

Purchasing Office
191 South East Street
Frederick, Maryland 21701
301-644-5208 phone
301-644-5213 fax
kim.miskell@fcps.org



Kerrie Koopman CPPB, CPPO, CPP,
Purchasing Manager
**Kim Miskell, CSBO, Assistant Purchasing
Manager**
Bill Meekins CPPB, CPPO, CSBO, CPCP,
Purchasing Agent
Shane Ryberg, Purchasing Agent

ADDENDUM

January 29, 2021

ADDENDUM # 2

Bid 21C5, Lincoln A Facility Roof Replacement Project

DUE DATE & TIME: 10:00 A.M., local time, on February 11, 2021 via Skype Business: (240) 236-6172 (FCPS)

Conference ID: 7907906 Meeting URL: <https://meet.fcps.org/kimberly.miskell/D21WC0P9?sl=1>

This addendum is being issued to provide additions, corrections, clarifications and answers to certain questions raised referencing the original bid packages and any resultant contracts for the above bid.

1. This Addendum includes the following attachment(s):
 - a. Bushey Feight Morin Architects, Inc. - Addendum No. 2 (2 pages)
 - b. Revised Drawings (4 pages)
 - c. Pre-Bid Meeting Minutes (2 pages)
 - d. Pre-Bid Attendance Roster (1 page)

Thank you for your interest in bidding with Frederick County Public Schools and we apologize for any inconvenience this may have caused.

Sincerely,

Kim Miskell

Kim Miskell, CSBO,
Assistant Purchasing Manager

km/ab

pc: Brian Staiger, Senior Project Manager, Capital Program Department
BFM Architects - Michael Gehr

BUSHEY FEIGHT MORIN ARCHITECTS INC.
473 North Potomac Street
Hagerstown, Maryland 21740

**FREDERICK COUNTY PUBLIC SCHOOLS
LINCOLN 'A' FACILITY
ROOF REPLACEMENT**

FCPS BID NO. 21C5

**PSC No. 10.003.21SR
BFM Project No. 20045**

ADDENDUM NO. 2
January 29, 2021

TO: All prime contractors and all others whom drawings and specifications have been issued. Acknowledge receipt of this Addendum by inserting its number and date of receipt on the Proposal Form. Failure to do so may subject bidder to disqualification. This Addendum forms a part of the Contract Documents.

GENERAL

- ITEM NO. 2.01 Metal panels are not required. Disregard the note to replace metal fascia panels around the front perimeter and at the change in height at area A to B. Therefore, no metal panel specification will be issued.
- ITEM NO. 2.02 At transition of roof elevation at Area A and B, the exposed wall shall be covered with adhered TPO membrane, provide batten strips as required.

SPECIFICATIONS

- ITEM NO. 2.03 SECTION 01 50 00 – CONSTRUCTION FACILITIES AND TEMPORARY CONTROLS; Article 1.14.A.; REVISE Paragraph as follows: "...below the work areas with tarps, plastic sheeting, or appropriate materials."
- ITEM NO. 2.04 SECTION 01 73 00 – SELECTIVE DEMOLITION; Article 1.6.C; REVISE Paragraph as follows: "Coordinate with FCPS Contractor to disconnect, remove,"
- ITEM NO. 2.05 SECTION 01 74 00 – WARRANTIES AND BONDS; Article 1.06.B.2: REVISE to read "Qualified Representative" in lieu of full-time inspector.
- ITEM NO. 2.06 SECTION 05 31 00 – STEEL DECK; Article 1.01.C. ADD the following to the paragraph: "and 300 sf for deck replacement." Note Base Bid quantity to be repaired or replaced is 100 sf.
- ITEM NO. 2.07 SECTION 07 62 00 – SHEET METAL FLASHING AND TRIM; ARTICLE 2.07.B.1 - REVISE .063 thickness to ".050".

DRAWINGS

- ITEM NO. 2.08 DRAWINGS CS.1, A1.1, A1.2, & A1.3; DELETE all drawings in their entirety. INSERT the REVISED drawings included in this addendum as attachment no.1 (4 pages (drawings)), Dated Jan 29, 2021. This includes drawings CS.1, A1.1, A1.2, & A1.3.

CONTRACTOR QUESTIONS – N/A

END OF ADDENDUM

**FCPS: Lincoln 'A' Facility
Roof Replacement**

Addendum No. 2

January 29, 2021

Page 2

ATTACHMENTS:

No. 1 – Revised Drawings CS.1, A1.1, A1.2, and A1.3. (4 pages)

FCPS: LINCOLN 'A' FACILITY ROOF REPLACEMENT

200 MADISON STREET
FREDERICK, MARYLAND 21701

JANUARY 14, 2021
FREDERICK COUNTY PUBLIC SCHOOLS
191 S. EAST STREET
FREDERICK, MD 21701

FCPS BID NO. 21C5
PSC# 10.003.21SR

ARCHITECTS



BUSHEY FEIGHT MORIN ARCHITECTS

473 NORTH POTOMAC STREET
HAGERSTOWN, MARYLAND 21740
(301)733-5600 FAX (301)733-5612
BFMARCHITECTS.COM

DRAWING INDEX

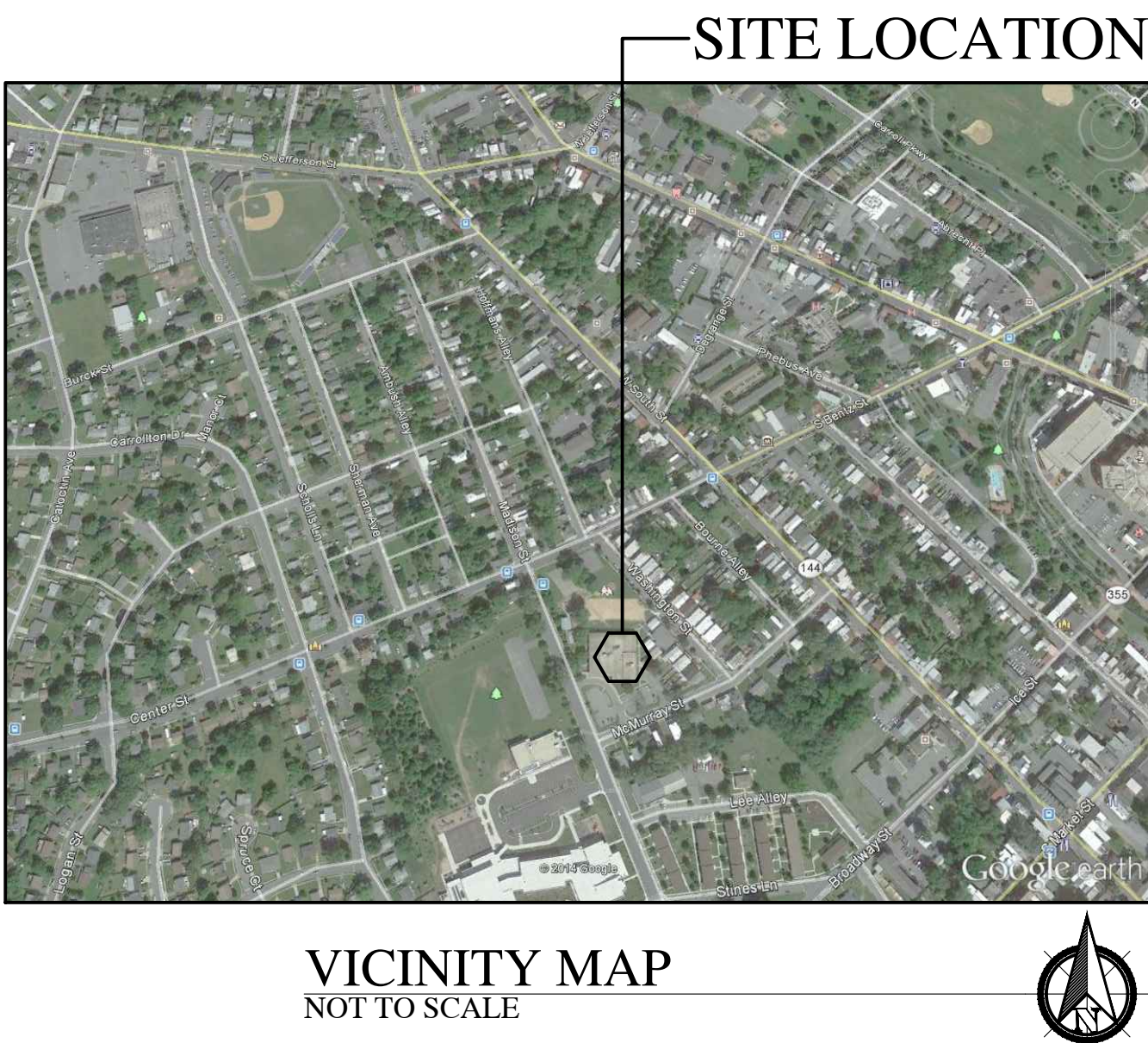
CS-1 COVER SHEET

ARCHITECTURAL:

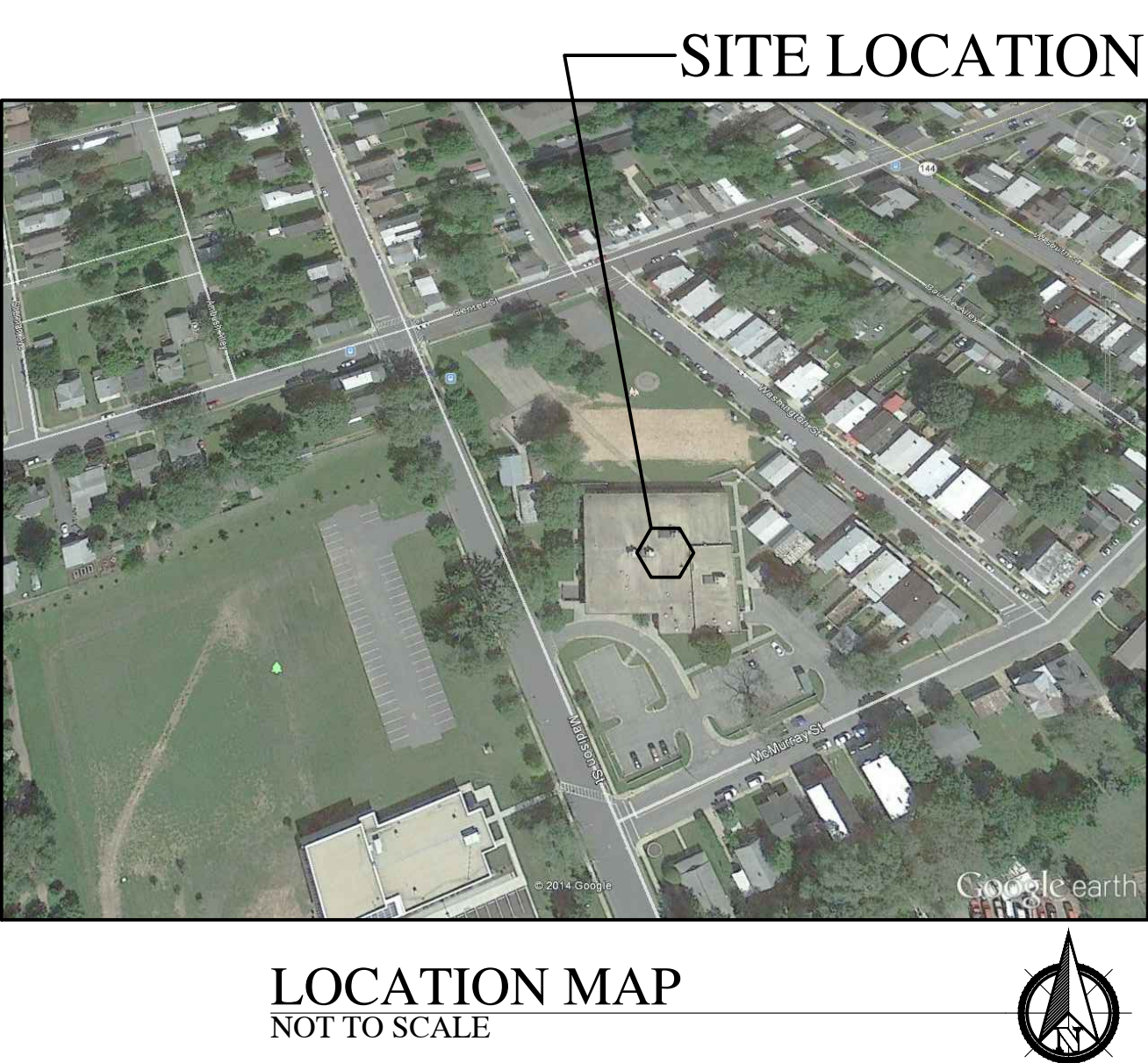
A1.1 ROOF PLAN / NOTES
A1.2 ROOF DETAILS
A1.3 ROOF DETAILS

CODE REQUIREMENTS

NFPA 101 2018 w/ AMENDMENTS
IBC 2018
IECC 2018
NEC 2018
IPC 2018
MAC 2012 (COMAR)
NSPC 2018
DGS PROCEDURE MANUAL 2019
MD ACCESSIBILITY ACT 2010
(ADA STANDARDS)



PROFESSIONAL CERTIFICATION	
These contract documents for the FCPS: LINCOLN 'A' FACILITY were prepared under my supervision and to the best of my knowledge, information and belief, they comply with the relevant building codes of the State of Maryland.	
/s/	(date)
Maryland Registration No. 10011	Expiration Date 7.7.22



Addendum No. 2
Attachment No. 1 - (4 pages)
January 29, 2021

BFM BUSHEY FEIGHT MORIN ARCHITECTS
473 NORTH POTOMAC STREET, HAGERSTOWN, MD 21740
BFMARCHITECTS.COM | 301-733-5600 | FAX 301-733-5612

JANUARY 14, 2021

FCPS: LINCOLN 'A' FACILITY
ROOF REPLACEMENT
FREDERICK, MARYLAND

BFM # 20045
PSC No. 10.003.21SR

COVER SHEET

CS.1

SHEET | OF |
DATE : 01/14/21

NEW SINGLE-PLY ROOFING

1. CONTRACTOR SHALL REMOVE ALL CONSTRUCTION DEBRIS AND CLEAN ASPHALT RELATED PRODUCTS (NEW OR EXISTING) FROM ALL ADJ. SURFACES PRIOR TO FINAL INSPECTION.
2. PROVIDE ADEQUATE PROTECTION OF ALL ROOF DECKS DURING EXPOSURE.
3. REPAIR ALL DENTED OR DAMAGED EXHAUST FANS/ EQUIPMENT - NOTE EXISTING FANS RECENTLY REPLACED.
4. TRIM ANY TREES THAT OVERHANGS ROOF BACK BEYOND EDGE OF ROOF LINE.
5. PROVIDE STAINLESS STEEL FITTINGS AT ALL CONDENSERS.
6. ALL WORK TO BE IN ACCORDANCE WITH BC 1907.10 @ ASTM E108.
7. THE ENTIRE NEW ROOFING SYSTEM (INCLUDING FLASHINGS, TRIM, & ROOF WORK RELATED TO MECHANICAL, PLUMBING, AND ELECTRICAL) SHALL BE COVERED BY THE APPLICABLE SPECIFIED WARRANTY.
8. ROOF SLOPES- PROVIDE FINISHED SLOPE AS NOTED ON THE ROOF PLAN. (1/4" PER 1'-0")
9. SLOPING DECK SINGLE-PLY ROOF SYSTEM- REFER TO DETAIL 2/A1.2
10. LEVEL DECK SINGLE-PLY ROOF SYSTEM - REFER TO DETAIL 1/A1.2. PROVIDE TAPERED INSULATION OVER BASE INSULATION FOR A MINIMUM 1/4" R. PER FT. SLOPE (U.N.G.)
11. CRICKETS, BACK SLOPES, & SADDLES - PROVIDE TAPERED INSULATION CRICKETS WITH A MINIMUM BACK SLOPE TWICE MAIN SLOPE. COMPARE AS SHOWN ON THE ROOF PLAN TO DIRECT WATER TO THE ROOF DRAINS OR SCUPPERS. WHERE POSSIBLE, CRICKETS HAVE BEEN SIZED IN MODULES OF FOUR (4) FOOT WIDTHS. PROVIDE TAPERED EDGE STRIPS OF THE SAME SLOPE AS THE TAPERED INSULATION AS REQUIRED TO MAKE A SMOOTH TRANSITION FROM THE CRICKET TO THE ROOF SURFACE (NO VERTICAL JOGS).
12. BASE FLASHING FOR THIS PROJECT WILL BE SINGLE PLY MEMBRANE.
 - VERIFY THAT THE SINGLE-PLY MEMBRANE IS SUITED FOR INSTALLATION IN CONTACT WITH ASPHALT BASED PRODUCTS.
 - APPLY THE SINGLE-PLY MEMBRANE BASE FLASHING TO THE CURB SURFACE W/ THE WHITE SIDE OUT.
 - STRIP OVER ALL SPICES.
 - MEMBRANE FLASHING ADHERED DIRECTLY TO MASONRY WALLS - VERIFY THIS IS ACCEPTABLE TO THE ROOFING MANUFACTURER FOR THE WARRANTY SPECIFIED. (IF NOT NOTIFY THE ARCHITECT OF THE MANUFACTURERS REQUIREMENTS). CLEAN & SMOOTH THE MASONRY (ESP. @ THE JOINTS). SECURE & ADHERE THE MEMBRANE PER THE MANUFACTURERS REQUIREMENTS.
 - EXTEND THE SINGLE-PLY MEMBRANE BASE FLASHING ABOVE THE NEW CANT AS FAR AS ALLOWED BY THE ROOFING MANUFACTURER. IF THE HEIGHT OF THE BASE FLASHING MUST EXCEED THE FLASHING MANUFACTURERS RECOMMENDED LIMITS, INTERRUPT THE FLASHING MEMBRANE & PROVIDE A TERMINATION BAR & SURFACE MOUNTED METAL ANCHOR/COUNTER FLASHING. PROVIDE ADDITIONAL MEMBRANE ABOVE, LAPPING OVER THE COUNTER FLASHING, AND EXTENDING OVER THE PARAPET AS DESCRIBED BELOW. SECURE PER THE MANUFACTURERS RECOMMENDATIONS.
13. NEW ROOF EDGE -
 - SEE DETAILS FOR GENERAL CONFIGURATION.
 - ROOF EDGE IS TO BE HELD AT CONSTANT HEIGHT/ELEVATION AT EACH ROOF DETERMINED BY MAXIMUM THICKNESS OF TAPERED INSULATION.
 - PROVIDE NEW TAPERED INSULATION BACK SLOPE OR TAPERED EDGE STRIPS AS REQUIRED TO BRING THE ROOF SURFACE FLUSH W/ THE TOP OF WD. BLOCKING.
 - EXTEND THE NEW MEMBRANE BASE FLASHING OVER BLOCKING & DOWN FACE OF WALL. SEAL TO VERTICAL SURFACE.
14. PARAPETS & COPINGS (TYPICAL).
 - MAKE ADJUSTMENTS TO THE FOLLOWING BASED ON THE HEIGHT OF THE PARAPET AND THE ROOFING MFRS. RECOMMENDATIONS.
 - SEE DETAILS FOR FLASHING @ THE BASE OF THE WALL.
 - EXTEND ROOFING FLASH ABOVE THE TOP OF THE CANT A MINIMUM OF 4" OR AS REQUIRED BY THE WARRANTY.
 - PROVIDE SINGLE-PLY MEMBRANE BASE FLASHING EXTENDING UP THE BACK SIDE, OVER THE TOP, & DOWN THE FACE OF THE PARAPET PER DETAILS. SECURE PER THE FLASHING MANUFACTURERS RECOMMENDATIONS. SEAL THE FLASHING TO THE CURB BELOW THE BLOCKING & COVER WITH THE COPING. PROVIDE METAL COPING INCLUDING CONTINUOUS CLEATS (BOTH SIDES) & P.T. BLOCKING PER DETAILS. PROVIDE BUTT JOINTS IN CORNERS W/ BLIND SPLICE PLATES. PROVIDE FOR EXPANSION & CONTRACTION PER THE SHACMA MANUAL (LATEST EDITION).
15. EXPANSION JOINT - DECK TO DECK - RAISED WOOD CURB -
 - SEE ROOF PLAN FOR LOCATION.
 - PROVIDE ROOFING INCLUDING AN EXPANSION JOINT COVER & P.T. WOOD CURBS PER DETAILS. VERIFY TOP OF BASE FLASHING IS 10" MIN. ABOVE THE NEW ROOF SURFACE.
 - PROVIDE THIS EXPANSION JOINT FOR THE ROOFING EVEN IF NOT REQUIRED FOR BUILDING EXPANSION/CONTRACTION.
16. ROOFING @ VERTICAL NON-LOAD BEARING WALL- PROVIDE EXPANSION JOINT STYLE DETAIL. CONDITIONS ABOVE THE CANT VARY. VERIFY & COORDINATE.
17. ROOFING @ VERTICAL LOAD BEARING WALL (WHERE ROOF DECK IS SUPPORTED BY WALL)- PROVIDE ROOFING PER DETAILS. CONDITIONS ABOVE THE CANT VARY. VERIFY & COORDINATE. VERIFY TOP OF SINGLE PLY MEMBRANE IS 10" MIN. ABOVE THE NEW ROOF SURFACE.
18. EXPANSION JOINT - DECK TO WALL STYLE AT MASONRY WALL -
 - SEE ROOF PLAN FOR LOCATION.
 - NOTE THAT SURFACE LEVELS MAY VARY SIGNIFICANTLY IN HEIGHT.
 - PROVIDE A DECK TO WALL EXP. JT. (NO MTL COVER) PER DETAILS.
19. EXPANSION JOINT - DECK TO DECK - RAISED WOOD CURB -
 - SEE ROOF PLAN FOR LOCATION.
 - PROVIDE ROOFING INCLUDING AN EXPANSION JOINT COVER & P.T. WOOD CURBS PER DETAILS. VERIFY TOP OF BASE FLASHING IS 10" ABOVE NEW ROOF SURFACE.
 - PROVIDE THIS EXPANSION JOINT FOR THE ROOFING EVEN IF NOT REQUIRED FOR BUILDING EXPANSION/CONTRACTION.
20. REPLACEMENT ROOF DRAIN AND SUMP - REDUCE THE INSULATION THICKNESS AS REQUIRED TO PROVIDE A 2 X 2 SUMP COMPOSED OF TAPERED INSULATION & TAPERED EDGE STRIPS. COORDINATE W/ PLUMBING.
21. HEIGHT ABOVE ROOF SURFACE FOR TERMINATION OF BASE FLASHING AT WALLS & AT CURBS MOUNTED AND OTHER ROOFTOP EQUIPMENT SHALL BE 10" MINIMUM & AS REQUIRED FOR THE WARRANTY SPECIFIED FROM THE TOP OF THE NEW ROOF SURFACE TO THE TOP OF THE FLASHING. SET CURB HEIGHTS ACCORDINGLY.
22. CURB MOUNTED ROOFTOP EQUIPMENT - COORDINATE WITH MECHANICAL SUB AS NEEDED. MAKE ALL LINE, PIPE, DUCT, & CONDUIT PENETRATIONS INSIDE THE CURB (INCLUDING CONDUITS FOR CONVENIENCE OUTLETS). IF THAT IS NOT POSSIBLE, PROVIDE DUCT CURBS, GOOSENECKS, AND PENETRATION POCKETS AS REQUIRED. (SEE OTHER ROOF NOTES). ON THE UPHILL SIDES OF THE CURB, PROVIDE CRICKETS WITH A MINIMUM BACK SLOPE TWICE THE MAIN SLOPE (EVEN IF NOT SHOWN). AT CONDENSATE LINES DRAINING ONTO THE ROOF SURFACE, PROVIDE CONC. SPLASH BLOCKS.
23. GOLF ROUND VENTS OR PIPES THROUGH THE ROOF - VERIFY TOP IS 10" MINIMUM ABOVE THE NEW ROOF SURFACE. EXTEND AS REQUIRED. SEAL LEAD FLASHING TO INSIDE OF PIPE.
24. GOOSENECKS - MAKE ALL LINE, WIRE, CONDUIT, ETC., PENETRATIONS OUTSIDE OF CURBS THROUGH GOOSENECKS IF AT ALL POSSIBLE. MOUNT GOOSENECKS ON CURBS. COORDINATE W/ MECHANICAL & ELECTRICAL.
25. PIPE PORTALS & CURBS - FOR PIPE CONNECTIONS PROVIDE PIPE PORTALS (INCLUDING COVERS & CAPS) MOUNTED ON CURBS. COORDINATE WITH MECHANICAL AND PLUMBING.
26. PENETRATION POCKETS - ONLY WHERE GOOSENECKS OR PIPE PORTALS ARE IMPOSSIBLE, PROVIDE SEALER POCKETS W/ HOODS PER DETAILS. REVIEW THESE SITUATIONS WITH THE OWNER AND ARCHITECT.
27. ROOF LADDER - NOT USED.
28. WALK PADS - LOCATE AS FOLLOW. PROVIDE W/ CONNECTIONS ACROSS ROOF AREAS AS NEEDED. COORDINATE IN FIELD W/ OWNER. COORDINATE PADS WITH ROOF SLOPES AND CRICKETS. LOCATE PADS TO ALLOW FOR FLOW OF WATER DOWN SLOPE ESPECIALLY AT VALLEYS. INTERRUPT PADS ON AN ANGLE AT VALLEYS. NOTIFY ARCHITECT IF WALKWAY LAYOUT SHOWN IMPEDES WATER FLOW & MAKE ADJUSTMENTS AS REQUIRED. PROVIDE EXTRA PADS AT BOTH SIDES OF EXPANSION JOINT, & ROOF HATCH, RTU, & EQUIPMENT AS SHOWN.
29. TERMINATION ALONG A VERTICAL EDGE - PROVIDE PER MANUFACTURERS DETAIL. PROVIDE MTL. RECEIVER/COUNTERFLASHING (w/ BACKER ROD & SEALANT) TO COVER THE TERMINATION. INSULATION & COUNTERFLASHING SHALL NOT EXCEED HEIGHT OF EXISTING THRU WALL FLASHING. VERIFY & COORDINATE IN FIELD. MODIFY TAPERED INSULATION, CRICKET OR SLOPE ACCORDINGLY. NOTIFY OWNER/ARCHITECT OF POTENTIAL CONFLICTS.
30. ROOF HATCH - EXTEND EXIST. LADDER AS REQD FOR NEW ROOF HATCH CURB. SEE DET. 10/A1.2 FOR HATCH DET.
31. RAIL MOUNTED ROOFTOP EQUIPMENT ON CURB STYLE RAILS SITTING DIRECTLY ON ROOF DECK - PROVIDE ROOFING SIMILAR TO ROOF NOTE 1. PROVIDE PENETRATION POCKETS AND DUCT CURBS AS REQD. PROVIDE CONC. SPLASH BLOCKS AT CONDENSATE LINES DRAINING ONTO ROOF SURFACE.
32. OVERFLOW SCUPPER - MINIMUM DIMENSION OF THE OPENING SHALL BE 4". SEE DET. 12/A1.2

NOTES APPLY TO ALL ROOF PLANS & TO OTHER DRAWINGS AS NOTED.

ROOFING DEMO NOTES -

- A. REMOVE (E) ROOF AND ALL ASSOCIATED FLASHINGS, BLOCKING, ETC., DOWN TO (E) DECK AND DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE REQUIREMENTS.
- B. INSPECT (E) DECK - REPLACE ANY & ALL DAMAGED SECTIONS; PATCH & REPAIR AT UNUSED OPENINGS & REPAIR VAPOR BARRIER.
- C. PROTECT ALL (E) EQUIPMENT & FINISHES TO REMAIN.
- D. PROTECT ALL BUILDING EXITS & PATHWAYS BELOW FROM CONSTRUCTION DEBRIS DURING WORK.
- E. REMOVE ALL WASTE DAILY FROM SITE OR PLACE INTO OWNER APPROVED CONTAINERS.

ROOFING NOTES -

- A. CONTRACTOR SHALL VERIFY ALL CONDITIONS IN THE FIELD & NOTE ANY INACCURACIES ON AS-BUILTS.
 - B. ROOF ELEVATIONS - ALL ELEVATIONS ABOVE BENCHMARK ARE APPROXIMATE. VERIFY ACTUAL CONDITIONS IN THE FIELD.
 - C. PROJECT SHALL BE PHASED DUE TO BUILDING BEING OCCUPIED. CONTRACTOR SHALL COORDINATE W/ FCRS & SCHOOL ADMIN. TO SCHEDULE MAY REQUIRE AFTER HOURS WORK.
 - D. PROTECT EXISTING INTERIOR FINISHES PARTICULARLY WHERE EXISTING CEILINGS ARE EXPOSED ROOF DECK. PROTECT AREAS BELOW PER SPEC SECTION.
 - E. REMOVE ANY HAZARDOUS MATERIALS DUE TO ROOF REPLACEMENT WORK INCLUDING FLASHING, PIPE INSULATION, CEILING TUBS ETC. PROVIDE INDUSTRIAL HYGIENIST DURING REMOVAL TO MONITOR & TEST FOR CLEARANCE.
 - F. ALL WORK RELATED TO THE ROOFING SYSTEMS SHALL BE PERFORMED BY THE APPLICATOR OR BY PARTIES ACCEPTABLE TO THE ROOFING MANUFACTURERS AND QUALIFIED TO INSTALL ROOFING WITH THE SPECIFIED WARRANTIES.
 - G. COORDINATE ROOFING WITH OTHER WORK, ESPECIALLY MECHANICAL, PLUMBING, AND ELECTRICAL.
 - H. LOCATIONS OF ROOFTOP EQUIPMENT SHOWN ARE APPROXIMATE. COORDINATE WITH ACTUAL FIELD CONDITIONS. VERIFY IN THE FIELD. PROVIDE ROOFING AS REQUIRED TO ACCOMMODATE THE EQUIPMENT INSTALLED.
 - I. BLOCKING - PROVIDE ALL NEW PRESSURE TREATED - 2 x 6 MIN. BLOCKING, UNLESS NOTED OTHERWISE.
1. CONTRACTOR SHALL REMOVE ALL CONSTRUCTION DEBRIS AND CLEAN ASPHALT RELATED PRODUCTS (NEW OR EXISTING) FROM ALL ADJ. SURFACES PRIOR TO FINAL INSPECTION.
 2. PROVIDE ADEQUATE PROTECTION OF ALL ROOF DECKS DURING EXPOSURE.
 3. REPAIR ALL DENTED OR DAMAGED EXHAUST FANS/ EQUIPMENT - NOTE EXISTING FANS RECENTLY REPLACED.
 4. TRIM ANY TREES THAT OVERHANGS ROOF BACK BEYOND EDGE OF ROOF LINE.
 5. PROVIDE STAINLESS STEEL FITTINGS AT ALL CONDENSERS.

NOTE: INSULATION TO HAVE A MIN. AVERAGE R VALUE OF 30

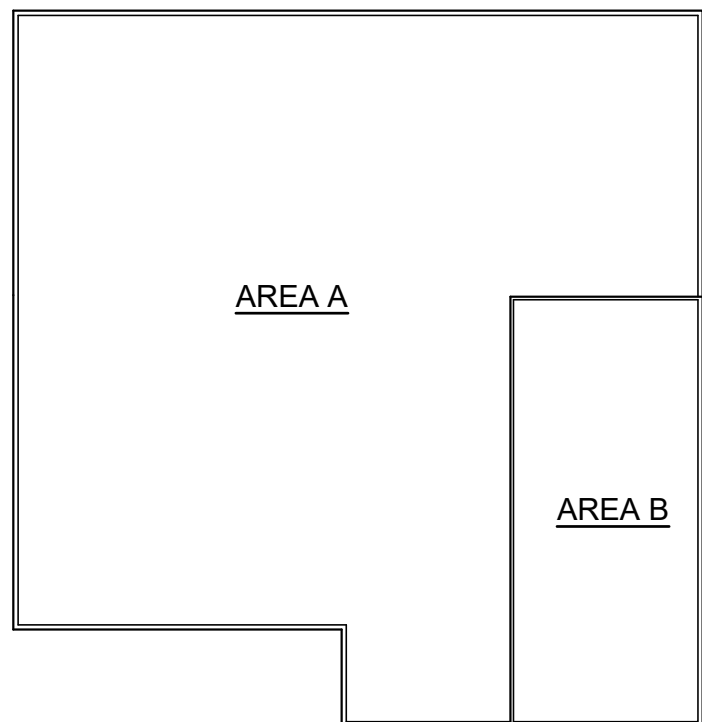
NOTE: CAPPED VENTS (CV) ARE TO BE REMOVED WHEN POSSIBLE. PATCH (E) ROOF DECK AS REQD.

NOTE: COPING WIDTHS VARY. VERIFY DIMENSIONS IN FIELD.

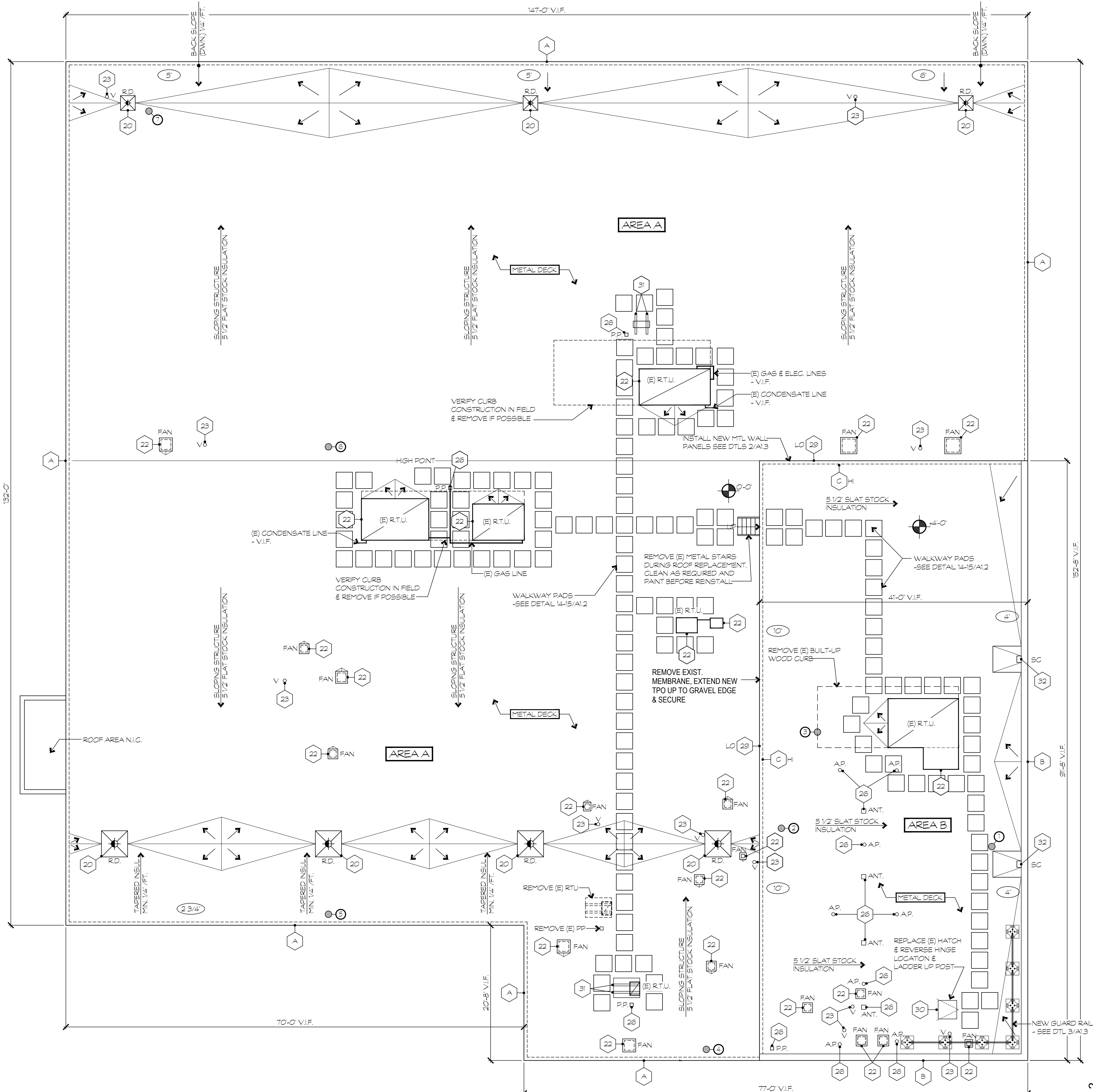
LEGEND

TAPERED INSULATION OR SLOPING STRUCTURE SLOPE 1/4" / FT. - TYP.	DIRECTION OF MAIN ROOF SLOPES PROVIDED BY SLOPING STRUCTURE AND/OR TAPERED INSULATION
	VENT THRU ROOF - SEE DTLS. 8/A1.2
	ANCHOR POINT - REMOVE ALL (E) NOT IN USE IF UNABLE TO BE REMOVED, DETAIL PER 9/A1.2
	ANTENNA BASE - REMOVE ALL (E) NOT IN USE IF UNABLE TO BE REMOVED, DETAIL PER 9/A1.2
	PIPE PORTAL/PITCH POCKET - DETAIL PER 9/A1.2
	WALKWAY PADS - SEE DETAIL 14/15/A1.2
	APPROXIMATE HEIGHT OF TAPERED INSULATION AT A GIVEN POINT
	CORE SAMPLE (7 TOTAL)

ROOF AREAS	
AREA A	17,237
AREA B	5,755
TOTAL S.F.	20,995

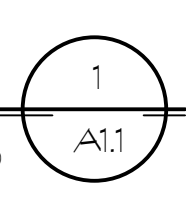


KEY PLAN
N.T.S.



ROOF PLAN

1/8" = 1'-0"
1/8" = 1'-0"
SCALE



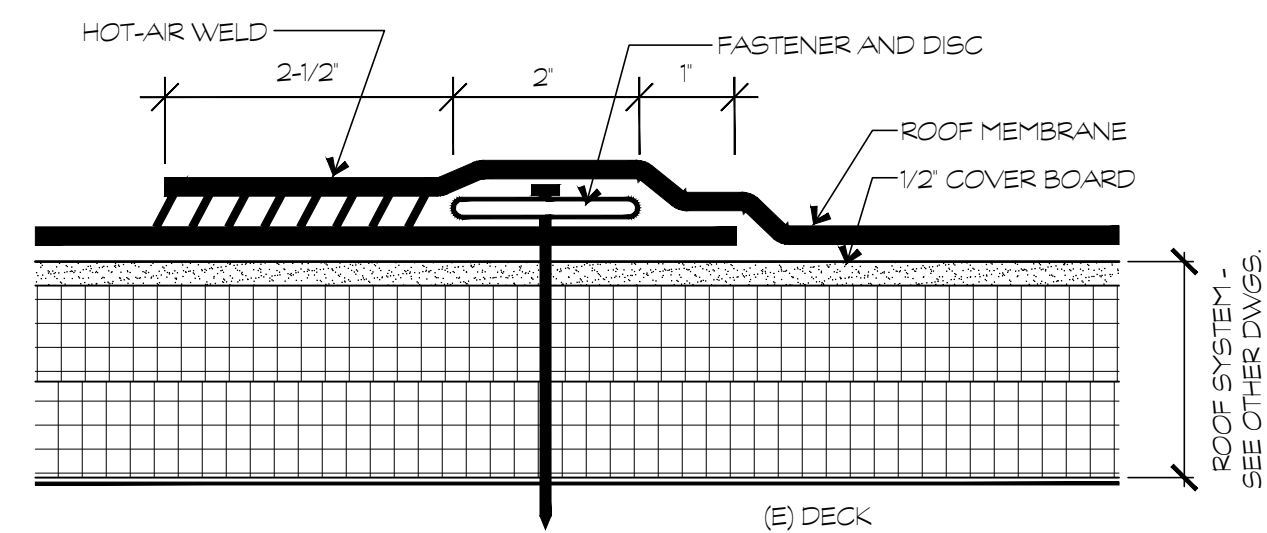
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Attachment No. 1 - (4 pages)
January 29, 2021

BFM BUSHEY FEIGHT MORIN ARCHITECTS
478 NORTH POTOMAC STREET, HAGERSTOWN, MD 21740
BFMARCHITECTS.COM | 301-733-5600 | FAX 301-733-5612
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BFM# 20045 FCRS' LINCOLN 'A' FACILITY
ROOF REPLACEMENT

ROOF
PLAN / NOTES
A1.1
1 OF SHEETS
DATE: 01.14.21

DRAWINGS VENT TO
INDICATE GENERAL
DIRECTION OF AIR FLOW
AND THAT AIR IS A DAILY
DISAPPEARING IT SHALL
NOT BE SCALED FOR
OR BE SECTON
SHOWN
RESPONSIBLE FOR
VERIFICATION OF DIMENSIONS
7/1/22

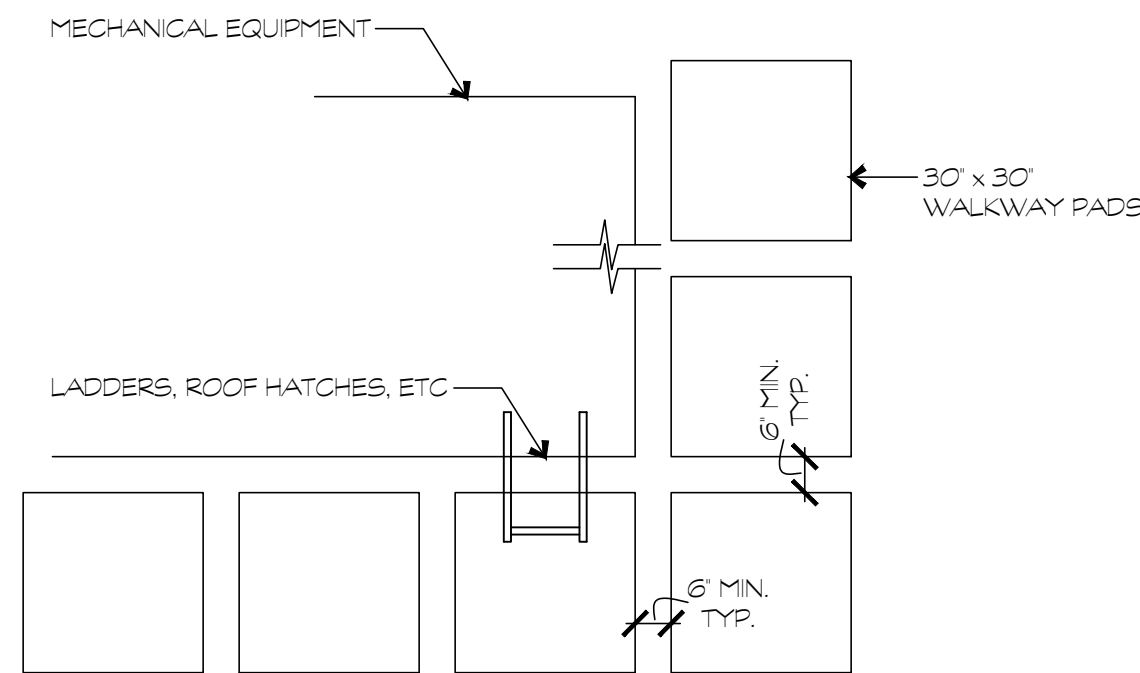
VERIFY THAT THESE
DOCUMENTS WERE
RECEIVED BY THE
CLIENT AND THAT A DAILY
LICENSED ARCHITECT UNDER
THE LAWS OF THE STATE OF
MARYLAND
LICENSE NO.
EXPIRATION DATE
7/1/22



NOTE: VAPOR BARRIER SHALL BE SEALED AT OVERLAPS AND PENETRATIONS.

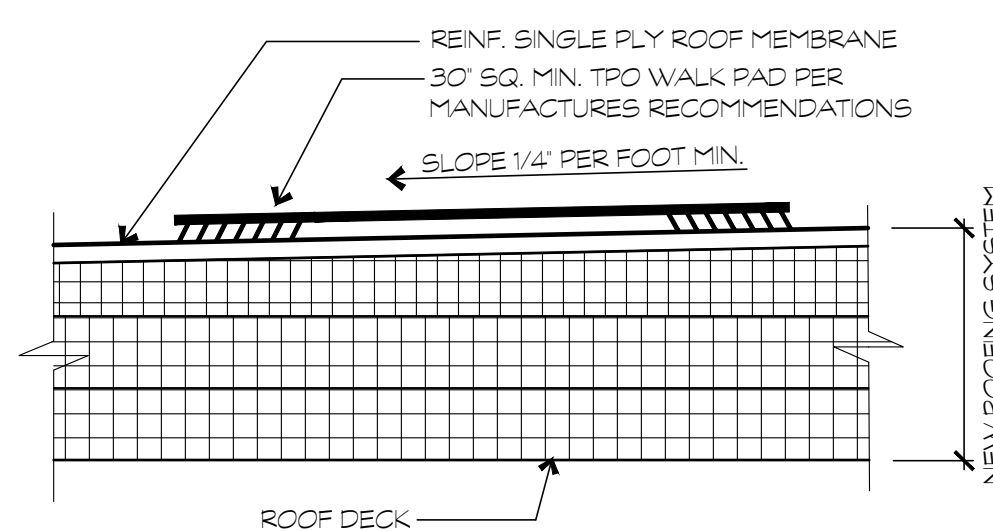
MEMBRANE SPLICE

3' = 1'-0"



WALKWAY PAD LOCATION DET.

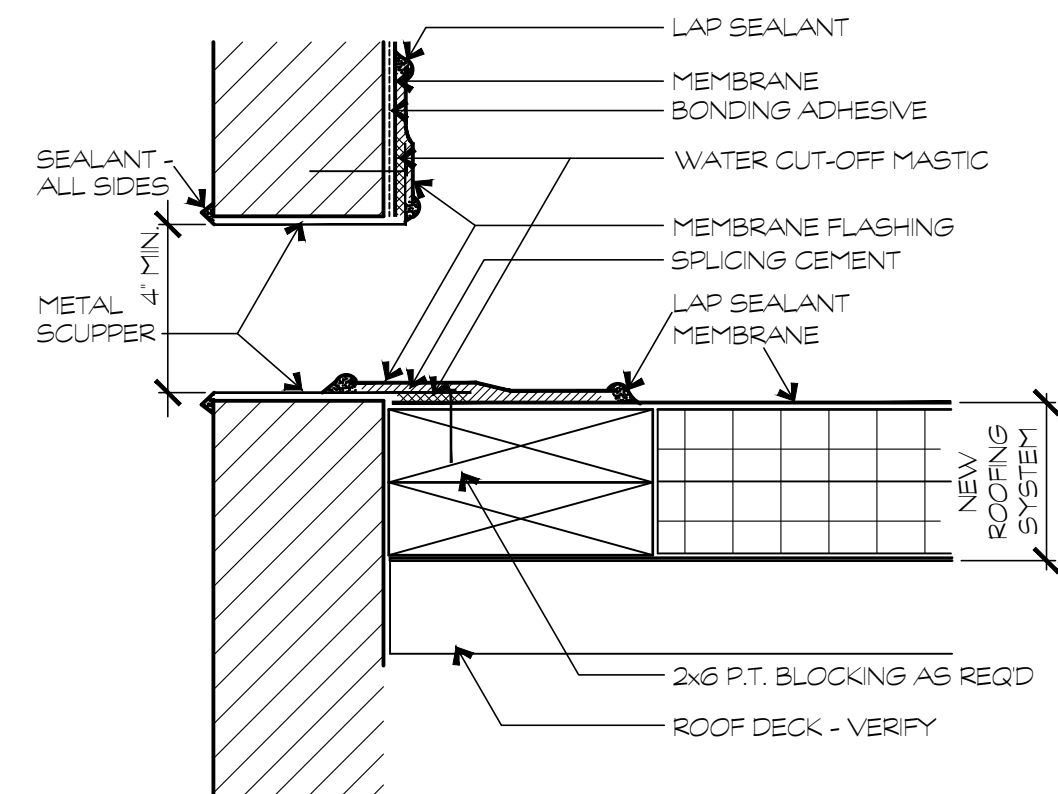
NOT TO SCALE



TYPICAL WALK PAD DETAIL

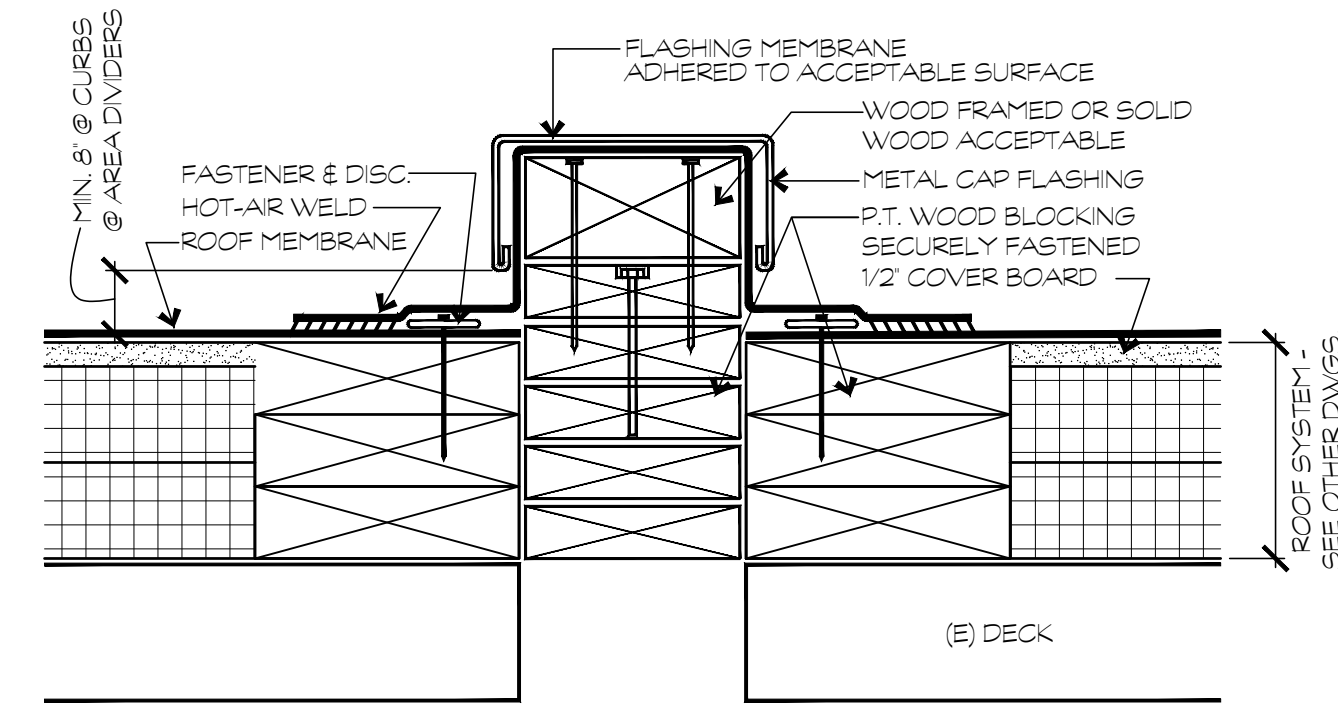
3' = 1'-0"

- NOTES:
1. TREATED WOOD NAILERS - INSTALL ONLY AT SCUPPERS TO SECURE METAL SLEEVES AND EXTEND PAST THE TOTAL WIDTH OF THE METAL SLEEVE FLANGE.
 2. TAPER NEW ROOFING SYSTEM UP OR DOWN TO SCUPPER AS REQUIRED.
 3. METAL SCUPPER BOX MUST HAVE CONTINUOUS SIDES; METAL FLANGE MUST BE CONTINUOUS WITH ROUNDED CORNERS.
 4. INSTALL WATER CUT-OFF MASTIC UNDER CONSTANT COMPRESSION.
 5. PROVIDE A MIN. 2" (5 cm) FLASHING SPLICE PAST THE NAIL HEAD ON THE METAL FLANGE OF THE SCUPPER.
 6. SET THE THE MAXIMUM HEIGHT OF THE SCUPPER ABOVE THE LOW POINT OF THE ROOF SHALL BE 3' PER CODE & STRUCTURAL CAPACITY.



SCUPPER DETAIL

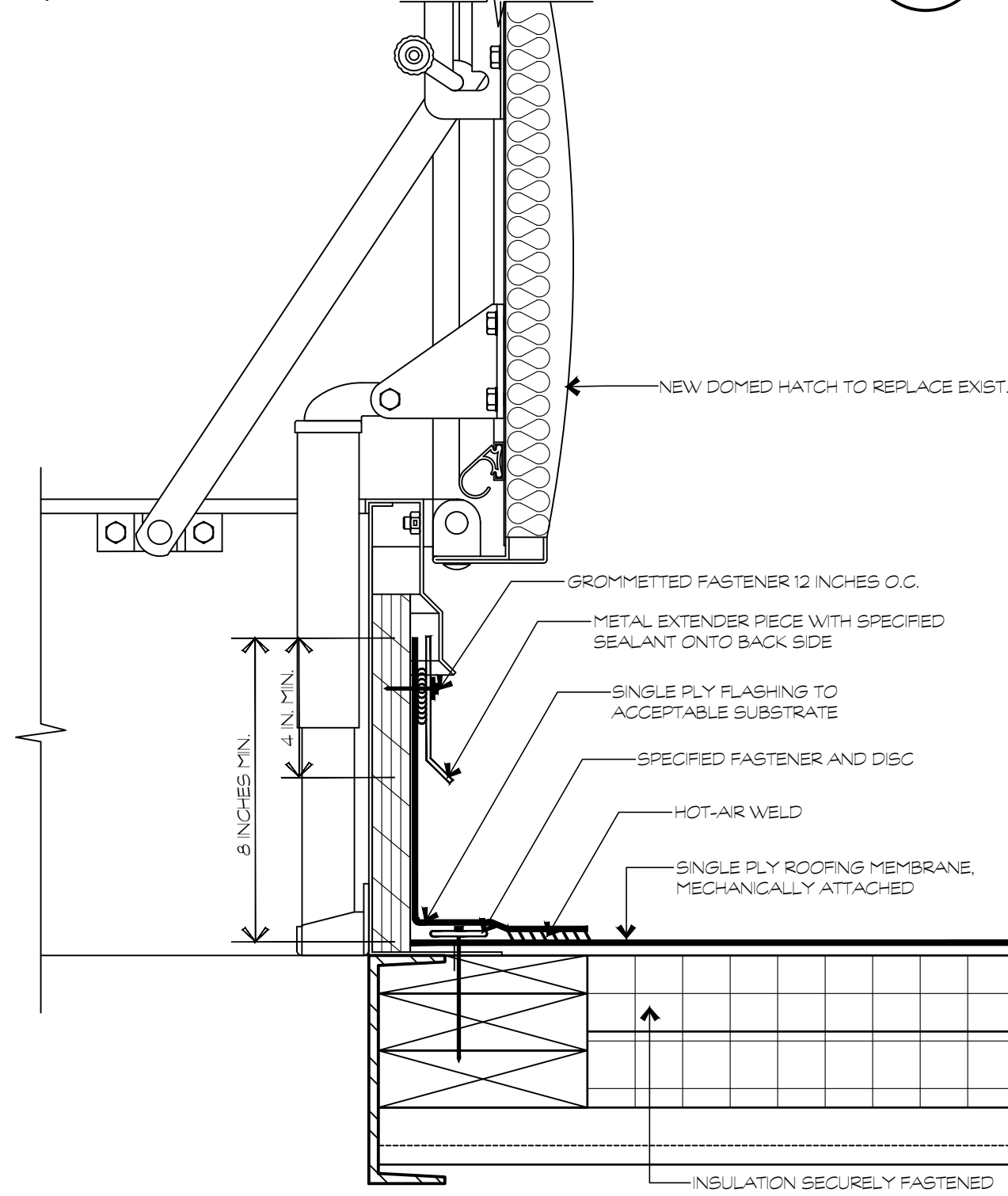
3' = 1'-0"



- NOTES:
1. NAILERS SHALL BE SECURELY ANCHORED TO THE DECK TO RESIST A FORCE OF 300 POUNDS PER LINEAL FOOT IN ANY DIRECTION.
 2. VAPOR BARRIER SHALL BE SEALED AT EDGES.

TYPICAL EQUIP. SUPPORT/ CURB DETAIL

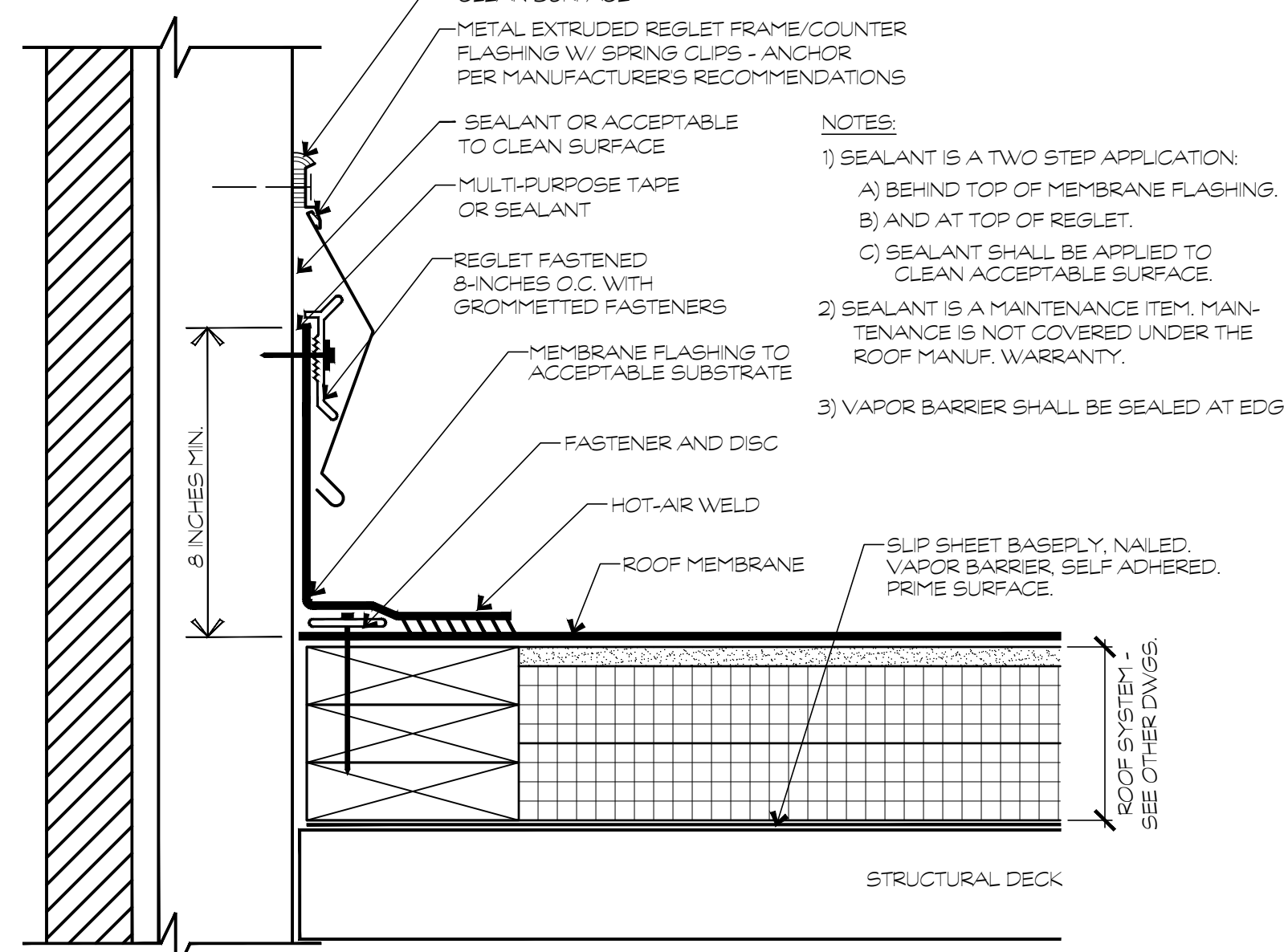
NO SCALE



- NOTE:
1. METAL EXTENDER PIECE IS REQUIRED IF HATCH COUNTERFLASHING IS CONTAMINATED AND/OR COUNTERFLASHING FLASHA IS LESS THAN 4 INCHES WIDE. FASTENED 12 INCHES O.C. W/ GROMMETTED FASTENER.

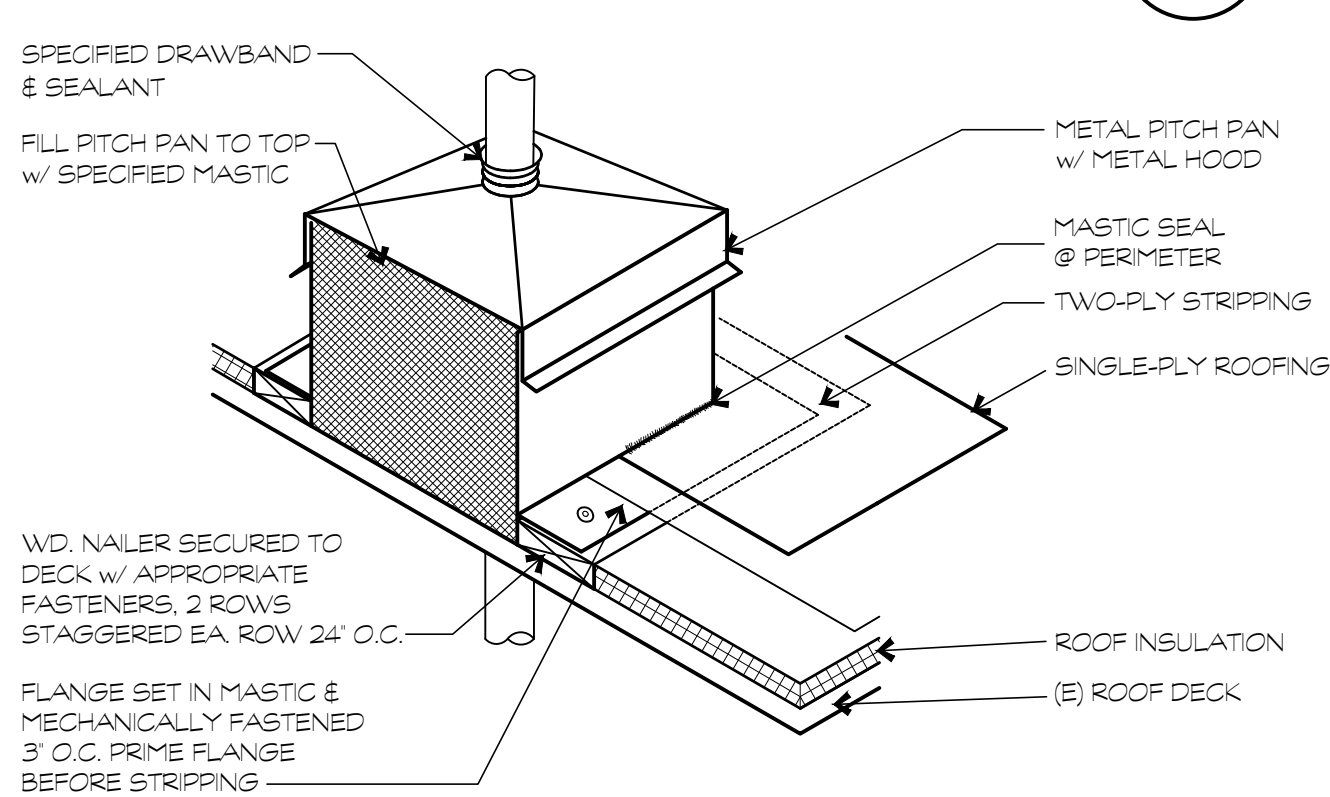
TYP. FLASHING @ ROOF HATCH

3' = 1'-0"



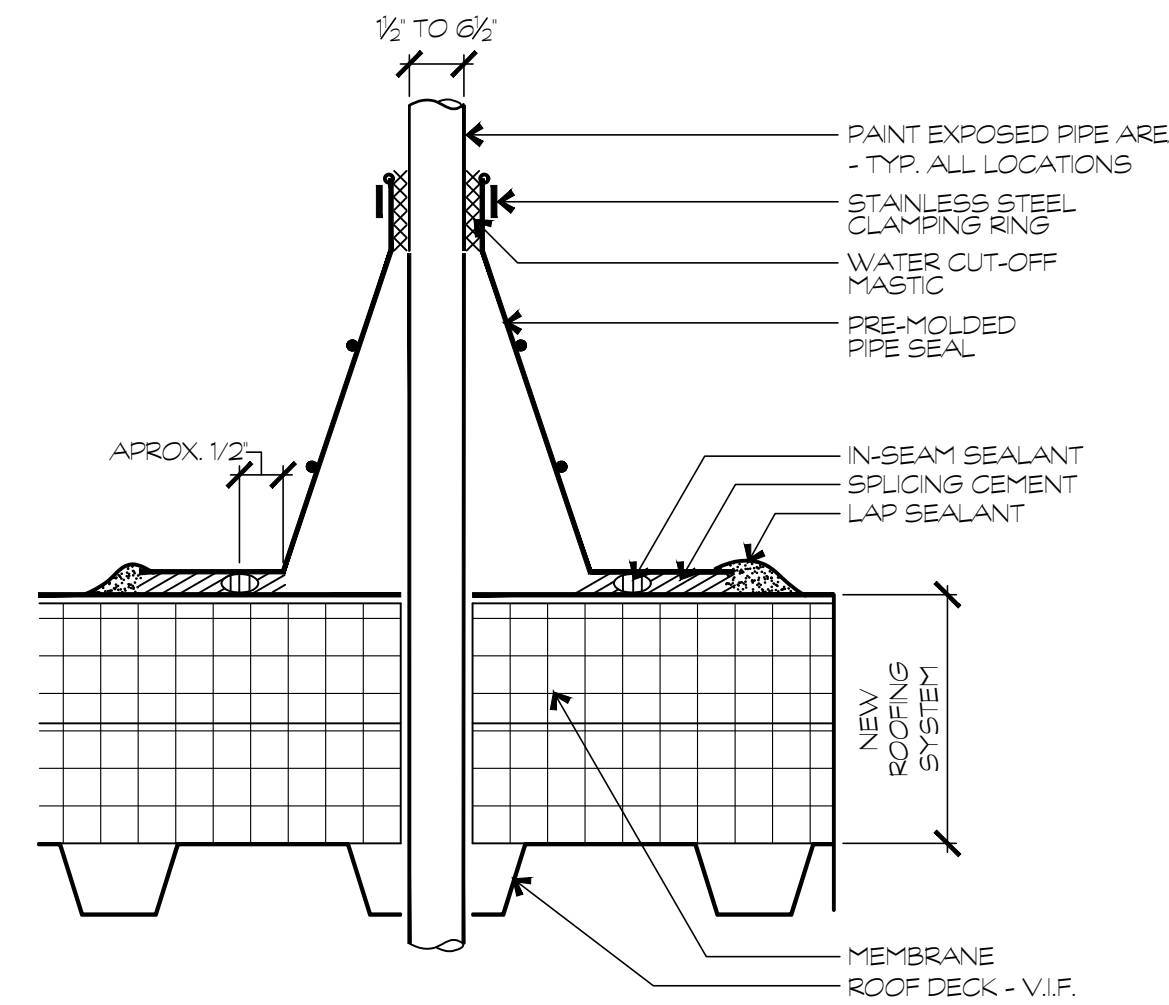
DETAIL @ VERT TERMINATION

3' = 1'-0"



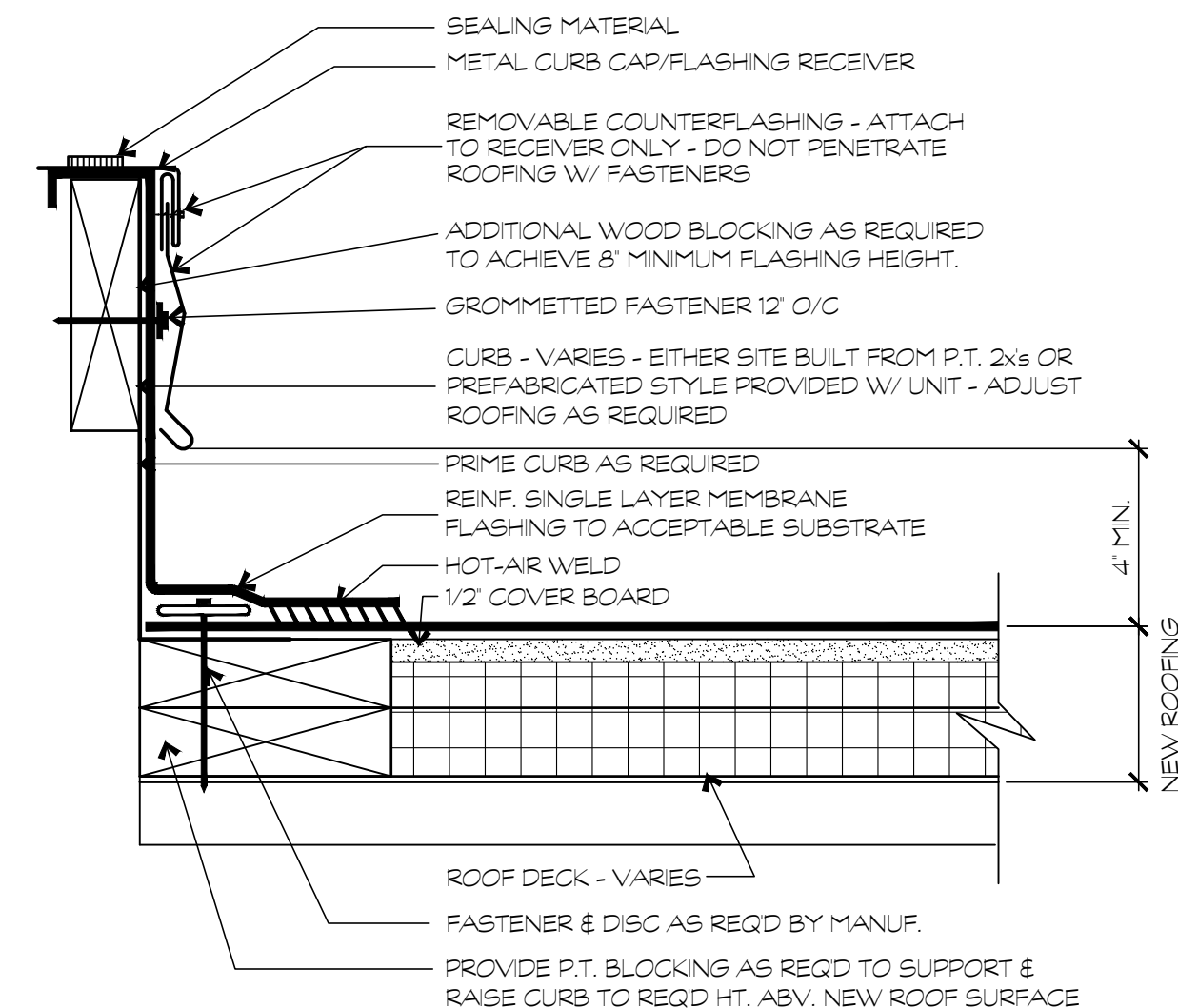
PITCH POCKET W/ GROUT

3' = 1'-0"



VENT PIPE DETAIL

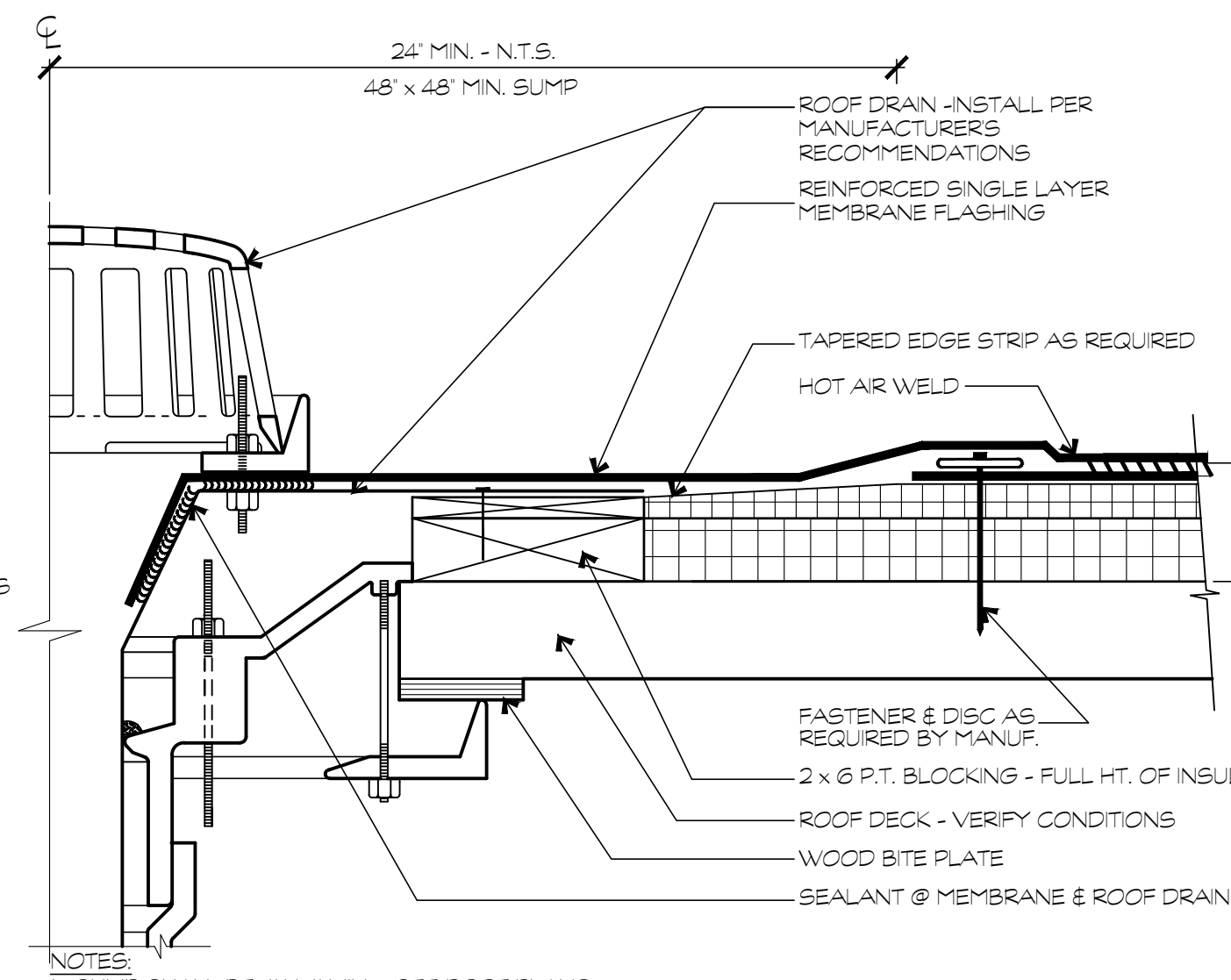
3' = 1'-0"



- NOTES:
1. MAKE ALL LINE, PIPE, DUCT, & CONDUIT PENETRATIONS INSIDE THE CURB (INCLUDING CONDUITS FOR CONVENIENCE OUTLETS).
 2. THIS DETAIL SHOWS THE CURB RESTING ON THE BLOCKING.

FLASHING AT CURBS

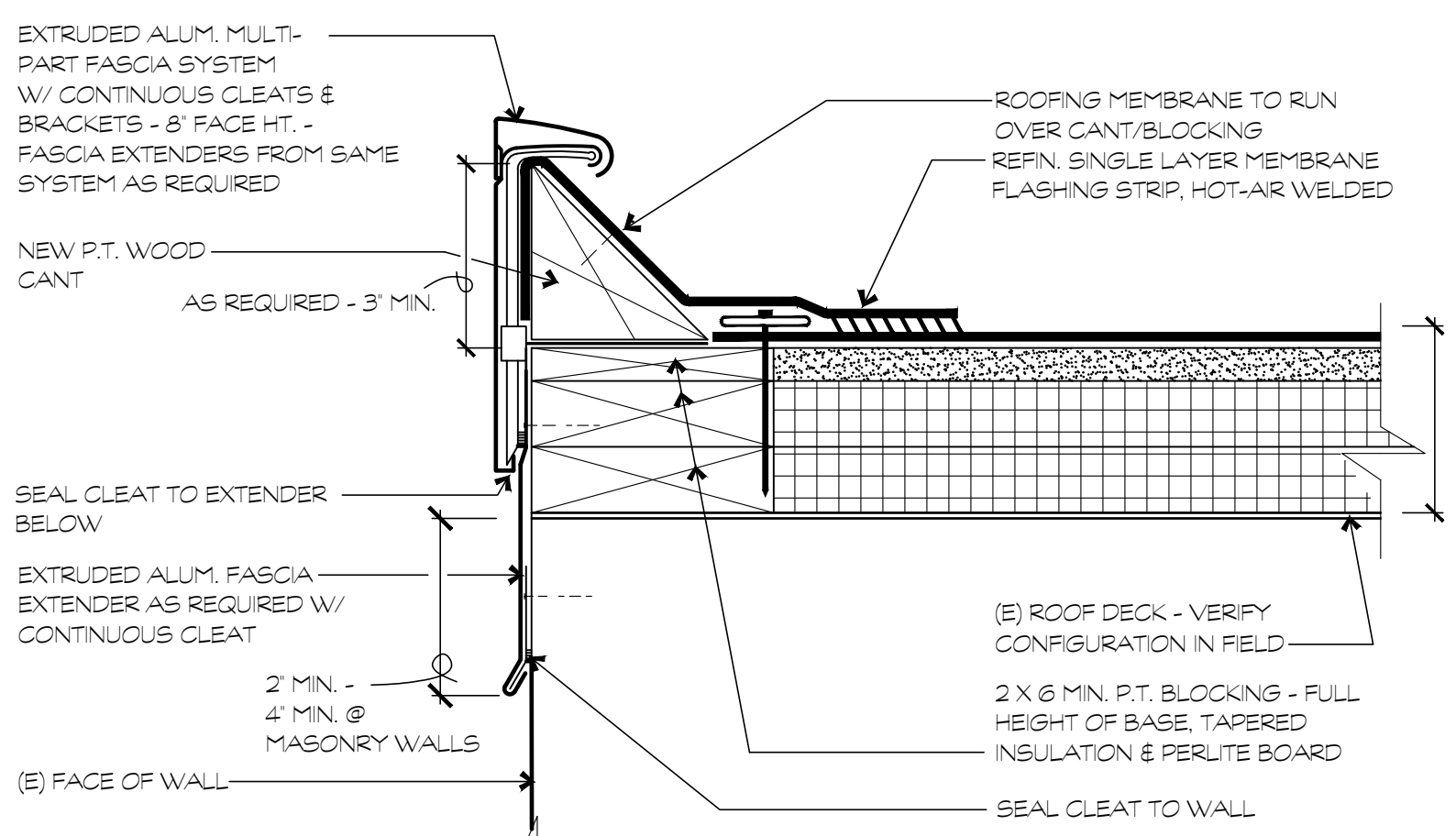
3' = 1'-0"



- NOTES:
1. SUMP SHALL BE 4 X 4 MIN. - SEE ROOF PLANS
 2. EXTEND MEMBRANE PILES, METAL FLASHING, & FLASHING PILES UNDER THE CLAMPING RING.
 3. NO LAPS WITHIN 6\"/>

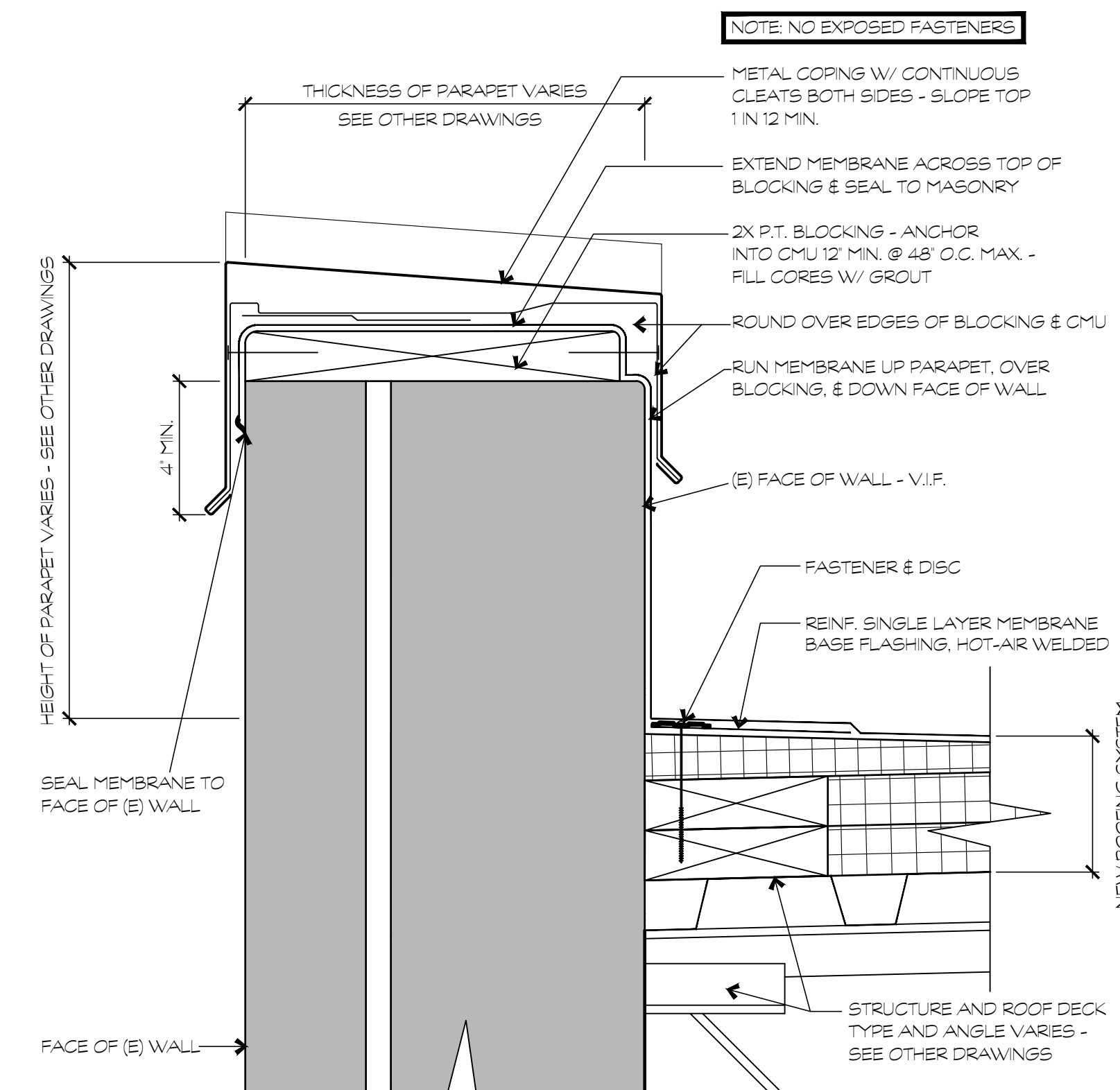
TYP. ROOF DRAIN W/ SUMP

3' = 1'-0"



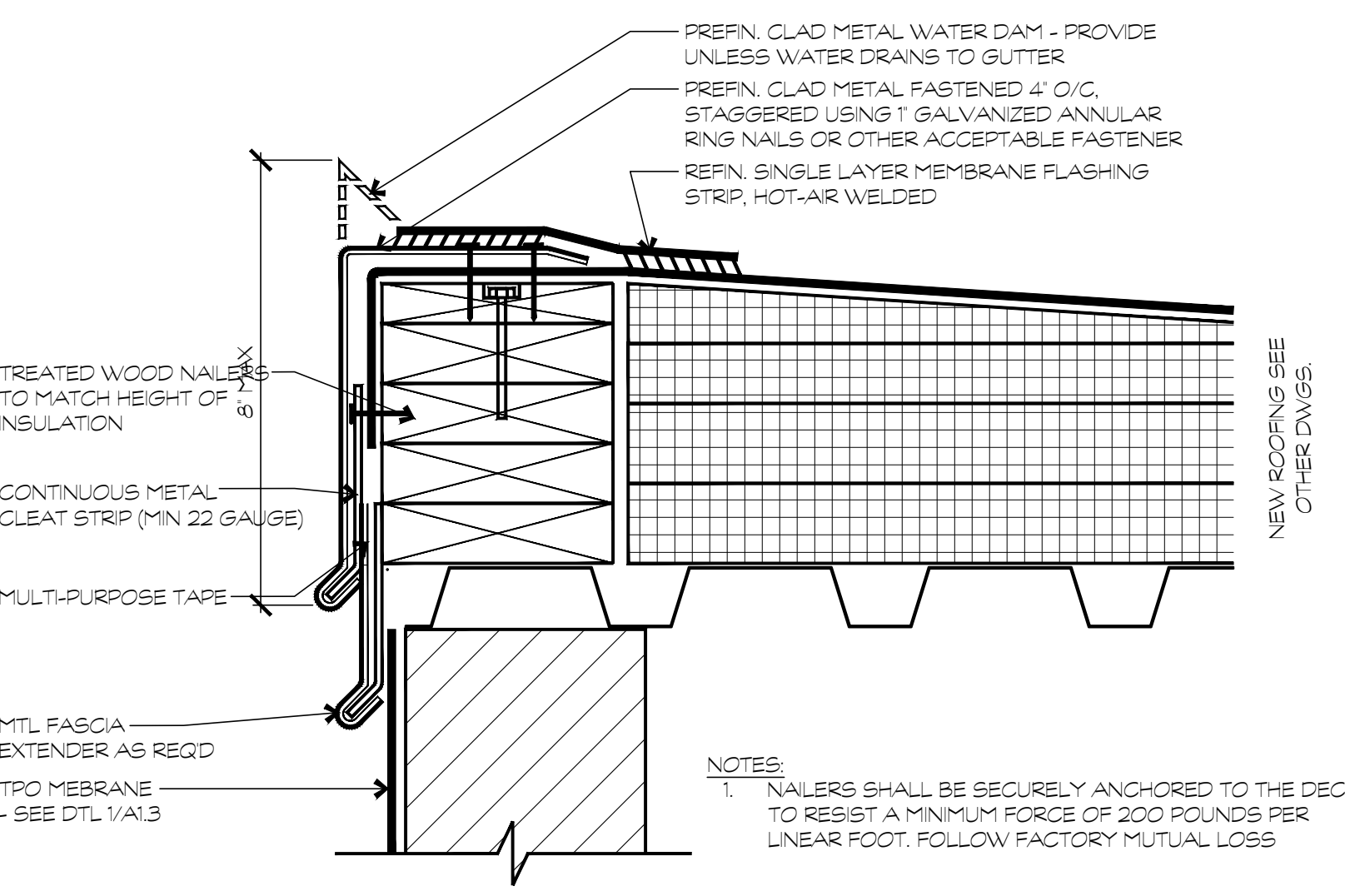
TYPICAL DETAIL @ ROOF EDGE (TREMLINE)

3' = 1'-0"



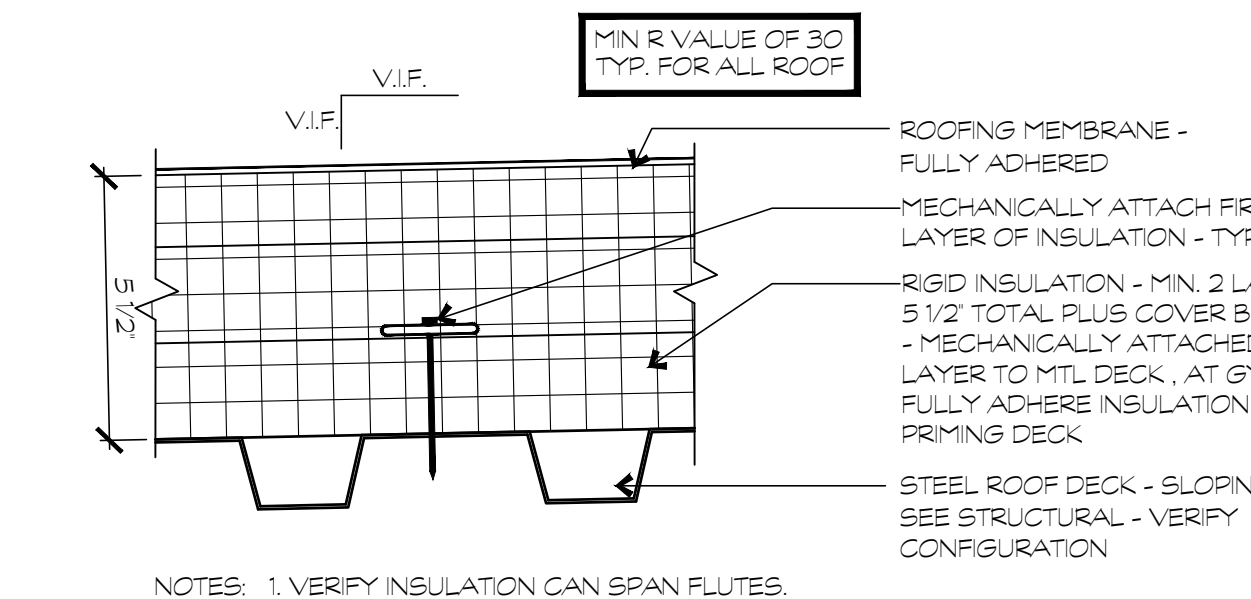
PARAPET DETAIL SECTION

3' = 1'-0"



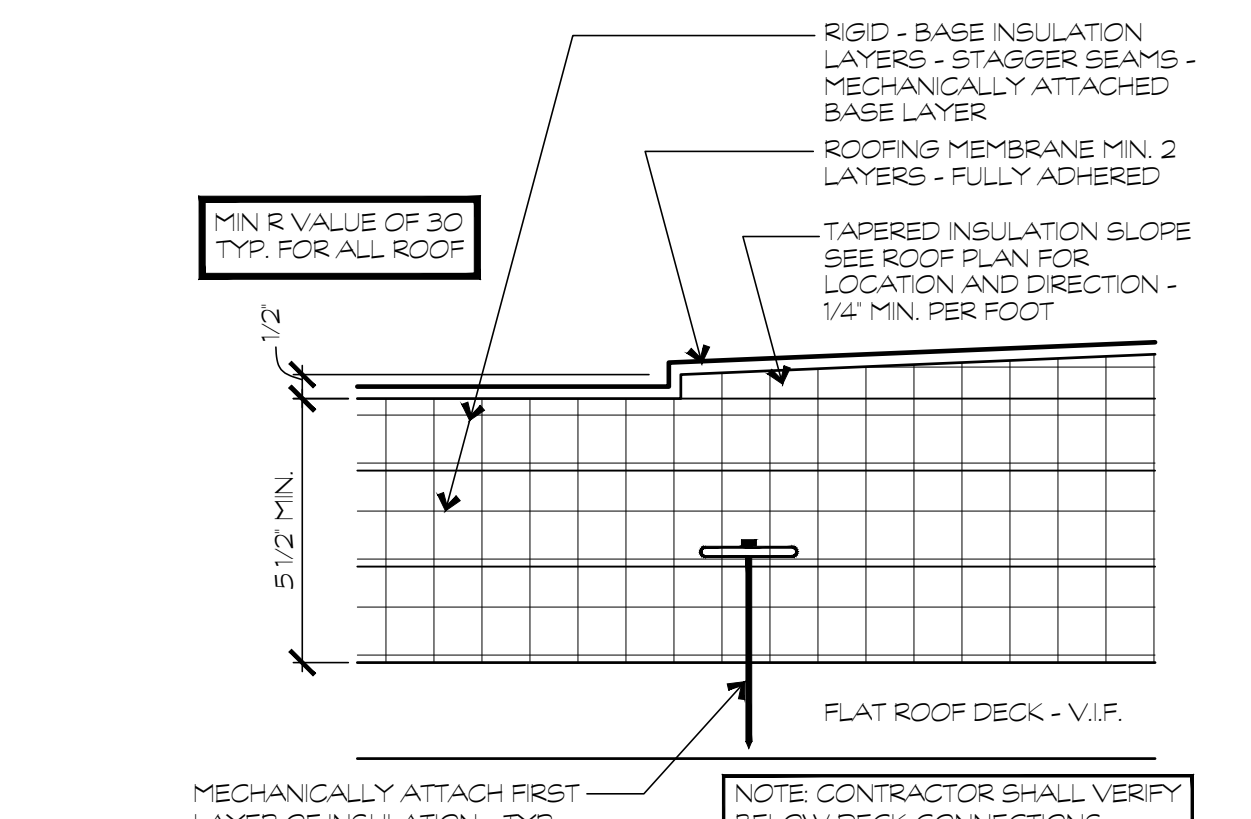
MTL. ROOF EDGE TYPE 'A'

N.T.S.



ROOFING SYSTEM - SLOPED DECK

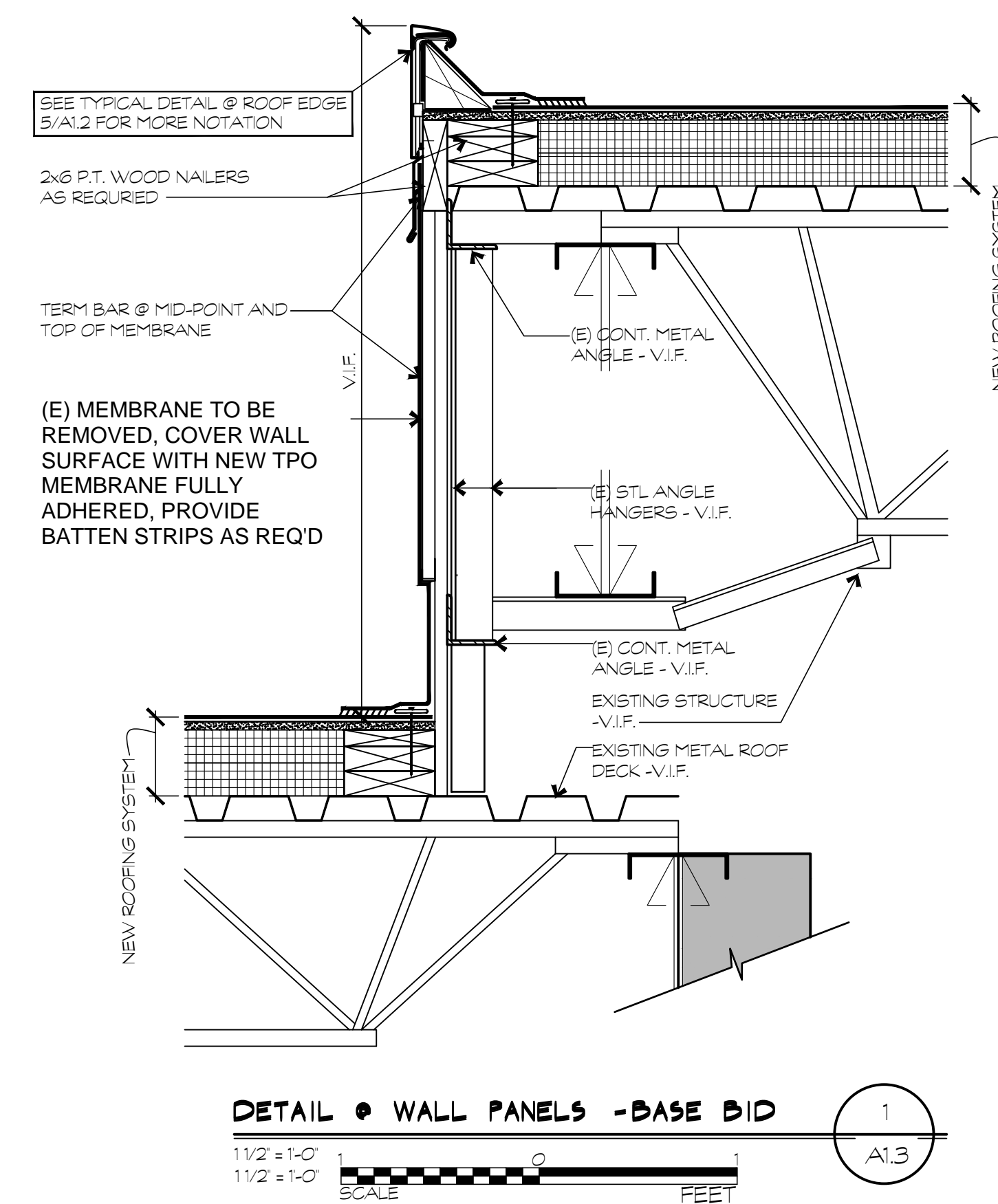
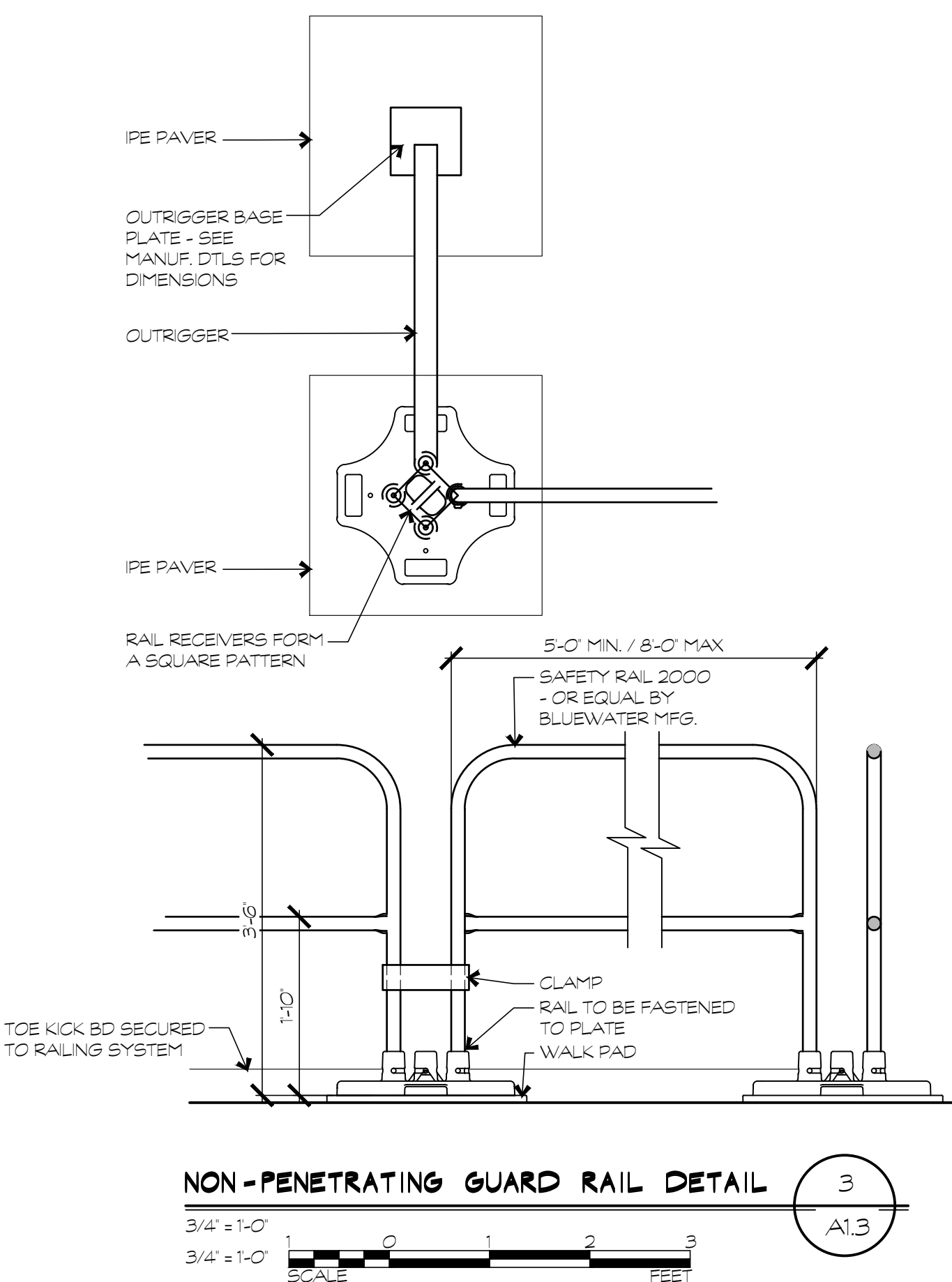
3' = 1'-0"



ROOFING SYSTEM - LEVEL DECK

3' = 1'-0"

SCALE 3' = 1'-0"



ROOF
DETAILS
A1.3
| OF SHEETS
DATE : 01.14.21

BFM BUSHEY FEIGHT MORIN ARCHITECTS
473 NORTH POTOMAC STREET, HAGERSTOWN, MD 21740
BPMARCHITECTS@AOL.COM TEL: 410-326-7330 FAX: 410-326-7331
P. 223 • BUSHEY FEIGHT MORIN ARCHITECTS, INC.

BFM® 20045 FCPS: LINCOLN 'A' FACILITY
ROOF REPLACEMENT

I CERTIFY THAT THESE
DOCUMENTS WERE
PREPARED OR APPROVED
BY ME, AND THAT I AM A DULY
LICENSED ARCHITECT UNDER
THE LAWS OF THE STATE OF
MARYLAND.

LICENSE NO.
10011

EXPIRATION DATE
7/7/22

DRAWING INTENT IS TO
INDICATE GENERAL
ARRANGEMENT, DESIGN AND
INTENT OF WORK IS PARTLY
DIAGRAMMATIC. IT SHALL
NOT BE SCALED FOR
ROUGH-IN MEASUREMENTS
OR SERVE AS ERECTION
SHOP DRAWINGS.
CONTRACTOR IS
RESPONSIBLE FOR
VERIFICATION OF DIMENSIONS

Pre-Bid Meeting Notes January 28, 2021 - Bid 21C5, Lincoln A Facility Roof Replacement Project

The intent of this solicitation is for the replacement of roof sections and all associated work at Lincoln "A" Facility. This project includes replacement of roof sections, A & B, totaling 20,995 square feet.

This bid is being issued under RFQ 14MISC2, Request for Qualifications of Roofing Contractors. Only pre-qualified roofers under this solicitation can be considered for award.

The Board of Education of Frederick County will receive proposals for Bid 21C5, Lincoln A Facility Roof Replacement Project. Proposals will only be received electronically via ProcureNow <https://secure.procurenow.com/portal/fcps> prior to and no later than **10:00 a.m., local time, on February 11, 2021**. Proposal received after this time will not be accepted.

RFP's will be opened and publicly read utilizing Skype Business: (240) 236-6172 (FCPS) Conference ID: 7907906
Meeting URL: <https://meet.fcps.org/kimberly.miskell/D21WC0P9?sl=1>

Tentative Board Award: March 10, 2021

Contract Manager: Kim Miskell, CSBO, Assistant Purchasing Manager, kim.miskell@fcps.org
Contract Administrator: Brian Staiger, Senior Project Manager, Capital Program Department, brian.staiger@fcps.org

For information pertinent to the bidding process, the attention of all contractors, subcontractors and material supply bidders are directed to the:

- Invitation to Bid (Page 3)
- Instruction to Bidders (AIA Document A701) (Pages 15 -28)
- Supplemental Instructions to Bidders (Supplement to AIA A701) (Pages 29 - 42)
- Proposal Form and Signature Page (Page 43 - 44)
- General Conditions and Supplementary Conditions of the Contract (Pages 75 - 142)

Certified Minority Business Enterprises are encouraged to respond to this solicitation notice. The contractor or supplier who provides materials, supplies, equipment and/or services for this construction project shall attempt to achieve the specific overall MBE goal 15% established for this project. All prime contractors, including certified MBE firms, when submitting bids or proposals as general or prime contractors, are required to attempt to achieve this goal from certified MBE firms.

This project will be bid with Prevailing Wage Rates.

Please make sure that your bid submission includes the following:

- Proposal pages completely and accurately filled out.
- Signature Acknowledgement Form completed and signed.
- Minority Business Enterprise Attachment "A" Form completed and signed.
- Minority Business Enterprise Attachment "B" Form completed and signed.
- Statutory Affidavit and Non-Collusion Certification form completed and signed.
- Certificate of Compliance form completed and signed.
- AIA A310 Bid Bond (for 5% of the total bid amount).
- Vendor Conflict of Interest Disclosure Form completed and signed.

Should any bidder find discrepancies in, or omissions from, the drawings and other contract documents need to request clarification in writing. All necessary interpretations will be issued to all bidders in the form of addenda.

Directed to: Brian Staiger, Senior Project Manager, Capital Program Department, brian.staiger@fcps.org
with a copy to Kim Miskell, CSBO, Assistant Purchasing Manager at: kim.miskell@fcps.org

No written requests received within seven (7) calendar days prior to the bid due date will be considered and no addenda will be issued later than four (4) calendar days prior to the bid opening date. (February 2, 2021 - 4:00 p.m. Questions Due)

Laws and Regulations:

The vendor will comply with all Federal, State, and local laws, ordinances and regulations pertaining to work under their charge. If the vendor performs any work which it knows or should know to be contrary to such laws, ordinance, and regulations and without such notices to FCPS they shall bear all costs arising therefrom.

All vendors and subcontractors must abide by the Board of Education of Frederick County policies and FCPS regulations while working on school property.

It is the contractor's responsibility to ensure that no individuals who are registered sex offenders are working on this project. This also applies to subcontractors and materials/equipment supplies as well. For projects lasting longer than a few months, the contractor shall periodically re-check the names of workers against the Maryland Sex Offender's Registry to ensure ongoing compliance.

Pre-Bid Meeting Notes January 28, 2021 - Bid 21C5, Lincoln A Facility Roof Replacement Project

Additionally, individuals that have been convicted of a crime of violence under §3-307 and §3-308 of the Criminal Law Article are not eligible to work on any FCPS project.

The use of tobacco and alcohol beverages in any form is prohibited on FCPS property at all times, all year.
No person shall carry or possess any rifle, gun, knife, or deadly weapon of any kind on FCPS property.

Liquidated Damages will be assessed at \$500.00 per day for each calendar day required to achieve substantial completion beyond the substantial completion dated authorized by the contract.

Anticipated construction will commence on or around June 24, 2021.

Substantial Completion shall be achieved by August 10, 2021.

Pre-Bid Attendance Roster
Bid 21C5, Lincoln A Facility Roof Replacement Project

<u>Company</u>	<u>Contact Name</u>	<u>Contact Email</u>
RUFF ROOFERS	NICK YEWELL	estimating@ruffrooferz.com
Langenfelder Mech	Sha Johnson	Sha@Langenfelder.com
Kalkreuth Roofing	Austin Lynch	alynch@krsmanct
CitiRoof	Bryan Maloney	bryan@citrroof.com
Tremco	Evan Yohar	eyohar@tremcoinc.com
ironshore	Jasmin Edwards	estimating@ironshoregrp.com ldowhey@ironshoregrp.com