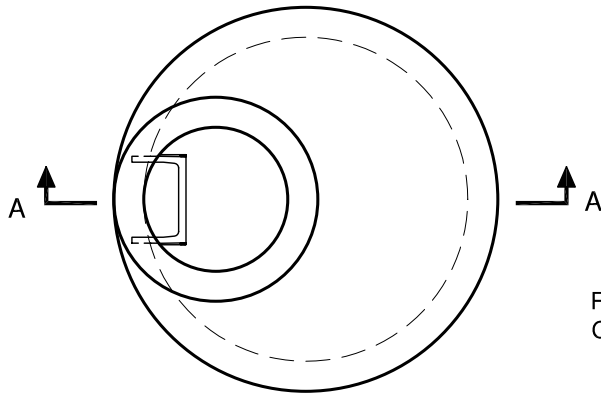
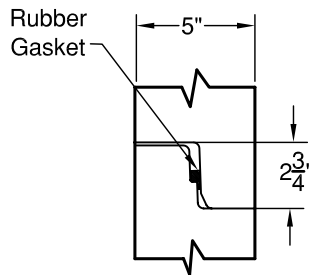
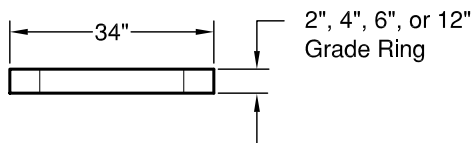


# 54" Manhole

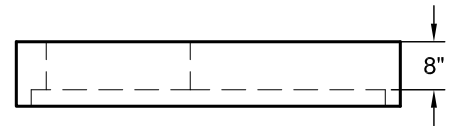
Meets or Exceeds WSDOT Std Plan B-15.20-00  
 Manholes Constructed in Accordance with ASTM C-478  
 Rubber Gasket Conforms to ASTM C-443  
 Polypropylene MH Steps Conform to ASTM C-478



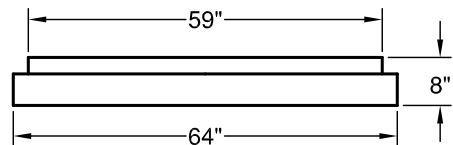
**PLAN VIEW**



**JOINT DETAIL**



**TOP SLAB**



**BASE SLAB**

**WEIGHTS:**

- CONE: 2' - 1,840 lbs
- TOP SLAB: 8" - 1,940 lbs
- RISER: 1' - 960 lbs
- 2' - 1,900 lbs
- 3' - 2,900 lbs
- 4' - 3,800 lbs
- 5' - 4,700 lbs
- 6' - 5,800 lbs
- BASE: 2' - 4,060 lbs
- 3' - 4,960 lbs
- 4' - 5,860 lbs
- 5' - 6,760 lbs
- BASE SLAB: 8" - 2,560 lbs

**CONCRETE:**

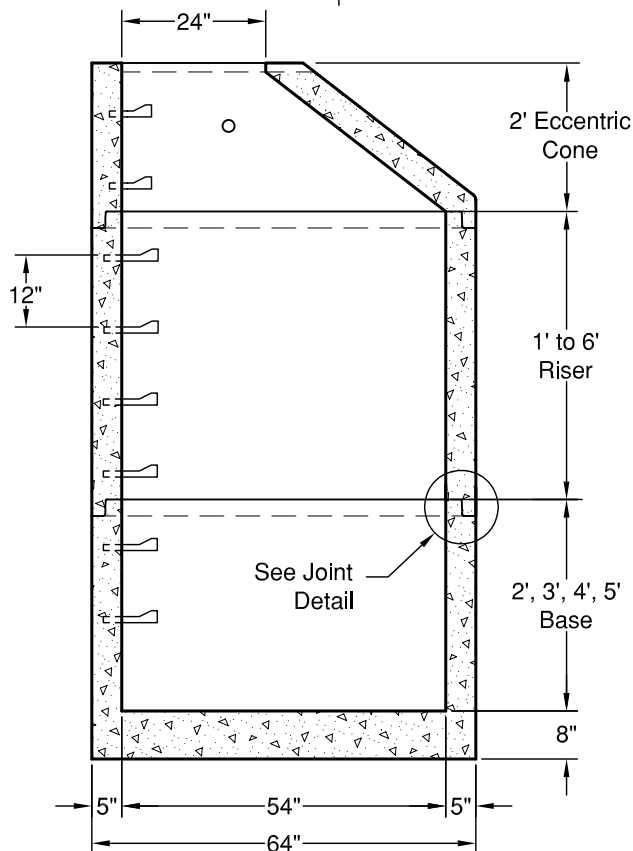
F<sub>c</sub> = 4,000 psi @ 28 Days

**REINFORCING STEEL:**

- Welded Wire Fabric: ASTM A497
- Rebar: ASTM A615 Grade 60
- Top Slab: 0.40 Sq in./ft e.w. min.
- Riser: 0.19 Sq in./lin ft min.
- Base Slab: 0.19 Sq in./ft e.w. min.

**PIPE PENETRATIONS:**

- Maximum Hole Size: 42"
- Minimum Distance Hole to Hole: 8"
- Holes Cored to Plan Specifications
- Kor-N-Seal Connectors Available
- Standard Knockouts Available



**SECTION AA**

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