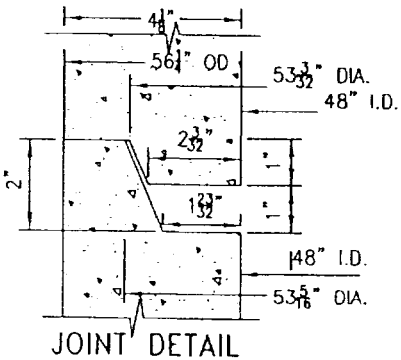
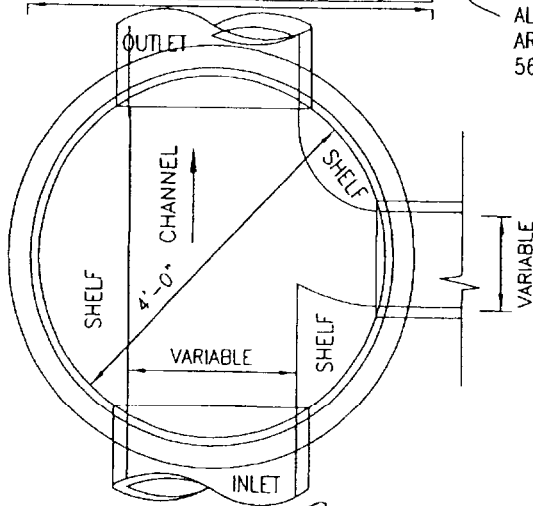


SECTION OF TOP RINGS (PRE-CAST R.C.)

ALL MANHOLE BOTTOMS ARE POUR IN PLACE USING 560-C-3250 CONCRETE



APPROVED BY: *Ricardo Sandoval* 10.18.06
 CITY ENGINEER DATE
RICARDO SANDOVAL
 REVIEWED BY: *[Signature]*
 REVISION NUMBER: _____

| | |
|--|------------|
| CITY OF FONTANA | |
| STANDARD CAST IN PLACE MANHOLE FOR SEWER | |
| STD. PLAN NO. 2001 | SHT 1 OF 2 |

07/10/06

NOTES:

1. SEE STANDARD DETAILS NOS. 2002 & 2007 FOR DROP & TYPICAL SEWER MANHOLE BASES DETAILS.
2. ECCENTRIC CONE MAY BE USED IN LIEU OF CONCENTRIC CONES.
3. THE LOWEST MANHOLE STEP SHALL BE PLACED NOT LESS THAN 16", NOT MORE THAN 24" ABOVE SHELF.
4. THE UPPER MANHOLE STEP SHALL BE PLACED BETWEEN THE TOP OF THE MANHOLE AND THE MANHOLE COVER FRAME AND SHALL PROJECT NOT MORE THAN 3" INSIDE MANHOLE.
5. ALL JOINTS SHALL BE MORTARED.
6. 3/4" DIAMETER GALVANIZED IRON STEP OR PLASTIC STEPS PER ASTM A-82, ASTM C-478, ASTM TYPE II GRADE 43758.



APPROVED BY:

Ricardo Sandoval
 CITY ENGINEER
RICARDO SANDOVAL

10-18-06
 DATE

REVIEWED BY: *Db*

REVISION NUMBER: _____

CITY OF FONTANA

STANDARD CAST
 IN PLACE MANHOLE
 FOR SEWER

07/10/06

STD. PLAN NO. **2001**

SHT 2 OF 2