Division V

Section 5400

Stormwater

Design

DIVISION V
CONSTRUCTION AND MATERIAL SPECIFICATIONS

SECTION 5400 STORMWATER DESIGN
(Revised November 1, 2023)

SECTION 5400
DESIGN CRITERIA
(Revised November 1, 2023)

<u>**5400 STORMWATER DESIGN**</u>

<u>**5401 GENERAL**</u>

5401.1   Purpose

The purpose of these design criteria is to provide quality and consistency in the City of Manhattan for stormwater systems, including storm sewers, concrete reinforced boxes, drainage studies, detention facilities, post-construction BMPs, energy dissipaters, and open channel structures which are designed and constructed. These criteria also address natural stream and environmental protections.

5401.2   Scope

These specifications are intended to cover the construction procedures and materials for the storm sewer systems and facilities design and other miscellaneous storm water items routinely constructed within the City Limits of Manhattan. This section was revised as of November 1, 2023 via Amendment 12. All previous versions of this section are rescinded.

<u>**5402 DESIGN CRITERA**</u>

5402.1 The City's current standard for this section is the **Stormwater Management Criteria** (SMC) for the City of Manhattan, issued October 10, 2023 or as subsequently amended. The **Post-Construction Best Management Practices (BMPs) Manual**, as referenced in Chapter 9 of the SMC along with any subsequent amendments, is likewise adopted as part of the design criteria. Both manuals are available on the City's website at www.cityofmhk.com. The most current edition of the Design Submittals Workbook will be used for submittals.

5402.2 Allowable release rates for new detention shall be determined using the procedure given in Chapter 8 of the SMC.