

South Fort Collins Sanitation District

Substantial Completion Checklist



Construction:

- Inspections:** All sewer mains, service lines and manholes inspected before burial.
- Manholes:** All manholes are successfully vacuum tested.
- Pipes:** All sewer mains and service lines are successfully pressure tested.
- Stubs:** All service line stubs are marked with a green 4X4 post.
- Tracer Wires:** are installed and tested. Service line tracer wires are coiled on lateral stub markers (4X4 posts).
- Roadway:** All facilities are completed to grade and accessible with an all-weather driving surface (pavement or gravel roadway).
- Cleaning:** All sewer mains and manholes are cleaned of all debris.
- Recording:** A digital recording of all sewer mains and manholes has been provided and approved by the District Inspector.
- Walk-Through:** A final construction walk-through has been completed with the District Inspector.
- Punch List:** All walk-through punch list items have been completed and approved by the District Inspector.

Administrative:

- As-Builts:** As-built record drawings have been submitted and approved in CAD (.dwg) and PDF versions.
 - The data shall be based on Colorado State Plane North Coordinates NAD83 (2011) datum and be submitted in Ground Coordinates using a combined scale factor of 0.99973203 (1.00026804) about the origin 0,0.
 - The vertical datum shall be NAVD88.
 - The PDF must contain the horizontal and vertical coordinate information clearly stated on the front page.
 - The DWG must be exported to version 2013, 2018, or a version compatible with Esri software and approved by SFCSD.
- Letter:** A Substantial Completion Request Letter is submitted to the District Engineer.

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Notes:

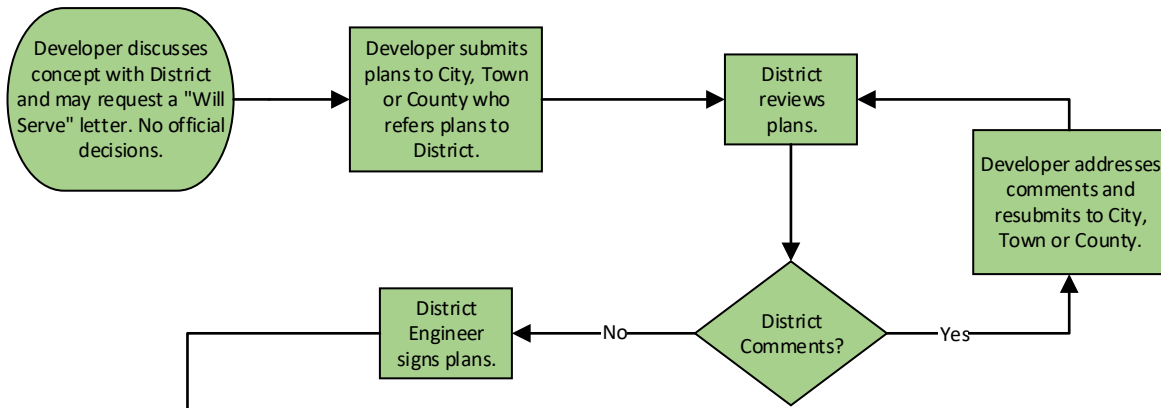
- **Warranty:** Once Substantial Completion has been granted, the minimum two-year warranty period commences. During the warranty period, the Developer is responsible for all facility repairs and maintenance of all wastewater facilities.
- **Utility Locates:** The District will conduct utility locates during the warranty period.
- **Warranty Release:** After a minimum two-year warranty period, the Developer will clean and video record all sewer mains and manholes, provide the recordings to the District and request Final Acceptance. The District will inspect manholes and observe video recordings and request any repairs, additional cleaning and/or additional video recordings. When all District requirements are met, the District will issue a Final Acceptance letter whereupon the warranty period will be complete and the District will take ownership of the sewer mains and manholes.

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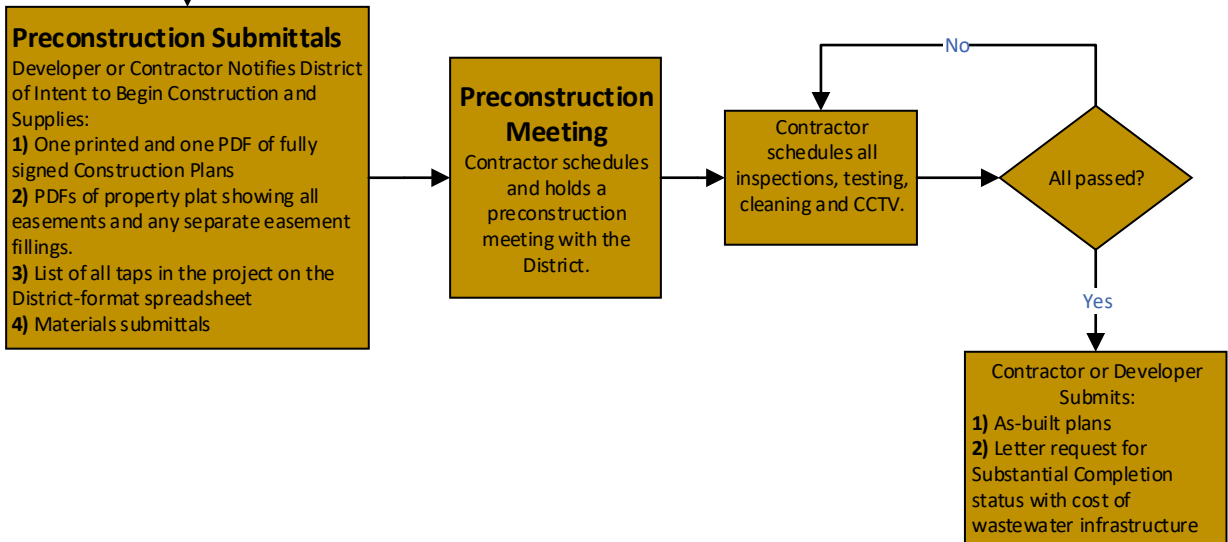
Development and Construction Process



Review



Construction



Warranty

