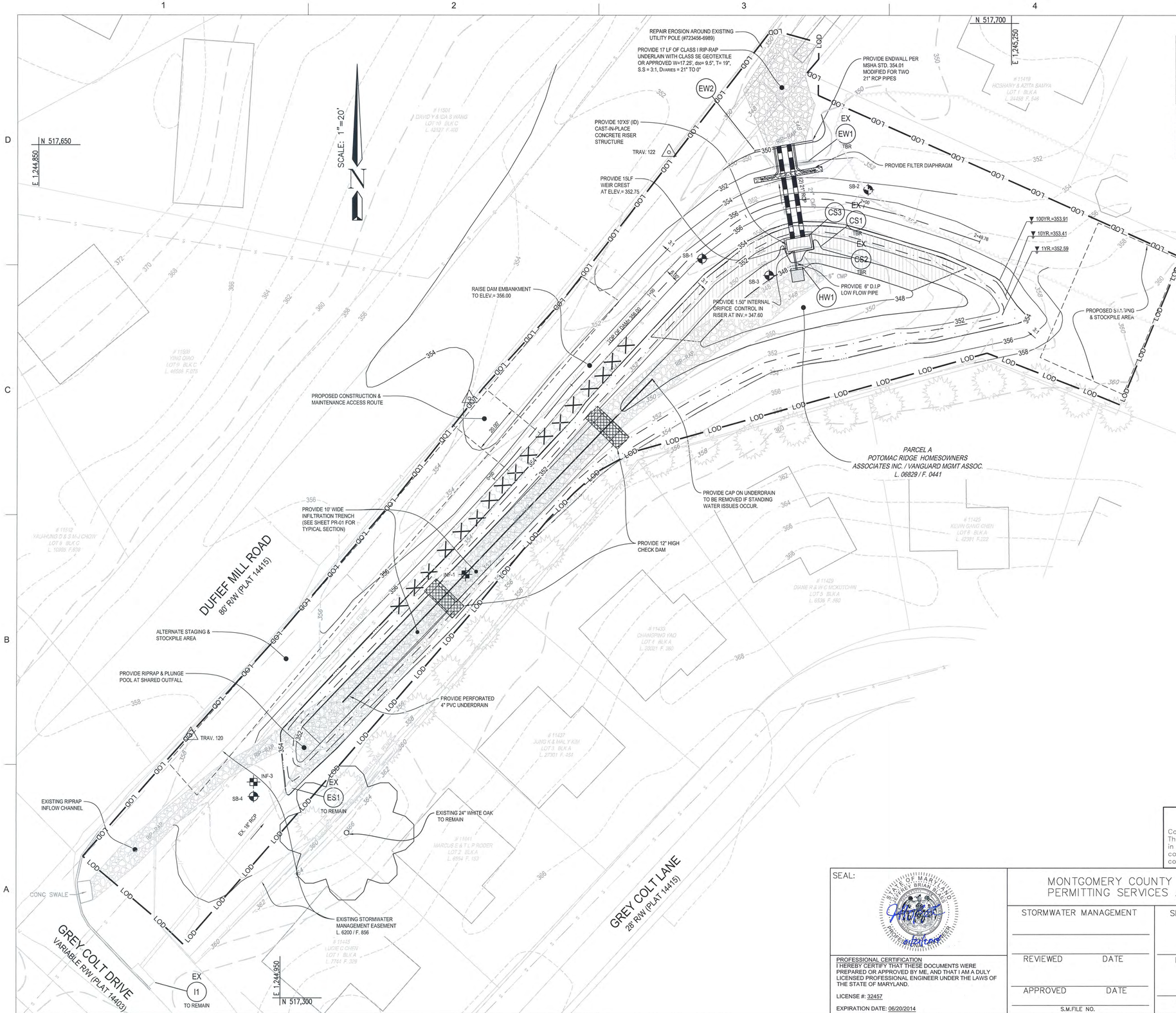

POND ROUTING ASSET # 10876			
FREQUENCY	PEAK DISCHARGE (cfs)		POND WSEL (ft)
	INFLOW	OUTFLOW	
1-YEAR	10.06	0.13	352.59
2-YEAR	15.38	1.01	352.80
10-YEAR	34.21	26.05	353.41
100-YEAR	56.43	48.58	353.91

SWM REQUIREMENT VS. PROVIDED CAPACITY			
DESCRIPTION	UNIT	REQUIRED	PROVIDED
WATER QUALITY STORAGE VOLUME	Ac-ft	0.16	0.05
CHANNEL PROTECTION VOLUME	Ac-ft	0.37	0.46
CHANNEL PROTECTION RELEASE RATE	cfs	0.13	0.13

POND DATA FOR ASSET # 10876	
DESCRIPTION	ELEVATION
POND BOTTOM	347.60
PERMANENT POOL	N/A
TOP OF DAM	356.00

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

MISS UTILITY

Call "Miss Utility" at 1-800-257-7777, 48 hours prior to the start of work. The excavator must notify all public utility companies with underground facilities in the area of proposed excavation and have those facilities located by the utility companies prior to commencing excavation. The excavator is responsible for compliance with requirements of Chapter 36A of the Montgomery County Code.

SEAL:

STATE OF MARYLAND — STEPHEN BRIAN BLAND — No. 32457 — PROFESSIONAL ENGINEER

PROFESSIONAL CERTIFICATION
I THEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.

LICENSE #: 32457

EXPIRATION DATE: 06/20/2014

MONTGOMERY COUNTY DEPARTMENT OF PERMITTING SERVICES APPROVED FOR:

STORMWATER MANAGEMENT
REVIEWED DATE
APPROVED DATE
S.M.FILE NO.

SEDIMENT CONTROL TECHNICAL REQUIREMENTS:
REVIEWED DATE
APPROVED DATE

NOTE: MCDPS APPROVAL DOES NOT NEGATE THE NEED OF A MCDPS ACCESS PERMIT

ADMINISTRATIVE REQUIREMENTS:
REVIEWED DATE
SEDIMENT CONTROL PERMIT NO.
MCDPS APPROVAL OF THIS PLAN WILL EXPIRE ONE YEAR FROM THE DATE OF APPROVAL. IF THE PROJECT HAS NOT STARTED, UNLESS THE PERMIT HAS BEEN EXTENDED.

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: BMF
DWN BY: ADG
CKD BY: JBB
SUBMITTED BY: JBB
DATE: JAN., 2014
TASK ORDER NO.: 12-01
CONTRACT NO.:
FILE NUMBER:
PLOT SCALE: AS SHOWN
PLOT DATE: 1/20/2014
ANSI D
FILENAME: 01-EC-02.DWG

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

GRADING AND LAYOUT PLAN

SHEET NO.
7 OF 12

GR-01

Attached Xrefs: