



ENGINEERING DEPARTMENT

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As-Built Plan Checklist

X - Information provided is insufficient or missing, see attached comments.
 ≤ - Information provided is satisfactory.
 NA - Not applicable to this job.

Reviewed by: _____
Date: _____

Project Name: _____
Phase/Parcel No: _____
Plan Type: _____
Location: _____
Design Firm: _____
As-Built Firm: _____

General (Applies to all Plan Sets)

Item	
<input type="checkbox"/>	Plans/data without an As-Built Surveyor/Engineer's seal will not be accepted or reviewed.
<input type="checkbox"/>	If As-Built surveyor is different from design engineer, provide surveyor contact info on cover sheet.
<input type="checkbox"/>	Place "As-Built" stamp and date in lower right corner of all sheets.
<input type="checkbox"/>	Items built exactly per plan shall have the elevations/stations notated within parenthesis and marked "AB."
<input type="checkbox"/>	Items deleted in the field shall be crossed out and marked "not built."
<input type="checkbox"/>	Any revision made in the field shall be reflected and clearly called-out.

Grading Plans; Partial

Item	
<input type="checkbox"/>	Top of Wall elevations for all retaining walls.
<input type="checkbox"/>	Top and bottom elevation and slope of drainage channels with sufficient number of spot elevations to determine design intent along the flowline.
<input type="checkbox"/>	Finished Pad elevations for all lots.
<input type="checkbox"/>	Provide necessary lot corner grade elevations.
<input type="checkbox"/>	Top and bottom elevations of all basins, including weirs. Elevations at all corners and angle points.

Grading Plans; Final

Item	
<input type="checkbox"/>	All items listed above for the partial as-built grading plans.
<input type="checkbox"/>	Spot elevations as needed.
<input type="checkbox"/>	All storm sewer pipe and structure inverts, inlet and outlet.
<input type="checkbox"/>	Recalculate storm sewer longitudinal pipe slopes.
<input type="checkbox"/>	Rim elevation for drywells and storm sewer manholes.
<input type="checkbox"/>	Top of sidewalk elevations for on-site or off-site sidewalk outside right-of-way, detached or located in an open space area or basin.

Sewer Plans

Item
Sewer manhole invert worksheets completed.
Stations for all manholes, cleanouts, services, and lateral - stub-outs. (plan and profile)
Manhole pipe invert elevations. (in and out) Must designate invert direction, i.e. N,S,E, or W.
Pipe lengths. (plan and profile)
Recalculate all longitudinal pipe slopes for all pipe runs.
Manhole rim elevations. (after paving is complete)
Sewer main line, manhole, and lateral off-set dimensions. (from monument line)
End of service line inverts per City construction specifications. For residential subdivisions, every fourth lot.
Lateral and stub-out lengths, invert elevations, and slopes. (where applicable)

Water Plans

Item
Stations of all water services including landscape.
Station and monument line off-set dimension for all fire hydrants.
Station and monument line off-set dimension for all water valves, blow-offs, air releases, meter boxes, backflow devices, sampling stations, etc.
Monument line off-set dimension of all water main lines.
Station and monument line off-set dimension for all bends and tees.
Monument line off-set dimension, pipe length and stations of all water lateral/stub-outs.
Elevations and stations for all pipe deflections/dips.
Station and length of pipe encasements.

Paving Plans; Partial (Concrete Only)

Item
Concrete including gutter elevations at returns, valley gutters, grade breaks, aprons, catch basins, scuppers, bus bays, and right-turn/decel lanes.
Flowline elevations at aprons/valley gutters.
Recalculate all longitudinal gutter slopes, including cross-street valley gutters.
Provide invert elevations for storm sewer pipes.
Provide centerline stationing of all driveways(6-in C&G only).

Paving Plans; Final

Item
All items listed above for the partial as-built paving plans.
Station and installation verification of all survey monuments.
All gutter and pavement grade break elevations.
Calculate as-built street cross-slopes. (every 250-ft)
Station and curb flowline elevations of all scuppers and spillways.
Station and curb flowline elevations for all catch basins.
Pipe inverts (inlet and outlet) and grate elevations for catch basins, headwalls, and other drainage structures.
All storm sewer pipe and structure inverts, inlet and outlet.
Recalculate storm sewer pipe longitudinal slopes.
Storm sewer manhole rim elevations.
Traffic signage locations (where applicable).
Paving tapers and transition stationing and widths.
Sleeving locations and stations.
Spot elevations as needed.
Top of sidewalk elevations for detached sidewalk along streets.

Street Lights and Traffic Signal Plans

Item	
	Station location and monument line off-set dimension for all street lights.
	J-box verification and location.
	Location of all traffic signal poles, cabinets, J-Boxes, and related conduits.
	Loop detector verification and location.
	Note any abandonment of existing conduits and facilities.
	Verification and location of signage related to traffic signal.