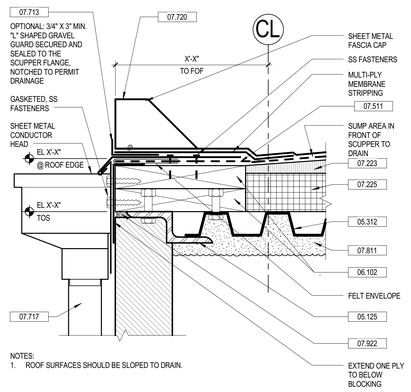
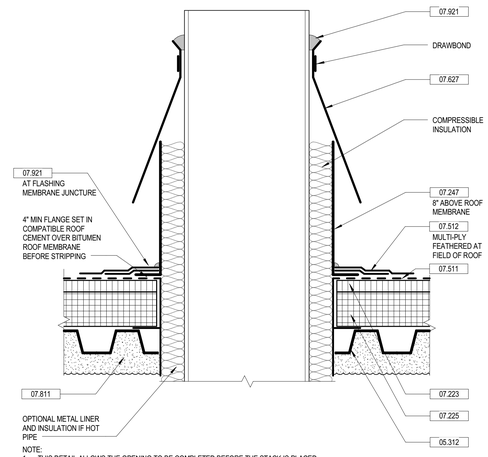


NOTES:
1. ROOF SURFACES SHOULD BE SLOPED TO DRAIN.

11 BUR SECTION DETAIL
3" = 1'-0"

SCUPPER THROUGH RAISED PERIMETER
B3010.50-1K

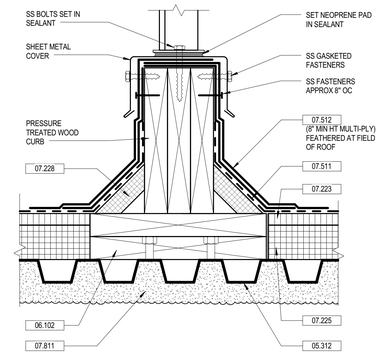


NOTE:
1. THIS DETAIL ALLOWS THE OPENING TO BE COMPLETED BEFORE THE STACK IS PLACED.
2. THE CLEARANCE NECESSARY BETWEEN THE OPTIONAL INSULATION AND METAL LINER AND THE STACK WILL DEPEND ON THE TEMPERATURE OF THE MATERIAL HANDLED BY THE STACK.

08 BUR SECTION DETAIL
3" = 1'-0"

ISOLATED STACK FLASHING - SHEET METAL (HOT OR COLD)
B3010.50-1H

WIDTH OF EQUIPMENT	HEIGHT OF LEGS
UP TO 24"	24"
24" TO 48"	36"
48" AND WIDER	48"



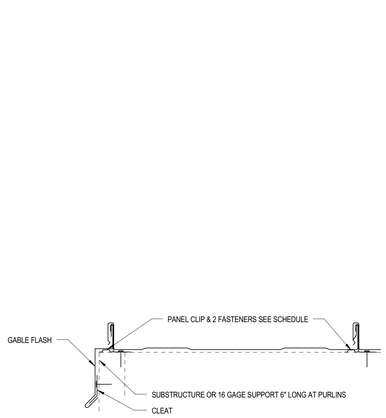
NOTE:
1. THIS DETAIL ALLOWS FOR MEMBRANE MAINTENANCE AROUND THE SUPPORTED EQUIPMENT. THE CONTINUOUS SUPPORT IS PREFERRED IN LIGHT-WEIGHT STRUCTURAL SYSTEMS BECAUSE THE EQUIPMENT WEIGHT CAN BE SPREAD ACROSS TWO OR MORE SUPPORTING MEMBERS. WHERE HEAVY STRUCTURAL SYSTEMS ARE USED OR WHERE THE LOAD CAN BE CONCENTRATED OVER A COLUMN, DETAIL MB-10 FROM THE NRCA CONSTRUCTION DETAILS MAY BE PREFERRED. A MINIMUM OF 2 FEET OF HORIZONTAL CLEARANCE MUST BE PROVIDED FOR REMOVAL AND REPLACEMENT OF ROOFING AND FLASHING BETWEEN PARALLEL SUPPORTS. REFER TO TABLE ABOVE FOR RECOMMENDATIONS ON VERTICAL CLEARANCE FROM ROOF SURFACE TO BOTTOM OF SUPPORTED EQUIPMENT.

05 BUR SECTION DETAIL
3" = 1'-0"

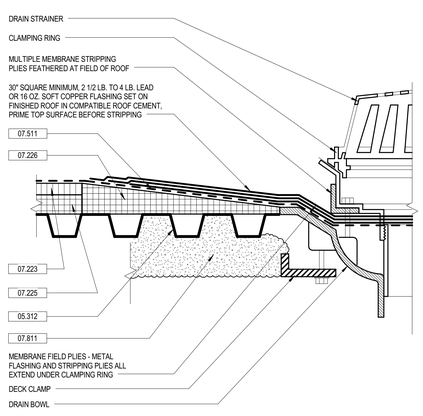
EQUIPMENT SUPPORT CURB
B3010.50-1E

SPECIFICATION KEYNOTE LEGEND

05.125	BENT STEEL PLATE
05.312	METAL ROOF DECK
05.314	STEEL EDGE ANGLE
06.102	PRESSURE-TREATED WOOD BLOCKING / NAILER
06.107	WOOD CANT
07.111	BITUMINOUS DAMPPROOFING
07.223	ROOF INSULATION SUBSTRATE BOARD
07.225	RIGID ROOF INSULATION
07.226	TAPERED RIGID ROOF INSULATION
07.228	FIBER CANT
07.247	METAL FLASHING
07.511	BUILT-UP ASPHALT ROOFING SYSTEM
07.512	BUILT-UP ASPHALT ROOFING SYSTEM BASE FLASHING
07.621	2-PIECE METAL COUNTERFLASHING
07.627	SHEET METAL RAIN COLLAR
07.712	MANUFACTURED METAL COUNTERFLASHING SYSTEM
07.713	MANUFACTURED METAL GRAVEL STOP
07.714	MANUFACTURED METAL FASCIA
07.715	METAL CLEAT ANCHORED PER WIND UPLIFT REQUIREMENT
07.717	MANUFACTURED METAL DOWNSPOUT
07.720	MANUFACTURED METAL SCUPPER
07.721	MANUFACTURED ROOF CURB
07.811	SPRAYED FIRE-RESISTIVE MATERIAL, LOW DENSITY
07.921	JOINT SEALANT
07.922	BACKER ROD AND SEALANT
08.621	UNIT SKYLIGHT



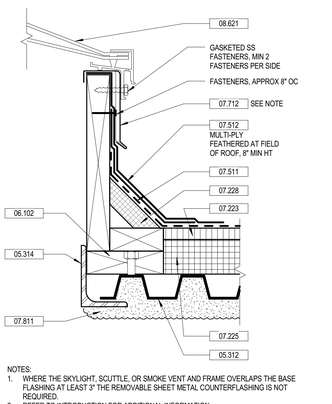
13 STANDING SEAM - FULL CABLE DETAIL
3" = 1'-0"



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.

10 BUR SECTION DETAIL
3" = 1'-0"

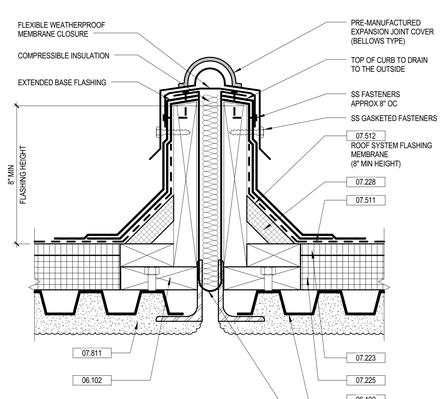
ROOF DRAIN
B3010.50-1J



NOTES:
1. WHERE THE SKYLIGHT, SCUTTLE, OR SMOKE VENT AND FRAME OVERLAPS THE BASE FLASHING AT LEAST 3" THE REMOVABLE SHEET METAL COUNTERFLASHING IS NOT REQUIRED.
2. REFER TO INTRODUCTION FOR ADDITIONAL INFORMATION.
3. REFER TO THE SHEET METAL SECTION OF THE METAL ROOFING MANUAL FOR JOINERY AND SECUREMENT OPTIONS FOR SHEET METAL.

07 BUR SECTION DETAIL
3" = 1'-0"

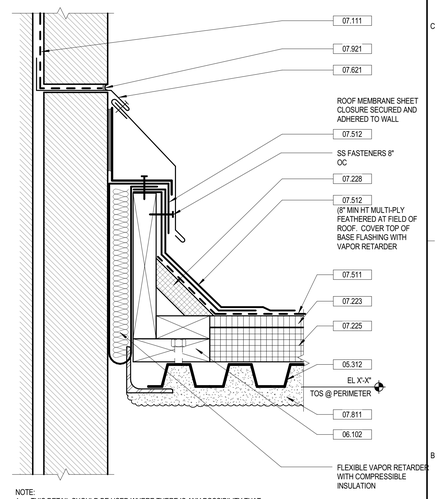
SKYLIGHT, SCUTTLE AND SMOKE VENT
B3010.50-1G



NOTES:
1 THIS DETAIL ALLOWS FOR BUILDING MOVEMENT IN MULITPLE DIRECTIONS.
2. FLASHING REQUIREMENTS TYPICAL FOR BOTH SIDES OF EXPANSION JOINT.

04 BUR SECTION DETAIL
3" = 1'-0"

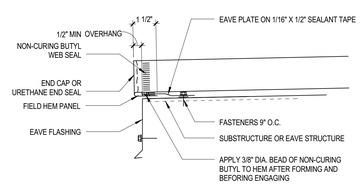
EXPANSION JOINT W/ PRE-MANUF COVER
B3010.50-1D



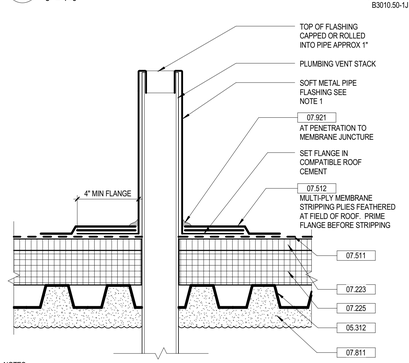
NOTE:
1. THIS DETAIL SHOULD BE USED WHERE THERE IS ANY POSSIBILITY THAT DIFFERENTIAL MOVEMENT WILL OCCUR BETWEEN THE DECK AND A VERTICAL SURFACE. THE WOOD MEMBERS SHOULD NOT BE FASTENED TO THE WALL.
2. THIS DETAIL MAY NOT BE APPLICABLE FOR USE WITH LIGHTWEIGHT FILLS.

02 BUR SECTION DETAIL
3" = 1'-0"

BASE FLASHING FOR NON-WALL SUPPORTED DECK
B3010.50-1B



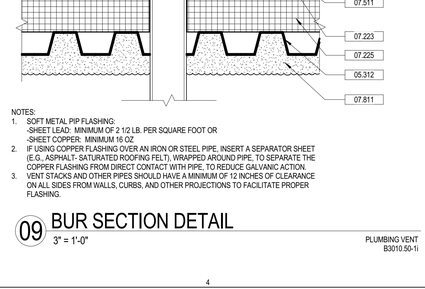
12 STANDING SEAM DETAIL
3" = 1'-0"



NOTES:
1. SOFT METAL PIP FLASHING:
-SHEET LEAD: MINIMUM OF 2 1/2 LB. PER SQUARE FOOT OR
-SHEET COPPER: MINIMUM 16 OZ
2. IF USING COPPER FLASHING OVER AN IRON OR STEEL PIPE, INSERT A SEPARATOR SHEET (E.G., ASPHALT- SATURATED ROOFING FELT), WRAPPED AROUND PIPE. TO SEPARATE THE COPPER FLASHING FROM DIRECT CONTACT WITH PIPE, TO REDUCE GALVANIC ACTION.
3. VENT STACKS AND OTHER PIPES SHOULD HAVE A MINIMUM OF 12 INCHES OF CLEARANCE ON ALL SIDES FROM WALLS, CURBS, AND OTHER PROJECTIONS TO FACILITATE PROPER FLASHING.

09 BUR SECTION DETAIL
3" = 1'-0"

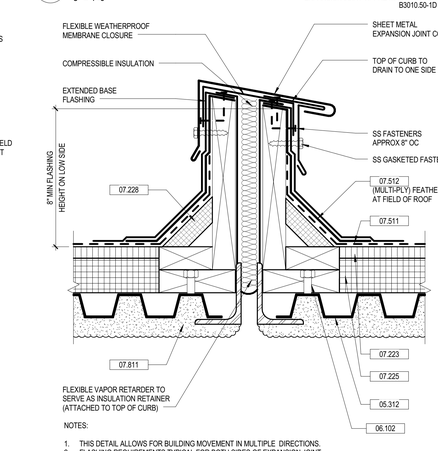
PLUMBING VENT
B3010.50-1I



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.

06 BUR SECTION DETAIL
3" = 1'-0"

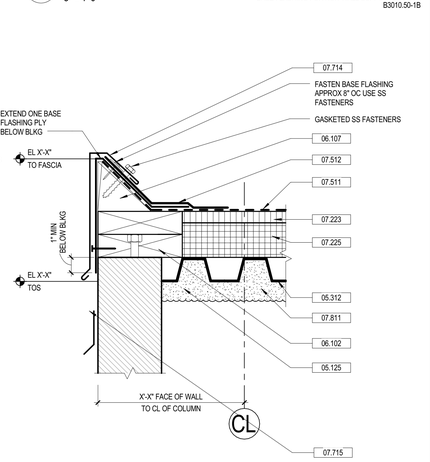
PRE-FABRICATED METAL CURB
B3010.50-1F



NOTES:
1. THIS DETAIL ALLOWS FOR BUILDING MOVEMENT IN MULTIPLE DIRECTIONS.
2. FLASHING REQUIREMENTS TYPICAL FOR BOTH SIDES OF EXPANSION JOINT.

03 BUR SECTION DETAIL
3" = 1'-0"

EXPANSION JOINT WITH METAL COVER
B3010.50-1C



01 BUR SECTION DETAIL
3" = 1'-0"

RAISED PERIMETER EDGE W/ FASCIA CAP
B3010.50-1A

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ROOF DETAILS - BUR

Sheet

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