

WATER RECORD DRAWING REQUIREMENTS

1. The Title shall include:
 - a. "Record Drawing";
 - b. The Name of the project; and
 - c. The Block and Lot of the project.
2. Main pipes shall indicate the sizes and material. Pipes shall be located by offset measurements where installed, at maximum 500 foot intervals.
3. Valves shall be shown in line and triangulated.
4. Service lines shall indicate the sizes and material. Curb stops shall be stationed/offset from the nearest down stream manhole where possible, or triangulated. If possible, the curb box shall be triangulated to the corners of the house.
5. Curb boxes should be shown where required---between the curb and the sidewalk or back by the property line.
6. Bends shown shall have the degree of curvature noted. Bends shall be stationed/offset from the nearest down stream manhole where possible, or triangulated.
7. Hydrants shall be located by station/offset.
8. The distance between the hydrant and the hydrant valve shall be shown.
9. The plans shall list the manufacturer names and model numbers of the material used for the main pipes, hydrants, valves, valve boxes, service tubing, curb stops, curb boxes, corporations and/or for any other material used.
10. The plan shall be signed and sealed by either a Professional Engineer or a Land Surveyor.
11. All existing lines, lines by others or future lines shall be shown with different symbols.
12. An approval 'Signature Block' shall be provided along with the contractor's name and dates of construction.
13. The plan shall show all final tax map Lot and Block numbers for all developed and adjacent lots.
14. Street names and right-of-way widths shall be shown.
15. The North Arrow and a legend of symbols shall be shown.
16. The plan shall show all easements.
17. Water storage tanks, wells, well houses, booster pump stations, water treatment plants require all site location data, all equipment data, operation manuals, electrical wire diagrams, controls, heating, ventilating, air conditioning and plumbing data as installed.
18. The original submittal should include two sets of prints for review: one for the Consulting Engineer and one for the Authority.

Upon final approval of the record drawings, six (6) copies of prints, one (1) electronic file in AutoCAD format and one (1) reproducible copy will be required.

SEWER RECORD DRAWING REQUIREMENTS

1. The Title shall include:
 - d. "Record Drawing";
 - e. The Name of the project; and
 - f. The Block and Lot of the project.
2. Main pipes shall indicate the sizes, length, slope, flow direction (with arrows) and material. Pipes shall be located where installed.
3. Should a slope be below the New Jersey Department of Environmental Protection minimum, a calculation by the design professional engineer on velocity must be submitted.
4. Main pipe inverts at manholes shall be NGVD 1929 elevations and the benchmark shall be shown.
5. Manholes shall be located by stations from the downstream manhole. Rim and invert elevations shall be shown.
6. Service laterals shall indicate the sizes and material. Lateral pipes shall be shown where they connect to the main and the cleanout. Cleanouts shall be located by station/offset or triangulation. If possible, the cleanout shall be triangulated to the corners of the house.
7. Cleanouts should be shown where required---between the curb and the sidewalk or back by the property line.
8. The plans shall list the manufacturer names and model numbers of the material used for the main pipes, manholes, manhole covers, cleanout fittings and/or for any other material used.
9. The plan shall be signed and sealed by either a Professional Engineer or a Land Surveyor.
10. All existing lines, lines by others, or future lines shall be shown with different symbols.
11. An approval 'Signature Block' shall be provided along with the contractor's name and dates of construction.
12. The plan shall show all final tax map Lot and Block numbers for all developed and adjacent lots.
13. Street names and right-of-way widths shall be shown.
14. The North Arrow and a legend of symbols shall be shown.
15. The plan shall show all easements.
16. Sewerage pumping stations, lift stations, force mains, treatment plants, and sewerage collection system structures require all site location data, all equipment data, operation manuals, electrical wire diagrams, controls, heating, ventilating, air conditioning and plumbing data as installed.
19. The original submittal should include two sets of prints for review: one for the Consulting Engineer and one for the Authority.

Upon final approval of the record drawings, six (6) copies of prints, one (1) electronic file in AutoCAD format and one (1) reproducible copy will be required.