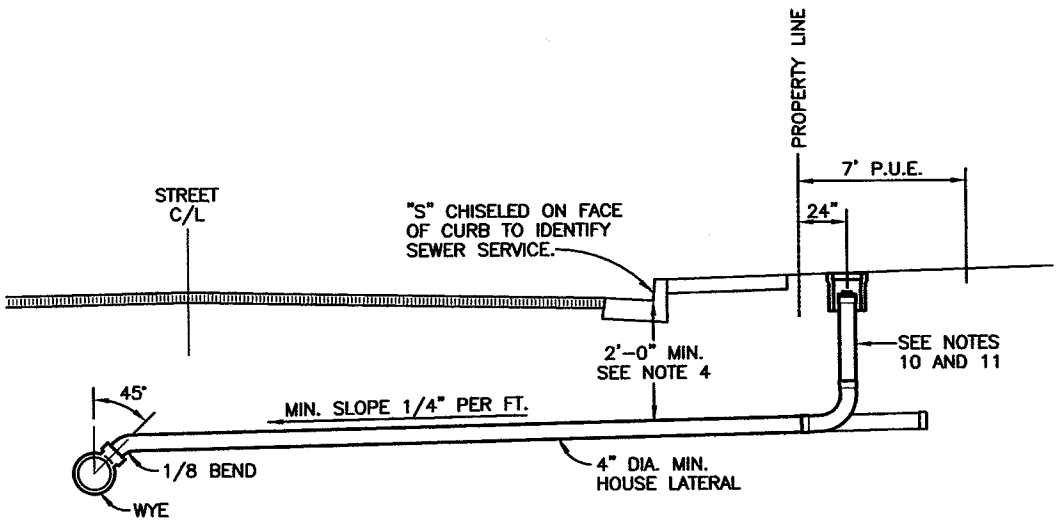

NOTES:

1. All house laterals shall be a 4" minimum diameter unless otherwise noted. Except as otherwise noted below, house laterals shall be ASTM D3034-00 (SDR-35).
2. Laterals shall have same bedding and backfill as sewer main (see Sheets T-1 through T-3).
3. Sewer services shall have minimum 2' cover at property line whenever lateral depth and service slope of 1/4" per foot (min.) permit.
4. When the sewer lateral does not meet a minimum 2' cover at gutter flowline, it must either be encased in concrete per details on Sheet W-1 (Case II, Zone D), or pipe material must be Ductile Iron Pipe Class 50 within the traveled way.
5. Well compacted bedding material shall be placed under the wye branch, the fitting, and unsupported pipe. Additional bedding material shall be placed to top of bend, the full width of the trench.
6. Miter fittings shall not be used.
7. See details of special construction for water, sewer crossings.
8. Sewer laterals which cannot be installed under water main shall be constructed with a minimum 18' section of either Class 50 D.I.P. or C900/Class 200 PVC centered over the water main.
9. See Merced Municipal Code Section 15.08.180 for information relating to owner's liability for sewer lateral.
10. The lateral shall be installed at a minimum slope of 1/4" per foot. A 90° sweep shall be installed 2 feet behind the property line. The vertical line shall have a threaded cleanout plug and terminate into a Christy V1 Drain box (or equal), which shall be flush with the surface.
11. When the lateral is connected, the cleanout cap shall be removed, and an approved backflow prevention device shall be installed in it's place, if required by Section 710.1 of the Uniform Plumbing Code.
12. Water service and sewer lateral shall have a 10-foot separation within the public right-of-way.

ENGINEERING DEPARTMENT		CITY OF MERCED, CA.
SEWER LATERAL		S-7
DRAWN: KGE	APPROVED BY: David L. Fuchs	DATE: 3/17/08
DATE: 1/02	CITY ENGINEER	SHEET OF
REVISED: 3/17/08		