



**BENCH MARKS (NAD'83)**

HO. CO. No. 21E2 STAMPED BRASS DISK SET ON TOP OF CONCRETE (3" DEEP) COLUMN. RT. 97 0.15 NORTH OF BRENTWOODS ROAD	ELEV. 476.017
N 583065.326	E 1,300,868.44
HO. CO. No. 21E3 STAMPED BRASS DISK SET ON TOP OF CONCRETE (3" DEEP) COLUMN. RT. 97 3/4 MI. SOUTH OF BRENTWOODS ROAD	ELEV. 515.164
N 584559.494	E 1,302,074.54

**SITE VICINITY MAP**  
SCALE: 1" = 2000'

**LEGEND**

SOILS CLASSIFICATION  
SOILS DELINEATION  
EXISTING CONTOURS (HOWARD COUNTY DIGITAL)  
LIMIT OF WETLANDS  
EXISTING WOODS LINE  
EXISTING STRUCTURE  
PROPOSED STRUCTURE  
EXISTING WELL FIELD SHOT  
EXISTING SEPTIC FIELD  
PROPOSED SEPTIC FIELD  
1500 S.F. WELL ZONE  
12' FILTER STRIP

**SWM SUMMARY TABLE  
GENERAL STORAGE REQUIREMENTS**

REQUIREMENT	VOLUME REQUIRED (cc-ft)	NOTES
WATER QUALITY VOLUME (WQV) DA-1	0.0236 (1027 cf)	NEW IMPERVIOUS BEING CONVEYED IN GRASS CHANNELS. PER "ENVIRONMENTALLY SENSITIVE DEVELOPMENT CREDIT" NO STRUCTURAL METHODS ARE REQUIRED.
RECHARGE VOLUME (Rev)	0.0416 (267 cf) 0.16 acres	
CHANNEL PROTECTION VOLUME (CpV)	N/A	NOT REQUIRED
OVERBANK FLOOD PROTECTION VOLUME (Op)	N/A	NOT REQUIRED
EXTREME FLOOD VOLUME (Of)	N/A	NOT REQUIRED

**DISCHARGE COMPARISON**

STORM	UNDEVELOPED	DEVELOPED
1-YR	0.64 CFS	1.28 CFS
10-YEAR	7.05 CFS	8.66 CFS
100-YR	14.46 CFS	16.78 CFS

**SOILS LEGEND**

MAP SYMBOL	SOIL GROUP	SOIL TYPE
CHB2	B	CHESTER SILT LOAM, 3 TO 8 PERCENT, MODERATELY ERODED
CHC2	B	CHESTER SILT LOAM, 8 TO 15 PERCENT SLOPES, MODERATELY ERODED
*GNA	C	GLENNVILLE SILT LOAM, 0 TO 3 PERCENT SLOPES

\* INDICATES HYDRIC SOILS  
TAKEN FROM SOILS SURVEY, ISSUED JULY 1968, MAP NO. 13

**LANDSCAPING NOTES**

- PERIMETER LANDSCAPING SHALL BE PROVIDED BY THE PLANTINGS AS SHOWN ON THESE PLANS.
- TREES MUST BE A MINIMUM OF FOUR(4) FEET FROM THE CURB OR SIDEWALK AND MUST BE A MINIMUM OF FIVE(5) FEET FROM ANY STORM DRAIN, IF APPLICABLE.
- A MINIMUM DISTANCE OF TWENTY(20) FEET MUST BE MAINTAINED BETWEEN ANY TREES LOCATED ALONG THE CURB LINE AND FROM ANY STREET LIGHTS, IF APPLICABLE.
- TREES MUST BE PLANTED A MINIMUM OF FIVE(5) FEET FROM AN OPEN SPACE ACCESS STRIP AND TEN(10) FEET FROM A DRIVEWAY.
- THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE PROVISIONS OF SEC. 16.124 OF THE HOWARD COUNTY CODE AND LANDSCAPE MANUAL.
- LANDSCAPING FOR LOT 6 IS PROVIDED IN ACCORDANCE WITH THE LANDSCAPE PLAN (7-08-09) IN ACCORDANCE WITH SECTION 16.124 OF HOWARD COUNTY CODE AND THE LANDSCAPE MANUAL. THE SURETY AMOUNT OF \$600.00 FOR 2 SHADE TREES IS REQUIRED TO BE POSTED WITH THE APPLICATION FOR GRADING PERMIT.

**NOTE**

THE INTERIOR LOT LINES FOR LOTS 5 AND 6 ARE "INTERIOR" TO THE EUGENE MOORE SUBDIVISION AND THEREFORE ARE NOT REQUIRED TO HAVE PERIMETER LANDSCAPING. PICTURES HAVE BEEN PROVIDED TO SHOW THE EXISTING VEGETATION ALONG THE BOUNDARY LINES OF LOTS 5 AND 6 WHICH WE ARE TAKING CREDIT FOR.

**TREE PLANTING DETAIL**  
NOT TO SCALE

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

9/19/08  
9/22/08

**PERIMETER LANDSCAPE PLANTING LIST**

SYMBOL	QUANTITY	NAME	REMARKS
○	2	ACER RUBRUM 'OCTOBER GLORY' OCTOBER GLORY RED MAPLE	2 1/2"-3" CAL.

**SCHEDULE A  
PERIMETER LANDSCAPE EDGE**

CATEGORY	ADJACENT TO ROADWAY			ADJACENT TO PERIMETER PROPERTIES		
	NO	NO	NO	YES	YES	YES
LINEAR FEET OF (FRONTAGE/PERIMETER)	699'	943'	230'	1	2	1
CREDIT FOR EXISTING VEGETATION: NO OR YES (✓/LINEAR FEET) (DESCRIBE BELOW IF NEEDED)	YES	YES	YES	999'	943'	125'
CREDIT FOR WALL FENCE OR BERM NO OR YES (✓/LINEAR FEET) (DESCRIBE BELOW IF NEEDED)	-	-	-	-	-	-
NUMBER OF PLANTS REQUIRED: SHADE TREES EVERGREEN TREES OTHER TREES (2:1 SUBSTITUTE) SHRUBS	-	-	2	-	-	-
NUMBER OF PLANTS PROVIDED: SHADE TREES EVERGREEN TREES OTHER TREES (2:1 SUBSTITUTE) SHRUBS (0:1 SUBSTITUTE) (DESCRIBE PLANT SUBSTITUTION CREDITS BELOW IF NEEDED)	-	-	2	-	-	-

**GENERAL NOTES**

- EXISTING TOPOGRAPHY SHOWN HEREON WAS TAKEN FROM HOWARD COUNTY G.I.S. THE CONTOURS ARE SHOWN AT 2 FOOT INTERVALS.
- THERE ARE EXISTING WETLANDS, WETLANDS BUFFERS, STREAMS AND STREAM BUFFERS ON-SITE.
- THERE IS AN EXISTING DWELLING LOCATED ON LOT 5 TO REMAIN. NO NEW BUILDINGS, EXTENSIONS OR ADDITIONS TO THE EXISTING DWELLING ARE TO BE CONSTRUCTED AT A DISTANCE LESS THAN THE ZONING REGULATIONS REQUIRE.
- TO THE BEST OF OUR KNOWLEDGE, THERE ARE NO CEMETERY LOCATIONS ON-SITE.
- UNLESS NOTED AS "PRIVATE", ALL EASEMENTS ARE PUBLIC.
- BRL INDICATES BUILDING RESTRICTION LINE.
- SUBJECT PROPERTY IS ZONED RR-DEO.
- THERE ARE NO SLOPES 15-24.9% OR GREATER WITHIN THE LIMITS OF THE PROPOSED LOTS.
- THE FOREST CONSERVATION EASEMENT SHOWN ON THIS PLAN WAS TO FULFILL THE REQUIREMENTS OF SECTION 16.1205 OF THE HOWARD COUNTY CODE FOR THE RESUBDIVISION OF LOT 2, PLAT NO. 11662.

**STORMWATER MANAGEMENT NOTES**

- THIS PROJECT QUALIFIES AS "ENVIRONMENTALLY SENSITIVE DEVELOPMENT" ELIMINATING THE NEED FOR STRUCTURAL PRACTICES FOR WATER QUALITY. RUNOFF FROM THE BUILDING AREAS IS TO BE TREATED BY SHEET FLOW TO BUFFERS, SUPPLEMENTED WITH A 4" BOTTOM, 3:1 SIDE SLOPE GRASS SWALE TERMINATING IN A LEVEL SPREADER. THE NEW DRIVEWAY WILL BE TREATED BY NON-ROOFTOP DISCONNECT, WITH A 12' FILTER STRIP OF 8% OR LESS.
- THE DEVICES SHALL BE OWNED AND MAINTAINED BY THE LOT OWNER.
- SWALE MAINTENANCE SHALL CONSIST OF DEBRIS REMOVAL AND RE-DREDGE, IF NECESSARY.
- LEVEL SPREADER MAINTENANCE SHALL CONSIST OF TRASH AND DEBRIS REMOVAL, AND REPLACEMENT IN ACCORDANCE WITH THE DETAIL ON THIS SHEET WHEN COMPLETELY SILED OVER.

**STONE TRENCH LEVEL SPREADER DETAIL**  
NOT TO SCALE

**4' YARD SWALE TYPICAL CROSS SECTION**  
1" = 1' VERTICAL  
1" = 10' HORIZONTAL

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13205 ROUTE 144  
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**PROJECT:** EUGENE B. MOORE PROPERTY  
LOTS 5 AND 6  
A RESUBDIVISION OF LOT 3

**LOCATION:** TAX MAP NO. 21 - PARCEL 140  
GRIDS - 3 & 4  
4th ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND

**TITLE:** SUPPLEMENTAL PLAN  
EXISTING TOPOGRAPHY, SOILS MAP  
AND LANDSCAPING PLAN

**DATE:** FEBRUARY, 2008  
SEPTEMBER, 2008

**PROJECT NO.:** 1923

**SCALE:** 1" = 100'

**DRAWING:** 1 OF 1

Design: CAM Draft: EDD

F-08-099