STAINLESS STEEL SLEEVE TO BE ATTACHED TO TOP OF CONCRETE RISER WITH (2) 1/4"x1/2" STRIPS OF BUTYL TAPE SEALANT ALL AROUND.

ROLLED 20 GA. STAINLESS STEEL SLEEVE WITH 3" TOP FLANGE BEARING ON TOP OF PRECAST RISERS. DEPTH OF SLEEVE TO MATCH DEPTH OF RISER AND ROOF PLUS 1 1/2" DRIP EDGE. PROVIDE HEMMED EDGE ON BOTTOM OF SLEEVE. TACK WELD AND SEAL VERTICAL SEAM IN SLEEVE AFTER INSTALLATION. FIELD MEASURE DIMENSIONS PRIOR TO FABRICATION.

FINISHED ASPHALT SURFACE

BITUTHENE MEMBRANE CONTINUOUS PART WAY UP MANHOLE COVER FRAME

RISER AND MANHOLE SET IN MORTAR BED

BITUTHENE MEMBRANE - APPLY TO ROOF AND TOP 18" OF EACH EXTERNAL WALL FACE

VAULT CONCRETE ROOF

ROOF SLAB SET IN MORTAR BED

CONCRETE VAULT WALL BELOW

TYPICAL DETAIL AT RISER AND MANHOLE

NO SCALE

DETAIL 4.3.1
4/30/2009

DESIGN and CONSTRUCTION STANDARDS
PLANNING, DESIGN and CONSTRUCTION: CORNELL UNIVERSITY

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