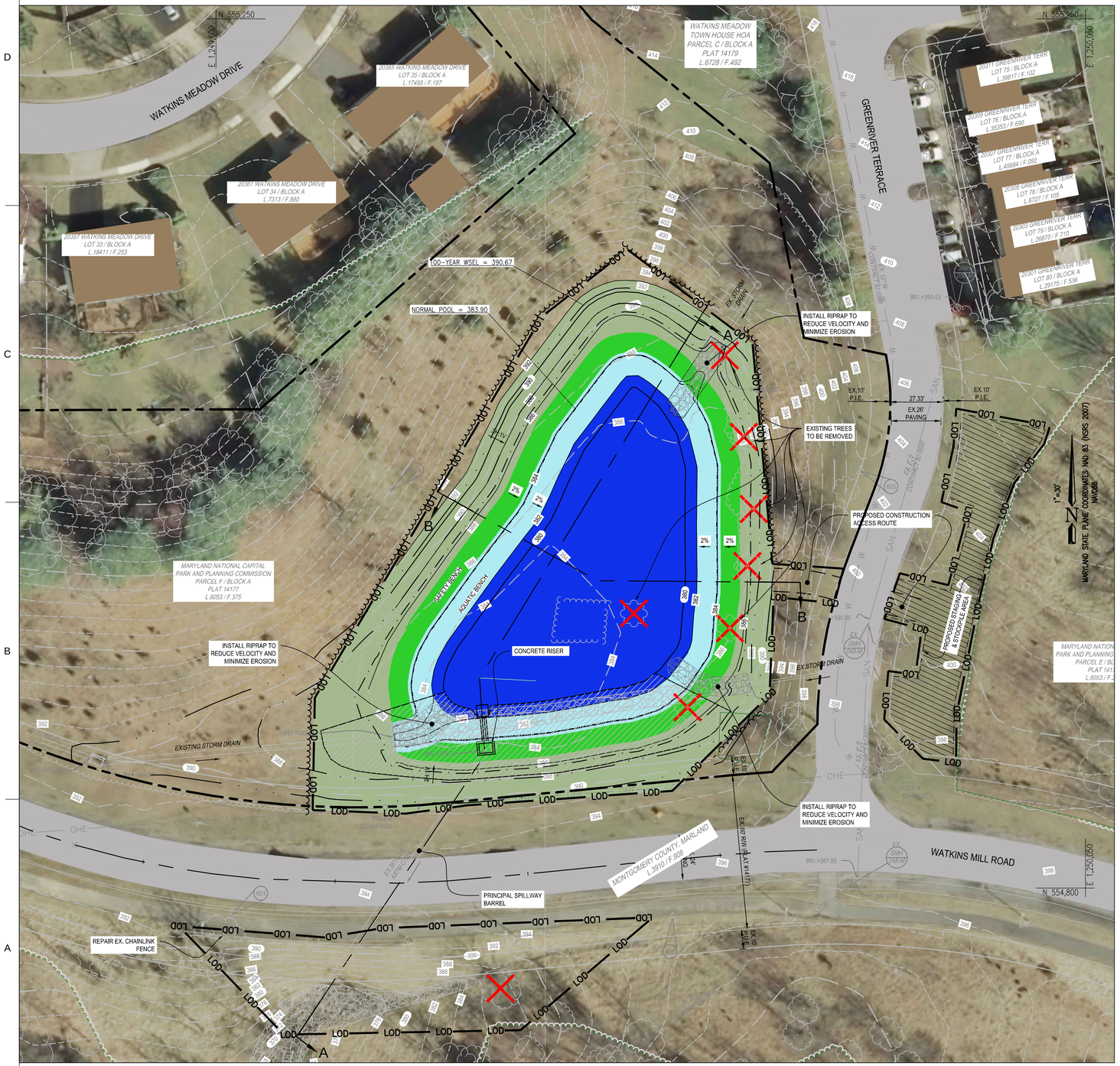
WATKINS MEADOW STORMWATER MANAGEMENT POND RETROFIT PROJECT

MONTGOMERY COUNTY DEPARTMENT OF ENVIRONMENTAL PROTECTION MIDDLE GREAT SENECA CREEK IN THE POTOMAC RIVER WATERSHED



ASSET #10855 PROPOSED RETROFIT CONCEPT PLAN VIEW

FIGURE 1.
REPLACE EXISTING RISER AND RE-GRADE POND TO PROVIDE ADDITIONAL TREATMENT CAPACITY.

FIGURE 2.
EXISTING CHANNELS WILL BE REALIGNED AND STABILIZED TO REDUCE DISCHARGE VELOCITIES TO NON-EROSIVE LEVELS AND PROVIDE BETTER FUNCTIONALITY IN THE POND.

FIGURE 3.
EXISTING LOW FLOW SYSTEM WILL BE UPGRADED TO PREVENT DEBRIS BLOCKAGE.

FIGURE 4.
UNWANTED VEGETATION WILL BE REMOVED FROM FACILITY.

FIGURE 5.
THE EXISTING POND WILL BE CONVERTED TO A WET POND AND NATIVE PLANTING WILL BE PROVIDED IN AND AROUND THE FACILITY TO INCREASE QUALITY, AQUATIC HABITAT AND AESTHETICS.

Department of Environmental Protection
Montgomery County Maryland

MARK	DESCRIPTION	DATE	APPR.

MARK	DESCRIPTION	DATE	APPR.

DESIGNED BY: JAB
DWN BY: ADG
CKD BY: JBB
SUBMITTED BY: JBB
DATE: MAY, 2014
TASK ORDER NO.: 12-03
CONTRACT NO.:
PLOT SCALE: 1"=30'
PLOT DATE: 7/24/2014
FILE NAME: 03-EX-02.DWG
FILE NUMBER:

MR. CRAIG CARSON, 240-777-7713
MONTGOMERY COUNTY DEPARTMENT OF ENVIRONMENTAL PROTECTION
255 ROCKVILLE PIKE
ROCKVILLE, MD 20850

CPJ Associates

TASK ORDER 12-03
WATKINS MEADOW - SWM POND RETROFIT
(ASSET #10855) - NOT FOR CONSTRUCTION
GERMANTOWN (9TH) ELECTION DISTRICT
MONTGOMERY COUNTY, MARYLAND

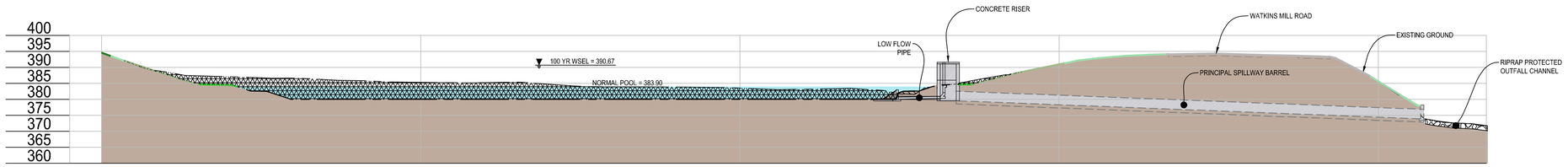
STORMWATER MANAGEMENT POND
RETROFIT PLAN VIEW

SHEET NO.
1 OF 2
EX-01

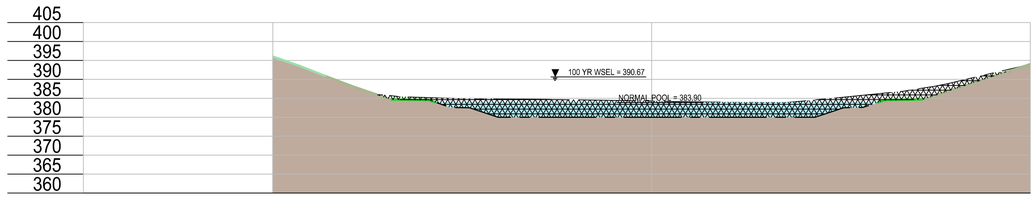
Attached XrefS:

WATKINS MEADOW STORMWATER MANAGEMENT POND RETROFIT PROJECT

MONTGOMERY COUNTY DEPARTMENT OF ENVIRONMENTAL PROTECTION MIDDLE GREAT SENECA CREEK (TRIBUTARY TO MUDDY BRANCH IN THE POTOMAC RIVER WATERSHED)



ASSET #10855 PROPOSED FACILITY PROFILE (SECTION A-A) (UPSTREAM TO DOWNSTREAM)



ASSET #10855 PROPOSED CROSS SECTION (SECTION B-B)

GRAPHIC SCALE

20 0 10 20 40

SCALE: 1" = 20'

LEGEND

- NORMAL POOL - 383.90
- SHORELINE VEGETATION
- MEADOW VEGETATION
- TURFGRASS
- RIPRAP
- EX. GROUND
- PROPOSED GROUND
- EXCAVATION
- EARTH FILL

Department of Environmental Protection
Montgomery County Maryland

MARK	DESCRIPTION	DATE	APPR.

DESIGNED BY: JAB	DATE: MAY, 2014
DWN BY: ADG	CKD BY: JBB
SUBMITTED BY: JBB	TASK ORDER NO.: 12-03
PLOT SCALE: 1"=20'	CONTRACT NO.:
SIZE: ANSI D	PLOT DATE: 7/24/2014
	FILE NAME: 03-EX-02.DWG
	FILE NUMBER:

MR. CRAIG CARSON, 240.777.7733
MONTGOMERY COUNTY DEPARTMENT OF ENVIRONMENTAL PROTECTION
255 ROCKVILLE PIKE
ROCKVILLE, MD 20850

CPJ Associates

TASK ORDER 12-03
WATKINS MEADOW - SWM POND RETROFIT (ASSET #10855) - NOT FOR CONSTRUCTION
GERMANTOWN (9TH) ELECTION DISTRICT
MONTGOMERY COUNTY, MARYLAND

STORMWATER MANAGEMENT POND RETROFIT PROFILES

SHEET NO.
2 OF 2
EX-02

Attached Xrefs: