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

SKETCH 1
ADHERE THE OUTER 100 mm OF BOTH SIDES OF A 300 mm WIDE ELASTOMERIC SLIP SHEET TO THE CONCRETE DECK

FLASHING AT CRACKS AND NONMOVING JOINTS IN THE CONCRETE

SKETCH 2
JOINT FILLER

RIGID INSULATION WHERE REQUIRED

PROTECTION BOARD

SPONGE-RUBBER-BACKED PROTECTION MEMBRANE ATTACHED WITH ADHESIVE TO ELASTOMERIC SHEET

ELASTOMERIC SUPPORT GASKET

ELASTOMERIC SHEET

MONOLITHIC STRUCTURAL SLAB & CURB

DRAINAGE COURSE

FLUID-APPLIED MEMBRANE

150 mm MINIMUM

EXPANSION JOINT FLASHING

SKETCH 3
WEARING COURSE

CONCRETE PROTECTION SLAB

SPONGE-RUBBER-BACKED PROTECTION MEMBRANE ATTACHED WITH ADHESIVE TO ELASTOMERIC SHEET

DRAINAGE COURSE

JOINT FILLER

100 mm

ELASTOMERIC SUPPORT GASKET

GALVANIZED SHEET METAL OR ALUMINUM GASKET RETAINER

ELASTOMERIC SHEET

150 mm

MINIMUM FLUID-APPLIED MEMBRANE

MONOLITHIC STRUCTURAL SLAB AND CURB

EXPANSION JOINT FLASHING AT WALL

SKETCH 4

UFGS 07 14 00
METRIC
WALL FLASHING ON CONCRETE WALL

SKETCH 5
EXTEND FLUID MEMBRANE ABOVE WEARING SURFACE.
100 mm MINIMUM

METAL THROUGH-WALL AND COUNTERFLASHING WITH LAPPED AND SEALED JOINTS

100 mm MINIMUM
75 mm MINIMUM

JOINT FILLER
PROTECTION BOARD
CONCRETE SUBSTRATE

TERMINAL CONDITION WITH MASONRY ABOVE
FINISH WEARING SURFACE AT GRADE

SKETCH 6
Elastomeric sheet. Adhere a minimum of 100 mm to both the vertical and horizontal surfaces. Leave sheet unadhered in corner for 25 mm on each surface. Apply fluid membrane over elastomeric shee.
COUNTERFLASHING

WEARING SURFACE

ELASTOMERIC SHEET ADHERED TO CONCRETE AND PIPE SLEEVE. LEAVE SHEET UNADHERED FOR 25 mm OVER JOINT BETWEEN SLEEVE AND CONCRETE. APPLY FLUID MEMBRANE DIRECTLY OVER ELASTOMERIC SHEET

SEALANT
BACKING MATERIAL
SERVICE PIPE OR CONDUIT
JOINT FILLER
ADHESIVE

75 mm MIN.
150 mm

25 mm MIN.

4 BOLT ANCHORS 100 mm MINIMUM LENGTH

PIPE SLEEVE CAST IN CONCRETE

PENETRATION FLASHING

SKETCH 8
DRAIN FLASHING

SKETCH 9