

CONFORMS TO:

- WASHINGTON STATE APWA/WSDOT (STANDARD SPECIFICATIONS)
- MEETS H-20 REQUIREMENTS
- ASTM C478 MANHOLES
- ASTM C443 RUBBER GASKET JOINTS
- ASTM C-33 AND C-150 28 DAY COMPRESSIVE STRENGTH $F'c = 4000\text{PSI}$

REINFORCING:

- TOP SLAB #5 DEFORMED REBAR AROUND OPENING DIAGONALLY ON BOTH SIDES OF OPENING AT 6" O.C. IN BOTH DIRECTIONS
- CIRCUMFERENTIAL WALL: MINIMUM 0.23 IN.² SQ./LINEAR FT.
- BASE: 0.39 IN.² SQ./LINEAR FT. IN BOTH DIRECTIONS; MINIMUM YIELD STRENGTH = 60,000PSI

HOLE DIMENSIONS

- STANDARD BASE: BANK-CORE DRILL AS NEEDED PER CUSTOMER REQUIREMENTS
- MAXIMUM HOLE DIAMETER IS 84"
- 12" MINIMUM DISTANCE BETWEEN HOLES

STRUCTURE DIMENSIONS

- INSIDE DIAMETER: 84"
- OUTSIDE DIAMETER: 100"
- WALL THICKNESS: 8"
- BASE THICKNESS: 12"

STEPS AND LADDERS

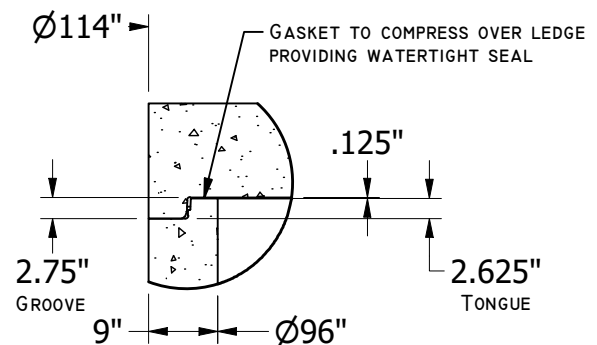
- MEET ASTM C478
- STEPS PLACED VERTICALLY 12" O.C.
- LADDER PROVIDED WITH BASE

WEIGHTS

- 96" BASE SLAB: 12250 LB
- 96" SECTION: 3100 LB/FT
- FLAT SLAB LID: 10800 LB
- 48" X 2' ECC. CONE: 2200 LB
- 24" ADJUSTMENT RING: 80 LB PER 2 INCHES
- 96" TO 48" REDUCING SLAB: 7500 LB

OPTIONS

- KOR-N-SEAL RUBBER BOOTS
- PRE-CHANNELED BASES
- COATINGS PER DISTRICT REQUIREMENTS



JOINT DETAIL