

PROPOSED POND ROUTING ASSET # 10887			
FREQUENCY	PEAK DISCHARGE (cfs)		POND WSEL (ft)
	INFLOW	OUTFLOW	
1-YEAR	85.57	2.33	348.89
2-YEAR	123.43	8.79	350.03
10-YEAR	252.21	199.23	350.92
100-YEAR	399.38	399.34	351.68

SWM REQUIREMENT VS. PROVIDED CAPACITY			
DESCRIPTION	UNIT	REQUIRED	PROVIDED
WATER QUALITY STORAGE VOLUME	Ac-ft	0.96	1.00
CHANNEL PROTECTION VOLUME	Ac-ft	3.24	4.31
CHANNEL PROTECTION RELEASE RATE	cfs	1.58	2.33

PROPOSED POND DATA FOR ASSET # 10887	
DESCRIPTION	ELEVATION
POND BOTTOM	342.00
PERMANENT POOL	346.00
TOP OF DAM	354.00



DATE	DESCRIPTION	APPR.	MARK

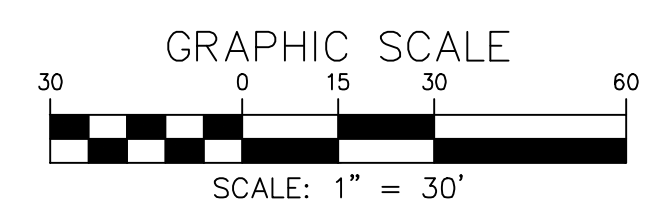
DESIGNED BY: **KMO**
 CHECKED BY: **GBB**
 DRAWN BY: **GBB**
 SUBMITTED BY: **JBB**

DATE: **JAN 2014**
 TASK ORDER NO.: **12-01**
 CONTRACT NO.:

FILE NUMBER:
 PLOT DATE: **1/17/2014**
 PLOT SCALE: **1"=30'**
 FILE NAME: **01-EC-01.dwg**
 ANSI D

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

CPJ Associates



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:

PROFESSIONAL CERTIFICATION
 I HEREBY 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	SEDIMENT CONTROL TECHNICAL REQUIREMENTS:
REVIEWED DATE	REVIEWED DATE
APPROVED 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.

TASK ORDER 12-01
 POTOMAC RIDGE SWMI FOND 'A' RETROFIT (ASSET #10887) - NOT FOR CONSTRUCTION UNTIL MONTGOMERY COUNTY, MARYLAND

GRADING AND LAYOUT PLAN

SHEET NO. 7 OF 12
 GR-01