

NORTH LAKE APARTMENTS STORMWATER MANAGEMENT POND RETROFIT PROJECT

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

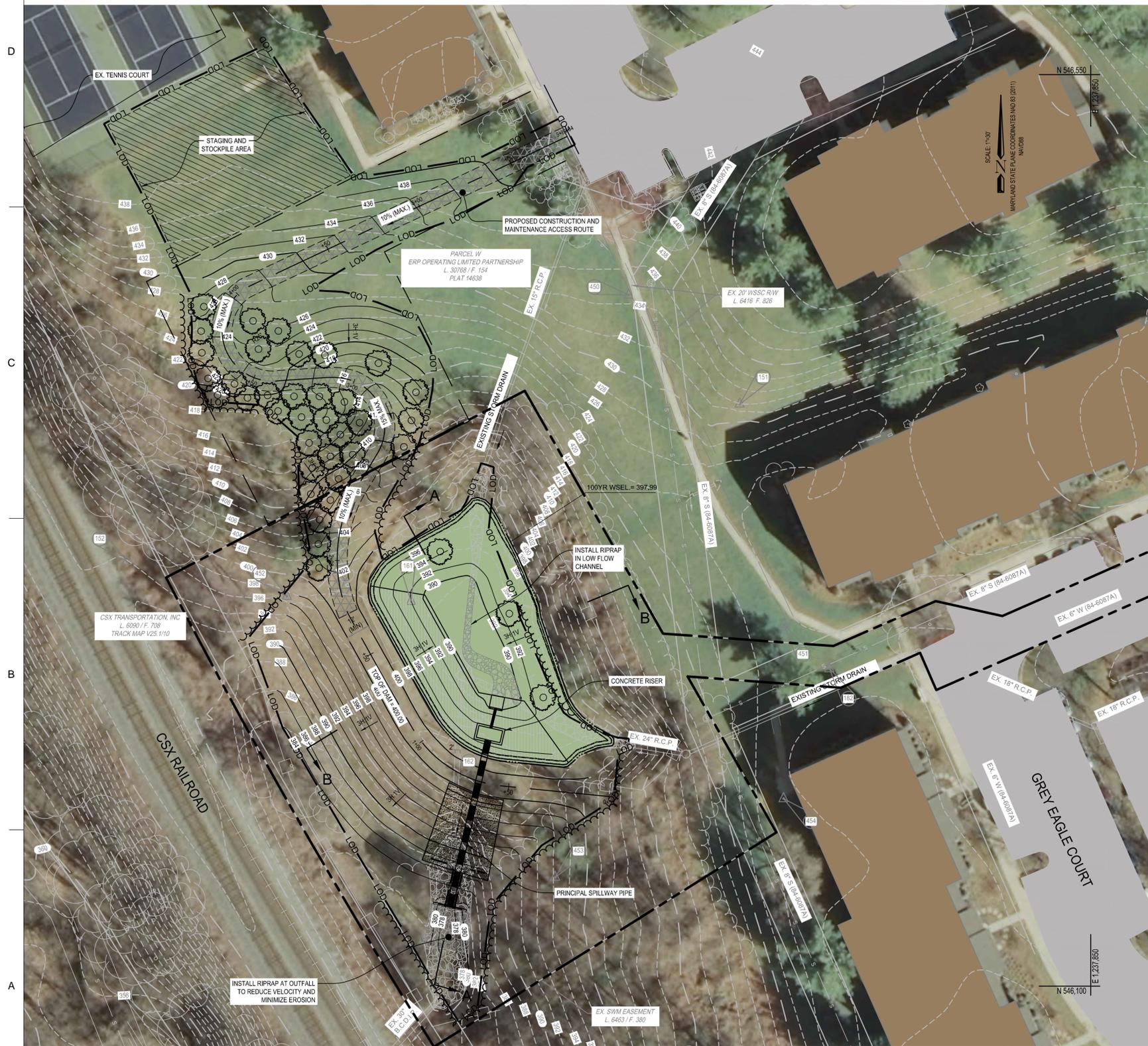


FIGURE 1. REPLACE EXISTING RISER AND RE-GRADE POND TO PROVIDE ADDITIONAL TREATMENT CAPACITY.



FIGURE 2. REPLACE EXISTING FENCE, REMOVE DEBRIS AND UNWANTED VEGETATION FROM FACILITY.



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



FIGURE 4. INSTALL RIPRAP IN LOW FLOW CHANNEL TO REDUCE VELOCITY AND PREVENT EROSION WITHIN THE FACILITY.



FIGURE 5. INSTALL RIPRAP AT OUTFALL TO REDUCE VELOCITY AND PREVENT EROSION DOWNSTREAM.



FIGURE 6. PROVIDE NATIVE PLANTING IN AND AROUND THE FACILITY TO INCREASE QUALITY, HABITAT AND AESTHETICS.



LEGEND

- MEADOW VEGETATION
- RIPRAP CHANNELS
- CONSTRUCTION AND MAINTENANCE ACCESS PATH
- TEMPORARY CONSTRUCTION STAGING AND STOCKPILE AREA
- EX. STORMWATER MANAGEMENT EASEMENT
- EX. CONTOUR
- PROPOSED CONTOUR
- LIMITS OF DISTURBANCE
- PROPOSED TREES

MARK	DESCRIPTION	DATE	APPR.	DATE	APPR.

DESIGNED BY: JAB	SCALE: MAY 2014
CHK BY: AVS	TASK ORDER NO.:
APP BY: JBB	CONTRACT NO.:
SUBMITTED BY: JBB	FILE NUMBER:
	PLOT SCALE: 1"=30'
	DATE: 7/24/2014
	FILE NAME:
	ANSI D 03-EX-04.DWG

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CPJ
Associates

TASK ORDER 12-03
NORTH LAKE APARTMENTS - ASSET #10867
CONCEPT PLAN - NOT FOR CONSTRUCTION
GANNETT CONSULTANTS, INC.
MONTGOMERY COUNTY, MARYLAND

STORMWATER MANAGEMENT POND
RETROFIT PLAN VIEW

SHEET NO.
1 OF 2
EX-01

ASSET #10867 PROPOSED RETROFIT CONCEPT PLAN VIEW

