



Department of Public Works

**Lake County Public Works Department
Standard Record Drawing Requirements
May 22, 2019**

SANITARY SEWER IMPROVEMENTS

1. ALL MANHOLES SHALL BE NUMBERED WITH CORRECTED RIM AND INVERT ELEVATIONS PROVIDED AND SHALL BE LOCATED FROM TWO (2) ABOVE GROUND, PERMANENT STRUCTURES OR GPS POINT.
2. ALL PIPES SHALL INCLUDE LINEAL FOOTAGE BETWEEN CENTER OF MANHOLES, DIAMETER OF PIPE, MATERIAL TYPE, AND CORRECTED SLOPE.
3. ALL SEWER SERVICES SHALL BE IDENTIFIED BY STATIONING FROM THE NEAREST DOWNSTREAM MANHOLE. INFORMATION REQUIRED INCLUDES LINEAL FOOTAGE OF LATERAL, LENGTH OF RISER, PIPE DIAMETER, AND PIPE MATERIAL. THE UPSTREAM END OF ALL NON-CONNECTED SEWER STUBS SHALL BE LOCATED FROM TWO (2) ABOVE GROUND, PERMANENT STRUCTURES OR GPS POINT AND HAVE THE DEPTH OF THE STUB IDENTIFIED.

WATER MAIN IMPROVEMENTS

1. ALL VALVE VAULTS OR VALVE BOXES ON PUBLIC LINES SHALL BE NUMBERED AND THEIR LOCATIONS TIED TO TWO (2) ABOVE GROUND, PERMANENT STRUCTURES OR GPS POINT.
2. ALL WATER MAINS SHALL BE IDENTIFIED BY PIPE DIAMETER AND MATERIAL TYPE. EACH BEND AND TEE SHALL BE TIED TO TWO (2) ABOVE GROUND, PERMANENT STRUCTURES OR GPS POINT. THE PIPE SHALL BE TIED TO A PERMANENT STRUCTURE AT A MINIMUM OF 100' INTERVALS.
3. ALL WATER SERVICES SHALL BE IDENTIFIED BY PIPE DIAMETER, PIPE MATERIAL, AND LOCATION OF B-BOX. THE LOCATION OF THE B-BOX SHALL BE TIED TO TWO (2) ABOVE GROUND, PERMANENT STRUCTURES OR GPS POINT.
4. AN AS-BUILT WATER MAIN PROFILE SHALL BE PROVIDED WITH TOP OF PIPE ELEVATIONS AT KEY LOCATIONS (BENDS, PIPE CROSSINGS, VAULTS, DEFLECTIONS, ETC.) AND DEPTH BELOW FINISHED GRADE.