# GERMANTOWN VIEW STORMWATER MANAGEMENT PROJECT

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

## ASSET #10796 PROPOSED RETROFIT CONCEPT PLAN VIEW

FIGURE 1.
CONVERT EXISTING DRY POND TO A WET POND TO PROVIDE WATER QUALITY.

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

FIGURE 3.
REINFORCE LOW FLOW CHANNEL WITH STONE TO REDUCE EROSION.

FIGURE 4.
REPAIR OUTFALL CHANNEL WITH STONE TO REDUCE VELOCITY DOWNSTREAM OF THE FACILITY.

FIGURE 5.
LINE EXISTING METAL OUTFALL PIPES WITH H.D.P.E. LINERS.

FIGURE 6.
PROVIDE WETLAND VEGETATIVE LANDSCAPING AROUND POND TO IMPROVE WATER QUALITY AND AESTHETICS.

GRAPHIC SCALE

30 0 15 30 60

SCALE: 1" = 30'

### LEGEND

- PROPOSED PERMANENT POOL (< 2')
- PROPOSED PERMANENT POOL (< 7')
- SHORELINE VEGETATION
- MEADOW VEGETATION
- RIPRAP CHANNELS
- CONSTRUCTION AND MAINTENANCE ACCESS PATH
- EX. STORMWATER MANAGEMENT EASEMENT
- EX. CONTOUR
- PROPOSED CONTOUR
- LIMITS OF DISTURBANCE — LOD

Department of Environmental Protection
Montgomery County Maryland

| MARK | DESCRIPTION | DATE | APPR. | MARK | DESCRIPTION | DATE | APPR. |
|---|---|---|---|---|---|---|---|
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DATE: MAY, 2014
TASK ORDER NO.: 12-03
CONTRACT NO.:
FILE NUMBER:
FILE NAME: 03-EX-01.DWG

DESIGNED BY: KMO
DWN BY: ADG
CKD BY: JBB
SUBMITTED BY: JBB
PLOT SCALE: 1" = 30'
PLOT DATE: 7/24/2014
ANSI D

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

CPJ Associates

TASK ORDER 12-03
GERMANTOWN VIEW - ASSET #10796
CONCEPT PLAN - NOT FOR CONSTRUCTION
GAITHERSBURG (9TH) ELECTION DISTRICT
MONTGOMERY COUNTY, MARYLAND

STORMWATER MANAGEMENT POND RETROFIT

PLAN VIEW

SHEET NO.
1 OF 2
EX-01

Attached Xrefs:

Last Saved 7/24/2014 Last Plotted 7/24/2014 11:14 AM Sheet N:\43086\DWG\03-EX-01

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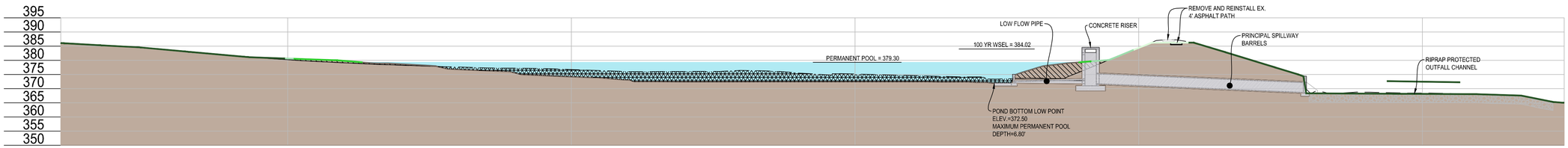
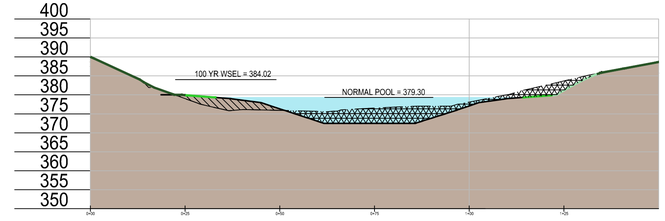



## ASSET #10796 PROPOSED FACILITY PROFILE (SECTION A-A) (UPSTREAM TO DOWNSTREAM)




## ASSET #10796 PROPOSED FACILITY CROSS SECTION (SECTION B-B)

GRAPHIC SCALE

20 0 10 20 40

SCALE: 1" = 20'

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. |
|---|---|---|---|---|---|---|---|

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MONTGOMERY COUNTY, MARYLAND

STORMWATER MANAGEMENT POND RETROFIT

PLAN VIEW

SHEET NO.
2 OF 2
EX-02

Attached Xrefs: