



**CITY OF ATLANTA
DEPARTMENT OF WATERSHED MANAGEMENT
STORMWATER AS BUILT SURVEY REQUIREMENTS**

From Section 74-516 (b) of the City of Atlanta Code of Ordinances, “All applicants are required to submit an electronic format as determined by the department of watershed management, and a paper format of the actual "as built" plans for any stormwater management facilities or practices after final construction is completed. The plan must show the as built configuration for all stormwater management facilities and practices and must be certified by a professional engineer.”

A paper copy of this survey and attached “Engineer’s Certificate” will be given to the Environmental Compliance Inspector of the given site, and an electronic copy (.pdf) of each will be emailed to the Site Development Division, ceadair@atlantaga.gov.

It shall be at all times the responsibility of the engineer of record to accurately model and report the conditions on the site, AFTER CONSTRUCTION. All labeling shall be consistent with the approved hydrology study and maintenance agreement.

All as built drawings must be georeferenced to the US State Plane coordinate system, NAD 83, GA West Zone, US Survey Feet. All drawings must contain two reference pins (i.e. property corners).

The following items must be shown on the survey:

1. Seal and signature of engineer of record (in addition to surveyor’s seal and signature if applicable);
2. Place the following statement on the survey, “The City of Atlanta accepts no responsibility for errors or omissions from this survey.”
3. Location, diameter, pipe material, and invert elevations (up- and downstream) of all stormwater conveyance pipes;
4. Label accordingly the location of all catch basins, inlets, headwalls, swales, drainage easements, junction boxes, and manholes;
5. For each water quality device (on- or offline of detention facility), provide the location, detailed description, volume, cross-sectional diagram and a detail of the outlet control and bypass/diversion structures.
6. The location and name of each stormwater detention facilities (dry extended detention pond, wet pond, underground vault, underground oversized pipes, etc.) For each stormwater detention facility on the developed property, provide:
 - a. Location of the facility in respect to property lines, public roads R/W, and other easements;
 - b. Maintenance access easements;
 - c. Dimensions of facility (pond, vault, oversized pipes, etc.);
 - d. Two foot elevation contours and pertinent spot elevations;
 - e. Both the elevation at the bottom of the facility in front of the outlet control structure and the opposite end of the facility to verify positive drainage;
 - f. Width of dam at the top of dam (if applicable);
 - g. Location, cross-sectional diagram, and dimensions of auxiliary/emergency spillway (if applicable);
 - h. Freeboard above the 100 year water surface elevation;
 - i. Delineate maximum ponding elevation and limits of ponding; and
 - j. Show a detail of the outlet control structure, including:
 - i. the following elevations (if applicable)- top of outlet control structure or wall, permanent pool, 100 yr overflow weir/spillway, channel protection orifice/weir, channel protection volume, water quality orifice (for wet pond), water quality volume, 25 year water surface, 100 year water surface, outlet control pipe invert elevation at structure, outlet control pipe invert elevation at downstream headwall, and ALL inlet headwall elevation(s) in the pond;
 - ii. the following dimensions – shape and size of outlet control structure, wall, dam, detention weir/orifice size, channel protection orifice size, water quality orifice size, and outlet pipe;
 - iii. the maximum height of water above inverts for each of these conditions – water quality, channel protection, and the 2, 5, 10, 25, 50, & 100 yr storm event detention (if applicable);
 - iv. the volumes for water quality, channel protection, 2, 5, 10, 25, 50 & 100 yr storm event detention, and wet pond storage (if applicable);
 - v. outlet pipe discharge velocity, V_{25} , and dimensions, depth, and average rock size of outlet protection (St); and
 - vi. a detail of the trash rack.