

SANITARY SEWER PLAN CHECK **COMPLIANCE LIST**

Parcel Map/Tract No. _____
Engineer _____

First	Checked By: _____	Date: _____
Second	Checked By: _____	Date: _____
Third	Checked By: _____	Date: _____
Telephone:	(661) _____	
E-Mail:	_____	

Please provide compliance with all items circled below. Return a copy of this compliance list with your re-submittal. Provide your initials to the left of each circled item to indicate its completion and, where appropriate, indicate where the correction is addressed in your re-submittal. If you do not believe the item circled is applicable, provide your justification. Failure to return this list or address all items will result in the submittal being returned without review.

ADDITIONAL TIME & MATERIALS CHARGES (\$105/HOUR) WILL APPLY AFTER THE THIRD PLAN REVIEW IF COMMENTS ARE NOT ADEQUATELY ADDRESSED!

A. APPROVALS

- _____ 1) Provide signature of developer's engineer, with seal and expiration date, prior to final approval. (All sheets)
- _____ 2) Provide signature blocks for Public Works Department Director, Craig Pope, P.E., District Board of Directors, District Engineer and _____.

B. FEES

- _____ 1) Provide an engineer's estimate and fee calculations for plan review and inspection in accordance with the department's current fee resolution. The engineer's estimate shall be based on the unit costs shown in Division VII of the Development Standards, and include a 20% contingency factor.
- _____ 2) The plan review fee shall be based on all proposed items of work. The plan review fees shall be submitted prior to review of the second submittal of improvement plans. Resubmitted plans will not be reviewed until the fees are received.

- _____ 3) The inspection fees shall be based on all proposed work that will be inspected by county staff and/or maintained by the county or overlaid by a County Service Area (CSA). Facilities/utilities that are inspected by others, but are within the county roadway, must also be included. The inspection fee shall be submitted prior to issuance of a grading permit or commencement of any work on the project, whichever occurs first.
- _____ 4) Additional fees are due because plan review comments were not adequately addressed by the third submittal. _____ additional hours were spent on the latest review, and additional fees of \$_____ (\$105/hour) shall be submitted prior to performing the next review.

C. GENERAL

- _____ 1) Provide vicinity map.
- _____ 2) Provide key map.
- _____ 3) Provide north arrow.
- _____ 4) Provide scale.
- _____ 5) Note on all sheets "Exhibit E/Sewer Plans" in lower right-hand margin.
- _____ 6) Provide tract or parcel map number in lower right-hand margin.
- _____ 7) Provide Standard Notes _____. (Per attachment)
- _____ 8) Provide feasibility study approved by Public Works Director and _____ for proposed connection to existing facilities. (Or provide will-serve letter)
- _____ 9) Provide house dry sewer/septic tank detail. (Dry sewers only)
- _____ 10) Provide engineer's final estimate and quantity calcs. (After plans are approved)

D. SEWER MAIN SIZE, LOCATION, ALIGNMENT AND COVER

- _____ 1) Provide minimum of 5 feet clear from roadway center line and 2 feet clear from gutter lip at _____.
- _____ 2) Provide 6 inches clear to all existing and proposed utilities.
- _____ 3) Show existing and proposed water lines with separation distances shown also.

- ____ 4) Provide mainline utility crossing details at _____.
- ____ 5) Provide sewer in public roadway.
- ____ 6) Provide on-site and/or off-site sewer easements to be granted to Kern County or sewer entity.
- ____ 7) Provide minimum sewer easement width of 10 feet.
- ____ 8) Provide straight sewer alignment between manholes.
- ____ 9) Provide minimum cover of 4 feet in streets and 3 feet in easements at _____.
- ____ 10) Provide minimum sewer size of 8 inches ID for extendable runs, which can exceed 150 feet at _____.
- ____ 11) Provide access study for sewer easement. (Mountainous area)
- ____ 12) Provide identification tape over sewer main and laterals within the right-of-way.

E. HEALTH REQUIREMENTS

- ____ 1) Water lines shall be as far as possible from sewer lines. (10 feet minimum)
- ____ 2) Water lines shall be laid higher than sewer lines.
- ____ 3) Water lines shall be 12 inches minimum above sewer lines.
- ____ 4) Provide compliance with State Health Department Standards. (See attached)

F. MANHOLES

- ____ 1) Provide manholes at all junctions and top-of-manhole elevations.
- ____ 2) Provide a maximum distance between manholes of 400 feet at _____.
- ____ 3) Allow one-tenth (0.1) foot energy drop at deflections of 45° or more at _____.
- ____ 4) Match soffits at pipe changes at _____.

____ 5) Provide drop manholes for invert elevations differing more than 18 inches at _____.

G. BUILDING SEWERS

- ____ 1) Provide minimum lateral size of 4 inches and lateral stationing.
- ____ 2) Provide Uniform Plumbing Code analysis for laterals greater than 4 inches. (Stub-outs not exceeding 6 inches for future buildings okay)
- ____ 3) Provide minimum cover of 3 feet at flowline.
- ____ 4) Provide house laterals perpendicular to roadway centerline. (Except cul-de-sacs)
- ____ 5) Provide building pad elevations. (Mountainous areas)

H. SPECIAL EQUIPMENT OF STRUCTURES

- ____ 1) Provide compliance for package treatment plant. (Discuss with subdivision engineer)
- ____ 2) Provide compliance for pump stations. (Discuss with subdivision engineer)

I. APPROVALS

Provide details or note reference as required below:

- | | | |
|---------|---------|---|
| ____ 1) | S-1 | Typical Trench Section Detail |
| ____ 2) | S-2 | Typical Building Sewer Installation In Cut Area |
| ____ 3) | S-3 & 4 | Drop Manhole Details |
| ____ 4) | S-5 | Pre-cast Manhole Detail |
| ____ 5) | S-6 | Manhole Frame and Cover Detail |
| ____ 6) | S-7 & 8 | Rodding Inlet and 6-inch Riser Details |

NOTE: "S" refers to the plate number in the Kern County Development Standards

ADDITIONAL COMMENTS: _____
