

TUD PLAN REVIEW CHECKLIST

PROJECT: _____

General:

- _____ Initial site inspection.
- _____ Scale: 1" = 20', 40' or 50'.
- _____ North arrow.
- _____ Vicinity map.
- _____ Title block.
- _____ Civil engineer's stamp.
- _____ Laterals to each lot.
- _____ Underground utilities shown.
- _____ Utility separations maintained.
- _____ Easements shown and labeled (15' wide).
- _____ Road right-of-ways and property lines shown and labeled.
- _____ Edge of pavement (or gravel) shown.
- _____ Culverts shown.
- _____ 36" min. depth shown on profile.
- _____ Pipeline stationing.
- _____ Erosion control for slopes exceeding 30%.
- _____ Pipeline routing for O&M accessibility (backyards?).
- _____ Vertical/horizontal curves described (Sewer: 6" @ 80' min. radius; 8" @ 110'; water: 6" @ 150'; 8" @ 200'.)
- _____ Pipe size, type and class specified. (Special pipe req'd due to depth, proximity to other utilities or pressure?)
- _____ Pipe information matches T.U.D. drawings: depth, elev., etc.
- _____ Reference T.U.D. details, general notes or at installation labels.

Water:

- _____ Meter accessibility for readers.
- _____ Service sized appropriately for commercial use.
- _____ Service sized appropriately for residential fire sprinklers.
- _____ Combination air/vacs at high points.
- _____ Blow-offs at low points.
- _____ Blow-off or hydrant at dead end.
- _____ Potential for looping to other lines.
- _____ Potential for future extensions - tees vs. 90 s.
- _____ 6' stubs & caps at ends.
- _____ Valves at intersections.
- _____ Valves every 1,000 feet.
- _____ Valve at connection to existing.
- _____ Underground valve at DCDA.
- _____ R.P. Detector Check Assy? (or a letter stating no anti-freeze)
- _____ Fire sprinkler layout approved by Fire Dept.?
- _____ Main line pressure reducers or booster pumps req'd.
- _____ Tank sizing.
- _____ Lots requiring private booster pumps denoted.
- _____ Connection to existing main with hot-tap or system shut-down.
- _____ Sampling station(s).
- _____ Fittings labeled.

Sewer:

- _____ Slopes noted (1% min. w/o special construction).
- _____ Potential for future extensions (4-way manholes?).
- _____ Distance between manholes <400'.
- _____ Manholes required at angle points.
- _____ Manhole rim and invert elevations noted.
- _____ Service laterals shown at lower end of parcels.
- _____ Lots requiring private ejector pumps denoted.
- _____ Proximity to Private or Public Wells.
- _____ Force Main lowpoint blow-off.
- _____ Force Main air/vac.