



**Fountain Sanitation District
As-Constructed Condition Documentation
Submittal Requirements**

As-Built Plan Checklist

The Fountain Sanitation District requires both paper and digital submissions of as-constructed drawings and other documents for a project prior to its final acceptance by the District. The as-constructed set of documents should be based on the complete set of documents that was accepted by the District and issued for construction, revised to reflect all as-constructed information as required below.

Check the boxes within each table in the sections below, verifying that the documentation being submitted is per Fountain Sanitation District requirements. Sign and date at the end of this document and **return this form** with all submitted documentation.

Paper and Digital Documents Submitted

YES	Item
<input type="checkbox"/>	Paper copy of the as-constructed drawings enclosed.
<input type="checkbox"/>	Paper copy of contractor's field record drawings (original or clear legible copy) marked with the contractor's representatives' annotations made at the time of construction enclosed.
<input type="checkbox"/>	Complete set of as-constructed drawings in Adobe PDF format (single file) enclosed.
<input type="checkbox"/>	Complete set of as-constructed AutoCAD files in DWG format (incl. XREFS) enclosed.
<input type="checkbox"/>	Paper copy of final recorded plat enclosed.
<input type="checkbox"/>	As-Built checklist, signed and dated, enclosed.

Paper and Adobe PDF Submittal Requirements

YES	Item
<input type="checkbox"/>	The cover sheet contains the following statement with the signature and date of the engineer: PE # _____. The following as-constructed plans were prepared under my direct supervision.
<input type="checkbox"/>	The cover sheet contains the project benchmark and basis of bearing.
<input type="checkbox"/>	All sanitary pages and cover sheet are clearly marked "As-Constructed" or "As-Built"
<input type="checkbox"/>	Title and index drawings are as presented in the set of construction drawings.
<input type="checkbox"/>	All sanitary pages are clearly marked with the Vertical Datum and Horizontal Coordinate system used. The Fountain Sanitation District requires all elevations to be in NAVD88 datum and horizontal coordinates to be in NAD 1983 Colorado State Plane, Central Zone, US Foot.

YES	Item
<input type="checkbox"/>	<p>Plan and profile drawings show all structures and pipelines. Horizontal and vertical information include at a minimum the following:</p> <p>Pipelines:</p> <ul style="list-style-type: none"> <input type="checkbox"/>Diameter <input type="checkbox"/>Material <input type="checkbox"/>Standard Dimension Ratio (ex. SDR26, SDR35) <input type="checkbox"/>Slopes <input type="checkbox"/>Length (in linear feet) <p>Manholes:</p> <ul style="list-style-type: none"> <input type="checkbox"/>Rim Elevations (NAVD88) <input type="checkbox"/>Invert Elevations (NAVD88) <input type="checkbox"/>Depths (Rim to Invert Out in feet) <input type="checkbox"/>Northings and Eastings (NAD 1983 Colorado State Plane, Central Zone, US Foot grid coordinates) <input type="checkbox"/>Diameter <p>Other:</p> <ul style="list-style-type: none"> <input type="checkbox"/>Stationing <input type="checkbox"/>Alignment <input type="checkbox"/>Curve annotation <input type="checkbox"/>Other utility crossings <input type="checkbox"/>Special construction encountered <input type="checkbox"/>Pertinent field observations noted during construction
<input type="checkbox"/>	<p>Utility service plan drawings show, but are not limited to the following:</p> <ul style="list-style-type: none"> <input type="checkbox"/>All utility alignments <input type="checkbox"/>Service connections <input type="checkbox"/>Main line connections <input type="checkbox"/>Temporary pipe stubs <input type="checkbox"/>Typical lot service configurations <input type="checkbox"/>Special construction at crossings
<input type="checkbox"/>	<p>Detail drawings show, but are not limited to the following:</p> <ul style="list-style-type: none"> <input type="checkbox"/>Construction methods <input type="checkbox"/>Materials <input type="checkbox"/>Special Construction Included in the project
<input type="checkbox"/>	<p>All subdivision lots show, but are not limited to the following:</p> <ul style="list-style-type: none"> <input type="checkbox"/>Line work, boundary, and lot dimensioned data <input type="checkbox"/>Block numbers <input type="checkbox"/>Lot numbers <input type="checkbox"/>Addresses <input type="checkbox"/>Filing or phase number if applicable

AutoCAD Submittal Requirements

YES	Item
<input type="checkbox"/>	All AutoCAD files have a file extension of .dwg (as of January 1, 2020, AutoCAD version 2017 or higher is preferred).
<input type="checkbox"/>	All AutoCAD files are in the horizontal coordinate system NAD 1983 Colorado State Plane, Central Zone, US Foot (FSD Combination factor to be used for ground to grid coordinate adjustments: 0.999692148). AutoCAD Global Coordinate System Code CO83-CF .
<input type="checkbox"/>	All AutoCAD files are in the vertical coordinate system NAVD 1988
<input type="checkbox"/>	External reference drawings (XREFS) are included.
<input type="checkbox"/>	The XREF file paths are properly defined in each host drawing.
<input type="checkbox"/>	The media used for submittal of the digital files is clearly marked with the project's title, date of submittal and the person or firm which produced the construction and as-constructed documents.
<input type="checkbox"/>	All custom plot files, such as plotter configuration, page setup, plot style and text or font files are included.
<input type="checkbox"/>	All drawings are of a scale and orientation that reflects actual field measurements, i.e., a sanitary sewer main built 236.35' in length should be shown at exactly that in the drawing file. Revision of only the sheet notes or callouts within a drawing file is not acceptable. All line work must also be revised to show exact as-constructed information.

The above listed criteria are a general summary of the minimum amount of required electronic information that must be included in as-constructed documentation for new wastewater infrastructure construction. The nature and character of projects may vary greatly, and the above items are not to be considered a finite list. Atypical projects may require additional or different information than listed above. The primary purpose of collecting this information is for the District to incorporate it into their GIS (geographic information system). Each developer shall consult with the District on the exact form and extent of information required for their individual project.

I hereby certify that the above information is true and correct to the best of my knowledge.

Print Name: _____

Business Name: _____

Subdivision and Filing: _____

Signature: _____ **Date:** _____