STONERIDGE STORMWATER MANAGEMENT PROJECT

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

ASSET #10967 PROPOSED RETROFIT CONCEPT PLAN VIEW

GRAPHIC SCALE
20 0 10 20 40
SCALE: 1" = 20'

LEGEND

- FOREST
- TURFGRASS
- SAND FILTER BED
- RIPRAP CHANNELS
- CONSTRUCTION AND MAINTENANCE ACCESS ROAD
- TEMPORARY CONSTRUCTION STAGING AND STOCKPILE AREA
- EX. CONTOUR
- PROPOSED CONTOUR
- LIMITS OF DISTURBANCE — LOD —

FIGURE 1.
REPLACE EXISTING RISER WITH WATERTIGHT CONCRETE RISER.

FIGURE 2.
REMOVE WOODY VEGETATION FROM THE EMBANKMENT AND INVASIVE / NON-NATIVE VEGETATION AROUND THE FACILITY.

FIGURE 3.
EXISTING OUTFALL WILL BE CLEARED OF DEBRIS AND RIPRAP WILL BE INSTALLED TO PREVENT EROSION.

FIGURE 4.
RE-GRADE FACILITY TO PROVIDE ADITIONAL TREATEMENT CAPACITY.

FIGURE 5.
EXISTING GRAVEL ACCESS ROAD WILL BE USED AS THE CONSTRUCTION AND MAINTENANCE ACCESS ROUTE.

FIGURE 4.
EXISTING POND WILL BE CONVERTED TO A SAND FILTER AND NATIVE PLANTING WILL BE PROVIDED AROUND THE FACILITY TO INCREASE WATER QUAILTY AND AESTHETICS .

Department of Environmental Protection
Montgomery County Maryland

MARK	DESCRIPTION	DATE	APPR.

DESIGNED BY: KMO
DWN BY: GC
SUBMITTED BY: JBB
PLOT SCALE: 1"=20'
STYLE: ANSI D
DATE: SEPTEMBER, 2014
CKD BY: JBB
PLOT DATE: 10/9/14
FILENAME: 28-EX-01.DWG
TASK ORDER NO.: WRE12-28
CONTRACT NO.:
FILE NUMBER:

MR. CRAIG CARSON 240-777-7713
MONTGOMERY COUNTY DEPARTMENT OF ENVIRONMENTAL PROTECTION
255 ROCKVILLE PIKE SUITE 120
ROCKVILLE, MD 20850

CPJ Associates

WRE 12 - TASK ORDER 28
STONERIDGE SWM POND RETROFIT
(ASSET #10967) - NOT FOR CONSTRUCTION
GERMANTOWN (6TH) ELECTION DISTRICT
MONTGOMERY COUNTY, MARYLAND

STORMWATER MANAGEMENT POND
RETROFIT PLAN VIEW

SHEET NO.
N/A

EX-01

Attached Xrefs:

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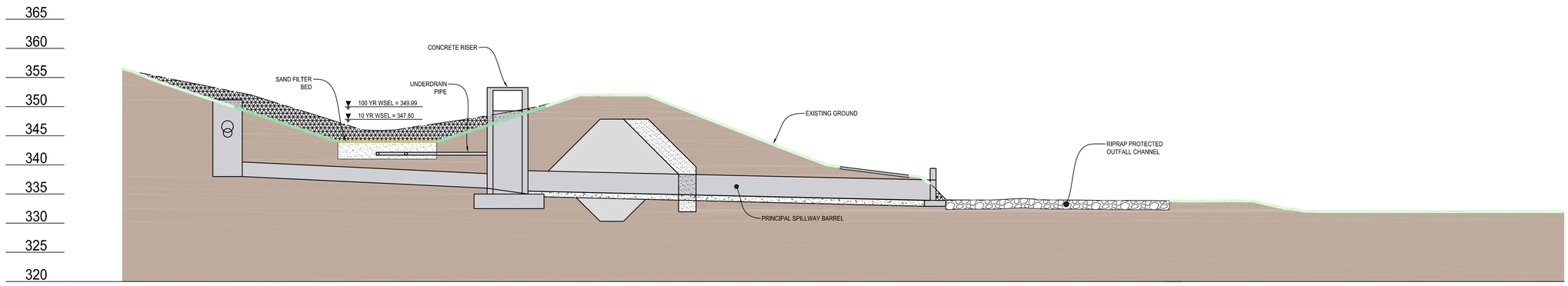
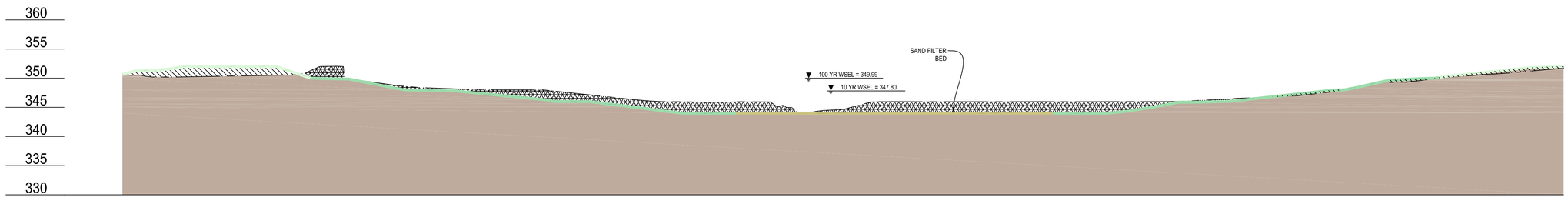
Last Saved 10/8/2014 Last Plotted 10/9/2014 10:46 AM Sheet N:\43428\DWG\28-EX-01

STONERIDGE STORMWATER MANAGEMENT PROJECT

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



ASSET #10967 PROPOSED FACILITY PROFILE (SECTION A-A) (UPSTREAM TO DOWNSTREAM)



ASSET #10967 PROPOSED CROSS SECTION (SECTION B-B)

GRAPHIC SCALE

10 0 5 10 20

SCALE: 1" = 10'

LEGEND

- SAND FILTER BED
- FOREST
- TURFGRASS
- RIPRAP
- EX. GROUND
- PROPOSED GROUND
- EXCAVATION
- EARTH FILL

Department of Environmental Protection
Montgomery County Maryland

MARK	DESCRIPTION	DATE	APPR.

MARK	DESCRIPTION	DATE	APPR.

DESIGNED BY: KMO
DWN BY: GC
CKD BY: JBB
SUBMITTED BY: JBB
PLOT SCALE: 1"=10'
PLOT DATE: 9/9/2014
SIZE: ANSI D
FILE NAME: 28-EX-01.DWG
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TASK ORDER NO.: WRE12-28
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MR. CRAIG CARSON 240-777-7713
MONTGOMERY COUNTY DEPARTMENT OF ENVIRONMENTAL PROTECTION
255 ROCKVILLE PIKE SUITE 120
ROCKVILLE, MD 20850

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MONTGOMERY COUNTY, MARYLAND

STORMWATER MANAGEMENT POND RETROFIT PROFILES

SHEET NO.
N/A

EX-01

Attached Xrefs:
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Last Saved 10/8/2014 Last Plotted 10/9/2014 10:47 AM Sheet N:\43428\DWG\28-EX-01