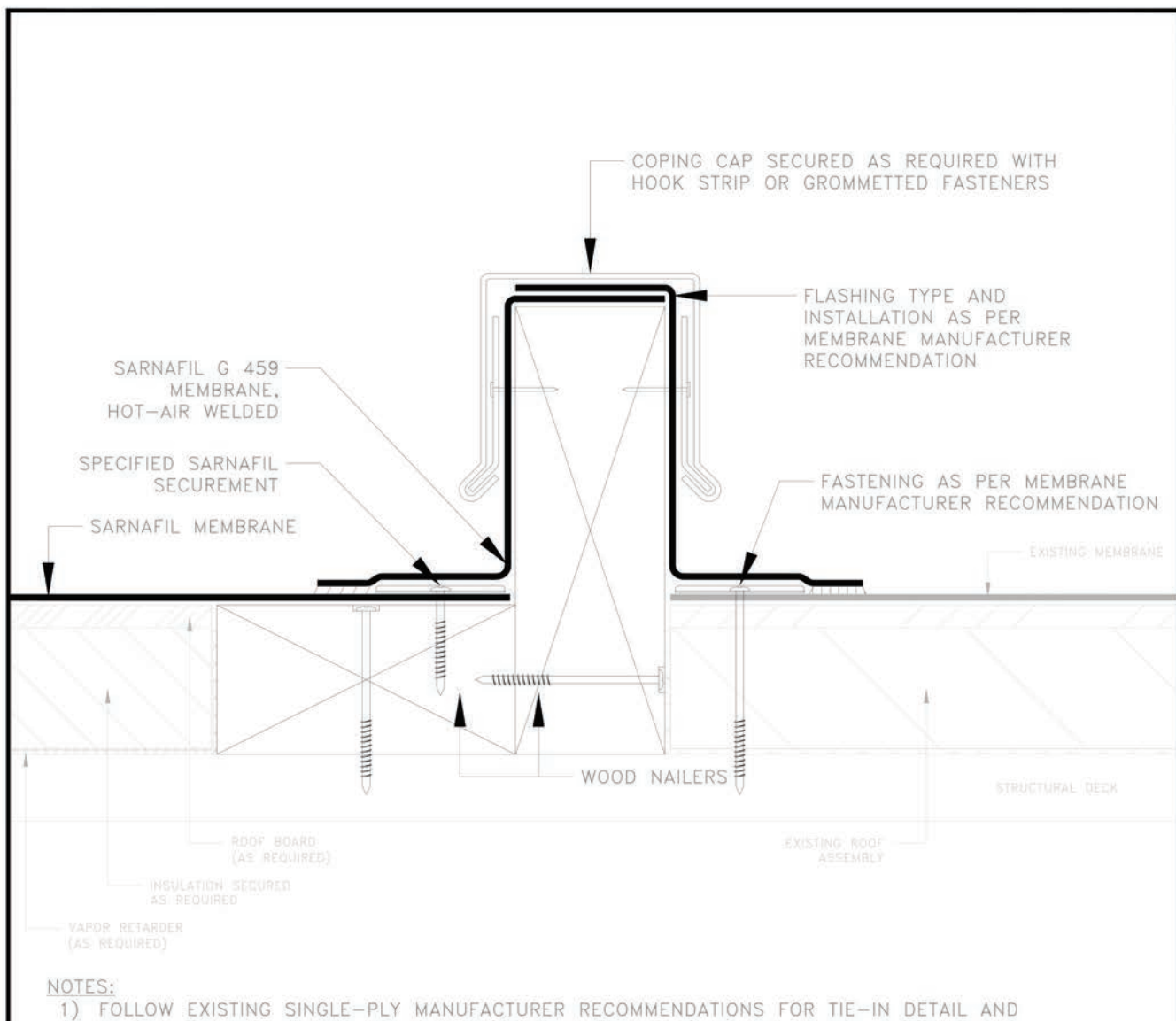


NOTES:  
 1) NEW OR EXISTING WOOD NAILERS SHALL BE ATTACHED ACCORDING TO THE B.O.R., LOCAL CODE, OR INSURANCE REQUIREMENTS, WHICHEVER IS MORE STRINGENT. NAILER HEIGHT TO MATCH TOP SURFACE TO WHICH MEMBRANE IS TO BE APPLIED.  
 2) AIR / VAPOR BARRIER TIE-IN ALONG VERTICAL TRANSITION TO BE INSTALLED PER DESIGNER RECOMMENDATION.

WALL TRANSITION

**BUILDING TRUST** **Sika**  
 781-828-5400 sika.sarnafil.usa.com  
 SCALE: N.T.S. DATE: 05/21 FILE NO.: 9-3 DRW. NO.: XXX  
 ALL A MEMBRANE MANUFACTURER'S SIKAFLEX AND SIKALASTOMER PRODUCTS ARE THE PROPERTY OF SIKAFLEX AND SIKALASTOMER. SIKAFLEX AND SIKALASTOMER PRODUCTS ARE NOT TO BE USED FOR ANY OTHER PURPOSES WITHOUT THE WRITTEN PERMISSION OF SIKAFLEX AND SIKALASTOMER. SIKAFLEX AND SIKALASTOMER PRODUCTS ARE NOT TO BE USED FOR ANY OTHER PURPOSES WITHOUT THE WRITTEN PERMISSION OF SIKAFLEX AND SIKALASTOMER. SIKAFLEX AND SIKALASTOMER PRODUCTS ARE NOT TO BE USED FOR ANY OTHER PURPOSES WITHOUT THE WRITTEN PERMISSION OF SIKAFLEX AND SIKALASTOMER.

5 WALL TRANSITION  
 A105 1/2" = 1'-0"



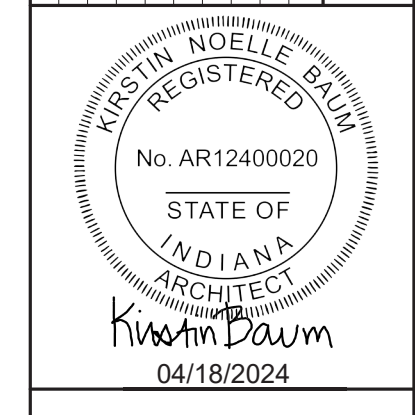
NOTES:  
 1) FOLLOW EXISTING SINGLE-PLY MANUFACTURER RECOMMENDATIONS FOR TIE-IN DETAIL AND RECOMMENDATION FOR CLEANING MEMBRANE.  
 2) CLEAN EXISTING ROOF MEMBRANE PRIOR TO HOT-AIR WELDING.  
 3) CONSULT SIKAFLEX FOR RECOMMENDATIONS FOR TIE-IN TO COAL-TAR PITCH.

TIE-IN TO EXISTING ROOF

**BUILDING TRUST** **Sika**  
 781-828-5400 sika.sarnafil.usa.com  
 SCALE: N.T.S. DATE: 05/21 FILE NO.: 10-2 DRW. NO.: XXX  
 ALL A MEMBRANE MANUFACTURER'S SIKAFLEX AND SIKALASTOMER PRODUCTS ARE THE PROPERTY OF SIKAFLEX AND SIKALASTOMER. SIKAFLEX AND SIKALASTOMER PRODUCTS ARE NOT TO BE USED FOR ANY OTHER PURPOSES WITHOUT THE WRITTEN PERMISSION OF SIKAFLEX AND SIKALASTOMER. SIKAFLEX AND SIKALASTOMER PRODUCTS ARE NOT TO BE USED FOR ANY OTHER PURPOSES WITHOUT THE WRITTEN PERMISSION OF SIKAFLEX AND SIKALASTOMER. SIKAFLEX AND SIKALASTOMER PRODUCTS ARE NOT TO BE USED FOR ANY OTHER PURPOSES WITHOUT THE WRITTEN PERMISSION OF SIKAFLEX AND SIKALASTOMER.

6 TIE-IN TO EXISTING ROOF  
 A105 1/2" = 1'-0"

REV	DESCRIPTION	BY	DATE



**JONES PETERIE RAFINSKI**  
 Fort Wayne, IN  
 P: 560.472.2522

**SOUTH BEND INTERNATIONAL AIRPORT ROOF REPAIR - PHASE 3**  
**SOUTH BEND AIRPORT**  
 SARNAFIL DETAIL SHEET

DESIGNED BY:	EJK, KNB
REVIEWED BY:	EJK, KNB
DRAWN BY:	EJM
DATE:	04/17/2024
JOB NUMBER:	2024-0017
SCALE:	1/2" = 1'-0"
	A105