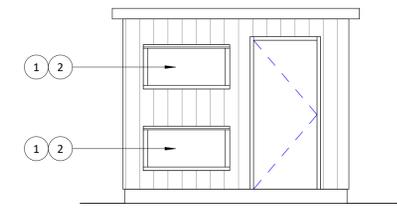
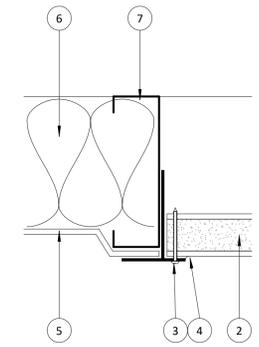


3 BOILER ROOM
1/4" = 1'-0"



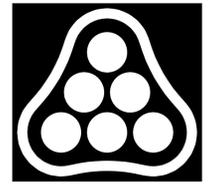
4 BOILER ROOM ELEVATION
1/4" = 1'-0"



5 LOUVER INFILL
3" = 1'-0"

KEY NOTES

1. REMOVE EXISTING LOUVER INFILL, LOUVER FRAME AND FLASHING TO REMAIN
2. INSTALL NEW 2" MAPES MAPES-R PANEL:
 - A. LAMINATED METAL FACED PANELS AS MANUFACTURED BY MAPES INDUSTRIES, INC
 - B. ACCEPTABLE ALTERNATES: PER REQUIREMENTS OF SECTION 01600, PANELS HAVING SIMILAR COMPOSITE CONSTRUCTION AND PROVIDING MANUFACTURER HAS A MINIMUM OF 25-YEARS PANEL LAMINATING EXPERIENCE AND COMPARABLE PUBLISHED WARRANTIES
- C. FINISH
 - a. EXTERIOR: CLEAR ANODIZED
 - b. INTERIOR: 1/8" INCH HARDBOARD
- D. PANEL FABRICATION
 - a. EXTERIOR SUBSTRATE: CLEAR ANODIZED COIL
 - b. INTERIOR SUBSTRATE: HIGH DENSITY 1/8" TEMPERED HARDBOARD
- E. CORES: 2.0 LB DENSITY POLYSTYRENE
- F. PANEL THICKNESS: 2 INCH
3. ATTACH MAPES PANEL AT EXTERIOR THROUGH EXISTING LOUVER FRAME
4. PROVIDE SEALANT BEAD AT FULL PERIMETER OF NEW MAPES PANEL
5. EXISTING EXTERIOR METAL PANEL TO REMAIN
6. INSTALL NEW 6-3/8" - R-19, VINYL FACED INSULATION AT FULL PERIMETER OF EXISTING BOILER ROOM, INFILL BETWEEN EXISTING STEEL STUDS - CERTAINEED METAL BUILDING INSULATION 202-96 OR EQUAL
7. EXISTING STEEL STUD FRAMING TO REMAIN
8. NEW MECHANICAL RELIEF HOOD ON MANUFACTURE PROVIDED CURB, SEE MECHANICAL DRAWINGS, COORDINATE EXTENT OF ROOFING REMOVAL WITH STRUCTURAL DRAWINGS - SEE ATTACHED MANUFACTURES CURB DETAIL
9. INSTALL NEW 6-3/8" - R-19, VINYL FACED INSULATION ON EXISTING BOILER ROOM CEILING THROUGHOUT PENTHOUSE - CERTAINEED METAL BUILDING INSULATION 202-96 OR EQUAL

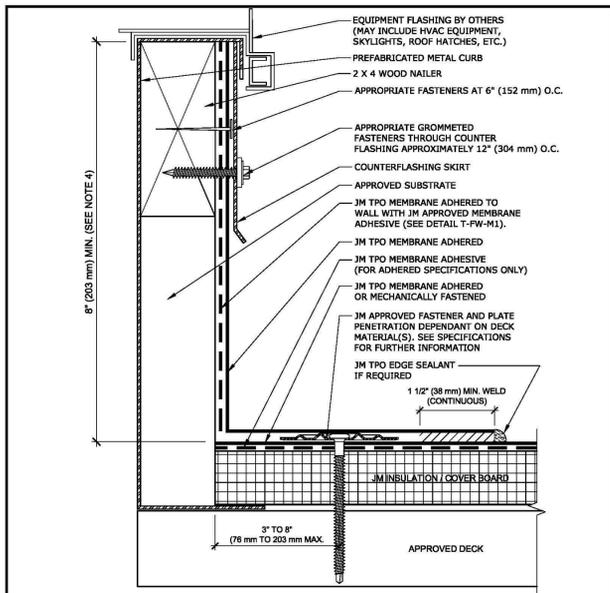


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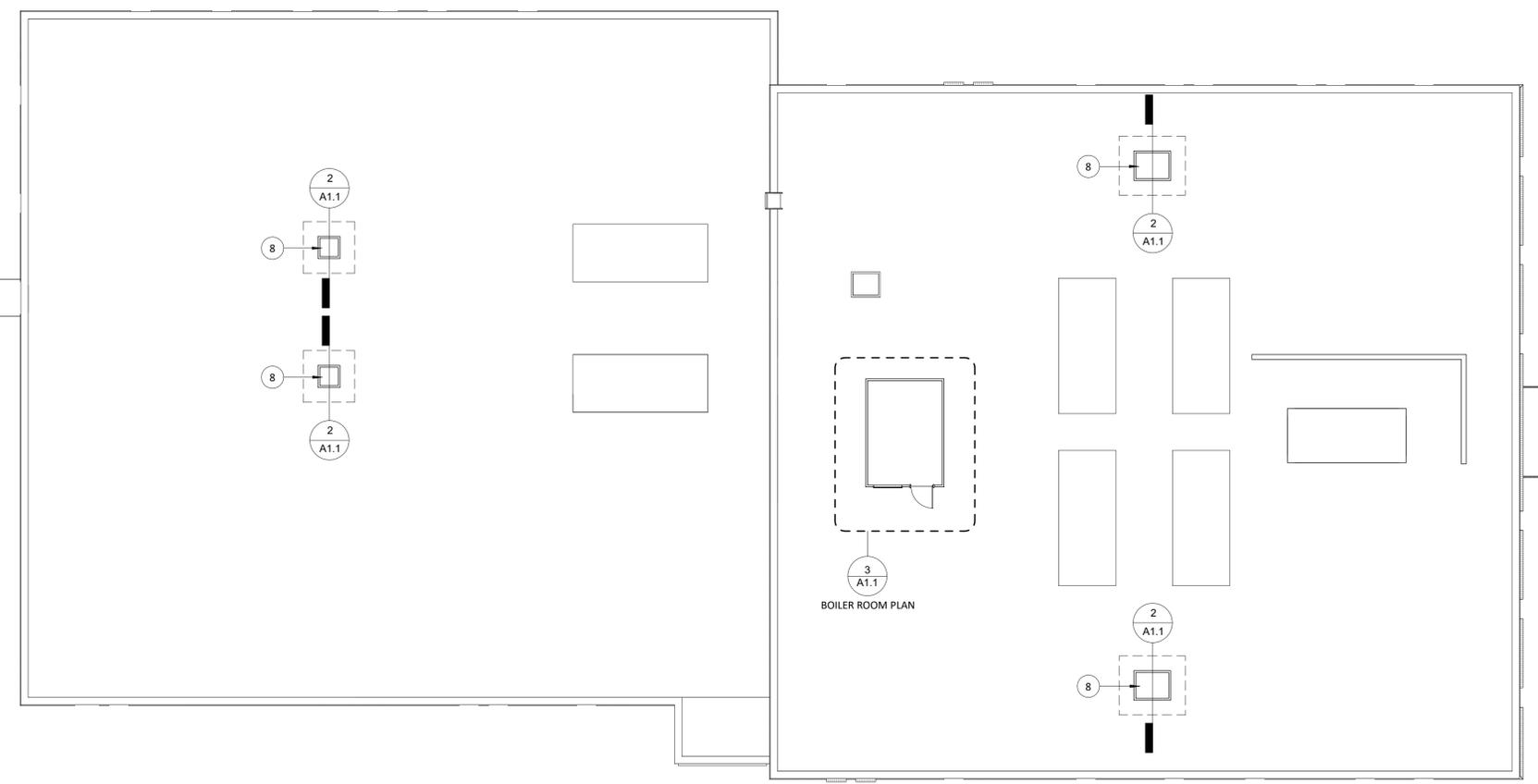
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- NOTES:**
1. REFER TO JOHN'S MANVILLE WEBSITE (www.jm.com) FOR MOST UP-TO-DATE INFORMATION.
 2. PLEASE SEE SINGLE PLY FLASHING SPECIFICATIONS FOR A FULL DESCRIPTION OF INSTALLATION INSTRUCTIONS AND REQUIREMENTS WHICH ARE CONSIDERED A PART OF THIS DETAIL.
 3. ANY CARPENTRY OR METAL WORK SHOULD BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH LOCAL CODE REQUIREMENTS AND/OR PROJECT SPECIFICATIONS. THESE COMPONENTS SHOULD BE REVIEWED AND APPROVED BY A LICENSED DESIGN PROFESSIONAL.
 4. HEIGHT OF CURB TO BE ADJUSTED WITH NAILERS. IT IS PREFERRED TO RAISE CURB ONTO NAILERS TO EXTEND FLASHING HEIGHT.
 5. TPO EDGE SEALANT IS REQUIRED ON ALL CUT AND NON ENCAPSULATED EDGES OF REINFORCED MEMBRANE. THIS INCLUDES FACTORY CUT MEMBRANE (SEE DETAIL T-MS-01).
 6. SEE T-FW-B DETAILS FOR JM APPROVED BASE FLASHING TIE IN TERMINATION METHODS.

DRAWING NO. T-FC-01		PREFABRICATED METAL CURB BASE FLASHING		
REPLACES T-FW-01	MEMBRANE TYPE: JM TPO	<p>Johns Manville is a manufacturer of commercial roofing products and offers this general conceptual information to you as a specifier. This preliminary information is to be used only as a guide for conceptual design and is not intended to be used as a basis for professional engineering design and documents required by building codes, contracts, or regulations. For specific design information, please refer to the complete and final specifications and drawings for the project. The manufacturer's liability for the design and construction of this building or any other structure is not affected by this information.</p>		
SCALE: N.T.S.	ISSUE DATE: 7-14-17			MAXIMUM GUARANTEE TERM: 30 YEAR

2 MANUFACTURES CURB DETAIL
12" = 1'-0"



1 ROOF PLAN
3/32" = 1'-0"



JSSC - BUILDING UPGRADES
2445 LAPORTE AVENUE
FORT COLLINS, COLORADO 80521

ROOF PLAN AND DETAILS

100% CONSTRUCTION DOCUMENTS

JOB NO. 000
DATE 04.12.19
DRAWN BY SPC
CHECKED BY TPK

A1.1