



CONCENTRIC ELEVATION

ECCENTRIC SECTION

**LEGEND**

- A BOLT LOCKING MANHOLE RING AND COVER PER DETAIL D-22.
- B CONCRETE GRADE RINGS AS NEEDED TO MATCH FINISHED GRADE PER DETAIL D-23.
- C CONCRETE TOP SLAB FOR TYPE 2 CATCH BASIN, BEARS ON CONCRETE COLLAR.
- D CMP RISER: 10 GAUGE HELICAL OR ANNULAR CORRUGATED METAL PIPE, DIAMETER TO MATCH DETENTION PIPE.
- E CORRUGATED METAL STUBS AND DETENTION PIPE TO BE SAME GAUGE. STUB LENGTHS TO BE 12" MIN.
- F CONCRETE COLLAR CL 3000.
- G STEEL BOTTOM: 8 GAUGE BOTTOM PLATE WELDED TO RISER

**NOTES:**

1. ALL METAL PARTS AND SURFACES MUST BE MADE OF CORROSION RESISTANT MATERIAL. PIPES SHALL BE ASPHALT COATED TREATMENT #1, GALVANIZED STEEL OR ALUMINIZED STEEL.
2. NOT FOR USE IN ROADWAYS, DRIVEWAYS, AND OTHER VEHICULAR TRAFFIC AREAS.
3. FOR USE IN DETENTION PIPES ONLY.
4. APPLY NON-SHRINK GROUT TO INSIDE AND OUTSIDE OF ALL JOINTS, RISERS, RINGS, AND FRAMES.



City of  
Bellevue

STORM AND SURFACE  
WATER UTILITY

TITLE

CORRUGATED METAL MANHOLE