

## PROJECT PLANS CHECKLIST

- ☐ Complete PCWA Project Review Application.
  - ☐ Include Fire Department approval, specifying hydrant and private fire service flow rate requirements as applicable.
  - ☐ Include Applicant's Signature.
- ☐ Complete PCWA Supplemental Information for Residential Services (if applicable).
  - ☐ Provide summary of lot sizes. A spreadsheet will be provided to help.
  - ☐ Include Applicant's Signature.
- ☐ Complete PCWA Supplemental Information for Non-Residential Services (commercial or landscape services, if applicable).
  - ☐ Complete one application per unique meter size/expected demand combination for 5/8", 3/4", and 1" meters. Prepare one application for each 1 1/2" and larger meter.
  - ☐ Include Applicant's Signature.
- ☐ Refer to the Standard Specifications (including revisions) in preparing your project plans, and be sure to:
  - ☐ Include Owner's and Engineer's name and contact information (full address and telephone number) on the Title Sheet; this information must match that which is shown on the PCWA Project Application.
  - ☐ Include an Engineer's stamp, or name and license number on all submittals.
  - ☐ Include the PCWA "Water Facilities" note in the plan set (refer to the PCWA Improvement Standards, Division 2, Section 4. D). PCWA will provide the PCWA Map No. during the plan check process.
  - ☐ Include an approval signature block for the PCWA Engineer.
  - ☐ Include reference to a benchmark, used for the survey control, which is referenced to National Geodetic Vertical Datum 1929. Assumed datum is not acceptable.

- ☐ Show symbols legend and use the Agency's Standard symbols in the plans, See PCWA standard drawing S401.
- ☐ Include an overall plan layout for the treated and raw water facilities, as applicable, in the plan set.
- ☐ Include a plan and profile of PCWA's existing and proposed facilities related to the project. Include labels for pipe size, type, length, class, and restraint lengths.
- ☐ Show and label proposed minimum 20 foot wide PCWA easements (non-exclusive) where water lines are installed outside the public right of way or PUEs/MPes adjacent to public right of way.
- ☐ Show and label existing easements with recorded information.
- ☐ Ensure velocity of water during a fire flow event is no more than 7 feet per second in mains (fire hydrant laterals excluded).
- ☐ Provide connection detail for tie-ins to existing PCWA facilities that identifies and describes the required fittings, valves, couplers.
- ☐ Ensure separations between PCWA facilities and other utilities are as described on Standard Drawing – S103, S104 and S105.
- ☐ Show PCWA standard drawing S101, Pipe Trench Bedding and Backfill Detail. All other PCWA drawings shall be incorporated by reference only.
- ☐ Show utility representative contacts with phone numbers for all utilities local to the project.
- ☐ Landscape and cathodic protection plans (if applicable) are to be incorporated as a part of the plan set.