

**ROOF DEMOLITION NOTES**

- REFER TO GENERAL DEMOLITION NOTES FOR LIST OF ITEMS TO BE SALVAGED.
- REFER TO DEMOLITION DRAWINGS FOR FLOOR PLAN DEMOLITION NOTES RELATED TO FLOOR PLAN DEMOLITION WORK AND FOR ALL DIVISIONS OTHER THAN DIVISION 7.
- VERIFY IN FIELD ALL LOCATIONS AND SIZES OF EXISTING ROOFTOP UNITS AND ACCESSORIES

**ROOF DEMOLITION LEGEND**

(E) RD ○ EXISTING ROOF DRAIN TO BE REMAIN. EXISTING RAIN LEADERS NOT TO BE DISTURBED.

○ (E) V EXISTING VENT PIPE. REFER TO PLUMBING DRAWINGS FOR REMOVAL. IN-FILL OPENING FOR FUTURE ROOF.

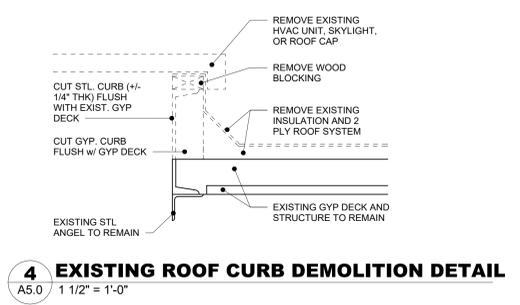
□ EXISTING ROOF TOP EQUIPMENT AND CURBS (VARIOUS SIZES). REFER TO MECHANICAL FOR REMAINING AND REMOVAL OF EQUIPMENT

▨ EXISTING ROOF TOP EQUIPMENT AND WOOD RAILS (VARIOUS SIZES). REFER TO MECHANICAL DRAWINGS FOR REMOVAL OF UNITS. REMOVE ROOF RAILS.

▧ REMOVE ROOF SYSTEM, FASCIA / COPING CAP, INSULATION AND STRUCTURE IN IT ENTIRETY. REFER TO ARCHITECTURE AND STRUCTURE DWGS. FOR EXTENT AND NEW CONSTRUCTION.

▩ LOCATION OF MECHANICAL UNIT AND ROOF CURBS TO BE DEMOLISHED. EXISTING OPENING TO BE IN-FILLED FOR FUTURE ROOF. REFER TO DETAIL 4/A5.0 FOR DEMO SCOPE COORDINATE WITH MECHANICAL AND ELECTRICAL DRAWINGS.

■ REMOVE ROOF FINISH, SUBSTRATE, INSULATION, AND DECK - REFER TO DEMOLITION AND STRUCTURAL DRAWINGS FOR TOTAL REMOVAL. REFER TO NOTE 07-02



**SPECIFIC DEMOLITION NOTES - SHEET A5.0**

TAG#	DEMOLITION NOTE
07-01	REMOVE EXISTING COPING CAP / GRAVEL STOP, PARAPET WALL AND BUILT-UP ROOFING SYSTEM, AS REQUIRED TO RECEIVE NEW CONSTRUCTION. REFER TO ARCHITECTURAL DRAWINGS FOR EXTENTS
07-02	REMOVE BUILT-UP ROOF SYSTEM, ROOF INSULATION, METAL DECK, DOWN TO STEEL STRUCTURE - REFER TO STRUCTURE DRAWING FOR REMOVAL OF STRUCTURE
07-03	REMOVE CANOPY ROOF AND STRUCTURE IN ITS ENTIRETY. REFER TO ARCHITECTURE AND STRUCTURE FOR ADDITIONAL DEMO AND NEW CONSTRUCTION
07-04	REMOVE EXISTING ROOF DRAIN. REFER TO PLUMBING DRAWINGS FOR EXISTING RAIN WATER LEADERS.
07-07	REMOVE VINYL CANOPY AND BRACKET IN THEIR ENTIRETY.
07-08	REMOVE ASPHALT SHINGLES, FLASHING PLYWOOD SHEATHING AND WOOD STRUCTURE IN ITS ENTIRETY

**MAROTTA/MAIN ARCHITECTS**  
WWW.MAROTTAMAIN.COM

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**DCIU**  
Empowering Partnerships For Education

ADDITIONS AND RENOVATIONS TO THE  
**FOLCROFT TECHNICAL SCHOOL**  
DELAWARE COUNTY  
INTERMEDIATE UNIT  
701 HENDERSON BLVD.  
FOLCROFT, PA 19032

ISSUE DATES	DESCRIPTION
DATE: 03/17/2025	BID SET

PROJ # : 21-DCIU-03 DRAWN BY : WEM

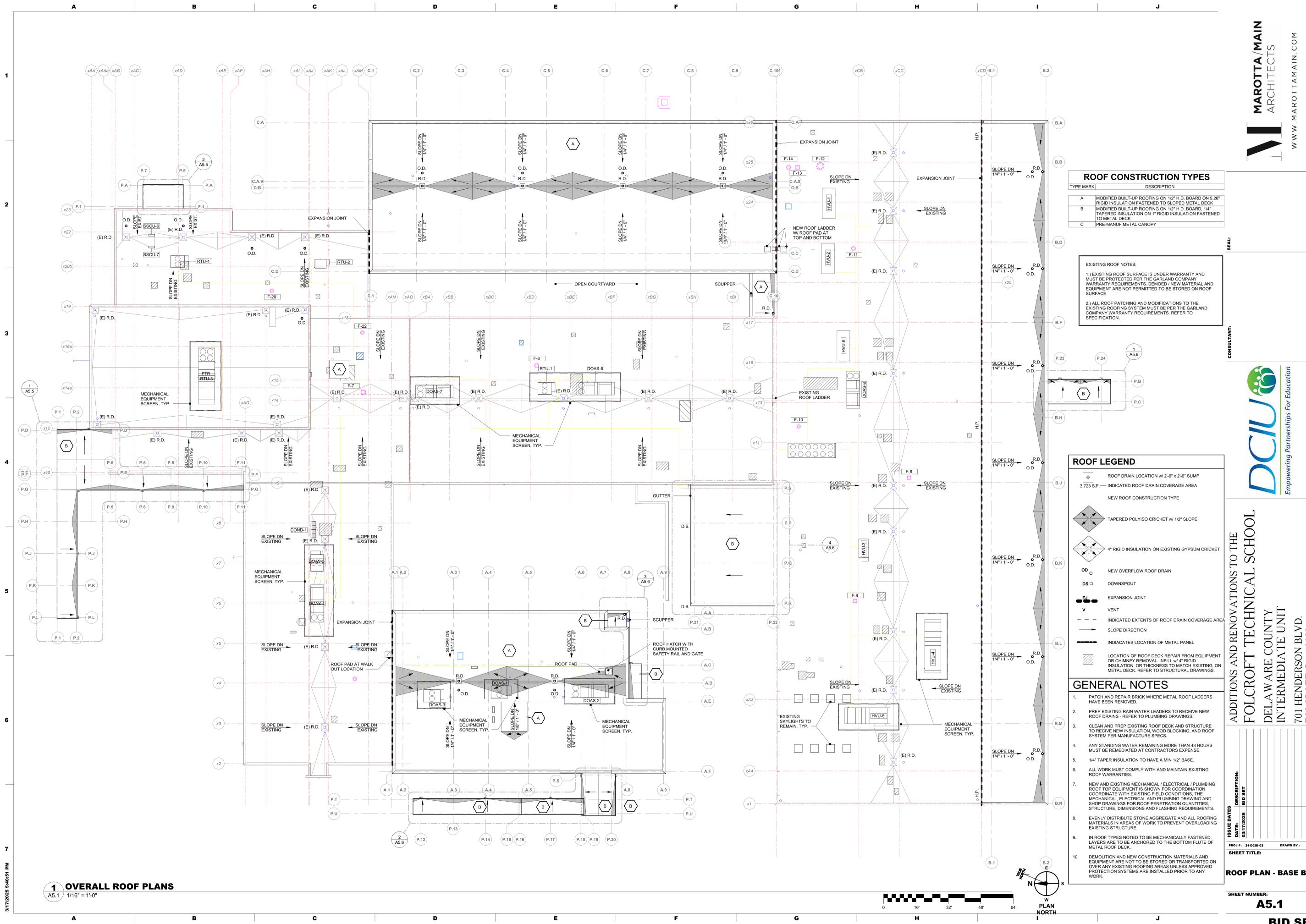
**ROOF DEMOLITION PLAN**

SHEET NUMBER:  
**A5.0**

**BID SET**

**1 OVERALL ROOF DEMOLITION PLAN**

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**ROOF CONSTRUCTION TYPES**

TYPE MARK	DESCRIPTION
A	MODIFIED BUILT-UP ROOFING ON 1/2" H.D. BOARD ON 5/8" RIGID INSULATION FASTENED TO SLOPED METAL DECK
B	MODIFIED BUILT-UP ROOFING ON 1/2" H.D. BOARD, 1/4" TAPERED INSULATION ON 1" RIGID INSULATION FASTENED TO METAL DECK
C	PRE-MANUF METAL CANOPY

**EXISTING ROOF NOTES:**

- EXISTING ROOF SURFACE IS UNDER WARRANTY AND MUST BE PROTECTED PER THE GARLAND COMPANY WARRANTY REQUIREMENTS. DEMOED / NEW MATERIAL AND EQUIPMENT ARE NOT PERMITTED TO BE STORED ON ROOF SURFACE.
- ALL ROOF PATCHING AND MODIFICATIONS TO THE EXISTING ROOFING SYSTEM MUST BE PER THE GARLAND COMPANY WARRANTY REQUIREMENTS. REFER TO SPECIFICATION.

**ROOF LEGEND**

- ROOF DRAIN LOCATION w/ 2'-6" x 2'-6" SUMP
- 3,723 S.F. INDICATED ROOF DRAIN COVERAGE AREA
- NEW ROOF CONSTRUCTION TYPE
- ◇ TAPERED POLYISO CRICKET w/ 1/2" SLOPE
- ◇ 4" RIGID INSULATION ON EXISTING GYPSUM CRICKET
- NEW OVERFLOW ROOF DRAIN
- DOWNSPOUT
- EXPANSION JOINT
- VENT
- - - INDICATED EXTENTS OF ROOF DRAIN COVERAGE AREA
- SLOPE DIRECTION
- INDICATES LOCATION OF METAL PANEL
- ▨ LOCATION OF ROOF DECK REPAIR FROM EQUIPMENT OR CHIMNEY REMOVAL. INFILL w/ 4" RIGID INSULATION OR THICKNESS TO MATCH EXISTING, ON METAL DECK. REFER TO STRUCTURAL DRAWINGS.

- GENERAL NOTES**
- PATCH AND REPAIR BRICK WHERE METAL ROOF LADDERS HAVE BEEN REMOVED.
  - PREP EXISTING RAIN WATER LEADERS TO RECEIVE NEW ROOF DRAIN. REFER TO PLUMBING DRAWINGS.
  - CLEAN AND PREP EXISTING ROOF DECK AND STRUCTURE TO RECEIVE NEW INSULATION, WOOD BLOCKING, AND ROOF SYSTEM PER MANUFACTURE SPECS.
  - ANY STANDING WATER REMAINING MORE THAN 48 HOURS MUST BE REMEDIATED AT CONTRACTORS EXPENSE.
  - 1/4" TAPER INSULATION TO HAVE A MIN 1/2" BASE.
  - ALL WORK MUST COMPLY WITH AND MAINTAIN EXISTING ROOF WARRANTIES.
  - NEW AND EXISTING MECHANICAL / ELECTRICAL / PLUMBING ROOF TOP EQUIPMENT IS SHOWN FOR COORDINATION. COORDINATE WITH EXISTING FIELD CONDITIONS, THE MECHANICAL, ELECTRICAL AND PLUMBING DRAWING AND SHOP DRAWINGS FOR ROOF PENETRATION QUANTITIES, STRUCTURE, DIMENSIONS AND FLASHING REQUIREMENTS.
  - EVENLY DISTRIBUTE STONE AGGREGATE AND ALL ROOFING MATERIALS IN AREAS OF WORK TO PREVENT OVERLOADING EXISTING STRUCTURE.
  - IN ROOF TYPES NOTED TO BE MECHANICALLY FASTENED, LAYERS ARE TO BE ANCHORED TO THE BOTTOM FLUTE OF METAL ROOF DECK.
  - DEMOLITION AND NEW CONSTRUCTION MATERIALS AND EQUIPMENT ARE NOT TO BE STORED OR TRANSPORTED ON OVER ANY EXISTING ROOFING AREAS UNLESS APPROVED PROTECTION SYSTEMS ARE INSTALLED PRIOR TO ANY WORK.

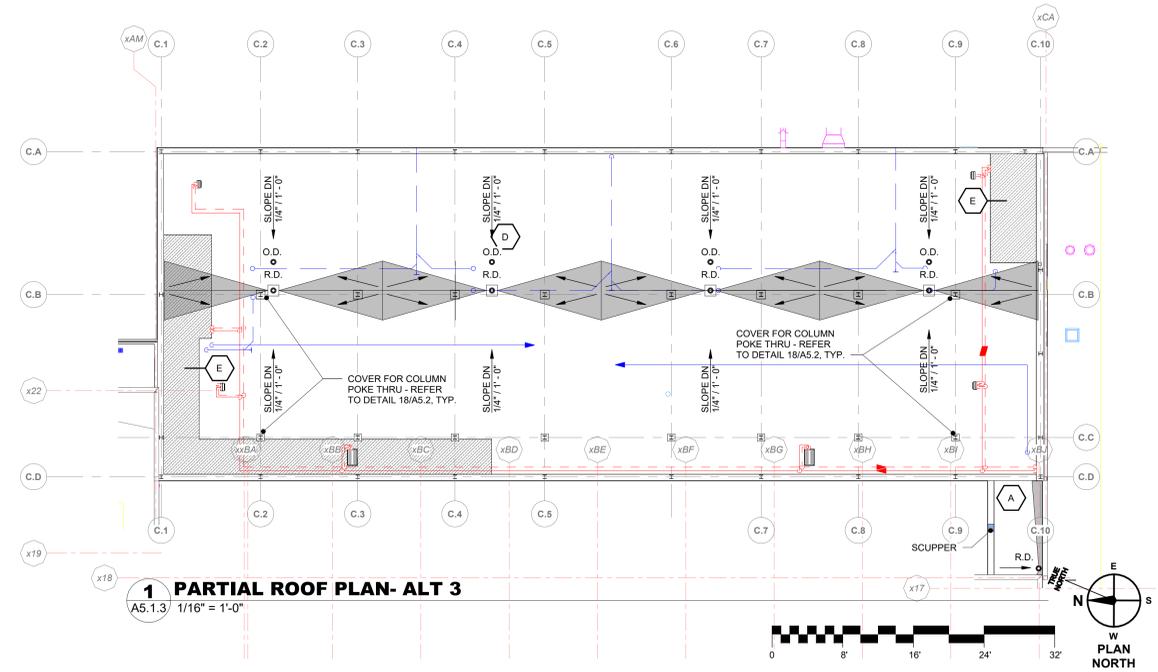
**1 OVERALL ROOF PLANS**  
A5.1 1/16" = 1'-0"



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SEAL:

CONSULTANT:



**1 PARTIAL ROOF PLAN- ALT 3**  
A5.1.3 1/16" = 1'-0"

ROOF CONSTRUCTION TYPES	
TYPE MARK	DESCRIPTION
A	MODIFIED BUILT-UP ROOFING ON 1/2" H.D. BOARD ON 5/8" RIGID INSULATION FASTENED TO SLOPED METAL DECK.
D	MODIFIED BUILT-UP ROOFING ON 1/2" H.D. BOARD ADHERED TO 1/4" TAPER INSULATION MECHANICALLY FASTENED TO 2 LAYER OF 2-6" RIGID INSULATION ADHERED TO CONCRETE DECK. APPLY SELF ADHERING VAPOR BARRIER TO CONCRETE DECK.
E	MODIFIED BUILT-UP ROOFING ON 1/2" H.D. BOARD ADHERED TO 1/4" TAPER INSULATION MECHANICALLY FASTENED TO 2 LAYER OF 2-6" RIGID INSULATION ADHERED TO PLYWOOD DECK. APPLY SELF ADHERING VAPOR BARRIER TO PLYWOOD DECK.

ROOF LEGEND	
	ROOF DRAIN LOCATION w/ 2'-6" x 2'-6" SUMP
	3,723 S.F. INDICATED ROOF DRAIN COVERAGE AREA
	NEW ROOF CONSTRUCTION TYPE
	TAPERED POLYISO CRICKET w/ 1/2" SLOPE
	4" RIGID INSULATION ON EXISTING GYPSUM CRICKET
	NEW OVERFLOW ROOF DRAIN
	DOWNSPOUT
	EXPANSION JOINT
	VENT
	INDICATED EXTENTS OF ROOF DRAIN COVERAGE AREA
	SLOPE DIRECTION
	INDICATES LOCATION OF METAL PANEL
	LOCATION OF ROOF DECK REPAIR FROM EQUIPMENT OR CHIMNEY REMOVAL, INFILL w/ 2 1/2" RIGID INSULATION ON METAL DECK. REFER TO STRUCTURAL DRAWINGS.

GENERAL NOTES	
1.	PATCH AND REPAIR BRICK WHERE METAL ROOF LADDERS HAVE BEEN REMOVED.
2.	PREP EXISTING RAIN WATER LEADERS TO RECEIVE NEW ROOF DRAINS - REFER TO PLUMBING DRAWINGS.
3.	CLEAN AND PREP EXISTING ROOF DECK AND STRUCTURE TO RECEIVE NEW INSULATION, WOOD BLOCKING, AND ROOF SYSTEM PER MANUFACTURE SPECS.
4.	ANY STANDING WATER REMAINING MORE THAN 48 HOURS MUST BE REMEDIATED AT CONTRACTORS EXPENSE.
5.	1/4" TAPER INSULATION TO HAVE A MIN 1/2" BASE.

ADDITIONS AND RENOVATIONS TO THE  
**FOLCROFT TECHNICAL SCHOOL**  
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701 HENDERSON BLVD.  
FOLCROFT, PA 19032

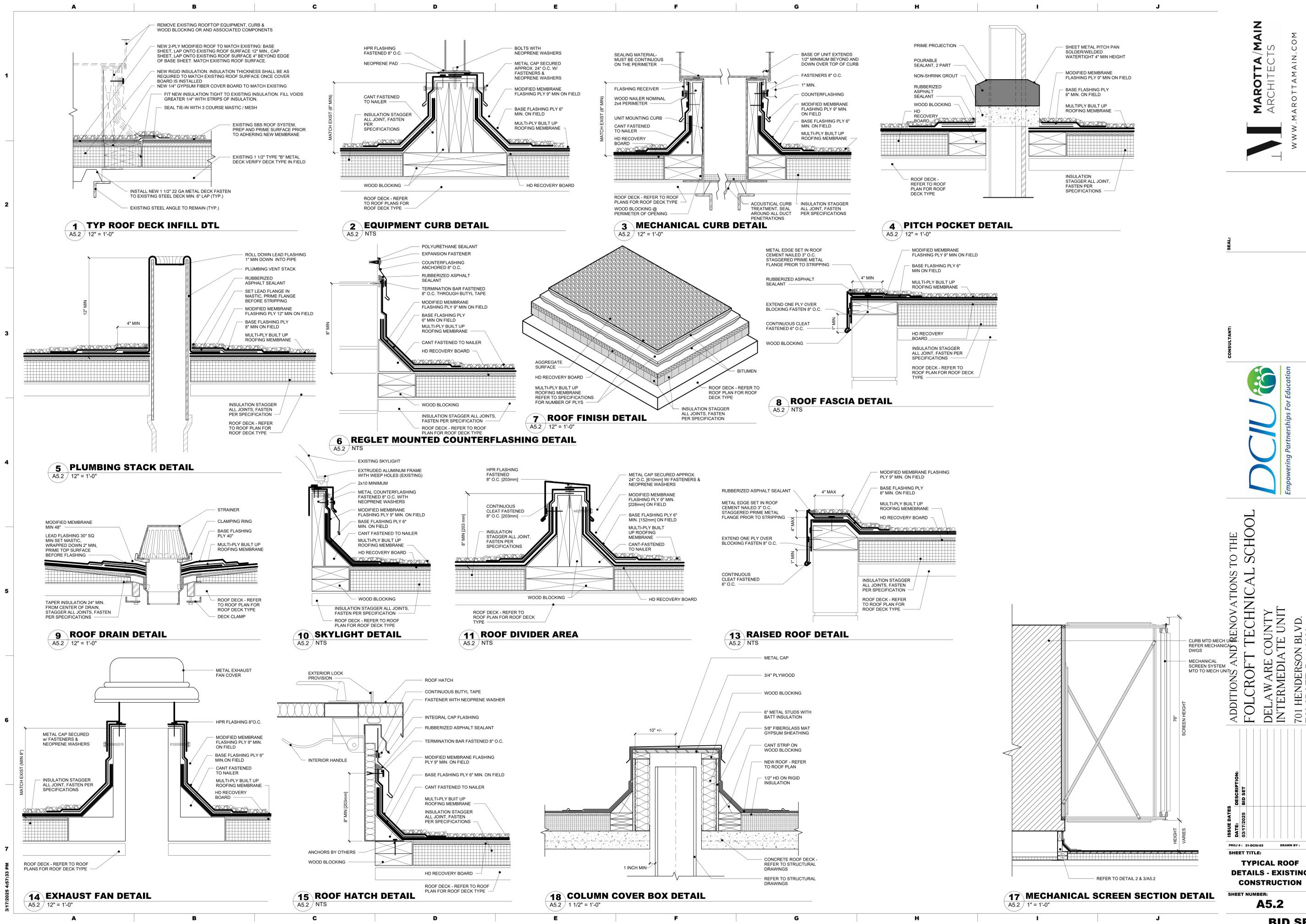
ISSUE DATES	DESCRIPTION	DATE	BID SET
		03/17/2025	

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**ROOF PLAN - ALT 3**

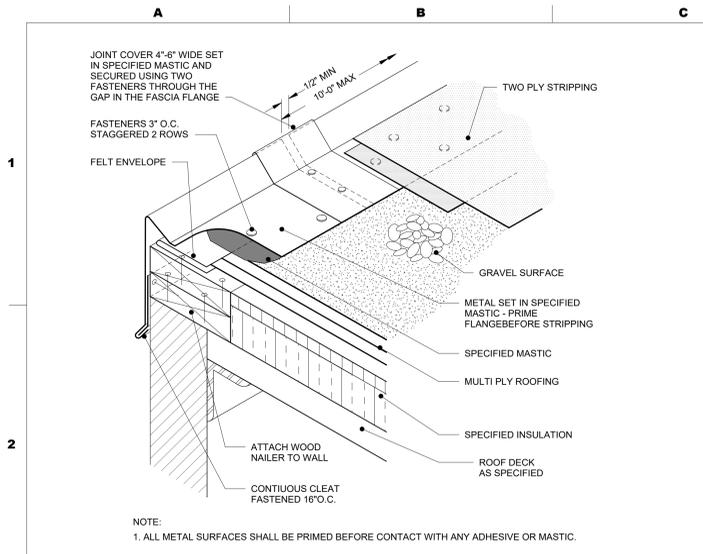
SHEET NUMBER:  
**A5.1.3**

**BID SET**

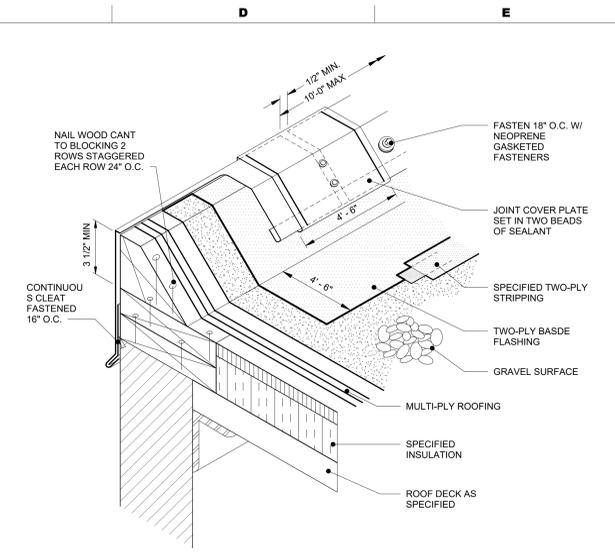


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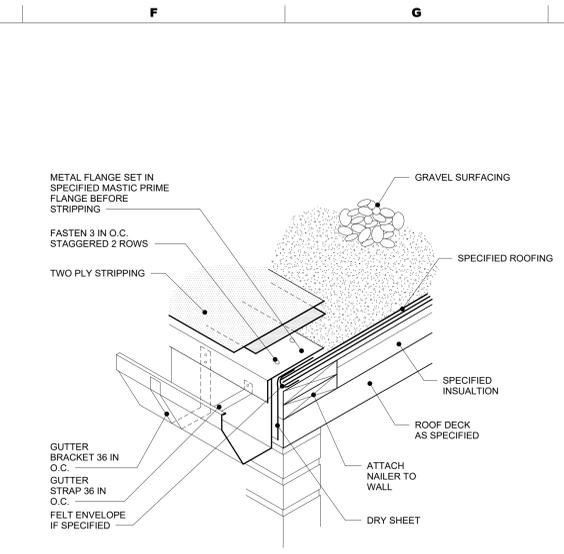
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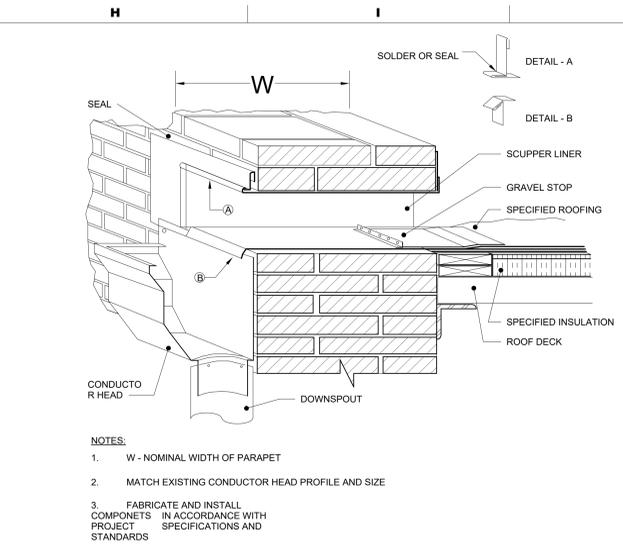
**1 ROOF EDGE - METAL**  
A5.3 3" = 1'-0"



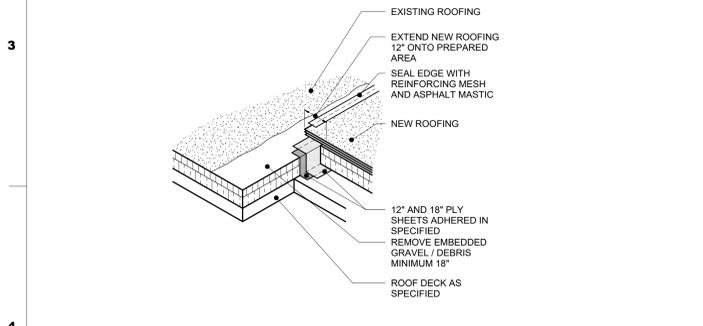
**2 RAISED ROOF EDGE**  
A5.3 3" = 1'-0"



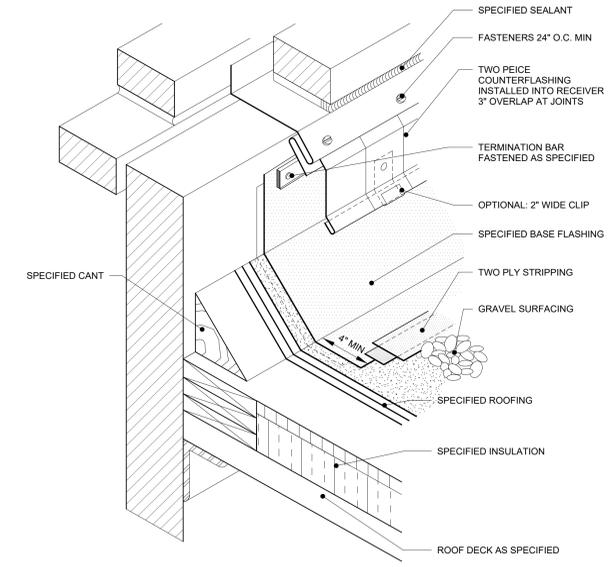
**3 ROOF EDGE WITH GUTTER**  
A5.3 3" = 1'-0"



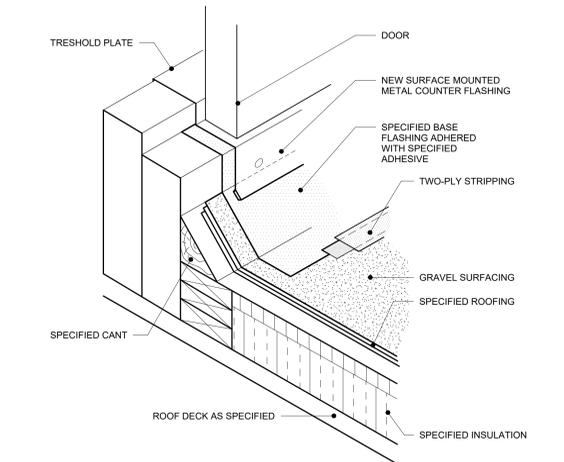
**4 THRU WALL SCUPPER**  
A5.3 3" = 1'-0"



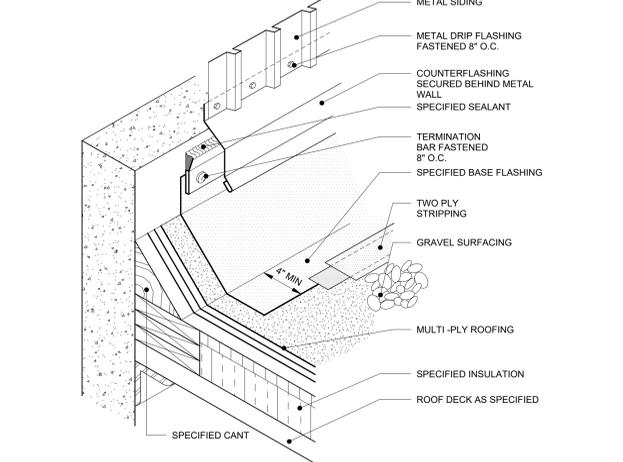
**5 DAILY TIE IN**  
A5.3 6" = 1'-0"



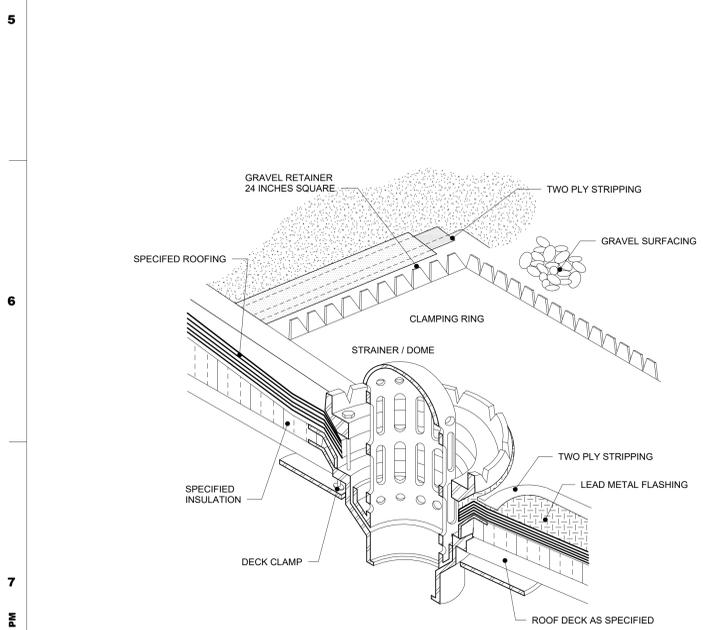
**6 WALL FLASHING TERMINATION**  
A5.3 3" = 1'-0"



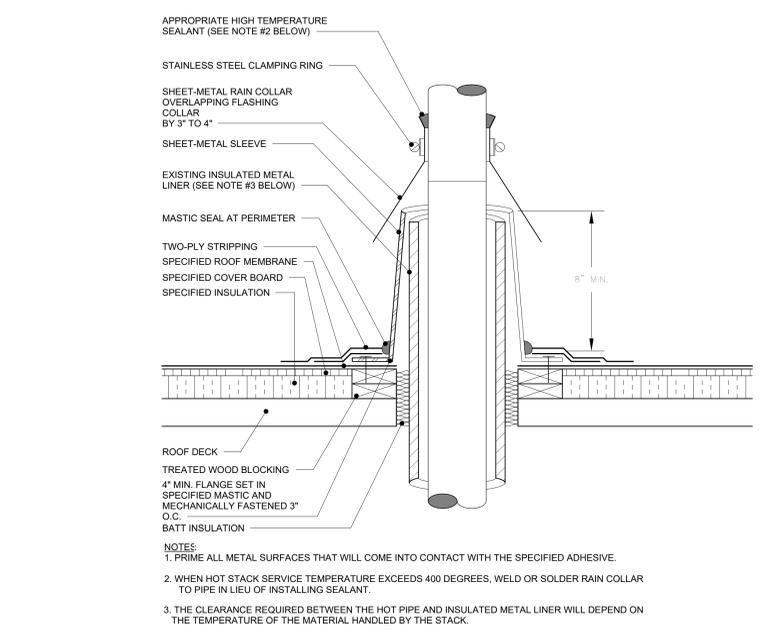
**7 DOOR TRESHOLD**  
A5.3 12" = 1'-0"



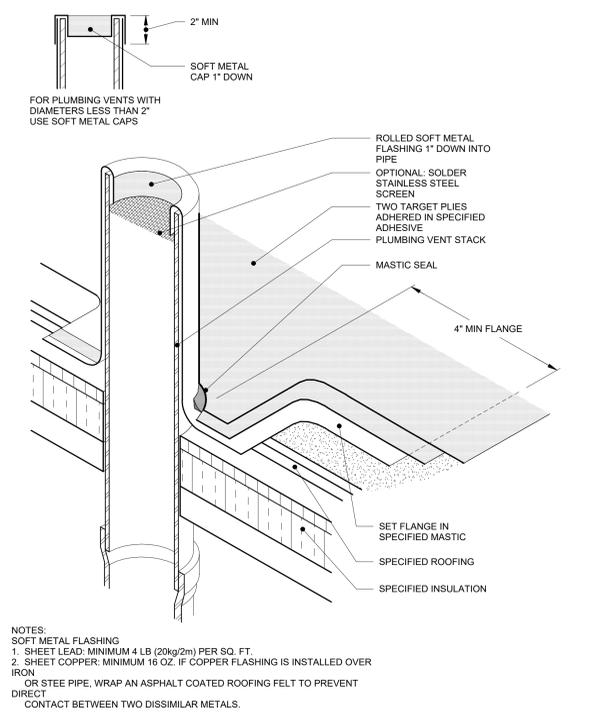
**8 METAL WALL FLASHING**  
A5.3 3" = 1'-0"



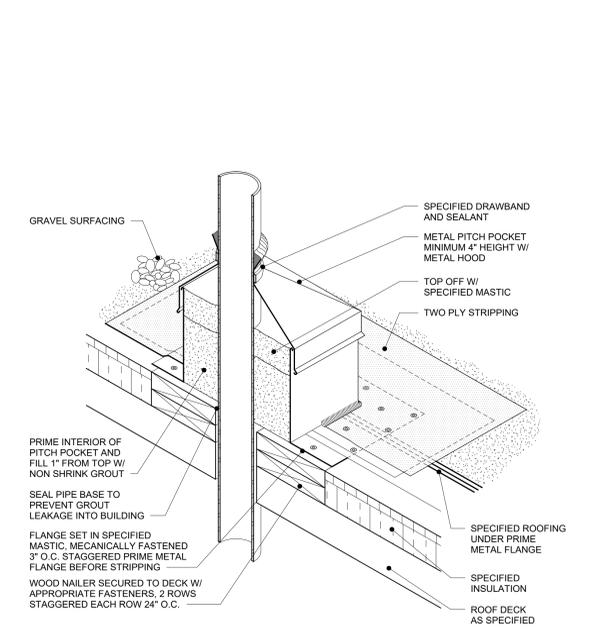
**9 ROOF DRAIN**  
A5.3 3" = 1'-0"



**10 HOT STACK PENETRATION**  
A5.3 12" = 1'-0"



**11 PLUMBING VENT**  
A5.3 3" = 1'-0"



**12 PITCH POCKET**  
A5.3 3" = 1'-0"

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DATE: 03/17/2025	BID SET
PROJ #: 21-DCIU-03	DRAWN BY: WEM





