



Improvement Plan Checklist

January 25, 2023

General:

- Submit \$500 Preliminary Review Fee to initiate review process. Fee must be paid prior to review.
 - A \$500 Review Fee will need to be paid for each significant change in design or if the latest review was over a year prior.
- Submit water and sewer only.
 - Anything relative to water and sewer.
- Plan set shall include cover sheet, overall utility plan, detailed water sheets, detailed sewer sheets, detail drawings.
- Submit electronic plan and two hard copy full sized (24" x 36") plan sets.
- Include lot and tract numbers on all drawings.
- Provide key map for each sheet.
- Notes and details are updated regularly and posted on the website www.ntmwater.org ; make sure the most recent version is on the plans.
- Show existing water and sewer mains; call out size and pipe material.
- Show all existing water and sewer taps
- Water and sewer taps that are not being used shall be abandoned at the main. Include the following notes:
 - Abandon water service lines at the main; shut corporation stop valve off at the tap.
 - Abandon sewer service lines at the main; cap tee at the tap.
- Indicate sheet number for all match lines.
- If project is phased; provide a separate plan for each phase.
- Show right-of-way with street names and indicate public or private.
- North arrow and scale – numeric and bar.
- Adjacent property ownership identified.
- 36" minimum spacing between service line taps.
- Water/Sewer main must extend 10' past the property line of the lot to be served.
- Lot must front water main, service lines are prohibited to be aligned on private property, other than lot it is serving.

Easements:

- Use District language.
 - Language can be found on the website.
- Submit easement(s) signed by the Owner.
- District will record Easements.
- \$65 fee per easement.
- 20 foot easement required for water only.

- 20 foot easement required for sewer only.
- 30 foot easement required for water and sewer combined.
- Record easement(s) on the plat.
- Include easement and easement recordation number call-out note on Construction Drawings and on Plats:
 - North Table Mountain Water and Sanitation District – 30’ Water and Sewer Easement Reception No _____”.
- The easements for the water and sewer mains that are not in a street must be in a tract.
 - Note on the plans that they are required to have a drive-able surface (road base, gravel, etc.), split rail fence and water/sewer line marker posts.
 - NTM will supply marker posts.
- Developer is responsible for the construction and design of all on-site and off-site improvements required to serve their development.

Cover Sheet:

Name of Development and all applicable information (section, township, range, city, county)

Vicinity Map

“Water and/or Sewer Utility Plans”

List of Contacts to include Project Owner, Developer and Engineer

NTM signature block

Index Sheet

Legend

Detail Water Sheets:

- Connect to existing water main with a wet tap.
- Fire hydrants must be at the end of a main.
- Blow-offs are not allowed.
- Install fire hydrant on the same side of the street as the alignment of the water main.
- Note on each sheet that water main shall be C909 PVC, no exceptions.
- Plan view is acceptable for Detail Water Sheets.
 - Show detail/profile for all utility crossings and mains deeper than 6 feet.
- Sample Station required for all developments.
 - Include call out for sample station, Eclipse #88 by Kupferle Foundry.
- Label water main with pipe size and type.
 - Example – 8” C909 PVC Water Main.
- Fire hydrant leads are C909.
- Fire lines are C909.

Detail Sanitary Sewer Sheets:

- If there is an under drain – show on Sanitary Sewer Sheets
- Underdrain clean-outs are not allowed in sanitary sewer manholes.
- Manholes deeper than 15 feet require 5 foot manhole.
- Clearly highlight (designate) pipe in plan view that is shown in profile view.