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|------------------------|---|
| Cast-in-Place concrete |  |
| Precast concrete |  |
| 1: 2 cement mortar |  |
| Sewer pipe |  |



1. Minimum length if laterals or connections are inserted: outside diameter of pipe + 17".
2. Use Section B-B when length of riser becomes less than minimum shown.
3. Base may be precast or cast-in-place.
4. All precast products shall conform to the requirements of ASTM C478.
5. See Std. Dwg. RD336 for details not shown.
6. See Std. Dwg. RD344 for manhole base section.
7. See Std. Dwg. RD345 for pipe to manhole connections.
8. See Std. Dwg. RD356 for manhole covers and frames.
9. All concrete shall be commercial grade concrete.
10. Max. pipe diameter varies with pipe material.
11. Location, elevation, diameter, slope, and number of pipe(s) varies, see project plans.

All materials shall be in accordance with the current Oregon Standard Specifications.

SHALLOW MANHOLES

2024

DATE		REVISION DESCRIPTION	

CALC. BOOK NO.	N/A	SDR DATE	21-JUL-2015	RD342
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