Chisel "S" on face of concrete curb over lateral. 3" high letter. ¼" deep.

Curb & gutter

Sidewalk (or alley surface)

Finished street surface

Riser, Caulder or Fernco coupling & stopper to be installed 6" below finshed grade.

₵ MAIN LINE SEWER

Minimum Slope: ¼" per linear foot or 2.00%

45°

Sewer lateral connection per STD-405-L

SPECIAL NOTE: Under no circumstances shall ABS pipe or fittings be allowed! All sewer laterals shall be inspected by the Utilities Dept. and be replaced if necessary to meet current city standards.

CONSTRUCTION NOTES:

① Install sewer cleanout cover per applicable portions of STD-511-L. Triangular cover with "S" on top.

② 4" (or 6") SDR-35 PVC sewer pipe with gasketed, integral bell and spigot joints.

③ 4" (or 6") SDR-35 PVC 45° bend.

④ 4"x 4" (or 6"x 6") SDR-35 PVC wye branch fitting.

⑤ 4" (or 6") ABS stopper (where laterals are stubbed)

⑥ 4" (or 6") short piece, SDR-35 PVC, 6" long.

⑦ 4" (or 6") rubber mechanical banded seal clamp. Fernco or City approved equal.

⑧ 4" (or 6") private sewer pipe.

⑨ 8"x 4" (or 6") wye branch fitting. SDR-35 PVC.

⑩ Install ABS stopper in rubber coupling. Use Mission Clay Products stopper or approved equal.

⑪ Sidewalk replacement shall be in full panel.

GENERAL NOTES:

1. For slope less than ¼" per foot a 6" lateral shall be used with a minimum slope = ⅛" per foot.

2. A cleanout shall be installed on all sewer lateral connections.

3. Cleanout shall be installed at property line.

4. Sewer cleanout covers shall be Brooks products No. 4TT or J.&R. No. 4T marked sewer.

5. Cleanout covers placed in sidewalks may be Brooks Products No.1 -RB and No.1-R (concrete cover) or J.&R. No. 1-R by special permission only.

6. Sewer cleanout riser pipe material shall be SDR-35 PVC except where existing sewer main is VCP in which case VCP pipe and fittings shall be used.

7. PVC shall be SDR-35 per ASTM 3034.

8. PVC pipe and fittings shall be bedded with ¾" crushed rock material. In areas of ground water or tide water ⅜" crushed rock.

9. Where VCP materials are used, bedding shall be standard.

10. Single family residences shall be 4" diameter all others shall be 6".

11. Saddle type connections to sewer mains are prohibited, except by special permission from the Utilities Superintendent. (Then only on old concrete mains with heavy flows.)

12. Glue or solvent joints are prohibited.

CITY OF NEWPORT BEACH PUBLIC WORKS DEPARTMENT SEWER LATERAL WITH CLEANOUT	APPROVED:	
	RCE NO. 36106	PUBLIC WORKS DIRECTOR
	Drawn: M. Elias	Scale: N.T.S.
	Date: Jan. 2004	F:\USERS\PBW\Shared\CAD_STD\ STD Details\2003_Std\STD Sewer\
	DRAWING NO.	STD-406-L