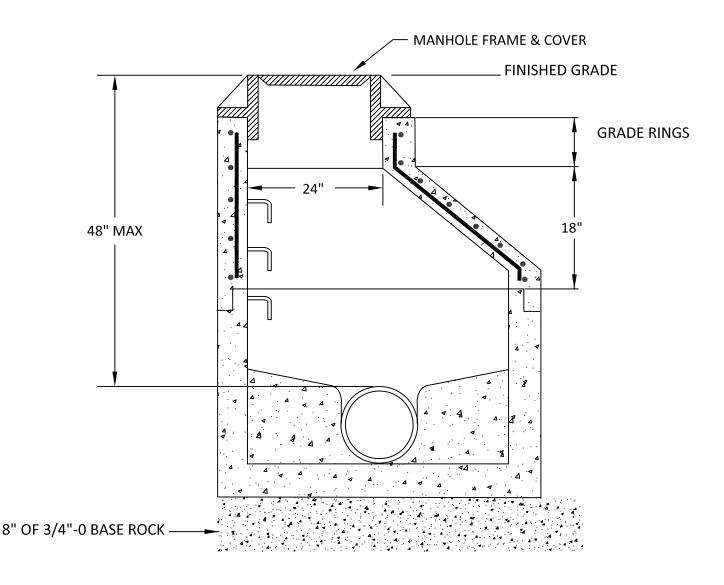
This Detail Drawing may not be altered or changed in any manner except by the City Engineer. It is the responsibility of the user to acquire the most current version.



## **NOTES:**

- 1. INSTALL SHALLOW MANHOLES ONLY WHERE THE DISTANCE BETWEEN THE TOP OF THE PIPE AND THE MANHOLE COVER IS LESS THAN 4 FEET.
- INSTALL MANHOLE IN ACCORDANCE WITH DETAIL NO. S-2005 EXCEPT AS MODIFIED HEREIN.
- 3. SEWER MANHOLE TO BE PREFORMED RUBBER O-RING GASKET DESIGN ONLY. ALL MANHOLES SHALL CONFORM WITH ASTM C-478.
- 4. ALL REINFORCEMENT SHALL BE GRADE 60.
- 5. GRADE RINGS AND CONE SECTION SHALL BE DESIGNED TO WITHSTAND AASHTO H-20 LOADINGS.

Shallow Manhole			CITY OF	
DRAWING NUMBER: S-2025	DRAWN BY: SR	SCALE: N.T.S.	WILSONVILLE	<b>W</b>
FILE NAME: S-2025.DWG	APPROVED BY: NK	DATE: 6/4/14	PUBLIC WORKS STANDARDS	