

WASTEWATER REVIEW

MINIMUM REQUIREMENTS FOR PUBLIC IMPROVEMENT DRAWINGS FOR THE INSTALLATION OF A STANDARD PUBLIC 4" PVC SEWER LATERAL

A Standard Public Sewer Lateral, is one which is installed in the Public Right-of-Way, and extends perpendicular from the Public Sewer Main, directly to the Property Line of the lot being served. The Public Sewer Lateral shall be located out of driveways and a minimum of ten (10) feet from trees. The Public Sewer Lateral shall be a minimum of five (5) feet downhill from the water service.

Any other Sewer Lateral installation shall be private and requires an Encroachment Maintenance and Removal Agreement. The following are some examples of a Private Sewer Lateral:

A Sewer Lateral which is located under a Driveway.

A Sewer Lateral which is located in a Sewer, Water, or General Utility Easement.

A Sewer Lateral which is located less than ten (10) feet from a tree.

A Sewer Lateral which is not installed perpendicular to the Public Sewer Main and/or has bends or turns in it between the Public Sewer Main and the Property Line.

The following minimum information is required on all Public Improvement Plan regardless of whether the proposed Sewer Lateral is Public or Private.

1. Show all existing Sewer Mains in Public Right-of-Way and any existing Sewer Lateral(s) to the property including size and type of mains and City Drawing Number on Plans, Typical all Sheets.
2. Provide City Drawing Numbers for all existing Sewer Mains with Centerline Dimensions and size and type of mains, Typical all Sheets.
3. Note on Improvement Plans: All existing unused Sewer Laterals shall be plugged at property line by Contractor.
4. If Private: Submit an Encroachment Maintenance and Removal Agreement (EMRA) for all Private Sewer Laterals located within the Sewer, Water, General Utility Easement, or Public Right-of-Way.

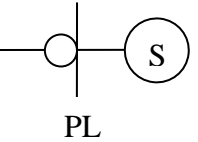
Label Sewer Lateral(s) "PRIVATE" and add note to plans

FOR PRIVATE 4" PVC SEWER LATERAL(S) LOCATED
WITHIN THE PUBLIC SEWER/PUBLIC WATER/GENERAL
UTILITY EASEMENT AND/OR PUBLIC RIGHT-of-WAY SEE
ENCROACHMENT MAINTENANCE AND REMOVAL
AGREEMENT No. [#####-#] (the number will be issued at time of
application)

5. Provide two sets of Encroachment Maintenance and Removal Agreement (EMRA) documents for Wastewater Review with your Public Improvement Plans.
6. Provide The following Sewer Notes, as applicable:
 - Note 1. Each lot shall receive a 4-inch sewer house connection, unless otherwise indicated on the plans or special specifications. Location to be determined in the field by the engineer of work. The "As-Build" locations shall be shown on these plans and the sewer lateral table completed prior to acceptance of the water and sewer facilities.
 - Note 2. Locate sewer house connections out of driveways and a minimum ten feet from trees. The sewer house connections shall be a minimum of 5 feet downhill from the water service.

- Note 3. All horizontal and vertical separation dimensions shown between water and sewer mains shall be measured from the nearest edge of each pipeline per State of California, Department of Health Services, Basic Separation Standards.
- Note 4. All proposed public sewer facility installations shall be constructed with materials currently listed in the most current edition of the City of San Diego Water and Municipal Sewer Approved Materials List as referenced in the Standard Specifications for Public Works Construction.
- Note 5. All private sewer shown shall be installed under separate plumbing permit issued by the city of San Diego. (add this note only if sewer lateral is private)
- Note 6. No Trees or Shrubs greater than 3 feet in height at maturity are allowed within 10 feet horizontally of any sewer main or sewer lateral.

7. Provide the following legend items on the Public Improvement drawings:

IMPROVEMENTS	STANDARD DRAWING NO.	SYMBOL
4" PVC Sewer Lateral with Cleanout on City side of Property Line	SDS-100, SDS-102/103, SDS-105, SDS-108, S-4C	
Trench Resurfacing	Use SDG-107 for Asphalt Concrete (AC) surfaced streets. Use SDG-108 for PCC (concrete) surfaced streets.	
Schedule J Paving	SDG-113 (these designs shall be used in public right-of-way, or private property in the areas where public easements are located, including public access easements)	

Label improvements "Private" in the legend, if Private.

8. Provide the following Sewer Lateral Data Table and provide all known information in advance. All other required information to complete the table may be provided at As-Build. (see sewer note 1)

SEWER LATERAL TABLE

Lot #	I.E. at Main	Drop to Main (Rise)	Length in Feet	I.E. @ P.L.	Slope %	Top Curb Elev. (T.C.)	Depth Below T.C. @ P.L.	Sta #	Remarks

Show Drop to Main now for all laterals, 1.2' for 6" and 8" mains, 1.3' for 10", 1.4' for 12", 1.8' for 15".

2% minimum slope for public laterals

1% minimum slope for private laterals.

(include the word "Private" under remarks for all Sewer Laterals which are to be Private)