GRADING, EROSION, AND SEDIMENT CONTROL PLAN

D.O.E. - CLEANWATER PARTNERSHIP

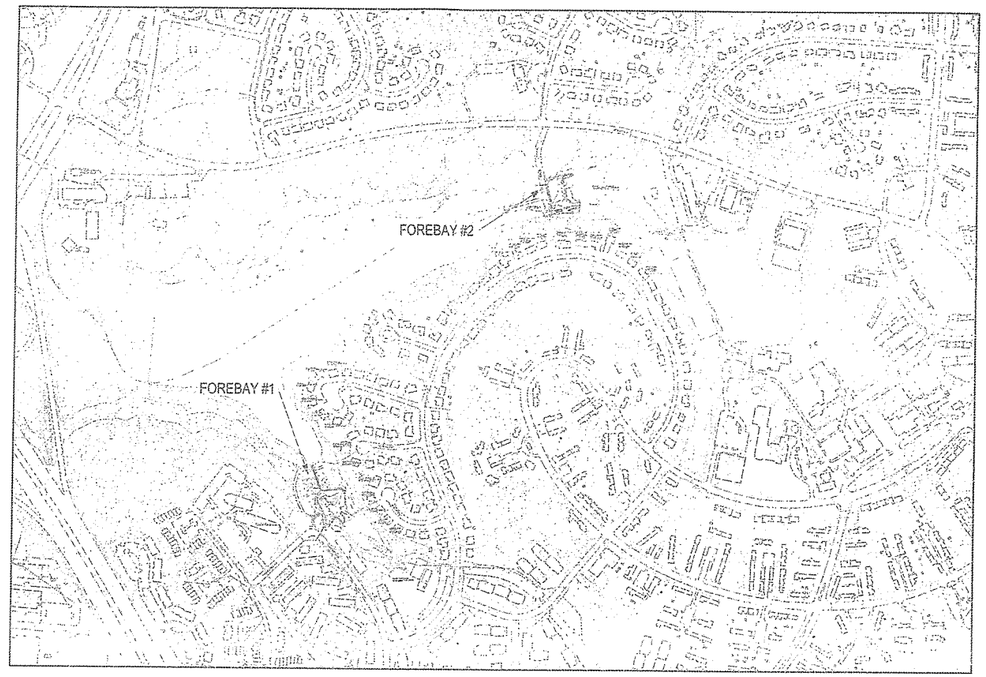
GREENBELT LAKE

GENERAL NOTES FOR SEDIMENT CONTROL

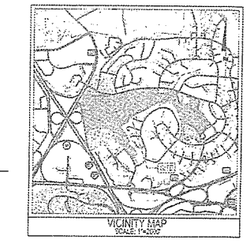
1. THE DEVELOPER IS RESPONSIBLE FOR THE ACQUISITION OF ALL REQUIRED EASEMENTS, RIGHT AND/OR RIGHTS-OF-WAY PURSUANT TO THE DISCHARGE FROM THE EROSION AND SEDIMENT CONTROL PRACTICES, STORMWATER MANAGEMENT PRACTICES AND THE DISCHARGE OF STORMWATER ONTO OR ACROSS AND GRADING OF OTHER WORK TO BE PERFORMED ON ADJACENT OR DOWNSTREAM PROPERTIES AFFECTED BY THIS PLAN
2. FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN: A) THREE (3) CALENDAR DAYS AS TO THE SURFACE OF ALL PERIMETER CONTROLS, DIKES, SWALES, DITCHES, PERIMETER SLOPES, AND ALL SLOPES GREATER THAN THREE HORIZONTAL TO ONE VERTICAL (3:1) AND B) SEVEN (7) DAYS FOR ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE. THE IN-PLACE SEDIMENT CONTROL MEASURES WILL BE MAINTAINED ON A CONTINUING BASIS UNTIL THE SITE IS PERMANENTLY STABILIZED AND ALL PERMIT REQUIREMENTS ARE MET.
3. THE OWNER/DEVELOPER OR REPRESENTATIVE SHALL REQUEST THAT THE INSPECTION AUTHORITY APPROVE WORK COMPLETED IN ACCORDANCE WITH THE APPROVED EROSION AND SEDIMENT CONTROL PLAN, THE GRADING OR BUILDING PERMIT AND SHALL OBTAIN WRITTEN INSPECTION APPROVAL BY THE INSPECTOR AT THE FOLLOWING STAGES IN THE DEVELOPMENT OF THE SITE
   A) PRIOR TO THE START OF EARTH DISTURBANCE;
   B) UPON COMPLETION OF INSTALLATION OF TREE PROTECTION DEVICES, FOLLOWED BY THE INSTALLATION OF PERIMETER EROSION AND SEDIMENT CONTROLS, PRIOR TO PROCEEDING WITH ANY OTHER EARTH DISTURBANCE OR GRADING, OTHER BUILDING OR GRADING INSPECTION APPROVALS MAY NOT BE AUTHORIZED UNTIL INITIAL APPROVAL BY THE INSPECTOR IS MADE;
   C) UPON COMPLETION OF STRIPPING, THE STOCKPILING OF TOPSOIL, THE CONSTRUCTION OF TEMPORARY SEDIMENT AND EROSION CONTROL FACILITIES, DISPOSAL OF ALL WASTE MATERIAL AND PREPARATION OF THE GROUND;
   D) UPON COMPLETION OF ROUGH GRADING, BUT PRIOR TO PLACING TOPSOIL, PERMANENT DRAINAGE OR OTHER SITE DEVELOPMENT IMPROVEMENTS AND GROUND COVERS;
   E) PRIOR TO THE START OF ANOTHER PHASE OF CONSTRUCTION OR OPENING OF ANOTHER GRADING UNIT
   F) UPON COMPLETION OF SEDIMENT CONTROL PRACTICES; AND
   G) UPON COMPLETION OF FINAL GRADING, REFORESTING, PERMANENT DRAINAGE AND EROSION CONTROL FACILITIES INCLUDING ESTABLISHED GROUND COVERS AND PLANTING, AND ALL OTHER WORK OF THE BUILDING PERMITS.
4. APPROVAL SHALL BE REQUESTED UPON FINAL STABILIZATION OF ALL SITES WITH DISTURBED AREAS IN EXCESS OF TWO ACRES BEFORE REMOVAL OF CONTROLS.
5. ALL PERMITS UNDER AN EROSION AND SEDIMENT CONTROL PLAN MUST AND CAN ONLY BE ISSUED TO THE OWNER/DEVELOPER THAT SIGNS THE CERTIFICATION ON THE PLAN. THE OWNER/DEVELOPER THAT SIGNS THE CERTIFICATION ON AN EROSION AND SEDIMENT CONTROL PLAN IS THE RESPONSIBLE PARTY REGARDLESS OF ANY SALE OF THE PROPERTY OR WORK OF SUBCONTRACTORS. EROSION AND SEDIMENT CONTROL PLANS ARE APPROVED FOR ONE OWNER/DEVELOPER ONLY.
6. PGSCD APPROVAL OF A EROSION AND SEDIMENT CONTROL PLAN, PURSUANT TO MEET-ING LOCAL PERMIT REQUIREMENT FOR GRADING, BUILDING OR STREET PERMITS, ETC. IS VALID ONLY WHEN THE WORK TO BE PERFORMED UNDER THE PERMIT IS THE SAME AS AND NOT LESS THAN THAT CONTAINED IN THE PLAN AS APPROVED BY THE PGSCD.
7. ANY CHANGES OR MODIFICATIONS TO AN APPROVED EROSION AND SEDIMENT CONTROL PLAN, NOT APPROVED BY THE PGSCD, SHALL INVALIDATE THE PLAN APPROVAL.
8. OFFSITE BORROW OR SPOIL AREAS MUST HAVE AN APPROVED AND ACTIVE EROSION AND SEDIMENT CONTROL PLAN.
9. TEMPORARY DESIGNED SEDIMENT BASINS SHALL BE REMOVED WITHIN 18 MONTHS AFTER THE BEGINNING OF CONSTRUCTION OF THE BASIN.
10. ON SMALL POND APPROVALS:
    (A) THE OWNER OR ENGINEER WILL NOTIFY PGSCD FIRST/FIRST BY WRITING WHEN CONSTRUCTION IS BEGUN AND WHEN CONSTRUCTION IS COMPLETED.
    (B) THE PROJECT SHALL BE CONSTRUCTED UNDER THE SUPERVISION OF THE ENGINEER-IN-CHARGE. WITHIN 30 DAYS OF THE COMPLETION OF CONSTRUCTION, THE ENGINEER-IN-CHARGE THAT DESIGNED THE STRUCTURE SHALL PROVIDE PGSCD WITH AN AS-BUILT PLAN AND SHALL CERTIFY, WITH THE ENGINEER'S SEAL, THAT THE MODEL POND WAS CONSTRUCTED AS SHOWN ON THE AS-BUILT PLANS.
    (C) THE APPROVAL IS VALID ONLY FOR USE BY THE APPLICANT AND MAY NOT BE TRANSFERRED TO ANOTHER UNLESS WRITTEN APPROVAL FOR SUCH TRANSFER IS OBTAINED FROM PGSCD.
11. DISTURBED SURFACE AREA 3.15 AC.
    VEGETATIVELY STABILIZED AREA N/A
    VOLUME OF SPOIL MATERIAL 2304 CU. YD.
    VOLUME OF CUT 2508 CU. YD.
    VOLUME OF BORROW MATERIAL N/A
    VOLUME OF FILL 92 CU. YD.
12. LIST PREDOMINANT SOIL TYPES AND GENERAL DESCRIPTION PER PGSCD SOIL SURVEY:
    BuB - Burtonsville loam complex; BuD - Burtonsville-Urban land complex; CrC - Christiana-Downer complex; CrD - Christiana-Downer complex; CuB - Christiana-Downer-Urban; M - Made land complex; NcB - Nanticoke-Urban land complex; NcC - Nanticoke-Urban land complex; UfA2B - Udorthents, loamy; UfA3 - Udorthents-Urban land complex; ZdB - Zekiah and Issue soils

GENERAL NOTES

1. OBTAIN AND FOLLOW THE "2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL" (HEREINAFTER REFERRED TO AS "STANDARDS AND SPECIFICATIONS") FROM THE MARYLAND DEPARTMENT OF THE ENVIRONMENT (MDE) 1800 WASHINGTON BLVD, BALTIMORE, MD 21230 (410) 537-3563.
2. ALL PROPOSED SEDIMENT CONTROL MEASURES ARE TEMPORARY MEASURES UNLESS SPECIFIED OTHERWISE ON PLANS.
3. NOTIFY THE INSPECTION AGENCY BEFORE THE START OF WORK AND BEFORE REMOVAL OF ANY TEMPORARY SEDIMENT CONTROL MEASURES
4. NOTIFY THE PRINCE GEORGE'S SOIL CONSERVATION DISTRICT (PGSCD) AND PROVIDE A REVISED SCHEDULE IF THE ACCOMPANYING CONSTRUCTION SCHEDULE CANNOT BE MET.
5. INSTALL AND MAINTAIN SEDIMENT CONTROL MEASURES IN STRICT ACCORDANCE WITH THESE APPROVED PLANS AND CRITERIA AND SPECIFICATIONS ADOPTED BY THE PGSCD.
6. PROTECT ALL TREES TO BE PRESERVED IN ACCORDANCE WITH THE LATEST APPROVED TREE CONSERVATION PLAN DURING CONSTRUCTION OPERATIONS.
7. INSTALL SEDIMENT CONTROL MEASURES AT THE ONSET OF GRADING OPERATIONS, SO THAT EFFECTIVE SEDIMENT CONTROL CAN BE ACHIEVED DURING THIS ENTIRE GRADING OPERATION. SEDIMENT CONTROL MEASURES MAY REQUIRE MINOR FIELD ADJUSTMENTS AT THE TIME OF CONSTRUCTION OF THE EROSION CONTROL, ON DURING THE CONSTRUCTION PROCESS, TO ENSURE THAT THEIR INTENDED PURPOSE IS ACCOMPLISHED. PGSCD APPROVAL WILL BE REQUIRED FOR ANY MAJOR REVISIONS TO THE APPROVED PLANS.
8. PROVIDE CONTINUOUS INSPECTION AND MAINTENANCE OF ALL SEDIMENT CONTROL MEASURES TO ENSURE THAT MAXIMUM SEDIMENT CONTROL EFFICIENCY IS OBTAINED THROUGHOUT THE LIFE OF THE DEVELOPMENT.
9. STABILIZE ALL POINTS OF INGRESS AND EGRESS WITH CRUSHED STONE UNTIL JUST PRIOR TO PAVING OPERATIONS, TO PREVENT TRACKING OF MUD ONTO PUBLIC WAYS.
10. AT THE END OF EACH WORKING DAY, PLACE A TEMPORARY DIVERSION DIKE AROUND THE TOP OF EACH CUT OR FILL SLOPE TO DIRECT ANY POSSIBLE RUNOFF AWAY FROM THE FACE OF THE SLOPE TO NONERODIBLE OUTLET AREA.
11. DURING EARTH MOVING OPERATIONS, MAINTAIN THE SITE IN A ROUGH GRADED CONDITION SO THE STORMWATER DOES NOT IMMEDIATELY RUN OFF, BUT IS DETAINED IN POCKETS AND IS ALLOWED TO SEEP INTO THE SOIL.
12. PREVENT ALL SEDIMENT FROM ENTERING ANY EXISTING STORM DRAINAGE STRUCTURE BY BLOCKING SHUT THE STRUCTURE WITH SAND BAGS, BOARDS OR BY ANY OTHER ACCEPTABLE METHOD AS SHOWN ON PLAN.
13. MAINTAIN POSITIVE DRAINAGE (MINIMUM 0.5%) ALONG ALL DIVERSION DIKES, AND SWALES.
14. FENCE ALL SEDIMENT TRAPS AND BASINS WITH SEMI-PERMANENT FENCE NOT LESS THAN 42" IN HEIGHT WITH OPENINGS NOT TO EXCEED 6" IN WIDTH. ANCHOR FENCE AT A SPACING NOT TO EXCEED 6'.
15. REMOVE SEDIMENT AND RESTORE THE TRAP OR BASIN TO ORIGINAL DIMENSIONS WHENEVER SEDIMENT HAS ACCUMULATED TO ONE-HALF OF THE WET STORAGE DEPTH.
16. PROVIDE ADEQUATE CONTROL OF DUST BY WATERING, OR OTHER CONTROL METHODS ACCEPTABLE TO THE BUILDING OFFICIAL, AND IN CONFORMANCE WITH APPLICABLE AIR POLLUTION ORDINANCE.
17. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT ALL LOCAL, STATE (MOSHA), AND FEDERAL (OSHA) CONSTRUCTION SAFETY REGULATIONS ARE FOLLOWED DURING THE IMPLEMENTATION OF THIS PLAN.
18. THE TERM "SEEDING" ON THIS PLAN MEANS THE SUCCESSFUL GERMINATION AND ESTABLISHMENT OF STABLE GRASS COVER FROM A PROPERLY PREPARED SEEDBED CONTAINING THE SPECIFIED AMOUNTS OF LIME AND FERTILIZER IN ACCORDANCE WITH SECTION G "20 STANDARDS AND SPECIFICATIONS FOR VEGETATIVE STABILIZATION."
19. IF STABILIZATION OF DISTURBED AREA IS TO BE ACCOMPLISHED DURING THE MONTHS OF DECEMBER, JANUARY, OR FEBRUARY, THE STABILIZATION SHALL CONSIST OF MULCHING. SEED AND MULCH AS SOON AS THE SEASON PERMITS.
20. SODDING WITH LIME AND FERTILIZER MAY BE SUBSTITUTED FOR SEEDING AND MULCHING.



SCALE 1" = 300'



INDEX OF SHEETS

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SEDIMENT CONTROL PLAN LEGEND

	EXISTING	PROPOSED
DRAINAGE DIVIDE		
EARTH DIKE		DD-1
GARDEN INFLOW PROTECTION		
INLET BLOCKING		IB
INLET PROTECTION		IP
LIMITS OF DISTURBANCE	LOD	LOD
MOUNTABLE BERM		
PERIMETER DIKE/SWALE		PD-1
REMOVABLE PUMPING STATION		
PIPE SLOPE DRAIN		
RIPRAP INFLOW PROTECTION		
SAFETY FENCE		
SILT FENCE	SF	SF
STABILIZED CONSTRUCTION ENTRANCE		
STONE CHECK DAM		CD
TEMPORARY GARDEN OUTLET STRUCTURE		TGO
SUMP PIT		SP
SUPER SILT FENCE	SSF	
TEMPORARY SWALE	SWS B-1	TSB-1
TREE SAVE FENCE	TSF	TSF
STEEP SLOPES - 15-25%		
SEVERE SLOPES - GREATER THAN 25%		

NOTICE OF INTENT REQUIREMENTS

A. ENVIRONMENTAL SITE DESIGN (ESD) TO THE MAXIMUM EXTENT PRACTICABLE HAS NOT BEEN CONSIDERED FOR THIS SITE. THE PROPOSED WORK IS TO REMOVE SEDIMENT FROM TWO FOREBAYS FEEDING INTO GREENBELT LAKE. ESD HAS NOT BEEN CONSIDERED BECAUSE THE PROPOSED WORK IS MAINTENANCE OF AN EXISTING POND. DREDGING WILL HELP THE POND TO INCREASE SEDIMENT CAPTURE BY CLEANING AND MAINTAINING EXISTING FOREBAYS.

B. THE LIMITS OF DISTURBANCE HAVE BEEN ESTABLISHED IN ORDER TO PREVENT DISTURBANCE TO THE MAXIMUM EXTENT PRACTICABLE. HOWEVER, SINCE THE PROPOSED WORK IS DREDGING OF TWO LAKE FOREBAYS THERE WILL BE SOME DISTURBANCE TO STREAM, NATURAL DRAINAGE FEATURES, STREAM BUFFERS, SOIL CONSERVATION AREAS, WETLANDS, AND FOREST CONSERVATION AREAS DURING CONSTRUCTION. ENTRANCES AND PLANS HAVE BEEN DESIGNED TO MINIMIZE IMPACT.

C. CONSTRUCTION EQUIPMENT WILL BE CONFINED TO STAGING AREAS, DESIGNATED CONSTRUCTION ENTRANCES, AND LIMITS OF DEVELOPMENT. CONTRACTOR SHALL HAVE THE FLEXIBILITY OF HOW TO DREDGE THE FOREBAY ONCE IT IS DRAINED. HOWEVER, THE CONTRACTOR SHOULD ENSURE THAT THE HEAVY EQUIPMENT IS OPERATING WITHIN THE POND BOTTOM. HEAVY EQUIPMENT SHOULD STAY ON STABILIZED BASES, ON ON THE CONSTRUCTION ENTRANCE TO BE CONSTRUCTED (SHOWN ON PLAN), GABION WALL AND CONSTRUCTION ENTRANCE TO BE REMOVED ONCE DREDGING IS COMPLETE.

D. THERE WILL BE VERY MINIMAL SITE CLEARING. THIS WILL BE DONE ONLY TO ACCESS THE POND WITH THE HEAVY EQUIPMENT.

E. PHASING FOR THIS PROJECT IS NOT NECCESSARY. THE TWO FOREBAYS DO NOT AFFECT EACH OTHER, AND CAN BE COMPLETED CONCURRENTLY.

F. NO HIGHLY ERODIBLE SOILS EXIST ON SITE.

G. THIS PLAN PROPOSES THAT THE TWO FOREBAYS FEEDING GREENBELT LAKE BE DREDGED TO REMOVE SILT AND SEDIMENT FROM YEARS OF SETTLING, AND TO INCREASE THE EFFECTIVENESS OF THESE FOREBAYS. STEEP SLOPES NATURALLY OCCUR WITHIN POND'S, ESPECIALLY ONCE WATER IS REMOVED. HOWEVER, THESE WERE NOT SHOWN AS THEY WILL NOT NEGATIVELY IMPACT EROSION OR SEDIMENTATION CONTROL ON SITE. THE DESIGN TAKES ADVANTAGE OF THESE STEEP SLOPES ALONG THE BANK TO CONTAIN SEDIMENTS UNTIL IT CAN BE COLLECTED AND REMOVED.

H. PERIMETER CONTROL DEVICES AND SLOPES STEEPER THAN 3:1 REQUIRE STABILIZATION WITHIN THREE DAYS OF DISTURBANCE AND ALL OTHER DISTURBED AREAS REQUIRE STABILIZATION WITHIN SEVEN DAYS OF DISTURBANCE.

I. ENHANCED/REDUNDANT CONTROLS ARE REQUIRED SINCE THE SITE DISCHARGES TO A WATERSHED WITH A TMDL COMPLETE FOR NUTRIENTS. ALL SITE RUNOFF WILL BE DIVERTED TO EITHER SUPER SILT FENCE OR A GABION OUTLET STRUCTURES TO MEET THE ENHANCED/REDUNDANT CONTROL CRITERIA. SITE RUNOFF WILL REACH THE GABION OUTLET STRUCTURE VIA NATURAL DRAINAGE PATHS.

WETLAND NOTE

IT IS THE APPLICANT'S RESPONSIBILITY TO OBTAIN ANY STATE PERMITS, IF REQUIRED, FOR ANY CONSTRUCTION ACTIVITY COVERED BY THIS PLAN WHICH IMPACTS A STATE "REGULATED WETLAND. ANY CHANGES TO PLANS FOR THIS DEVELOPMENT, WHETHER REQUIRED BY THE STATE OR INITIATED BY THE APPLICANT TO MEET STATE REQUIREMENTS, MUST BE APPROVED BY PGSCD.

STANDARD STABILIZATION NOTE

FOLLOWING INITIAL SOIL DISTURBANCE OR RE-DISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION MUST BE COMPLETED WITHIN:

A.) THREE (3) CALENDAR DAYS AS TO THE SURFACE OF ALL PERIMETER DIKES, SWALES, DITCHES, PERIMETER SLOPES AND ALL SLOPES STEEPER THAN 3 HORIZONTAL TO 1 VERTICAL (3:1); AND

B.) SEVEN (7) CALENDAR DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE NOT UNDER ACTIVE GRADING.

THIS PLAN IS FOR MAINTENANCE AND CONSTRUCTION OF SEDIMENT AND EROSION CONTROL MEASURES ONLY

GRADING CERTIFICATION

I CERTIFY THAT THIS PLAN OF EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICABLE AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE, AND THAT THIS PLAN WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE PRINCE GEORGE'S SOIL CONSERVATION DISTRICT AND MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL. I HAVE REVIEWED THIS EROSION AND SEDIMENT CONTROL PLAN WITH THE OWNER/DEVELOPER.

JASON R. MILLS — DATE 12/10/15
MD. REG. P.E. NO. 40856

DRAINAGE CERTIFICATION

I CERTIFY THAT I HAVE INSPECTED THIS SITE AND THAT DRAINAGE ONTO THIS SITE FROM UPGRADE PROPERTIES AND FROM THIS SITE ONTO OTHER DOWNGRADE PROPERTIES HAD BEEN ADDRESSED IN SUBSTANTIAL ACCORDANCE WITH APPLICABLE CODES.

JASON R. MILLS — DATE: 12/10/15
MD. REG. P.E. NO. 40856

ENGINEER'S CERTIFICATION

I HEREBY CERTIFY THAT THIS PLAN CONFORMS TO SUBTITLE 32, DIVISION 2 OF THE BUILDING CODE OF PRINCE GEORGES COUNTY, MARYLAND.

JASON R. MILLS — DATE 12/10/15
MD. REG. P.E. NO. 40856

CONSULTANT'S CERTIFICATION

I CERTIFY THAT THIS ENVIRONMENTAL SITE DEVELOPMENT GRADING, EROSION AND SEDIMENT CONTROL PLAN REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE, AND THAT THIS PLAN WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE PRINCE GEORGE'S SOIL CONSERVATION DISTRICT AND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL. I HAVE REVIEWED THIS ENVIRONMENTAL SITE DEVELOPMENT GRADING, EROSION AND SEDIMENT CONTROL PLAN WITH THE OWNER/DEVELOPER.

SIGNATURE: — MD. LICENSE #: 40856
NAME (PRINTED): Jason Mills — DATE: 12/10/15
(INCLUDE LEGAL COMPANY NAME, ADDRESS AND PHONE NUMBER IF NOT INCLUDED ELSEWHERE ON PLAN)

PRINCE GEORGES SOIL CONSERVATION DISTRICT
ENVIRONMENTAL SITE DEVELOPMENT APPROVAL
GRADING, EROSION AND SEDIMENT CONTROL

SIGN — EXPIRATION DATE
PRELIMINARY SIGN-OFF
DISTRICT SIGN-OFF — APPROVAL DATE

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.: 40856 EXPIRATION DATE: 09/27/2017

SOLTESZ, LLC
Engineering
Surveying
Planning
Environmental Services
4300 Forbes Boulevard, Suite 230
Lanham, MD 20706
P. 301.794.7555 F. 301.794.7556
www.soltesz.com

NO.	REVISIONS	BY	DATE

DATE: NOVEMBER 2015 | CAD STANDARDS VERSION: V5 - 2006
DESIGNED: SMP | HORIZONTAL: 1"=300' | CHECKED: JRM

MISS UTILITY NOTE

INFORMATION CONCERNING EXISTING UNDERGROUND UTILITIES AND EXISTING GAS LINES, WILL BE PROVIDED. THE CONTRACTOR MUST DETERMINE THE EXACT LOCATION AND ELEVATION OF ALL EXISTING UTILITIES AND UTILITY CROSSINGS BY DIGGING TEST PITS BY HAND. THIS IS IN ACCORDANCE WITH THE STATE OF MARYLAND CONTRACT "MISS UTILITY" AT 1-800-257-7777, 48 HOURS PRIOR TO THE START OF EXCAVATION. IF CLEARANCES ARE LESS THAN ESTABLISHED STANDARDS OR REQUIREMENTS, IMMEDIATELY NOTIFY THE ENGINEER AND THE UTILITY COMPANY REPRESENTATIVE. IN ADDITION TO THE ABOVE, CONTRACTOR MUST TAKE THOROUGHLY DESCRIBE REVISIONS TO THE PLAN.

OWNER/DEVELOPER/APPLICANT

PRINCE GEORGES COUNTY
9200 COUNTY ADMINISTRATION BUILDING
MARLBORO, MD 20772
PHONE #: (301) 883-7652

MAP 6533	GRID E10
TAX MAP 77.01	ZONING CM/OS/RT R/R
GRID 210 210	AREA
201 SE 14	
SITE TAKING HORIZONTAL: 1"=300' VERTICAL: 1"=10'	AUTH

SEDIMENT CONTROL PLAN

GRADING, EROSION, AND SEDIMENT CONTROL PLAN
D.O.E. - CLEANWATER PARTNERSHIP
GREENBELT LAKE
GREENBELT, MD 20770
BERWYN (21ST) ELECTION DISTRICT, PRINCE GEORGE'S COUNTY, MARYLAND

SHEET 1 OF 5
PROJECT NO. 3556-0400

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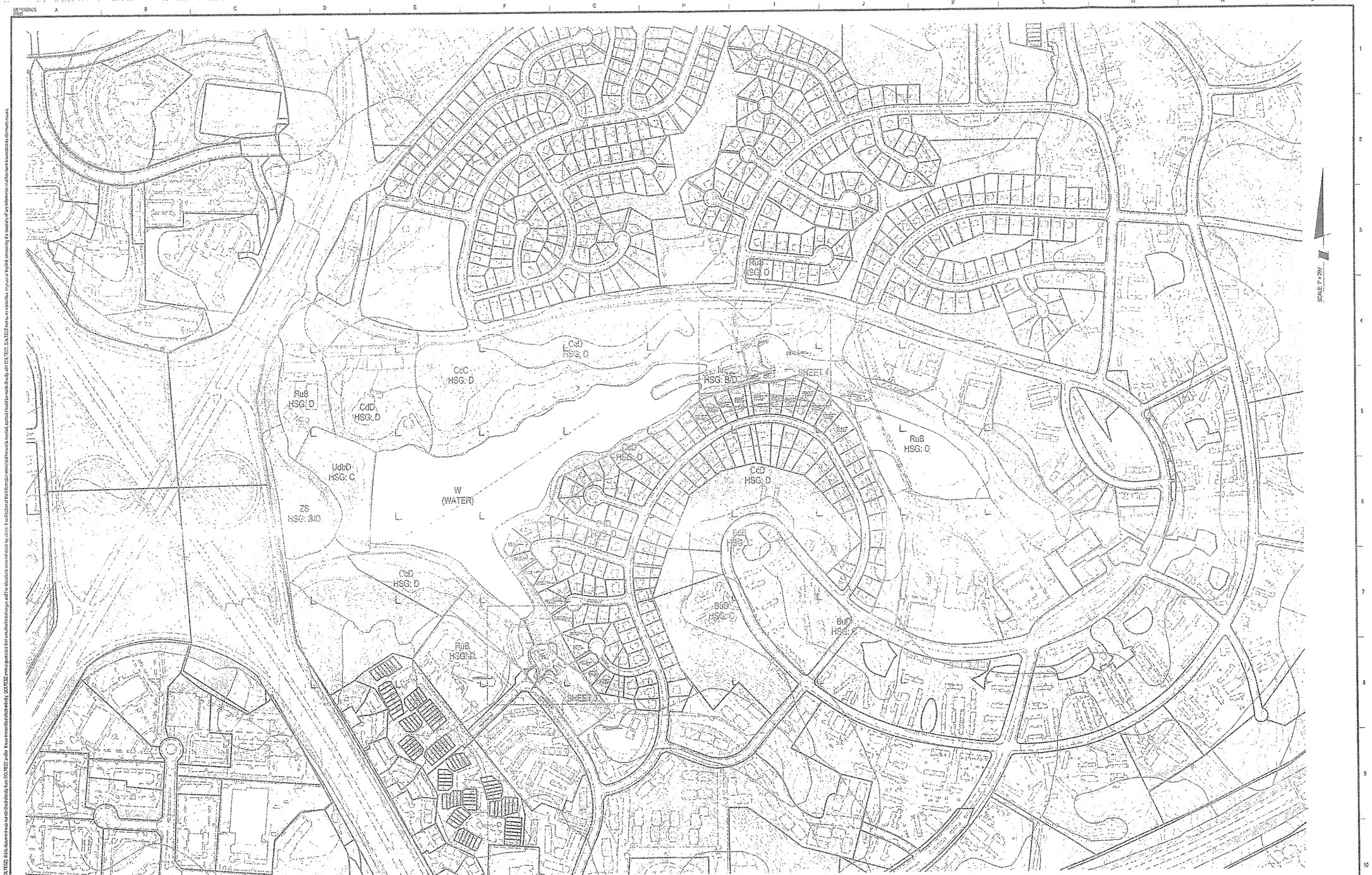

SOLTESZ, LLC

Engineering
Surveying
Planning
Environmental Sciences

4300 Forbes Boulevard, Suite 230
Lanham, MD 20706
P. 301.794.7555 F. 301.794.7555

www.soltesz.com

NO.	REVISION	BY	DATE

DATE: NOVEMBER 2015
CAD FILNAME: 3564-00-GRP1
DESIGNED: SMP
DRAWN: SMP
CHECKED: JRH

MISS UTILITY NOTE

NOTIFICATION OF CONSTRUCTION ACTIVITIES AND OTHER UTILITIES MUST BE GIVEN PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR MUST BE RESPONSIBLE FOR THE EXACT LOCATION AND IDENTITY OF ALL EXISTING UTILITIES, INCLUDING UTILITIES NOT SHOWN ON THE PLAN. THE CONTRACTOR MUST ALSO BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES NOT SHOWN ON THE PLAN. THE CONTRACTOR MUST NOTIFY THE UTILITY COMPANIES AT LEAST 48 HOURS PRIOR TO THE START OF EXCAVATION. IF DISCREPANCIES EXISTS THAN SHOWN ON THIS PLAN OR THERE ARE ANY QUESTIONS, CONTACT THE SOLTESZ ENGINEERS AND THE UTILITY COMPANY BEFORE PROCEEDING WITH CONSTRUCTION. CLEARANCES LESS THAN STATED MAY REQUIRE REVISIONS TO THE PLAN.

OWNER/DEVELOPER/APPLICANT

PRINCE GEORGE'S COUNTY
3120 COUNTY ADMINISTRATION BUILDING
MARLBORO, MD 20772
PHONE #: (301) 883-7083

MAP 5533	GRID E10
TAX MAP 77, D1	ZONING E-A "C" ZONY R-R
PRCS 100' SHEET 201 SE 14	SCALE:
DIST. SYSTEM HORIZONTAL: NAD83 VERTICAL: NGVD29	ROUT:

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. 42531 EXPIRATION DATE: 06/30/2017

STATE OF MARYLAND
JAMES R. HOLMES
No. 42531
PROFESSIONAL ENGINEER

12/10/15

COMPOSITE AREA MAP

GRADING, EROSION, AND SEDIMENT CONTROL PLAN
D.O.E. - CLEANWATER PARTNERSHIP
GREENBELT LAKE
GREENBELT, MD 20770

BERWYN (21ST) ELECTION DISTRICT, PRINCE GEORGE'S COUNTY, MARYLAND

SHEET 2 OF 5

PROJECT NO. 3564-00-00

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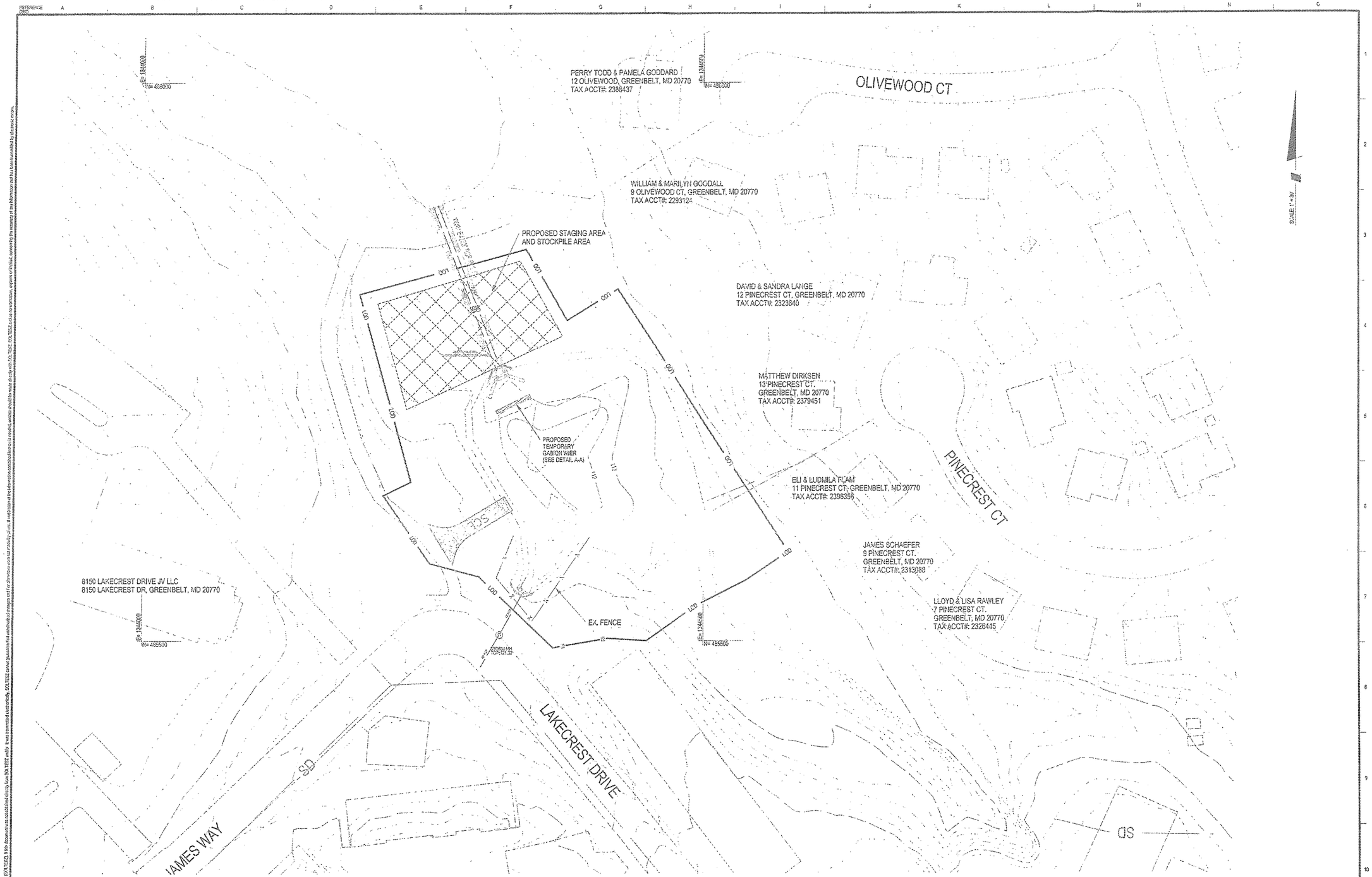

PROFESSIONAL CERTIFICATION

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. 28931 EXPIRATION DATE: 06/17/2017

12/10/15

PLAN VIEW - FOREBAY #1

SOLTESZ, LLC

Engineering
Surveying
Planning
Environmental Sciences

4300 Forbes Boulevard, Suite 230
Lanham, MD 20706
P. 301.794.7555 F. 301.794.7556
www.soltesz.com

NO.	REVISION	BY	DATE

DATE: NOVEMBER 2015 | SHEET SIZE: ANSI D | 24 x 36
DESIGNED: SMP | DRAWN: SMP | CHECKED: JRW

MISS UTILITY NOTE

INFORMATION CONCERNING ELECTRIC UNDERGROUND UTILITIES WAS OBTAINED FROM A MISS UTILITY REQUEST. THE LOCATION AND SIZE OF THE SURFACE LOCATION AND ELEVATION OF ALL EXISTING UTILITIES AND UTILITY CROSSINGS BY OTHERS WERE OBTAINED FROM FIELD SURVEY. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES AT LEAST TWO WEEKS PRIOR TO THE START OF EXCAVATION. IF CLEARANCES ARE LESS THAN 18" BETWEEN THE PLANS AND THE FIELD VERIFIED, THE CONTRACTOR MUST CONTACT THE ENGINEER AND THE UTILITY COMPANY BEFORE PROCEEDING WITH ANY EXCAVATION. CLEARANCES LESS THAN 18" MAY REQUIRE REVISIONS TO THE PLAN.

OWNER/DEVELOPER/APPLICANT

PRINCE GEORGE'S COUNTY
3500 COUNTY ADMINISTRATION BUILDING
UPPER MARLBORO, MD 20772
PHONE #: (301) 952-7032

MAP	0033	GRID	E10
EX. USE		ZONING CATEGORY	
77, D1		R-R	
WSSC SYS GRID		ZONE	
201 SE 14			
SITE DATUM		SCALE	
VERTICAL: NAVD88			
HORIZONTAL: NAD83			

GRADING, EROSION, AND SEDIMENT CONTROL PLAN

D.O.E. - CLEANWATER PARTNERSHIP

GREENBELT LAKE
GREENBELT, MD 20770

BERWYN (21ST) ELECTION DISTRICT, PRINCE GEORGE'S COUNTY, MARYLAND

SHEET 3 OF 5

PROJECT NO. 3034-0040

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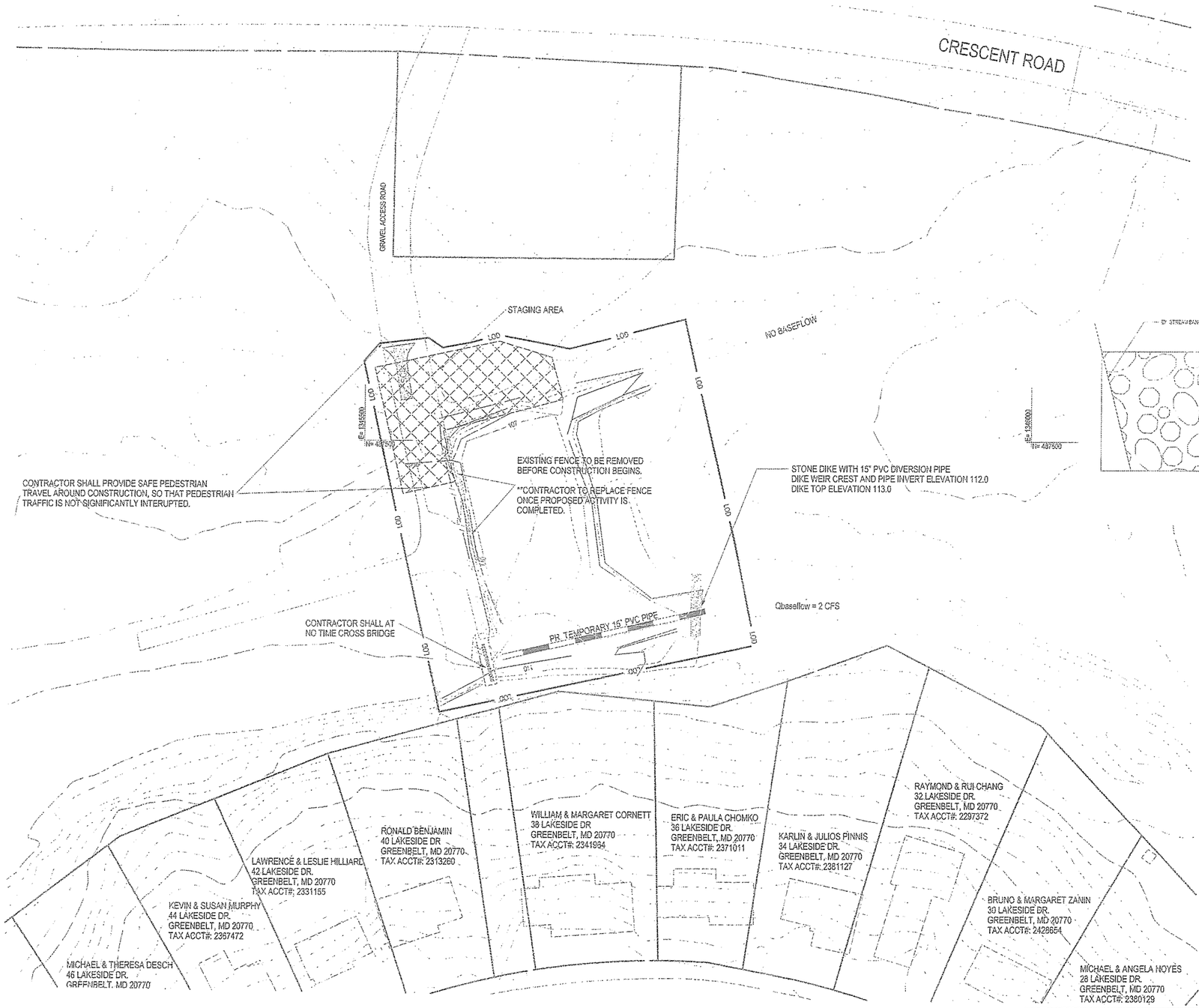

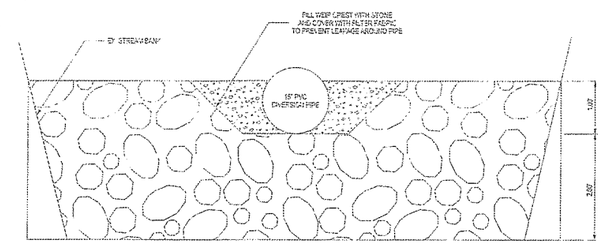

DIVERSION PIPE INSTALLATION IN STONE DIKE

SCALE 1" = 30'

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. 40030 EXPIRATION DATE: 06/30/2016

12/01/15

PLAN VIEW - FOREBAY #2

GRADING, EROSION, AND SEDIMENT CONTROL PLAN
D.O.E. - CLEANWATER PARTNERSHIP
GREENBELT LAKE
GREENBELT, MD 20770
BERWYN (21st) ELECTION DISTRICT, PRINCE GEORGE'S COUNTY, MARYLAND

SOLTESZ, LLC
Engineering Surveying Planning Environmental Sciences
4300 Forbes Boulevard, Suite 230
Lanham, MD 20706
P. 301.794.7555 F. 301.794.7556
www.soltesz.com

NO.	REVISION	BY	DATE

DATE: NOVEMBER 2015 | SHEET SIZE: 24" x 36" | DESIGNED: SMP | TECHNICIAN: SMP | CHECKED: JRH

MISS UTILITY NOTE
INFORMATION CONCERNING EXISTING UNDERGROUND UTILITIES WAS OBTAINED FROM AVAILABLE RECORDS. THE CONTRACTOR MUST DETERMINE THE EXACT LOCATION AND SUPPORT OF ALL EXISTING UTILITIES AND STRUCTURES PRIOR TO BEGINNING WORK. IF ANY UTILITIES OR STRUCTURES ARE ENCOUNTERED THAT CAN NOT BE SUPPORTED AS INDICATED, STOP WORK AND CONTACT THE OWNER'S REPRESENTATIVE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO UTILITIES OR STRUCTURES THAT ARE NOT SUPPORTED AS INDICATED ON THE PLANS. THE CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE IMMEDIATELY IF ANY UTILITIES OR STRUCTURES ARE FOUND TO BE IN CONFLICT WITH THE PROPOSED NEW FEATURES AS SHOWN ON THIS PLAN.

OWNER/DEVELOPER/APPLICANT
PRINCE GEORGE'S COUNTY
2100 COUNTY ADMINISTRATION BUILDING
MARLBORO, MD 20772
PHONE #: (301) 952-7022

MAP 6533	GRID C10		
TAX MAP 77, D1	ZONING DATE/COUNTY R-R		
WSSC 200' SHEET 201 SE 14	10 NAD		
SDC DISTRICT BERWYN	07100		

Scale: 1" = 30'
SHEET 4 OF 5
PROJECT NO. 3664-00-00

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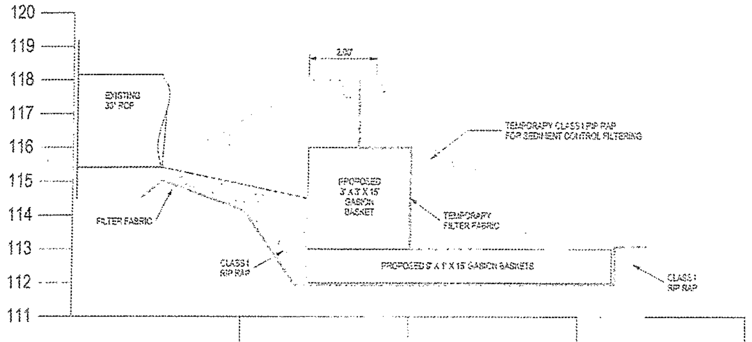
P:\3664-00-00\Greenbelt_Greenbelt Lake\ENGINEERING\DESIGN\SP_Con_4 Site Section 30.0000 8.1 in. Vision 4\Plan.dwg PLT.dwg PDF_Color_116.pltcfg Plotted TEJ7_SAB Jul 12/10/2015 12:07:53 PM



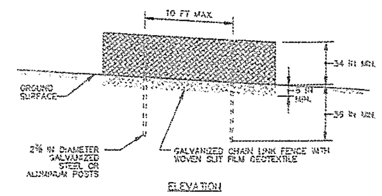
GABION WEIR SECTION A-A

**NOTE: AFTER INSTALLATION OF THE GABION WEIR, THE CONTRACTOR SHALL PLACE FABRIC FILTER OVER UPSTREAM FACING SURFACES OF THE GABION.

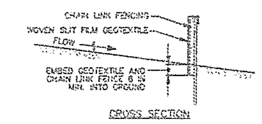
THE CONTRACTOR SHALL MAINTAIN FABRIC DURING DREDGING AND REMOVE IT AT THE COMPLETION OF CONSTRUCTION.

DETAIL E-3 SUPER SILT FENCE

STANDARD SYMBOL
|——SSF——|



ELEVATION



CROSS SECTION

CONSTRUCTION SPECIFICATIONS

1. INSTALL 2⅜ INCH DIAMETER GALVANIZED STEEL POSTS OF 0.095 INCH WALL THICKNESS AND SIX FOOT LENGTH SPACED NO FURTHER THAN 10 FEET APART. DRIVE THE POSTS A MINIMUM OF 36 INCHES INTO THE GROUND.
2. FASTEN 9 GAUGE OR HEAVIER GALVANIZED CHAIN LINK FENCE (2⅜ INCH MAXIMUM OPENING) 42 INCHES IN HEIGHT SECURELY TO THE FENCE POSTS WITH WIRE TIES OR HOG RINGS.
3. FASTEN WOVEN SLIT FILM GEOTEXTILE AS SPECIFIED IN SECTION H-1 MATERIALS, SECURELY TO THE UPSLOPE SIDE OF CHAIN LINK FENCE WITH TIES SPACED EVERY 24 INCHES AT THE TOP AND MID SECTION. EMBED GEOTEXTILE AND CHAIN LINK FENCE A MINIMUM OF 8 INCHES INTO THE GROUND.
4. WHERE ENDS OF THE GEOTEXTILE COME TOGETHER, THE ENDS SHALL BE OVERLAPPED BY 6 INCHES, FOLDED, AND STAPLED TO PREVENT SEDIMENT BY PASS.
5. EXTEND BOTH ENDS OF THE SUPER SILT FENCE A MINIMUM OF FIVE HORIZONTAL FEET UPSLOPE AT 45 DEGREES TO THE MAIN FENCE ALIGNMENT TO PREVENT RUNOFF FROM GOING AROUND THE ENDS OF THE SUPER SILT FENCE.
6. PROVIDE MANUFACTURER CERTIFICATION TO THE INSPECTION/ENFORCEMENT AUTHORITY SHOWING THAT GEOTEXTILE USED MEETS THE REQUIREMENTS IN SECTION H-1 MATERIALS.
7. REMOVE ACCUMULATED SEDIMENT AND DEBRIS WHEN BULGES DEVELOP IN FENCE OR WHEN SEDIMENT REACHES 25% OF FENCE HEIGHT. REPLACE GEOTEXTILE IF TORN. IF UNDERMINING OCCURS, REINSTALL CHAIN LINK FENCING AND GEOTEXTILE.

MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL

U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SERVICE	2011	MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION

B-4-8 STANDARDS AND SPECIFICATIONS FOR STOCKPILE AREA

Definition

A mound or pile of soil protected by appropriately designed erosion and sediment control measures.

Purpose

To provide a designated location for the temporary storage of soil that controls the potential for erosion, sedimentation, and changes to drainage patterns.

Conditions Where Practice Applies

Stockpile areas are utilized when it is necessary to salvage and store soil for later use.

Criteria

1. The stockpile location and all related sediment control practices must be clearly indicated on the erosion and sediment control plan.
2. The footprint of the stockpile must be sized to accommodate the anticipated volume of material and based on a side slope ratio no steeper than 2:1. Benching must be provided in accordance with Section B-3 Land Grading.
3. Runoff from the stockpile area must drain to a suitable sediment control practice.
4. Access the stockpile area from the upgrade side.
5. Clear water runoff into the stockpile area must be minimized by use of a diversion device such as an earth dike, temporary swale or diversion fence. Provisions must be made for discharging concentrated flow in a non-erosive manner.
6. Where runoff concentrates along the toe of the stockpile fill, an appropriate erosion/sediment control practice must be used to intercept the discharge.
7. Stockpiles must be stabilized in accordance with the 3/7 day stabilization requirement as well as Standard B-4-1 Incremental Stabilization and Standard B-4-4 Temporary Stabilization.
8. If the stockpile is located on an impervious surface, a liner should be provided below the stockpile to facilitate cleanup. Stockpiles containing contaminated material must be covered with impermeable sheeting.

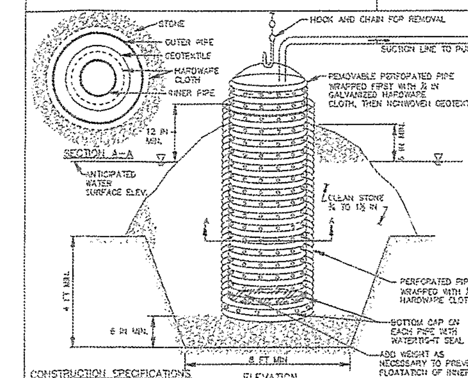
Maintenance

The stockpile area must continuously meet the requirements for Adequate Vegetative Establishment in accordance with Section B-4 Vegetative Stabilization. Side slopes must be maintained at no steeper than a 2:1 ratio. The stockpile area must be kept free of erosion. If the vertical height of a stockpile exceeds 20 feet for 2:1 slopes, 30 feet for 3:1 slopes, or 40 feet for 4:1 slopes, benching must be provided in accordance with Section B-3 Land Grading.

B.43

DETAIL F-1 REMOVABLE PUMPING STATION

STANDARD SYMBOL
RPS



ELEVATION

CONSTRUCTION SPECIFICATIONS

1. USE CORRUGATED METAL OR PLASTIC PIPE WITH 1 INCH DIAMETER PERFORATIONS 6 INCHES ON CENTER.
2. USE A MINIMUM 12 INCH DIAMETER INNER PIPE WITH AN OUTER PIPE A MINIMUM 6 INCHES LARGER IN DIAMETER. BOTTOM OF EACH PIPE MUST BE CAPPED WITH WATERTIGHT SEAL.
3. WRAP EACH PIPE WITH ¼ INCH GALVANIZED HARDWARE CLOTH. ON INNER PIPE WRAP NONWOVEN GEOTEXTILE, AS SPECIFIED IN SECTION H-1 MATERIALS, OVER THE HARDWARE CLOTH.
4. EXCAVATE 8 FEET X 8 FEET X 4 FEET DEEP PIT FOR PIPE PLACEMENT. PLACE CLEAN ¾ TO 1½ INCH STONE OR EQUIVALENT RECYCLED CONCRETE, 6 INCHES IN DEPTH PRIOR TO PIPE PLACEMENT.
5. SET TOP OF INNER AND OUTER PIPES MINIMUM 12 INCHES ABOVE ANTICIPATED WATER SURFACE ELEVATION (OR RISER CREST ELEVATION WHEN DEWATERING A BASIN).
6. BACKFILL PIT AROUND THE OUTER PIPE WITH ¾ TO 1½ INCH CLEAN STONE OR EQUIVALENT RECYCLED CONCRETE AND EXTEND STONE A MINIMUM OF 6 INCHES ABOVE ANTICIPATED WATER SURFACE ELEVATION.
7. DISCHARGE TO A STABLE AREA AT A NONEROSIVE RATE.
8. A REMOVABLE PUMPING STATION REQUIRES FREQUENT MAINTENANCE. IF SYSTEM CLOGS, PULL OUT INNER PIPE AND REPLACE GEOTEXTILE. KEEP POINT OF DISCHARGE FREE OF EROSION.

MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL

U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SERVICE	2011	MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION

SEQUENCE OF CONSTRUCTION (FOREBAY #1)

1.	THE OWNER/DEVELOPER/APPLICANT SHALL ARRANGE FOR A PRE-CONSTRUCTION MEETING WITH THE DPIE INSPECTOR (301 - 883-3820).	(1 DAY)	WEEK 1
2.	CALL MISS UTILITY 48 HRS PRIOR TO CONSTRUCTION.	(1 DAY)	WEEK 1
3.	CLEAR AREAS NECESSARY TO INSTALL STABILIZED CONSTRUCTION ENTRANCE TO ACCESS THE SITE.	(2 DAY)	WEEK 1
4.	INSTALL SEDIMENT DEVICES AND TEMPORARY CONSTRUCTION FENCE ALONG THE LIMITS OF DISTURBANCE AS SHOWN ON THE PLAN.	(3 DAYS)	WEEK 2
5.	BEGIN PUMPING FOREBAY. CONTRACTOR SHALL PROVIDE THE PROPER PUMP SIZE FOR THIS FOREBAY. THERE IS NO RESIDUAL FLOW TO THIS FOREBAY. HOWEVER, THE CONTRACTOR SHOULD BE AWARE THAT RAIN EVENTS WILL CAUSE SIGNIFICANT INCREASE IN FLOW.	(3 DAYS)	WEEK 2
6.	ONCE THE WATER LEVEL IS LOW ENOUGH, INSTALL SUMP PIT TO FINISH PUMPING FOREBAY UNTIL IT IS EMPTY. THIS SUMP PIT WILL REMAIN UNTIL DREDGING IS COMPLETE.	(3 DAYS)	WEEK 3
7.	BEGIN CONSTRUCTION AND REPAIRS OF EXISTING GABION WALL. (SEE DETAIL A-A GABION WEIR SECTION). GABION WALL WILL BE THE END TO CAPTURE SEDIMENT DURING THE LIFE OF THE FOREBAY.	(1 WEEK)	WEEK 4
8.	ONCE GABION WALL IS COMPLETE, BEGIN DREDGING THE BOTTOM OF FOREBAY #1. REMOVE SEDIMENT LAYER UNTIL THE BOTTOM ELEVATION OF THE FOREBAY IS AT 112 FT. SEE PLAN VIEW. (HEAVY EQUIPMENT SHOULD STAY ON SCE AND ON THE EDGE OF BANKS WHERE EQUIPMENT WILL NOT NEGATIVELY AFFECT COMPACTION OR CREATE ADDITIONAL EROSION).	(1 WEEK)	WEEK 5
9.	REMOVED SEDIMENT SHOULD BE PLACED IN DESIGNATED STAGING AREAS. THEN ALL MATERIAL GATHERED FROM BOTTOM OF THE FOREBAY SHOULD BE LANDFILLED AT A LOCATION APPROVED BY THE COUNTY.	ON-GOING	WEEKS 5-6
10.	DURING CONSTRUCTION AND AFTER EACH RAINFALL EVENT, THE CONTRACTOR SHALL INSPECT AND PROVIDE ANY NECESSARY MAINTENANCE ON THE EROSION AND SEDIMENT CONTROL DEVICES.	ON-GOING	
11.	AFTER THE ENTIRE SITE IS STABILIZED AND WITH THE APPROVAL OF THE INSPECTOR, REMOVE ALL SEDIMENT CONTROL DEVICES AND STABILIZE THE AREAS AT THE DEVICE LOCATIONS	(1 WEEK)	WEEK 6
12.	CONTACT THE INSPECTOR FOR APPROVAL AND END OF CONSTRUCTION	(1 WEEK)	WEEK 7

SEQUENCE OF CONSTRUCTION (FOREBAY #2)

1.	THE OWNER/DEVELOPER/APPLICANT SHALL ARRANGE FOR A PRE-CONSTRUCTION MEETING WITH THE DPIE INSPECTOR (301-883-3820).	(1 DAY)	WEEK 1
2.	CALL MISS UTILITY 48 HRS PRIOR TO CONSTRUCTION.	(1 DAY)	WEEK 1
3.	CLEAR AREAS NECESSARY TO INSTALL STABILIZED CONSTRUCTION ENTRANCE TO ACCESS THE SITE.	(2 DAY)	WEEK 1
4.	INSTALL SEDIMENT DEVICES AND TEMPORARY CONSTRUCTION FENCE ALONG THE LIMITS OF DISTURBANCE AS SHOWN ON THE PLAN.	(3 DAYS)	WEEK 2
5.	BEGIN PUMPING FOREBAY. CONTRACTOR SHALL PROVIDE THE PROPER PUMP SIZE FOR THIS FOREBAY. THERE IS A RESIDUAL FLOW OF 2 CFS TO THIS FOREBAY. THE CONTRACTOR SHOULD ALSO BE AWARE THAT RAIN EVENTS WILL CAUSE SIGNIFICANT INCREASE IN FLOW.	(1 WEEK)	WEEK 3
6.	ONCE THE WATER LEVEL IS LOW ENOUGH, INSTALL SUMP PIT TO FINISH PUMPING FOREBAY UNTIL IT IS EMPTY.	(1 WEEK)	WEEK 4
7.	BEGIN CONSTRUCTION OF GABION WEIR SECTION, (SEE DETAIL ON PAGE 4)	(1 WEEK)	WEEK 5
8.	THE GABION WEIR SECTION WILL ALLOW THE RESIDUAL FLOW WITHIN THE STREAM BANK TO FLOW INTO GREENBELT LAKE BY USING GRAVITY. USE THE PUMP AND SUMP PIT TO SUPPLEMENT THE REMOVAL OF WATER IN THE FOREBAY, UNTIL DREDGING OF BOTTOM IS COMPLETE.		WEEK 5
9.	BEGIN DREDGING THE BOTTOM OF FOREBAY #2. REMOVE SEDIMENT LAYER UNTIL THE BOTTOM ELEVATION OF THE FOREBAY IS AT 107 FT. SEE PLAN VIEW. (HEAVY EQUIPMENT SHOULD STAY ON SCE AND ON THE EDGE OF BANKS WHERE EQUIPMENT WILL NOT NEGATIVELY AFFECT COMPACTION OR CREATE ADDITIONAL EROSION).	(1 WEEK)	WEEK 6
10.	REMOVED SEDIMENT SHOULD BE PLACED IN DESIGNATED STAGING AREAS. THEN ALL MATERIAL GATHERED FROM BOTTOM OF THE FOREBAY SHOULD BE LANDFILLED AT A LOCATION APPROVED BY THE COUNTY.	ON-GOING	
11.	DURING CONSTRUCTION AND AFTER EACH RAINFALL EVENT, THE CONTRACTOR SHALL INSPECT AND PROVIDE ANY NECESSARY MAINTENANCE ON THE EROSION AND SEDIMENT CONTROL DEVICES.	ON-GOING	
12.	AFTER THE ENTIRE SITE IS STABILIZED AND WITH THE APPROVAL OF THE INSPECTOR, REMOVE ALL SEDIMENT CONTROL DEVICES AND STABILIZE THE AREAS AT THE DEVICE LOCATIONS	(1 WEEK)	WEEK 7
13.	CONTACT THE INSPECTOR FOR APPROVAL AND END OF CONSTRUCTION	(1 WEEK)	WEEK 8

SOLTESZ, LLC
Engineering
Surveying
Planning
Environmental Sciences
4300 Forbes Boulevard, Suite 230
Lanham, MD 20706
P. 301.794.7555 F. 301.794.7656
www.solteszco.com

NO. | REVISIONS | BY | DATE
DATE: NOVEMBER 2015 | CAE STANDARDS VERSION: V3 - 2002
DESIGNED: SMP | TECHNICIAN: SMP | CHECKED: JPM

MISS UTILITY NOTE

INFORMATION CONCERNING EXISTING UNDERGROUND UTILITIES WAS OBTAINED FROM AVAILABLE RECORDS. THE CONTRACTOR MUST DETERMINE THE EXACT LOCATION AND ELEVATION OF ALL EXISTING UTILITIES AND UTILITY CROSSINGS BY DIGGING TEST PITS BY HAND, WELL IN ADVANCE OF THE START OF EXCAVATION. CONTACT "MISS UTILITY" AT 1-800-257-7777, 48 HOURS PRIOR TO THE START OF EXCAVATION. IF CLEARANCES ARE LESS THAN SHOWN ON THIS PLAN OR TWELVE (12) INCHES, WHICHEVER IS LESS, CONTACT THE ENGINEER AND THE UTILITY COMPANY BEFORE PROCEEDING WITH CONSTRUCTION. CLEARANCES LESS THAN NOTED MAY REQUIRE REVISIONS TO THIS PLAN.

OWNER/DEVELOPER/APPLICANT

PRINCE GEORGE'S COUNTY
3120 COUNTY ADMINISTRATION BUILDING
MARLBORO, MD 20772
PHONE #: (301) 852-7082

MAP 5593 GRID E10
TAX MAP 77, D1 | ZONING CATEGORY: R-R
WSSC 200' SHEET 201 SE 14 | AREA:
SITE DATUM HORIZONTAL NAD83 VERTICAL NGVD29 | XXXX:

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. 40236 EXPIRATION DATE: 06/27/2017

SEDIMENT CONTROL PLAN - DETAILS

GRADING, EROSION, AND SEDIMENT CONTROL PLAN
D.O.E. - CLEANWATER PARTNERSHIP
GREENBELT LAKE
GREENBELT, MD 20770

BERWYN (21ST) ELECTION DISTRICT, PRINCE GEORGE'S COUNTY, MARYLAND

SCALE NTS
SHEET 5 OF 5
PROJECT NO 3354-00-00