



STORMWATER MANAGEMENT COMMISSION

As-built Review Checklist
(Revised December 2021)

Please provide the following information as indicated when submitting as-built plans for approval. Please ensure that the as-built information is annotated onto the permitted construction plans and is not a stand-alone current conditions exhibit. Plans should be provided in a digital format (PDF).

- Spot elevations and/or contours for cut and fill areas located in the Regulatory Floodplain.
- Floodplain cut and fill calculations* based on the as-built survey.
(Benchmark – NAVD88 datum)
- Spot elevations and contours for all constructed detention and water quality treatment facilities, including:
 - 2-yr and 100-yr water elevation contours
 - Flared end section and restrictor sizes/invert elevations
 - Detailed topography for the emergency overflow spillway
 - Top of berm spot elevations surrounding detention facility
- Detention volume calculations* and summary (for both the 2-yr and 100-yr events) based on the as-built survey.
- Storm sewer locations, sizes, inverts and rim elevations. Provide storm sewer network information is a digital file (CAD and/or GIS file).
- Top of curb elevations at locations of overland flow paths.
- Overland flow path (swale) as-built cross-section survey (a minimum of two cross-sections, each with at least three points, i.e., one on either bank and one at the invert).
- Low-floor elevations/lowest adjacent grade elevations for structures adjacent to Regulatory Floodplain, overland flow paths, or detention facilities.
- Verification of at least 70% vegetative coverage by perennial species, on an areal basis.
- Plants comprising a minimum of 50% native vegetation per approved seed/plant list on the permitted plan set.
- Verification of required native vegetation planted (seed tags, invoices) listing species by scientific name.

* As-built calculations need to be signed, sealed and dated by an Illinois Licensed Professional Engineer.