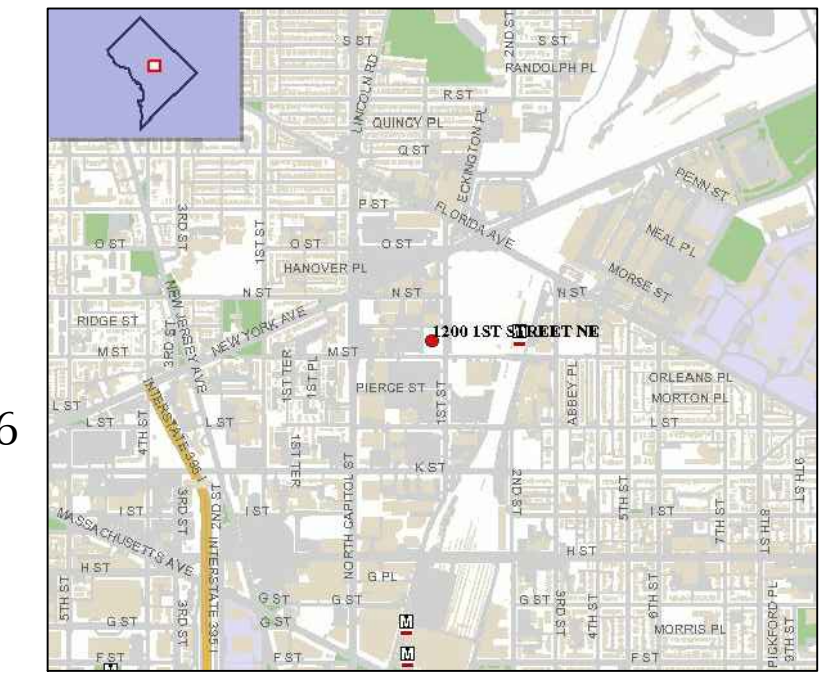


PROJECT NARRATIVE

Two bio-retention systems have been designed to treat stormwater runoff from the sidewalk and streets surrounding 1200 First Street, NE. The bioretention systems are located within 2 existing landscaped areas within the sidewalk. These systems will capture and filter stormwater runoff. The collected runoff will be slowly discharged back into the combined sewer system through an underdrain. Some water may evaporate, or infiltrate into the native soil, and reduce the volume of stormwater discharged into the municipal system. The maximum depth of each system measured from the sidewalk is 16", and the maximum slopes of graded surfaces is 3:1.

PROJECT INFORMATION

1200 First Street, NW Washington DC 20002
 LOT #849, Square #672
 Client: DDOE - address is project location
 Contact Person: Russ Clark - (202) 658-8938
 email: russell.clark@dc.gov
 Agent/Contractor: Justin Thorn - (202) 257-6996

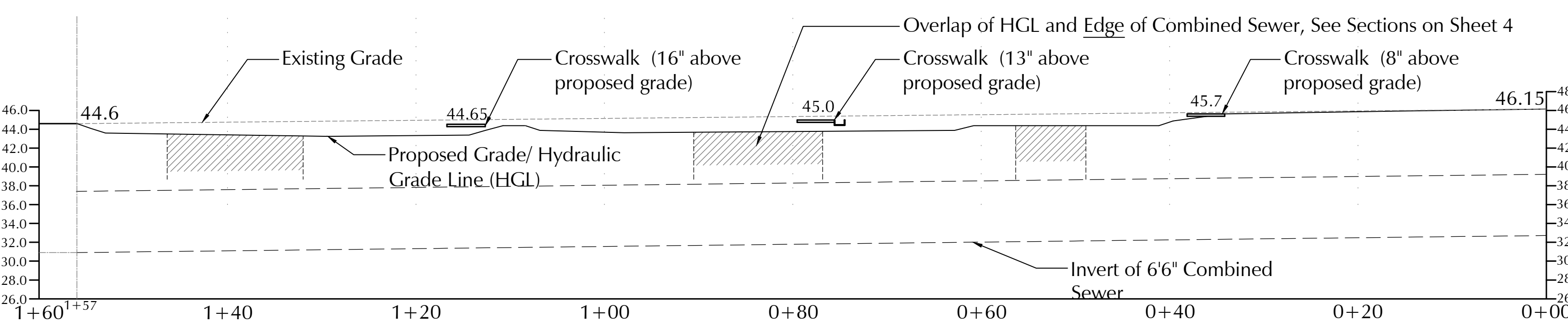
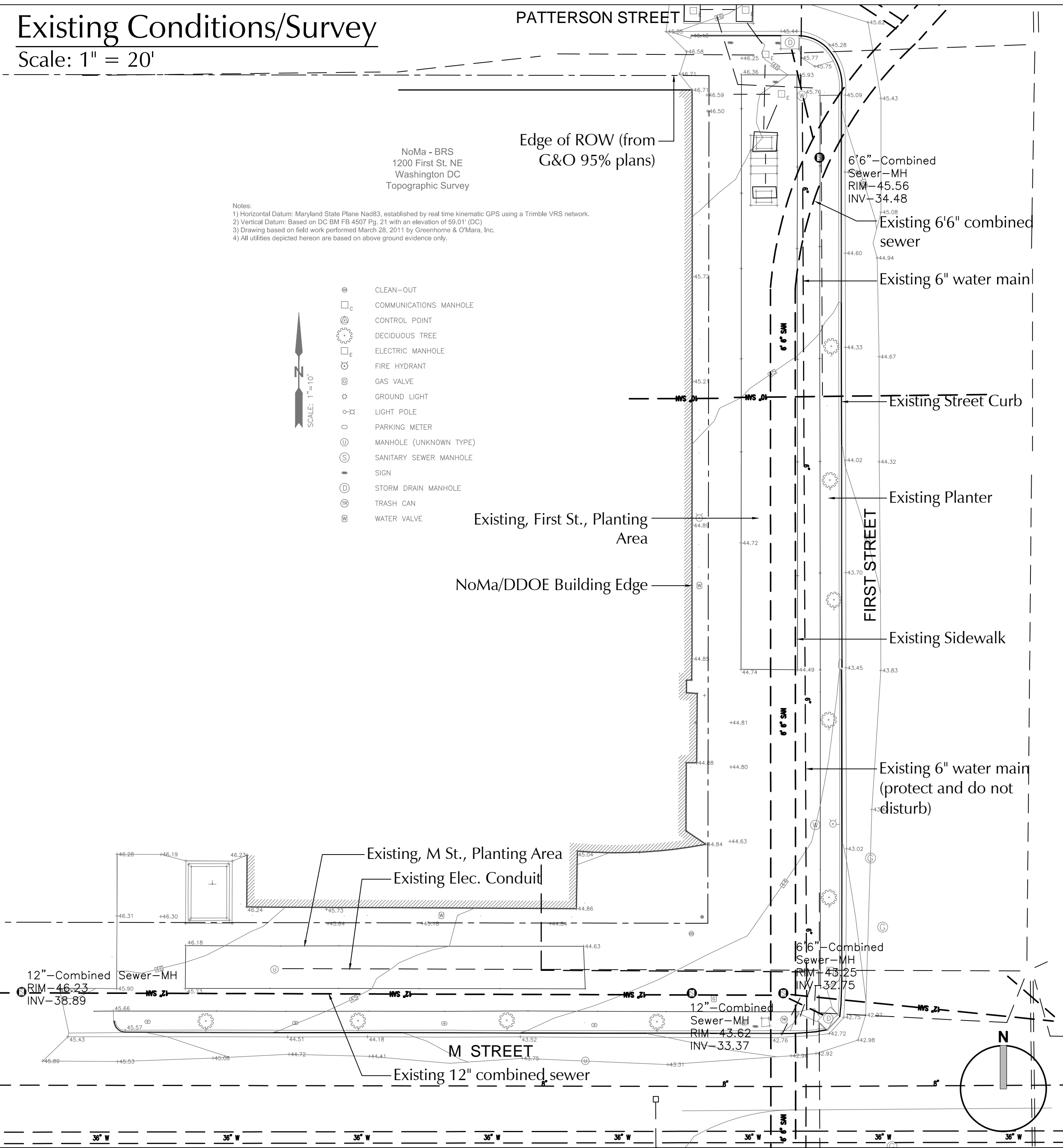


Site Location Map
 Scale: 1" = 2000'



Existing Conditions/Survey

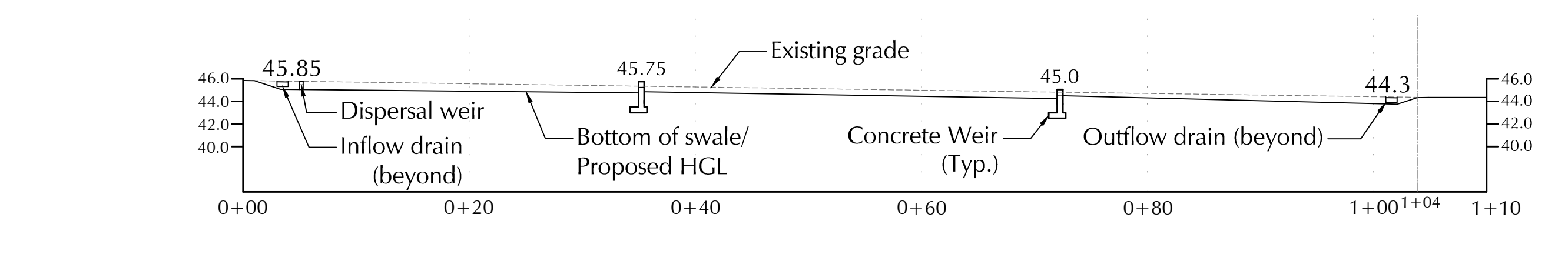
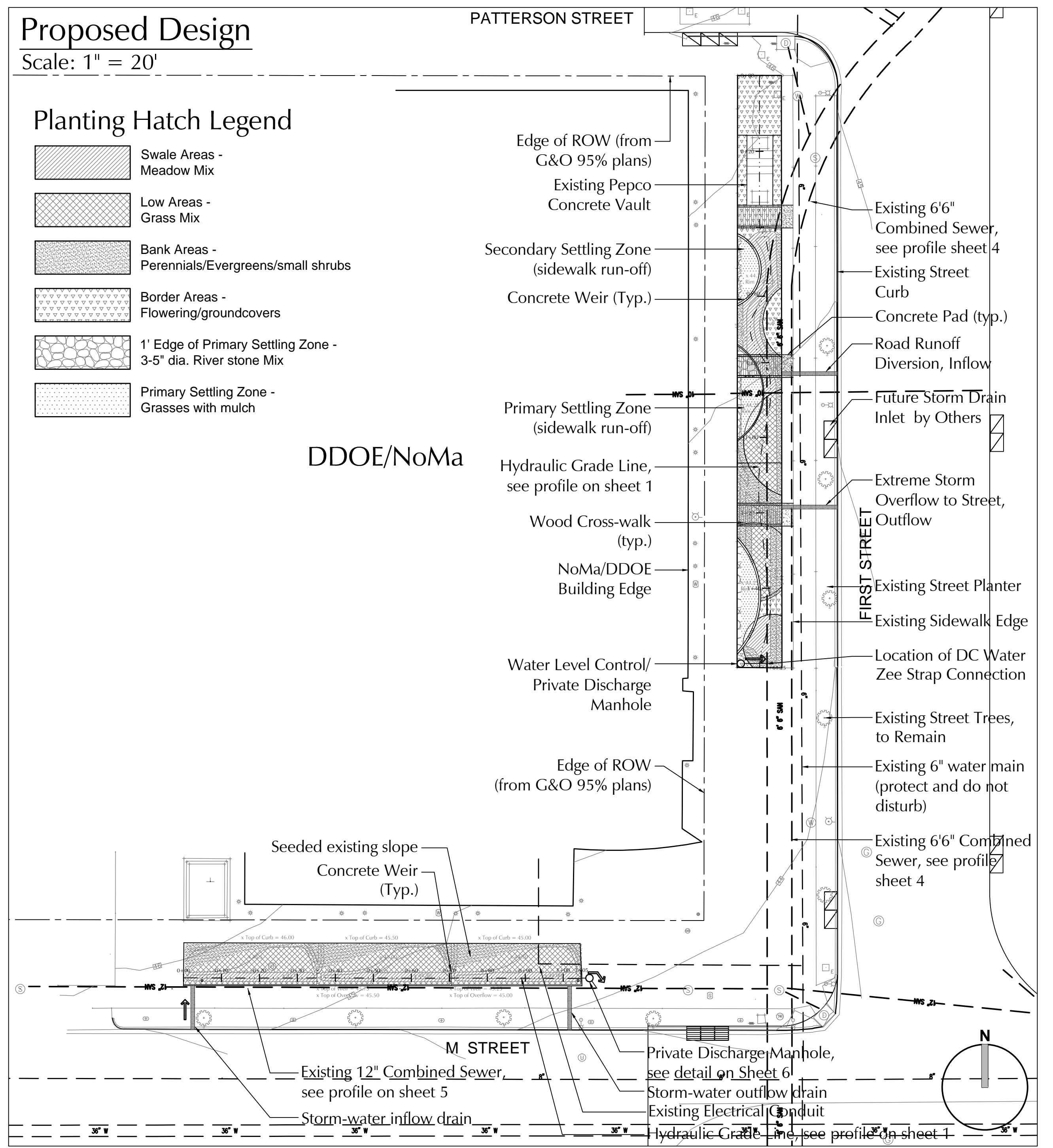
Scale: 1" = 20'



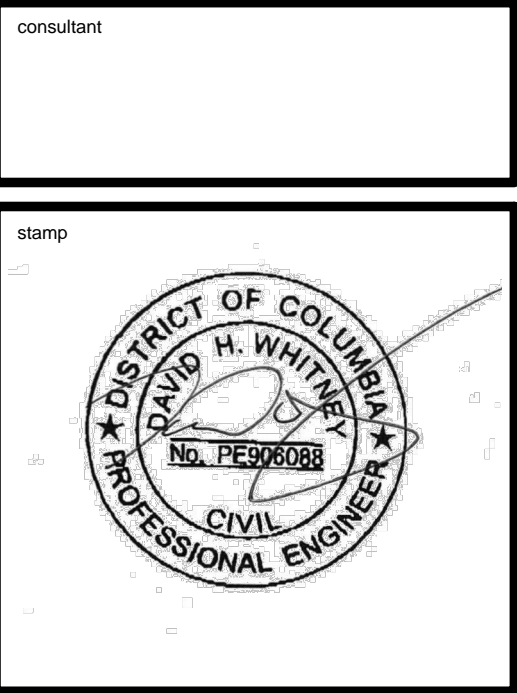
First St. - Hydraulic Grade Line Profile
 Scale: 1" = 10'-0"

Proposed Design

Scale: 1" = 20'



M St. - Hydraulic Grade Line Profile
 Scale: 1" = 10'-0"



DDOE/NoMa -
 Bio-Retention Systems
 1200 First St. NE
 Washington DC

Existing Site & Proposed Design

revisions	by:	date:

drawn by: JKT checked by: DFW
 date: December 14, 2011
 scale: as noted
 sheet: **1**
 1 of 7
 job number: 10-042