

**CONSTRUCTION STAKING  
REQUIREMENTS**

**SECTION 10**

**CITY OF LAKEVILLE  
CONSTRUCTION STAKING REQUIREMENTS**

1. SANITARY SEWER:

- A Line and grade stakes shall be set every 25' for the first 100' out of the downstream manhole, and every 50' thereafter to the next manhole.
- B A line reference stake shall be set for each manhole location.
- C Wye locations, stationed from the downstream manhole, shall be staked and the stationing shown on the cut sheets.
- D Proposed elevations of service inverts at 15 feet past the right-of-way line or end of service shall be staked and shown on the cut sheets.
- E Proposed structure top elevation and upstream and downstream invert elevations shall be shown on the cut sheets (manhole castings shall be set .05' below finished street grade).

2. WATER MAIN:

- A Line and grade stakes shall be set every 50' (top of water main shall be staked 7.7' below finished centerline).
- B Fitting locations shall be staked and the stationing shown on the cut sheets.
- C Line and grade stakes shall be set for all hydrants (normally, the top of the operating nut shall be set 2' 11" above the top of curb). A line reference stake shall be set for each hydrant location.
- D Proposed elevations of the tops of curb boxes shall be staked and shown on the cut sheets. Line reference stakes shall be set for curb box locations.

3. STORM SEWER:

- A Line and grade stakes shall be set every 25' for the first 100' out of the downstream manhole, and every 50' thereafter to the next manhole or catchbasin.
- B An offset hub and line reference stake to back of curb shall be set for all catchbasins and catchbasin manholes.
- C Catchbasin top, invert elevations, manhole top elevation and upstream & downstream invert elevations shall be shown on the cut sheets.
- D Line and grade shall be set every 25' from the downstream structure for all draintile.
- E Wye locations, cleanouts stationed from downstream structure shall be staked.
- F An offset hub and line reference stake to end of draintile service stub.

4. STREETS:

- A When centerline stakes are set for grading subgrade, cut sheets shall be provided (unless blue tops are set).
- B Line and grade stakes shall be set every 25 feet and for all begin, mid and end rad points at all street intersections.
- C Cut sheets shall be provided for all curb and gutter construction.

NOTE: ALL CUT SHEETS MUST IDENTIFY BENCHMARKS USED, BENCHMARK ELEVATIONS, ACTUAL HUB ELEVATIONS, PROPOSED ELEVATIONS AND CUTS OR FILLS FOR ALL ENTRIES. It is also imperative that the Contractor and Project Representative for the City have cut sheets in hand prior to construction. The City will order Contractor to cease working whenever this requirement is not met.