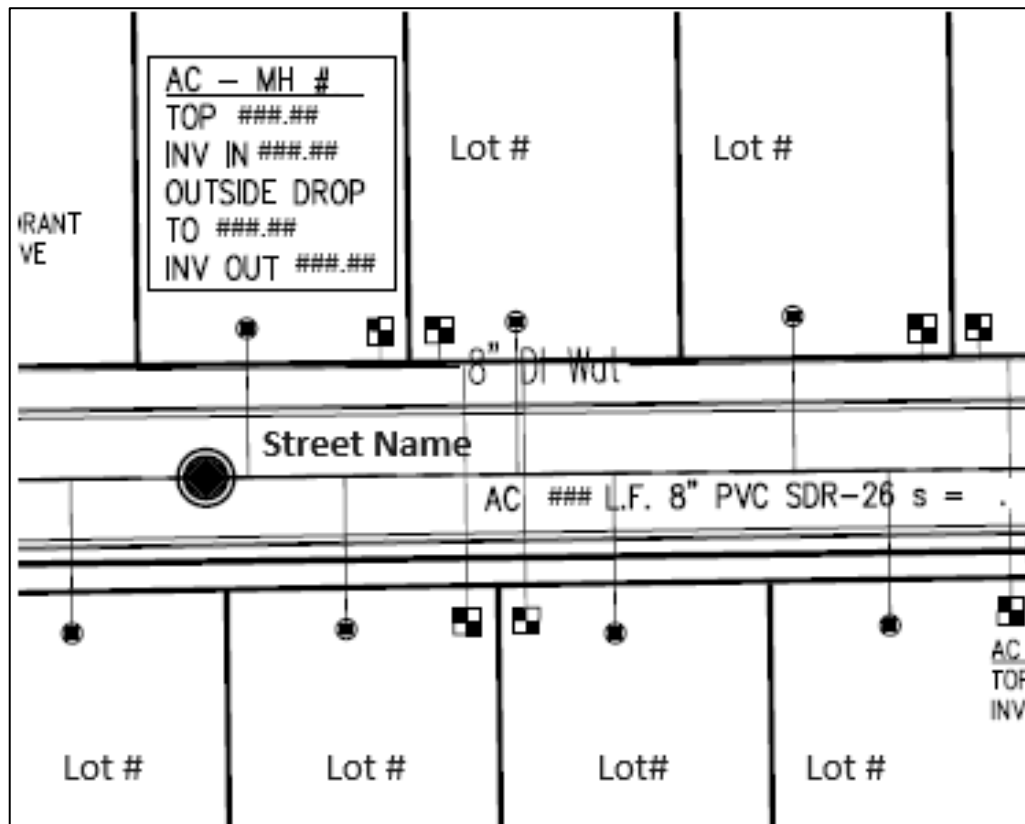




As-Built and Walkthrough Requirements

As-Built

1. The as-built should include:
 - a. Street names
 - b. Lot lines and lot numbers
 - c. Water main location
 - d. Valve boxes (including valves at tie-in locations)
 - e. Fire Hydrants
 - f. Water meter boxes
 - g. Water service lines
 - h. Manholes with rim and invert elevations
 - i. Sanitary sewer pipe location, material, slope, and length
 - j. Sanitary sewer laterals
 - k. Force Main (and any air reliefs)
 - l. Scale should be 1":50' or larger





Walkthrough

1. Minimum Conditions:

a. Roadway Conditions

- LCWSA Water Only: Curb and Base
- LCWSA Water and Sewer: Curb, Base, and Binder

b. Tests passed

- Water: Pressure Test
- Sewer: Vacuum Test, TVI Inspection

2. Valves and Hydrants:



- Valves are centered in valve boxes
- Valves have wire coming up to the top of the valve boxes
- Wire is attached to main line
- Deeper valves have extensions installed
- Concrete collars (donuts) or poured concrete around the top of valve boxes



- Hydrants are straight, facing the street, and on final grade

3. Meter Boxes:



- Curbstop is straight inside meter box
- Wire is inside the meter box
- Meter box is intact and at final grade
- Curbstop installed allowing enough room for meter installation
- Antenna knockouts towards house
- At least one (1) antenna cap present
- Inside depth is correct (box hasn't been cut down)
- Gravel bed is clean and sufficient
- No mud washed inside the box

4. Blow-Off Assemblies:



- Blow-off Assembly is inside meter box
- Blow-off is centered in meter box
- Cap is present but able to be taken off

5. Sewer Laterals:



- Clean
- Sides are smooth and straight
- No standing water
- Steps aligned
- Inverts smooth (no grout, debris, etc.)
- No leaks

6. Sewer Laterals:



- Marker pipe for the end of the lateral is visible.