

Ordinance #341

An ordinance to amend Ordinance #302 Public Works Department Standard Specifications and Infrastructure Book by adding and addendum updating said book.

WHEREAS, it is in the best interest of the City to permit and regulate standard specifications and infrastructure with such corporate city limits;

And;

WHEREAS, it is important to update the Standard Specifications from time to time;

NOW THEREFORE, BE IT ORDAINED, by the Mayor and Council of Ashland city, Tennessee that the Public Works Department Standard Specifications and Infrastructure Book be amended as follows:

The Standard Drawings are part of this amendment and all construction shall conform to the details shown on these drawings.

WATER SERVICE REVISIONS

1. All water lines are to be installed with a minimum of 10 feet horizontal separation from all sanitary and storm sewers. Where this is not possible the factors listed in the original documents shall be utilized to ensure that cross contamination does not occur.
2. Taps on exiting water and sewer lines shall conform to the following items:
 - a. All materials of construction are to be submitted and approved prior to the issuance of a tap permit by the town of Ashland City.
 - b. All taps are to be scheduled between the hours of 8:00 a.m. and 3:00 p.m. from Monday through Thursday.
 - c. The contractor is to give a minimum 24 hour notice to the City before scheduling the tap.
 - d. A representative of the City is to be present at all tapping operations.
 - e. All tapping sleeves and valve assemblies are to be disinfected in accordance with AWWA standards.
 - f. The machine performing the operation is to be cleaned with a 50 PPM bleach solution prior to each use.
3. All water lines are to be disinfected with a NSF approved 65 percent liquid chlorine solution prior to placing it in service. The disinfectant solution is to be injected in the line then flushed with chlorinated water utilizing a fill device with a backflow preventor installed on it. Bacteriological samples are to be collected and sent to the state certified laboratory for final approval before placing the line in service.
4. On a daily basis the contractor is to leave all lines uncovered until the City's inspector observes and approves the installation.
5. All pipelines are to be inspected and capped at the end of each day to prevent contaminants and obstructions from entering the pipe.

6. Pressure fluctuations in waterlines are not the responsibility of the City. The contractor is to assure that all waterlines maintain a minimum pressure of 20 PSI under all flow conditions.
7. Reduced Pressure Backflow installations for fire protection systems will be required to be located in a hot box at the nearest property line of the system being served.
8. When installing a water meter box the maximum depth from finished grade to the meter register face is to be 6 inches.
9. Water valves are to be manufactured by Mueller or an approved equal.
10. Meter boxes are to be a Carson heavy wall meter box model MSBCF1527-18XL with a 15 X 27 inch ductile iron view door.
11. Hydrant installations are to be anchored to the tee with a valve thimble and anchor ring secured with Mega lug retaining flanges. A thrust block is then to be installed behind the tee.
12. All waterlines are to be covered in 6 mill polypropylene prior to placing thrust block concrete.

SANITARY SEWER SERVICE REVISIONS

1. A 1,000 gallon grease trap is to be included at all facilities with food preparation on the premises.
2. STEP and STEG installations are to be connected to force mains utilizing eccentric reducers.
3. All internal hardware for sanitary sewer processing units are to be stainless steel suitable for a corrosive environment.
4. Each sanitary sewer processing unit shall have its own power source with an electrical silicone sealed disconnect at the power connection point.
5. Sanitary sewer tanks with a capacity of greater than 3,000 gallons shall have an additional center man way and riser.
6. Approval of sanitary sewer processing installations shall consist of the following inspections:
 - a. Initial water level test
 - b. Water level at 24 hours test
 - c. Mechanical and electrical run tests.

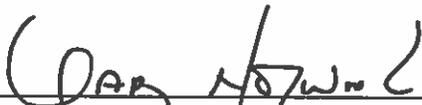
7. Access lids for STEP and STEG systems shall be 24 inch Simtech ABS green polycarbonate by Adenus Technologies, LLC model number STF-CAPC24G or approved equal.

ROAD CONSTRUCTION REVISIONS

1. All construction within road right of ways is to be bonded.
2. Public works is to be notified of work within the city limits that requires notification of Tennessee One Call.
3. Road sub base is to consist of 8 inches of compacted D base stone or pug mill mix.
4. Road pavement sections are to consist of 4 inches of binder and 2 inches of finish material per the specifications.
5. Extruded curbs are to have an 18 inch number 6 rebar at 8 feet on center to hold the curb in place.
6. Driveway culverts are to be 15 inch minimum diameter, HDPE, installed to the manufacturer recommendations. All culverts are to be terminated with a pre-cast concrete winged headwalls a minimum of 4 feet wide.

This ordinance shall take effect 20 days after its final passage the public welfare requiring it.

1st reading _____
Public hearing 4-8-08
2nd reading 4-8-08



Gary Norwood, Mayor



Phyllis Schaeffer, City Recorder