



PERMIT STATUS: APPROVED NOT APPROVED

DATE: [TODAY]

PERMIT #: [PERMIT NUMBER]

RE: [SITE ADDRESS]

ROUND OF REVIEW: 1ST 2ND 3RD 4TH

THE FOLLOWING LIST INCLUDES REVIEW COMMENTS AND REQUIRED CORRECTIONS FOR THIS PROJECT. ALL ITEMS LISTED, REQUIRE CORRECTION AND RESUBMITTAL TO CITY HALL, 201 S. CORTEZ STREET.

WATER

GENERAL SUBMITTAL CHECKLIST

Not
App App N/A

- Civil Plan sheets shall be submitted in accordance with the General Submittal Checklist, unless otherwise noted
- Water Service Agreement
- Development Agreement
- ADEQ Forms
- Easements
- Mains Installed Along Entire Property Frontage
- Private Water Company
 - Limited Liability Company
 - HOA
 - Bluestake

WATER SYSTEM REPORTS (GENERAL) CHECKLIST

Not
App App N/A

Engineer's Seal

Existing Conditions

- Dates, Times and Results of Certified Flow Testing
- Description of Project/Location
- Existing Topography and Landform Features
- Existing and Proposed Zoning and Land Uses
- References to COP General Plan
- Existing Pressure Zone(s)
- Existing Mains, Flows and Pressures

Existing Master Plans or Design Reports Applicable to Adjacent Development

Proposed Conditions

- Summarize Proposed Development
- Describe Proposed Connections showing looping and extensions of water mains
- Summarize the ADEQ and/or COP Design Standards Applied to the Project
- Water Demands (Both Domestic & Fire Flows)
- Water Quality
- Pressure Zone Boundaries, Pressure Reducing Valves (PRV) and Zone Valves
- Size and Pressure Settings for all PRV's

Maintenance Responsibilities

WATER MASTER PLAN REPORT CONTENT CHECKLIST

Not
App App N/A

Phasing

- On-Site Improvements
- Off-Site Improvements
- Projections for Future Surrounding Developments and related Improvements
- Water Modeling
- Off-Site Analysis due to Density or Demand Changes to COP Water Master Plan

Master Plan Mapping

- Synopsis of Phasing with Modeling Results
- Each Future Phase Stands Alone

WATER DESIGN REPORT CONTENT CHECKLIST

Not
App App N/A

Summary of Anticipated Water Demands

- Fire Flows, including Building Height, Building Area and Stories above Grade
- Water Demands Based on Unit Demands from Similar Historical Use Data or ADEQ Tables
- Narrative
- Modeling Software

Modeling, including Pressures and Demands

- Average Day Demands
- Maximum Day Demands
- Peak Hour Demands
- Fire Flow Demands
- Maximum Day + Fire Flow Demands
- Results in Graphical and Tabular Format (Junction Report and Pipe Report)

Cathodic Protection

C-Factors

Wash Crossings

- Scour analysis
- Wash Crossing Protection

Executive Summary

- Summary Tables

City Facilities located on Tract or Lot Dedicated to COP

WATER PLANS CHECKLIST

Not
App App N/A

Consistent with City of Prescott CADD Standards

Legend

- Street Names and Widths
- Stationing
- COP Standard Construction Notes
 - Quantities
- COP General Notes
- COP Standard Details
- Special Details and Notes
- Show Topography
- Show Both Plan and Profile
- Show Existing & Proposed Utilities
- Separations
 - Show all Possible Conflicts with Existing and Proposed (Utilities, Structures, Trees, Wells, Etc)
 - Potholing Location in Plan View & Elevations on Profile for Existing Utilities
 - Pothole Table
 - Utility Main Crossings Required on Profile with Elevation
 - Separation from Sewer per COP Detail 3-20P
- Fire Hydrant Connections and Materials
 - Fire Lines with Callout for Backflow Protection
 - Vertical Realignment of Hydrant Line for mains > 6'
- Dead End Mains
 - Show Blow-Off
- Fittings, Blocking, and Restraint Joints to be Shown and Called Out
- Pipes
 - Degree of Pipe Deflection or Bend Fitting
 - Pipe Cover
- Pipe Size, Lengths, and Material
- Electronic Markers/Trace Wire
- Valves
 - PRV's or Zone Valves, Including Settings
 - Air Release Valves/Blow-Off

Other Valves

Valve Locations

Service Lines

Meters/Irrigation Meters

Backflow Prevention