PERMANENT SEEDING NOTES

APPLY PERMANENT SEEDING TO GRADED OR CLEARED AREAS NOT SUBJECT TO IMMEDIATE FURTHER DISTURBANCE WHERE A PERMANENT LONG-LIVED VEGETATIVE COVER IS NEEDED.

SEED BED PREPARATION: LOOSEN UPPER THREE INCHES OF SOIL BY RAKING OR DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING IF SOIL HAS NOT BEEN PREVIOUSLY LOOSENED.

SOIL AMENDMENTS: IN LIEU OF SOIL TEST RECOMMENDATIONS, USE ONE OF THE FOLLOWING METHODS:

1) PREFERRED METHOD: APPLY 2 TONS/ACRE OF DOLOMITIC LIMESTONE (92 LBS/1000 SF.) AND 1000 LBS/ACRE OF 10-10-10 FERTILIZER (23 LBS/1000 SF.) BEFORE SEEDING. HARROW OR INTO UPPER THREE INCHES OF SOIL.

SEEDING: FOR PERIODS MARCH 1 THRU APRIL 30, AND AUGUST 1 THRU OCTOBER 15, SEED WITH 60 LBS PER ACRE (1.4 LBS/100 SF.) OF KENTUCKY 31 TALL FESCUE AND 2 LBS PER ACRE (0.05 LBS/1000 SF.) OF WEEPING LOVEGRASS. DURING THE PERIOD OF OCTOBER 16 THRU FEBRUARY 28, PROTECT THESITE BY: OPTION (1) 2 TONS PER ACRE OF WELL ANCHORED STRAW MULCHAND SEED AS SOON ASPOSSIBLE IN THE SPRING, OPTION (2) USE SOD, OPTION (3) SEED WITH 60 LBS PER ACRE KENTUCKY 31 TALL FESCUE AND MULCH WITH 2 TONS PER ACRE WELL ANCHORED STRAW.

MULCHING: APPLY 1 1/2 TO 2 TONS PER ACRE (70 TO 90 LBS/1000 SF.) OF UNROTTED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING, ANCHOR THE MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 218 GALS PER ACRE (5 GALS/1000 SF.) OF EMULSIFIED ASPHALT ON FLAT AREAS, ON SLOPES 8 FEET OR HIGHER, USE 348 GALS PER ACRE (8 GALS/1000 SF.) FOR ANCHORING.

MAINTENANCE: INSPECT ALL SEEDED AREAS AND MAKE NEEDED REPAIRS, RESEEDING AND REPLACEMENTS.

TEMPORARY SEDIMENT CONTROL MEASURES

APPLY TEMPORARY SEEDING TO GRADED OR CLEARED AREAS LIKELY TO BE REDISTURBED WHERE A SHORT-TERM VEGETATIVE COVER IS NEEDED.

SEED BED PREPARATION: LOOSEN THE UPPER THREE INCHES OF SOIL BY RAKING OR DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING. IF SOIL HAS NOT BEEN PREVIOUSLY LOOSENED.

SOIL AMENDMENTS: APPLY 600 LBS/ACRE 10-10-10 FERTILIZER EQUIVALENT TO (14 LBS/1000 SF.)

SEEDING: FOR PERIODS MARCH 1 THRU APRIL 30 AND FROM AUGUST 15 THRU NOVEMBER 15, SEED WITH 2 1/2 BUSHEL/ACRE OF ANNUAL RYE, (32 LBS/1000 SF.) FOR THE PERIOD MAY 1 THRU AUG. 14 SEED WITH 3 LBS/ACRE OF WEEPING LOVEGRASS, (0.7 LBS/1000 SF.) FOR THE PERIOD NOVEMBER 15 THRU FEBRUARY 28, PROTECT SITE BY APPLYING 2 TONS OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING, OR USE SOD.

MULCHING: APPLY 1 1/2 TO 2 TONS /ACRE, (70 TO 90LBS/ 1000 SF.) OF UNROTTED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 218 GAL PER ACRE (5 GAL PER 1000 SF.) OF EMULSIFIED ASPHALT ON FLAT AREAS, ON SLOPES 8 FT. OR HIGHER USE 348 GAL PER ACRE (8 GAL PER 1000 SF.) FOR ANCHORING.

REFER TO THE 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EEROSION AND SEDIMENT CONTROL FOR RATES AND METHODS NOT COVERED HEREIN.

REQUIRED SEQUENCE OF CONSTRUCTION

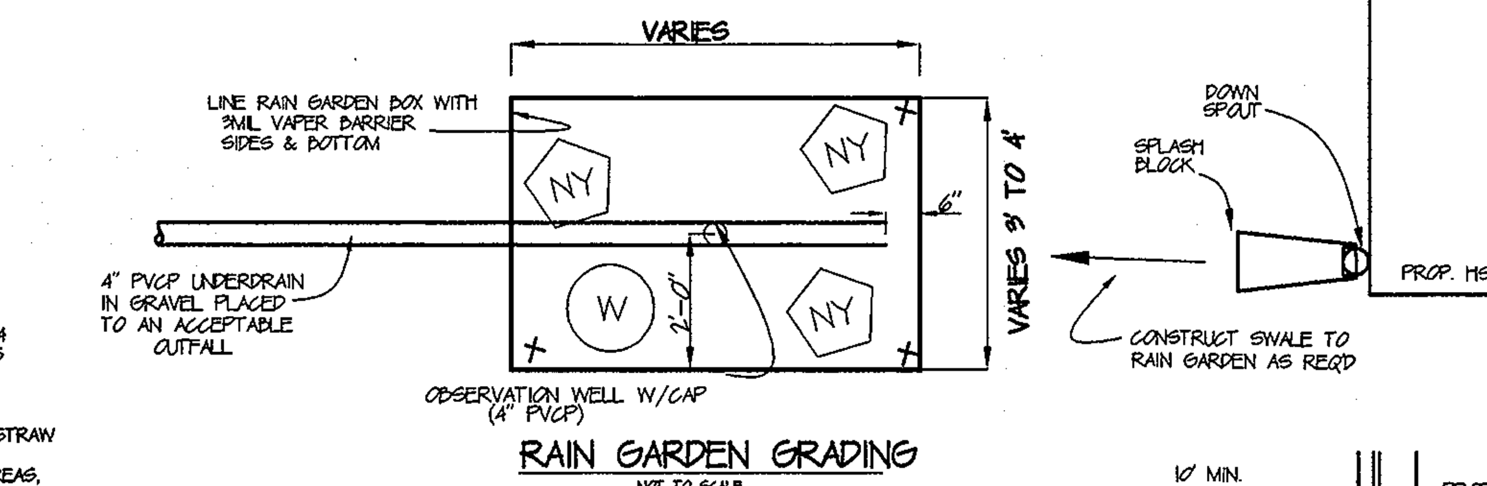
1. OBTAIN GRADING PERMIT. (1-DAY)
2. CLEAR AND GRUB FOR INSTALLATION OF TEMPORARY SEDIMENT CONTROL MEASURES, SILT FENCE AND STONE CONSTRUCTION SENTRANCE. (1-DAY)
3. INSTALL TEMPORARY SEDIMENT CONTROL MEASURES.
4. UPON APPROVAL OF SEDIMENT CONTROL INSPECTOR CLEAR AND GRUB (3-DAY) SITE FOR CONSTRUCTION OF DWELLING, DRIVEWAY AND SIDEWALKS.
5. GRADE SITE AND CONSTRUCT DWELLING, DRIVEWAY AND SIDEWALKS (3-MONTHS) PER THE PLAN.
6. CONSTRUCT RAIN GARDENS AS PER PLAN AND DETAILS
7. STABILIZE ALL DISTURBED AREAS WITH SEED AND MULCH PER SCS (1-DAY) STANDARD NOTES.
8. UPON APPROVAL OF THE SEDIMENT CONTROL INSPECTOR REMOVE ALL (1-DAY) TEMPORARY SEDIMENT CONTROL MEASURES AND STABILIZE ALL DISTURBED AREAS AS PER PERMANENT SEEDING NOTES. (TOTAL TIME 6-MONTHS MAX)

NOTE: THE WATER QUALITY FACILITIES SHOWN HEREON SHALL BE CONSTRUCTED AND MAINTAINE BY THE OWNER

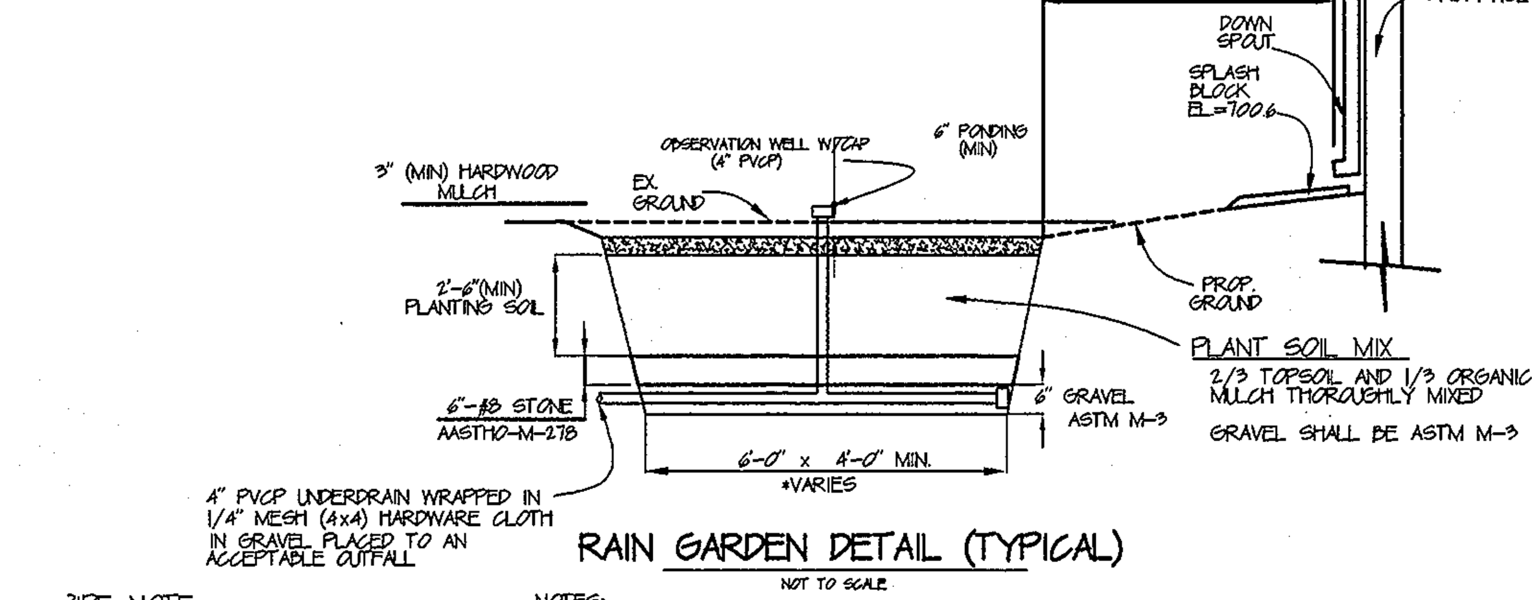
RAIN GARDEN PLANT LIST			
SYMBOL	QUANTITY	BOTANICAL/ COMMON NAME	SIZE
(W)	6/ 1 EA.	ILEX VERTICILLATA - WINTERBERRY	1- GAL. CONTAINER
(NY)	18/ 3 EA.	VERNONIA NOVEBORACENSIS - NEW YORK IRONWEED	1- GAL. CONTAINER

NOTE: LOCATION SEE 50 SCALE DWG THIS SHEET
AREA= 50 SQ.-FT PER 1000 SQ.-FT OF ROOF

SYMBOL = RG



RAIN GARDEN GRADING
NOT TO SCALE



RAIN GARDEN DETAIL (TYPICAL)
NOT TO SCALE

PIPE NOTE
ALL UNDERDRAIN PIPE SHALL BE PVC-1120 OR 1220 AS PER ASTM D-1785

NOTES:
1. EXACT SIZE, LOCATION, AND GRADING OF RAINGARDENS TO BE BASED UPON ACTUAL DWELLING ON SDP FOR BUILDING PERMIT
2. SEE SWM REPORT FOR PROFILES OF RAIN GARDENS
3. THESE DETAILS AND SPECIFICATIONS SHALL BE INCLUDED ON THE BUILDING PERMIT
4. ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH THE APPLICABLE PROVISION OF MD CONSERVATION SERVICE STANDARDS AND SPECIFICATIONS MD-378 AND THE LATEST REVISION THERETO

RAIN GARDEN SCHEDULE			
NO.	DIMENSIONS WxL	TOP/GRD ELEV.	INV. OUT
A	3'-0" x 4'-4"	469.50	465.25
B	3'-0" x 5'-6"	469.00	464.75
C/O	4" PVCP	-	464.25
RIP-RAP	4" PVCP	-	464.00

OPERATION AND MAINTENANCE SCHEDULE FOR RAIN GARDENS

A. ANNUAL MAINTENANCE OF PLANT MATERIAL, MULCH LAYER AND SOIL LAYER IS REQUIRED. MAINTENANCE OF MULCH AND SOIL IS LIMITED TO CORRECTING AREAS OF EROSION OR WASH OUT. ANY MULCH REPLACEMENT SHALL BE DONE IN THE SPRING PLANT MATERIAL AND DISEASE AND INSECT INFESTATION AND MAINTENANCE WILL ADDRESS DEAD MATERIAL AND PRUNING.

B SCHEDULE OF PLANT INSPECTION WILL BE TWICE A YEAR IN SPRING AND FALL. THIS INSPECTION WILL INCLUDED REMOVAL OF DEAD AND DISEASED VEGETATION CONSIDERED BEYOND TREATMENT, TREATMENT OF ALL DISEASED TREES AND SHRUBS AND REPLACEMENT OF ALL DEFICIENT STAKES AND WIRES.

C. MULCH SHALL BE INSPECTED EACH SPRING. REMOVE PREVIOUS MULCH LAYER BEFORE APPLYING NEW LAYER ONCE EVERY 2 TO 3 YEARS.

D. SOIL EROSION TO BE ADDRESSED ON AN AS NEEDED BASIS, WITH A MINIMUM OF ONCE PER MONTH AND AFTER HEAVY STORM EVENTS

NOTE
RIP-RAP APRON SHALL BE CLASS 0 STONE PLACED ON FILTER CLOTH W= 1-6", x L 2'-6", x D. 8"
NO ROCK OR GROUND WATER WAS ENCOUNTERED AT BORING LOCATION SHOWN HEREON .

SWM DATA * (SEE NOTE)														
	EXIST. CONDITIONS						DEVELOPED CONDITIONS							
AREA	TC	RCN	AREA	Q_1	Q_{10}	Q_{100}	TC	RCN	AREA	Q_1	Q_{10}	Q_{100}	Wqv	REV
SITE	0.14	53	0.66	0.03	0.70	1.75	0.16	54	0.66	0.03*	0.70	1.75	659 CF*	165 CF.*
FLOWBY	-	-	-	-	-	-	-	-	-	-	-	-	-	-

* DEVELOPED CONDITIONS Q 1-YR = 0.03 CFS CHANNEL PROTECTION NOT REQ'D. NO SIGNIFICANT INCREASE IN RUNOFF Q_{10} AND Q_{100} STORMS STORM WATER MANAGEMENT NOT REQ'D.

* WATER QUALITY MANAGEMENT SATISFIED BY TAKING CREDIT 5 FOR DISCONNECTED RUNOFF PER MDE 2000 VOL. II SEC. 5.2 & SEC. 5.3

* GROUNDWATER RECHARGE SATISFIED BY THE PERCENT AREA METHOD AS PER MDE 200 VOL. I, SEC. 2.2

GENERAL NOTES FOR SEDIMENT CONTROL

1. A MINIMUM OF 24 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY OFFICE OF INSPECTION AND PERMITS PRIOR TO THE START OF ANY CONSTRUCTION TELEPHONE (410) 992-2437.

2. ALL VEGETATIVE AND STRUCTURAL PRACTICES ARE TO BE INSTALLED ACCORDING TO THE PROVISIONS OF THIS PLAN AND ARE TO BE IN CONFORMANCE WITH "THE 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL".

3. FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN a) 7 CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES INCLUDING DIKES PERIMETER SLOPES, AND ALL SLOPES GREATER THAN 3:1, b0 14 DATS AS TO ALL OTHER DISTURBAED AREAS ON THE PROJECT SITE.

4. ALL SEDIMENT TAPS/BASINS SHOWN MUST BE FENCED AND WARNING SIGNS POSTED AROUND THEIR PERIMETER IN ACCORDANCE WITH VOL. I, CHAP. 12, OF THE "HOWARD COUNTY DESIGN MANUAL, STORM DDRAINAGE".

5. ALL DISTURBED AREAS MUST BE STABILIZED WITHIN THE TIME PERIOD SPECIFIED ABOVE IN ACCORDANCE WITH THE 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL, SECTION G - VEGETATIVE PRACTICES FOR METHODS AND MATERIALS SECTION I, TEMPORARY SEEDINGS SECTION II, PERMANENT SEEDINGS SECTION III, SOD SECTION IV. TEMPORARY STABILIZATION WITH MULCH ALONE CAN ONLY BE DONE WHEN THE RECOMMENDED SEEDING DATES DO NOT ALLOW FOR PROPER GERMINATION AND ESTABLISHMENT OF GRASSES.

6. ALL SEDIMENT CONTROL STRUCTURES ARE TO REMAIN IN PLACE AND ARE TO BE MAINTAINED IN OPERATIVE CONDITION UNTIL PERMISSION FOR THEIR REMOVAL HAS BEEN OBTAINED FROM THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.

7. ANY SEDIMENT CONTROL PRACTICE WHICH IS DISTURBED BY CONSTRUCTION OFUTILITIES MUST BE REPAIRED ON THE SAME DAY OF DISTURBANCE.

8. ADDITIONAL SEDIMENT CONTROL MEASURES MUST BE PROVIDED , IF DEEMED NECESSARY BY HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.

9. ON ALL SITES WITH DISTURBED AREAS IN EXCESS OF 2.0 ACRES APPROVAL OF THE INSPECTION AGENCY SHALL BE REQUESTED UPON COMPLETION OF THE INSTALLATION OF PERIMETER EROSION AND SEDIMENT CONTROLS, AND BEFORE PROCEEDING WITH ANY OTHER EARTH DISTURBANCE OR GRADING, OTHER BUILDING OR GRADING INSPECTION APPROVALS MAY NOT BE AUTHORIZED UNTIL THIS INITIAL APPROVAL BY THE INSPECTION AGENCY IS MADE.

10. SITE ANALYSIS:

TOTAL AREA OF SITE	32,650 SF
AREA DISTURBED	32,650 SF
AREA TO BE ROOFED OR PAVED	7,100 SF
AREA TO BE VEGETATIVELY STABILIZED	25,550 SF
TOTAL VOLUME OF CUT	814 CY
TOTAL VOLUME OF FILL	250 CY
OFFSITE WASTE/BORROW AREA LOCATION	N/A

ENGINEER'S CERTIFICATE

"I CERTIFY THAT THIS PLAN OF SEDIMENT AND EROSION CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT"

[signature] 3/31/08
CHARLES R. CROCKEN, P.E. REG. No. 7803 DATE

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 ALL RESPONSIBLE PEERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AS A DEPT. 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."

Satish Agrawal 3/31/8
DEVELOPER: DATE

REVIEWED FOR HOWARD SCD AND MEETS TECHNICAL REQUIREMENTS
[signature]
USDA NATURAL RESOURCES CONSERVATION SERVICE DATE

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT;
John R Robertson 4/8/08
HOWARD SCD DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

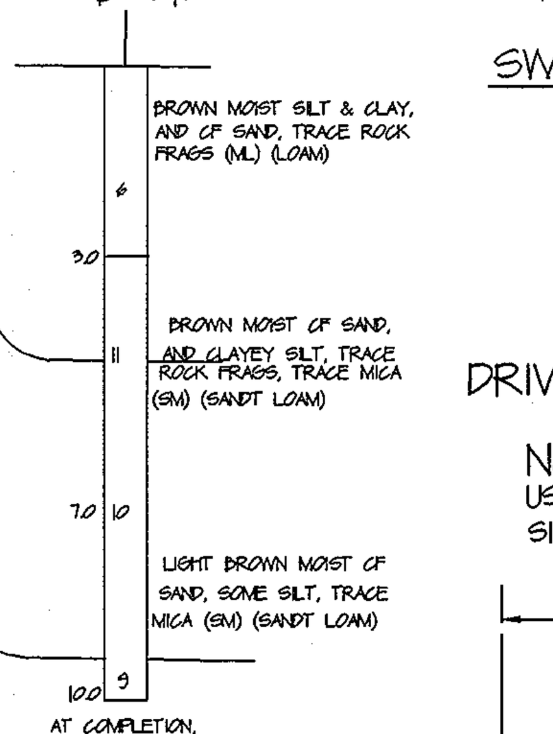
[signature] 4/9/08
CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

Cindy Hamilton 4/10/08
CHIEF, DIVISION OF LAND DEVELOPMENT DATE

[signature] 4/10/08
DIRECTOR DATE

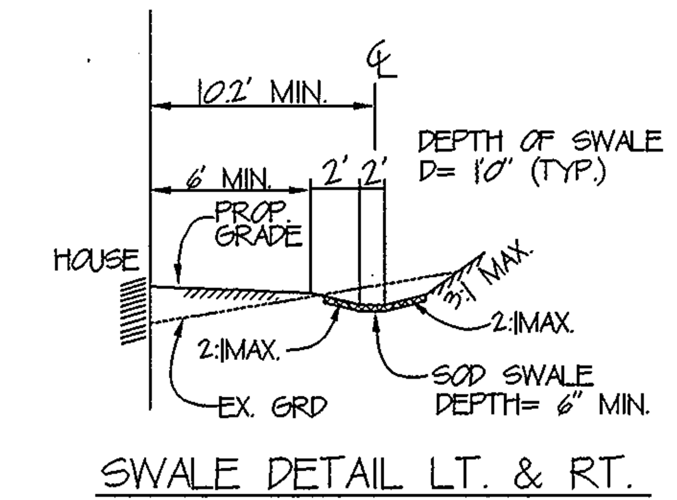
LEGEND

Existing Contour	-382
Proposed Contour	82
Spot Elevation	+82
Direction of Flow	←
Bollard	✱
Light Poles	Post Top / Overhead
SUPER SILT FENCE	SSF —— SSF —— SSF
PROPOSED RAIN GARDEN	4'D.
BORING LOCATION	⊕
STONE CONSTRUCTION ENTRANCE	SCE
LIMIT OF DISTURBANCE	LOD
UTILITY EASEMENT	

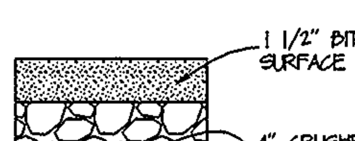


BORING DETAIL
NOT TO SCALE

STABILIZATION NOTE:
PLACE 2" TOPSOIL, FERTILIZER, SEED & MULCH ALL DISTURBED AREAS PER S.C.S. SPECIFICATIONS.

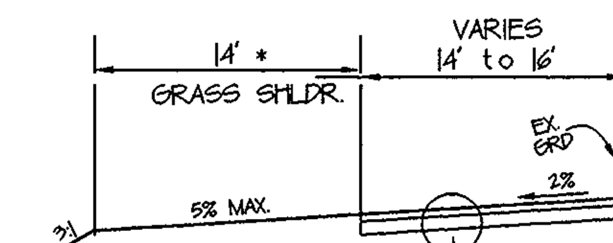


SWALE DETAIL LT. & RT.
NTS



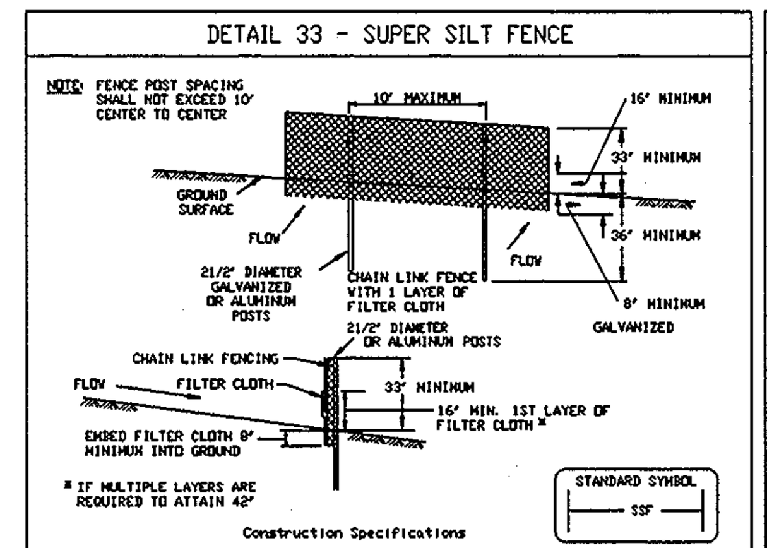
DRIVEWAY PAVING SECTION
NOT TO SCALE

NOTE:
USE- IN- COMMON DRIVEWAY W=16'
SINGLE USE DRIVEWAY W=14'



DRIVEWAY DETAIL
NOT TO SCALE

DETAIL 33 - SUPER SILT FENCE



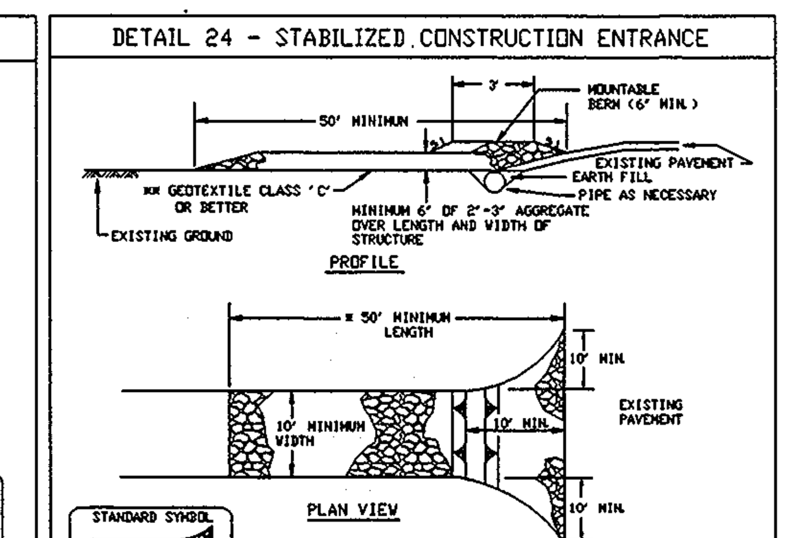
Construction Specifications

1. Fencing shall be 42' in height and constructed in accordance with the latest Maryland State Highway Details for Chain Link Fencing. The specification for a 6' fence shall be used, substituting 42' fabric and 6' length posts.
2. Chain link fence shall be fastened securely to the fence posts with wire ties. The lower tension wire, brace and truss rods, drive anchors and post caps are not required except on the ends of the fence.
3. Filter cloth shall be fastened securely to the chain link fence with ties spaced every 24' at the top and mid section.
4. Filter cloth shall be embedded a minimum of 8' into the ground.
5. When two sections of filter cloth adjoin each other, they shall be overlapped by 6' and folded.
6. Maintenance shall be performed as needed and silt buildups removed when "bulges" develop in the silt fence, or when silt reaches 50% of fence height.
7. Filter cloth shall be fastened securely to each fence post with wire ties or staples at top and mid section and shall meet the following requirements for Geotextile Class F:

Tensile Strength	50 lbs/in (min.)	Test: MSMT 509
Tensile Modulus	20 lbs/in (min.)	Test: MSMT 509
Flow Rate	0.3 gal/ft²/minute (max.)	Test: MSMT 322
Filtering Efficiency	75% (min.)	Test: MSMT 322

U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE | PAGE H - 26 - 3 | MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION

DETAIL 24 - STABILIZED CONSTRUCTION ENTRANCE



Construction Specification

1. Length - minimum of 50' (*30' for single residence lot).
2. Width - 10' minimum, should be flared at the existing road to provide a turning radius.
3. Geotextile fabric (filter cloth) shall be placed over the existing ground prior to placing stone. **The plan approval authority may not require single family residences to use geotextile.
4. Stone - crushed aggregate (2' to 3') or reclaimed or recycled concrete equivalent shall be placed at least 6' deep over the length and width of the entrance.
5. Surface Water - all surface water flowing to or diverted toward construction entrances shall be piped through the entrance, maintaining positive drainage. Pipe installed through the stabilized construction entrance shall be protected with a mountable berm with 5:1 slopes and a minimum of 6' of stone over the pipe. Pipe has to be sized according to the drainage. When the SCE is located at a high spot and has no drainage to convey a pipe will not be necessary. Pipe should be sized according to the amount of runoff to be conveyed. A 6' minimum will be required.
6. Location - A stabilized construction entrance shall be located at every point where construction traffic enters or leaves a construction site. Vehicles leaving the site must travel over the entire length of the stabilized construction entrance.

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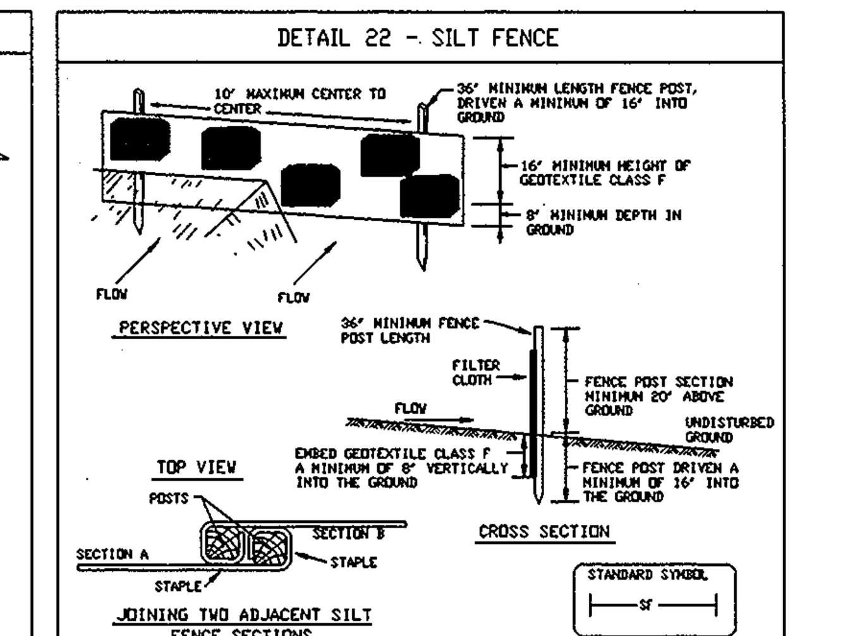
DETAIL 22 - SILT FENCE



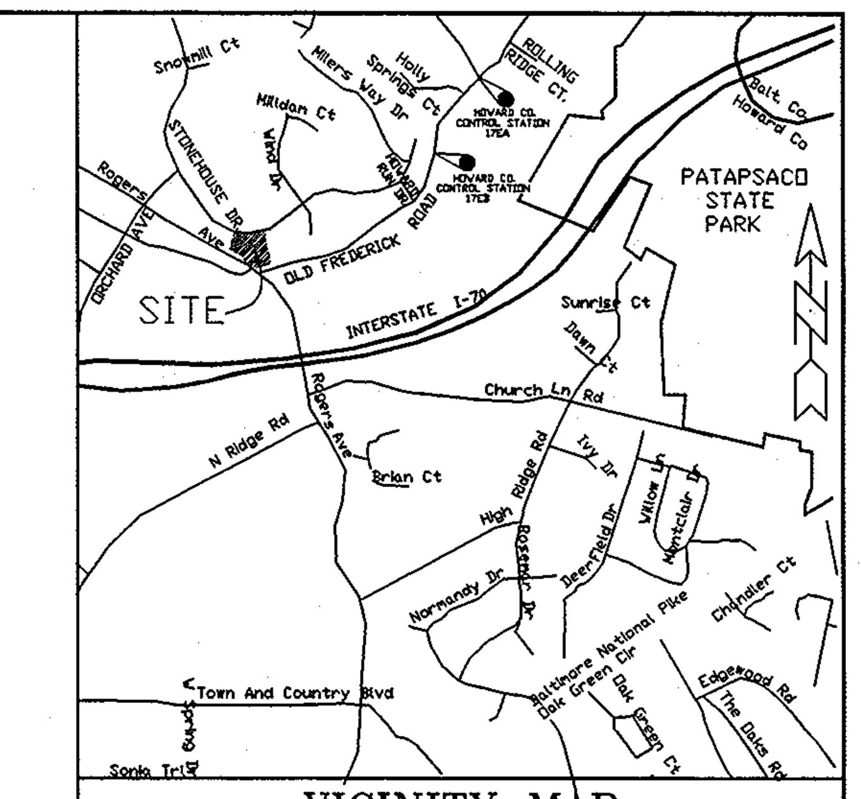
Construction Specifications

1. Fence posts shall be a minimum of 36' long driven 16' minimum into the ground. Wood posts shall be 11/2' x 11/2' square (minimum) cut, or 13/4' diameter (minimum) round and shall be of sound quality hardwood. Steel posts will be standard T or U section weighting not less than 1.00 pond per linear foot.
2. Geotextile shall be fastened securely to each fence post with wire ties or staples at top and mid-section and shall meet the following requirements for Geotextile Class F:

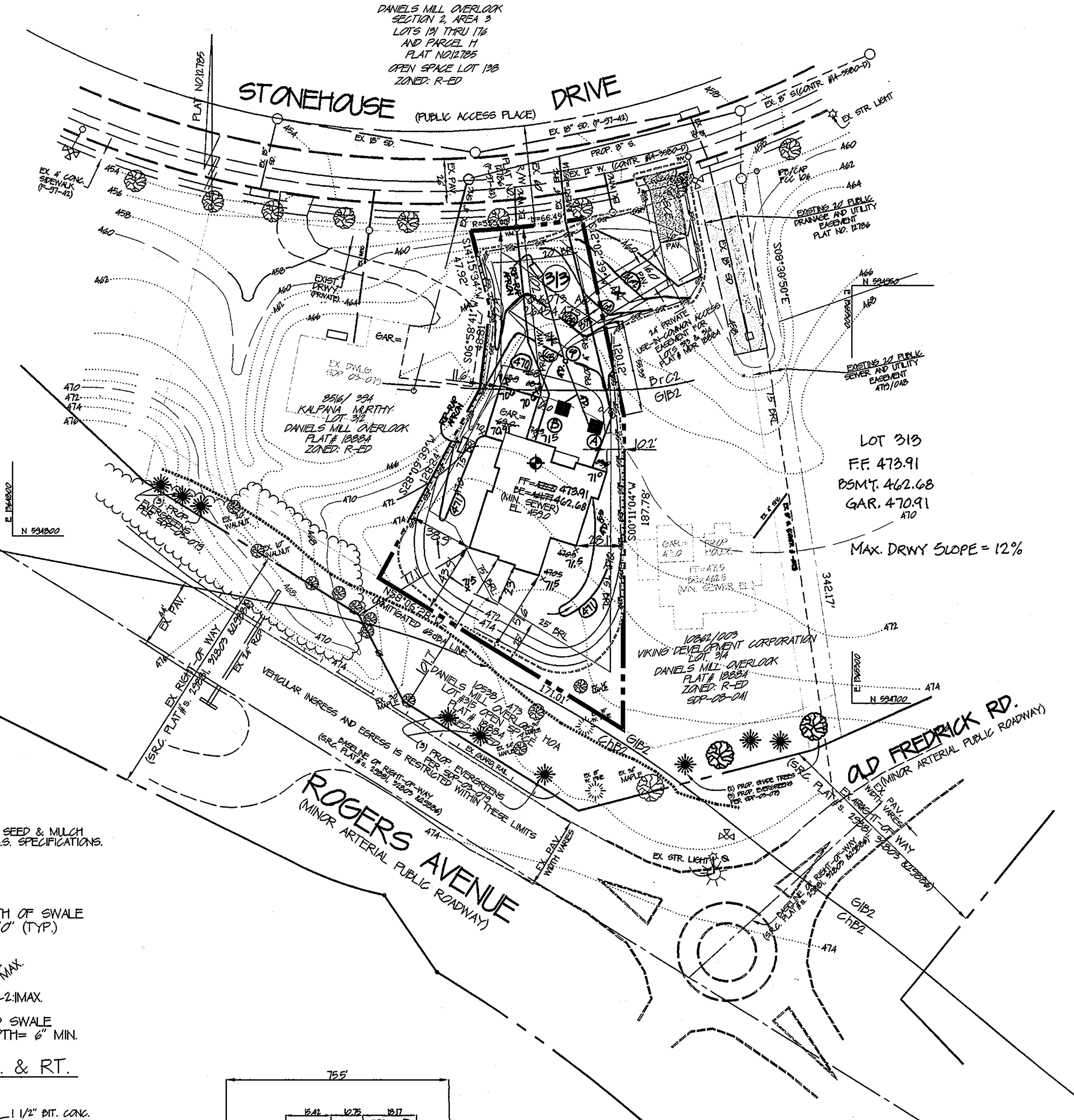
Tensile Strength	50 lbs/in (min.)	Test: MSMT 509
Tensile Modulus	20 lbs/in (min.)	Test: MSMT 509
Flow Rate	0.3 gal ft²/ minute (max.)	Test: MSMT 322
Filtering Efficiency	75% (min.)	Test: MSMT 322

3. Where ends of geotextile fabric come together, they shall be overlapped, folded and stapled to prevent sediment bypass.
4. Silt Fence shall be inspected after each rainfall event and maintained when bulges occur or when sediment accumulation reached 50% of the fabric height.

U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE | PAGE E - 15 - 3 | MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION



VICINITY MAP
ADC 12D4 SCALE: 1" = 2000'



GENERAL NOTES:

1. THE SUBJECT PROPERTY IS ZONED R-ED PER 02/02/04 COMPREHENSIVE ZONING PLAN AND PER THE "COMP LITE" ZONING AMENDMENTS EFFECTIVE 7/28/06

2. IN ACCORDANCE WITH SECTION 128 OF THE HOWARD COUNTY 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.

3. THERE ARE NO STREAMS, WETLANDS, OR 100 YEAR FLOOD PLAINS ON THE SUBJECT PROPERTY. WETLAND DELINEATION BY MAR- LEN ENVIRONMENTAL DATED 6-19-2003

4. 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' (16' SERVING MORE THAN ONE RESIDENCE).
   B) SURFACE - 6" OF COMPACTED CRUSHER RUN BASE W/TAR AND CHIP COATING (1-1/2" MIN.).
   C) GEOMETRY - MAX. 15% GRADE, MAX. 10% GRADE CHANGE, AND MIN. 45' 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 DRIVEWAY SURFACE.

5. THE CONTRACTOR SHALL NOTIFY THE DEPARTMENT OF PUBLIC WORKS/BUREAU OF ENGINEERING /CONSTRUCTION INSPECTION DIVISION AT (410) 313-1880 AT LEAST FIVE (5) WORKING DAYS PRIOR TO THE START OF WORK.

6. THE CONTRACTOR SHALL NOTIFY "MISS UTILITY" AT 1-800-257-7777 AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION WORK BEING DONE.

7. THE EXISTING TOPOGRAPHY IS TAKEN FROM A FIELD RUN SURVEY WITH TWO FOOT CONTOUR INTERVALS PREPARED BY CHARLES R. CROCKEN & ASSOCIATES, INC. ON 06/2004

8. COORDINATES BASED ON NAD '83, MARYLAND COORDINATE SYSTEM AS PROJECTED BY HOWARD COUNTY GEODETIC CONTROL STATIONS NO.17FA AND NO.17F7
   GEODETIC CONTROL STATION: NO.17FA N594948.56 E1364676.7837 ELEV. 476.783
   GEODETIC CONTROL STATION: NO.17F7 N595829.6194 E1363088.3646 ELEV. 469.460

9. EXISTING UTILITIES ARE PLOTTED FROM HOWARD COUNTY UTILITY DRAWINGS AND FIELD LOCATED WHERE POSSIBLE.

10. ANY DAMAGE DUE TO THE CONTRACTORS ACTIVITIES DONE TO COUNTY'S RIGHT-OF-WAY SHALL BE CORRECTED AT THE DEVELOPER'S EXPENSE.

11. FOR DRIVEWAY ENTRANCE DETAILS REFER TO THE HOWARD COUNTY DESIGN MANUAL, VOLUME IV, STANDARD DETAIL R- 6.03

12. THIS SUBDIVISION HAS BEEN PREPARED IN ACCORDANCE WITH THE PROVISIONS OF SECTION 16.124 OF THE HOWARD COUNTY CODE AND THE LANDSCAPE MANUAL. LANDSCAPING REQUIREMENTS HAVE BEEN SATISFIED UNDER SDP-03-079

13 THE REQUIREMENTS OF SECTION 16.1200 OF THE HOWARD COUNTY CODE FOR FOREST CONSERVATION HAVE BEEN PROVIDED FOR THIS SUBDIVISION UNDER F-97-029

14. THE 65 dBA NOISE CONTOUR LINE DRAWN ON ADJACENT OPEN SPACE PARCEL LOT 315 IS ADVISORY AS REQUIRED BY THE HOWARD COUNTY DESIGN MANUAL, CHAPTER 5, REVISED FEBRUARY, 1992 AND CANNOT BE CONSIDERED TO EXACTLY LOCATE THE 65 dBA NOISE EXPOSURE. THE 65dBA NOISE LINE WAS ESTABLISHED BY HOWARD COUNTY TO ALERT DEVELOPERS, BUILDERS AND FUTURE RESIDENTS THAT AREAS BEYOND THIS THRESHOLD MAY EXCEED GENERALLY ACCEPTED NOISE LEVELS ESTABLISHED BY THE US DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT.

16. WATER AND SEWER SERVICE TO THESE LOTS WILL BE GRANTED UNDER THE PROVISIONS OF SECTION 18.122B OF THE HOWARD COUNTY CODE. PUBLIC WATER AND PUBLIC SEWER ALLOCATION WILL BE GRANTED AT THE TIME OF THE ISSUANCE OF THE BUILDING PERMIT IF CAPACITY IS AVAILABLE AT THAT TIME

17. THIS SUBDIVISION IS SUBJECT TO SECTION 18.122B OF THE HOWARD COUNTY CODE. PUBLIC WATER AND/OR PUBLIC SEWER SERVICE HAS BEEN GRANTED UNDER THE TERMS AND PROVISIONS THEREOF, EFFECTIVE 10/02 /98 ON WHICH DATE DEVELOPER AGREEMENT NO.14-3580-D WAS FILED AND ACCEPTED.

18. WATER AND SEWER CONTRACT NO. 14-3580-D

19. THIS PLAN IS SUBJECT TO THE AMENDED 5TH EDITION AMENDMENTS OF THE SUBDIVISION AND LAND DEVELOPMENT REGULATIONS PER COUNCIL BILL 45-2003 AND THE ZONING REGULATIONS AS AMENDED BY COUNCIL BILL 75-2003. DEVELOPEMENT OR CONSTRUCTION ON THESE LOTS WITH SETBACK AND BUFFER REGULATIONS IN EFFECT AT THE TIME OF SUBMISSION OF THE SITE DEVELOPMENT PLAN, WAIVER PETITIONAPPLICATION, OR BUILDING/ GRADING PERMIT.

20. A SHARED DRIVEWAY MAINTENANCE AGREEMENT FOR LOTS 313-314 WAS RECORDED ON FEBRUARY 23, 2007 SIMULTANEOUSLY WITH THE RECORDATION OF PLAT NO. 18884 (F-03-226) AMOUNG THE LAND RECORDS OF HOWARD COUNTY MARYLAND CONCURRENTLY WITH THIS PLAT IN LIBER 10538, FOLIO 477

21. PROTECTIVE COVENANTS AND RESTRICTIONS GOVERNING THE MAINTENANCE AND USE OF COMMUNITY OWNED OPEN SPACE LOT 315 ARE TO BE RECORDED IN THE LAND RECORDS HOWARD COUNTY SIMULTANEOUS WITH THE RECORDATION OF THIS PLAT.

22. ARTICLES OF INCORPORATION FOR DANIELS MILL OVERLOOK SECTION 3, AREA 2, LOTS 312, 313, 314 AND OPEN SPACE LOT315 HOMEOWNERS ASSOCIATION, INC. FILED WITH THE MARYLAND STATE DEPARTMENT OF ASSESSMENTS AND TAXATION AS ACCT. #D-5445209 DATE: 9/12/05

23. THE NOISE ANALYSIS PREPARED BY THE MARS GROUP ON OR ABOUT 11/22/03

24. WATER QUALITY MANAGEMENT PROVED BY DISCONNECTED RUNOFF BY MEANS OF RAIN GARDENS SHOWN HEREON

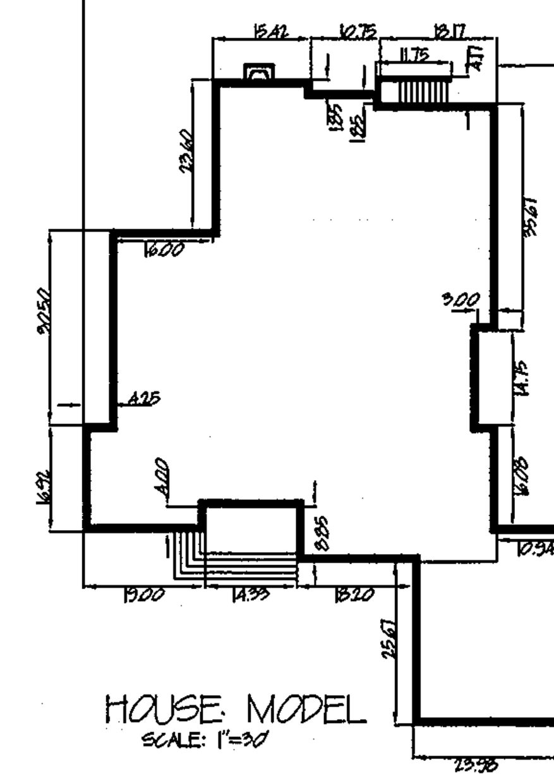
25. STORM WATER MANAGEMENT WILL BE PROVIDED IN ACCORDANCE WITH THE MARYLAND STORMWATER DESIGN MANUAL VOLUME I & II FOR DISCONNECTED ROOFTOP RUNOFF BY CONSTRUCTION OF RAIN GARDENS AND GRASS WATERWAYS AND DISCONNECTED NON-ROOFTOP RUNOFF BY CONSTRUCTION OF GRASS SHOULDERS 14' WIDE FOR THE HOUSE AND DRIVEWAY FOR LOT #313 AS SHOWN HEREON.

SITE DATA:

1. TOTAL AREA PROJECT= 0.6581 ACRES (28,667sf)
2. AREA OF SUBMISSION= 0.6581 ACRES (28,667sf)
3. LIMIT OF DISTURB AREA= 0.6581 ACRES (28,667sf)
4. EXISTING ZONING R-ED
5. PROPOSED USE SINGLE FAMILY RESIDENCE
6. NUMBER OF UNITS ALLOWED = 1
7. NUMBER OF UNITS PROPOSED = 1
8. PARKING SPACES REQUIRED = 2SP/ DWLG. = 2
9. PARKING SPACES PROPOSED = 2
10. DPZ FILE REFERENCES: F-97-42, SDP-03-079, F-03-226, F-97-029

3-31-08
STATE OF MARYLAND CHARLES R. CROCKEN NO. 7803 REGISTERED PROFESSIONAL ENGINEER
[signature]

OWNERS/ DEVELOPERS
SATISH AGRAWAL, AIA
RAI AGRAWAL
6753 SEWELLS ORCHARD DR.
COLUMBIA, MARYLAND 21045
Tel 410-850-4565



HOUSE MODEL
SCALE: 1"=30'

HOUSE ELEVATION
SCALE: 1"=30'

SOILS LEGEND		
SYMBOL	NAME/DESCRIPTION	SOIL GROUP
BrC2	BRANDYWINE LOAM 8% TO 15% SLOPE	"A"
ChB2	CHESTER SILT LOAM 3% TO 8% SLOPE	"B"
GlB2	GLENELG LOAM 3% TO 8% SLOPE	"B"

ADDRESS CHART	
LOT # 313	8645 STONEHOUSE DR

PERMIT INFORMATION					
SUBDIVISION NAME: DANIELS MILL OVERLOOK			SECTION/AREA: SECTION 3, AREA 2		LOT/ PARCEL #: 313/ 547
PLAT # OR L/F: MDR 18884	BLOCK #: 12	ZONE: R-ED	TAX/ZONE MAP: #17	ELECTION DISTR.: 2 ND	CENSUS TRACT: 6021.00
WATER CODE: D01			SEWER CODE: 2150562		

NO.	DATE	REVISION
1	12-18-08	REV. F.F.ELEV & GRADING CRC

SITE DEVELOPEMENT PLAN
DANIELS MILL OVERLOOK
SECTION 3, AREA 2, LOT # 313
USE-IN-COMMON DRIVEWAY ONTO LOT314
SINGLE FAMILY DETACHED
FORMERLY PLAT # 18884
SECOND ELECTION DISTRICT, TAX MAP #17, GRID 12, P/O PARCEL 547
HOWARD COUNTY, MARYLAND
EXISTING ZONING R-ED DPZ FILE REF: F-97-42, F-97-29, F-98-75
SCALE:1"=50' SDP-03-079 DATE: 9-18-2007

Prepared by:
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PO Box 307
Westminster, MD 21157
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SCALE: 1"= 50'	DATE: 8/24/07	SHEET 1 OF 1

SDP-08-021