

WATER TAPS OVER 1"

1. Water taps over 1" shall be made by others to City specs.
2. Copper pipe, brass valves and brass fittings shall be used with prior City approval.
3. A by-pass shall be used on all metered connections 1 ½" and greater.
4. All meters and meter vaults shall be placed on the property line or right of way.
5. All backflow assemblies shall be tested prior to City acceptance.
6. All RPZ backflow prevention devices shall be above ground in a "Hot Box" with an electric power outlet for a heater.

SEWER TAPS

1. All sewer taps shall be made by the City unless otherwise specified.
2. 4" sewer taps shall be the minimum size permitted by the City.
3. All sewer services shall be with the water service.
4. All sewer services shall have a cleanout at the property line.
5. All service pipe shall be PVC, Schedule 40.

FIRE LINES AND SPRINKER SYSTEMS

1. All vaults and detector checks shall be set on the property line or right of way.
2. Vaults shall have a provision for drainage.
3. All RPZ backflow assemblies shall be above ground in "Hot Box" or equal enclosure and tested prior to City acceptance. Backflow assemblies are allowed in vertical risers in buildings where access can be readily gained by the City.
4. All Fire Department connections shall be labeled (FDC) with 6-inch letters in front of building with directional arrows pointing toward location.

BROKEN OR DAMAGED CURB AND GUTTER REPLACEMENT POLICY

The following methods will be permitted for replacement of broken or damaged curb and gutter:

1. Replace the complete section of curb and gutter.
2. Replace a 5-foot section of curb and gutter with 2 - #6 rebar on each end of the 5-foot section embedded 1-foot deep into each piece of original curb doweled in with non-shrink grout or approved epoxy.
3. Replace a 5-foot section of curb and gutter without the rebar and give an additional 12-month warranty for a total of 24 months after acceptance by the City.

CONSTRUCTION INSPECTION

The City of Mebane has Engineering Site/Subdivision Construction Plan Review and Inspection Fees that cover additional oversight per City policy of private and public water, sewer, roads/alleys, storm drain, stormwater management, sidewalks/multi-use paths, and water/sewer services. Upon site/subdivision construction plan approval and payment of related fees and having obtained all required permits and encroachment agreements a preconstruction conference can be held for the project where project requirements are then reviewed. Additionally, the City must be informed of all testing with advanced notice as required and witness all tests prior to acceptance by the City. All costs associated with tests, etc., shall be borne by the contractor. It is noted that the developer/contractor will need to provide compaction testing in trenches and roads by a certified geotechnical company at their own cost and at an interval as approved by the City.

All work that requires certification upon completion is the responsibility of the design engineer who has sealed the approved plans.

Any substantial changes made in the approved plans shall be made by the design engineer and copies provided to the city for approval prior to implementation of the changes. Should such changes require a permit modification, the design engineer shall provide such revised plans and permits to affect approval of the modifications.

Conduit layouts to be submitted to the City with the construction drawings.

CONSTRUCTION AS-BUILTS

The City shall be furnished a complete set of "As-Built" plans at the completion of all water, sewer and street projects. No service will be provided until such "as-built" plans are provided.

"Certification As-Builts" shall include actual invert elevations of all sewer and storm sewer manholes, catch basins, junction boxes, sewer clean outs, water meters steel encasement pipes and as-installed separations labeled at all crossings. If curb and finished grades have not been constructed at time of preparation of certification as-builts, provide note stating, "For certification purposes only, all finish grades listed are based on plan grades and will be updated once installed with As-Built elevations." The "Certification As-Builts" shall also include all valve and blow off "tie downs" to at least two (2) permanent markers and provided on 8 1/2" x 11" sheets as Intersection Drawings with each street name clearly identified. Certification As-Builts shall be provided to The City prior to requesting State Certifications.

"Final As-Builts" shall include all information from the Certification As-Built as well as actual rim, top of grate, top of curb, grading, pad elevations, and drainage swell elevations. Provide one (1) reproducible copy and one (1) copy of the "Final As-Builts" in both paper and digital formats. CAD files including water, storm, sewer, streets and lots shall be provided. Final As-Builts shall be provided to The City prior to requesting plat recordation.

SEWER LINE TIE-INS

1. All sewer tie-ins to existing manholes shall be cored with a boot.
2. All 6" or greater sewer service lines shall tie into manholes.

PARKING LOTS

1. All parking lots shall be paved.
2. All parking lots to have standard curb and gutter.
3. Curb and gutter to meet the same specification as in street specifications.