

General

1. The information shown on these drawings/sketches represents the location of underground utilities owned by the City of Meriden, to the best of the Department of Public Works' knowledge. The users of these documents are responsible for the interpretation of this information and shall design their work accordingly. The actual location of the municipal utilities must be verified by the contractor. The City of Meriden shall not be liable for any loss, damages or claims that arise from the use of these drawings/sketches.
2. The contractor must contact "Call Before You Dig", 1-800-922-4455 for location and marking of all existing utilities prior to any excavation. Permits will not be issued until the Contractor has a valid "Call Before You Dig" number.
3. All property owners affected by the work must be notified a minimum of 48 hours prior to the beginning of construction.
4. Permittee must contact the Department of Public Works Engineering Division a minimum of 24 hours prior to beginning construction at (203) 630-4018. Failure to do so may result in shut down of activities.
5. Contractor is responsible to protect the City's infrastructure. Claims of damage remain with contractor for repair.
6. Any excavation within the drip line of trees within the City's Right of Way must receive City Tree Warden approval prior to beginning work. Contact the City Parks Department – 460 Liberty Street, telephone number (203) 630-4259.
7. No trees shall be removed within City ROW without permission of the City Tree Warden. Tree applications must be filed with the City Parks Department – 460 Liberty Street, telephone number (203) 630-4259. 21 days' advance notice required.

Traffic

1. Uniformed City of Meriden Police Officer(s) to provide traffic control when required. Police Scheduling can be reached at 203-630-6305.
2. Contractor must restore pavement markings disturbed by the construction immediately upon completion of the work in materials suitable to DPW – Traffic Division. Temporary tape, if used, must be in good condition until the permanent markings are placed.
3. All temporary traffic control devices must conform to the Standards of the Manual on Uniform Traffic Control Devices (M.U.T.C.D.) and the City of Meriden.

Technical

1. All work must conform to the City Standard Specifications and Details. ConnDOT Form 816 specifications and details are to be used if City details and specifications are not available. This includes, but is not limited to: trench backfill materials; pavement repair; curb replacements; and City sidewalks.
2. Existing curbing, sidewalks, pavement and related infrastructure shall be repaired, in-kind, at no cost to the City should these be damaged during construction.
3. Contractor is responsible for maintaining trenches pending permanent pavement repair. Failure to do so may result in forfeiture of Right-of-Way license fee.
4. Pavement repair is considered temporary until a permanent patch is installed per Engineering Standard Details. One winter is required before the permanent patch can be installed.
5. Final area of asphalt repair and/or replacement must be coordinated and approved by DPW.
6. Prior to placement of concrete, Contractor must contact the Engineering Construction Survey Technician at (203) 537-3202 or (203) 630-4018 for form inspection.
7. Erosion and sediment controls must comply with the latest Sediment and Erosion Control Manual published by the Connecticut Department of Energy and Environmental Protection.

Utilities - Sanitary

1. All sanitary sewer laterals shall be 6" PVC, SDR 35, ASTM D-3034 with a minimum 2% slope and a minimum three feet of cover.
2. A backwater valve must be installed on all plumbing fixtures that are below the top of the nearest upstream sanitary sewer manhole.
3. Cleanouts are to be located every 100' and direction changes. Cleanouts are to be shown on plot plan. Identify cleanouts on As-built with ties.
4. Manholes are required at major junctions to facilitate maintenance, particularly if the junction is not easily accessible.
5. Manholes over 8 feet deep require a 5' internal diameter.
6. Backflow prevention valve location to be shown on plans in addition to being indicated on General Notes. If backflow prevention is to be inside house, place note on plan. Identify backwater valves on As-built with ties.
7. **City ownership and responsibility is from the sanitary main and wye connection only. Property owner is responsible for the lateral from the wye to the building, including all cleanouts.**
8. Contractor to notify WPCF when work is complete.

Utilities-Water

1. Water services shall be a minimum 1", Type "K" copper. Copper pipe (minimum 1", Type K) is required between the water main and either the curb box or meter pit.
2. Repairs to water services are allowed only for copper or brass services. Iron and galvanized pipe shall be replaced from curb box to meter. Repair joints are not allowed under sidewalks.
3. Water lines shall have a minimum ten feet horizontal separation and an 18" vertical separation from any sanitary sewer line.
4. Single Family Residential meters are to be 5/8" unless otherwise required. Meter pits are required as determined by the PUC or when service length exceeds 100 feet.
5. Plastic pipe may not be used after the curb box or meter pit unless specifically approved by the Building Department and Water Division. Plastic pipe use is cautioned in any areas where contaminants can damage plastic. Plastic pipe must be in accordance with the State Building Code and the City plumbing and building codes. Warning tape shall be used on all installations and tracer wire is required when plastic pipe is installed. Plastic pipe must be compatible with City meters.
6. Meter pits shall not be placed in driveways or any traffic load bearing surfaces. 5' offset from such surfaces is required. Meter pits are to be installed per City specifications and details. Meter pits are property owner responsibility and damage to meters resulting from meter pit damage is property owner responsibility.
7. **City ownership and responsibility is from the water main to, and including, the curb box, along with the physical water meter. Property owner is responsible for the lateral from the curb box to water meter and all water meter pits and connections.**
8. Contractor to notify Water Department when work is complete.

Utilities - Other

1. The following minimum horizontal & vertical clearances shall be maintained:

Gas – Utility Separations

| <u>Utility</u> | <u>Vertical</u> | <u>Horizontal</u> |
|------------------------|-----------------|-------------------|
| Sanitary Sewer Main | 12" | 84" |
| Sanitary Sewer Lateral | 12" | 60" |
| Water Main | 12" | 60" |
| Water Service | 12" | 60" |
| Storm Sewer | 12" | 48" |

