BASIC COMPONENTS OF COLD LIQUID-APPLIED ELASTOMERIC MEMBRANE WATERPROOFING SYSTEM WITH SEPARATE WEARING COURSE

SKETCH 1
Adhere the outer 4 inch of both sides of a 12-inch-wide elastomeric slip sheet to the concrete deck.

Flashing at cracks and nonmoving joints in the concrete.

Sketch 2
EXPANSION JOINT FLASHING

SKETCH 3
WALL FLASHING ON CONCRETE WALL

SKETCH 5
TERMINAL CONDITION WITH MASONRY ABOVE
FINISH WEARING SURFACE AT GRADE

EXTEND FLUID MEMBRANE
ABOVE WEARING SURFACE.
4 INCHES MINIMUM

MASONRY

WEEP HOLES

FINISHED WEARING
SURFACE AT GRADE

4 IN.
MINIMUM

3 IN. MINIMUM

METAL THROUGH-WALL AND
COUNTERFLASHING WITH
LAPPED AND SEALED JOINTS

JOINT FILLER

PROTECTION BOARD

CONCRETE SUBSTRATE

SKETCH 6
ELASTOMERIC SHEET. ADHERE A MINIMUM OF 4 INCHES TO BOTH THE VERTICAL AND HORIZONTAL SURFACES. LEAVE SHEET UNADHERED IN CORNER FOR 1 INCH ON EACH SURFACE. APPLY FLUID MEMBRANE OVER ELASTOMERIC SHEET.

WALL-DECK FLASHING

SKETCH 7
ELASTOMERIC SHEET ADHERED TO CONCRETE AND PIPE SLEEVE. LEAVE SHEET UNADHERED FOR 1 IN. OVER JOINT BETWEEN SLEEVE AND CONCRETE. APPLY FLUID MEMBRANE DIRECTLY OVER ELASTOMERIC SHEET

4 BOLT ANCHORS 4 IN. MINIMUM LENGTH

PIPE SLEEVE CAST IN CONCRETE

COUNTERFLASHING

WEARING SURFACE 4 IN.

SEALANT BACKING MATERIAL

SERVICE PIPE OR CONDUIT JOINT FILLER

ADHESIVE

3 IN. MIN.

6 IN.

1 IN. MIN.

PENETRATION FLASHING
ELASTOMERIC SHEET WITH EDGES ADHERED TO DRAIN FLANGE AND STRUCTURAL SLAB. LEAVE SHEET UNADHERED FOR 1 IN. OVER JOINT BETWEEN DRAIN AND SLAB. APPLY FLUID MEMBRANE DIRECTLY OVER ELASTOMERIC SHEET.