

LEGEND
EX. VEGETATION LINE
EX. TREES
EX. 1' CONTOUR
EX. 2' CONTOUR
PROPERTY LINE
LOT LINE
EX. CURB
EX. GAS LINE
EX. UTILITY POLE
OVER HEAD WIRE
EXISTING SANITARY
EXISTING WATER
LIMIT OF DISTURBANCE
ORANGE HIGH VISIBILITY FENCE
SOIL TYPES
100-YEAR FLOODPLAIN LINE
(BASE + 1' FREEDOM)SEDIMENT CONTROL LEGEND:
STABILIZED CONSTRUCTION ENTRANCE
MOUNTAIN BERM
SILT FENCE
SUPER SILT FENCE
FENCE
FENCE
SILT FENCE DIVERSION
REMOVABLE PUMPING STATION
SILT FENCE CHECK DAM
BAFFLE BOARD
GABION INFLOW PROTECTION
RRAP INFLOW PROTECTION
ROCK OUTLET PROTECTION TYPE 3

FOREST BUFFER PLANTING:
ALL DISTURBED AREAS WITHIN THE FOREST BUFFER SHALL BE SEEDED WITH A SEED MIX CONTAINING A PREDOMINANT OF GRASSY PANG GRASS, BROOM SEDGE, KEEPING LOVEGRASS OR NATIVE PASTURE/MEADOW MIX.
FOR NATIVE PASTURE/MEADOW MIX, CONTRACTOR SHALL USE ERNST NATIVE STEEP SLOPE MIX V. ANNUAL RYEGRASS (SHOWN ON SED-3) AS MANUFACTURED BY ERNST CONSERVATION SEEDS, 8884 HERGERT PIKE, HEADVILLE PA 16355 - (800-875-9321) OR APPROVED EQUAL.
KENTUCKY 31 FESCUE, OR OTHER TALL FESCUE, ARE NOT ACCEPTABLE FOR THIS PURPOSE.

NOTE:
ON FEBRUARY 4, 2015, A VARIANCE WAS GRANTED BY THE BALTIMORE COUNTY DEPARTMENT OF ENVIRONMENTAL PROTECTION AND SUSTAINABILITY FOR THE PROTECTION OF WATER QUALITY, STREAMS, WETLANDS AND FLOODPLAIN. THE FOREST BUFFER EASEMENT SHOWN HEREON IS REFLECTIVE OF THE FACT THAT THIS VARIANCE PERMITS CONSTRUCTION WITHIN 50 FEET OF THE FOREST BUFFER EASEMENT BOUNDARY. THIS VARIANCE IS TO BE USED TO MAINTAIN THE FOREST BUFFER EASEMENT AND TO MAINTAIN MONUMENTS ALONG THE OUTER EASEMENT BOUNDARY.

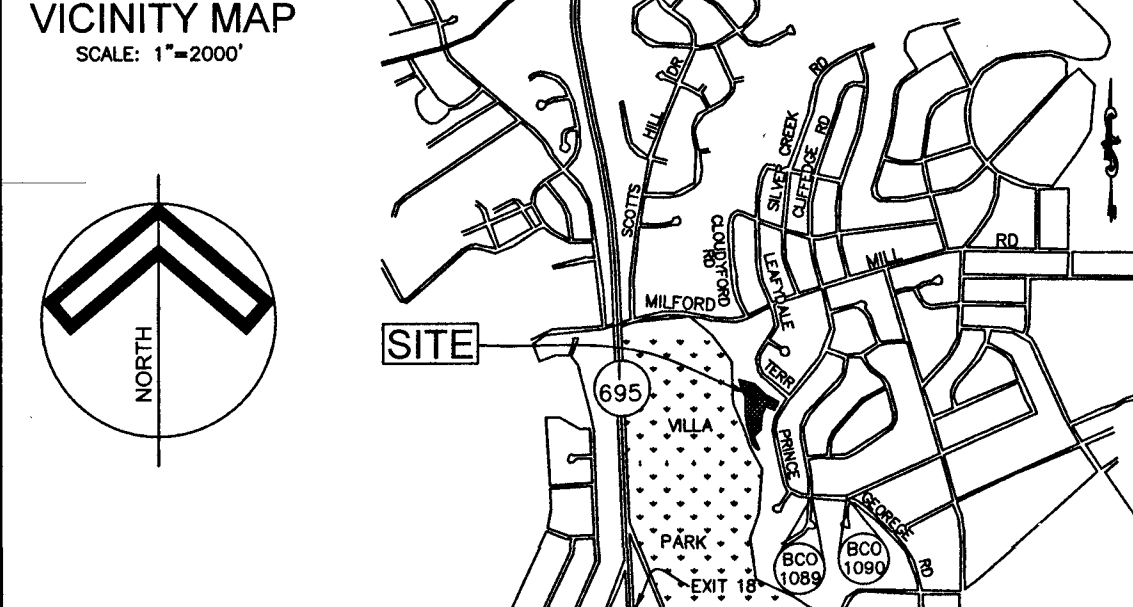
PROTECTIVE COVENANTS NOTE:
ANY FOREST BUFFER EASEMENT SHOWN HEREON IS SUBJECT TO PROTECTIVE COVENANTS WHICH MAY BE FOUND IN THE LAND RECORDS OF BALTIMORE COUNTY AND WHICH RESTRICT DISTURBANCE AND USE OF THESE AREAS.

MAINTENANCE NOTE:
SUPER SILT FENCE AND SILT FENCE SHALL BE INSPECTED FOR STRESS AND MAINTAINED AFTER EACH STORM EVENT. MAINTENANCE INCLUDES, BUT IS NOT LIMITED TO, REMOVAL OF ALL ACCUMULATED SEDIMENT, GEOTEXTILE FABRIC SHALL BE REPLACED AS NEEDED TO ENSURE PROPER FUNCTION.

NOTE:
IF REQUIRED BY THE SEDIMENT CONTROL INSPECTOR, FENCING SHALL BE INSTALLED TO PREVENT ACCESS TO THE BASIN, TRAP BY CHILDREN.

BENCHMARK INFORMATION

STATION	NORTHING	EASTING	ELEVATION
BALT. CO. 80691	614602.70	136659.14	547.98
BALT. CO. 8040	614833.50	136645.30	400.12



SEQUENCE OF OPERATIONS:

- NOTIFY BALTIMORE COUNTY DEPARTMENT OF PERMITS, APPROVALS & INSPECTIONS, SEDIMENT CONTROL (402-041-3200) AT LEAST 48 HOURS PRIOR TO BEGINNING WORK. NOTIFY ENGINEER-IN-CHARGE, RICHARD E. MATZ, P.E. COLBERT MATZ ROSENFELT, INC. (410-655-2000) AT LEAST 48 HOURS PRIOR TO BEGINNING WORK. (SECOND COLBERT MATZ ROSENFELT CONTACT: STUART L. BARILEY)
- WHERE APPLICABLE ORANGE HIGH VISIBILITY FENCE SHALL BE MANUALLY INSTALLED ALONG THE LIMIT OF DISTURBANCE, WHERE THE LIMIT IS WITHIN 50 FEET OF THE FOREST BUFFER/CONSERVATION EASEMENT. THIS SHALL BE COMPLETED BY AND INSPECTED AT THE PRECONSTRUCTION MEETING. CLEAR, GRUB FOR, AND INSTALL, STABILIZED CONSTRUCTION ENTRANCE WITH MOUNTAIN BERM. INSTALL THE CLEAR WATER FENCE DIVERSIONS AND ASSOCIATED ROCK OUTLET PROTECTIONS. INSTALL THE 3" STABILIZATION.
- WITH APPROPRIATE CLEAR HEATHER FORECAST, CLEAR, GRUB AND INSTALL SUPER SILT FENCE AROUND PROPOSED SEDIMENT TRAP AS SHOWN ON INITIAL CONDITION INSET. EXCAVATE AND INSTALL SEDIMENT TRAP. GABION INFLOW PROTECTION AND BATTERIES. INSTALL REMOVABLE PUMPING STATION WHICH SHALL BE USED FOR MAINTENANCE AND AT TIME OF TRAP CONVERSION GRADE THE AREA SOUTH EAST OF SEDIMENT TRAP #1 AS SHOWN ON INITIAL CONDITION PLAN. UPON COMPLETION OF GRADING SAID AREA, INSTALL SUPER FENCE DIVERSION AT THAT AREA TO DIVERT FLOW INTO THE SEDIMENT TRAP.
- UPON COMPLETION OF STEP 4, CLEAR, GRUB AND INSTALL PERIMETER SEDIMENT CONTROL MEASURES AND DEVICES: SILT FENCE, SUPER SILT FENCE, AND/OR STABILIZED CONSTRUCTION ENTRANCE WITH MOUNTAIN BERM AND SILT FENCE CHECK DAMS AS SHOWN ON INITIAL CONDITION PLAN.
- NOTIFY BALTIMORE COUNTY DEPARTMENT OF PERMITS, APPROVALS & INSPECTIONS, SEDIMENT CONTROL, UPON COMPLETION OF SAID INSTALLATION.
- WITH THE APPROVAL OF BALTIMORE COUNTY DEPARTMENT OF PERMITS, APPROVALS & INSPECTIONS, SEDIMENT CONTROL, AND THE SEDIMENT CONTROL INSPECTOR, CLEAR AND GRUB REMAINDER OF SITE AND REMOVE EXISTING IMPROVEMENTS WITHIN THE LOD, AS REQUIRED. EXCAVATED MATERIAL NOT USED ON SITE SHALL BE DISPOSED AT A SITE WITH AN OPEN GRADING PERMIT AND AN APPROVED SEDIMENT CONTROL PLAN. AFTER EVERY STORM EVENT, CONTRACTOR SHALL INSPECT AND MAINTAIN ALL 3" SF, SF, SF AND INLET PROTECTIONS. MAINTENANCE SHALL INCLUDE BUT NOT BE LIMITED TO REMOVAL OF ALL ACCUMULATED SEDIMENT. GEOTEXTILE FABRIC SHALL BE REPLACED AS NEEDED TO ENSURE PROPER FUNCTION.

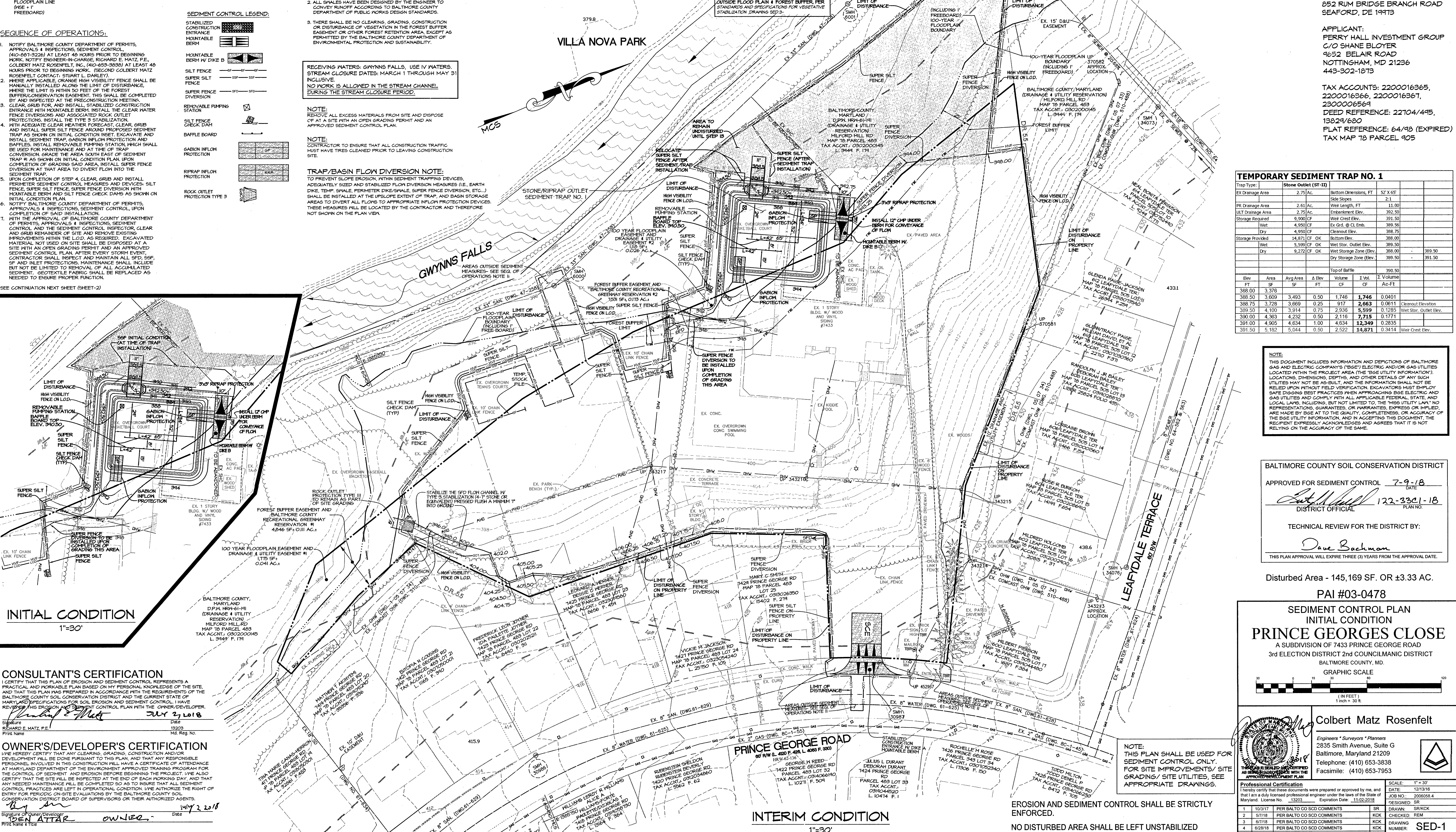
REQUIRED GRADING PLAN NOTES:

- THE PROPOSED GRADING SHOWN ON THIS PLAN MEETS THE REQUIREMENTS SET FORTH BY BALTIMORE COUNTY DEPARTMENT OF ENVIRONMENTAL PROTECTION AND SUSTAINABILITY FOR ARTICLE 93, TITLE 9 OF THE BALTIMORE COUNTY CODE. HOWEVER, DUE TO BUILDING TYPES AND LAYOUT, SOME FIELD ADJUSTMENTS MAY BE REQUIRED. ALL CHANGES MUST COMPLY WITH THE ABOVE MENTIONED REQUIREMENTS.
- ALL SPOALES HAVE BEEN DESIGNED BY THE ENGINEER TO CONVEY RUNOFF ACCORDING TO BALTIMORE COUNTY DEPARTMENT OF PUBLIC WORKS DESIGN STANDARDS.
- THERE SHALL BE NO CLEARING, GRADING, CONSTRUCTION OR DISTURBANCE OF VEGETATION IN THE FOREST BUFFER EASEMENT OR OTHER FOREST RETENTION AREA, EXCEPT AS PERMITTED BY THE BALTIMORE COUNTY DEPARTMENT OF ENVIRONMENTAL PROTECTION AND SUSTAINABILITY.

REQUIRED EPS NOTE:
PROTECTIVE FENCE (ORANGE HIGH VISIBILITY FENCE) SHALL BE MANUALLY INSTALLED ALONG THE LIMIT OF DISTURBANCE, WHERE THE LIMIT IS WITHIN 50 FEET OF THE FOREST BUFFER/CONSERVATION EASEMENT. THIS SHALL BE COMPLETED AND THE LOCATION OF THE FENCE APPROVED BY BALTIMORE COUNTY DEPARTMENT OF ENVIRONMENTAL PROTECTION AND SUSTAINABILITY PRIOR TO ANY PERMIT APPROVAL, OR AT THE TIME OF PRECONSTRUCTION MEETING, IF ANY PROBLEM ARISES REGARDING THE FENCE LOCATION, NECESSARY EQUIPMENT CLEARING, ETC. NO PERMIT WILL BE ISSUED UNTIL THE REQUIRED CORRECTIONS ARE COMPLETED TO THE SATISFACTION OF BALTIMORE COUNTY EPS.

STANDARD NON-DISTURBANCE NOTE:
THERE SHALL BE NO CLEARING, GRADING, CONSTRUCTION OR DISTURBANCE OF VEGETATION IN THE FOREST BUFFER EASEMENTS EXCEPT AS PERMITTED BY THE BALTIMORE COUNTY DEPARTMENT OF ENVIRONMENTAL PROTECTION AND SUSTAINABILITY.

NOTE:
ALL EXISTING INTERVIEWS, STRUCTURES & FENCES WITHIN LOD SHALL BE REMOVED BY DEVELOPER. ALL DISTURBED AREAS, INCLUDING OFFSITE AREAS, UNLESS INTENDED FOR BUILDINGS OR PAVING, SHALL BE PLANTED AS FOLLOWS:
WITHIN FOREST BUFFER, OUTSIDE OF FLOOD PLAN, PER FOREST BUFFER PLANTING NOTES, THIS SHEET.
WITHIN FLOOD PLAN, PER FLOOD PLAN PLANTING NOTES, THIS SHEET.
OUTSIDE FLOOD PLAN & FOREST BUFFER, PER STANDARDS AND SPECIFICATIONS FOR VEGETATIVE STABILIZATION, DRAWING SED-3.



GENERAL NOTES:
1. OWNER: MILTON WOLFE, 852 RUM BRIDGE BRANCH ROAD, SEAFORD, DE 19413
APPLICANT: PERRY HALL INVESTMENT GROUP, C/O SHANE BLOYER, 9652 BELAIR ROAD, NOTTINGHAM, MD 21236, 443-302-1873
TAX ACCOUNTS: 2200016366, 2200016366, 2200016367, 2300006569
DEED REFERENCE: 22/07/4/45, 13828/680
PLAT REFERENCE: 64/98 (EXPIRED)
TAX MAP 78 PARCEL 905

TEMPORARY SEDIMENT TRAP NO. 1

Trap Type	Stone Outlet (5' x 10')	Bottom Dimensions, FT	S/F x G/S		
EX. Drainage Area	2.75 AC.	Site Slope	2:1		
PR. Drainage Area	2.61 AC.	Weir Length, FT	11.00		
UT. Drainage Area	2.75 AC.	Entrapment Elev.	392.50		
Storage Required	9,900 CF	Weir Crest Elev.	391.50		
Wet	4,295 CF	Ex. Chn. & Cr. Elev.	399.50		
Dry	4,950 CF	Cleanout Elev.	398.75		
Storage Provided	14,871 CF	Bottom Elev.	398.00		
Wet	5,599 CF	Wet Stor. Outlet Elev.	399.50		
Dry	9,272 CF	Wet Storage Zone Elev.	398.00		
		Dry Storage Zone Elev.	391.50		
Elev.	Area	Avg. Area	Δ Elev.	Volume	Δ Volume
	FT	SF	FT	CF	CU YD
398.00	3,378	3,409	0.29	1,746	0.0401
399.50	3,609	3,493	0.50	1,746	0.0401
398.75	3,728	3,689	0.25	917	0.0211
399.50	4,100	3,914	0.75	2,663	0.0611
390.00	4,363	4,232	0.50	2,116	0.0521
391.00	4,905	4,634	1.00	4,634	0.1139
391.50	5,182	5,044	0.50	2,522	0.0631
				14,871	0.3414

NOTE:
THIS DOCUMENT INCLUDES INFORMATION AND DEPICTIONS OF BALTIMORE GAS AND ELECTRIC COMPANY'S ("BGE") ELECTRIC AND/OR GAS UTILITIES LOCATED WITHIN THE PROJECT AREA (THE "BGE UTILITY INFORMATION"). LOCATIONS, DIMENSIONS, DEPTHS, AND OTHER DETAILS OF ANY SUCH UTILITIES MAY NOT BE AS-BUILT, AND THE INFORMATION SHALL NOT BE RELIED UPON WITHOUT FIELD VERIFICATION. EXCAVATORS MUST EMPLOY SAFE DIGGING BEST PRACTICES WHEN APPROACHING BORE ELECTRIC AND GAS UTILITIES AND COMPLY WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL LAWS, INCLUDING, BUT NOT LIMITED TO, THE "MISSE UTILITY LAW." NO REPRESENTATIONS, WARRANTIES, OR WARRANTIES, EXPRESS OR IMPLIED, ARE MADE BY BGE AS TO THE QUALITY, COMPLETENESS, OR ACCURACY OF THE BGE UTILITY INFORMATION, AND IN ACCEPTING THIS DOCUMENT, THE RECIPIENT EXPRESSLY ACKNOWLEDGES AND AGREES THAT IT IS NOT RELYING ON THE ACCURACY OF THE SAME.

CONSULTANT'S CERTIFICATION
I CERTIFY THAT THIS PLAN OF SEDIMENT CONTROL 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 BALTIMORE COUNTY SOIL CONSERVATION DISTRICT AND THE CURRENT STATE OF MARYLAND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL. I HAVE REVIEWED THIS SEDIMENT CONTROL PLAN WITH THE OWNER/DEVELOPER.
Richard E. Matz, P.E. July 2, 2018

OWNER/DEVELOPER'S CERTIFICATION
I HEREBY CERTIFY THAT ANY CLEARING, GRADING, CONSTRUCTION AND/OR DEVELOPMENT WILL BE DONE PURSUANT TO THIS PLAN, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THIS CONSTRUCTION WILL HAVE A CERTIFICATE OF ATTENDANCE AT MARYLAND DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I HAVE CERTIFIED THAT THE SITE WILL BE INSPECTED AT THE END OF EACH WORKING DAY, AND THAT ANY NEEDED MAINTENANCE WILL BE COMPLETED SO AS TO INSURE THAT ALL SEDIMENT CONTROL PRACTICES ARE LEFT IN OPERATIONAL CONDITION. I HAVE AUTHORIZED THE RIGHT OF ENTRY FOR PERIODIC ON-SITE EVALUATIONS BY THE BALTIMORE COUNTY SOIL CONSERVATION DISTRICT BOARD OF SUPERVISORS OR THEIR AUTHORIZED AGENTS.
PEN ATTAR July 2, 2018

BALTIMORE COUNTY SOIL CONSERVATION DISTRICT
APPROVED FOR SEDIMENT CONTROL 7-9-18
District Official: Dave Bachman
TECHNICAL REVIEW FOR THE DISTRICT BY: Dave Bachman
THIS PLAN APPROVAL WILL EXPIRE THREE (3) YEARS FROM THE APPROVAL DATE.

Disturbed Area - 145,169 SF. OR ± 3.33 AC.

PAI #03-0478
SEDIMENT CONTROL PLAN
INITIAL CONDITION
PRINCE GEORGES CLOSE
A SUBDIVISION OF 7433 PRINCE GEORGE ROAD
3rd ELECTION DISTRICT 2ND COUNCILMANIC DISTRICT
BALTIMORE COUNTY, MD.
GRAPHIC SCALE
1 inch = 30 ft.

Colbert Matz Rosenfelt
Engineers * Surveyors * Planners
2835 Smith Avenue, Suite G
Baltimore, Maryland 21209
Telephone: (410) 653-3838
Facsimile: (410) 653-7953
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.: 13252
Scale: 1" = 30'
DATE: 12/13/16
JOB NO.: 2006058.4
DESIGNED: SR
DRAWN: SR/CK
CHECKED: REM
DRAWING NUMBER: SED-1
SHEET 1 OF 4

EROSION AND SEDIMENT CONTROL SHALL BE STRICTLY ENFORCED.
NO DISTURBED AREA SHALL BE LEFT UNSTABILIZED OVERNIGHT UNLESS THE RUNOFF IS DIRECTED TO AN MDE APPROVED SEDIMENT CONTROL DEVICE.

NO.	DATE	REVISIONS	BY

- LEGEND**
- EX. VEGETATION LINE
 - EX. TREES
 - EX. 10' CHAIN LINK FENCE
 - EX. 2' CHAIN LINK FENCE
 - PROP. 10' CHAIN LINK FENCE
 - PROPERTY LINE
 - LOT LINE
 - EX. CURB
 - PROP. MOUNTABLE CURB AND GUTTER
 - PROP. 51D CURB AND GUTTER
 - PROP. 51D REVERSE CURB AND GUTTER
 - PROP. FULL DEPTH ASPHALT PAVEMENT
 - PROPOSED CONC. PAVING
 - PROP. SPOT ELEVATION +401.00
 - DIRECTION OF SURFACE DRAINAGE
 - EX. GAS LINE
 - EX. UTILITY POLE
 - OVER HEAD WIRE
 - PROP. INLET
 - PROP. SD MANHOLE
 - PROP. SD LINE
 - EXISTING SANITARY
 - PROP. SAN LINE - EPOXY 8" SAN
 - PROP. SAN MANHOLE
 - EXISTING WATER
 - PROP. WATER LINE - EPOXY 8" WTE
 - PROP. FIRE HYDRANT
 - PROP. WATER VALVE/BLUSH-OFF
 - PROP. WATER METER
 - PROPOSED RETAINING WALL
 - LIMIT OF DISTURBANCE
 - ORANGE HIGH
 - FENCE
 - SOIL TYPES
 - 100-YEAR FLOODPLAIN LINE
 - 11' FREEBOARD

FOREST BUFFER PLANTING:
ALL DISTURBED AREAS WITHIN THE FOREST BUFFER SHALL BE SEEDDED WITH A SEED MIX CONTAINING A PREDOMINANCE OF PERENNIAL RYE, PANGRASS, BROMGRASS, ERGOGRASS, LOVEGRASS OR NATIVE PASTURE/MEADOW MIX FOR NATIVE PASTURE/MEADOW MIX. CONTRACTOR SHALL USE ERNST NATIVE STEEP SLOPE MIX (IV) ANNUAL RYEGRASS (SHOWN ON SED-3) AS MANUFACTURED BY ERNST CONSERVATION SEEDS, 8804 HENGER PKE, HEADVILLE PA 16895 - (800 873-3921) OR APPROVED EQUAL.

FLOOD PLAIN PLANTING:
CERTAIN DISTURBED AREAS WITHIN THE 100 YEAR FLOOD PLAIN SHALL BE SEEDDED WITH A SEED MIX CONTAINING A PREDOMINANCE OF PERENNIAL RYE, PANGRASS, BROMGRASS, ERGOGRASS, LOVEGRASS OR NATIVE PASTURE/MEADOW MIX.

FOR NATIVE PASTURE/MEADOW MIX, CONTRACTOR SHALL USE ERNST NATIVE STEEP SLOPE MIX (IV) ANNUAL RYEGRASS (SHOWN ON SED-3) AS MANUFACTURED BY ERNST CONSERVATION SEEDS, 8804 HENGER PKE, HEADVILLE PA 16895 - (800 873-3921) OR APPROVED EQUAL.

KENTUCKY 31 FESCUE, OR OTHER TALL FESCUES, ARE NOT ACCEPTABLE FOR THIS PURPOSE.

SEDIMENT CONTROL LEGEND:

- STABILIZED CONSTRUCTION ENTRANCE
- MOUNTABLE BERM
- MOUNTABLE BERM W/ DIKE B
- SILT FENCE
- SUPER SILT FENCE
- SUPER FENCE DIVERSION
- REMOVABLE RIMPING STATION
- SILT FENCE AND TEMPORARY STABILIZATION MATTING
- GABION INFLOW PROTECTION
- RIPRAP INFLOW PROTECTION
- ROCK OUTLET PROTECTION TYPE 3
- PERMANENT SEED AND TEMPORARY STABILIZATION MATTING
- AT-GRADE INLET PROTECTION

NOTE:
ON FEBRUARY 4, 2015, A VARIANCE WAS GRANTED BY THE BALTIMORE COUNTY DEPARTMENT OF ENVIRONMENTAL PROTECTION AND SUSTAINABILITY FOR THE PROTECTION OF WATER QUALITY STREAMS, WETLANDS AND FLOODPLAINS. THE FOREST BUFFER EASEMENT SHOWN HEREON IS REFLECTIVE OF THE FACT THAT THIS VARIANCE WAS GRANTED. CONTRACTORS MUST BE AWARE OF THIS VARIANCE TO REDUCE WATER QUALITY IMPACTS INCLUDING SEEDING AND POSTING OF SIGNS AND MONUMENTS ALONG THE OUTER EASEMENT BOUNDARY.

STANDARD NON-DISTURBANCE NOTE:
THERE SHALL BE NO CLEARING, GRADING, CONSTRUCTION OR DISTURBANCE OF VEGETATION IN THE FOREST BUFFER EASEMENT EXCEPT AS PERMITTED BY THE BALTIMORE COUNTY DEPARTMENT OF ENVIRONMENTAL PROTECTION AND SUSTAINABILITY.

REQUIRED GRADING PLAN NOTES:

1. THE PROPOSED GRADING SHOWN ON THIS PLAN MEETS THE REQUIREMENTS SET FORTH BY BALTIMORE COUNTY DEPARTMENT OF ENVIRONMENTAL PROTECTION AND SUSTAINABILITY AND COMPLIED WITH ARTICLE 30, TITLE 9 OF THE BALTIMORE COUNTY CODE. HOWEVER, DUE TO BUILDING TYPES AND LAYOUT, SOME FIELD ADJUSTMENTS MAY BE REQUIRED. ALL CHANGES MUST COMPLY WITH THE ABOVE MENTIONED REQUIREMENTS.
2. ALL SWALES HAVE BEEN DESIGNED BY THE ENGINEER TO CONVEY RUNOFF ACCORDING TO BALTIMORE COUNTY DEPARTMENT OF PUBLIC WORKS DESIGN STANDARDS.
3. THERE SHALL BE NO CLEARING, GRADING, CONSTRUCTION OR DISTURBANCE OF VEGETATION IN THE FOREST BUFFER EASEMENT OR OTHER FOREST RETENTION AREA, EXCEPT AS PERMITTED BY THE BALTIMORE COUNTY DEPARTMENT OF ENVIRONMENTAL PROTECTION AND SUSTAINABILITY.

RECEIVING WATERS: GWYNNS FALLS. USE IV WATERS. STREAM CLOSURE DATES: MARCH 1 THROUGH MAY 31 INCLUSIVE. NO WORK IS ALLOWED IN THE STREAM CHANNEL DURING THE STREAM CLOSURE PERIOD.

NOTE:
REMOVE ALL EXCESS MATERIALS FROM SITE AND DEPOSE OF AT A SITE WITH AN OPEN GRADING PERMIT AND AN APPROVED SEDIMENT CONTROL PLAN.

NOTE:
CONTRACTOR TO ENSURE THAT ALL CONSTRUCTION TRAFFIC MUST HAVE TIRES CLEANED PRIOR TO LEAVING CONSTRUCTION SITE.

TRAP/BASIN FLOW DIVERSION NOTE:
TO PREVENT SOIL EROSION, WITHIN SEDIMENT TRAPPING DEVICES, APPROPRIATELY SIZED AND STABILIZED FLOW DIVERSION MEASURES (I.E. EARTH DIKE, TEMP SHALLOW PERIMETER DIKE/WALL, SUPER FENCE DIVERSION, ETC.) SHALL BE INSTALLED AT THE UPSLOPE EXTENT OF TRAP, AND BASIN STORAGE AREAS TO DIVERT ALL FLOWS TO APPROPRIATE INFLOW PROTECTION DEVICES. THESE MEASURES WILL BE LOCATED BY THE CONTRACTOR AND THEREFORE NOT SHOWN ON THE PLAN VIEW.

PROTECTIVE COVENANTS NOTE:
ANY FOREST BUFFER EASEMENT SHOWN HEREON IS SUBJECT TO PROTECTIVE COVENANTS WHICH MAY BE FOUND IN THE LAND RECORDS OF BALTIMORE COUNTY AND WHICH RESTRICT DISTURBANCE AND USE OF THESE AREAS.

REQUIRED EPS NOTE:

PROTECTIVE FENCE (ORANGE HIGH VISIBILITY FENCE) SHALL BE MANUALLY INSTALLED ALONG THE LIMIT OF DISTURBANCE, WHERE THE LIMIT IS WITHIN 50 FEET OF THE FOREST BUFFER CONSERVATION EASEMENT. THIS SHALL BE COMPLETED AND THE LOCATION OF THE FENCE APPROVED BY BALTIMORE COUNTY DEPARTMENT OF ENVIRONMENTAL PROTECTION AND SUSTAINABILITY PRIOR TO ANY PERMIT APPROVAL OR AT THE TIME OF PRECONSTRUCTION MEETING. IF ANY PROBLEM AREAS REGARDING THE FENCE LOCATION, UNNECESSARY EQUIPMENT CLEARINGS, ETC., NO PERMIT SHALL BE ISSUED UNTIL THE REQUIRED CORRECTIONS ARE COMPLETED TO THE SATISFACTION OF BALTIMORE COUNTY EPS.

MAINTENANCE NOTE:
SUPER SILT FENCE AND SILT FENCE SHALL BE INSPECTED FOR STRESS AND MAINTAINED AFTER EACH STORM EVENT. MAINTENANCE INCLUDES, BUT IS NOT LIMITED TO, REMOVAL OF ALL ACCUMULATED SEDIMENT, SEPTICILE FABRIC SHALL BE REPLACED AS NEEDED TO ENSURE PROPER FUNCTION.

STANDARD NON-DISTURBANCE NOTE:

THERE SHALL BE NO CLEARING, GRADING, CONSTRUCTION OR DISTURBANCE OF VEGETATION IN THE FOREST BUFFER EASEMENTS EXCEPT AS PERMITTED BY THE BALTIMORE COUNTY DEPARTMENT OF ENVIRONMENTAL PROTECTION AND SUSTAINABILITY.

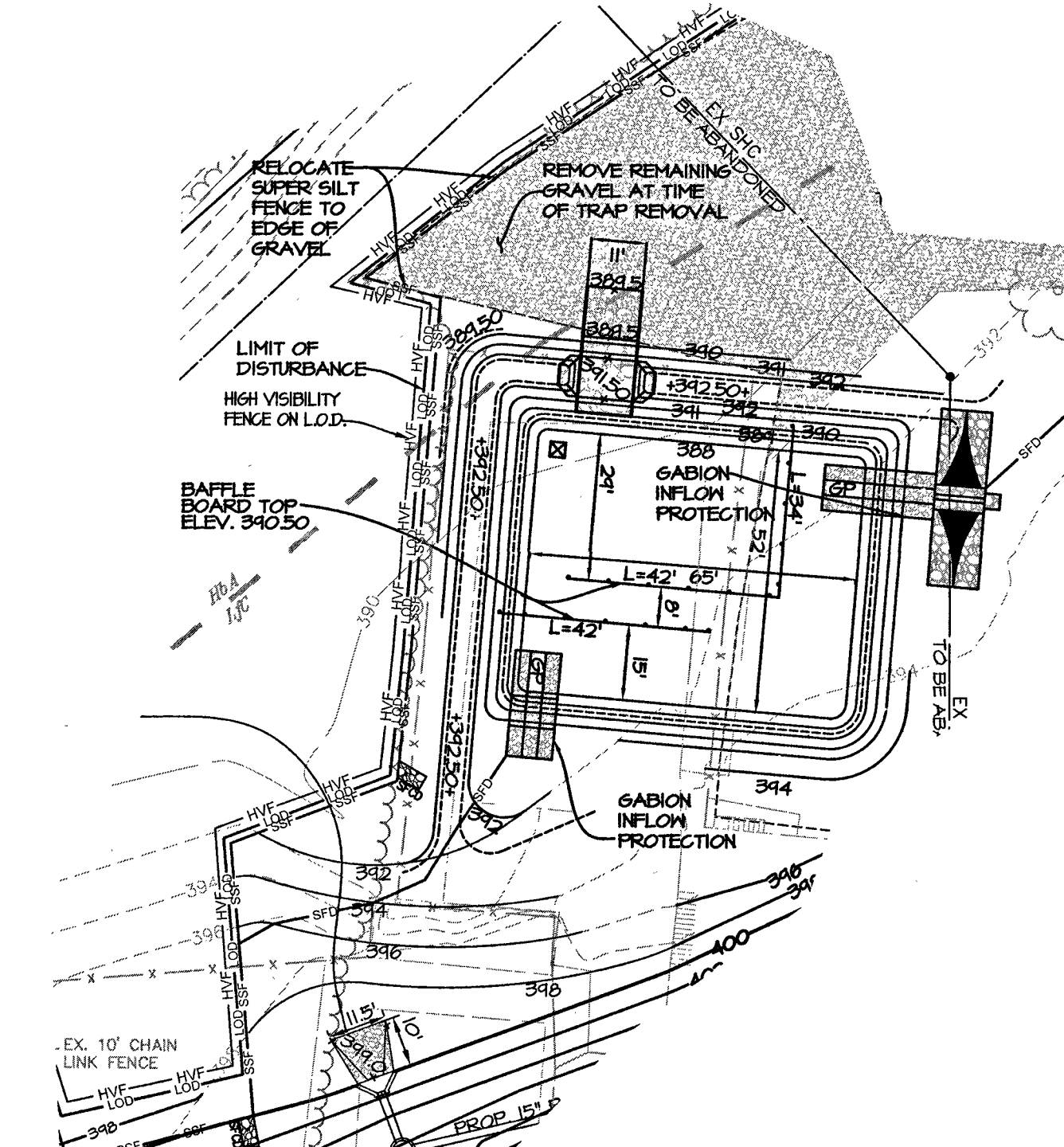
NOTE:
IF REQUIRED BY THE SEDIMENT CONTROL INSPECTOR, FENCING SHALL BE INSTALLED TO PREVENT ACCESS TO THE BASIN/TRAP BY CHILDREN.

NOTE:
ALL EXISTING IMPROVED STRUCTURES AND FENCES WITHIN LOD SHALL BE REMOVED BY DEVELOPER. ALL DISTURBED AREAS, INCLUDING OFF-SITE AREAS, UNLESS INTENDED FOR BUILDINGS OR PAVING, SHALL BE FLOODED AS FOLLOWS:
WITHIN FOREST BUFFER, OUTSIDE OF FLOOD PLAIN, PER FOREST BUFFER PLANTING NOTES, THIS SHEET.
WITHIN FLOOD PLAIN, PER FLOOD PLAIN PLANTING NOTES, THIS SHEET.
OUTSIDE FLOOD PLAIN & FOREST BUFFER, PER STANDARDS AND SPECIFICATIONS FOR VEGETATIVE STABILIZATION DRAWING SED-3.

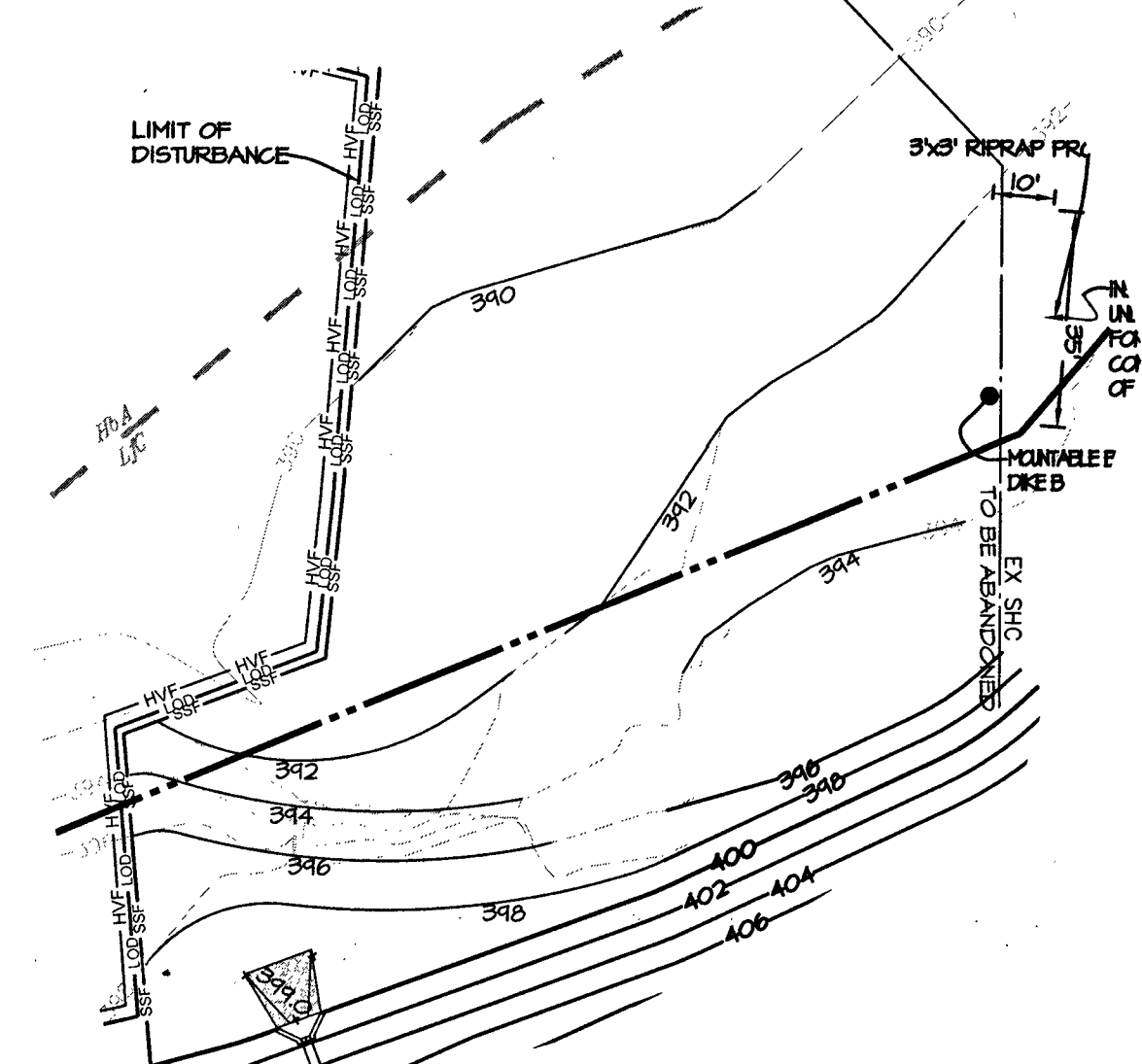
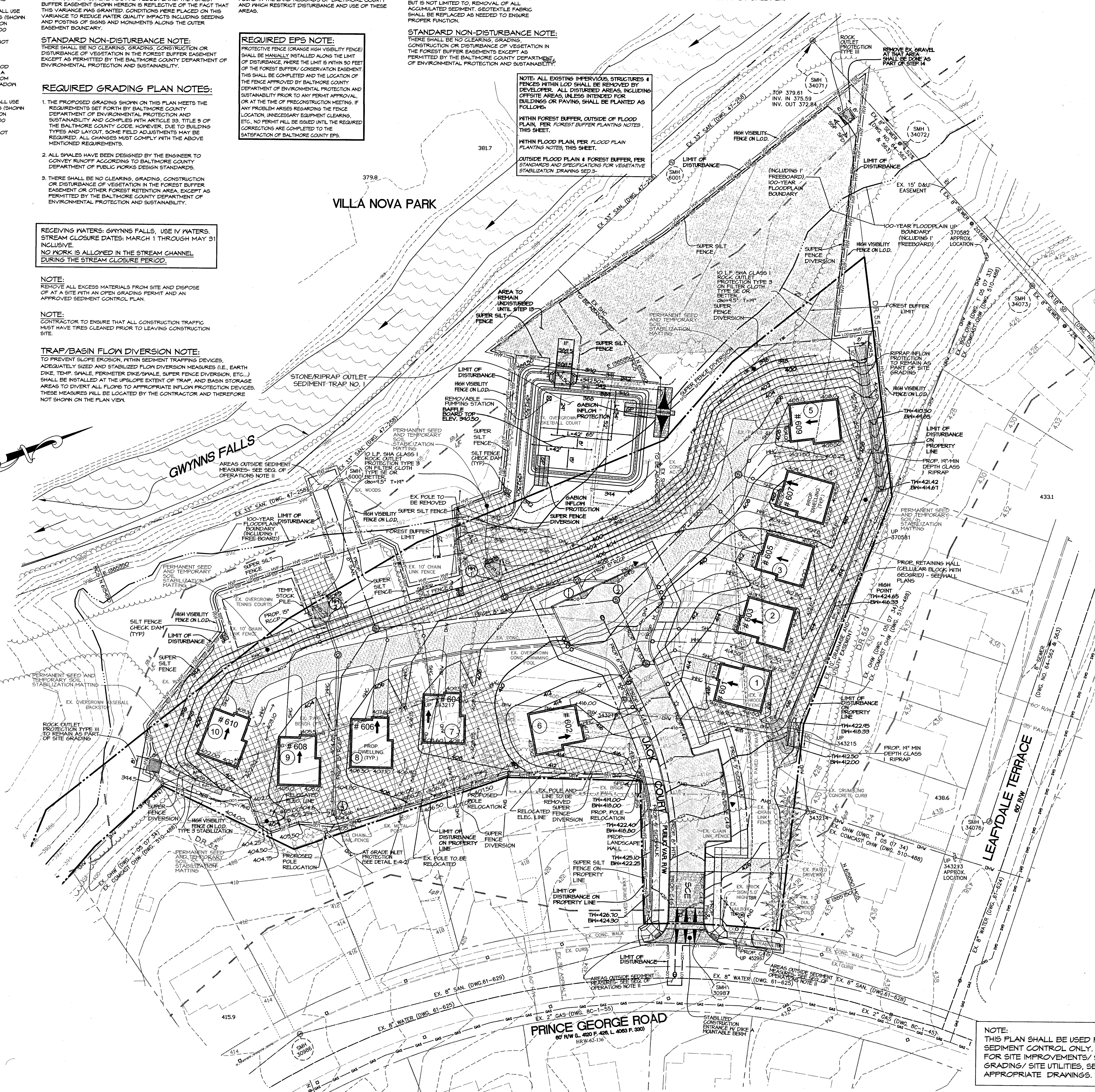
VILLA NOVA PARK

STONE/RIPRAP OUTLET SEDIMENT TRAP NO. 1

GWYNNS FALLS



SUPER SILT FENCE LOCATION AT TIME OF TRAP REMOVAL
1"=30'



TRAP #1 AREA ULTIMATE GRADING
SCALE: 1"=30'

SEQUENCE OF OPERATIONS

1. AS ROUGH GRADE SITE AND INSTALL RETAINING WALL.
2. CONCURRENT WITH STEP 1, INSTALL THE WATER SYSTEM AND SEWER SYSTEM.
3. BEGIN INSTALLATION OF STORM DRAIN SYSTEM. INSTALL HH-1, HH-2 AND ROCK OUTLET PROTECTIONS. INSTALL PERMANENT SEED AND TEMPORARY SOIL STABILIZATION MATTING BELOW HH-1 AND HH-2 AS SHOWN ON PLAN. INSTALL STORM DRAIN SYSTEM FROM HH-1 UP TO H-1 AND H-2 AND FROM HH-2 UP TO H-3. INSTALL INLET PROTECTION ON H-3.
4. AS ROUGH GRADE ARE REACHED, FINE GRADE HOUSE FOOTPRINTS. INSTALL STONE BASE COURSE IN PAVEMENT AREA AND BUILDING FOOTPRINT TO PROVIDE A STABLE BASE FOR HOUSE CONSTRUCTION. HOUSE CONSTRUCTION MAY BEGIN AT THIS TIME. INSTALL CURB AND GUTTER. INSTALL BASE COURSE ASPHALT PAVING.
5. ON AREAS OUTSIDE SEDIMENT CONTROL MEASURES, CONTRACTOR SHALL ONLY DISTURB THAT AREA WHICH CAN BE COMPLETED AND STABILIZED BY THE END OF EACH WORKING DAY. STABILIZATION SHALL BE AS FOLLOWS:
 - 1) FOR AREAS TO BE PAVED, THE APPLICATION OF STONE BASE.
 - 2) FOR AREAS TO BE VEGETATIVELY STABILIZED, A) PERMANENT SEED AND SOIL STABILIZATION MATTING OR SOD FOR ALL STEEP SLOPES, CHANNELS OR SWALES. B) PERMANENT SEED AND MULCH FOR ALL OTHER AREAS.
6. FOR AREAS OUTSIDE SEDIMENT CONTROL MEASURES INCLUDING PROPOSED UTILITY CONSTRUCTION, ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE UTILITY NOTE FOUND ON SHEET 3 (SED-3).
7. ANY AREAS WHICH CANNOT BE STABILIZED BY THE END OF EACH WORKING DAY MUST HAVE SUPER SILT FENCE INSTALLED ON THE DOWNSLOPE SIDE.
8. EXCAVATIONS IN EXISTING ROADS SHALL BE PLACED AT THE END OF EACH WORK DAY AND STABILIZED "AHEAD" WARNINGS SIGNS, DISPLAYED IN ADVANCE. PERMANENTLY STABILIZE ALL AREAS. PERMANENT SEED AND SOIL STABILIZATION MATTING WHERE SHOWN.
9. TEMPORARILY DISTURBED PORTIONS OF THE FLOODPLAIN AND FOREST BUFFER SHALL BE SEEDED AND MULCHED IN ACCORDANCE WITH THE FOREST BUFFER AND FLOODPLAIN PLANTING MIX NOTES ON SHEETS 1 & 2.
10. FINISH PAVING ALL REMAINING AREAS.
11. UPON STABILIZATION OF THE WHOLE SITE WITH ESTABLISHED VEGETATION AND WITH PERMISSION OF THE SEDIMENT CONTROL INSPECTOR, RELOCATE SSF AS SHOWN ON "SUPER SILT FENCE LOCATION AT TIME OF TRAP REMOVAL" INSET THIS SHEET. DEWATER SEDIMENT TRAP USING R.P.S. FINAL GROUND SHALL BE TAKEN TO A SITE WITH AN OPEN GRADING PERMIT AND AN APPROVED SEDIMENT CONTROL PLAN. REMOVE INFLOW PROTECTION. REGRADE TRAP AREA AS SHOWN ON TRAP-1 AREA ULTIMATE GRADING INSET THIS SHEET (SED-2). REMOVE REMAINS OF EXISTING GRAVEL AT THE AREA BELOW THE TRAP.
12. REMOVE ALL SEDIMENT CONTROL MEASURES. STABILIZE AREAS DISTURBED BY SEDIMENT CONTROL. REGRADE. REMOVE REMAINING GRAVEL. RELOCATE NORTHERN CORNER AND STABILIZE PER DAILY STABILIZATION CRITERIA NOTED IN STEP #11.
13. INSTALL LANDSCAPING.

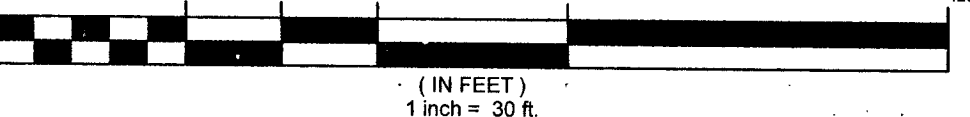
BALTIMORE COUNTY SOIL CONSERVATION DISTRICT
APPROVED FOR SEDIMENT CONTROL
[Signature] 7-9-18
DATE

Disturbed Area - 145,169 SF. OR ±3.33 AC.

PAI #03-0478

SEDIMENT CONTROL PLAN FINAL CONDITION
PRINCE GEORGES CLOSE

A SUBDIVISION OF 7433 PRINCE GEORGE ROAD
3rd ELECTION DISTRICT 2nd COUNCILMANIC DISTRICT
BALTIMORE COUNTY, MD.
GRAPHIC SCALE



Colbert Matz Rosenfelt

Engineers * Surveyors * Planners
2835 Smith Avenue, Suite G
Baltimore, Maryland 21209
Telephone: (410) 653-3838
Facsimile: (410) 653-7953

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. 13293 Expiration Date: 11-02-2018

NO.	DATE	REVISIONS	BY	SHEET	OF
1	10/31/17	PER BALTO CO SCD COMMENTS	SR	DRAWN	SR/KCK
2	5/7/18	PER BALTO CO SCD COMMENTS	KCK	CHECKED	SRM
3	6/7/18	PER BALTO CO SCD COMMENTS	KCK	DRAWING	NUMBER
4	6/28/18	PER BALTO CO SCD COMMENTS	KCK		

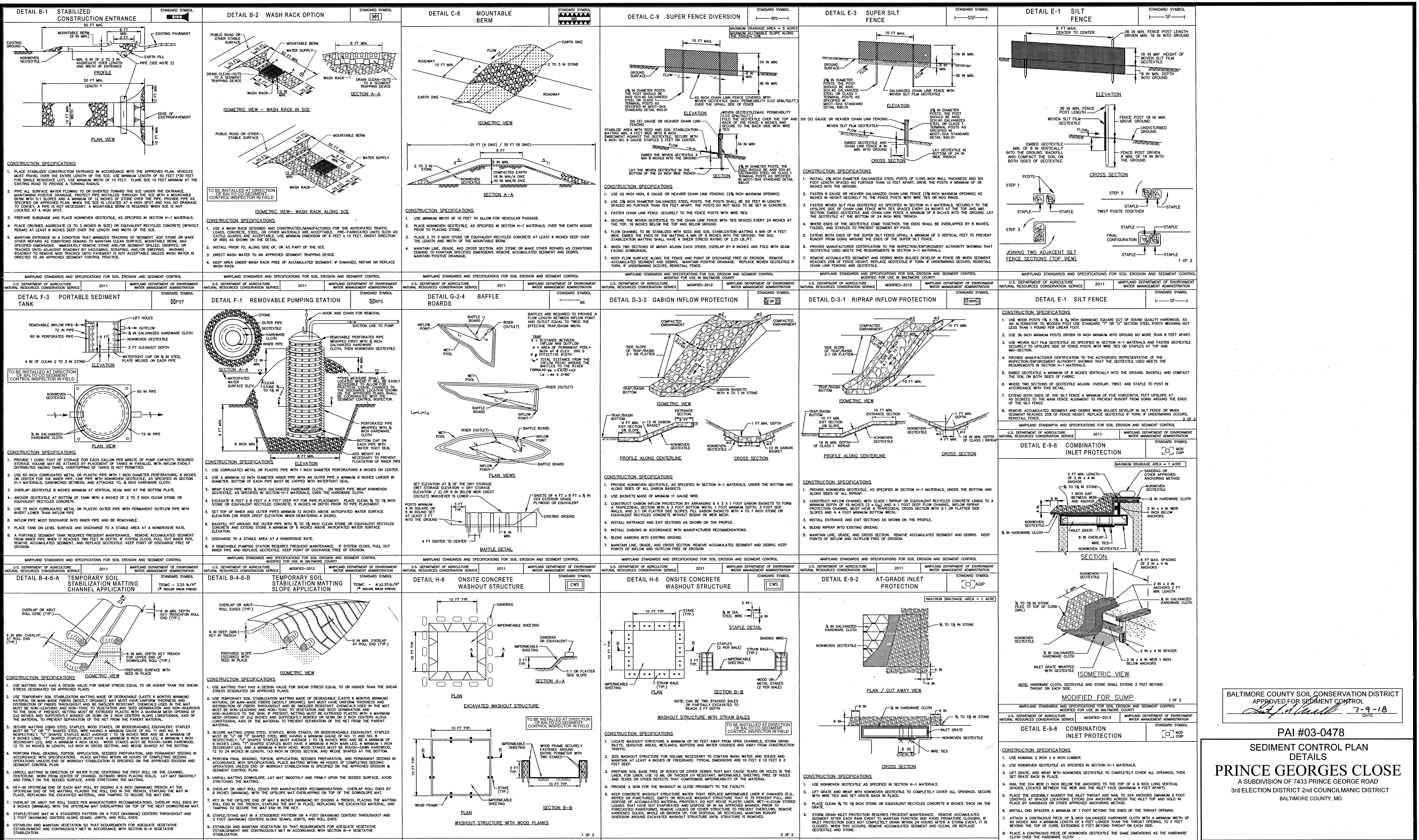
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Professional Engineer
I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland. License No. 13293 Expiration Date: 11-02-2018

EROSION AND SEDIMENT CONTROL SHALL BE STRICTLY ENFORCED.

NO DISTURBED AREA SHALL BE LEFT UNSTABILIZED OVERNIGHT UNLESS THE RUNOFF IS DIRECTED TO AN MADE APPROVED SEDIMENT CONTROL DEVICE.

FINAL CONDITION
1"=30'



BALTIMORE COUNTY SOIL CONSERVATION DISTRICT
 APPROVED FOR SEDIMENT CONTROL
 [Signature]
 7-9-18
 DATE

PAI #03-0478

**SEDIMENT CONTROL PLAN
 DETAILS
 PRINCE GEORGES CLOSE**
 A SUBDIVISION OF 7433 PRINCE GEORGE ROAD
 3rd ELECTION DISTRICT 2nd COUNCILMANIC DISTRICT
 BALTIMORE COUNTY, MD.

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Professional Certification
 I 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. 12333. Expiration Date: 11-22-2018

1	10/31/17	PER BAL TO CD COMMENTS	K/K	DESIGNED: SR
2	07/19	ADD IP DETAIL PER BAL TO COMMENTS	K/K	DRAWN: SRAKOC
3	07/18	ADD A3IP & COP DETAILS PER COMMENTS	K/K	CHECKED: RM
4	02/18	PER BAL TO CD COMMENTS	K/K	DRAWING NUMBER: SED-4