



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 = 4000PSI

REINFORCING:

- TOP SLAB #5 DEFORMED REBAR AROUND OPENING DIAGONALLY ON BOTH SIDES OF OPENING AT 6" O.C. IN BOTH DIRECTIONS
- CIRCUMFERENTIAL WALL: MINIMUM 0.15 IN.²/LINEAR FT.
- BASE: 0.19 IN.²/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 48"
- 8" MINIMUM DISTANCE BETWEEN HOLES

STEPS AND LADDERS

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

STRUCTURE DIMENSIONS

- INSIDE DIAMETER: 60"
- OUTSIDE DIAMETER: 72"
- WALL THICKNESS: 6"
- BASE THICKNESS: 8"

WEIGHTS

- 10 1/2" X 60" BASE SLAB: 4550 LB
- 5' X 60" BASE: 9550 LB
- 1' X 60" SECTION: 1650 LB
- 2' X 60" SECTION: 2950 LB
- 3' X 60" SECTION: 4250 LB
- 4' X 60" SECTION: 5550 LB
- 5' X 60" SECTION: 6850 LB
- 11" X 72" FLAT SLAB: 3700 LB
- 60" TO 24" X 2' ECC. CONE: 2100 LB
- 24" ADJUSTMENT RISER: 80 LB PER 2 INCHES

OPTIONS

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