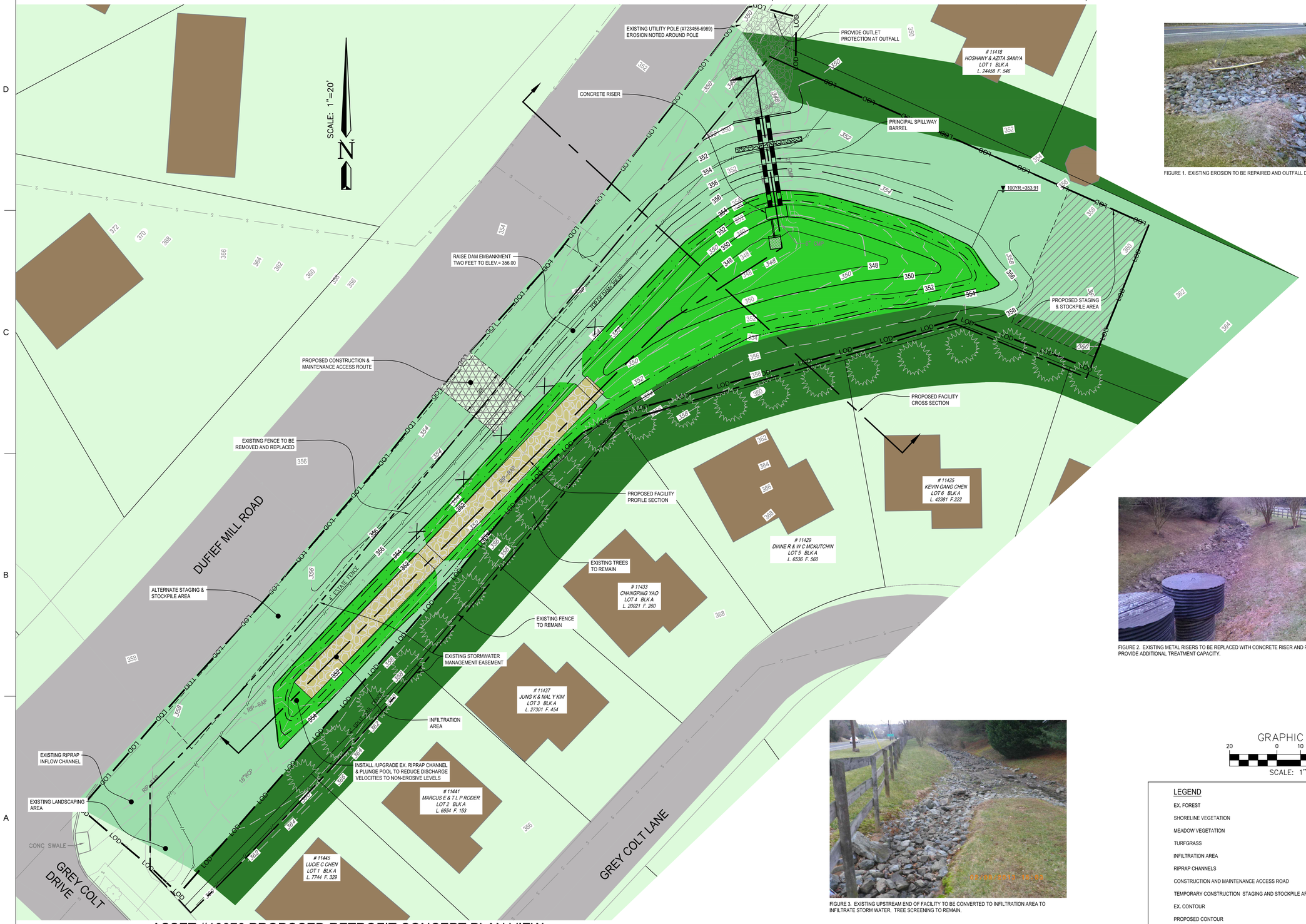
POTOMAC RIDGE STORMWATER MANAGEMENT PROJECT

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



ASSET #10876 PROPOSED RETROFIT CONCEPT PLAN VIEW

FIGURE 1. EXISTING EROSION TO BE REPAIRED AND OUTFALL DESIGNED TO MINIMIZE FUTURE EROSION.

FIGURE 2. EXISTING METAL RISERS TO BE REPLACED WITH CONCRETE RISER AND POND RE-GRADED TO PROVIDE ADDITIONAL TREATMENT CAPACITY.

FIGURE 3. EXISTING UPSTREAM END OF FACILITY TO BE CONVERTED TO INFILTRATION AREA TO INFILTRATE STORM WATER. TREE SCREENING TO REMAIN.

GRAPHIC SCALE

20 0 10 20 40

SCALE: 1" = 20'

LEGEND

- EX. FOREST
- SHORELINE VEGETATION
- MEADOW VEGETATION
- TURFGRASS
- INFILTRATION AREA
- 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.

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

CPJ Associates

DESIGNED BY: SEB | DATE: SEPT. 2013
DWN BY: GC | CKD BY: JBB | TASK ORDER NO.: 12-01
SUBMITTED BY: JBB | CONTRACT NO.:
PLOT SCALE: 1" = 20' | PLOT DATE: 10/7/2013
PAPER SIZE: ANSI D | FILE NAME: 01-EX-02.DWG | FILE NUMBER:

TASK ORDER 12-01
POTOMAC RIDGE SWM POND RETROFIT
(ASSET #10876) - NOT FOR CONSTRUCTION
DARNESTOWN (6TH) ELECTION DISTRICT
MONTGOMERY COUNTY, MARYLAND

STORMWATER MANAGEMENT POND RETROFIT PLAN VIEW

SHEET NO.
N/A

EX-02

Attached Xrefs:

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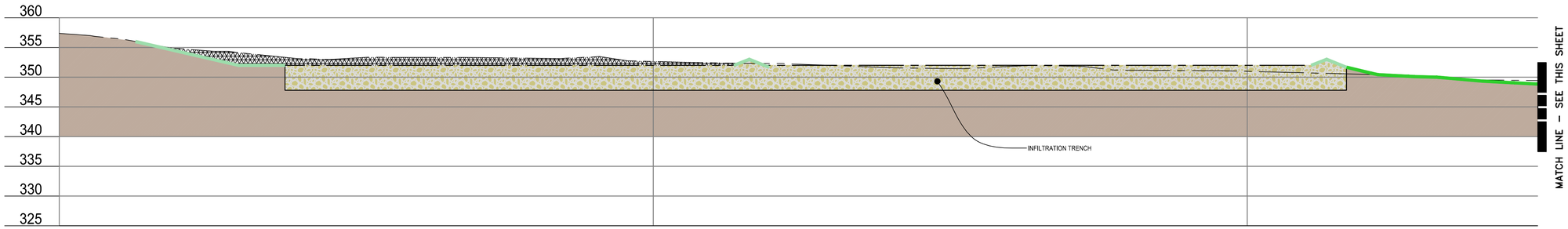
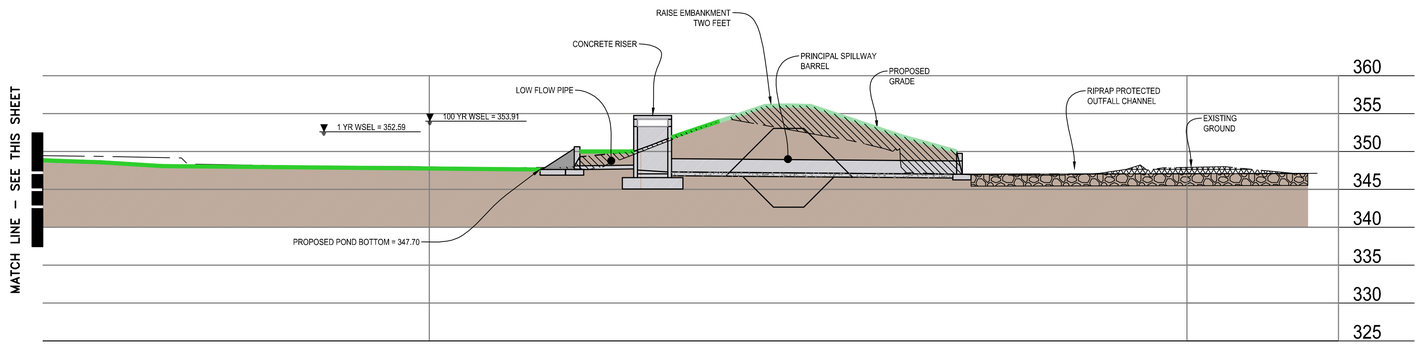
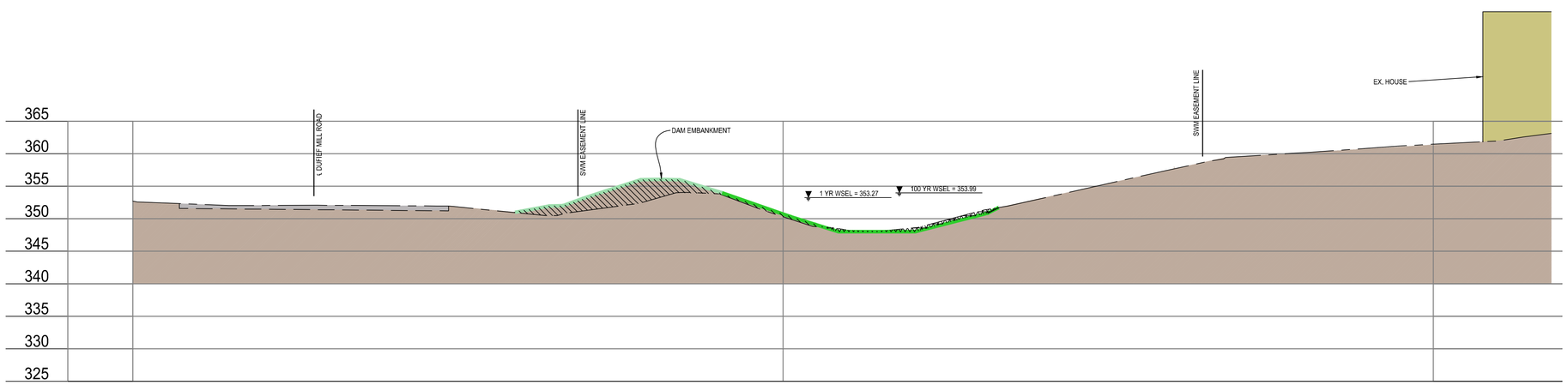
POTOMAC RIDGE STORMWATER MANAGEMENT PROJECT

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





ASSET #10876 PROPOSED FACILITY PROFILE (UPSTREAM TO DOWNSTREAM)



ASSET #10876 PROPOSED FACILITY CROSS SECTION

LEGEND

- 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
DATE: SEPT., 2013
DWN BY: GC
CKD BY: JBB
TASK ORDER NO.: 12-01
SUBMITTED BY: JBB
CONTRACT NO.:
PLOT SCALE: 1" = 10'
PLOT DATE: 4/5/2013
FILE NUMBER:
SIZE: ANSI D
FILE NAME: 01-EX-02.DWG

TASK ORDER 12-01
POTOMAC RIDGE SWM POND RETROFIT
(ASSET #10876) - NOT FOR CONSTRUCTION
DARNESTOWN (6TH) ELECTION DISTRICT
MONTGOMERY COUNTY, MARYLAND

STORMWATER MANAGEMENT POND RETROFIT PLAN VIEW

SHEET NO.
N/A

EX-02

Attached Xrefs:

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