



GENERAL NOTES:

1. DROP MANHOLES MAY ONLY BE USED BY SPECIAL PERMISSION BY CITY. (THEN ONLY IN THE CASE OF VERY DEEP SEWER MAINS).
2. SEWER PIPE MATERIAL SHALL MATCH INCOMING CONNECTOR PIPELINE MATERIAL, UNLESS OTHERWISE APPROVED BY THE UTILITIES DEPARTMENT.
3. FOR MANHOLE BASE AND OTHER PERTINENT CONSTRUCTION DETAILS, REFER TO STD 400.
4. 60" MANHOLE FOR DEPTH OF 15' OR DEEPER. (REQUIRES LARGER RINGS & 30" MANHOLE COVER).
5. VCP SHALL BE HIGH STRENGTH.

CONSTRUCTION NOTES:

- ① 8" VCP (OR SDR-35 PVC) SEWER PIPE.
- ② 8"x8" VCP (OR SDR-35 PVC) CROSS, BELL X BELL.
- ③ 8" RUBBER MECHANICAL BANDED SEAL COUPLING; STAINLESS STEEL BANDS; MISSION CLAY ADJUSTABLE REPAIR COUPLING (TYPE 2) OR CITY-APPROVED EQUAL.
- ④ 8" VCP (OR SDR-35 PVC) LONG RADIUS 90° BEND, BELL X SPIGOT END.
- ⑤ VALVE BOX COVER PER APPLICABLE PORTIONS OF STD 513 WITH COVER MARKED "SEWER". ALHAMBRA FOUNDRY A-1244.
- ⑥ MANHOLE FRAME AND COVER PER STD 318.
- ⑦ 24" DIAMETER GRADE RINGS AS IN STD 400.
- ⑧ 48"x24" OR 60"x30" ECCENTRIC MANHOLE CONE.
- ⑨ 48" OR 60" DIAMETER MANHOLE SECTION; PRECAST REINFORCED CONCRETE, HEIGHT AS REQUIRED.
- ⑩ POURED-IN-PLACE CONCRETE MANHOLE BASE SECTION. REFER TO STD 400.

FORMER CITY STANDARD PLAN NUMBER (2004 EDITION): STD 403-L

APP.	51568 RCE	11/24/2020 DATE	
CITY ENGINEER	RCE	DATE	

NO.	DATE	DESCRIPTION OF REVISIONS

CITY OF NEWPORT BEACH DEPARTMENT OF PUBLIC WORKS

DRAWN: P. KHARAZMI	<h1 style="margin: 0;">DROP MANHOLE</h1>	STANDARD DRAWING NO. <h2 style="margin: 0;">403</h2> SHEET 1 OF 1
DATE: 11/3/2020		