

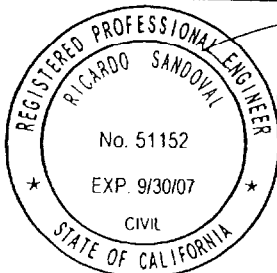


NOTES

1. UNLESS OTHERWISE INDICATED, THIS STRUCTURE SHALL CONFORM TO ASTM C 478. ALL STEEL SHALL TERMINATE 1 1/2" CLEAR OF CONCRETE SURFACES AND ALL CONCRETE SHALL BE PER SSPWC.
2. WHERE A 36" MANHOLE IS CONSTRUCTED WITH 36" MANHOLE RCP, THE RCP SECTION SHALL CONTAIN A CIRCULAR CAGE AND HAVE A LOAD CARRYING CAPACITY OF AT LEAST 1000D. SPECIAL MANHOLE SHAFT SHALL BE PER THIS STANDARD AND 36" MANHOLE FRAME AND COVER SHALL BE PER STANDARD PLAN 3041.
3. THE MANHOLE SHAFT AND RINGS MAY BE PLAIN CONCRETE. FOR PLAIN CONCRETE SECTIONS THE MINIMUM THICKNESS SHALL BE 6".
4. ALL JOINTS SHALL BE SEALED BY FILLING THE ANNULAR SPACED WITH CLASS C MORTAR. THE INSIDE OF THE SHAFT AT EACH JOINT SHALL BE WIPED CLEAN OF EXCESS MORTAR.
5. 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.
6. STEPS SHALL CONFORM TO STANDARD PLAN 3024. THE TOP STEP SHALL BE PLACED 6" BENEATH THE MANHOLE COVER FRAME. UNLESS OTHERWISE SHOWN, STEPS SHALL BE UNIFORMLY SPACED 14" TO 15" OC.
7. THE PRECAST CONCRETE MANHOLE STRUCTURES WILL BE INSPECTED BY THE ENGINEER WHO WILL INDICATE ACCEPTANCE FOR SHIPMENT TO THE JOB BY MARKING THE STRUCTURES WITH THE AGENCY'S STAMP.
8. THE VERTICAL SIDES OF THE MANHOLE SHAFT 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:

- 3023 36" MANHOLE FRAME AND COVER
- 3024 STEEL STEP



APPROVED BY: *Ricardo Sandoval* 10-18-06  
 CITY ENGINEER DATE  
**RICARDO SANDOVAL**  
 REVIEWED BY: *[Signature]*  
 DATE OF LAST REVISION: \_\_\_\_\_

CITY OF FONTANA

MANHOLE SHAFT 36"  
 WITHOUT REDUCER

07/10/06

STD. PLAN NO. 3015 SHT 2 OF 2