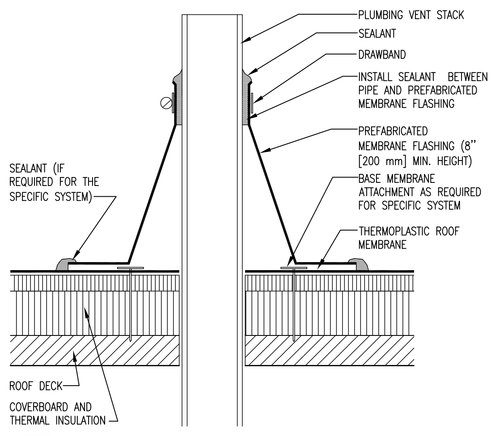
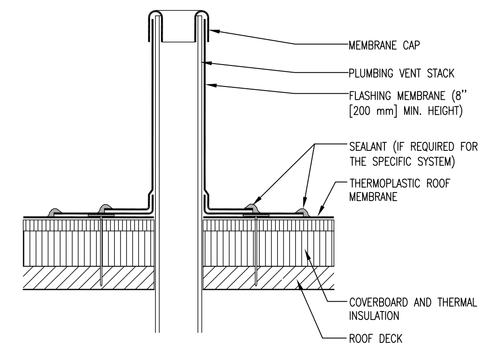



NOTES:

1. VENT STACKS AND OTHER PIPES SHOULD HAVE A MINIMUM OF 12 INCHES [300 mm] OF CLEARANCE ON ALL SIDES FROM WALLS, CURBS, AND OTHER PROJECTIONS TO FACILITATE PROPER FLASHING. SEE TABLE 4.
2. NRCA RECOMMENDS FLASHINGS BE 8" [200 mm] HIGH, HOWEVER, NRCA IS AWARE THAT PRE-MANUFACTURED BOOT FLASHINGS GENERALLY WILL NOT MEET THE HEIGHT REQUIREMENT.
3. REFER TO THE INTRODUCTION FOR ADDITIONAL INFORMATION.

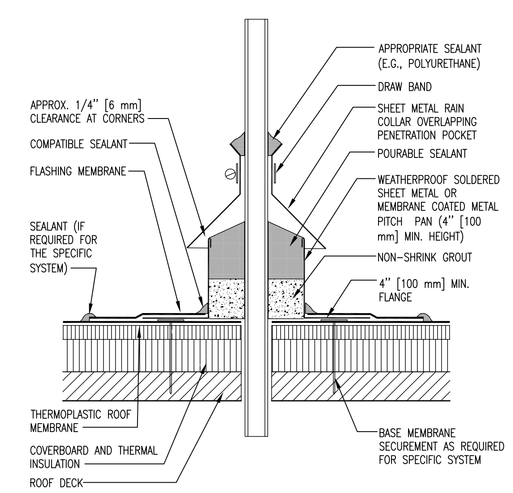
## 18 PLUMBING VENT (PREMANUFACTURERED BOOT)
NOT TO SCALE




NOTES:

1. VENT STACKS AND OTHER PIPES SHOULD HAVE A MINIMUM OF 12 INCHES [300 mm] OF CLEARANCE ON ALL SIDES FROM WALLS, CURBS, AND OTHER PROJECTIONS TO FACILITATE PROPER FLASHING. SEE TABLE 4.
2. REFER TO THE INTRODUCTION FOR ADDITIONAL INFORMATION.

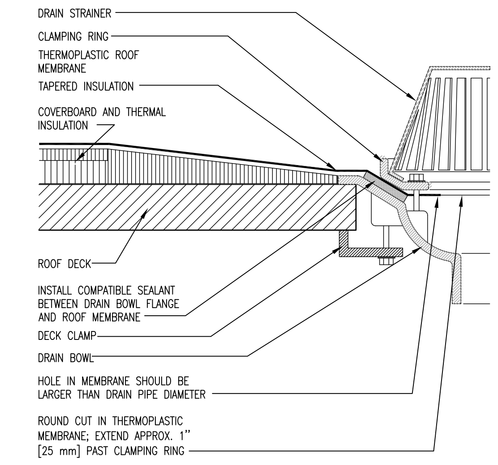
## 17 PLUMBING VENT (FIELD WRAP)
NOT TO SCALE




NOTES:

1. PENETRATION POCKETS ARE NOT THE PREFERRED FLASHING METHOD AT PENETRATIONS BECAUSE THEY MAY BE A CONSTANT MAINTENANCE PROBLEM. SEE DETAIL TP-11 FOR THE PREFERRED FLASHING METHOD.
2. REFER TO THE INTRODUCTION FOR ADDITIONAL INFORMATION.

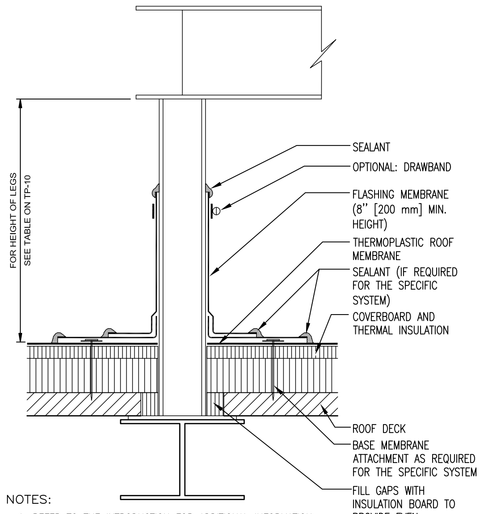
## 16 PENETRATION POCKET
NOT TO SCALE




NOTES:

1. THE USE OF A METAL DECK SUMP PAN IS NOT RECOMMENDED. HOWEVER, DRAIN RECEIVER/BEARING PLATES ARE APPLICABLE WITH SOME PROJECTS.
2. THE DESIGNER SHOULD CONSIDER INSULATING THE DRAIN COMPONENTS BELOW THE DECK TO PREVENT POTENTIAL CONDENSATION.
3. MEMBRANE SEAMS SHOULD NOT INTERSECT DRAIN CLAMPING RING.
4. REFER TO THE INTRODUCTION FOR ADDITIONAL INFORMATION.

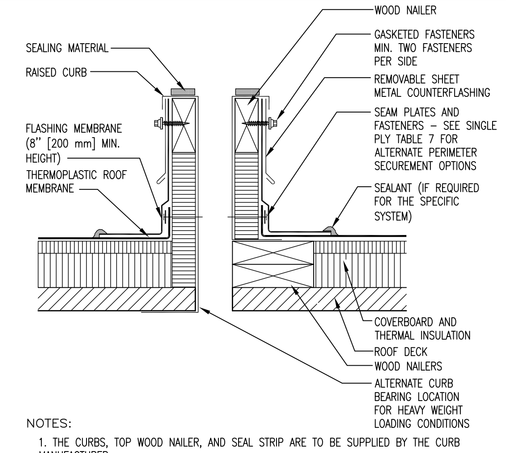
## 15 ROOF DRAIN DETAIL
NOT TO SCALE




NOTES:

1. REFER TO THE INTRODUCTION FOR ADDITIONAL INFORMATION.

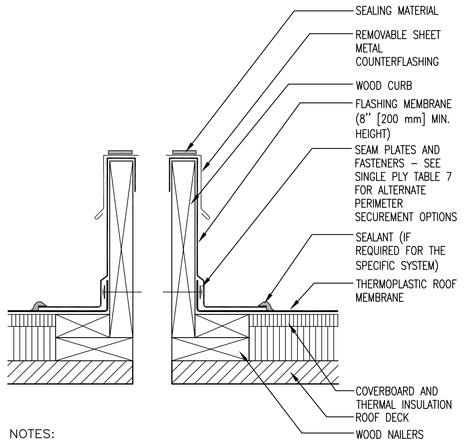
## 14 EQUIPMENT SUPPORT STAND LEG (FIELD WRAP)
NOT TO SCALE




NOTES:

1. THE CURBS, TOP WOOD NAILER, AND SEAL STRIP ARE TO BE SUPPLIED BY THE CURB MANUFACTURER.
2. WHEN POSSIBLE, THE MECHANICAL UNITS SHOULD NOT BE SET UNTIL THE ROOF MEMBRANE AND FLASHING HAVE BEEN INSTALLED.
3. REFER TO THE INTRODUCTION FOR ADDITIONAL INFORMATION.
4. REFER TO THE SHEET METAL SECTION OF THE METAL ROOFING MANUAL FOR JOINERY AND SECUREMENT OPTIONS FOR SHEET METAL.

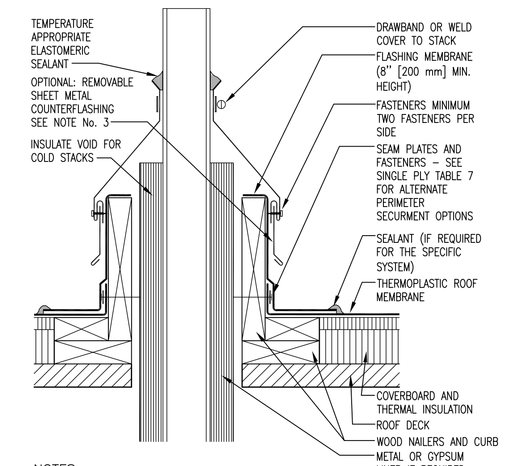
## 13 RAISED CURB DETAIL FOR RTU AND DUCTS (PREFAB METAL CURB)
NOT TO SCALE




NOTES:

1. THE MECHANICAL UNITS SHOULD NOT BE SET UNTIL THE ROOF MEMBRANE AND FLASHING HAVE BEEN INSTALLED.
2. REFER TO THE SHEET METAL SECTION OF THE METAL ROOFING MANUAL FOR JOINERY AND SECUREMENT OPTIONS FOR SHEET METAL.
3. REFER TO THE INTRODUCTION FOR ADDITIONAL INFORMATION.

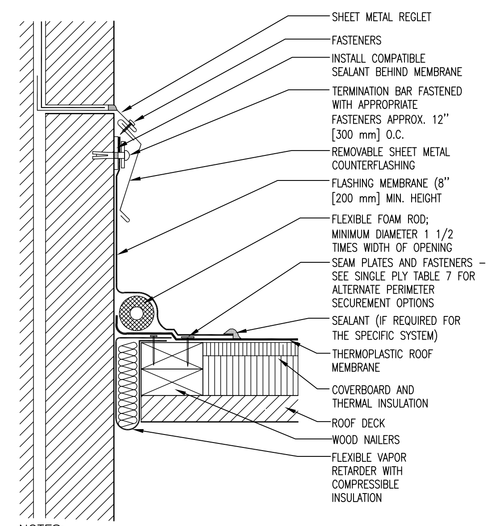
## 12 RAISED CURB DETAIL FOR RTU AND DUCTS (JOB SITE CONSTRUCTED WOOD CURB)
NOT TO SCALE




NOTES:

1. THIS DETAIL ALLOWS THE OPENING TO BE COMPLETED BEFORE THE STACK IS PLACED.
2. THE CLEARANCE NECESSARY BETWEEN THE OPTIONAL GYPSUM OR METAL LINER AND STACK, AND THE NEED FOR INSULATION, WILL DEPEND ON THE TEMPERATURE OF THE MATERIAL HANDLED BY THE STACK.
3. WHERE THE SHEET METAL COVER OVERLAPS THE BASE FLASHING AT LEAST 3" [75 mm], THE REMOVABLE SHEET METAL COUNTERFLASHING IS NOT REQUIRED.
4. REFER TO THE INTRODUCTION FOR ADDITIONAL INFORMATION.
5. REFER TO THE SHEET METAL SECTION OF THE METAL ROOFING MANUAL FOR JOINERY AND SECUREMENT OPTIONS FOR SHEET METAL.

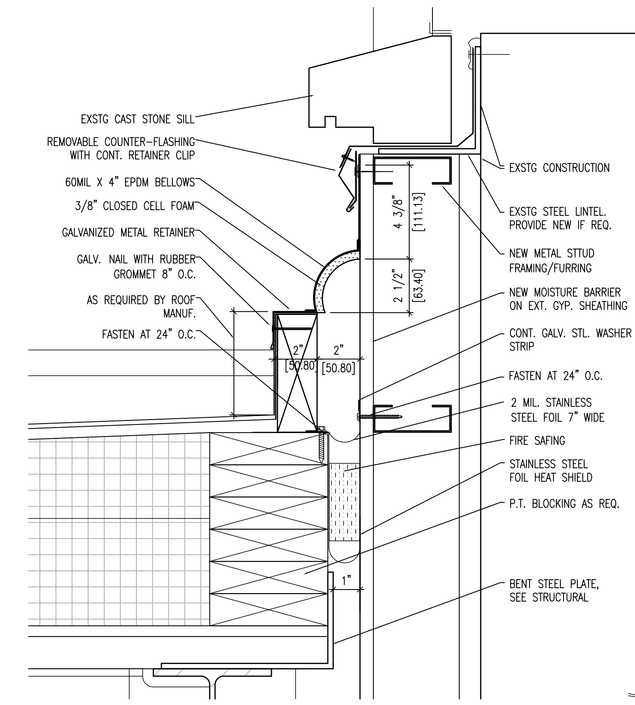
## 11 ISOLATED STACK FLASHING (HOT OR COLD)
NOT TO SCALE



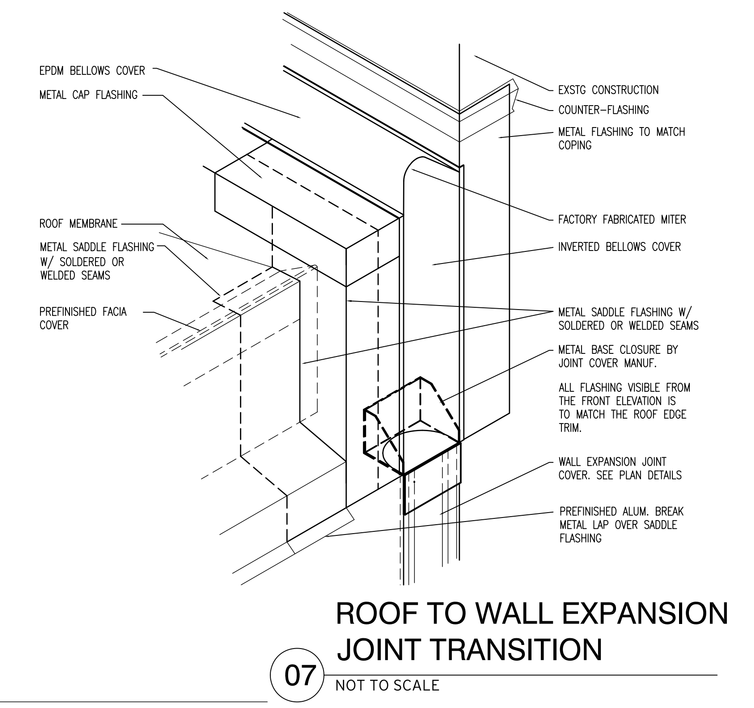

NOTES:

1. THIS DETAIL ACCOMMODATES INDEPENDENT WALL AND DECK MOVEMENT. OTHER METHODS OF COUNTERFLASHING MAY BE APPLICABLE (SEE TABLE 2).
2. THIS DETAIL MAY NOT BE APPLICABLE FOR USE WITH LIGHTWEIGHT FILLS.
3. REFER TO THE SHEET METAL SECTION OF THE METAL ROOFING MANUAL FOR JOINERY AND SECUREMENT OPTIONS FOR SHEET METAL.
4. REFER TO THE INTRODUCTION FOR ADDITIONAL INFORMATION.

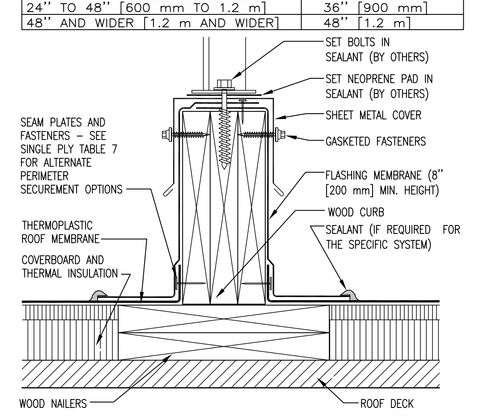
## 10 BASE FLASHING FOR NON-WALL SUPPORTED DECK
NOT TO SCALE




## 09 EXPANSION JOINT AT WALL
SCALE 3" = 1'-0"



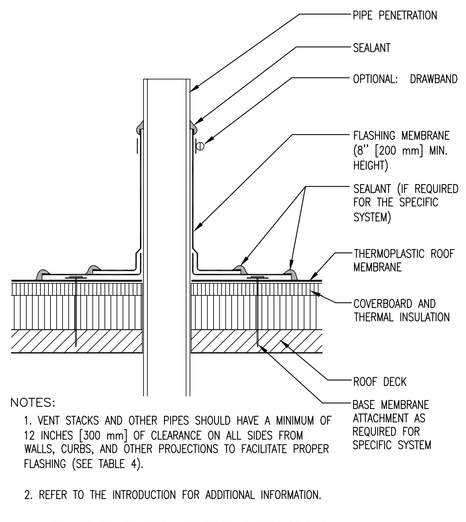

## 07 ROOF TO WALL EXPANSION JOINT TRANSITION
NOT TO SCALE




NOTES:

1. THIS DETAIL ALLOWS FOR MEMBRANE MAINTENANCE AROUND THE SUPPORTED EQUIPMENT. THE CONTINUOUS SUPPORT IS PREFERRED IN LIGHTWEIGHT STRUCTURAL SYSTEMS BECAUSE THE EQUIPMENT WEIGHT CAN BE SPREAD ACROSS TWO OR MORE SUPPORTING MEMBERS. WHERE HEAVY STRUCTURAL SYSTEMS ARE USED OR WHERE THE LOAD CAN BE CONCENTRATED OVER A COLUMN, DETAIL TP-10 MAY BE PREFERRED. A MINIMUM OF 2 FEET [600 mm] OF HORIZONTAL CLEARANCE MUST BE PROVIDED FOR REMOVAL AND REPLACEMENT OF ROOFING AND FLASHING BETWEEN PARALLEL SUPPORTS. REFER TO THE TABLE ABOVE FOR RECOMMENDATIONS ON VERTICAL CLEARANCE FROM ROOF SURFACE TO BOTTOM OF SUPPORTED EQUIPMENT.
2. REFER TO THE INTRODUCTION FOR ADDITIONAL INFORMATION.
3. REFER TO THE SHEET METAL SECTION OF THE METAL ROOFING MANUAL FOR JOINERY AND SECUREMENT OPTIONS FOR SHEET METAL.

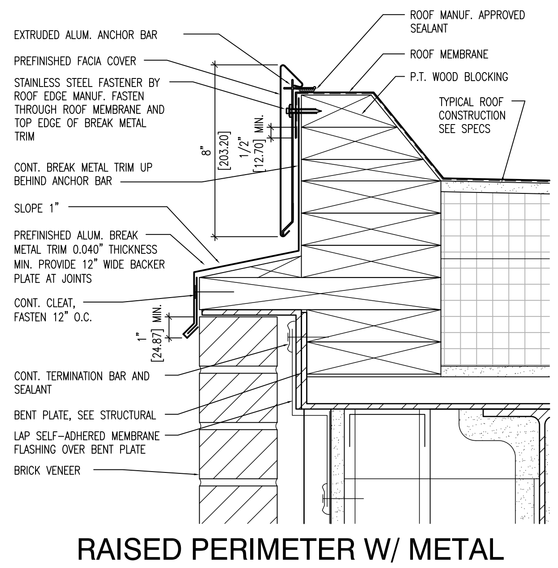
## 06 EQUIPMENT SUPPORT CURBS
NOT TO SCALE



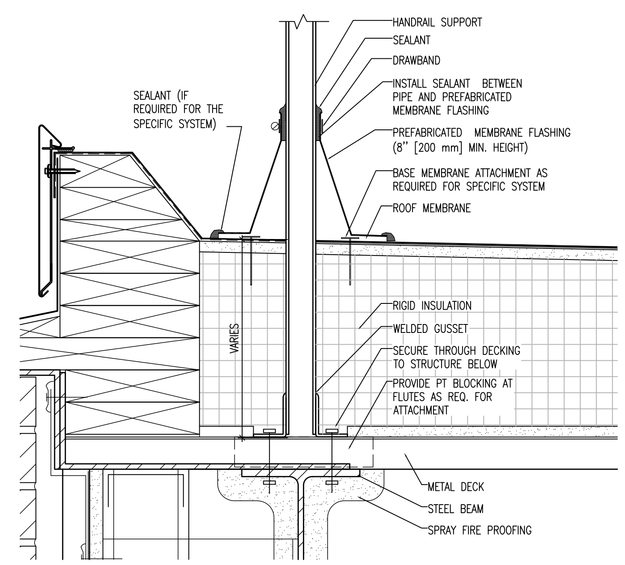

NOTES:

1. VENT STACKS AND OTHER PIPES SHOULD HAVE A MINIMUM OF 12 INCHES [300 mm] OF CLEARANCE ON ALL SIDES FROM WALLS, CURBS, AND OTHER PROJECTIONS TO FACILITATE PROPER FLASHING (SEE TABLE 4).
2. REFER TO THE INTRODUCTION FOR ADDITIONAL INFORMATION.

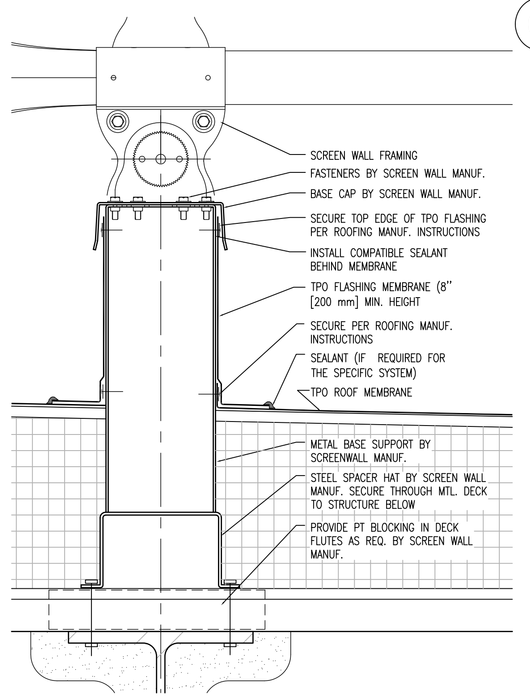
## 05 PIPE PENETRATION (FIELD WRAP)
NOT TO SCALE



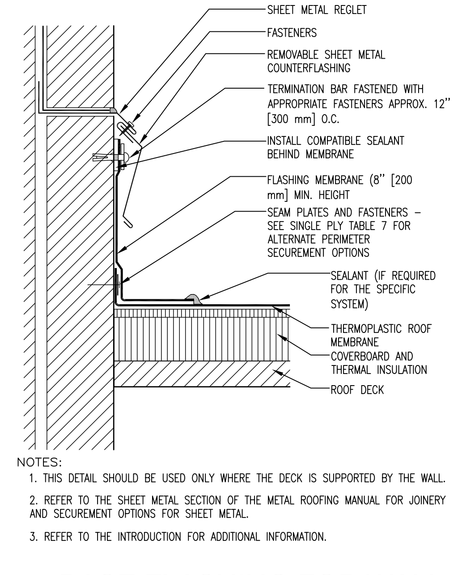

## 04 RAISED PERIMETER W/ METAL FLASHING (FASCIA CAP)
SCALE 3" = 1'-0"




## 03 HANDRAIL SUPPORT
SCALE 3" = 1'-0"




## 02 SCREENWALL SUPPORT
SCALE 3" = 1'-0"




NOTES:

1. THIS DETAIL SHOULD BE USED ONLY WHERE THE DECK IS SUPPORTED BY THE WALL.
2. REFER TO THE SHEET METAL SECTION OF THE METAL ROOFING MANUAL FOR JOINERY AND SECUREMENT OPTIONS FOR SHEET METAL.
3. REFER TO THE INTRODUCTION FOR ADDITIONAL INFORMATION.

## 01 BASE FLASHING FOR WALL SUPPORTED DECK
NOT TO SCALE

CONSTRUCTION DOCUMENTS - 100% FINALS FULLY SPRINKLERED

| Revisions | Date |
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Approved Project Director: James Zellander
Project Title: A/E AMBULATORY SURGERY IMPROVEMENTS
Location: VAMC - Birmingham, Alabama
Date: 5/23/2014 | Checked: bea | Drawn: bea
Project Number: 521-328
Building Number: 0000000000
Drawing Number: A500
Dwg. 057 of 124

Office of Construction and Facilities Management
Department of Veterans Affairs

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