

XII. WATER PLAN CHECK LIST

A. PREPARATION OF SHEETS

Plans must be 24" x 36" polyester base film (mylar or equal, no sepia mylar) using Water District Title Block or if not applicable, use the County Standard Title Block per Title Block Exhibit of this document.

- ____ 1. Originals must be signed by engineer that prepared the plan, Water Company or district representative, County Fire Marshall, or Division of Forestry. (For EVMWD, all sign first)
- ____ 2. The waterline location shall be per Standard No. 817. If not able to comply with Standard 817, a justification note should be added to the plan as approved by Transportation.
- ____ 3. A typical section shall be required to show the location of the water line and all other utilities existing or proposed including the joint utility trench. (Similar to standard 817)
- ____ 4. A Vicinity Map showing streets within a half-mile radius. Identify the Section, Township and Range the project is located in.
- ____ 5. Add signature block for water district and fire department on street improvement plans (For "Hot Taps" and laterals for PUP, PP and CUP, where no work on main lines) As well as construction notes and stations/locations.

B. GENERAL NOTES AND REQUIREMENTS

Show on first sheet.

- ____ 1. Specification and construction notes required by Water Company or District.
- ____ 2. All materials, testing and inspection of pipe shall be in conformity with the requirements of Riverside County, the American Water Works Association (AWWA), and district standards.
- ____ 3. Type of pipe used and diameter.
- ____ 4. Failure to meet any of the requirements of Riverside County, the (AWWA) specifications and district will be cause for rejection.
- ____ 5. Separation requirements between water and sewer lines shall conform to State Health Code Standard. (Old County Standard 609 no longer used)
- ____ 6. Index map with sheet layout and numbering.
- ____ 7. Trench repair per County Standard 818
- ____ 8. Get an Encroachment Permit from Transportation. Permit number is 951-955-6790.

C. PLANS

- _____ 1. Legend.
- _____ 2. Scale and 4" graphic scale.
- _____ 3. Label type and size of pipe used.
- _____ 4. Label size of all fittings used.
- _____ 5. Location of fire hydrants (per Standard No. 400 or water district standard). Show a detail of the placement of the blue reflective marker.
- _____ 6. Connections to existing waterlines.
- _____ 7. When waterlines cross other utilities, such as sewer, storm drains, or other obstructions, the outside pipe elevations shall be shown to indicate the available clearances. Also in profile when required.
- _____ 8. Underground 4" Blow-Off air vacuum, etc. should be located in the parkway behind the sidewalk. Installation within a County maintained paved surface shall not be allowed.
- _____ 9. Show laterals and dimensions or stations or a typical lot layout.
- _____ 10. Owner/Contractor shall be responsible for replacement/relocation of all survey monuments within the project per Land Surveyor Act.

D. PROFILE

*NOTE: At the direction of the water purveyor, profile for water lines may be required or may be omitted. If they are omitted, a general note should be added to all water plans, stating, "Normal minimum cover shall be 3.0' per County Standard Number 817".

- _____ 1. Scale, horizontal and vertical.
- _____ 2. Profile of centerline of existing and proposed streets or existing ground line dashed; in which water line is to be constructed.
- _____ 3. Profile of waterline. (See *NOTE above.)
- _____ 4. Stationing at bottom of pipe at crossings of other utilities.

E. ESTIMATE OF MATERIALS

Estimate of quantities must be shown on first sheet and match the Construction Cost Worksheet for the project.

F. FIRE DEPARTMENT APPROVAL BLOCK

On title sheet of water plans, provide the following block, if fire hydrants are proposed:

RIVERSIDE COUNTY FIRE DEPARTMENT	
APPROVED BY:	_____
DATE:	_____