

Parker Water & Sanitation District

Requirements on electronic as-builts:

Lots – outline, lot number, block number, address

Streets – centerline, full name

Water lines – material type, size, linear feet, all valves, fire hydrants, labels on valves indicating type, air vacs and blowoffs with labels

Water Services

Sewer lines – material type, size, linear feet, manholes, rim elevation, invert elevations

Sewer Services

Easements – outline, size (30', 50', etc.), type (utility, HOA, etc.)

Fittings

All of these features must be on their own layer.

No xrefs.

Coordinate System:

All CAD and GIS files shall be registered to the North American Datum 83 (NAD 83) Colorado State Plane Central Zone coordinate system (Grid), units feet with ties to the monumented High Accuracy Regional Network System (HARNS) points. If a separate vertical datum is used, it must be NAVD 88. If a geoid model is used, it must be Geoid 99. Information on HARNS points is available through Douglas County, Clerk and Recorder.

False Easting: 3000000.000316

False Northing: 999999.999996

Central Meridian: -105.500000

Standard Parallel 1: 38.450000

Standard Parallel 2: 39.750000

Latitude of origin: 37.833333

All as-builts must be in AutoCAD or ESRI interchange file format.