

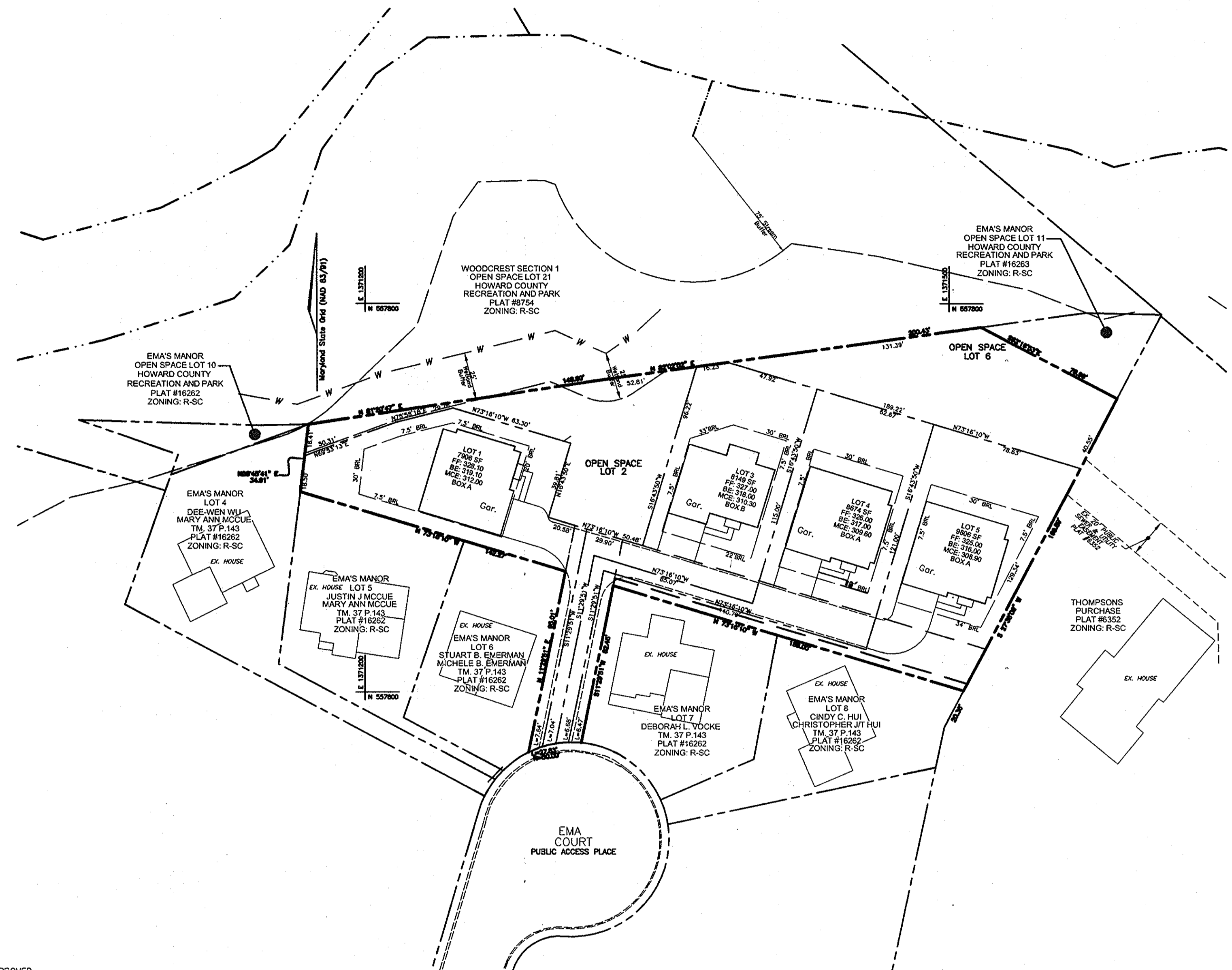
GENERAL NOTES

- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST HOWARD COUNTY STANDARDS AND SPECIFICATIONS PLUS MSHA STANDARDS AND SPECIFICATIONS, IF APPLICABLE.
- THE CONTRACTOR SHALL NOTIFY "MISS UTILITY" AT 1-800-257-7777 AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION WORK.
- THE CONTRACTOR IS TO NOTIFY THE FOLLOWING UTILITIES OR AGENCIES AT LEAST FIVE DAYS BEFORE STARTING WORK SHOWN ON THESE DRAWINGS:
 - VERIZON TELEPHONE COMPANY: 1-800-257-7777
 - HOWARD COUNTY BUREAU OF UTILITIES: 410-313-2356
 - AT&T CABLE LOCATION DIVISION: 410-393-3553
 - B.G.&E. CO. CONTRACTOR SERVICES: 410-850-4620
 - B.G.&E. CO. UNDERGROUND DAMAGE CONTROL: 410-787-4620
 - STATE HIGHWAY ADMINISTRATION: 410-531-5533
- SITE ANALYSIS:
 - AREA OF PARCEL: 1.087 AC.
 - PRESENT ZONING: R-SC
 - USE OF STRUCTURE: RESIDENTIAL
 - AREA OF BUILDABLE LOTS: 0.793 AC.
 - AREA OF OPEN SPACE LOTS: 0.294 AC.
 - LIMIT OF DISTURBED AREA: 0.748 AC. OR 69% OF GROSS AREA
 - CUT: 975 CY FILL: 975 CY
- PROJECT BACKGROUND:
 - LOCATION: COLUMBIA, MD.; TAX MAP 37, BLOCK 14, PARCEL 760
 - ZONING: R-SC
 - SUBDIVISION: WOODCREST II
 - SECTION/AREA: 1/1
 - SITE AREA: 1.087 AC.
 - DP# REFERENCES: F-08-044 / S-03-15 / MDR PLAT# 1998A, F-89-014, WOODCREST, F-90-045, F-02-054 & WP-02-120, EMA'S MANOR, WP-07-121.
- THE CONTRACTOR SHALL NOTIFY THE DEPARTMENT OF PUBLIC WORKS/BUREAU OF ENGINEERING/CONSTRUCTION INSPECTION DIVISION AT (410) 313-1180 AT LEAST FIVE (5) WORKING DAYS PRIOR TO START OF WORK.
- ANY DAMAGE TO PUBLIC RIGHT-OF-WAYS, PAVING, OR EXISTING UTILITIES WILL BE CORRECTED AT THE CONTRACTOR'S EXPENSE.
- EXISTING UTILITIES LOCATED FROM ROAD CONSTRUCTION PLANS, FIELD SURVEYS, PUBLIC WATER AND SEWER EXTENSION PLANS AND AVAILABLE RECORD DRAWINGS: APPROXIMATE LOCATION OF EXISTING UTILITIES ARE SHOWN FOR THE CONTRACTORS INFORMATION. CONTRACTOR SHALL LOCATE EXISTING UTILITIES WELL IN ADVANCE OF CONSTRUCTION ACTIVITIES AND TAKE ALL NECESSARY PRECAUTIONS TO PROTECT THE EXISTING UTILITIES AND TO MAINTAIN UNINTERRUPTED SERVICE. ANY DAMAGE INCURRED DUE TO CONTRACTOR'S OPERATION SHALL BE REPAIRED IMMEDIATELY AT THE CONTRACTOR'S EXPENSE.
- ALL REINFORCED CONCRETE FOR STORM DRAIN STRUCTURES SHALL HAVE A MINIMUM OF 28 DAYS STRENGTH OF 3,500 P.S.I.
- TRAFFIC CONTROL DEVICES, MARKINGS AND SIGNING SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
- ESTIMATES OF EARTHWORK QUANTITIES ARE PROVIDED SOLELY FOR THE PURPOSE OF CALCULATING FEES.
- SOIL COMPACTION SPECIFICATIONS, REQUIREMENTS, METHODS AND MATERIALS ARE TO BE IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE PROJECT GEOTECHNICAL ENGINEER, GEOTECHNICAL ENGINEER TO CONFIRM ACCEPTABILITY OF PROPOSED PAVING SECTION, BASED ON SOIL TEST PRIOR TO CONSTRUCTION.
- THE EXISTING TOPOGRAPHY IS TAKEN FROM FIELD RUN SURVEY WITH TWO FOOT CONTOUR INTERVALS PREPARED BY ROBERT H. VOGEL ENGINEERING, DATED JUNE 2007. THE COORDINATES SHOWN HEREON ARE BASED UPON NAD 83 THE HOWARD COUNTY GEODETIC CONTROL WHICH IS BASED UPON THE MARYLAND STATE PLANE COORDINATE SYSTEM.
- A NOISE STUDY IS NOT REQUIRED FOR THIS PROJECT.
- ALL PAVING TO BE MINIMUM HOWARD COUNTY STANDARD DETAIL P-2 UNLESS OTHERWISE NOTED. THE GEOTECHNICAL ENGINEER TO CONFIRM PAVING SECTION PRIOR TO CONSTRUCTION.
- PUBLIC WATER AVAILABLE THROUGH CONTRACT 14-4528-D.
- PUBLIC SEWER AVAILABLE THROUGH CONTRACT 14-4528-D.
- STORMWATER MANAGEMENT QUANTITY AND QUALITY IS PROVIDED PER THIS PLAN.
- THE FOREST CONSERVATION OBLIGATION OF 0.66 ACRES OF REFORESTATION FOR THE RESUBDIVISION OF WOODCREST II HAS BEEN MET BY THE FEE-IN-LIEU PAYMENT OF \$21,562.50 (28,750 SF @ \$0.75/SF) THAT WAS MADE TO THE HOWARD COUNTY FOREST CONSERVATION FUND, PER F-08-044, WOODCREST II.
- LANDSCAPING FOR THIS PROJECT IS BEING PROVIDED BY THIS PLAN.
- ANY EXISTING STREET TREES DAMAGED OR DESTROYED DURING CONSTRUCTION WILL BE REPLACED BY THE CONTRACTOR.
- THERE ARE NO STEEP SLOPES GREATER THAN 20,000 SF OF CONTIGUOUS AREA LOCATED ON THIS PROPERTY.
- ALL STORMDRAIN PIPE BEDDING TO BE IN ACCORDANCE WITH THE CURRENT HOWARD COUNTY STANDARDS AND SPECIFICATIONS.
- BUILDING TO HAVE WATER METER SET AT PROPERTY LINE.
- THIS PLAN IS SUBJECT TO THE AMENDED FIFTH EDITION OF THE SUBDIVISION AND LAND DEVELOPMENT REGULATIONS.
- SUBJECT PROPERTY ZONED R-SC PER THE 2-2-04 COMPREHENSIVE ZONING PLAN AND THE "COMP LITE" ZONING AMENDMENTS EFFECTIVE 7/28/06.
- NO GRADING, REMOVAL OF VEGETATIVE COVER OR TREES, PAVING AND NEW STRUCTURES SHALL BE PERMITTED WITHIN THE REQUIRED WETLANDS, STREAMS OR THEIR BUFFERS.
- WETLAND DELINEATION WAS TAKEN FROM F-08-044 BY FSH ASSOCIATES.
- THERE IS NO FLOODPLAIN LOCATED ON SITE.
- LANDSCAPE FOR THIS PROJECT IS PROVIDED, PER THIS PLAN, A FINANCIAL SURETY FOR THE REQUIRED LANDSCAPING WILL BE POSTED AS PART OF THE GRADING PERMIT IN THE AMOUNT OF \$4,200.00 (3 SHADE TREES AND 22 EVERGREEN TREES).
- FOREST CONSERVATION FOR THIS SITE WAS PROVIDED, PER THIS PLAN, THE TOTAL FOREST CONSERVATION OBLIGATION FOR THE SITE IS 0.66 ACRES WHICH WILL BE MET WITH A FEE-IN-LIEU PAYMENT OF \$21,562.50 (28,750 SF @ \$0.75/SF).
- COORDINATES BASED ON NAD 83, MARYLAND COORDINATE SYSTEM AS PROJECTED BY HOWARD COUNTY, GEODETIC CONTROL STATIONS NO. 379A AND NO. 0048, DENOTES APPROXIMATE LOCATION (SEE LOCATION MAP). HOWARD COUNTY BENCHMARK 379A
N 556,446.3947 E 1373,465.9485 ELEV. 283.747
HOWARD COUNTY BENCHMARK 0048
N 557,526.3456 E 1370,661.9895 ELEV. 348.034
- THIS TOPOGRAPHY IS BASED ON A FIELD SURVEY PERFORMED ON OR ABOUT FEBRUARY 21, 2007 BY FSH ASSOCIATES, INC.
- PROPERTY IS SUBJECT WP-07-121. ON JULY 5, 2007 THE PLANNING DIRECTOR APPROVED A WAIVER FROM SECTION 16.121(a)(3)(ii) TO PERMIT NARROW STRIPS OF OPEN SPACE LESS THAN 35 FEET IN WIDTH TO BE CONSIDERED CREDITED OPEN SPACE, SUBJECT TO THE FOLLOWING CONDITIONS:
 - THE WETLANDS BUFFER SHALL BECOME AN OPEN SPACE DEDICATED TO HOWARD COUNTY.
 - A PUBLIC ACCESS EASEMENT TO OPEN SPACE LOT 2 FROM PUBLIC ROAD EMA COURT SHALL BE PROVIDED ACROSS PROPOSED LOTS 1,3,4, AND 5.
 - OPEN SPACE AND FOREST CONSERVATION REQUIREMENTS SHALL BE BASED ON THE ACREAGE OF NON-BUILDABLE PARCEL 'B' RECORDED IN PLAT# 16263.
- THIS PROPERTY IS SUBJECT TO WP-02-120, ON JULY 30, 2002 THE PLANNING DIRECTOR APPROVED A WAIVER FROM SECTIONS 16.144(c) AND (d), 16.145 AND 16.146 REQUIRING A SKETCH AND PRELIMINARY PLANS BE SUBMITTED FOR THE PROPOSED ADDITION OF LAND (P/O PARCEL 125) TO A MAJOR SUBDIVISION (F-02-54 EMA'S MANOR) AND SECTION 16.121(a)(i) TO PERMIT THE REQUIRED ROAD PUBLIC FRONTAGE FOR OPEN SPACE TO BE REDUCED TO 20' FOR OPEN SPACE LOT 2, WOODCREST, SECTION II WITHOUT REQUIRING THE ADJACENT SIDE BIRLS ON ADJACENT LOTS TO BE INCREASED 10 FEET AND ZERO FEET FOR THE TWO PROPOSED OPEN SPACE PARCELS, SHOWN AS LOTS 10 & 11.
- SHC ELEVATIONS SHOWN ARE LOCATED AT THE PROPERTY LINE.
- FOR DRIVEWAY ENTRANCE DETAILS REFER TO THE HOWARD COUNTY DESIGN MANUAL, VOLUME IV, STANDARD DETAIL R-6.06.
- A PRIVATE RANGE OF ADDRESS SIGN ASSEMBLY SHALL BE FABRICATED AND INSTALLED BY HOWARD COUNTY BUREAU OF HIGHWAYS DEVELOPERS/ OWNERS EXPENSE. CONTACT HOWARD COUNTY TRAFFIC DIVISION AT 410-313-5752 FOR DETAILS AND COST ESTIMATES.
- PLAN OF THE SUBDIVISION SHOWN HEREON IS SUBJECT TO A WAIVER FROM THE REQUIREMENTS OF SECTION 16.132 (a)(3)(b) TO CONSTRUCT IMPROVEMENTS TO A MAJOR COLLECTOR ROAD SPECIFICALLY INTERSECTION OF EMA'S COURT, REFERENCE FILE NO. WP-02-62 APPROVED MARCH 4, 2002.

SITE DEVELOPMENT PLAN

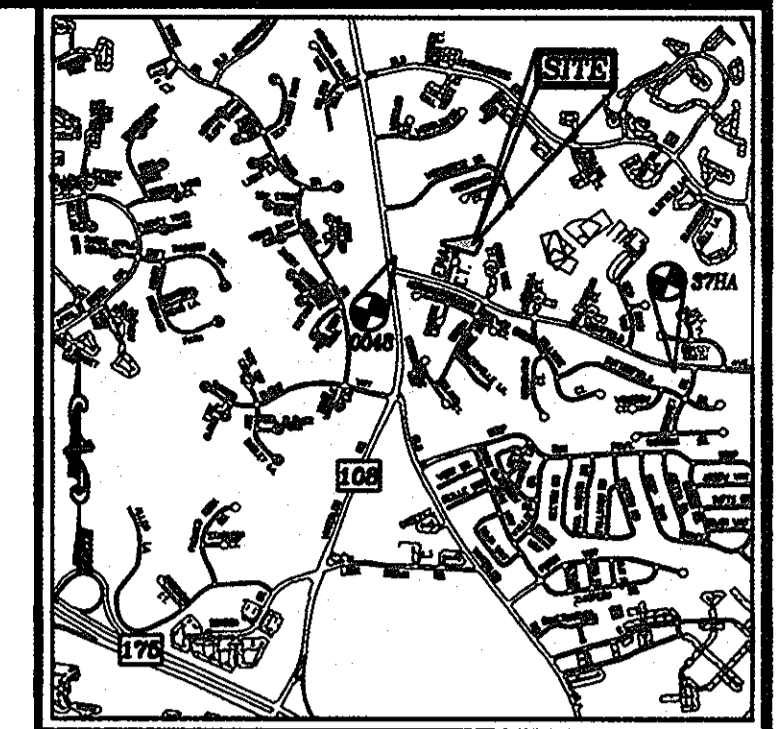
WOODCREST II

LOTS 1,3,4, AND 5, OPEN SPACE LOTS 2 AND 6



BENCHMARKS

HOWARD COUNTY BENCHMARK 379A
N 556,446.3947 E 1373,465.9485 ELEV. 283.747
HOWARD COUNTY BENCHMARK 0048
N 557,526.3456 E 1370,661.9895 ELEV. 348.034



VICINITY MAP
SCALE: 1"=2000'
ADC MAP 4936, D9

LEGEND

- EXISTING CONTOUR: - - - - - 382
- PROPOSED CONTOUR: - - - - - 382
- EXISTING SPOT ELEVATION: + 382.56
- PROPOSED SPOT ELEVATION: + 382.53
- DIRECTION OF FLOW: ————>
- EXISTING TREES TO REMAIN: [Tree symbol]
- LIGHT POLES: * SINGLE OVERHEAD * DOUBLE OVERHEAD
- CONCRETE: [Stippled pattern]
- LIMIT OF WETLAND: [Dashed line]
- WETLAND BUFFER: [Dotted line]

SHEET INDEX

DESCRIPTION	SHEET NO
COVER SHEET	1 of 4
LAYOUT PLAN	2 of 4
GRADING, SEDIMENT AND EROSION CONTROL PLAN	3 of 4
SEDIMENT CONTROL NOTES AND DETAILS, HOUSE FOOTPRINT PLAN	4 of 4

ADDRESS CHART

LOT/PARCEL#	STREET ADDRESS
1	6339 EMA COURT
3	6342 EMA COURT
4	6338 EMA COURT
5	6334 EMA COURT

PERMIT INFORMATION CHART

SUBDIVISION NAME	SECTION/AREA	LOT NUMBERS			
WOODCREST II		1 - 5			
PLAT# OR L/F	BLOCK NO.	ZONING	TAX MAP NO.	ELECT. DIST.	CENSUS TR.
1998A	14	R-SC	37	1 ST	6011.02

OWNER/DEVELOPER

DORSEY FAMILY PROPERTY
BEVERLY S. LITTLE
10717-B BIRMINGHAM WAY
WOODSTOCK, MD 21163
(410) 465-7200

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

[Signature] 8/6/10
CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

[Signature] 8/9/10
CHIEF, DIVISION OF LAND DEVELOPMENT DATE

[Signature] 8/10/10
DIRECTOR DATE

NO.	REVISION	DATE

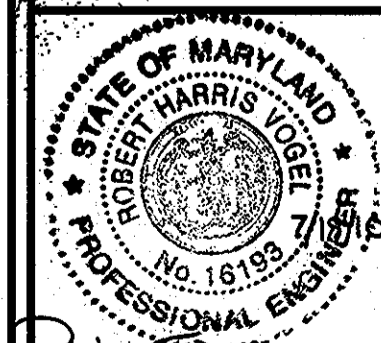
SITE DEVELOPMENT PLAN

COVER SHEET

WOODCREST II
LOTS 1,3,4, AND 5, OPEN SPACE LOTS 2 AND 6

TAX MAP 37 BLOCK 14 PARCEL 760
1ST ELECTION DISTRICT HOWARD COUNTY, MARYLAND

ROBERT H. VOGEL ENGINEERING, INC.
ENGINEERS • SURVEYORS • PLANNERS
8407 MAIN STREET TEL: 410.461.7666
ELICOTT CITY, MD 21043 FAX: 410.461.8961

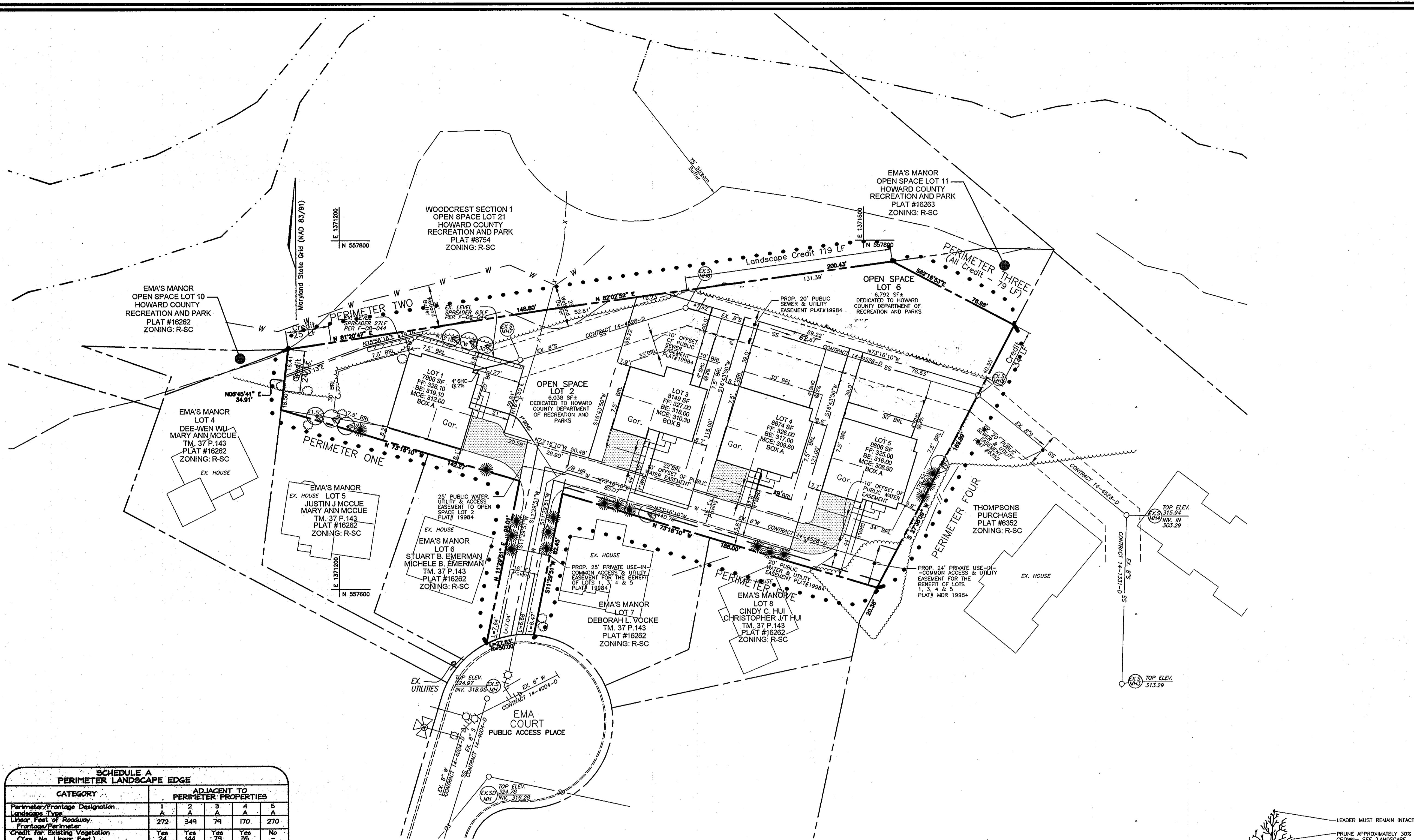


DESIGN BY: JTD
DRAWN BY: JTD
CHECKED BY: RHV
DATE: JULY, 2010
SCALE: 1"=40'
W.O. NO.: 10-01

PROFESSIONAL CERTIFICATE
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. 16193, EXPIRATION DATE 08-27-2010

LEGEND:

=====	EXISTING CURB AND GUTTER
-----	PROPOSED CURB AND GUTTER
○	EXISTING UTILITY POLE
○	EXISTING LIGHT POLE
□	EXISTING MAILBOX
○	EXISTING SIGN
○	EXISTING SANITARY MANHOLE
S	EXISTING SANITARY LINE
○	EXISTING CLEANDIT
○	EXISTING FIRE HYDRANT
W	EXISTING WATER LINE
---	EXISTING TREETRINE (FIELD LOCATED)
○	PROPOSED VEGETATION (APPROXIMATE LOCATION)
---	EXISTING FENCE
---	PROPERTY LINE
---	LOT LINES
---	PROPOSED PAVING



SCHEDULE A PERIMETER LANDSCAPE EDGE

CATEGORY	ADJACENT TO PERIMETER PROPERTIES				
	1	2	3	4	5
Perimeter/Frontage Designation	A	A	A	A	A
Linear Feet of Roadway	272	349	79	170	270
Frontage/Perimeter (Yes, No, Linear Feet)	24	Yes	Yes	Yes	No
Credit for Existing Vegetation (Yes, No, Linear Feet)	248	205	0	135	270
Remaining Perimeter Length (Yes, No, Linear Feet)	No	No	No	No	No
Number of Plants Required	160	160	160	160	160
Shade Trees	0	3	0	0	0
Evergreen Trees	0	0	0	4	10
Number of Plants Provided	0	3	0	0	0
Shade Trees	0	0	0	0	0
Evergreen Trees	0	0	0	0	0
Other Trees (2:1 Substitution)	0	0	0	0	0
Shrubs (10:1 Substitution)	0	0	0	0	0
(Describe Plant Substitution Credits Below if needed)					

LANDSCAPE SCHEDULE

KEY	QUAN.	BOTANICAL/COMMON NAME	SIZE	NOTE
5		Hick 'opaca American Holly	6'-8'	B # B
17		Thuja occidentalis 'Techny' 'Techny' Eastern Arborvitae	5'-6'	B # B

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

CHIEF, DEVELOPMENT ENGINEERING DIVISION
[Signature] 8/10/10
 DATE

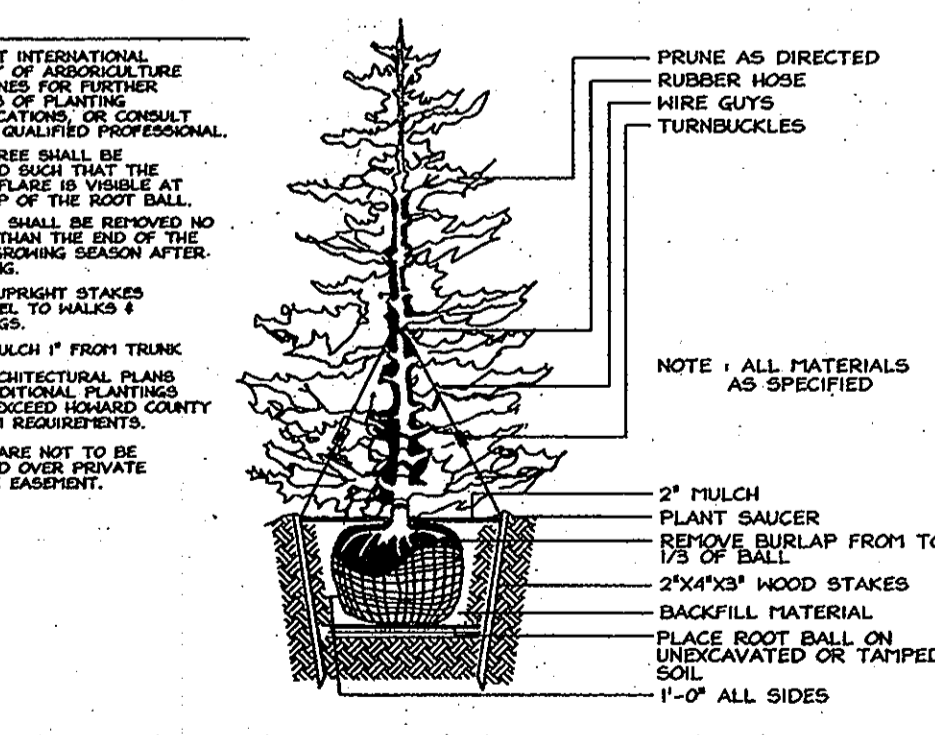
CHIEF, DIVISION OF LAND DEVELOPMENT
[Signature] 8/10/10
 DATE

DIRECTOR

DEVELOPER'S/BUILDER'S CERTIFICATE

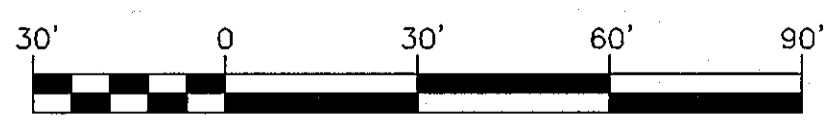
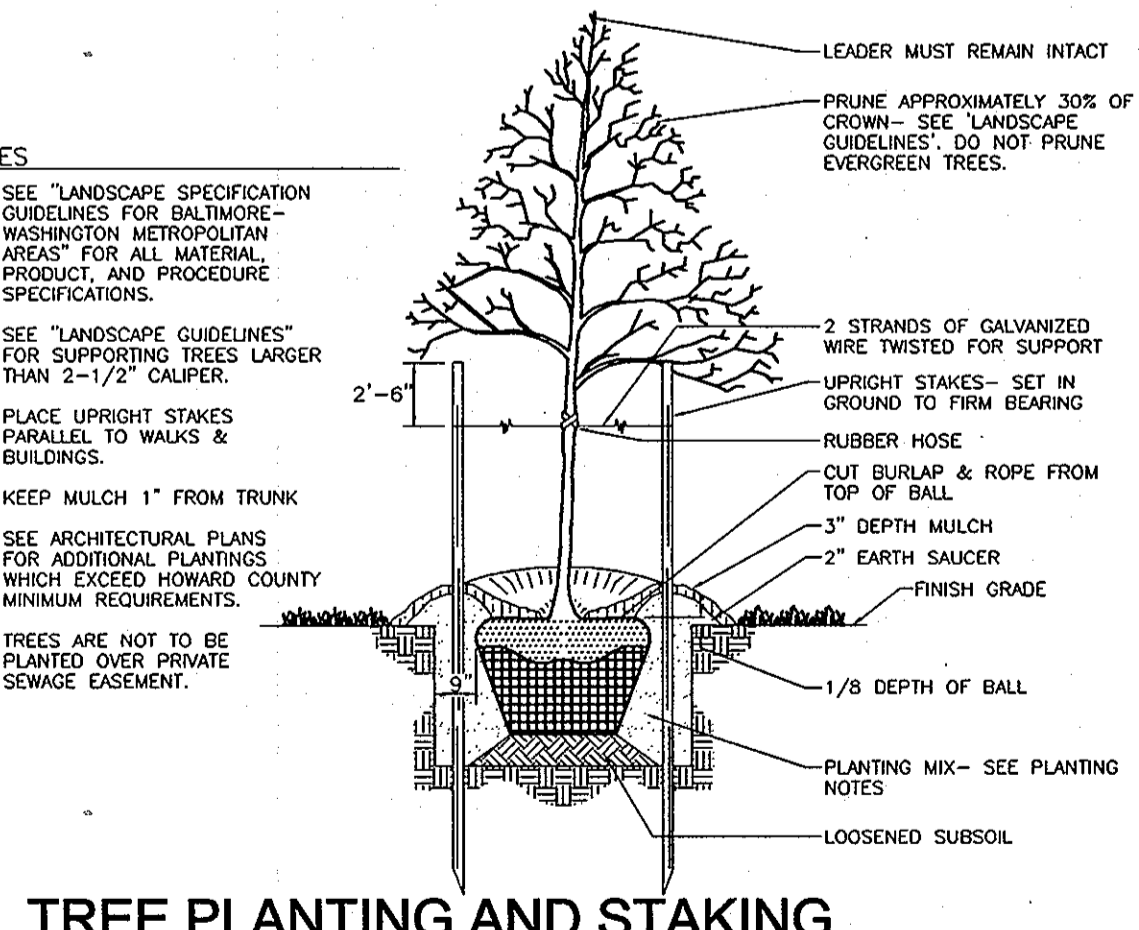
I/WE CERTIFY THAT THE LANDSCAPING SHOWN ON THIS PLAN WILL BE DONE ACCORDING TO THE PLAN, SECTION 16.124 OF THE HOWARD COUNTY CODE AND THE HOWARD COUNTY LANDSCAPE MANUAL. I/WE FURTHER CERTIFY THAT UPON COMPLETION, A CERTIFICATION OF LANDSCAPE INSTALLATION, ACCOMPANIED BY AN EXECUTED ONE (1) YEAR GUARANTEE OF PLANT MATERIALS, WILL BE SUBMITTED TO THE DEPARTMENT OF PLANNING AND ZONING.

[Signature] 7/10/10
 SIGNATURE OF DEVELOPER DATE



LANDSCAPE NOTES

- At the time of installation, all shrubs and other plantings hereunto listed and approved for this site, shall be of the proper height requirements in accordance with the Howard County Landscaping Manual. In addition, no substitutions or relocation of required plantings may be made without prior review and approval from the Department of Planning and Zoning. Any deviation from this approved Landscape Plan may result in denial or delay in the release of landscape surety until such time as all required materials are planted and/or revisions are made to applicable plans and certificates.
- The owner, tenant, and/or their agents shall be responsible for maintenance of the required landscaping, including both plant materials and berms, fences and walls. All plant materials shall be maintained in good growing condition, and when necessary, replaced with new materials to ensure continued compliance with applicable regulations. All other required landscaping shall be permanently maintained in good condition, and when necessary, repaired or replaced.
- Financial surety for the required landscaping will be posted as part of the Grading Permit in the amount of \$4,200.00 (3 shade trees @ \$300.00 and 22 evergreen trees @ \$150.00).



OWNER/DEVELOPER

DORSEY FAMILY PROPERTY
 BEVERLY J. LITTLE
 10717-B BIRMINGHAM WAY
 WOODSTOCK, MD 21163
 (410) 465-7200

NO.	REVISION	DATE
1	REMOVE LEVEL SPREADERS AT THE BACK OF THE HOUSES	11/15/01

SITE DEVELOPMENT PLAN LAYOUT PLAN
WOODCREST II
 LOTS 1,3,4, AND 5, OPEN SPACE LOTS 2 AND 6

TAX MAP 37 BLOCK 14
 1ST ELECTION DISTRICT

PARCEL 760
 HOWARD COUNTY, MARYLAND

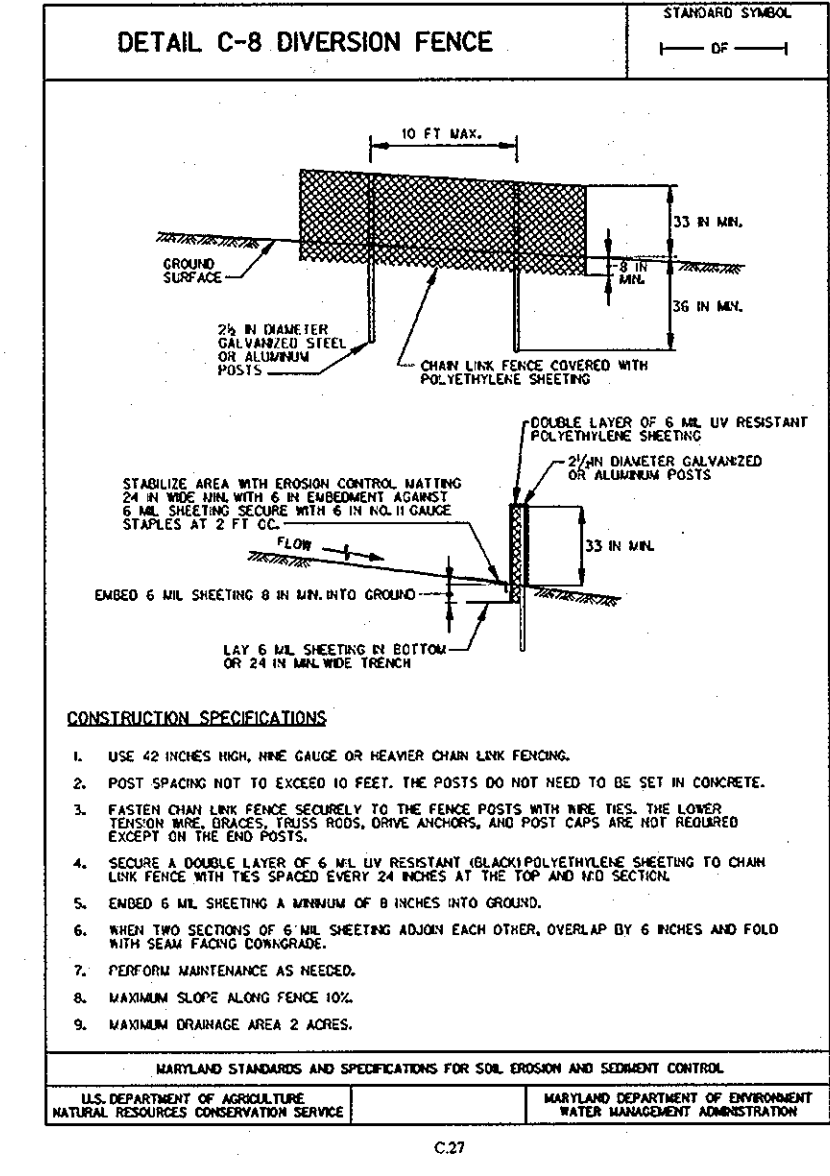
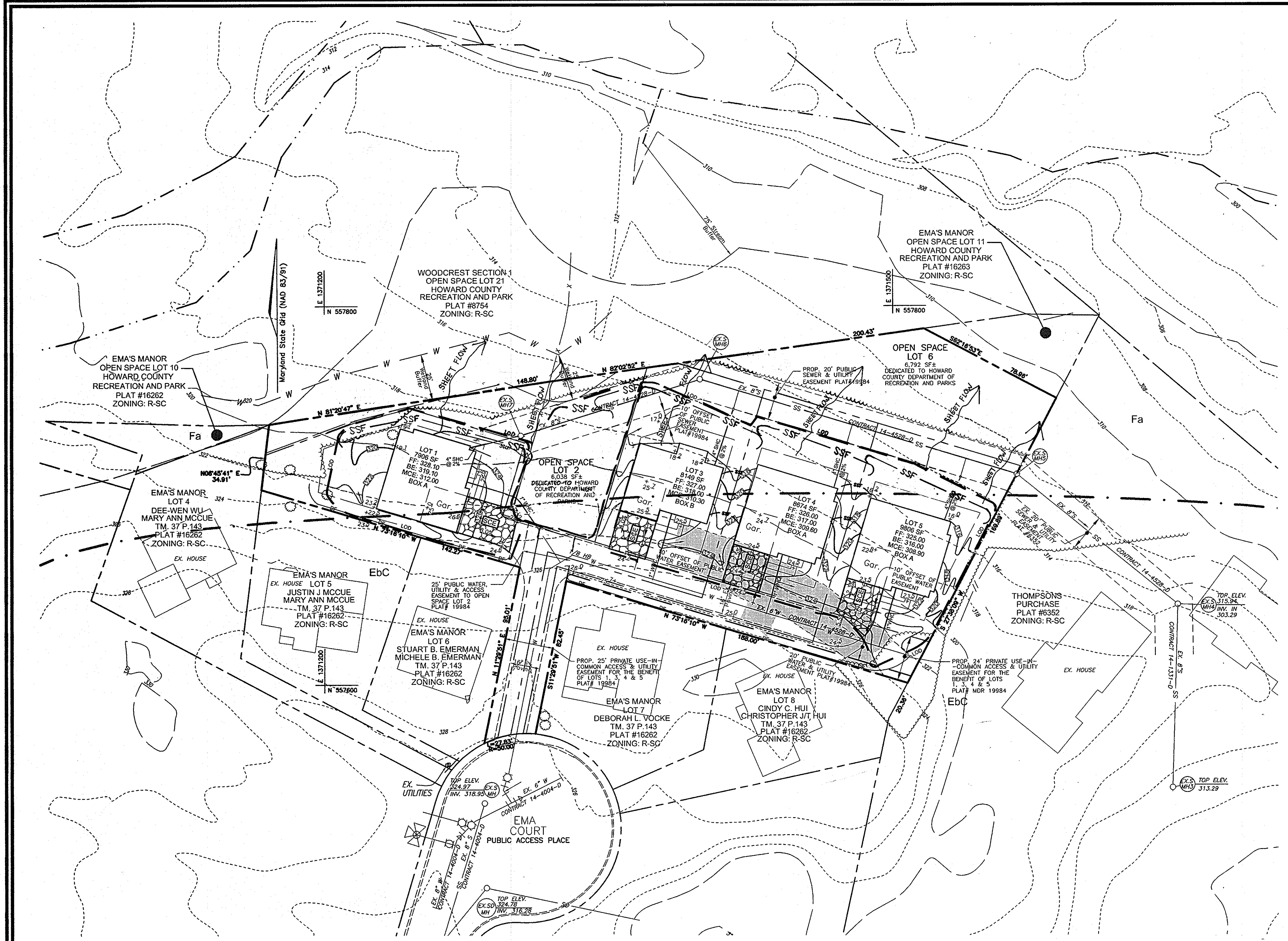
ROBERT H. VOGEL ENGINEERING, INC.
 ENGINEERS • SURVEYORS • PLANNERS
 8407 MAIN STREET
 ELLICOTT CITY, MD 21103
 TEL: 410.461.7666
 FAX: 410.461.8961

PROFESSIONAL CERTIFICATE

DESIGN BY: JTD
 DRAWN BY: JTD
 CHECKED BY: RHV
 DATE: JULY, 2010
 SCALE: 1"=30'
 W.O. NO.: 10-01

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. 18183 EXPIRATION DATE: 08-27-2010

2 SHEET OF 4



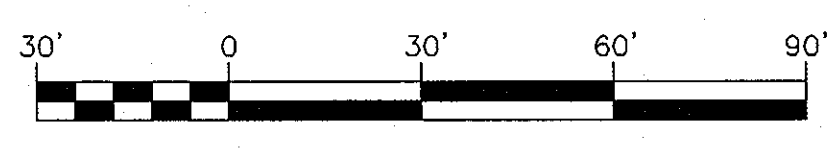
LEGEND:

- 500 --- EXISTING CONTOUR
- 402.8 --- PROPOSED CONTOUR
- + 402.8 --- PROPOSED SPOT ELEVATION
- 402.8 --- EXISTING SPOT ELEVATION
- ==== EXISTING CURB AND GUTTER
- ==== PROPOSED CURB AND GUTTER
- EXISTING UTILITY POLE
- EXISTING LIGHT POLE
- EXISTING MAILBOX
- EXISTING SIGN
- EXISTING SANITARY MANHOLE
- EXISTING SANITARY LINE
- EXISTING CLEANOUT
- EXISTING FIRE HYDRANT
- EXISTING WATER LINE
- EXISTING WREATHLINE (FIELD LOCATED)
- EXISTING FENCE
- PROPERTY LINE
- LOT LINES
- MIB2 --- SOILS BOUNDARY
- MID3 --- SOILS BOUNDARY
- MODERATE SLOPES (15% - 24.95%) ---
- SUPER SILT FENCE ---
- LIMIT OF DISTURBANCE ---
- STABILIZED CONSTRUCTION ENTRANCE ---
- DF --- DIVERSION FENCE

SOILS LEGEND

SYMBOL	NAME/DESCRIPTION	GROUP
EbC	EVESBORO LOAMY 2-10% SLOPES	A
Fa	FALLSINGTON SANDY LOAM, 0-2% SLOPES	D

- CONSTRUCTION SPECIFICATIONS**
- USE 42 INCHES HIGH, ONE GAUGE OR HEAVIER CHAIN LINK FENCING.
 - POST SPACING NOT TO EXCEED 10 FEET. THE POSTS DO NOT NEED TO BE SET IN CONCRETE.
 - FENCING OVER LINK FENCE SHOULD BE TO THE FENCE POSTS WITH ONE RICE THE LINKS. FENCING MUST BE STAPLED TO DRIVE ANCHORS, END POSTS ARE NOT REQUIRED EXCEPT ON THE END POSTS.
 - SECURE A DOUBLE LAYER OF 6 MIL IN RESISTANT POLYETHYLENE SHEETING TO CHAIN LINK FENCE WITH TWO SPACED EVERY 6 INCHES AT THE TOP AND MID SECTION.
 - ENDED 6 MIL SHEETING A MINIMUM OF 6 INCHES INTO GROUND.
 - WASH TWO SECTIONS OF 6 MIL SHEETING AGAIN EACH OTHER, OVERLAP BY 6 INCHES AND FOLD WITH SLAM FACING OUTWARD.
 - PERFORM MAINTENANCE AS NEEDED.
 - MAINTAIN SLOPE ALONG FENCE LINE.
 - MAINTAIN DRAINAGE AREA 2 ACRES.
- MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL
 U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SERVICE
 MARYLAND DEPARTMENT OF ENVIRONMENT AND WATER MANAGEMENT



NO.	REVISION	DATE
1	REMOVE LEVEL SPREADERS AT THE BACK OF THE HOUSES.	1/24/2011

**SITE DEVELOPMENT PLAN
 GRADING, SEDIMENT AND
 AND EROSION CONTROL PLAN
 WOODCREST II
 LOTS 1,3,4, AND 5, OPEN SPACE LOTS 2 AND 6**

TAX MAP 37 BLOCK 14 1ST ELECTION DISTRICT PARCEL 780 HOWARD COUNTY, MARYLAND

**ROBERT H. VOGEL
 ENGINEERING, INC.**
 ENGINEERS • SURVEYORS • PLANNERS
 8407 MAIN STREET ELLICOTT CITY, MD 21043 TEL: 410.461.7666 FAX: 410.461.8961

DESIGN BY: JTD
 DRAWN BY: JTD
 CHECKED BY: RHV
 DATE: JULY, 2010
 SCALE: 1"=30'
 W.O. NO.: 10-01

PROFESSIONAL CERTIFICATE
 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. 18193 EXPIRATION DATE 09-27-2010

3 SHEET OF 4

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

[Signature] 8/6/10
 CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

[Signature] 8/9/10
 CHIEF, DIVISION OF LAND DEVELOPMENT DATE

[Signature] 8/10/10
 DIRECTOR DATE

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.

[Signature] 8/4/10
 HOWARD S.C.D. DATE

BY THE DEVELOPER:

I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN FOR SEDIMENT AND EROSION CONTROL AND THAT ALL 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.

[Signature] 7/10/10
 SIGNATURE OF DEVELOPER DATE

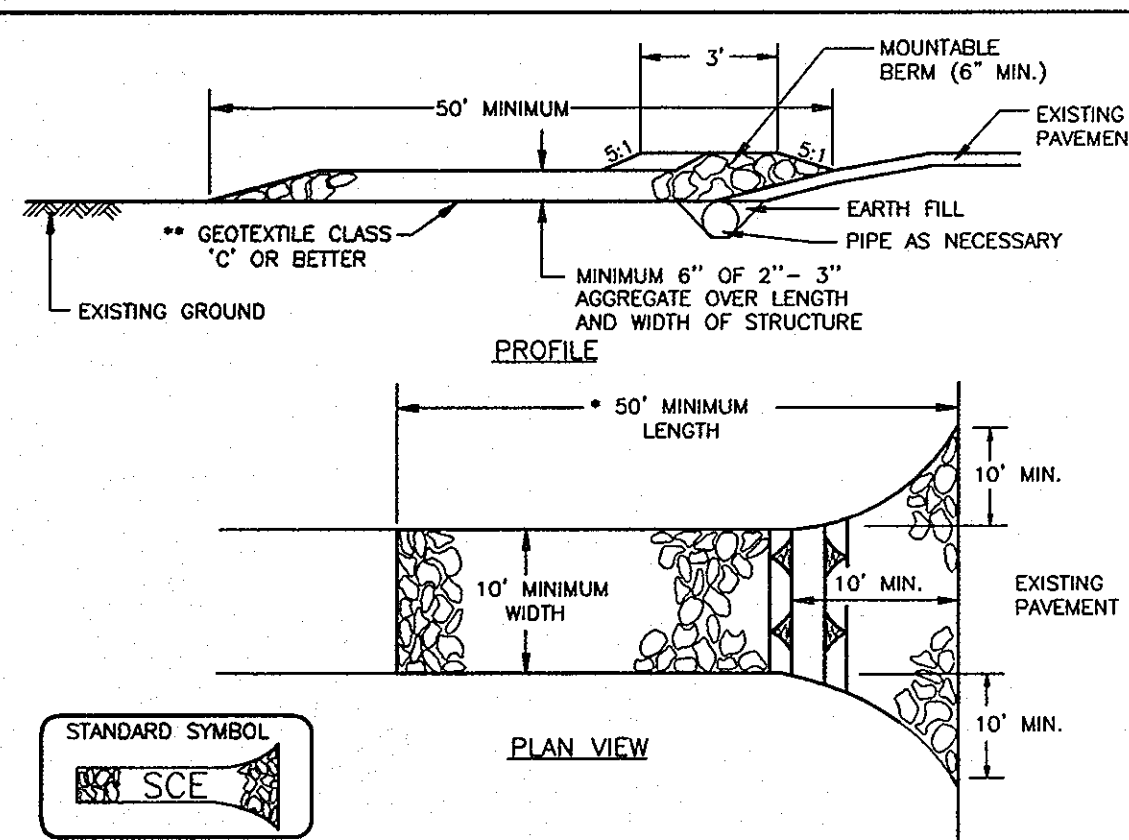
BY THE ENGINEER:

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

[Signature] 7/19/10
 SIGNATURE OF ENGINEER DATE

OWNER/DEVELOPER
 DORSEY FAMILY PROPERTY
 BEVERLY S. LITTLE
 10717-B BIRMINGHAM WAY
 WOODSTOCK, MD 21163
 (410) 465-7200

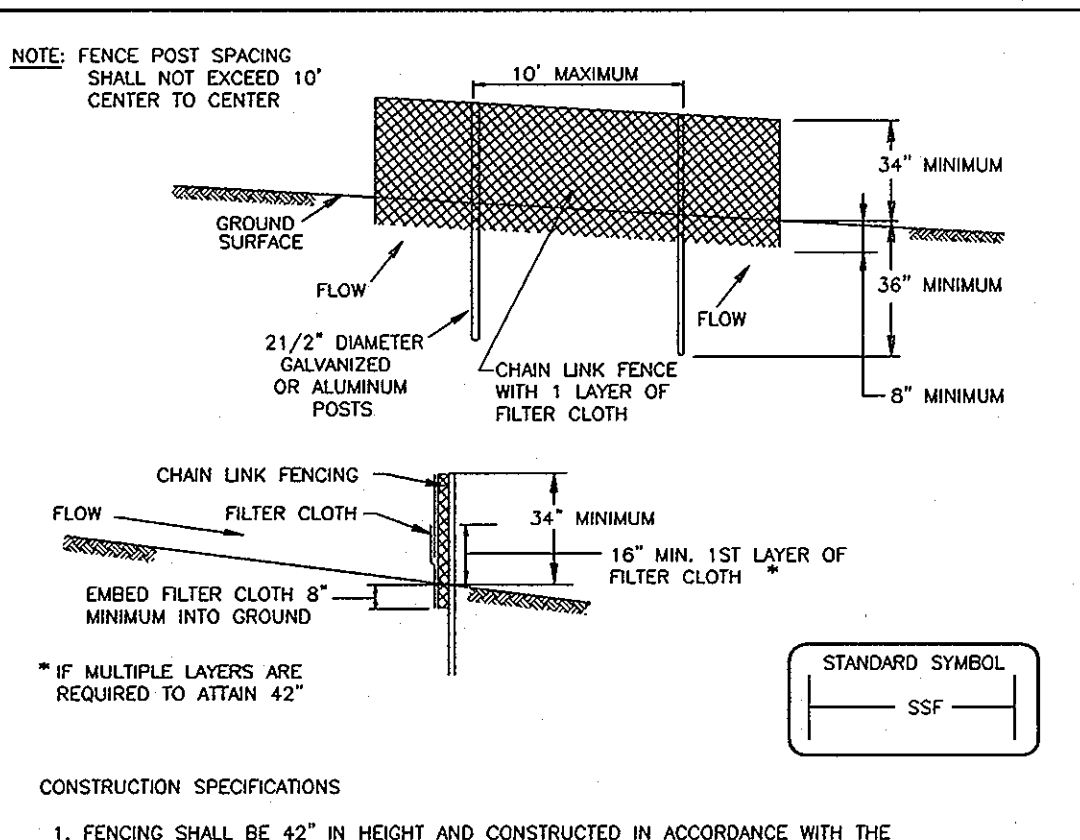
DETAIL 24 - STABILIZED CONSTRUCTION ENTRANCE



CONSTRUCTION SPECIFICATION

- LENGTH - MINIMUM OF 50' (+ 30' FOR A SINGLE RESIDENCE LOT).
- WIDTH - 10' MINIMUM, SHOULD BE FLARED AT THE EXISTING ROAD TO PROVIDE A TURNING RADIUS.
- 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.
- STONE - CRUSHED AGGREGATE (2\"/>

DETAIL 33 - SUPER SILT FENCE



CONSTRUCTION SPECIFICATIONS

- FENCING SHALL BE 42\"/>

21.0 STANDARDS AND SPECIFICATIONS FOR TOPSOIL

DEFINITION
TO PROVIDE A SUITABLE SOIL MEDIUM FOR VEGETABLE GROWTH, TO ESTABLISH PERMANENT VEGETATION.

PURPOSE
TO PROVIDE A SUITABLE SOIL MEDIUM FOR VEGETABLE GROWTH, TO ESTABLISH PERMANENT VEGETATION.

CONDITIONS WHERE PRACTICE APPLIES

- THIS PRACTICE IS LIMITED TO AREAS HAVING 2:1 OR FLATTER SLOPES WHERE:
 - THE TEXTURE OF THE EXPOSED SUBSOIL/PARENT MATERIAL IS NOT ADEQUATE TO PRODUCE VEGETABLE GROWTH.
 - THE SOIL MATERIAL IS SO SHALLOW THAT THE ROOTING ZONE IS NOT DEEP ENOUGH TO SUPPORT PLANTS OR FURNISH CONTINUING SUPPLIES OF MOISTURE AND PLANT NUTRIENTS.
 - THE ORIGINAL SOIL TO BE VEGETATED CONTAINS MATERIAL TOXIC TO PLANT GROWTH.
 - THE SOIL IS SO ACIDIC THAT TREATMENT WITH LIMESTONE IS NOT FEASIBLE.
- FOR THE PURPOSE OF THESE STANDARDS AND SPECIFICATIONS, AREAS HAVING SLOPES STEEPER THAN 2:1 REQUIRE SPECIAL CONSIDERATION AND DESIGN FOR ADEQUATE STABILIZATION. AREAS HAVING SLOPES STEEPER THAN 2:1 SHALL HAVE THE APPROPRIATE STABILIZATION SHOWN ON THE PLANS.

CONSTRUCTION AND MATERIAL SPECIFICATIONS

- TOPSOIL SALVAGED FROM THE EXISTING SITE MAY BE USED PROVIDED THAT IT MEETS THE STANDARDS AS SET FORTH IN THESE SPECIFICATIONS. TYPICALLY, THE DEPTH OF TOPSOIL TO BE SALVAGED FOR A GIVEN SOIL TYPE CAN BE FOUND IN THE REPRESENTATIVE SOIL PROFILE SECTION IN THE SOIL SURVEY PUBLISHED BY USDA-SCS IN COOPERATION WITH MARYLAND AGRICULTURAL EXPERIMENTAL STATION.
 - TOPSOIL SPECIFICATIONS - SOIL TO BE USED AS TOPSOIL MUST MEET THE FOLLOWING:
 - TOPSOIL SHALL BE A LOAM, SANDY LOAM, CLAY LOAM, SILT LOAM, SANDY CLAY LOAM, LOAMY SAND. OTHER SOILS MAY BE USED IF RECOMMENDED BY AN AGRONOMIST OR A SOIL SCIENTIST AND APPROVED BY THE APPROPRIATE APPROVAL AUTHORITY. REGARDLESS, TOPSOIL SHALL NOT BE A MIXTURE OF CONTRASTING TEXTURED SUBSOILS AND SHALL CONTAIN LESS THAN 5% BY VOLUME OF ONDERS, STONES, SLAG, COARSE FRAGMENTS, GRAVEL, STICKS, ROOTS, TRASH, OR OTHER MATERIALS LARGER THAN 1\"/>
 - TOPSOIL MUST BE FREE OF PLANTS OR PLANT PARTS SUCH AS BERMUDA GRASS, QUACKGRASS, JOHNSONGRASS, NUTSEDGE, POISON IVY, THISTLE, OR OTHERS AS SPECIFIED.
 - WHERE THE SUBSOIL IS EITHER HIGHLY ACIDIC OR COMPOSED OF HEAVY CLAYS, GROUND LIMESTONE SHALL BE SPREAD AT THE RATE OF 4-8 TONS/ACRE (200-400 POUNDS PER 1,000 SQUARE FEET) PRIOR TO THE PLACEMENT OF TOPSOIL. LIME SHALL BE DISTRIBUTED UNIFORMLY OVER DESIGNATED AREAS AND WORKED INTO THE SOIL IN CONJUNCTION WITH TILLAGE OPERATIONS AS DESCRIBED IN THE FOLLOWING PROCEDURES.
 - FOR SITES HAVING DISTURBED AREAS UNDER 5 ACRES:
 - PLACE TOPSOIL (IF REQUIRED) AND APPLY SOIL AMENDMENTS AS SPECIFIED IN 20.0 VEGETATIVE STABILIZATION - SECTION I - VEGETATIVE STABILIZATION METHODS AND MATERIALS.
 - FOR SITES HAVING DISTURBED AREAS OVER 5 ACRES:
 - ON SOIL MEETING TOPSOIL SPECIFICATIONS, OBTAIN TEST RESULTS DICTATING FERTILIZER AND LIME AMENDMENTS REQUIRED TO BRING THE SOIL INTO COMPLIANCE WITH THE FOLLOWING:
 - PH FOR TOPSOIL SHALL BE BETWEEN 6.0 AND 7.5. IF TESTED SOIL DEMONSTRATES A PH OF LESS THAN 6.0, SUFFICIENT LIME SHALL BE PRESCRIBED TO RAISE THE PH TO 6.5 OR HIGHER.
 - ORGANIC CONTENT OF TOPSOIL SHALL BE NOT LESS THAN 1.5 PERCENT BY WEIGHT.
 - TOPSOIL HAVING SOLUBLE SALT CONTENT GREATER THAN 500 PARTS PER MILLION SHALL NOT BE USED.
 - NO SOD OR SEED SHALL BE PLACED ON SOIL WHICH HAS BEEN TREATED WITH SOIL STERILANTS OR CHEMICALS USED FOR WEED CONTROL UNTIL SUFFICIENT TIME HAS ELAPSED (14 DAYS MIN.) TO PERMIT DISSIPATION OF PHYTO-TOXIC MATERIALS.
 - PLACE TOPSOIL (IF REQUIRED) AND APPLY SOIL AMENDMENTS SPECIFIED IN 20.0 VEGETATIVE STABILIZATION - SECTION I - VEGETATIVE STABILIZATION METHODS AND MATERIALS.
 - TOPSOIL APPLICATION
 - WHEN TOPSOILING, MAINTAIN NEEDED EROSION AND SEDIMENT CONTROL PRACTICES SUCH AS DIVERSIONS, GRADE STABILIZATION STRUCTURES, EARTH DIKES, SLOPE SILT FENCE AND SEDIMENT TRAPS AND BASINS.
 - GRADES ON THE AREAS TO BE TOPSOILED, WHICH HAVE BEEN PREVIOUSLY ESTABLISHED, SHALL BE MAINTAINED, ALBEIT 4\"/>
 - TOPSOIL SHALL BE UNIFORMLY DISTRIBUTED IN A 4\"/>
 - TOPSOIL SHALL NOT BE PLACED WHILE THE TOPSOIL OR SUBSOIL IS IN A FROZEN OR MUDDY CONDITION, WHEN THE SUBSOIL IS EXCESSIVELY WET OR IN A CONDITION THAT MAY OTHERWISE BE DETRIMENTAL TO PROPER GRADING AND SEEDBED PREPARATION.

PERMANENT SEEDING NOTES

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

SEEDBED PREPARATION: LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING, IF NOT PREVIOUSLY LOOSENED.

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

- PREFERRED-APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS./100 SQ.FT.) AND 600 LBS PER ACRE 10-10-10 FERTILIZER (14 LBS./1000 SQ.FT.) BEFORE SEEDING. HARROW OR DISC INTO UPPER THREE INCHES OF SOIL. AT THE TIME OF SEEDING APPLY 400 LBS. PER ACRE 30-0-0 UREAFORM FERTILIZER (9 LBS./1000 SQ.FT.)
- ACCEPTABLE-APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS./1000 SQ.FT.) AND APPLY 1000 LBS. PER ACRE 10-10-10 FERTILIZER (23 LBS./1000 SQ.FT.) BEFORE SEEDING. HARROW OR DISC 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./1000 SQ.FT.) OF KENTUCKY 31 TALL FESCUE. FOR THE PERIOD MAY 1 THRU JULY 31, SEED WITH 60 LBS. KENTUCKY 31 TALL FESCUE PER ACRE AND 2 LBS. PER ACRE (8 LBS./1000 SQ.FT.) OF WEEPING LOVEGRASS DURING THE PERIOD OCTOBER 16 THRU FEBRUARY 28. PROTECT SITE BY OPTION (1) 2 TONS PER ACRE WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING. OPTION (2) USE SOE. OPTION (3) SEED WITH 60 LBS./ACRE KENTUCKY 31 TALL FESCUE AND MULCH WITH 2 TONS/ACRE WELL ANCHORED STRAW.

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

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

TEMPORARY SEEDING NOTES

SEEDBED PREPARATION: LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING, IF NOT PREVIOUSLY LOOSENED.

SOIL AMENDMENTS: APPLY 600 LBS. PER ACRE 10-10-10 FERTILIZER (14 LBS./1000 SQ.FT.)

SEEDING: FOR PERIODS MARCH 1 THRU APRIL 30, AND FROM AUGUST 15 THRU NOVEMBER 15, SEED WITH 2 1/2 BUSHEL PER ACRE OF ANNUAL RYE (3.2 LBS./1000 SQ.FT.) FOR THE PERIOD MAY 1 THRU AUGUST 14, SEED WITH 3 LBS. PER ACRE OF WEEPING LOVEGRASS (0.7 LBS./1000 SQ.FT.). FOR THE PERIOD NOVEMBER 1 THRU FEBRUARY 28, PROTECT SITE BY APPLYING 2 TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING, OR USE SOE.

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

REFER TO THE 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR RATE AND METHODS NOT

SEQUENCE OF CONSTRUCTION

- OBTAIN GRADING PERMIT.
- NOTIFY HOWARD COUNTY BUREAU OF INSPECTIONS AND PERMITS (410-313-1850) AT LEAST 24 HOURS BEFORE STARTING ANY WORK.
- INSTALL SEDIMENT CONTROL MEASURES AS SHOWN ON PLAN AND IN ACCORDANCE WITH DETAILS. (5 DAYS)
- INSPECT SEDIMENT CONTROL MEASURES FROM F-08-044 TO REMAIN PER SOP. REPAIR AS NEEDED. (1 DAY)
- AFTER OBTAINING PERMISSION FROM THE SEDIMENT CONTROL INSPECTOR TO PROCEED, ROUGH GRADE SITE. (2 WEEKS)
- CONSTRUCT HOUSES. THE FIRST FLOOR ELEVATIONS CANNOT BE MORE THAN 1\"/>

NOTES

DURING GRADING AND AFTER EACH RAINFALL, THE CONTRACTOR SHALL INSPECT AND PROVIDE THE NECESSARY MAINTENANCE ON THE SEDIMENT AND EROSION CONTROL MEASURES SHOWN HEREON.

FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLIED WITH:

- 7 CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, DIKES, SWALES, DITCH PERIMETER SLOPES AND ALL SLOPES GREATER THAN 3:1.
- 14 CALENDAR DAYS FOR ALL OTHER DISTURBED AREAS.

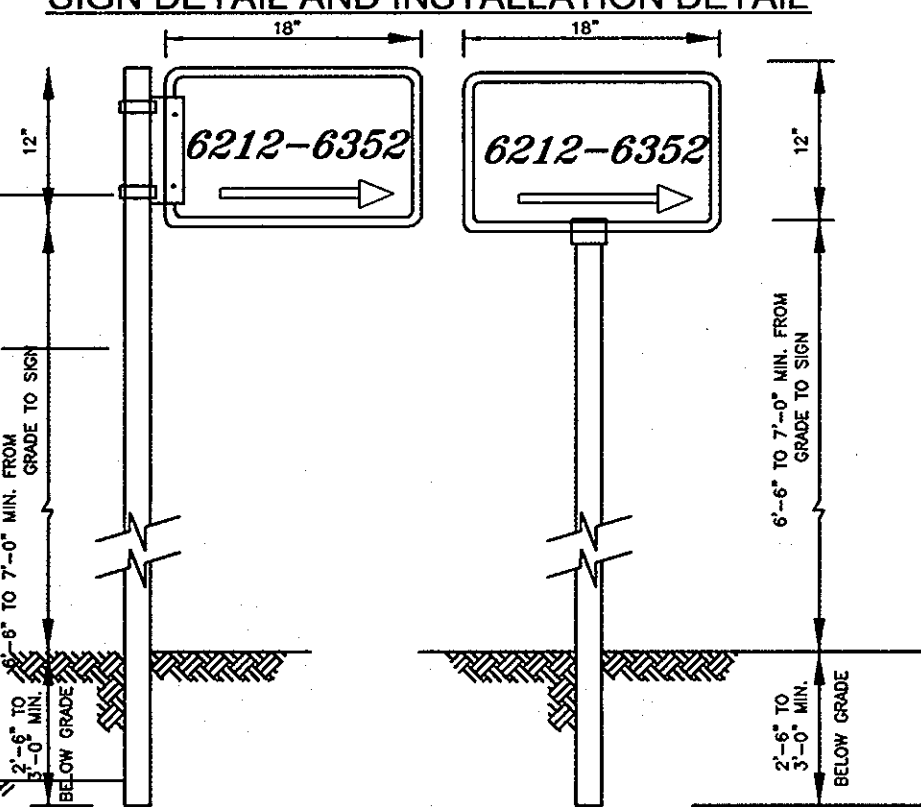
SEDIMENT CONTROL NOTES

- A MINIMUM OF 48 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY DEPT. OF INSPECTION, LICENSE AND PERMITS SEDIMENT CONTROL DIVISION PRIOR TO THE START OF ANY CONSTRUCTION (313-1855).
 - ALL VEGETATION 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, AND REVISIONS THEREOF.
 - FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN: (A) 7 CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, DIKES, PERIMETER SLOPES, AND ALL SLOPES GREATER THAN 3:1, (B) 14 DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.
 - ALL SEDIMENT TRAPS/BASINS SHOWN MUST BE FENCED AND WARNING SIGNS POSTED AROUND THEIR PERIMETER IN ACCORDANCE WITH VOL. 1, CHAPTER 7, HOWARD COUNTY DESIGN MANUAL, STORM DRAINAGE.
 - 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 FOR PERMANENT SEEDING, SOE, TEMPORARY SEEDING, AND MULCHING (SEC. G). TEMPORARY STABILIZATION WITH MULCH ALONE SHALL BE DONE WHEN RECOMMENDED SEEDING DATES DO NOT ALLOW FOR PROPER GERMINATION AND ESTABLISHMENT OF GRASSES.
 - 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. SITE ANALYSIS:**
- | | | |
|------------------------------------|------------|----------|
| TOTAL AREA | TRACT AREA | 1.087 AC |
| AREA DISTURBED | | 0.748 AC |
| AREA TO BE ROOFED OR PAVED | | 0.225 AC |
| AREA TO BE VEGETATIVELY STABILIZED | | 0.523 AC |
| TOTAL CUT | | 37.2 CY |
| TOTAL FILL | | 37.2 CY |
- OFFSITE WASTE/BORROW AREA LOCATION
- ANY SEDIMENT CONTROL PRACTICE WHICH IS DISTURBED BY GRADING ACTIVITY FOR PLACEMENT OF UTILITIES MUST BE REPAIRED ON THE SAME DAY OF DISTURBANCE.
 - ADDITIONAL SEDIMENT CONTROLS MUST BE PROVIDED, IF DEEMED NECESSARY BY THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.
 - ON ALL SITES WITH DISTURBED AREAS IN EXCESS OF 2 ACRES, APPROVAL OF THE INSPECTION AGENCY SHALL BE REQUESTED UPON COMPLETION OF INSTALLATION OF PERIMETER EROSION AND SEDIMENT CONTROLS, BUT BEFORE PROCEEDING WITH ANY OTHER EARTH DISTURBANCE OR GRADING, OTHER BUILDING OR GRADING INSPECTION APPROVALS MAY NOT BE AUTHORIZED UNTIL THIS INITIAL APPROVAL OF THE INSPECTION AGENCY IS MADE.
 - TRENCHES FOR THE CONSTRUCTION OF UTILITIES IS LIMITED TO THREE PIPE LENGTHS OR THAT WHICH SHALL BE BACK-FILLED AND STABILIZED WITHIN ONE WORKING DAY, WHICHEVER IS SHORTER.
 - TO BE DETERMINED BY CONTRACTOR, WITH PRE-APPROVAL OF THE SEDIMENT CONTROL INSPECTOR WITH AN APPROVED AND ACTIVE GRADING PERMIT

ALL SIGN POSTS USED FOR TRAFFIC CONTROL SIGNS INSTALLED FOR THIS PROJECT SHALL BE MOUNTED ON A 2\"/>

SQUARE TUBE POST (14 GAUGE) INSERTED INTO A 2-1/2\"/>

SIGN DETAIL AND INSTALLATION DETAIL



ALL SIGN POST USED FOR TRAFFIC CONTROL SIGNS INSTALLED ON PRIVATE ROADS SHALL BE MOUNTED ON A 2\"/>

INSERTED INTO A 2-1/2\"/>

FOR THE SIGN PLACEMENT IN THE PUBLIC ROAD, SIGN SHALL BE FABRICATED IN THE COUNTY SIGN SHOP AT THE EXPENSE OF THE DEVELOPER.

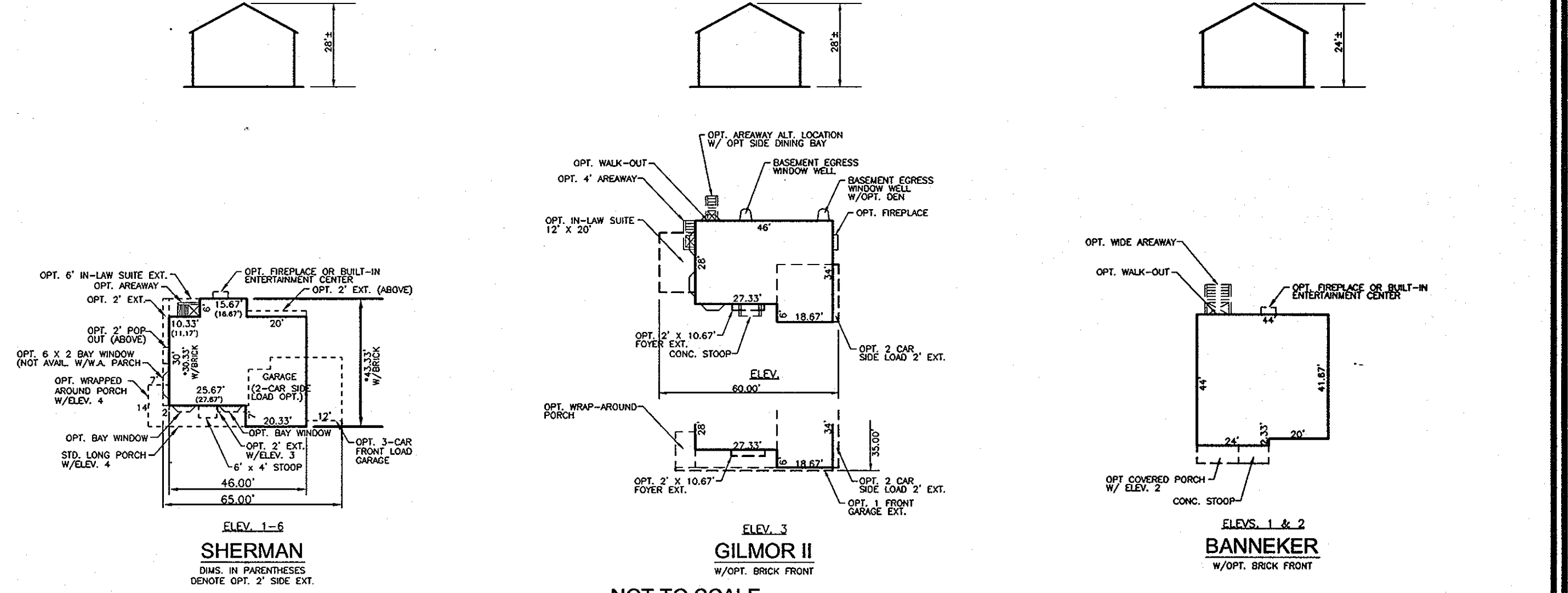
WOODCREST II HOUSE TYPE MATRIX

BOX A HOUSE MODELS	BANNEKER BASE	GILMOR BASE	SHERMAN BASE
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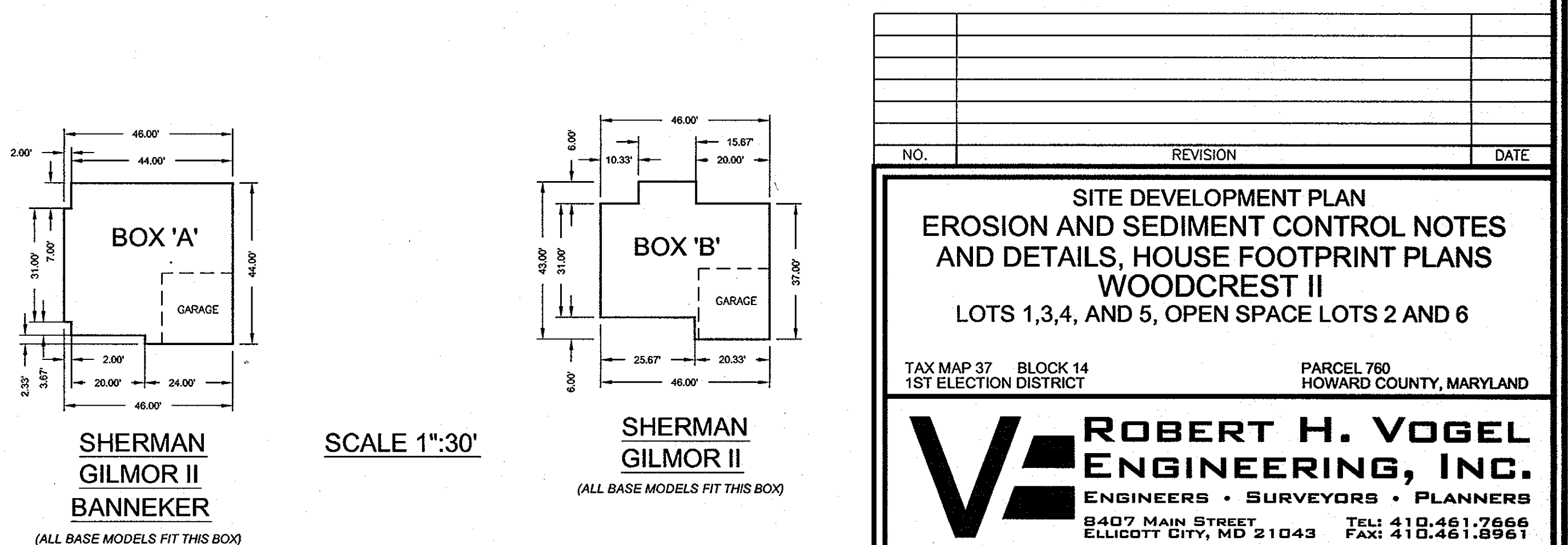
BOX B HOUSE MODELS	GILMOR BASE	SHERMAN BASE
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HOUSE MODEL OPTIONS AVAILABLE

OPTIONS	Lot #1	Lot #3	Lot #4	Lot #5
BANNEKER				
PATIO DOOR	Y	N	Y	Y
GARAGE SERVICE DOOR	Y	N	Y	Y
LIBRARY	Y	N	Y	Y
FULL BATH	Y	N	Y	Y
FIREPLACE	Y	N	Y	Y
GILMOR II				
2x10 Foyer EXT	Y	Y	Y	Y
1' FRONT GARAGE EXT	Y	Y	Y	Y
BASEMENT EGRESS WINDOW WELL	Y	Y	Y	Y
AREAWAY ALT (BACK) W/ SIDE DINING BAY	Y	Y	Y	Y
WRAP AROUND PORCH	N	N	N	N
IN-LAW SUITE	N	N	N	N
4' SIDE AREAWAY	N	N	N	N
2' SIDELOAD GARAGE EXT.	N	N	N	N
SHERMAN				
OPTIONS	Lot #1	Lot #3	Lot #4	Lot #5
BAY WINDOW FRONT	Y	Y	Y	Y
2' EXT W/ ELEV 3	Y	Y	Y	Y
3 CAR FRONT LOAD GARAGE	N	N	N	N
WRAP AROUND PORCH	N	N	N	N
2' SIDE POP OUT	N	N	N	N
6' IN-LAW SUITE EXT	Y	Y	Y	Y
FIREPLACE OR BUILT IN ENTERTAINMENT CENTER	Y	Y	Y	Y
2' EXTENSION (BACK OF HSE)	Y	Y	Y	Y



NOT TO SCALE



SCALE 1\"/>

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

CHIEF, DEVELOPMENT ENGINEERING DIVISION
[Signature] DATE: 8/16/10

CHIEF, DIVISION OF LAND DEVELOPMENT
[Signature] DATE: 8/16/10

DIRECTOR
[Signature] DATE: 8/16/10

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.

HOWARD S.C.D.
[Signature] DATE: 8/16/10

BY THE DEVELOPER:

I HEREBY CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN FOR SEDIMENT AND EROSION CONTROL AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF THE SITE CONDITIONS, AND THAT I WAS PRESENT AT A DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERMITS FOR ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT.

[Signature] DATE: 7/10/10

BY THE ENGINEER:

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

[Signature] DATE: 7/10/10

OWNER/DEVELOPER

DORSEY FAMILY PROPERTY
BEVERLY LITTLE
10717-B BIRMINGHAM WAY
WOODSTOCK, MD 21163
(410) 465-7200

SITE DEVELOPMENT PLAN
EROSION AND SEDIMENT CONTROL NOTES AND DETAILS, HOUSE FOOTPRINT PLANS
WOODCREST II
LOTS 1,3,4, AND 5, OPEN SPACE LOTS 2 AND 6

TAX MAP 37 BLOCK 14
1ST ELECTION DISTRICT

PARCEL 760
HOWARD COUNTY, MARYLAND

ROBERT H. VOGEL ENGINEERING, INC.
ENGINEERS • SURVEYORS • PLANNERS
8407 MAIN STREET
ELICOTT CITY, MD 21043
TELE: 410.461.7666
FAX: 410.461.8961

DESIGN BY: JTD
DRAWN BY: JTD
CHECKED BY: RHW
DATE: JULY, 2010
SCALE: AS SHOWN
W.O. NO.: 10-01

PROFESSIONAL CERTIFICATE
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DAILY LICENSED PROFESSIONAL ENGINEER IN THE STATE OF MARYLAND, LICENSE NO. 16193 EXPIRATION DATE: 08-27-2010

4 SHEET OF 4