



CORE SAMPLE ROOF ASSEMBLIES			
CORE #	STRUCTURE	ASSEMBLY LAYERS	MEMBRANE
CORE-A1	METAL DECK	1" TOTAL THICKNESS: 2" POLYSTYRENE INSULATION / 1" FIBER BOARD	BALLASTED EPDM
CORE-A2	METAL DECK	1" TOTAL THICKNESS: 2" POLYSTYRENE INSULATION / 1" FIBER BOARD	BALLASTED EPDM
CORE-B1	METAL DECK	1 1/2" TOTAL THICKNESS: 3" POLYSTYRENE INSULATION / 1" FIBER BOARD	BALLASTED EPDM
CORE-B2	METAL DECK	4 1/2" TOTAL THICKNESS: 3 1/2" POLYSTYRENE INSULATION / 1" FIBER BOARD	BALLASTED EPDM
CORE-C1	METAL DECK	1 1/2" TOTAL THICKNESS: 3" POLYSTYRENE INSULATION / 1" FIBER BOARD	BALLASTED EPDM
CORE-C2	METAL DECK	1 1/2" TOTAL THICKNESS: 3" POLYSTYRENE INSULATION / 1" FIBER BOARD	BALLASTED EPDM

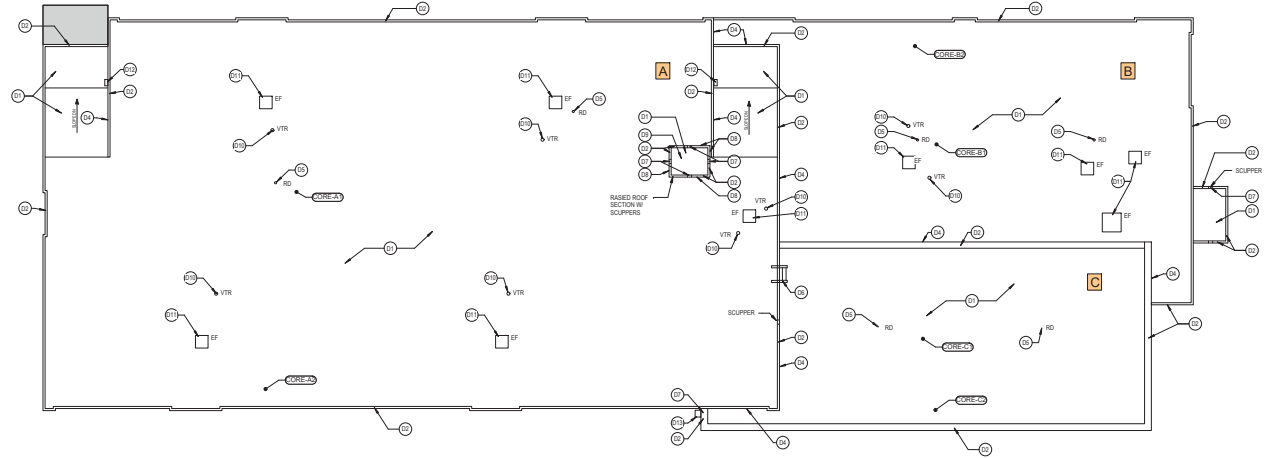
- GENERAL NOTES**
- THE GENERAL NOTES APPLY TO ALL CONSTRUCTION DOCUMENTS
- A** TYPICAL AT ALL MECHANICAL/ELECTRICAL EQUIPMENT, VENTS, HOOBS & PENETRATIONS - UNITS TO REMAIN DURING CONSTRUCTION. CONTRACTOR SHALL PROVIDE MANUFACTURER RECOMMENDED PROTECTION FOR FLASHING OF UNITS. FIELD VERIFY UNIT QUANTITY, SIZE AND LOCATION.
- B** TEST & REPAIR DRAIN ASSEMBLIES & CONNECTIONS AT ALL STAGING AREAS AND DRAIN WITHIN ROOF REPLACEMENT AREAS. ASSEMBLIES & CONNECTIONS SHALL REMAIN WATER TIGHT UPON COMPLETION OF ROOF. REMOVE & REPLACE INSULATION AS REQUIRED.
- C** ALL SURFACES AFFECTED BY THE REMOVAL OR DEMOLITION OF ITEMS SHALL BE CLEANED, REPAIRED, AND PREPARED TO RECEIVE NEW FINISHES TO THAT OF MANUFACTURER STANDARDS.
- D** REMOVE ONLY AS MUCH MATERIALS AS CAN BE REPLACED THE SAME DAY. BUILDING TO REMAIN WATER TIGHT AT ALL TIMES.
- E** VERIFY TAPERED ROOF INSULATION THICKNESS TO ACHIEVE POSITIVE ROOF DRAINAGE FROM ALL ROOF AREAS. PONDING WATER WILL NOT BE ACCEPTED.
- F** PROVIDE BLOODING AS REQUIRED FOR MECHANICAL, UTILITY, OR ELECTRICAL CONDUIT/PIPPING. FIELD VERIFY.
- G** PARAPET FASCIA & COPING HEIGHTS VARY. FIELD VERIFY ALL PARAPET WIDTHS AND LENGTHS.
- H** REPLACE ALL DRAIN BASKETS IN AREA OF NEW WORK.
- I** COORDINATE WITH OWNER FOR REQUIRED DISCONNECTION OF EXISTING ROOF TOP EQUIPMENT. REMOVE EQUIPMENT AND STORE AS DIRECTED BY OWNER. COORDINATE REPLACEMENT METHODS AND SCHEDULES WITH OWNER.
- J** INSPECT AREAS UNDER METAL DECK FOR UTILITY, ELECTRICAL, MECHANICAL, COMPONENTS PRIOR TO METALLIC FASTENERS AND PLATES. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGED ELECTRICAL, MECHANICAL COMPONENTS.
- K** CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING PROTECTION AND/OR PATCHING/REPLACING ANY EXISTING CONDITIONS THAT ARE DAMAGED DURING THE SCOPE OF CONSTRUCTION (E.G. CONCRETE, GRADING, LANDSCAPING, SIDEWALKS, LANDING, MASONRY, EIFS WALL ASSEMBLIES, ETCETERA).
- L** OWNER IS RESPONSIBLE FOR ALL HAZARDOUS MATERIAL ABATEMENT. COORDINATE WITH OWNER ON MATERIALS IN ROOF ASSEMBLIES.

- ROOF LEGEND**
- EF EXHAUST FAN  
VTR VENT THROUGH ROOF  
RD ROOF DRAIN  
OF OVERFLOW DRAIN
- ← TAPERED → INDICATES TAPERED INSULATION SLOPE
- EXISTING ROOF SYSTEM TO REMAIN
- INSULATION CRACKS
- ROOF SECTION DESIGNATION
- NOTE: FOR CLARITY NOT ALL MECHANICAL EQUIPMENT IS LABELED. CONTRACTOR SHALL FIELD VERIFY ALL EQUIPMENT AND COORDINATE REMOVAL AND REPLACEMENT WITH DESIGN TEAM.

- DEMOLITION KEYNOTES**
- (1) REMOVE EXISTING ROOF SYSTEM AND DISPOSE OF MATERIALS
- (2) REMOVE AND DISPOSE OF EXISTING METAL CAP. PREPARE AREA TO RECEIVE NEW FINISHES.
- (3) REMOVE AND DISPOSE OF EXISTING COUNTER FLASHING. PREPARE AREA TO RECEIVE NEW FINISHES.
- (4) REMOVE AND DISPOSE OF EXISTING TERMINATION BAR AND SEALANT
- (5) EXISTING ROOF DRAIN ASSEMBLY TO REMAIN. INSPECT ROOF DRAIN/INSULATION CONNECTIONS AND REPLACE ASSEMBLY AS ESSAY TO WARRANTY WATER TIGHT CONNECTION AND SEAL.
- (6) REMOVE AND DISPOSE OF EXISTING ROOF ACCESS LADDER. PATCH BACK HILL AND ROOF AT ALL CONNECTION LOCATIONS TO MATCH EXISTING.
- (7) REMOVE AND DISPOSE OF EXISTING MEMBRANE AND SHEET METAL FLASHING AT EXISTING THROUGH WALL SCUPPER.
- (8) REMOVE MEMBRANE WRAPPED UP EXISTING WALL.
- (9) REMOVE EXISTING CONCRETE OR RUBBER ROOF PAVERS.
- (10) VENT THROUGH ROOF TO REMAIN
- (11) EXHAUST FAN AND CURB TO REMAIN
- (12) EXISTING ROOF DRAIN TO BE REMOVED. PATCH OPENING AS REQUIRED.
- (13) EXISTING SCUPPER AND DOWNPOUT TO BE REMOVED. PATCH AND REPAIR STONE REQUIRED.

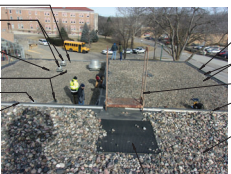
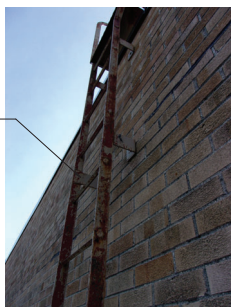
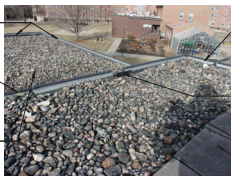
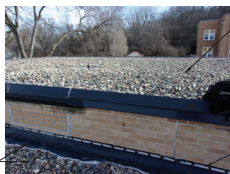
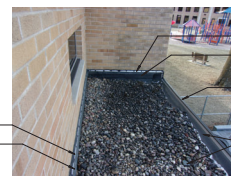
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**1 ROOF DEMOLITION PLAN**  
1/8" = 1'-0"





**GENERAL NOTES**

THE GENERAL NOTES APPLY TO ALL CONSTRUCTION DOCUMENTS

- [illegible]

## DEMOLITION KEYNOTES

1. REMOVE EXISTING ROOF SYSTEM AND DISPOSAL OF MATERIALS
2. REMOVE AND DISPOSE OF EXISTING MEAT CAP. PREPARE AREA TO RECEIVE NEW FINISHES.
3. REMOVE AND DISPOSE OF EXISTING COUNTER FLASHING. PREPARE AREA TO RECEIVE NEW FINISHES.
4. REMOVE AND DISPOSE OF EXISTING TERMINATION BAR AND SEALANT
5. EXISTING ROOF DRAIN ASSEMBLY TO REMAIN. INSPECT ROOF DRAIN/FLASHING CONNECTIONS AND SERVICE ASSEMBLY AS NECESSARY TO WARRANT BATTERY CONNECTION AND SEAL.
6. REMOVE AND DISPOSE OF EXISTING ROOF ACCESS LADDER PATCH BALCONY AND ROOF OF ALL CONNECTION LOCATIONS TO MATCH EXISTING
7. REMOVE AND DISPOSE OF EXISTING MEMBRANE AND SHEET METAL FLASHING TO EXISTING WALL SCUPPER
8. REMOVE MEMBRANE WRAP/UP TO EXISTING WALL
9. REMOVE EXISTING CONCRETE OR RUBBER ROOF PAVERS.
10. VENT THROUGH ROOF TO NEARBY
11. EXHAUST FAN AND CURB TO REMAIN
12. EXHAUST FAN CURB TO BE REMOVED, PATCH OPENING AS REQUIRED.
13. EXISTING SCUPPER AND DOWNSPOUT TO BE REMOVED. PATCH AND REPAIR AS REQUIRED.

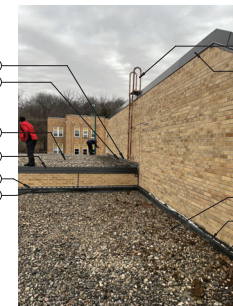
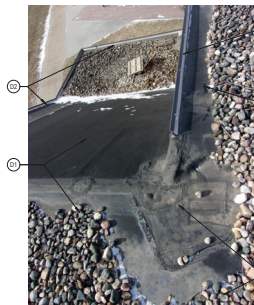
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### GENERAL NOTES

[illegible]

### DEMOLITION KEYNOTES

- 1 REMOVE EXISTING ROOF SYSTEM AND DISPOSAL OF MATERIALS
- 2 REMOVE AND DISPOSE OF EXISTING METAL CAP. PREPARE AREA TO RECEIVE NEW FRISHES.
- 3 REMOVE AND DISPOSE OF EXISTING COUNTER FLASHING. PREPARE AREA TO RECEIVE NEW FRISHES.
- 4 REMOVE AND DISPOSE OF EXISTING TERMINATION BAR AND SEALANT
- 5 EXISTING ROOF DRAIN ASSEMBLY TO REMAIN. INSPECT ROOF DRAIN AND FLASHING CONNECTIONS AND TIGHTEN ASSEMBLY AS NECESSARY TO WARRANT WATER TIGHT CONNECTION AND SEAL.
- 6 REMOVE AND DISPOSE OF EXISTING ROOF ACCESS LACEDER PATCH AND ROOF ALL ALL CONNECTION LOCATIONS TO MATCH EXISTING
- 7 REMOVE AND DISPOSE OF EXISTING MEMBRANE AND SHEET METAL FLASHING
- 8 REMOVE MEMBRANE WRAPPING UP EXISTING WALL.
- 9 REMOVE EXISTING CONCRETE OR RUBBER ROOF FLOWERS.
- 10 VENT THROUGH ROOF TO REMAIN
- 11 EXHAUST FAN CURB TO REMAIN
- 12 EXISTING ROOF DRAIN TO BE REMOVED, PATCH OPENING AS REQUIRED.
- 13 EXISTING SCUPPER AND DOWNPOUT TO BE REMOVED. PATCH AND SCUPPER AS REQUIRED.

## REVISIONS

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GENERAL NOTES

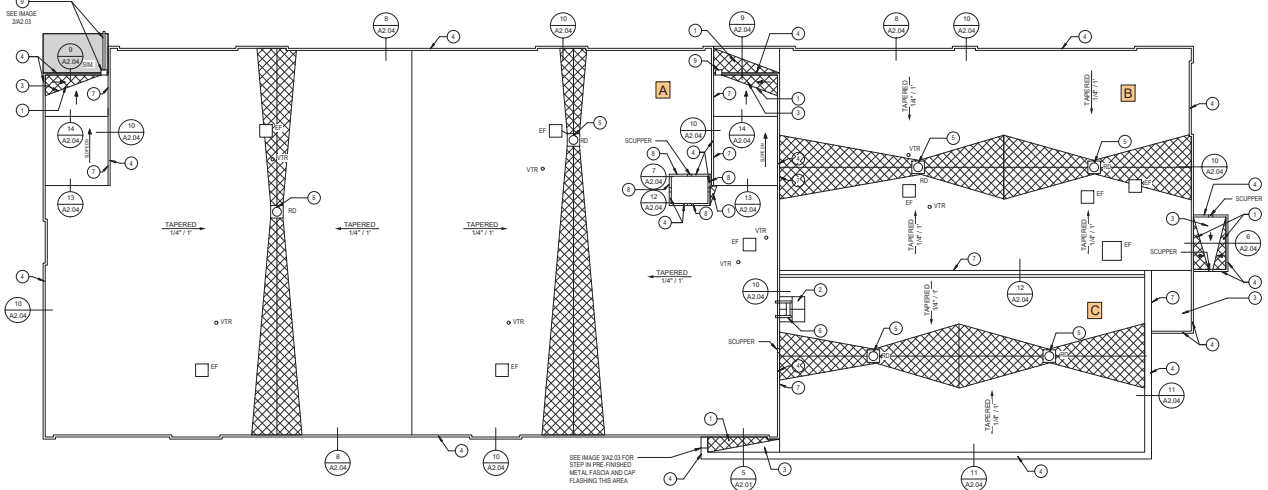
- THE GENERAL NOTES AND LEGEND LISTED BELOW APPLY TO ALL CONTRACTOR DOCUMENTS
- A** TYPICAL AT ALL MECHANICAL/ELECTRICAL EQUIPMENT, VENTS, HOODS & PENETRATIONS - UNITS TO REMAIN DURING CONSTRUCTION. CONTRACTOR SHALL PROVIDE MANUFACTURER RECOMMENDED PROTECTION FOR FLASHING OF UNITS. FIELD VERIFY UNIT QUANTITY, SIZE AND LOCATION.
- B** TEST & REPAIR DRAIN ASSEMBLIES & CONNECTIONS AT ALL STAGING AREAS AND DRAINAGE ROOF REPAIRMENT AREAS. ASSEMBLIES & CONNECTIONS SHALL REMAIN WATER TIGHT UPON COMPLETION OF ROOF. REMOVE & REPLACE INSULATION AS REQUIRED.
- C** ALL SURFACES AFFECTED BY THE REMOVAL OR DISMANTLING OF ITEMS SHALL BE CLEANED, REPAIRED, AND PREPARED TO RECEIVE NEW FINISHES TO THAT OF MANUFACTURER STANDARDS.
- D** REMOVE ONLY AS MUCH MATERIALS AS CAN BE REPLACED THE SAME DAY. BUILDING TO REMAIN WATER TIGHT AT ALL TIMES.
- E** VERIFY TAPERED ROOF INSULATION THICKNESS TO ASSUME POSITIVE ROOF DRAINAGE FROM ALL ROOF AREAS. PONDING WATER WILL NOT BE ACCEPTED.
- F** PROVIDE BLOODING AS REQUIRED FOR MECHANICAL, UTILITY, OR ELECTRICAL CONDUIT/PIPPING. FIELD VERIFY.
- G** PARAPET FASCIA & COPING HEIGHTS VARY. FIELD VERIFY ALL PARAPET WIDTHS AND LENGTHS.
- H** REPLACE ALL DRAIN BASKETS IN AREA OF NEW WORK.
- I** COORDINATE WITH OWNER FOR REQUIRED DISCONNECTION OF EXISTING ROOF TOP EQUIPMENT. REMOVE EQUIPMENT AND STORE AS DIRECTED BY OWNER. COORDINATE REPLACEMENT METHODS AND SCHEDULE WITH OWNER.
- J** INSPECT AREAS UNDER METAL DECK FOR UTILITY, ELECTRICAL, MECHANICAL, AND ADDITIONAL COMPONENTS TO NOT INSTALL FASTENERS AND PLATES. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGED ELECTRICAL, MECHANICAL, AND ANY COMPONENTS.
- K** CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING PROTECTION AND/OR PATCHING/REPAIRING ANY EXISTING CONDITIONS THAT ARE DAMAGED DURING THE SCOPE OF CONSTRUCTION INCLUDING, BUT NOT LIMITED TO: EXISTING GLAZING, CURBS, CONCRETE, GRADING, LANDSCAPING, SIDEWALKS, LAWN, MASONRY, EIFS, WALL ASSEMBLIES, ETC/ETC/EA.
- L** CONTRACTOR TO REVIEW UNDERSIDE OF EXISTING ROOF AND COORDINATE MECHANICAL FASTENING WITH EXISTING SYSTEM.

KEYNOTES

- 1 PROVIDE CRACKKIT AS REQUIRED FOR POSITIVE DRAINAGE
- 2 FLEXIBLE WALK-WALK
- 3 CONTRACTOR TO FIELD VERIFY SLOPE IN THIS AREA. INSTALL TAPERED INSULATION TO MAINTAIN POSITIVE DRAINAGE TO ROOF DRAIN
- 4 PRE-FINISHED METAL FASCIA
- 5 EXISTING ROOF DRAIN TO REMAIN. REPLACE DRAIN BASKETS
- 6 NEW PRE-MANUFACTURED ROOF LADDER
- 7 WRAP MEMBRANE UP EXISTING WALL AND TERMINATE. MATCH EXISTING - SEE DETAIL A2.04
- 8 WRAP MEMBRANE OVER EXISTING WALL ASSEMBLY - SEE DETAIL A2.04
- 9 NEW SCUPPER AND DOWNSPOUT
- 10 NEW SPLASH PAD
- 11 STEP NEW PRE-FINISHED METAL FASCIA AS REQUIRED TO BE BELOW EXISTING WINDOW
- 12 EXISTING SCUPPER AND DOWNSPOUT TO BE REMOVED. PATCH AND REPAIR STONE REQUIRED

ROOF LEGEND

- EF EXHAUST FAN
- VTR VENT THROUGH ROOF
- RD ROOF DRAIN
- OF OVERFLOW DRAIN
- TAPERED INDICATES TAPERED INSULATION SLOPE
- EXISTING ROOF SYSTEM TO REMAIN
- INSULATION CRACKKIT
- ROOF SECTION DESIGNATION
- NOTE: FOR CLARITY NOT ALL MECHANICAL EQUIPMENT IS LABELED. CONTRACTOR SHALL FIELD VERIFY ALL EQUIPMENT AND COORDINATE REMOVAL AND REPLACEMENT WITH DESIGN TEAM.



1 ROOF PLAN  
1/8" = 1'-0"

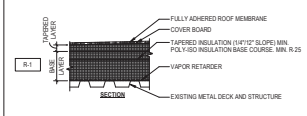


2 NEW SCUPPER AND DOWNSPOUT



3 STEPPED FASCIA IMAGE

ASSEMBLY TYPE

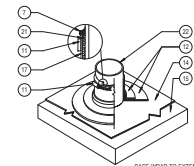


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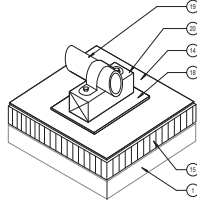
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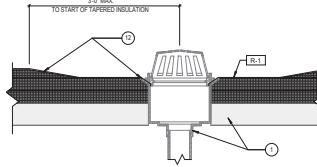


BASE WRAP TO EXTEND MIN. 1" UP  
VERTICAL SURFACE OF PIPE AND 2"  
MIN. ONTO FIELD MEMBRANE.  
UPPER WRAP TO EXTEND 1 1/2" ONTO  
BASE WRAP AND 6" MIN. UP PIPE AND  
SEALED INTO A BEAD OF MEMBRANE  
WELDED TO ALL WALLS WITH A STAINLESS STEEL  
CLAMPING RING.

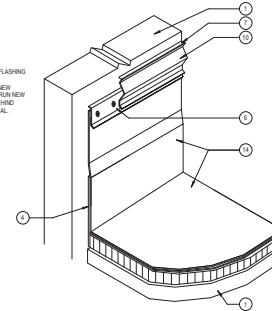
1 ROOF PENETRATION DETAIL  
1" = 1'-0"



2 TYPICAL PIPE/EQUIPMENT BLOCKING  
1 1/2" = 1'-0"

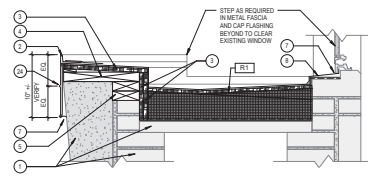


3 TYPICAL ROOF DRAIN DETAIL  
1 1/2" = 1'-0"

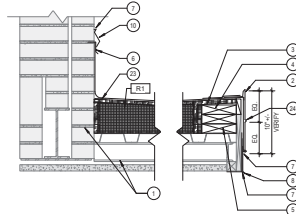


4 TYPICAL ROOF TO WALL TRANSITION DETAIL  
1 1/2" = 1'-0"

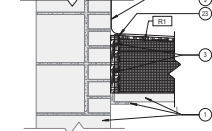
IF EXISTING COUNTER FLASHING  
(DAMAGED DURING  
SCHEDULING) PROVIDE NEW  
COUNTER FLASHING & RUN NEW  
COUNTER FLASHING BEHIND  
EXISTING WALL MATERIAL.



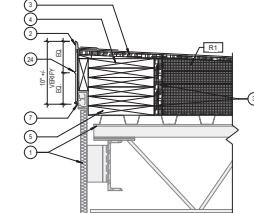
5 ROOF DETAIL  
1 1/2" = 1'-0"



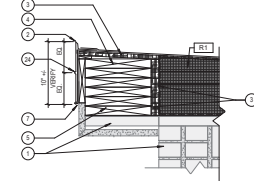
6 ROOF DETAIL  
1 1/2" = 1'-0"



7 ROOF DETAIL  
1 1/2" = 1'-0"



8 ROOF EDGE DETAIL  
1 1/2" = 1'-0"



9 ROOF EDGE DETAIL  
1 1/2" = 1'-0"

### DETAIL KEYNOTES

- EXISTING STRUCTURE OR FINISHES TO REMAIN
- PRE-FINISHED METAL ROOF EDGE AND RETAINER CLIP SET IN SEALANT.
- 1/2" OSB SHEATHING CONT.
- TREATED BLOCKING SET IN SEALANT CONTE. SLOPE TO ROOF
- PRESSURE TREATED BLOCKING
- S.S. TERMINATION STRIP
- CONTINUOUS SEALANT AS REQUIRED
- METAL FLASHING W/ DRIP
- EXTEND SINGLE PLY MEMBRANE UP THE FACE AND UNDER METAL CAP FLASHING
- COUNTER FLASHING
- S.S. CLAMP RING
- SINGLE PLY MEMBRANE FLASHING
- LAP SEALANT
- SINGLE PLY MEMBRANE ROOFING
- ROOF INSULATION
- MEMBRANE ANCHOR
- PRE-MOLDED PIPE FLASHING
- MEMBRANE SLIP SHEET
- EXISTING OR NEW PIPE
- SUPPORTS TO MATCH EXISTING
- SEALING MASTIC
- PIPE PENETRATION
- SECUREMENT STRIPS
- KINK DETAIL IN METAL FLASHING

### REVISIONS

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