



CONSTRUCTION NOTES:

- ① 8" SDR-35 PVC sewer pipe.
 - ② 8"x 8" SDR-35 PVC cross, bell x bell.
 - ③ 8" Rubber mechanical banded seal coupling; stainless steel bands; Fernco or City approved equivalent.
 - ④ 8" SDR-35 PVC Long radius 90° bend, bell x spigot end.
 - ⑤ Valve box cover per applicable portions of STD-511-L with cover marked "Sewer." Alhambra Foundry A-1244.
- ⑥ Manhole frame and cover per STD-112-L or STD-114-L.
 - ⑦ 24" diameter grade rings as in STD-401-L.
 - ⑧ 48"x 24" or 60"x 24" 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 -401-L.
 - ⑪ Install steps per STD-404-L.

GENERAL NOTES:

- 1. Drop manholes may only be used by special permission of the Utilities Department. (Then only in the case of very deep sewer mains.)
- 2. For manhole base and other pertinent construction details refer to STD-401-L.
- 3. 60" Manhole for depth of 15' or deeper.

CITY OF NEWPORT BEACH
PUBLIC WORKS DEPARTMENT

DROP MANHOLE

APPROVED:	
RCE NO. 36106	PUBLIC WORKS DIRECTOR
Drawn: M. Elias	Scale: N.T.S.
Date: Jan. 2004	<small>F:\USERS\PBW\Shared\CAD\STD\STD Details\2003_Std\STD Sewer</small>
DRAWING NO.	STD-403-L