



All construction plans submitted to the Utilities Division for review shall include the Durham County Standard Sanitary Sewer Details that are applicable to the type of project. This checklist is to be used as a supplemental tool to ensure the necessary sanitary sewer details are included in the plans before submitting to the Utilities Division for approval. Depending on the type of project, different details may be required.

Note: Below are different types of projects involving sanitary sewer and the minimum details that are required for each type of project. From the list below, find the type of project that most similarly relates to the plans being prepared and ensure all required details listed for that specific type of project are included. Any plans submitted to the Utilities Division that are missing the required sanitary sewer details will not be approved until the correct details are included.

I. Installation of Only Laterals (No Manhole)

- DUCO-004 – Sanitary Sewer Manhole Invert
- DUCO-005 – Manhole Pipe Connection Detail Boot Type – Flexible Connection
- DUCO-006 – Sanitary Sewer Lateral at Manhole
- DUCO-007 – Clean Out Detail
- DUCO-008 – Sanitary Sewer Traffic Bearing Cleanout
- DUCO-009 – Sanitary Sewer Lateral
- DUCO-018 – Standard Sanitary Sewer Notes
- DUCO-020 – Detection of Underground Laterals

II. Installation of Sewer with a Manhole

- DUCO-001 – Standard Sanitary Sewer Manhole
- DUCO-002 – Sanitary Sewer Manhole Ring and Cover
- DUCO-003 – Plastic Coated Sanitary Sewer Manhole Steps
- DUCO-004 – Sanitary Sewer Manhole Invert
- DUCO-005 – Manhole Pipe Connection Detail Boot Type – Flexible Connection
- DUCO-006 – Sanitary Sewer Lateral at Manhole
- DUCO-007 – Clean Out Detail
- DUCO-008 – Sanitary Sewer Traffic Bearing Cleanout
- DUCO-009 – Sanitary Sewer Lateral
- DUCO-010 – PVC Pipe Backfill with Detection Tape
- DUCO-018 – Standard Sanitary Sewer Notes
- DUCO-020 – Detection of Underground Laterals

Below are special cases that may not be applicable to every project. If the project has any of these special conditions, include the specific detail for that condition and the applicable details from above.

III. Installation Over Existing Sewer

- DUCO-012 – Doghouse Manhole Installation Over Existing Sewer Main

IV. Drop Manholes

- DUCO-013 – Sanitary Sewer Inside Drop Manhole

V. Stormwater is Crossing an Easement

- DUCO-015 – Utility Easement Armoring

VI. Restaurants

- DUCO-017 – Durham County Minimum Grease Trap Requirements

VII. Pretreatment Monitoring is Required

- DUCO-019 – Precast Concrete Monitoring Manhole

VIII. Force Main

- DUCO-014 – Air Release Valve Installation for Sewer Force Mains