

## 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  $0.15 \text{ IN.}^2/\text{LINEAR FT.}$
- BASE:  $0.19 \text{ IN.}^2/\text{LINEAR FT.}$  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

## STRUCTURE DIMENSIONS

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

## STEPS AND LADDERS

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

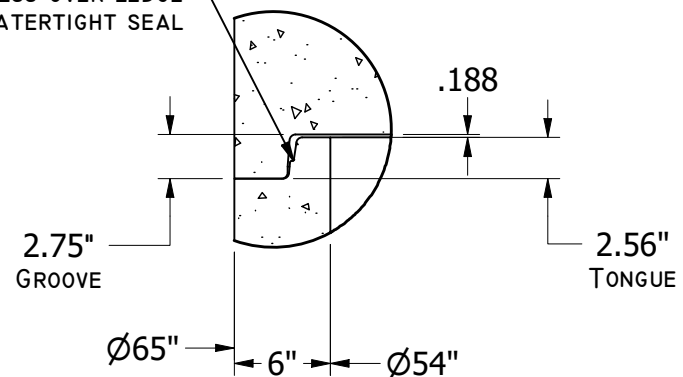
## WEIGHTS

- 60" BASE SLAB: 3550 LB
- 60" x 5' BASE: 9450 LB
- 60" SECTIONS: 1300 LB/FT
- FLAT SLAB LID: 2800 LB
- 60" ECCENTRIC CONE: 2500 LB
- 24" ADJUSTMENT RISER: 80 LB PER 2 INCHES

## OPTIONS

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

GASKET TO COMPRESS OVER LEDGE PROVIDING A WATERTIGHT SEAL



## JOINT DETAIL