

USING AGENCY APPROVAL

NAME DATE

TITLE

DGS APPROVAL

PROJECT MANAGER DATE

CHIEF OF PM&D DATE

SMITHGROUP

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Rockville, MD 20850
301-881-2545

Cagley & Associates
STRUCTURAL ENGINEERS
8141 Executive Boulevard
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Mahan Rykiel
LANDSCAPE ARCHITECTS
3300 Clipper Mill Road, Suite 200
Baltimore, MD 21211
410-235-6001

Spexsys
AV. IT SECURITY
7257 Parkway Drive, Suite 260
Hanover, MD 21076
410-712-0390

DWG FILE:

DRAWN BY:

CHECKED BY:

ISSUED FOR REV DATE

FFE=334.00
BFE=318.00

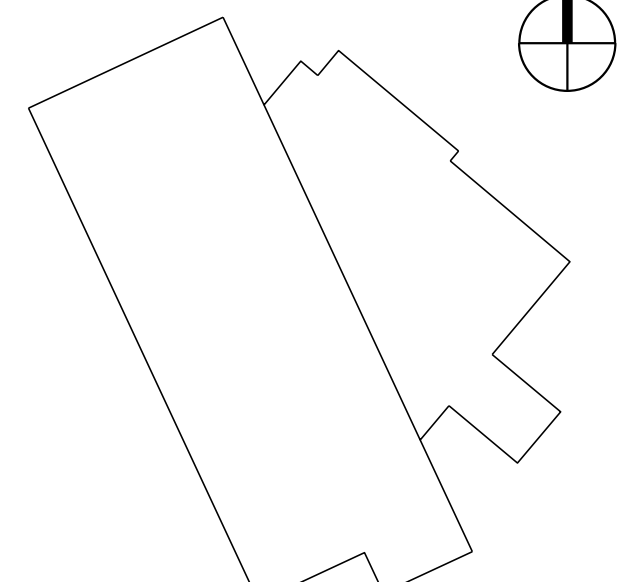
DESIGN DEVELOPMENT 27 SEP 2019

SCHEMATIC DESIGN SUBMISSION 23 JAN 2019

SEALS AND SIGNATURES

NOT FOR CONSTRUCTION

KEYPLAN NORTH



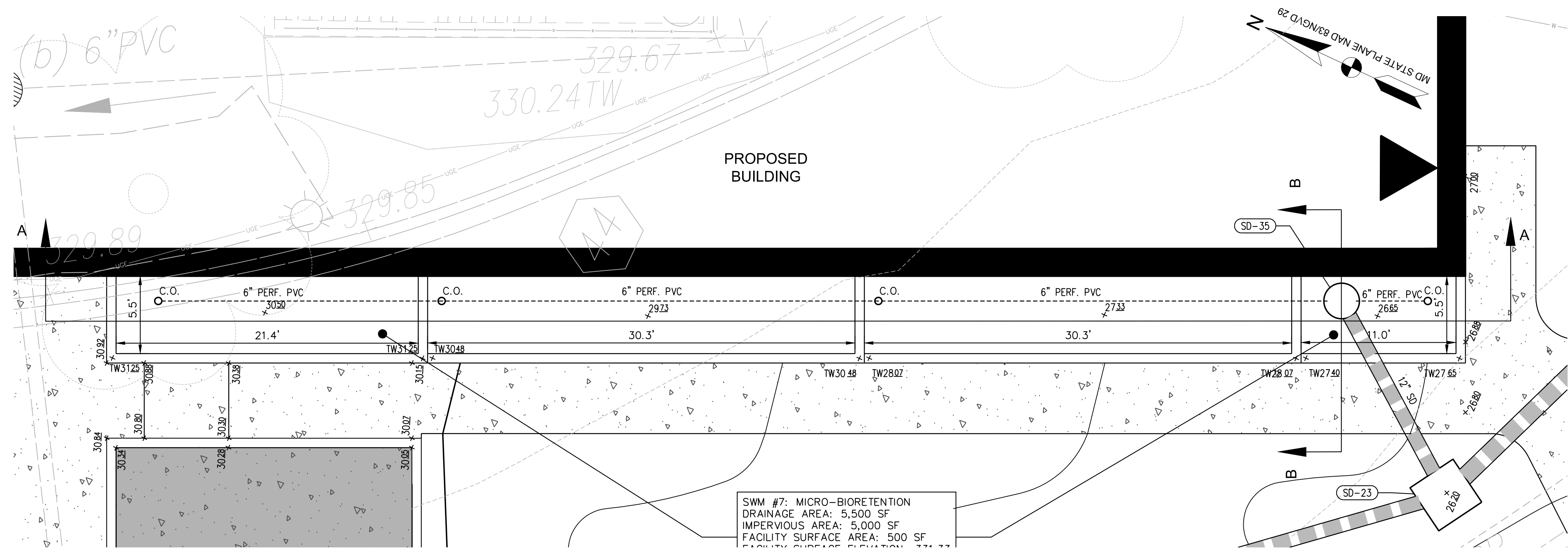
SHEET TITLE

SWM ENLARGEMENT

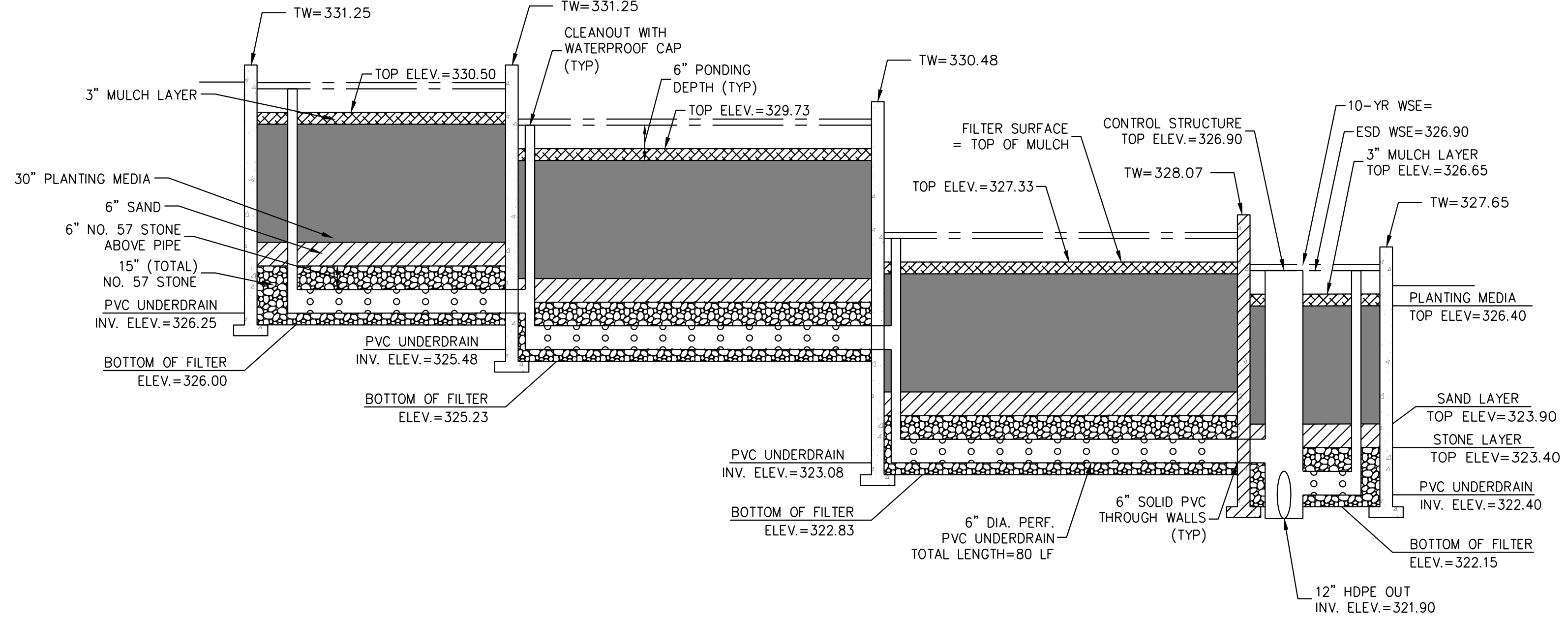
PROJECT NUMBER

C-30

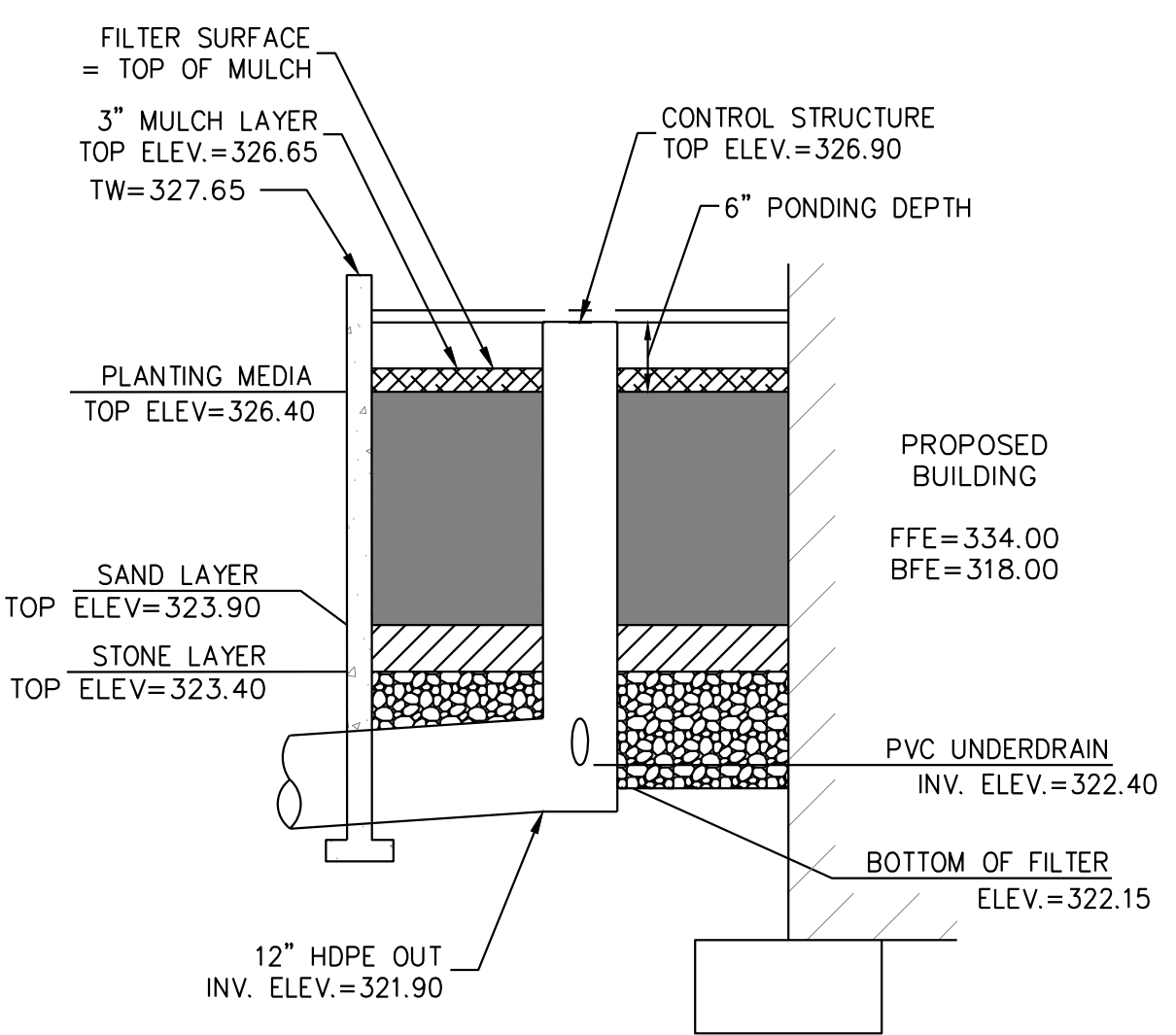
SHEET NUMBER



SWM-7: MICRO-BIORETENTION
SCALE: 1"=8'



SWM 7: SECTION A-A
SCALE: NTS



SWM 7: SECTION B-B
SCALE: NTS

AS-BUILT DATA FOR STORMWATER MANAGEMENT FACILITIES TO BE COMPLETED BY THE CERTIFYING DESIGN ENGINEER		
TYPE OF FACILITY: MICRO-BIORETENTION	SWM #7	
	DESIGN	'AS-BUILT
FILTER BED AREA (LxW) / SURFACE AREA (SF)	93'x5.5' / 500 SF	
FILTER BED SURFACE ELEVATION	326.65	
OUTLET PIPE SIZE / ELEVATION	12" HDPE / 321.90	
UNDERDRAIN PIPE SIZE / ELEVATION	6" PVC / 322.40	
MICRO-BIORETENTION VOLUME	750 CF	
MULCH THICKNESS	3"	
PLANTING MEDIA THICKNESS	30"	
SAND THICKNESS	6"	
UNDERDRAIN GRAVEL THICKNESS	15"	
OVERFLOW INLET DIAMETER/TOP ELEVATION	24" / 326.90	
UNDERDRAIN LENGTH	80'±	
DATE AS-BUILT ACCEPTED BY DPW:		

AS BUILT CERTIFICATION

I HEREBY CERTIFY THAT THE STORMWATER MANAGEMENT FACILITY SHOWN ON THE PLANS HAS (HAVE) BEEN CONSTRUCTED IN ACCORDANCE WITH THE PLANS APPROVED BY THE CITY OF ROCKVILLE, EXCEPT AS NOTED IN RED ON THE "AS BUILT" DRAWINGS.

NAME _____ SIGNATURE _____

MARYLAND REGISTRATION NUMBER _____ DATE _____

CITY OF ROCKVILLE REVIEW NO. _____ FACILITY IDENTIFICATION (NUMBER AND/OR TYPE) _____

"CERTIFY" MEANS TO STATE OR DECLARE A PROFESSIONAL OPINION BASED ON SUFFICIENT AND APPROPRIATE ON-SITE INSPECTIONS AND MATERIAL TESTS CONDUCTED DURING CONSTRUCTION.

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 NO. _____, EXPIRATION DATE _____

- AS-BUILT CERTIFICATION REQUIREMENTS:**
- THE CONTRACTOR SHALL PREPARE AND MAINTAIN A SET OF "RED LINED" AS-BUILT PLANS FOR ALL MATERIALS, DIMENSIONS, LENGTHS, DEPTHS AND ELEVATIONS RELATING TO THE CONSTRUCTION OF THE STORMWATER MANAGEMENT FACILITIES AS SPECIFIED ON THE CONTRACT DOCUMENTS.
 - THE CONTRACTOR SHALL ALSO COORDINATE AND ARRANGE FOR ALL REQUIRED INSPECTIONS THROUGHOUT THE CONSTRUCTION OF THE STORMWATER MANAGEMENT FACILITIES.
 - THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD A MINIMUM OF 1 WEEK IN ADVANCE OF THE PROPOSED CONSTRUCTION.
 - THE CONTRACTOR SHALL ENSURE THAT THE STORMWATER MANAGEMENT FACILITIES ARE CONSTRUCTED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL PROVIDE THE ENGINEER OF RECORD WITH THE "RED LINED" AS-BUILT PLANS FOR REVIEW AND ACCEPTANCE PRIOR TO FINAL STABILIZATION.

