TREATED WOOD EQUIP, BASES AS REQUIRED – SET IN MASTIC

BITUTHENE VAPOR BARRIER TURN EDGES DOWN 3" ON TO MODIFIED BITUMEN & NAIL 8" O.C.

2 LAYERS OF 3/4" PLYWOOD

PRESSURE-TREATED FRAMING AS REQUIRED – SET DIRECTLY ON ROOF DECK (DO NOT SET CURB ON INSULATION)

MECHANICAL EQUIPMENT

16 OZ COPPER CAP, WELD CORNERS AND ANY CENTER SEAMS.

METAL SCREW AT 6" OC WITH RUBBER AND WASHER

COPPER COUNTER FLASHING – LAP ALL SEAMS 4"

MODIFIED BITUMEN BASE WITH BACKER PLY

NEW FIBER CANT STRIP – SET IN MASTIC OR MOPPED WITH ASPHALT

BALLAST

PERVERSIVE FABRIC

2' X 2' X 2' CONCRETE PAVER

EXTRUDED POLYSTYRENE INSULATION BOARD (2 LAYERS)

POLYETHYLENE BOND BREAKER ON PITCH MEMBRANE

EXISTING BUILT-UP MEMBRANE

5/8" GYP BOARD

METAL DECK

CUT OUT EXISTING ROOF AND INSULATION ONLY AS REQUIRED

2 x 2 x 1/4" L'S X 6" L. @ 18" OC

NOTES:
1. TOP OF CURB SHALL BE PITCHED FOR DRAINAGE.
   LEVEL EQUIPMENT BETWEEN 4x4 AND LEGS.
2. REFER TO INSTALLATION PROCEDURES.
3. PROVIDE PRESSURE TREATED FRAMING AS BRACING EVERY 18" O.C.
4. ALL LUMBER MUST BE WOLMANIZED.
5. SIZE CURB TO INCLUDE PIPE FLASHING BOX ON TOP OF CURB.

INSTALLATION PROCEDURE FOR ROOF CURB ON AN INVERTED COAL TAR ROOF SYSTEM

1. REMOVE BALLAST, FILTER FABRIC, & INSULATION, FOLD BACK SLIP SHEET.
   SAVE MATERIAL FOR REINSTALLATION LATER.
2. CUT OUT ROOF MEMBRANE, LEAVE VAPOR BARRIER AND SET CURB ON ROOF DECK.
3. FASTEN CURB TO DECK.
4. CUT MEMBRANE BACK 2" ON ALL SIDES OF CURB AND INSTALL BITUMEN DAM.
5. INSTALL 4' CANT STRIP, IF NECESSARY.
6. INSTALL 4 PLIES OF COAL TAR PITCH TYPE I AND 15# TAR SATURATED ORGANIC FELT. EXTEND EACH PLY AT LEAST 4"
FARTHER ONTO EXISTING ROOF THAN THE PRECEDING PLY.
7. INSTALL S.B.S WITH GRANULAR SURFACE FLASHING INCLUDING HOT POLYESTER
   BACKING PLY WITH TYPE III STEEP ASPHALT.
   COAT WITH COAL TAR PITCH AT BOTTOM OF FLASHING.
8. REINSTALL ITEMS REMOVED IN LINE 1.
9. LINE PERIMETER OF CURB WITH 2'x2'x2" PAVERS (6,500 PSI MINIMUM)
10. INSTALL COPPER CAP.

Typical Curb Detail