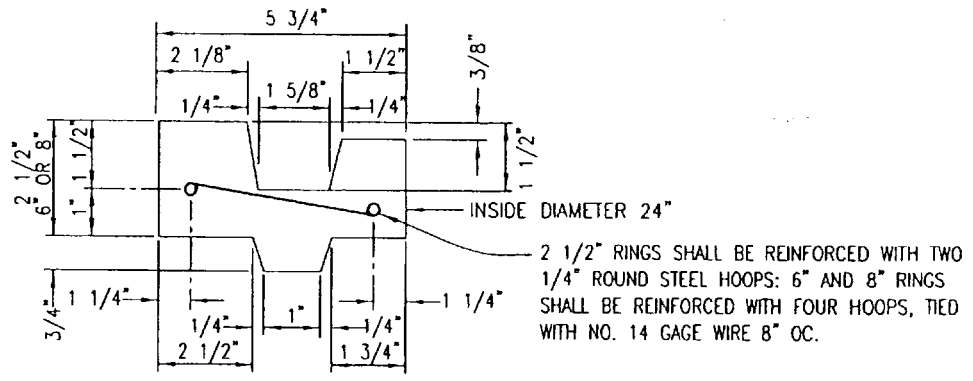
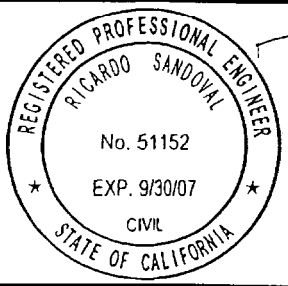


VERTICAL SECTION OF PLAIN CONCRETE ECCENTRIC MANHOLE SHAFT

VERTICAL SECTION OF REINFORCED CONCRETE ECCENTRIC MANHOLE SHAFT



CROSS SECTION OF REINFORCED CONCRETE RING



APPROVED BY: *Ricardo Sandoval*

CITY ENGINEER DATE 10.18.06

RICARDO SANDOVAL

REVIEWED BY: *DS*

REVISION NUMBER: _____

CITY OF FONTANA

MANHOLE SHAFT WITH ECCENTRIC REDUCER


07/10/06

STD. PLAN NO. **3014** SHT 1 OF 2

NOTES

1. UNLESS OTHERWISE INDICATED THIS STRUCTURE SHALL CONFORM TO ASTM C 478 AND ALL CONCRETE SHALL BE PER SSPWC.
2. MANHOLE FRAME AND COVER SHALL CONFORM TO STANDARD PLAN 3019.
3. ALL JOINTS SHALL BE SEALED BY FILLING THE ANNULAR SPACES WITH CLASS C MORTAR. WITH CLASS C MORTAR. THE INSIDE OF THE SHAFT AT EACH JOINT SHALL BE WIPED CLEAN OF EXCESS MORTAR.
4. PROTECTIVE PLASTIC LINER (T LOCK) OR ENGINEER-APPROVED COATINGS WHERE REQUIRED BY THE PROJECT DRAWINGS SHALL BE IN ACCORDANCE WITH SSPWC AND THE MANUFACTURER'S DIRECTIONS.
5. STEPS SHALL CONFORM TO STANDARD PLAN 3024. THE TOP STEP SHALL BE PLACED DIRECTLY BENEATH THE MANHOLE FRAME. UNLESS OTHERWISE SHOWN. STEPS SHALL BE SPACED 14" TO 15" OC.
6. THE ECCENTRIC MANHOLE SHAFT REDUCER AND RINGS MAY BE PLAIN CONCRTE. FOR PLAIN CONCRETE SECTIONS THE MINIMUM THICKNESS SHALL BE 6".
7. THE PRECAST CONCRETE MANHOLE STRUCTURES WILL BE INSPECTED BY THE ENGINEER WHO WILL INDICATE ACCEPTANCE FOR SHIPMENT TO THE JOB BY MARKING THE STRUCTURE WITH THE AGENCY'S STAMP.
8. THE VERTICAL SIDES OF THE MANHOLE SHAFT AND THE ECCENTRIC REDUCER SHALL BE LOCATED ABOVE AND IN LINE WITH THE SIDE OF THE STORM DRAIN CONDUIT.
9. DIMENSIONS SHOWN ON THIS PLAN ARE NOT EXACT EQUAL VALUES.

THE FOLLOWING STANDARD PLANS ARE INCORPORATED HEREIN:
 3019 24" MANHOLE FRAME AND COVER
 3024 STEEL STEP

 <p>APPROVED BY: <i>Ricardo Sandoval</i> 10-18-06 CITY ENGINEER DATE RICARDO SANDOVAL REVIEWED BY: <i>JG</i> REVISION NUMBER: _____</p>	CITY OF FONTANA
	MANHOLE SHAFT WITH ECCENTRIC REDUCER
	07/10/06
STD. PLAN NO. 3014 SHT 2 OF 2	