City of Alexandria, Virginia

MEMORANDUM

MEMORANDUM TO INDUSTRY NO **2019-08**

DATE: 6/13/2019

TO: DEVELOPERS, ARCHITECTS, ENGINEERS, AND SURVEYORS

FROM: JESSE MAINES, DIVISION CHIEF, STORMWATER MANAGEMENT, TRANSPORTATION AND ENVIRONMENTAL SERVICES

SUBJECT: STORMWATER AS-BUILT REQUIREMENTS

BACKGROUND: The City of Alexandria (City) has been delegated the authority by the Virginia Department of Environmental Quality (VDEQ) to administer the Virginia Stormwater Management Program (VSMP) for all land disturbing activities within the City of Alexandria. In accordance with the VSMP regulations, all land disturbing activities equal to or greater than 2,500 square feet are required to submit a stormwater management plan for review and approval. Typically, these plans include a stormwater best management practice (BMP) that is constructed to meet state phosphorous reduction requirements and/or the City's water quality volume default. The City maintains records on all BMPs and storm sewer infrastructure constructed within the City. This information is vital to performing operations and maintenance, planning for future development and designing future infrastructure improvement projects.

RATIONALE: Per Section 9VAC25-870-108 E. of the VSMP regulations, as the VSMP authority, the City must require the submission of construction record drawings (as-built plans) for permanent stormwater best management facilities. All grading plans, development site plans, and development special use permits installing BMPs for regulatory compliance must submit an as-built plan for review and approval.

BMP facilities involve the construction of underground elements that are essential to the proper functioning of the BMP. The completion of construction inspection checklists and photo documentation during the construction process will aid in demonstrating that the BMPs have been constructed per the approved plans. This requirement for submittal is in addition to the requirement for certification of proper functioning by the design engineer. These must be submitted along with the as-built plans.

To ensure all public infrastructure data is up to date and accurate, CAD/shapefile storm sewer data must be submitted to the City for integration into the City's ArcGIS system for all site plans. Grading plans that install public storm sewer infrastructure must also submit all new storm sewer information. Grading plans that do not install public storm sewer infrastructure must only submit the stormwater as-built plan drawings, completed BMP construction inspection checklists with associated photos, and any required certification letters from the design engineer.

ACTION REQUIRED: Beginning with the effective date of this memo, all grading plans, development

site plans, and development special use permits installing BMPs for regulatory compliance must provide a complete as-built stormwater submittal for review and approval. The requirements of the as-built submittal can be found in the *City of Alexandria's As-Built Stormwater Requirements* document found on the City's website.

EFFECTIVE DATE: Development site plans and development special use permits with site plans that receive approval from Planning Commission on or after Septemer 1, 2019 must apply with this policy. Grading plans that submit a final 1 plan on or after September 1, 2019 must comply with this policy.