



Engineering Department
20 East Main Street 5th Floor
P.O. Box 1466
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480.644.2251 Tel

CONTRACTOR'S RECORD DRAWING REQUIREMENTS

Sewer:

1. Station sewer manholes, stubs, and services starting with 0+00 at first manhole from south or west.
2. Provide ties for blow-offs or clean outs.
3. Mark Lined Sewer Manholes clearly on plans.
4. Provide manhole rim and invert elevations.
5. Property line ties for sewer services are required.

Water:

1. Include fire line ties.
2. Include private fire hydrant information.
3. Provide property line ties for services
4. Provide ties for water stubs.

Storm Drain:

1. Station storm drain manholes and catch basins starting with 0+00 at first manhole from south or west.
2. Provide manhole rim and invert elevations, catch basin, and headwall elevations.

Conduit:

1. Street light conduit information is not needed except where traffic signal conduit may tie into a pullbox.
2. Traffic signal and e-street conduit needs ties.
3. Fiber optic conduit is dimensioned from the street centerline with stationing at points where alignment changes.
Size and quantity should be noted.
4. Try to do ties based on monuments. Or provide stationing for monuments as related to conduit ties.
5. Fiber optic pull boxes are tied in two directions (x-y).

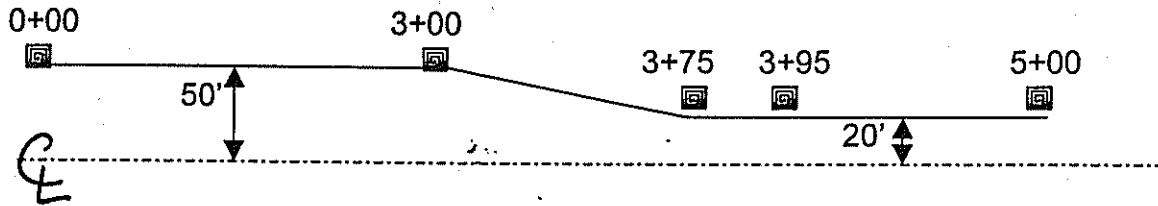
Miscellaneous:

- Submit one full-size, bond set of Record Drawings to the Construction Inspector. This should be done on the "A-numbered, City approved" set provided at the pre-job.
- If plan sheets were revised and differ from "A-numbered" set provided at pre-job, please provide full-size bond copies of revised sheets.
- Verify or clearly mark where phases stop:
- Note all water & sewer lines/services not installed.
- Use red ink for marking up plans if possible.
- Don't combine sets or multiple projects in same area. Keep each set separate.
- Provide sketches to clarify areas that are confusing or totally different than design plan.
- Private, on-site utility "as-built" information is not required but useful. The City's GIS group typically maps private utility information when available.

AS BUILT REQUIREMENTS

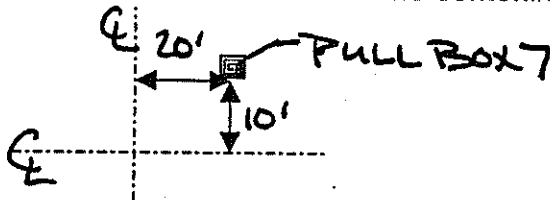
CONDUIT

- Offsets should be off of the centerline, please do not show offsets from back of curb, sidewalk or walk.
- When jogs occur along the conduit run, please show offset distance from the centerline and stationing distance. Example below:



PULL BOXES

- If a pull box schedule is not shown, note the size of new pull boxes and locations as offsets from the centerline. Example below:



- Please note on plan if the pull boxes shown are new or existing. Please note on plans for new and existing pull boxes, their size and location.