POTOMAC RIDGE STORMWATER MANAGEMENT PROJECT

MONTGOMERY COUNTY DEPARTMENT OF ENVIRONMENTAL PROTECTION SANDY BRANCH (TRIBUTARY TO WATTS BRANCH IN THE POTOMAC RIVER WATERSHED)

ASSET #10847 PROPOSED RETROFIT CONCEPT PLAN VIEW

FIGURE 1. REMOVE EXISTING CONCRETE CHANNEL AND PROVIDE PERMANENT WET POOL.

FIGURE 2. REPLACE EXISTING TWIN METAL RISERS WITH SINGLE CONCRETE RISER TO MEET CURRENT STORMWATER MANAGEMENT AND SAFETY STANDARDS.

FIGURE 3. PROVIDE ACCESS FROM WSSC PUMP STATION ACCESS ROAD.

FIGURE 4. ENHANCE STORMWATER QUALITY TREATMENT CAPABILITY OF SWALE BY REPLACING STONE WITH PLANTING SOIL AND NATIVE VEGETATION.

FIGURE 5. REPLACE EXISTING GRASS SWALE WITH BIOSWALE BETWEEN DUFIEF MILL ROAD AND POND.

GRAPHIC SCALE

50 0 25 50 100

SCALE: 1" = 50'

LEGEND

- EX. FOREST
- PROPOSED PERMANENT POOL
- SHORELINE VEGETATION
- MEADOW VEGETATION
- TURFGRASS
- RIPRAP CHANNELS
- CONSTRUCTION AND MAINTENANCE ACCESS ROAD
- TEMPORARY CONSTRUCTION STAGING AND STOCKPILE AREA
- EX. CONTOUR
- PROPOSED CONTOUR
- LIMITS OF DISTURBANCE — LOD

Department of Environmental Protection
Montgomery County Maryland

MARK	DESCRIPTION	DATE	APPR.	MARK	DESCRIPTION	DATE	APPR.

DATE: SEPT., 2013
TASK ORDER NO.: 12-01
CONTRACT NO.:
FILE NUMBER:

DESIGNED BY: SEB
DWN BY: CC
CKD BY: JBB
SUBMITTED BY: JBB
PLOT SCALE: 1=50'
PLOT DATE: 4/9/2013
FILENAME: 01-EX-03.DWG

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

CPJ Associates

TASK ORDER 12-01
POTOMAC RIDGE SWM POND RETROFIT
(ASSET #10847) - NOT FOR CONSTRUCTION
DARNESTOWN (6TH) ELECTION DISTRICT
MONTGOMERY COUNTY, MARYLAND

STORMWATER MANAGEMENT POND RETROFIT PLAN VIEW

SHEET NO.
N/A

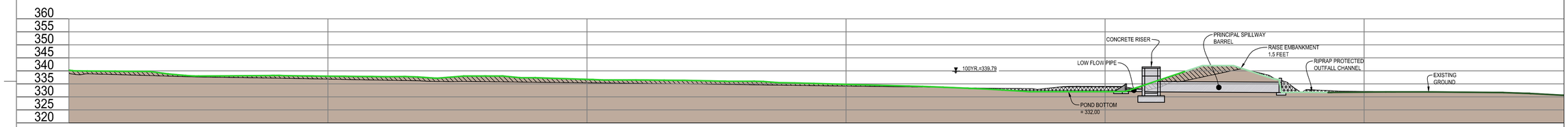
EX-03

Attached XrefS:

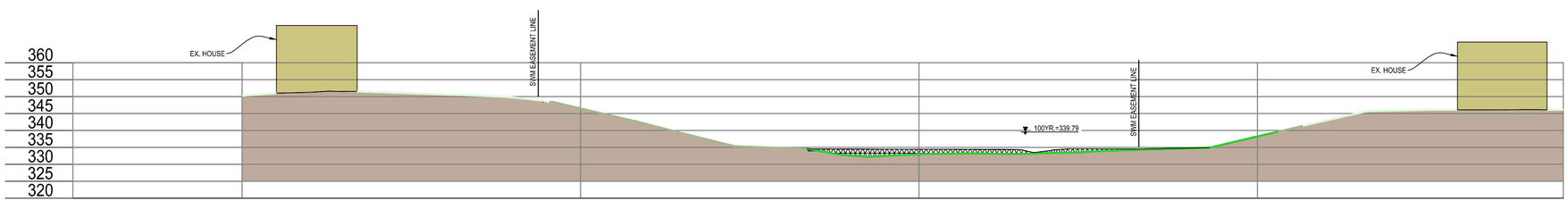
Last Saved 10/4/2013 Last Plotted 10/7/2013 8:11 AM Sheet N:\43030\DWG\01-EX-03

POTOMAC RIDGE STORMWATER MANAGEMENT PROJECT

MONTGOMERY COUNTY DEPARTMENT OF ENVIRONMENTAL PROTECTION SANDY BRANCH (TRIBUTARY TO WATTS BRANCH IN THE POTOMAC RIVER WATERSHED)



ASSET #10847 PROPOSED FACILITY PROFILE (UPSTREAM TO DOWNSTREAM)



ASSET #10847 PROPOSED FACILITY CROSS SECTION

LEGEND

- NORMAL POOL - 325.00
- SHORELINE VEGETATION
- MEADOW VEGETATION
- TURFGRASS
- RIPRAP
- EX. GROUND
- PROPOSED GROUND
- EXCAVATION
- EARTH FILL

Department of Environmental Protection
Montgomery County Maryland

MARK	DESCRIPTION	DATE	APPR.

MARK	DESCRIPTION	DATE	APPR.

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

CPJ Associates

DESIGNED BY: SEB
DWN BY: GC
CKD BY: JBB
SUBMITTED BY: JBB
DATE: SEPT., 2013
TASK ORDER NO.: 12-01
CONTRACT NO.:
FILE NUMBER:
PLOT SCALE: 1"=20'
PLOT DATE: 10/7/2013
SIZE: ANSI D
FILE NAME: 01-EX-03.DWG

TASK ORDER 12-01
POTOMAC RIDGE SWM POND RETROFIT
(ASSET #10847) - NOT FOR CONSTRUCTION
DARNESTOWN (6TH) ELECTION DISTRICT
MONTGOMERY COUNTY, MARYLAND

STORMWATER MANAGEMENT POND RETROFIT PLAN VIEW

SHEET NO.
N/A

EX-03

Attached Xrefs: