

# Welcome to the Parker Water and Sanitation District

## Private Development - Construction Plan Requirement Checklist

### Jurisdictional Statement

These requirements represent the checklist for projects within the Parker Water & Sanitation District's jurisdiction.

**Project Name:** C-STORE AND CARWASH

**Developer Name:** TWINSTAR ENERGY, LLC

**Engineering Firm:** EES

### Before Starting Your Project

Refer to Parker Water and Sanitation District Standards & Specifications Manual,  
District Master Plan, and District Rules & Regs  
To Ensure Compliance of PWSD's Requirements

### *WATER AND SANITARY SEWER MAIN PLAN CHECKLIST*

The purpose of this checklist is to offer comments on plan design for construction of water and sewer mains, fittings, fire hydrants, and any other required infrastructure for the construction of public water and sewer infrastructure.

This checklist serves to minimize redline comments and to maintain consistency on plan sets for public water/sewer infrastructure in the PWSD service area. Plan approval and the issuing of permits are dependent upon compliance with the comments made on the check prints, this checklist, Rules & Regs, and Standards & Specifications of the Parker Water & Sanitation District.

Please return this checklist and 2 plan sets with your submittal.

### GENERAL REQUIREMENTS

- CITY REQUIRES 22"X34" PER ROADWAY DESIGN AND CONSTRUCTION CRITERIA MANUAL, 3.1.7. WE ARE OPEN TO RE-SIZING UPON JOINT AGREEMENT BETWEEN PWSD AND CITY OF PARKER.**
- Plan shall be on 24" X 36" sheets. **RE-SIZING UPON JOINT AGREEMENT BETWEEN PWSD AND CITY OF PARKER.**
  - Details shall be Parker Water and Sanitation District Details. **SEE SHEETS U2.0, U2.1**
  - Orientation of each plan sheet shall be shown by a north arrow and scale of drawing. (North arrow to point up or to the left.) **SEE SHEET U1.0**
  - Each sheet shall be identified by sheet number, project name and match lines. **SEE SHEETS U0.0 TO U2.1**
  - All plan sheets shall be sufficiently clear. The size of lettering and symbols shall be 1/8 inch minimum. **SEE SHEET U1.0**
  - Services only plan sets will not require plan and profile sheets. **SEE SHEET U1.0. SERVICES ONLY.**
  - Lettering for callouts and proposed utilities must be heavier line weight **SHEET SHEET U1.0**

## COVER SHEET REQUIREMENTS

- Project title: PARKER WATER AND SANITATION CONSTRUCTIONS PLANS with name and address of project.
- Developer's name, address, and telephone number.
- Engineer's name, address, and telephone number.
- PWSD contact information
- PWSD Signature Approval Block (locate in lower right hand corner )
- Vicinity map
- UNCC notification decal affixed. **811**
- Material list **N/A - PRIVATE SERVICES ONLY.**
- Benchmark
- District notes (General, Water Main, Sanitary Sewer and Acceptance notes. (May be place on separate sheet) **SEE SHEET U0.1**

## OVERALL UTILITY (ONE OR MORE PAGES)

- Scale: 1 inch = 50 feet
- Scale: 1 inch = 10 feet, 20 feet, or 30 feet (acceptable if the entire project size allows)
- Legible Key Map **NOT APPLICABLE**
- All street must be identified by name
- North Arrow, Graphic Scale, and Scale Factor
- Legend
- Pertinent Notes
- Each Valve, Fire Hydrant, Air Release Valve, Blow Off, Pressure Reducing Valve, Manhole, and Etc. must be called out and numbered(GV#1, FH#1, ARV#1, BO#1, PRV#1) **N/A - PRIVATE SERVICES ONLY.**
- Show and call out all existing utilities
- Show all water and sanitary sewer services (including irrigation services) and call out.
- Show all easements call out as "Exclusive 30' PWSD Easement" or "Non-exclusive 50' PWSD Easement"

## WATER AND SANITARY SEWER MAIN PROFILE PAGES **NOT APPLICABLE - PRIVATE SERVICES ONLY.**

- 1 inch = 50 feet
- 1 inch = 10 feet, 20 feet, or 30 feet (acceptable if the entire project size allows)
- Legible Key Map
- North Arrow, Graphic Scale, and Scale Factor
- Show all stationing in plan and profile views
- Legend
- Pertinent Notes
- Each Valve, Fire Hydrant, Air Release Valve, Blow Off, Pressure Reducing Valve, Manhole, and Etc. must be called out and numbered
- Show all water and sanitary sewer services (including irrigation services) and call out with station number
- Show and call out all tees and bends(w/ thrust block)
- Show and call out 4.5' min. cover over top of pipe
- Show and call out all utility crossings
- Show and call out 1.5' min. clearance between pipes at all crossings
- At each manhole call out station number, rim, invert in, and invert out elevations
- Show all easements call out as "Exclusive 30' PWSD Easement" or "Non-exclusive 50' PWSD Easement"

## DETAIL PAGES

- Include all pertinent Parker Water and Sanitation District details **SEE SHEETS U2.0, U2.1**