

# A d d e n d u m

## VWCC Workforce Training Center

**DATE:** 11/17/2021

**TO:** All Bid Document Holders

**FROM:** Gary E. Harvey

**COMM. #:** 21152

### ADDENDUM #: 1

**BID DATE:** 12/8/2021

**BID TIME:** 10:00am

**BID LOCATION:** Purchasing Office, Rm. 200, at 57 S. Center Drive, Daleville, VA 24083, Atten: Tincher, Susan- [stincher@botetourtva.gov](mailto:stincher@botetourtva.gov)

This addendum becomes part of the Construction Documents. The following changes, additions, and deletions shall be made to the following documents; all other conditions shall remain the same. Please attach to all copies of the Construction Documents which you are holding.

All Contractors are to state in their bid the receipt of this addendum.

Instruction to Bidders:

### ADDENDUM TO THE DRAWINGS:

<u>Number</u>	<u>Drawing</u>	<u>Detail No.</u>	
1	2021-11-17_VWCC-GWTC_ADD1_A1.3.pdf	7A1.3	Deleted Detail 6/ A1.3, added Detail 7/ A1.3
2	M4.0	-	Add Sheet M4.0

### QUESTIONS/ANSWERS AND CLARIFICATIONS:

<u>Number</u>		
1	<i>Question</i>	Could we get a section looking at the roof framing as shown below? I'm having a hard time visualizing what is required.
	<i>Answer</i>	See S2.1 Detail #14



- 2      *Question*      Plan page C-001-General Note 11: What permits will be necessary?
- Answer*      All permits required from Botetourt County must be obtained – fees associated with these permits will be waived.  
         All permits required from other entities must be obtained, included any associated fees.
- 3      *Question*      Will fees for necessary county permits be waived?
- Answer*      Botetourt County will waive all Botetourt County specific fees. All outside fees, the GC will be responsible for.
- 4      *Question*      Plan page C-002-Demolition Note 5: "Contractor to post the land disturbance bond at the amount set by Botetourt County...." How do we include the fee for this bond if it has not been set?
- Answer*      This item will be addressed in Addendum No. 2.
- 5      *Question*      Plan page C-002-Demolition Note 6: similar to question #1 but implies that the owner may have obtained some permits. Are any permits to be obtained by the owner?
- Answer*      All permits required from entities other than Botetourt County must be obtained, including any associated fees.
- 6      *Question*      Plan page C-002-Sanitary Note 4: Does the Western Virginia Water Authority televise the sewer lines, or do we need to include this item?
- Answer*      The contractor shall include this cost in their bid.
- 7      *Question*      Plan page C-002-Grading Note SA: We usually see the owner have responsibility for the special inspections and we co-ordinate with the inspectors. Please confirm if the contractor or the owner obtains and pays for the special inspections.
- Answer*      Botetourt County will obtain and pay for Special Inspections. The Contractor shall provide the County with a fourteen-day notice prior to the date of the inspection.
- 8      *Question*      C-101: note at the UG FO lines refers to demolition note 3 on page C-002. This note directs us to co-ordinate with utility companies and owner for these two lines to the classroom trailer units shown in the parking area. Please confirm that we are not responsible for any material or labor for utilities to these trailer units.



- Answer* These will be power lines installed by BoCo when they relocate the existing modular classrooms. The note on C-002 is to bring the contractor's attention to these two lines and their location- and therefore any coordination with BoCo concerning the contractor's work.
- 9 *Question* Plan page A1.1: a fire extinguisher/cabinet is drawn in the Foyer 130F just north of opening 130E but it is not labeled 2101 as are the other two locations. Please advise if an extinguisher/cabinet is/is not intended at this location.
- Answer* There are two fire extinguisher cabinets located in the building. See LS1.0 for location of the cabinets. The cabinet located on A1.1 located at the intersection of Corridor 130 and Foyer 130E does in fact have a note "2101".
- 10 *Question* Manual contains sections 07 1113 Bituminous Dampproofing and 07 2500 Weather Barriers. Plan wall sections and details from A4.0 thru AS.3 list item "726-weather barrier" on CMU walls from below grade to the top of the walls and the roof side of CMU and cold formed metal framed walls. Please clarify whether both products are needed and where they are to be installed.
- Answer* Both products are needed. The Bituminous Dampproofing is to be installed on the exterior face of masonry that is below grade. The Weather Barrier is located within the cavity wall.
- 11 *Question* Manual section 07 1113 also lists "drainage panels" Where does this product occur?
- Answer* Drainage Panels are noted on the drawings as Rain Screen Fabric. It typically occurs beneath the siding to insure an "air space".
- 12 *Question* Plan page E2.0-Wall Device Elevations notes a Fire Evacuation Plan. Is this an item that we provide? How many and where?
- Answer* Architectural Partners will provide the graphic to VWCC, who in turn will install the Fire Evacuation Plan. This is shown on E2.0 as a reference to coordinate and help avoid any conflicts.
- 13 *Question* Provide clarification of where the bids will be received?
- Answer* Bids will be received by 2:00pm (clock in the Purchasing Office) at the office of Susan Tincher- BoCo Purchasing Officer, Room 200. Bids will be publicly opened in Conference Room 229.



- 14      *Question*      The drawings show Cast Iron downspout boots. Is that what you want?
- Answer*      Yes.
- 15      *Question*      Will the contractors schedule be considered in the bid selection?
- Answer*      The contractor's cost of the work will be the primary consideration for selection. Schedule and Substantial Completion dates will be a secondary consideration if warranted by an apparent low bidder's time frame being beyond BoCo's timeline allowance of February 28, 2023.
- 16      *Question*      If the contractor establishes a proposed schedule during the bid, and during construction that schedule becomes challenging due to unforeseen/planned for material delays, how will that be treated?
- Answer*      Architectural Partners will work with the Contractor to document any delays and make a recommendation to BoCo on action for approval or denial of the request. If approved, time extensions to the contract would follow the procedure under a Change Order outlined in the Project Manual.
- 17      *Question*      What is the last day for questions during the bid?
- Answer*      5:00pm, December 1, 2021 as received by Susan Tincher- Purchasing Officer.

Attachments:

Pre-Bid Sign-in Sheets 1-4

Sheet 2021-11-17\_VWCC-GWTC\_ADD1\_A1.3.pdf

Sheet M4.0

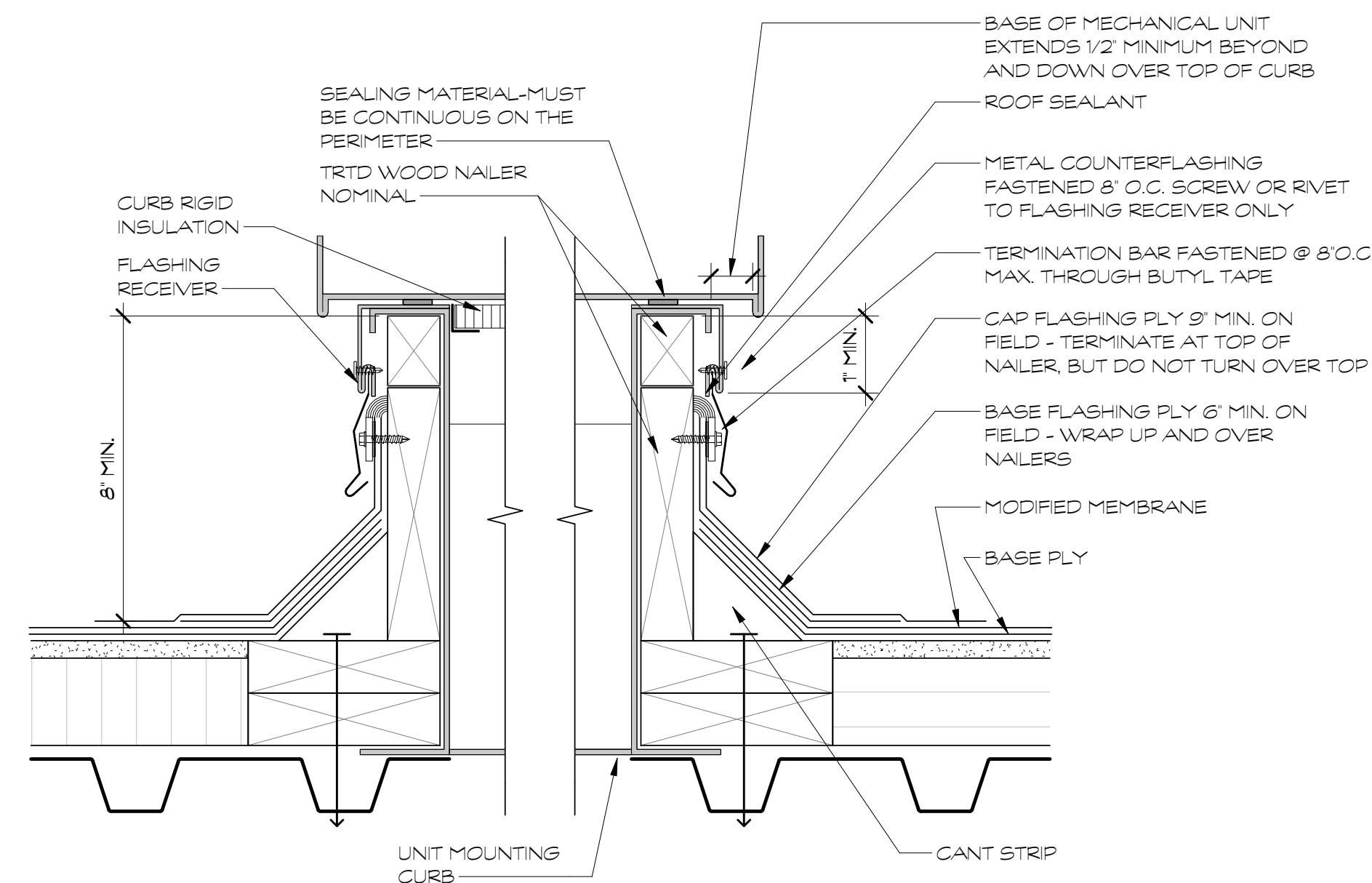
**END OF ADDENDUM**

DATE:	2021-11-10
DESIGNED:	GEH
DRAWN:	TMT
CHECKED:	GEH

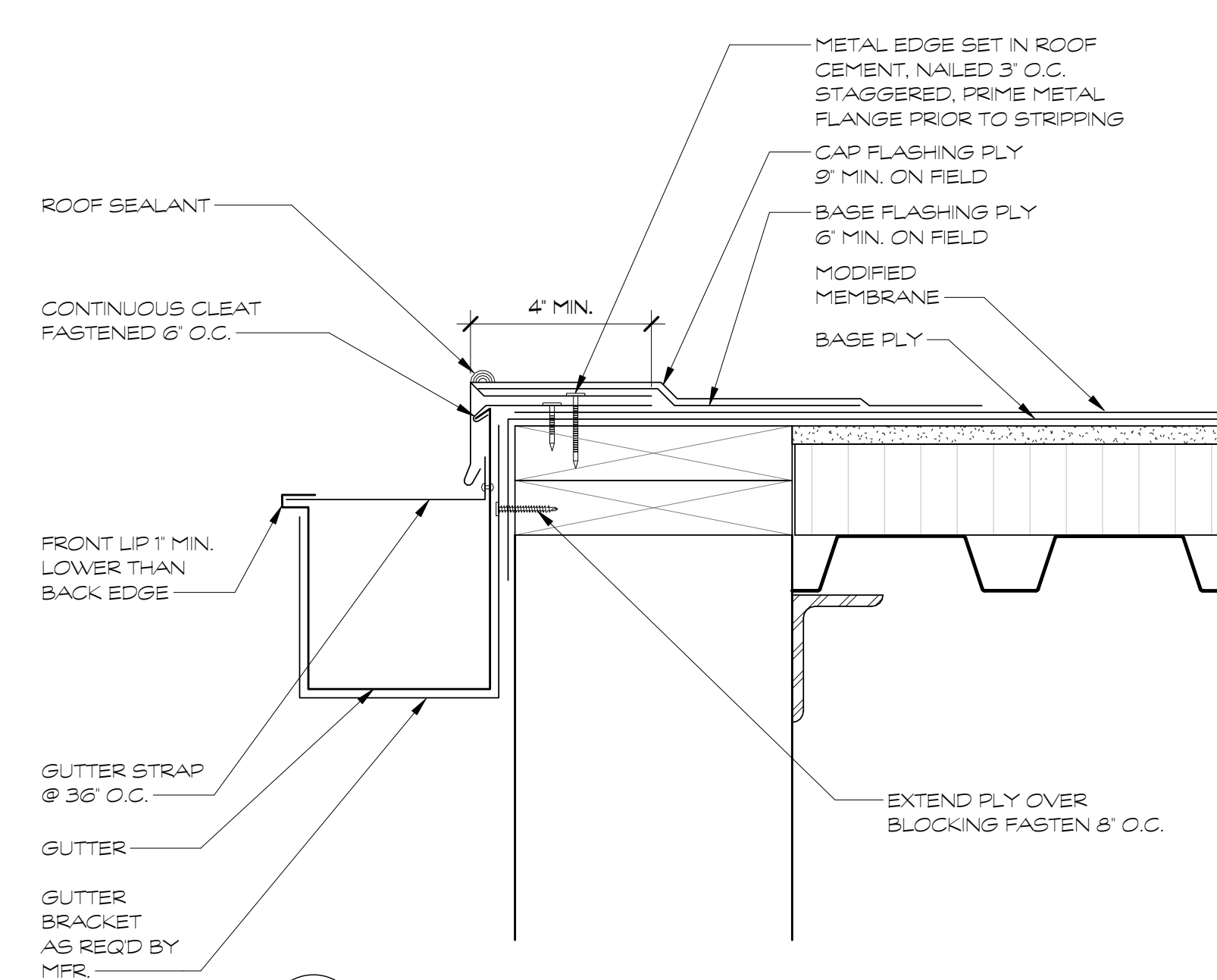
No.	Description	Date
	ADD. 1	2021-11-17

## ROOFING DETAILS

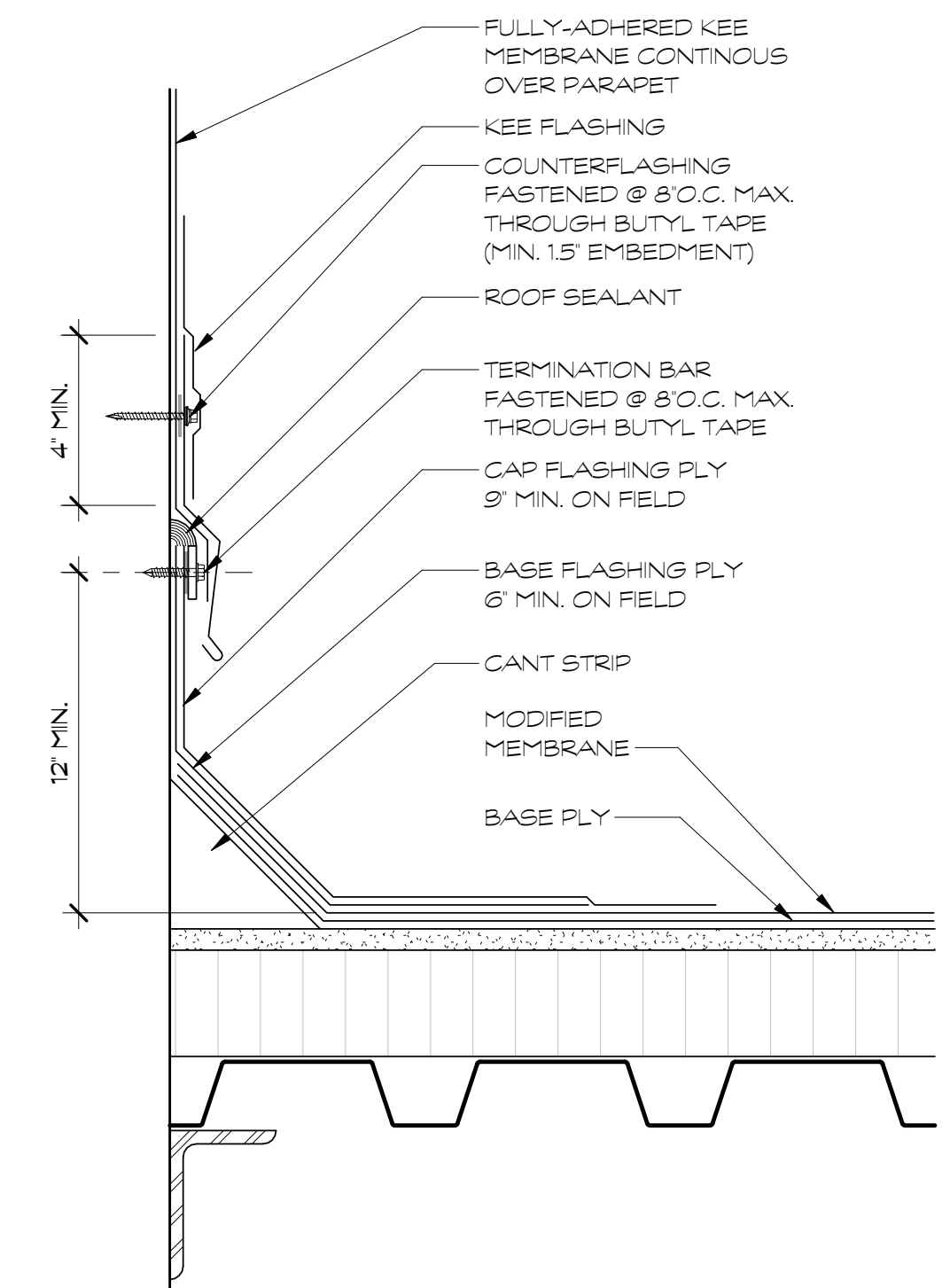
### A1.3



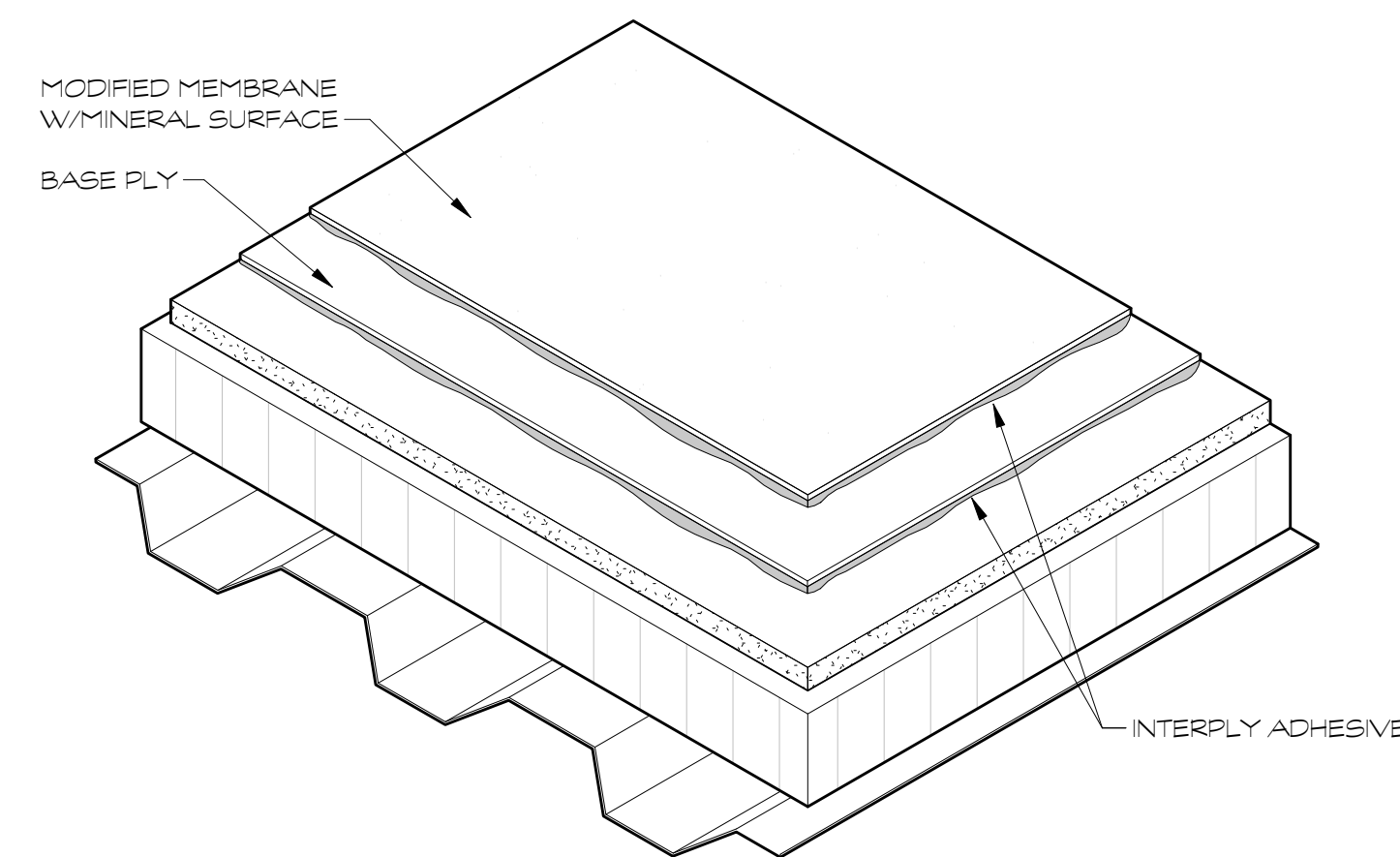
1 ROOFING - CURB  
A1.3 3' = 1'-0"



## 2 ROOFING - FLASHING AND GUTTER

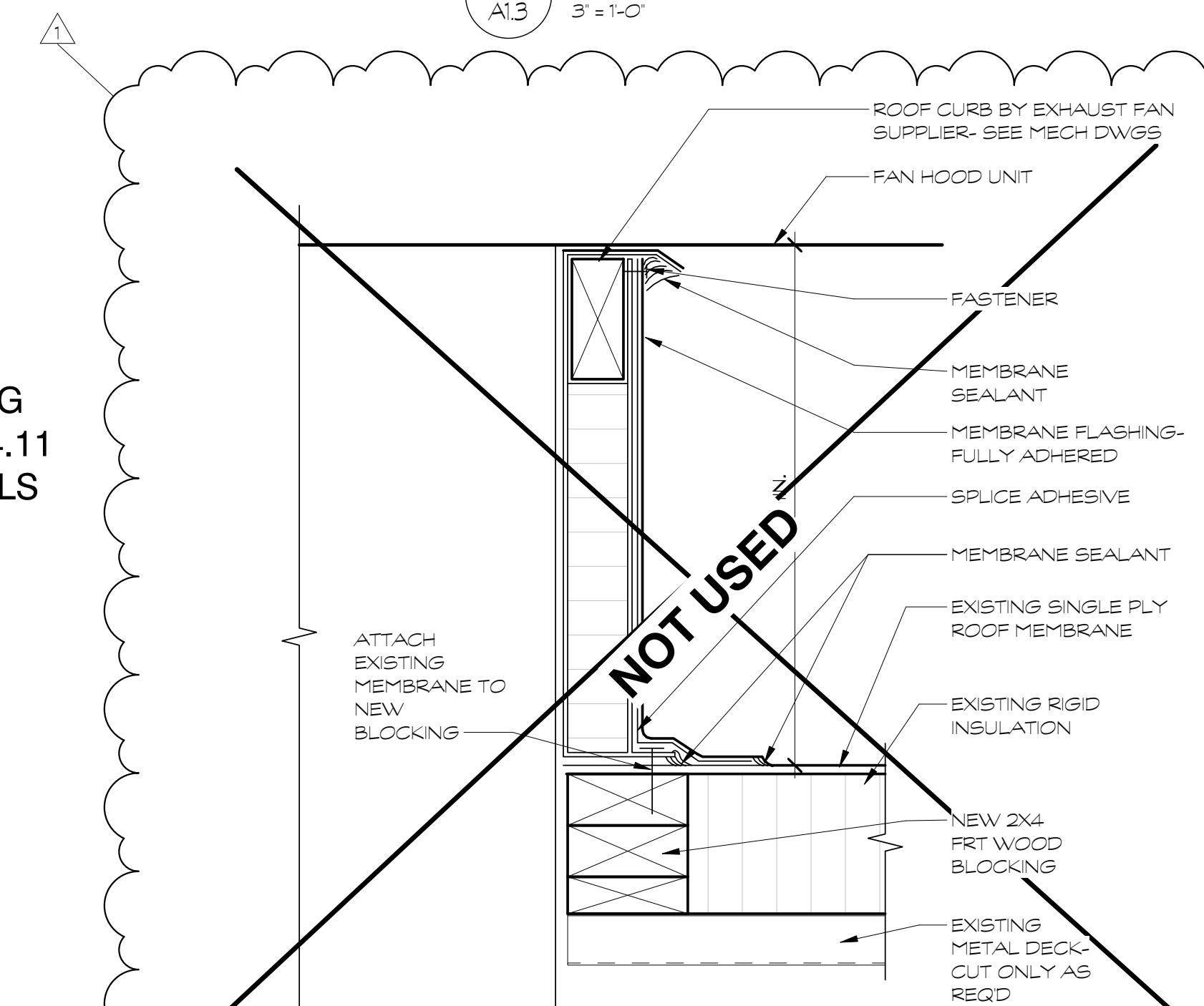


## 3 ROOFING - FLASHING AT WALL



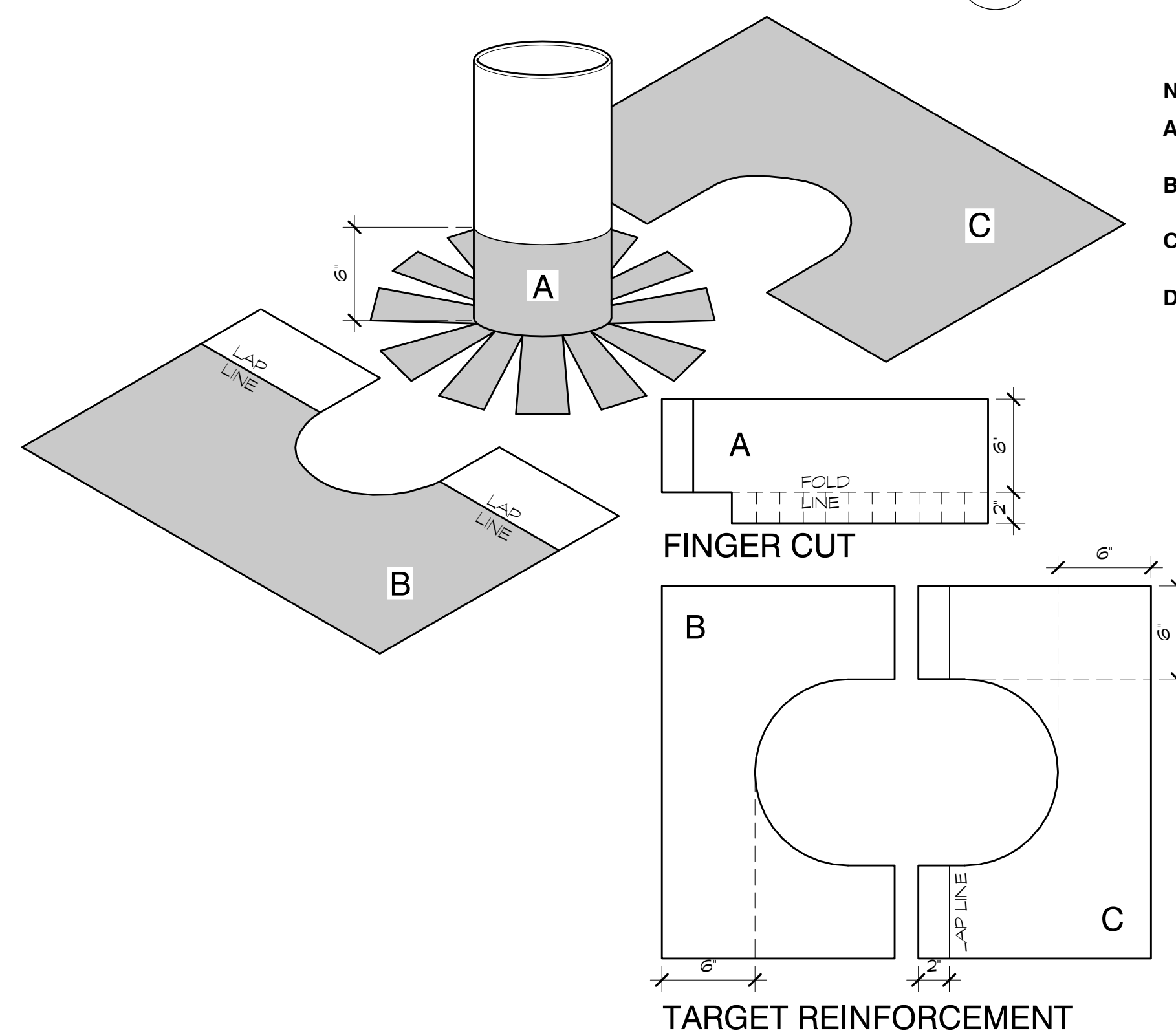
4 ROOFING - ISOMETRIC DIAGRAM  
A1.3 3" = 1'-0"

**NOTE:**  
THIS SHEET SHOWS TYPICAL ROOFING  
MATERIAL DETAILS- SEE A4.10 AND A4.11  
FOR SPECIFIC CONSTRUCTION DETAILS



6  
A1.3 3' = 1'-0" NOTE: MATCH EXISTING TPO MEMBRANE

NOTE: MATCH EXISTING TPO MEMBRANE.  
CLEAN SURFACE AS DIRECTED BY MFR.



## 5 ROOFING - PIPE PENETRATION

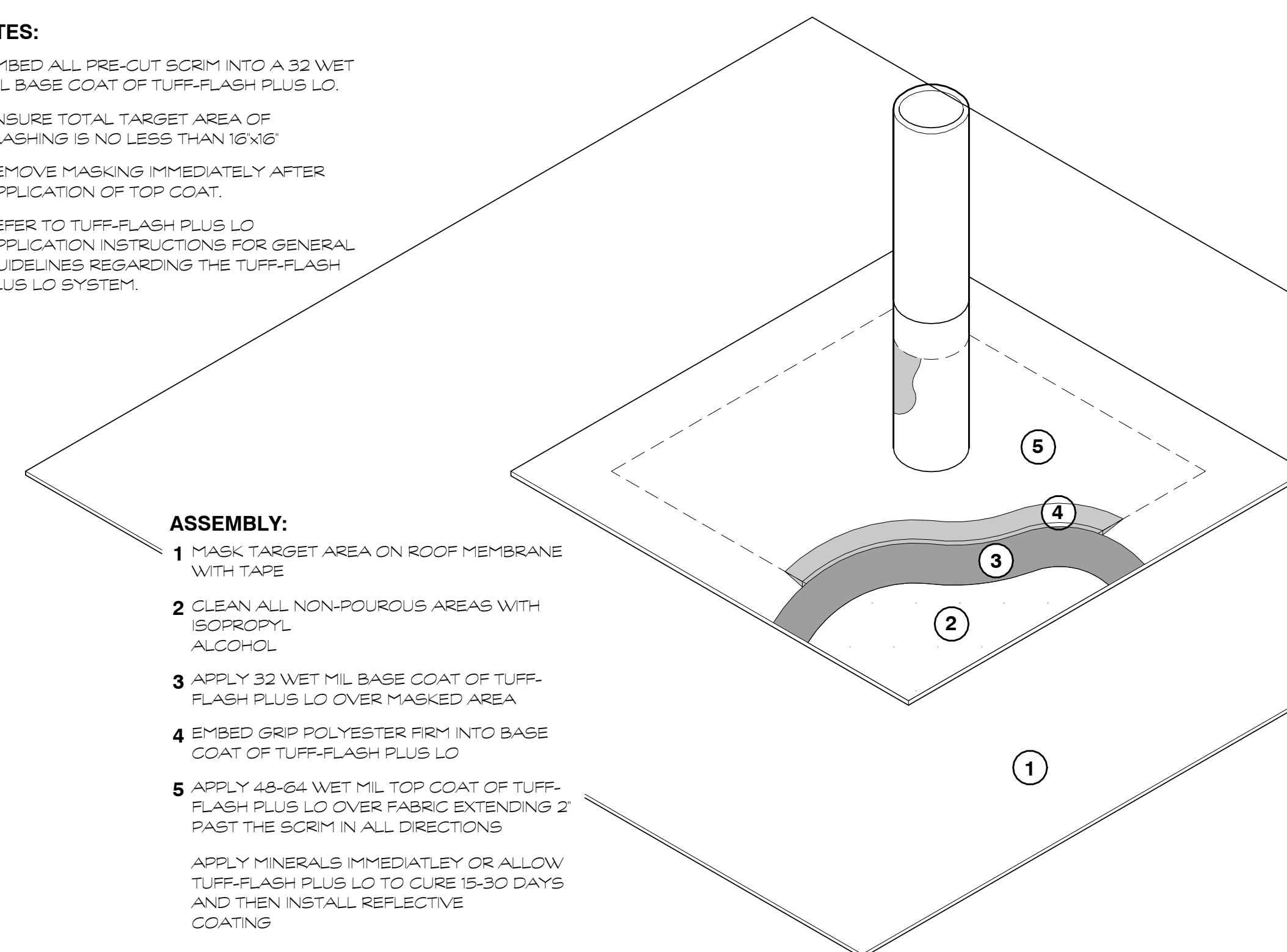
**NOTES:**

- A** EMBED ALL PRE-CUT SGCRIM INTO A 32 WET MIL BASE COAT OF TUFF-FLASH PLUS LO
- B** ENSURE TOTAL TARGET AREA OF FLASHING IS NO LESS THAN 16'x16'
- C** REMOVE MASKING IMMEDIATELY AFTER APPLICATION OF TOP COAT.
- D** REFER TO TUFF-FLASH PLUS LO APPLICATION INSTRUCTIONS FOR GENERAL GUIDELINES REGARDING THE TUFF-FLASH PLUS LO SYSTEM.

**ASSEMBLY:**

- 1 MASK TARGET AREA ON ROOF MEMBRANE WITH TAPE
- 2 CLEAN ALL NON-POUROUS AREAS WITH ISOPROPYL ALCOHOL
- 3 APPLY 32 WET MIL BASE COAT OF TUFF-FLASH PLUS LO OVER MASKED AREA
- 4 EMBED GRIP POLYESTER FIRM INTO BASE COAT OF TUFF-FLASH PLUS LO
- 5 APPLY 48-64 WET MIL TOP COAT OF TUFF-FLASH PLUS LO OVER FABRIC EXTENDING PAST THE SCRM IN ALL DIRECTIONS

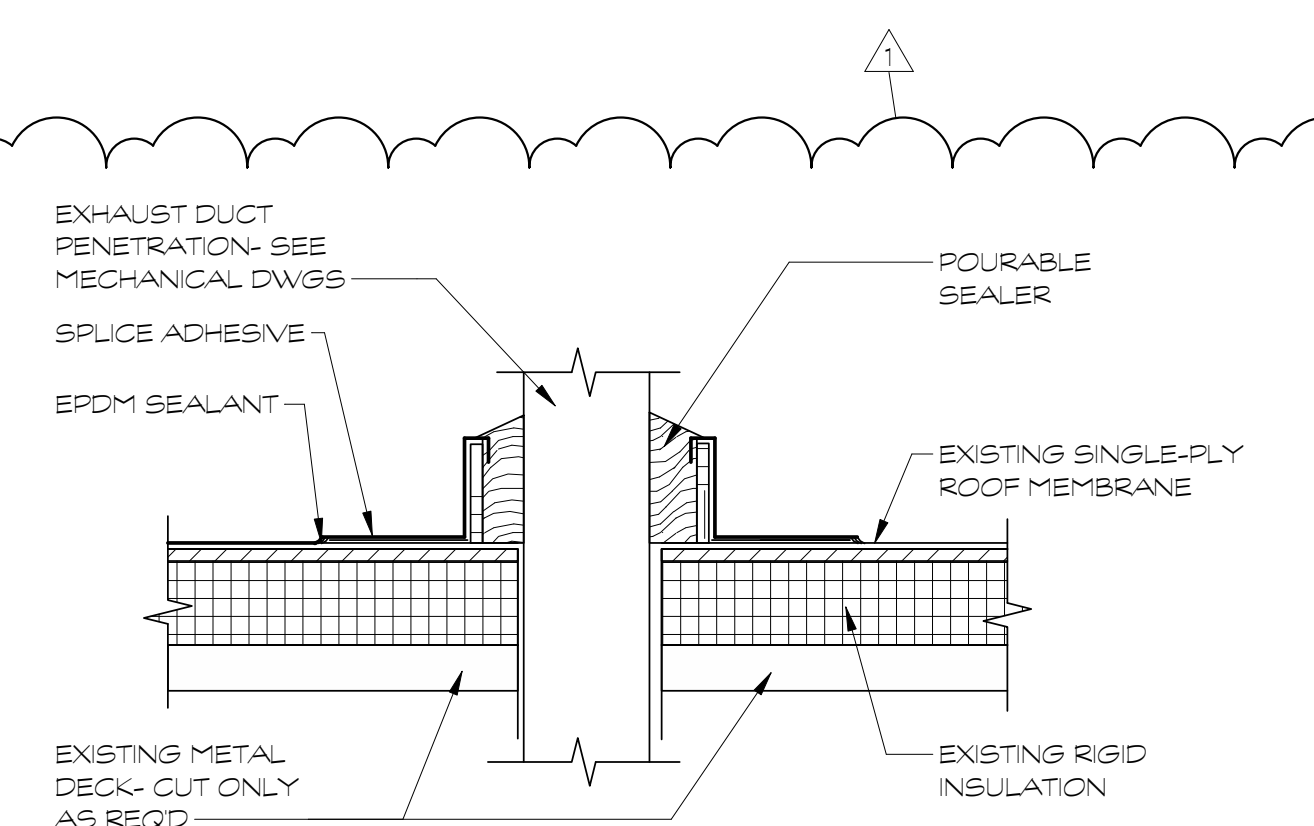
APPLY MINERALS IMMEDIATELY OR ALLOW  
TUFF-FLASH PLUS LO TO CURE 15-30 DAYS  
AND THEN INSTALL REFLECTIVE  
COATING

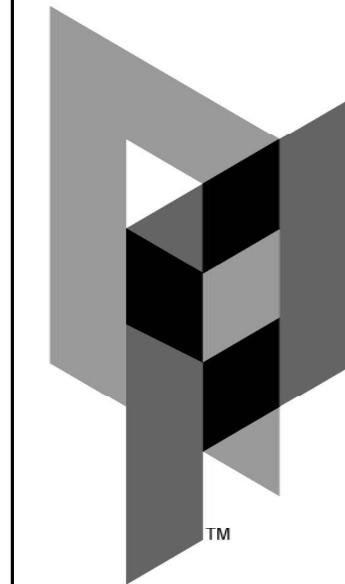


7  
A1.3 11/2" = 1'-0"

NOTE: MATCH EXISTING TPO MEMBRANE.  
CLEAN SURFACE AS DIRECTED BY MFR.

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CLEAN SURFACE AS DIRECTED BY MFR



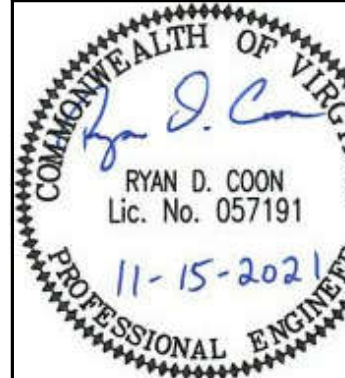


ARCHITECTURAL  
PARTNERS

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WORKFORCE TRAINING CENTER AT  
GREENFIELD CENTER  
BOTETOURT COUNTY  
Botetourt, Virginia PROJECT NO.: 423-277

BID SET

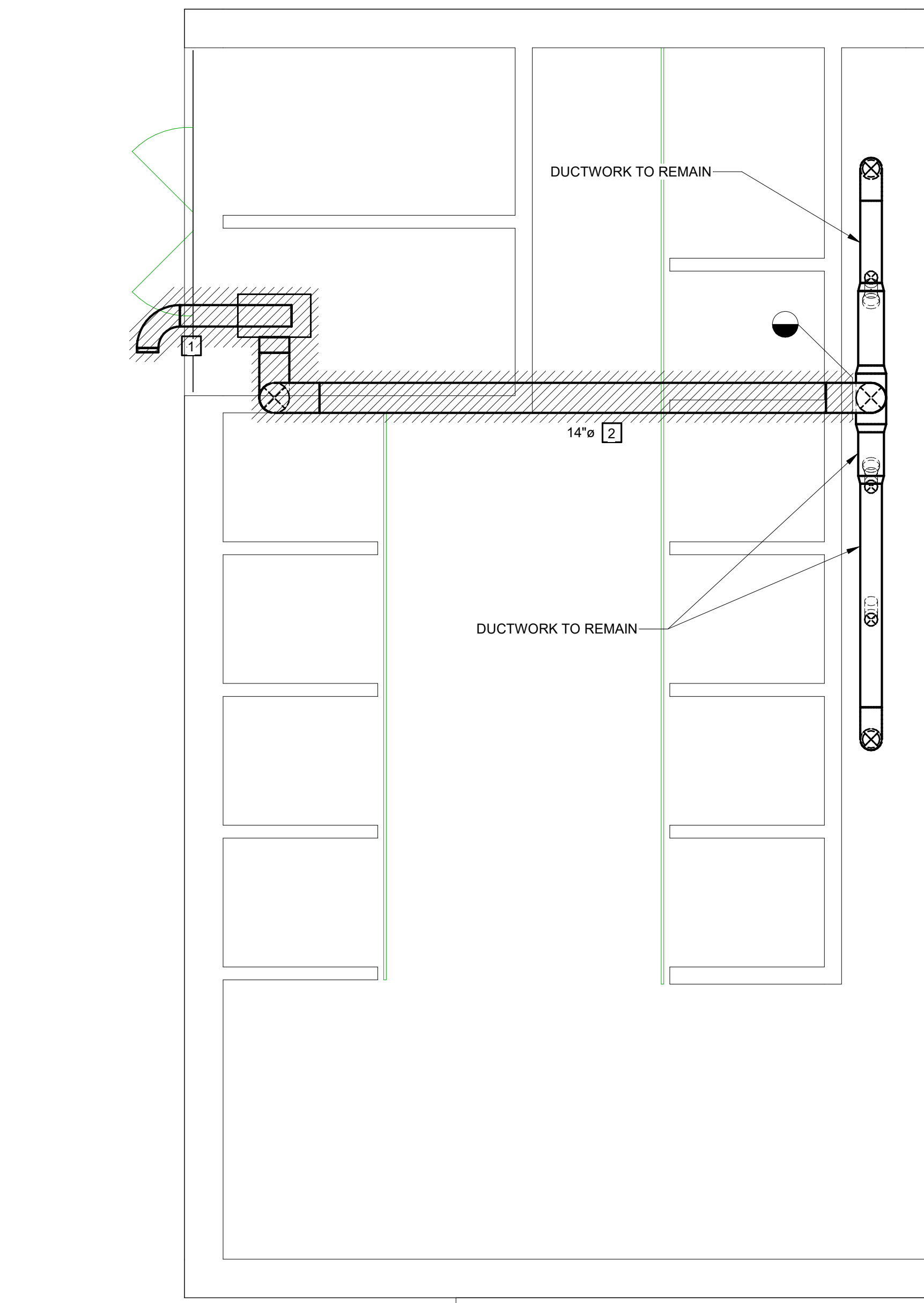


WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL TAKE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB AND THIS OFFICE MUST BE NOTIFIED OF ANY VARIATION FROM THE DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS.

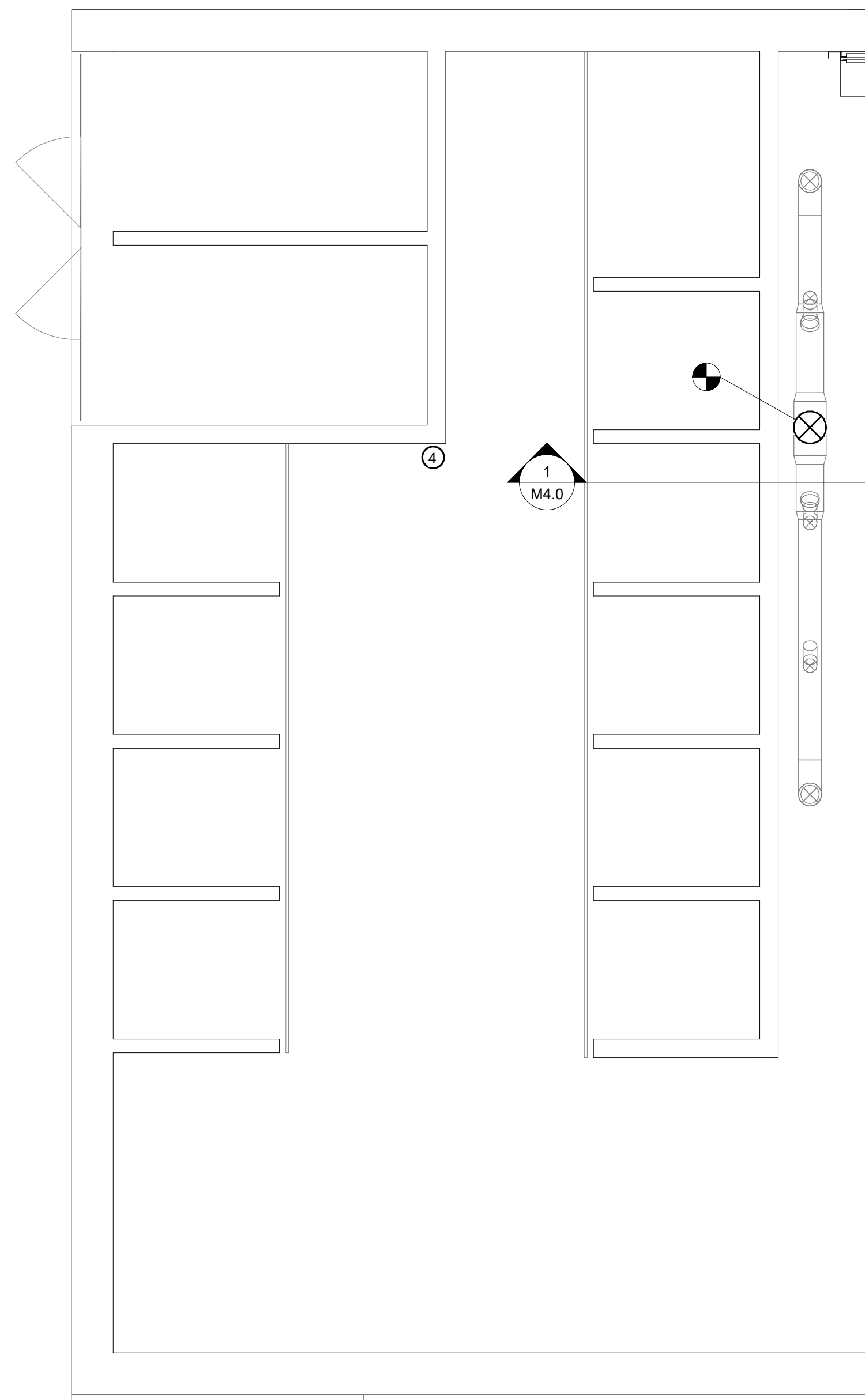
DATE: 11/15/21  
DESIGNED: RDC/MGB/JLL  
DRAWN: RDC/MGB  
CHECKED: CLS  
REVISIONS:

HVAC  
EXISTING  
WELDING LAB  
PLAN

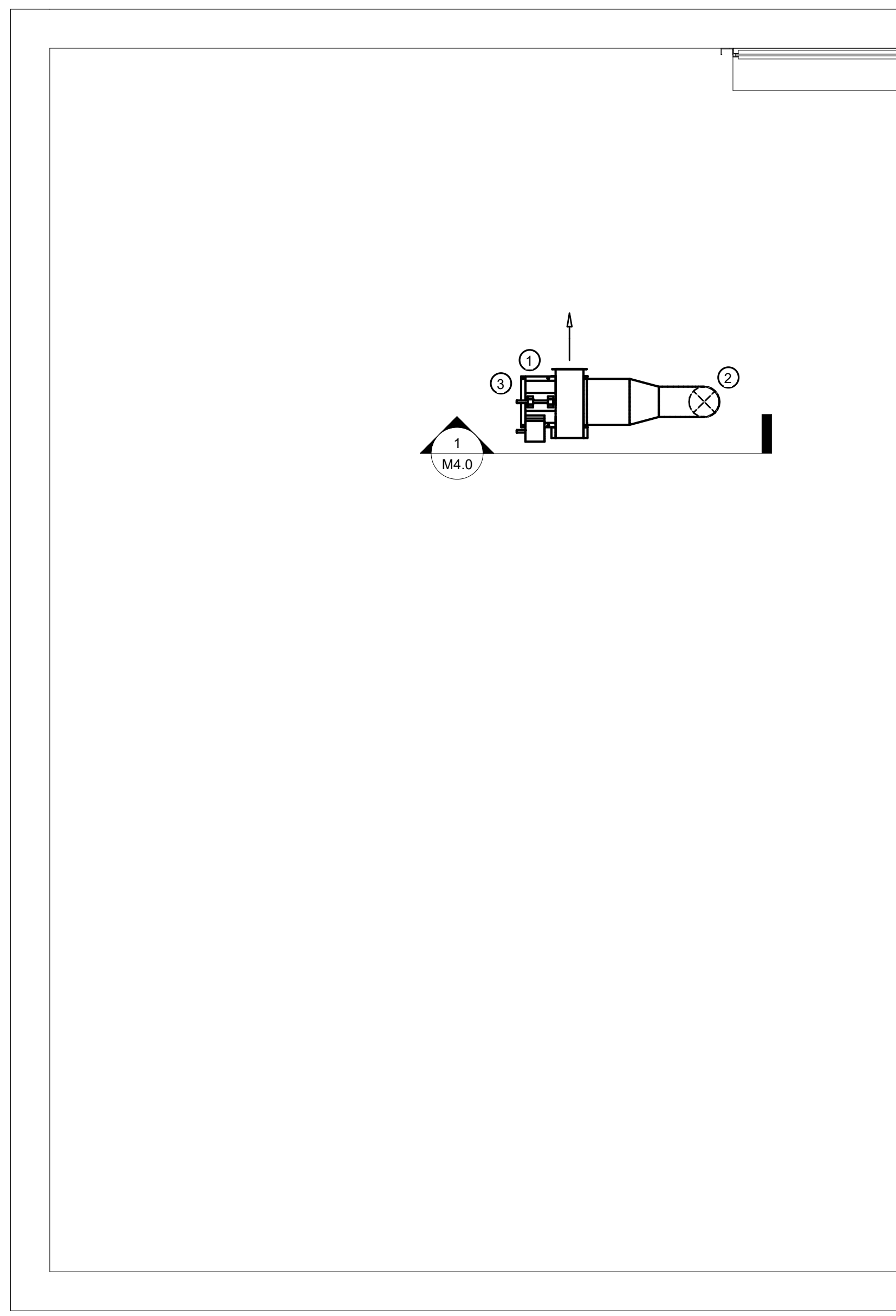
M4.0



HVAC EXISTING WELDING LAB DEMOLITION PLAN  
1/4" = 1'-0"



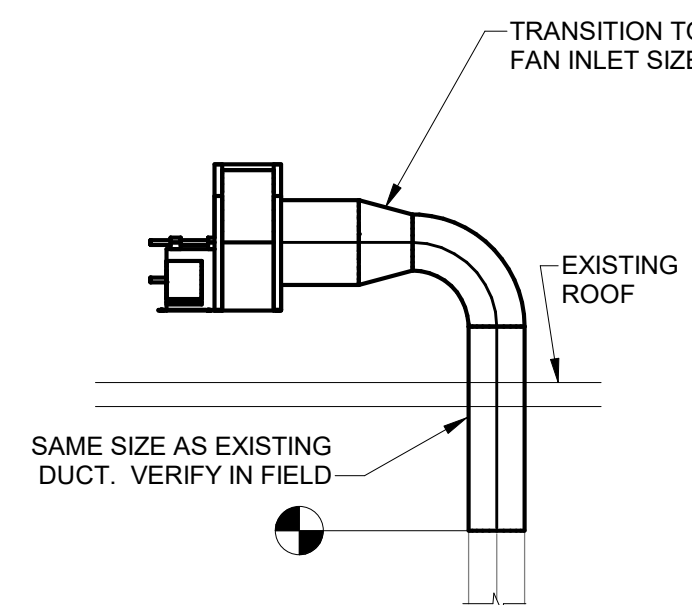
HVAC EXISTING WELDING LAB NEW WORK PLAN  
1/4" = 1'-0"



HVAC EXISTING WELDING LAB ROOF PLAN  
1/4" = 1'-0"

## NEW WORK NOTES

- FAN SHALL BE EQUIVALENT TO LOREN COOK MODEL 16SCA-SWSI WITH AIRFLOW OF 4250 CFM AT 7.5 IN. W.G. 7.5 HP, BELT DRIVE, 460V/3PH/60HZ. PROVIDE VFD-RATED, PREMIUM EFFICIENCY MOTOR WITH SHAFT GROUNDING RING. PROVIDE VARIABLE FREQUENCY DRIVE WITH INTEGRAL START AND STOP PUSH BUTTONS. PROVIDE FACTORY-MOUNTED AND WIRED DISCONNECT. PROVIDE OSHA APPROVED BELT GUARD. PROVIDE ISOLATION BASE AND RUBBER-IN-SHEAR FLOOR ISOLATORS. PROVIDE GRAVITY DISCHARGE SHUTTER.
- SEAL ROOF PENETRATION AROUND DUCT WATER-TIGHT. SEE ARCHITECTURAL DRAWINGS.
- INSTALL FAN AND DUCT ON A SUPPORT FRAME. FRAME SHALL BE CONSTRUCTION OF "UNISTRUT" OR EQUAL MODULAR FRAMING SECTIONS AND SHALL BE DESIGNED BY THE INSTALLER. FRAMES SHALL BE ADEQUATE FOR GRAVITY LOADS AS WELL AS 25% WEIGHT OF FAN AND 20 PSF X EXPOSED SURFACE AREA OF DUCT IN LATERAL DIRECTION. FRAMES SHALL BE NO-PENETRATION TYPE WITH METAL BASE PLATES AND ADDITIONAL ELASTOMERIC PADS TO PREVENT PUNCTURE TO ROOFING SYSTEM BELOW. LOCATE LEGS OF FAN SUPPORT FRAME DIRECTLY ABOVE JOISTS BELOW OR PROVIDE ADDITIONAL SUPPORT DECK ANGLES AS SHOWN ON S0.1.
- MOUNT VFD ON WALL AT LOCATION ACCEPTABLE TO OWNER TO SERVE AS CONTROL POINT FOR EXHAUST SYSTEM. WIRE FROM 480 V BUS DUCT BY PROVIDING A NEW PLUG (FUSED DISCONNECT TYPE). INSTALL 20 AMP FUSES AND WIRE WITH 3 #12 & 1 #12 EGC - 3/4" CONDUIT. ALL CONDUIT SHALL BE RIGID STEEL OR INTERMEDIATE METAL CONDUIT.



1 SECTION 1  
M4.0 1/4" = 1'-0"