

SHEET INDEX table with columns SHEET NO. and DESCRIPTION. Rows include 1 TITLE SHEET, 2 SITE DEVELOPMENT PLAN, 3 SEDIMENT EROSION CONTROL NOTES AND DETAILS.

SITE DEVELOPMENT PLAN HARWOOD PARK OVERLOOK

LOT 1

ZONING: R-12 (RESIDENTIAL: SINGLE DISTRICT) TAX MAP No. 38 GRID No. 13 PARCEL Nos. 873 FIRST ELECTION DISTRICT HOWARD COUNTY, MARYLAND

SOILS LEGEND table with columns SOIL, NAME, CLASS, and K-VALUE. Rows include Ucb Urban land-Chillum-Belleville complex, 0 to 5 percent slopes and OrF Sassafras and Croom loam.

GENERAL NOTES

- 1. THE SUBJECT PROPERTY IS ZONED R-12 (PER 10/06/13 COMPREHENSIVE ZONING PLAN.) BOUNDARY IS BASED ON A FIELD RUN SURVEY PERFORMED BY FISHER, COLLINS & CARTER ON OR ABOUT SEPTEMBER, 2021. 2. CONTOURS ARE BASED ON A TOPOGRAPHIC FIELD RUN SURVEY PERFORMED BY FISHER, COLLINS AND CARTER, ON OR ABOUT JUNE, 2021. 3. COORDINATES BASED ON NAD'83 MARYLAND COORDINATE SYSTEM AS PROJECTED BY HOWARD COUNTY GEODETIC CONTROL. STATIONS NO. 3806 AND NO. 3808: HOWARD COUNTY MONUMENT NO. 3806 N 577,155.424 E 1,384,992.312 ELEV. 174.547 HOWARD COUNTY MONUMENT NO. 3808 N 558,427.202 E 1,386,582.476 ELEV. 192.132 4. STORM WATER MANAGEMENT IS IN ACCORDANCE WITH THE M.D.E. STORM WATER DESIGN MANUAL, VOLUMES 1 & II, REVISED 2009. THIS PLAN PROPOSES THE USE OF ONE (1) M-6 MICRO-BIORETENTION FACILITY AND ONE (1) PERMEABLE PAVEMENT. 5. THIS PROPERTY IS LOCATED WITHIN THE METROPOLITAN DISTRICT. PUBLIC WATER AND SEWER WILL BE UTILIZED FOR THIS PROJECT. THIS SITE WILL BE SERVED BY PUBLIC WATER CONTRACT NO. 44-1019-D AND PUBLIC SEWER CONTRACT NO. 44-3138-D. 6. ANY DAMAGE TO THE COUNTY'S RIGHT-OF-WAY SHALL BE CORRECTED AT THE CONTRACTOR'S EXPENSE. 7. A PRE-SUBDIVISION COMMUNITY MEETING IS NOT REQUIRED FOR THIS PROJECT. 8. THIS PROJECT IS EXEMPT FROM LANDSCAPE REQUIREMENTS OF SECTION 16.1224 BECAUSE DEVELOPMENT IS INTERNAL TO THE HARWOOD PARK DEVELOPMENT AND IS A RESUBDIVISION THAT DOES NOT CREATE A NEW LOT. 9. THIS PROJECT IS EXEMPT FROM FC BECAUSE IT IS DEVELOPMENT LESS THAN 40,000 SF PER SECTION 16.1202(A). 10. SOIL BOKING HAS BEEN PROVIDED FOR THE PROPOSED MICRO-BIORETENTION FACILITY, AND IS REFLECTED IN THE DESIGN. 11. AN ALTERNATIVE COMPLIANCE FOR FEE-IN-LIEU OF FRONTAGE IMPROVEMENTS WAS SUBMITTED AND DEEMED UNNECESSARY BY DPZ ON 6/21/2022 AS EUCLID AVE IS A PRIVATE PAPER STREET. 12. ALL AREAS ARE MORE OR LESS (+/-). 13. DISTANCES SHOWN ARE BASED ON SURFACE MEASUREMENT AND NOT REDUCED TO NAD '83 GRID MEASUREMENT. 14. DRIVEWAYS SHALL BE PROVIDED PRIOR TO ISSUANCE OF A USE AND OCCUPANCY PERMIT FOR ANY NEW DWELLINGS TO ENSURE SAFE ACCESS FOR FIRE AND EMERGENCY VEHICLES PER THE FOLLOWING (MINIMUM) REQUIREMENTS: A). WIDTH - 12 FEET (16 FEET SERVING MORE THAN ONE RESIDENCE); B). SURFACE - SIX (6") INCHES OF COMPACTED CRUSHER RUN BASE WITH TAR AND CHIP COATING. (1" - 1 1/2" MINIMUM); C). GEOMETRY - MAXIMUM 15% GRADE, MAXIMUM 10% GRADE CHANGE AND 45-FOOT TURNING RADIUS; D). STRUCTURES (CULVERTS/BRIDGES) - CAPABLE OF SUPPORTING 25 GROSS TONS (H25-LOADING); E). DRAINAGE ELEMENTS - CAPABLE OF SAFELY PASSING 100 YEAR FLOOD WITH NO MORE THAN 1 FOOT DEPTH OVER SURFACE; F). STRUCTURE CLEARANCE - MINIMUM 12 FEET; G). MAINTENANCE - SUFFICIENT TO ENSURE ALL WEATHER USE. 15. NO CEMETERIES EXIST ON THE SUBJECT PROPERTY BASED ON VISUAL OBSERVATION OR LISTED IN AVAILABLE HOWARD COUNTY CEMETERY INVENTORY MAP. 16. NO DWELLINGS OR HISTORIC STRUCTURES EXIST ON PARCEL 873 HARWOOD PARK OVERLOOK LOT 1. 17. THERE ARE NO FOREST STANDS, WETLANDS, WETLAND BUFFER, STREAM, STREAM BUFFER, STEEP SLOPES AND FLOODPLAIN EXISTING ON-SITE. 18. SITE IS NOT ADJACENT TO A SCENIC ROAD. 19. IN ACCORDANCE WITH SECTION 128 (D)(A)(1)(E) OF THE HOWARD COUNTY ZONING REGULATIONS, BAY WINDOWS, CHIMNEYS OR EXTERIOR STAIRWAYS NOT MORE THAN 16 FEET IN WIDTH MAY PROJECT NOT MORE THAN 4 FEET INTO ANY SETBACKS, PORCHES OR DECKS, OPEN OR ENCLOSED MAY PROJECT NOT MORE THAN 10 FEET INTO THE FRONT OR REAR YARD SETBACK. 20. THE CONTRACTOR SHALL NOTIFY THE FOLLOWING UTILITY COMPANIES OR AGENCIES AT LEAST FIVE (5) WORKING DAYS BEFORE STARTING WORK SHOWN ON THESE PLANS: STATE HIGHWAY ADMINISTRATION 410.531.5533 BGE(CONTRACTOR SERVICES) 410.250.4882 BGE(UNDERGROUND DAMAGE CONTROL) 410.787.9068 MISS UTILITY 1.800.257.7777 COLONIAL PIPELINE COMPANY 410.795.1590 HOWARD COUNTY DEPT. OF PUBLIC WORKS, BUREAU OF UTILITIES 410.313.4900 HOWARD COUNTY HEALTH DEPARTMENT 410.313.2640 AT&T 1.800.252.1133 VERIZON 1.800.743.0033/410.224.9210 21. ANY DAMAGE TO PUBLIC RIGHT-OF-WAYS, PAVING OR EXISTING UTILITIES WILL BE CORRECTED AT THE CONTRACTOR'S EXPENSE. 22. REFUSE COLLECTION, SNOW REMOVAL AND ROAD MAINTENANCE ARE PROVIDED AT THE JUNCTION OF THE PUBLIC ROAD RIGHT-OF-WAY AND NOT ONTO THE PRIVATE DRIVEWAY. 23. THERE IS NO HILLUM (INDUSTRY INCOME HOUSING UNIT) REQUIREMENT FOR THIS SITE AS IT IS AN EXISTING LOT AND NOT CREATED THROUGH THE SUBDIVISION PROCESS. 24. THIS PLAN IS SUBJECT TO THE AMENDED FIFTH EDITION OF THE SUBDIVISION AND LAND DEVELOPMENT REGULATIONS (CB 45-2003) AND 2013 COMPREHENSIVE ZONING PLAN (EFFECTIVE 10/6/2013). DEVELOPMENT OR CONSTRUCTION OF THESE LOTS MUST COMPLY WITH THE SETBACK AND BUFFER REGULATIONS IN EFFECT AT THE TIME OF THE SUBMISSION OF THE SITE DEVELOPMENT PLAN, WAIVER PETITION, OR BUILDING/GRADING PERMIT. 25. THE PROJECT REQUIRES APPROVAL FROM THE MARYLAND AVIATION ADMINISTRATION. THE MAA APPROVAL APPLICATION HAS BEEN SUBMITTED AND IS PENDING. 26. THIS PROPERTY IS SUBJECT TO PRIOR DPZ FILE NO. ECP-22-027. 27. THIS DOCUMENT IS REFLECTIVE OF ORIGINALS ONLY CONSOLIDATION PLAT CALLED HARWOOD PARK OVERLOOK LOT 1 SUBMITTED JUNE 7, 2022, AND AUTHORIZATION LETTER RECEIVED WITH COMMENTS JUNE 21, 2022. THE REVISED PLAT (28155) HAS NOW BEEN RECORDED.

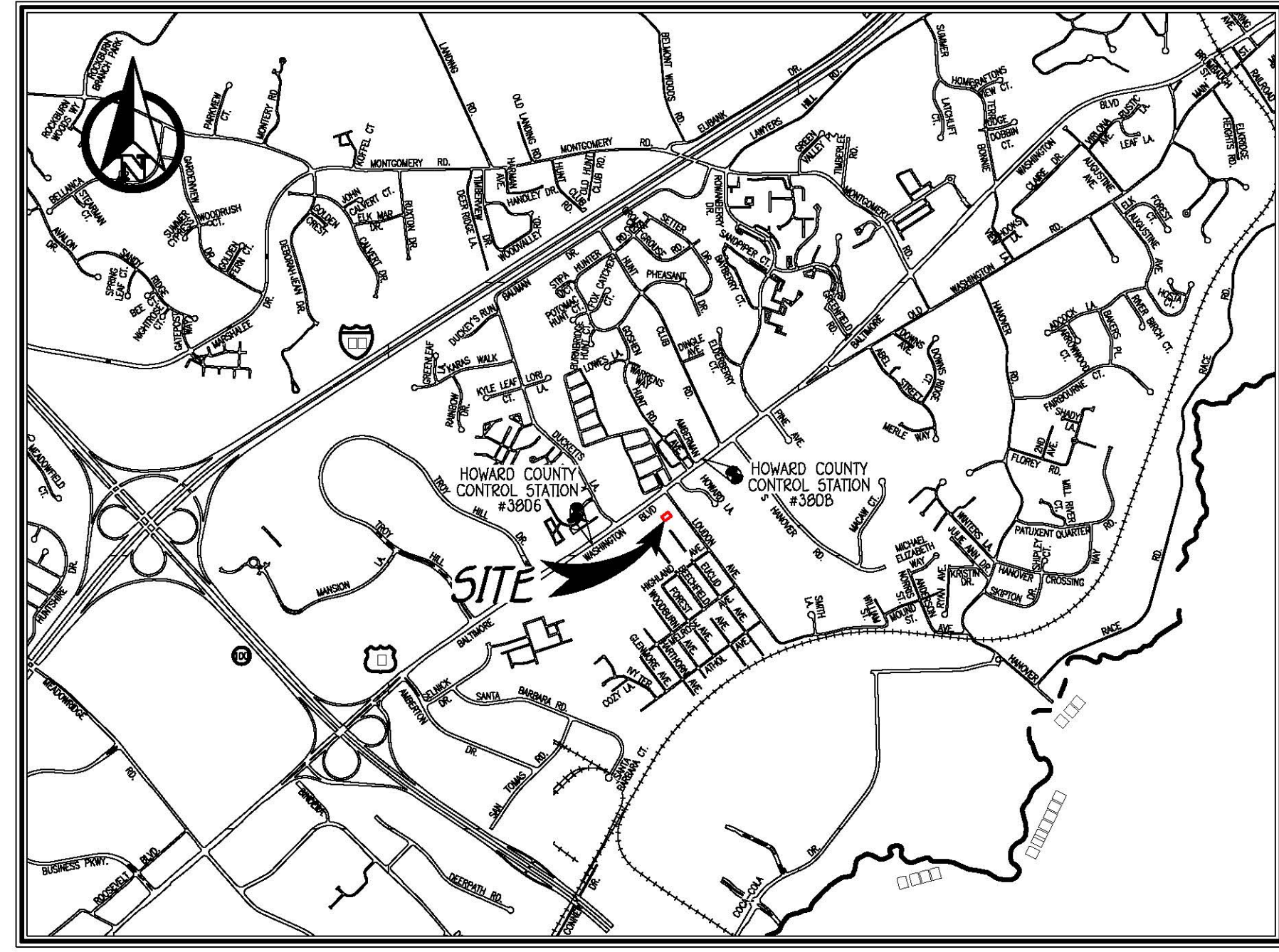
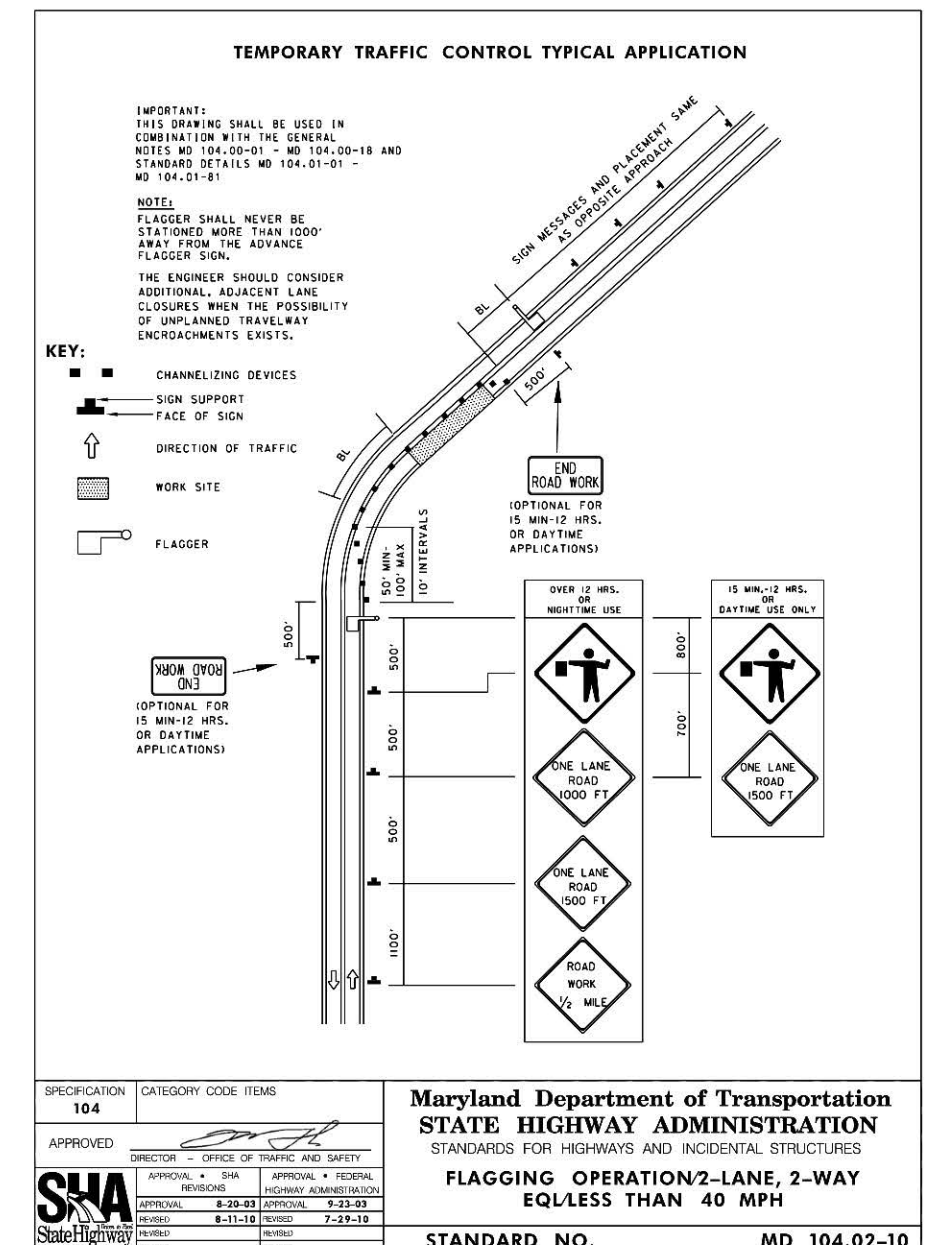
STORMWATER MANAGEMENT SUMMARY table with columns AREA ID, ESDV PROVIDED CU.FT., ESDV REQUIRED CU.FT., and REMARKS. Rows include ROOF (1,600 SqFt.), DRIVEWAY (886 SqFt.), and TOTAL SITE.

SWM NARRATIVE

INTRODUCTION: THIS REPORT WILL DEMONSTRATE HOW THE CRITERIA SET FORTH IN THE MARYLAND STORMWATER DESIGN MANUAL, VOLUMES I AND II (EFFECTIVE OCTOBER 2009, REVISED MAY 2009) WILL BE SATISFIED ON THIS PROJECT. THE GOAL OF CREATING HYDROLOGY SIMILAR TO THAT OF WOODS IN GOOD CONDITION WILL BE ACCOMPLISHED THROUGH THE USE OF THE PRACTICES CONTAINED WITHIN CHAPTER 5 OF SAID MANUAL.

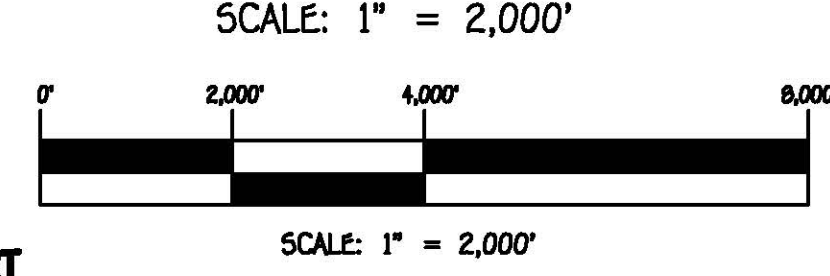
GENERAL SITE CONDITIONS: EUCLID PROPERTY IS A SINGLE LOT AND LOCATED ON TAX MAP 38, GRID 13, PARCEL 873, LOT 1 OF THE HOWARD COUNTY, MARYLAND TAX MAP DATABASE SYSTEM. THIS PROPERTY IS ZONED R-12 AND WILL UTILIZE PROPOSED PUBLIC WATER AND SEWER EXTENSIONS. THE PROPERTY IS LOCATED IN THE ELKBRIDGE AREA OF HOWARD COUNTY, DRAINS TO A TRIBUTARY TO PATAPSCO RIVER, AND IN THE WATERSHED OF THE PATAPSCO RIVER (021309). WATER RUNOFF FLOWS FROM THE NORTH TO SOUTH. THIS PROPERTY IS RECTANGULAR IN SHAPE. NO FOREST EXISTS ON-SITE. THE WEB SOIL SURVEY SHOWS SOILS ON THE SITE CONSIST OF URBAN LAND-CHILLUM-BELLEVILLE (Ucb), TYPE "B/C" SOILS. THE RUNOFF FROM THE ROOF OF THE PROPOSED HOUSE IS TO BE TREATED BY MICRO-BIORETENTION (M-6) AND RUNOFF FROM THE DRIVEWAY WILL BE TREATED BY PERMEABLE PAVEMENT (A-2).

- I. NATURAL RESOURCE PROTECTION: ENVIRONMENTALLY SENSITIVE AREAS DO NOT EXIST ON-SITE. II. MAINTENANCE OF NATURAL FLOW PATTERNS: IT IS THE INTENT OF THE PROPOSED DESIGN TO DISCHARGE RUNOFF SIMILAR TO THE CHARACTERISTICS AND DIRECTION OF THIS SITE PRIOR TO ANY OF THE PROPOSED IMPROVEMENTS. III. REDUCTION OF IMPERVIOUS AREAS THROUGH BETTER SITE DESIGN, ALTERNATIVE SURFACES AND NONSTRUCTURAL PRACTICES: THE DESIGN OF THIS PROJECT UTILIZES ONE INDIVIDUAL DRIVEWAY FOR THE PROPOSED SINGLE FAMILY DETACHED HOUSE. NON-STRUCTURAL PRACTICES AS PERMITTED IN CHAPTER 5, MICRO-BIORETENTION (M-6) AND PERMEABLE PAVEMENT (A-2) WILL BE USED. IV. INTEGRATION OF EROSION AND SEDIMENT CONTROLS INTO STORMWATER STRATEGY: SEDIMENT TRAPS WILL NOT BE NEEDED DUE TO THE LIMITED DRAINAGE AREA. SILT FENCE AND SUPER SILT FENCE WILL BE USED. NO OFF-SITE DRAINAGE EASEMENTS WILL BE REQUIRED. V. IMPLEMENTATION OF ESD PLANNING TECHNIQUES AND PRACTICES TO THE MAXIMUM EXTENT PRACTICABLE (MEP): IN ACCORDANCE WITH THE CHAPTER 5 ESD DEVICES THE FOLLOWING ARE BEING PROVIDED: M-2 PERMEABLE PAVING IS BEING PROVIDED ALONG WITH AN M-6 MICRO BIO-RETENTION FACILITY THE FULL REQUIRED ESD VOLUME IS BEING PROVIDED. VI. REQUEST FOR DESIGN MANUAL WAIVER: NO WAIVERS WILL BE REQUIRED.



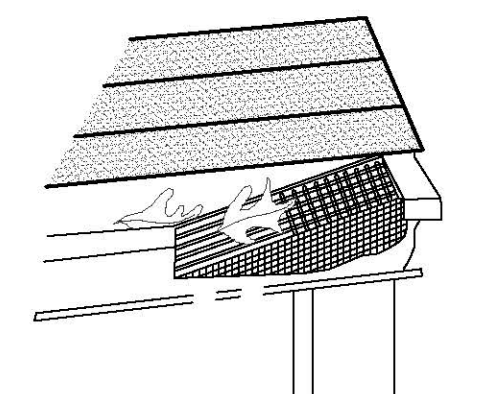
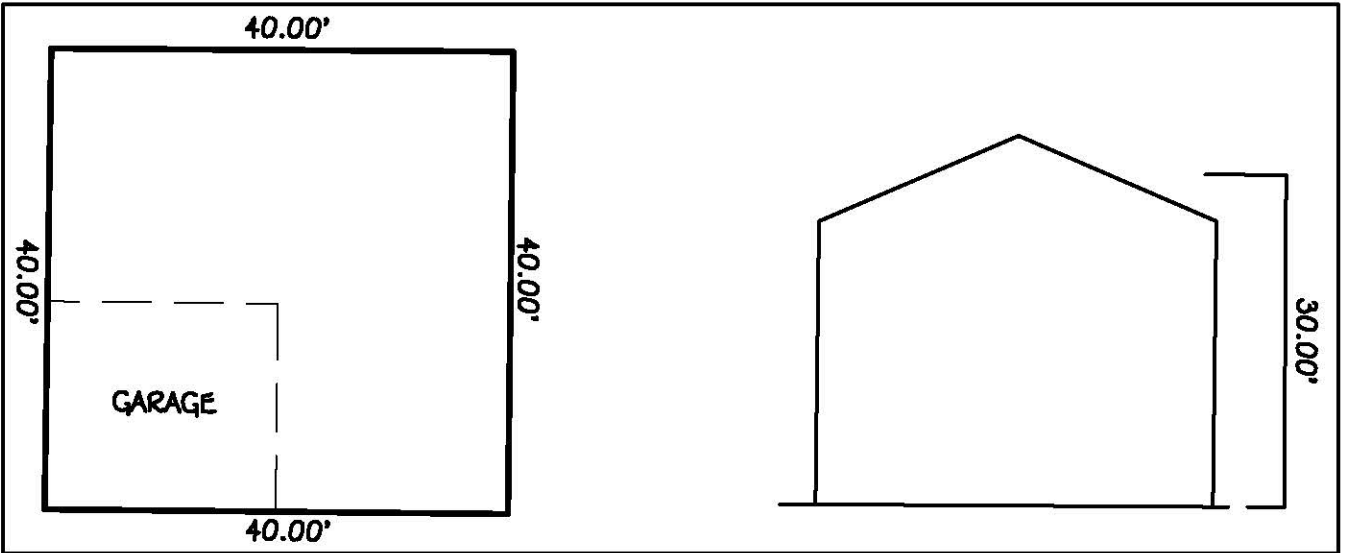
HOWARD COUNTY GEODETIC SURVEY CONTROL NO. 3806 N 557,155.424 E 1,384,992.312 ELEVATION: 174.547 HOWARD COUNTY GEODETIC SURVEY CONTROL NO. 3808 N 558,427.202 E 1,386,582.476 ELEVATION: 192.132 REFER TO HOWARD CO. ADC MAP 35 C4

VICINITY MAP



SITE ANALYSIS DATA CHART

- A. TOTAL AREA OF THIS SUBMISSION: 10,500 Sq.Ft. (0.241 Ac.) B. LIMIT OF DISTURBED AREA = 9,740 Sq.Ft. (0.22 Ac.) C. PRESENT ZONING DESIGNATION = R-12 D. PROPOSED USE: SINGLE FAMILY DETACHED HOUSING E. NET TRACT AREA = 0.207 AC. F. BUILDING COVERED OF SITE: 1,600 Sq.Ft. (0.037 Ac.) OR 17.7% G. PREVIOUS HOWARD COUNTY FILES: ECP-22-027, F-23-003, AND PLAT 28155 H. TOTAL AREA OF FLOODPLAIN LOCATED ON SITE 0.0 AC. I. TOTAL AREA OF SLOPES IN EXCESS OF 15% = 0.0 AC. J. TOTAL AREA OF WETLANDS (INCLUDING BUFFER) LOCATED ON SITE = 0.0 AC. K. TOTAL FOREST 0.0 AC. L. TOTAL GREEN SPACE = 6,600 SF = 0.152 Ac.* M. TOTAL IMPERVIOUS AREA = 2,825 sq.ft. (0.06 Ac.)* N. AREA OF EROSION SOLES = 0.0 AC. O. PARKING SPACES REQUIRED = 2.5 P. PARKING SPACES PROVIDED = 4.0



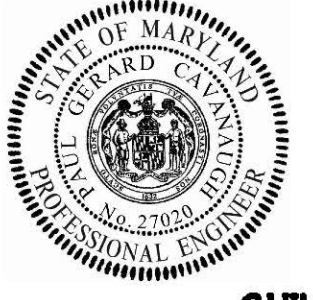
GUTTER DRAIN FILTER DETAIL NOT TO SCALE

STORMWATER MANAGEMENT NOTES

- 1. STORMWATER MANAGEMENT IS PROVIDED IN ACCORDANCE WITH CHAPTER 5, "ENVIRONMENTAL SITE DESIGN" OF THE 2007 MARYLAND STORMWATER MANAGEMENT DESIGN MANUAL, EFFECTIVE MAY 4, 2010. 2. MAXIMUM CONTRIBUTING ROOF TOP AREA TO EACH DOWNSPOUT SHALL BE 500 SQ. FT. OR LESS. 3. MICRO-BIORETENTION AND PERMEABLE PAVEMENT SHALL BE CONSTRUCTED AS SHOWN ON THE PLANS AND IN ACCORDANCE WITH THIS DETAIL SHOWN ON THIS SHEET. 4. FINAL GRADING IS SHOWN ON THIS SITE DEVELOPMENT PLAN.

Approval table with columns for Department of Planning and Zoning, Director, Chief Development Engineering Division, and Chief Division of Land-Development, including dates and signatures.

Revision table with columns NO., REVISION, DATE, and X.



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. 27020, EXPIRATION DATE: 01/25/24. Paul G. Cavanaugh 11/3/2022 PAUL G. CAVANAUGH DATE BUILDER/DEVELOPER'S CERTIFICATE: I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN, FOR SEDIMENT AND EROSION CONTROL AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT. Suminder Singh 11/3/2022 SIGNATURE OF DEVELOPER DATE

HOWARD SOIL CONSERVATION CERTIFICATE: THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT. Alexander Bratovic 11/29/2022 HOWARD SOIL CONSERVATION DISTRICT DATE DESIGN CERTIFICATION: I HEREBY CERTIFY THAT THIS PLAN HAS BEEN DESIGNED IN ACCORDANCE WITH CURRENT MARYLAND EROSION AND SEDIMENT CONTROL LAWS, REGULATIONS, AND STANDARDS, THAT IT REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE, AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT. Paul G. Cavanaugh 11/3/2022 DESIGNER'S SIGNATURE DATE Paul G. Cavanaugh 27020 PRINTED NAME MD REGISTRATION NO. P.E., R.L.S., OR R.L.A. (CIRCLE ONE)

OWNER/DEVELOPER: HS HOMEBUILDER LLC 10610 WARBURTON CT ELLICOTT CITY MD, 21042 PROJECT: HARDWOOD PARK OVERLOOK SECTION / AREA: LOT 1 PARCEL NO.: 873 DEED #: 60/115 GRID #: 13 ZONE: R-12 TAX MAP #: 38 ELEC. DIST.: FIRST CENSUS TR.: 601204

TITLE SHEET HARWOOD PARK OVERLOOK LOT 1 6319 E EUCLID AVE TAX MAP NO.: 38 GRID NO.: 13 PARCEL NO.: 873 ZONED R-12 FIRST ELECTION DISTRICT HOWARD COUNTY, MARYLAND SCALE: AS SHOWN DATE: JUNE, 2022 SHEET 1 OF 3 SDP-22-028

SOIL PREPARATION, TOPSOILING AND SOIL AMENDMENTS (B-4-2)

- A. Soil Preparation
1. Temporary Stabilization
a. Seeded preparation consists of loosening soil to a depth of 3 to 5 inches by means of suitable agricultural or construction equipment...

- B. Topsoiling
1. Topsoil is placed over prepared subsoil prior to establishment of permanent vegetation. The purpose is to provide a suitable soil medium for vegetative growth...

- C. Soil Amendments (Fertilizer and Lime Specifications)
1. Soil tests must be performed to determine the exact rates and application rates for both lime and fertilizer on sites having disturbed soils...

- i. WCFM is to be dyed green or contain a green dye in the package that will provide an appropriate color to facilitate visual inspection of the uniformly spread slurry.
ii. WCFM, including dye, must contain no germination or growth inhibiting factors.

- TEMPORARY SEEDING NOTES (B-4-4)
Definition
To stabilize disturbed soils with vegetation for up to 6 months.

- PERMANENT SEEDING NOTES (B-4-5)
A. Sod Mixtures
General
Figure B.3) and based on the site condition or purpose found on Table B.2. Enter selected mixture(s), application rates, and seeding dates in the Permanent Seeding Summary...

Table with 4 columns: Hardness Zone, Seed Mixture, Fertilizer Rate, and Lime Rate. Rows include BARLEY, OATS, and RYE with application rates and seeding dates.

B-4-3 STANDARDS AND SPECIFICATIONS FOR SEEDING AND MULCHING

- The application of seed and mulch to establish vegetative cover.
Purpose
To protect disturbed soils from erosion during and at the end of construction.
Conditions Where Practice Applies
a. Seeding
1. Specifications
a. All seed must meet the requirement of the Maryland State Seed Law...

Notes:
Select turfgrass varieties from those listed in the most current University of Maryland Publication, Agronomy Memo #77, "Turfgrass Cultivar Recommendations for Maryland"
Choose certified material. Certified material is the best guarantee of cultivar purity...

Permanent Seeding Summary table with columns for Hardness Zone, Seed Mixture, Fertilizer Rate, and Lime Rate. Includes rows for FESCUE and TALL FESCUE.

B. Sod: To provide quick cover on disturbed areas (2:1 grade or flatter).

- 1. General Specifications
a. Class of turfgrass sod must be Maryland State Certified. Sod labels must be made available to the job foreman and inspector.
b. Sod must be machine cut at a uniform soil thickness to 3/4 inch, plus or minus 1/8 inch, at the time of cutting.

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 DICES, SWALES, DITCHES, PERIMETER SLOPES, AND ALL SLOPES STEEPER THAN 3 HORIZONTAL TO 1 VERTICAL (3:1).

B-4-6 STANDARDS AND SPECIFICATIONS FOR STOCKPILE AREAS

- A mound or pile of soil protected by appropriate 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 drainage patterns.

HOWARD SOIL CONSERVATION DISTRICT STANDARD SEDIMENT CONTROL NOTES

- 1. A PRE-CONSTRUCTION MEETING MUST OCCUR WITH THE HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS, CONSTRUCTION INSPECTION DIVISION (CID), 410-313-1969 AFTER THE FUTURE LEO AND PROTECTED AREAS ARE MARKED CLEARLY IN THE FIELD. A PERMITS OF 48 HOUR NOTICE TO CID MUST BE GIVEN AT THE FOLLOWING STAGES:
A. PRIOR TO THE START OF EXCAVATION DISTURBANCE.
B. UPON COMPLETION OF THE INSTALLATION OF PERIMETER EROSION AND SEDIMENT CONTROLS, AND BEFORE PROCEEDING WITH ANY OTHER EARTH DISTURBANCE OR GRADING.

Table with 4 columns: NO., REVISION, DATE, and X. Includes a logo for FISHER, COLLINS & CARTER, INC.

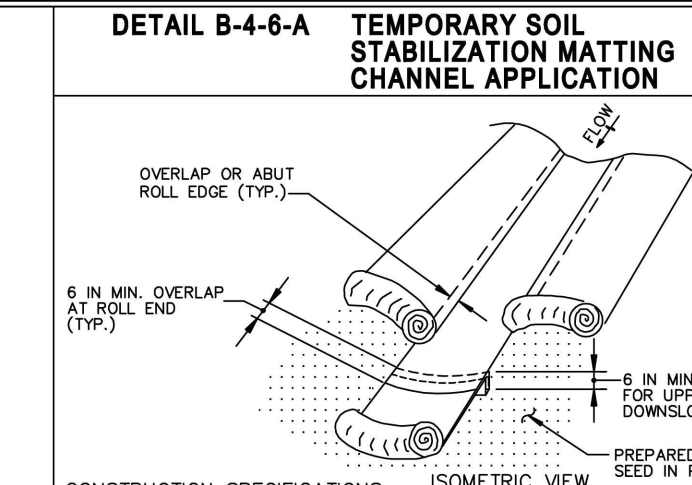
Table with 4 columns: PLANT SPECS, SEEDING RATE 1/, SEEDING DEPTH 2/, and RECOMMENDED SEEDING DATES BY PLANT HARDNESS ZONE 3/. Rows include COOL-SEASON GRASSES, WARM-SEASON GRASSES, and SOY BEANS.

PROFESSIONAL CERTIFICATION
HOWARD SOIL CONSERVATION CERTIFICATE
DESIGN 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...

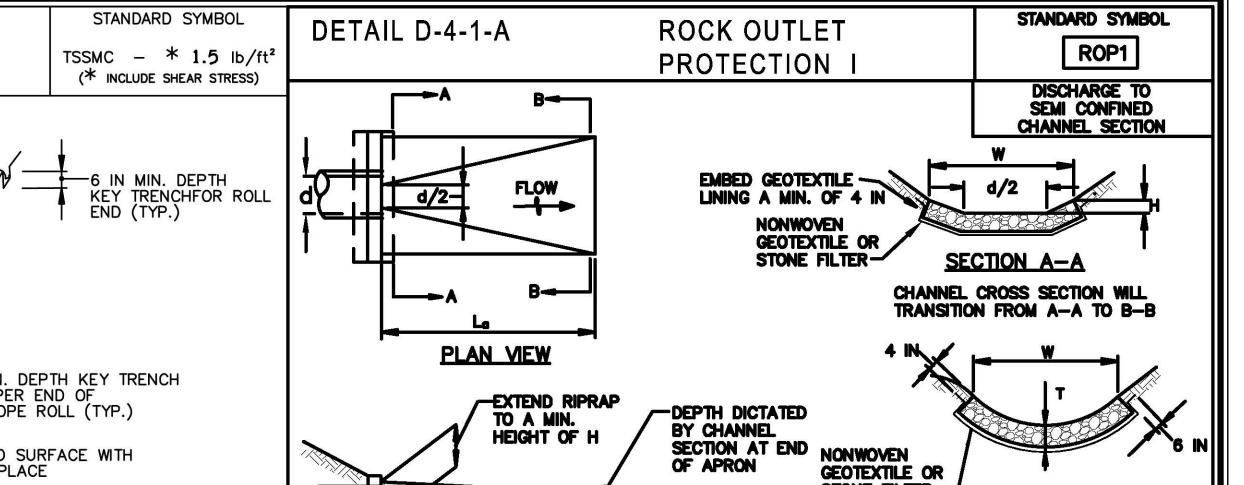
OWNER/DEVELOPER
1610 HARBURTON CT
ELICOTT CITY MD, 21042
PROJECT: HARWOOD PARK OVERLOOK
SECTION / AREA: LOT 1
PARCEL NO.: 873

Table with 5 columns: PROJECT, SECTION / AREA, PARCEL NO., DEED #, GRID #, ZONE, TAX MAP #, ELEC. DIST., CENSUS TR. Includes rows for LOT 1 and LOT 2.

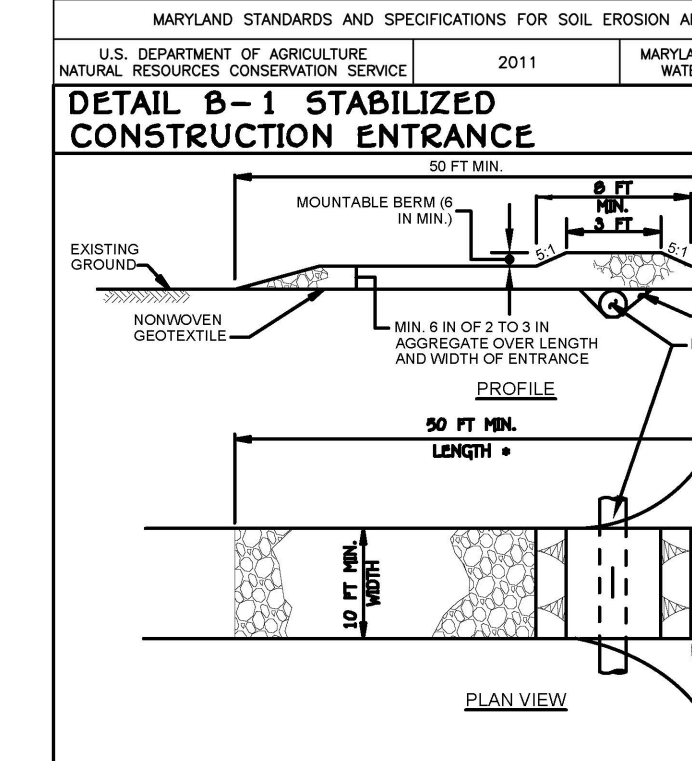
SEDIMENT & EROSION CONTROL NOTES AND DETAILS
HARWOOD PARK OVERLOOK
LOT 1
6319 E EUCLID AVE
TAX MAP NO.: 38 GRID NO.: 13 PARCEL NO.: 873
ZONED R-12
FIRST ELECTION DISTRICT HOWARD COUNTY, MARYLAND
SCALE: AS SHOWN DATE: JUNE, 2022
SHEET 3 OF 3 SDP-22-028



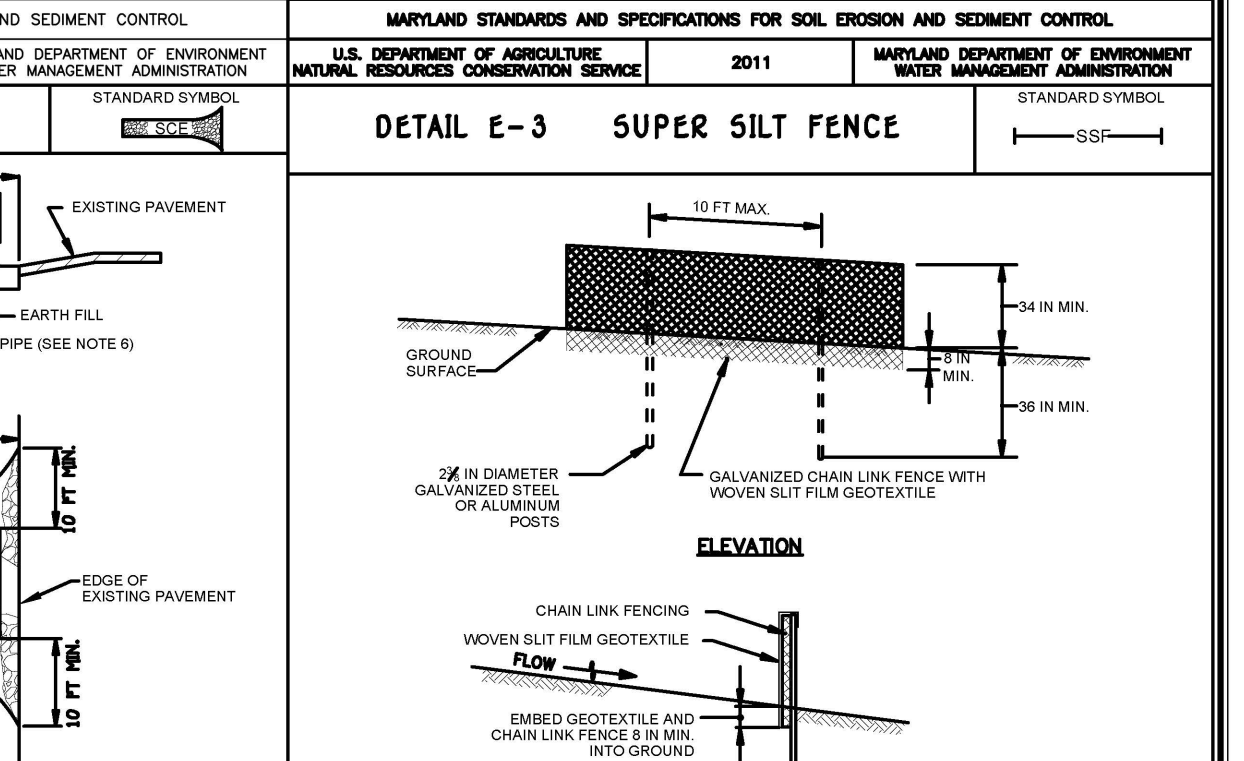
- CONSTRUCTION SPECIFICATIONS
1. USE MATTING THAT HAS A DESIGN VALUE FOR SHEAR STRESS EQUAL TO OR HIGHER THAN THE SHEAR STRESS DESIGNATED ON APPROVED PLANS.
2. USE TEMPORARY SOIL STABILIZATION MATTING MADE OF DEGRADABLE (LASTS 6 MONTHS MINIMUM) NATURAL OR MAN-MADE FIBERS (MASTLY ORGANIC) MAT THAT HAS UNIFORM THICKNESS AND DISTRIBUTION OF FIBERS THROUGHOUT AND BE SMOOTHER RESISTANT. CHEMICALS USED IN THE MAT MUST BE NON-LEACHING AND NON-TOXIC TO VEGETATION AND SEED GERMINATION...



- CONSTRUCTION SPECIFICATIONS
1. RRPAF AND STONE MUST CONFORM TO THE SPECIFIED CLASS.
2. USE NONWOVEN GEOTEXTILE AS SPECIFIED IN SECTION H-1 MATERIALS, AND PROTECT FROM PUNCTURING, CUTTING, OR TEARING. NEVER ALLOW ANY CHANGE OTHER THAN AN OCCASIONAL SMALL HOLE BY PLACING ANOTHER PIECE OF GEOTEXTILE OVER THE DAMAGED AREA OR BY COMPLETELY REPLACING THE GEOTEXTILE WITH A MINIMUM OF 6 INCH OVERLAP FOR EACH REPAIR AND FOR JOINING TWO PIECES OF GEOTEXTILE TOGETHER.



- CONSTRUCTION SPECIFICATIONS
1. PLACE STABILIZED CONSTRUCTION ENTRANCE IN ACCORDANCE WITH THE APPROVED PLAN. VEHICLES MUST NOT EXCEED A SPEED OF 10 MPH THROUGH THE ENTRANCE. THE ENTRANCE MUST BE AT LEAST 30 FEET LONG AND 10 FEET HIGH. PLACE SIGNS TO STOP VEHICLES AT THE EXISTING ROAD TO PREVENT A TURNING MOVEMENT.
2. PERFORM ALL SEEDING WORK PRIOR TO THE START OF THE CONSTRUCTION OF THE ENTRANCE.



- CONSTRUCTION SPECIFICATIONS
1. INSTALL 2 INCH DIAMETER GALVANIZED STEEL POSTS OF GLOSS INCH WALL THICKNESS AND 36 INCH 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 (6 INCH MAXIMUM OPENING) 48 INCHES IN HEIGHT SECURELY TO THE FENCE POSTS WITH WIRE TIES OR HUG KNOTS.

Table with 4 columns: U.S. DEPARTMENT OF AGRICULTURE, MARYLAND DEPARTMENT OF ENVIRONMENT, U.S. DEPARTMENT OF AGRICULTURE, MARYLAND DEPARTMENT OF ENVIRONMENT. Includes a logo for HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.

Table with 4 columns: U.S. DEPARTMENT OF AGRICULTURE, MARYLAND DEPARTMENT OF ENVIRONMENT, U.S. DEPARTMENT OF AGRICULTURE, MARYLAND DEPARTMENT OF ENVIRONMENT. Includes a logo for HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.

- CONTINUED:
8) ADDITIONAL SEDIMENT CONTROL MUST BE PROVIDED, IF DEEMED NECESSARY BY THE CID. THE SITE AND ALL CONTROLS SHALL BE INSPECTED BY THE CONTRACTOR WEEKLY, AND THE NEXT DAY AFTER EACH RAIN EVENT. A WRITTEN REPORT BY THE CONTRACTOR, MADE AVAILABLE UPON REQUEST, IS PART OF EVERY INSPECTION AND SHOULD INCLUDE:
a. INSPECTION DATE
b. INSPECTION TIME (ROUTINE, PRE-Storm Event, DURING RAIN EVENT)
c. NAME AND TITLE OF INSPECTOR
d. WEATHER INFORMATION (CURRENT CONDITIONS AS WELL AS THE AMOUNT AND LAST RECORDED 24 HOUR PRECIPITATION)
e. BRIEF DESCRIPTION OF PROJECT'S STATUS (E.G., PERCENT COMPLETE) AND/OR CURRENT ACTIVITIES
f. EVIDENCE OF SEDIMENT DISCHARGES
g. IDENTIFICATION OF PLAN DEFICIENCIES
h. IDENTIFICATION OF SEDIMENT CONTROLS THAT REQUIRE MAINTENANCE
i. IDENTIFICATION OF HESING OR IMPROPERLY INSTALLED SEDIMENT CONTROLS
j. IDENTIFICATION OF CHANGES TO THE SEQUENCE OF CONSTRUCTION AND STABILIZATION REQUIREMENTS
k. PHOTOGRAPHS
l. MONTICORN/SAMPLING
m. MAINTENANCE AND/OR CORRECTIVE ACTION PERFORMED
n. OTHER INSPECTION ITEMS AS REQUIRED BY THE GENERAL PERMIT FOR STORMWATER ASSOCIATED WITH CONSTRUCTION ACTIVITIES (NPDES, MDX).

SEQUENCE OF CONSTRUCTION
1. OBTAIN A GRADING PERMIT AND HOLD PRE-CONSTRUCTION MEETING WITH COUNTY INSPECTOR. (14 DAYS)
2. NOTIFY 'MHS' UTILITY AT LEAST 48 HOURS BEFORE BEGINNING ANY WORK AT 1-800-257-7777. (7 DAYS)
3. NOTIFY THE HOWARD COUNTY OFFICE OF CONSTRUCTION/ INSPECTION AT 410-313-1330 AT LEAST 24 HOURS BEFORE BEGINNING WORK. (7 DAYS)
4. CLEAR AND GRUB AS NECESSARY FOR INSTALLATION OF PERIMETER CONTROLS. (2 DAYS)
5. INSTALL THE STABILIZED CONSTRUCTION ENTRANCE AND SUPER SILT FENCE. (7 DAYS)
6. WITH PERMISSION FROM THE HOWARD COUNTY DEPARTMENT OF CONSTRUCTION, BEGIN ROUGH GRADE DRAINAGE, ROUGH GRADE AROUND HOUSE SITE AND INSTALL TEMPORARY SEEDING IF REQUIRED. MUST MAINTAIN ACCESS TO DISTING L127B (6310 EXCISE AVE) AT ALL TIMES. (7 DAYS)
7. BEGIN CONSTRUCTION BUILDING, DRIVEWAY AND UTILITIES. (6 MONTHS)
8. MAINTAIN ACCESS TO ALL UTILITIES AND INFRASTRUCTURE AND STABILIZE BEFORE INSTALLING THE PERMISSIBLE PAVING AND MICRO BID-RETENTION. (3 DAYS)
9. FINE GRADE SITE AND INSTALL PERMANENT SEEDING. (3 DAYS)
10. CONVERT BID-RETENTION WITH PERMISSIBLE OF THE SEDIMENT CONTROL INSPECTOR. (2 DAYS)
11. ALL FINAL GRADES AND STABILIZATION SHOULD BE COMPLETED BEFORE ANY REMOVAL OF CONTROLS. WHEN ALL CONSTRUCTING AREAS TO THE SEDIMENT CONTROL DEVICES HAVE BEEN STABILIZED AND WITH THE PERMISSION OF THE SEDIMENT CONTROL INSPECTOR, THE SEDIMENT CONTROL DEVICES MAY BE REMOVED. (3 DAYS)
NOTE:
1) THE CONTRACTOR SHALL INSPECT AND PROVIDE NECESSARY MAINTENANCE EACH RAINFALL AND ON A DAILY BASIS.
Approved: Department Of Planning And Zoning
Chief, Division Of Land Development