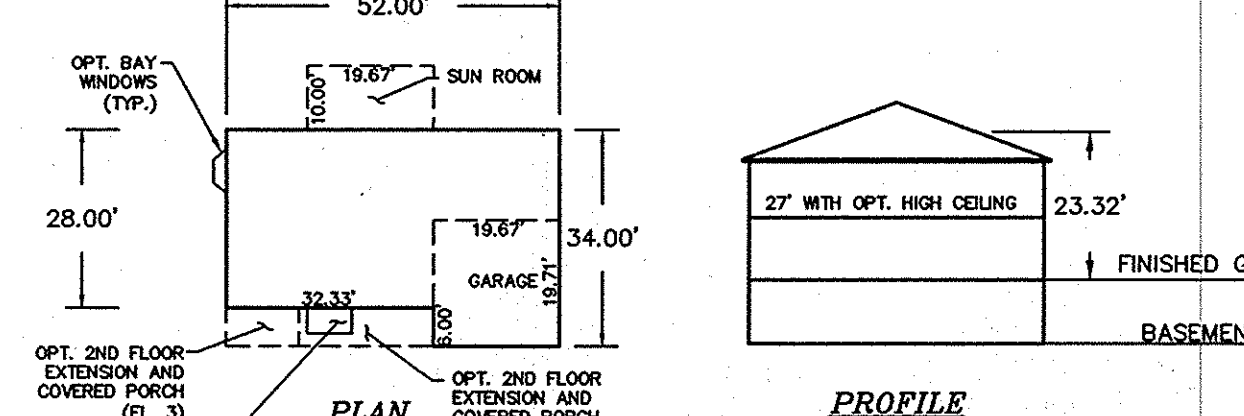


SOIL DESCRIPTION		
SYMBOL	HYDROLOGICAL GROUP	DESCRIPTION
CeC	B	CHILLUM LOAM, 5-10% SLOPES.
UcB	D	URBAN LAND-CHILLUM-BELTSVILLE COMPLEX, 0-5% SLOPES

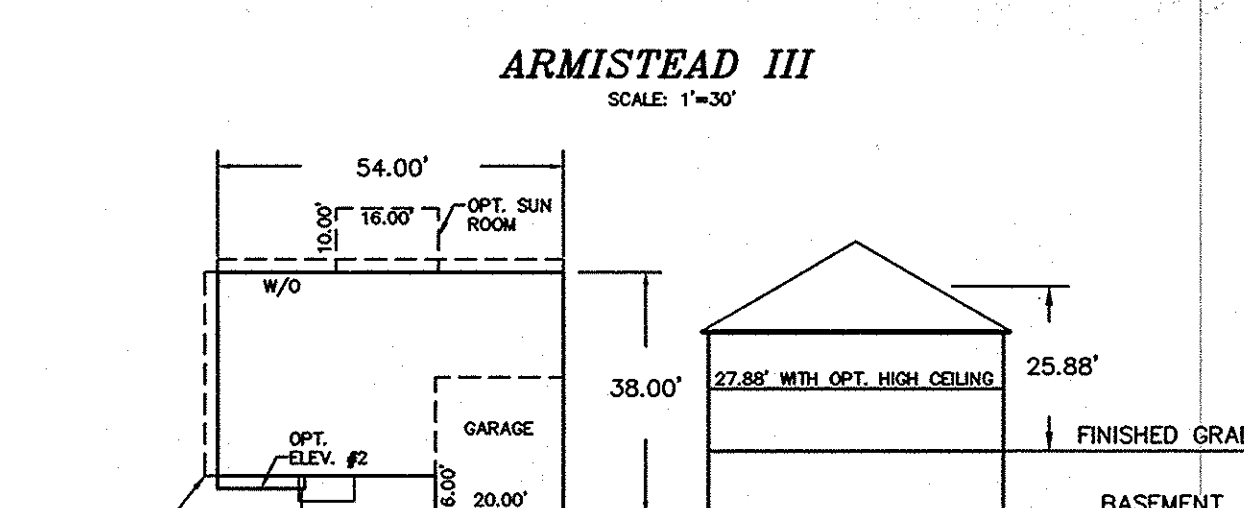
PERMIT INFORMATION BLOCK					
SUBDIVISION NAME: N/A		SECTION/AREA: N/A		PARCEL: 319	
PLAT NO. N/A	BLOCK(S) 18	ZONING R-20	TAX MAP NO. 37	ELECTION DISTRICT FIRST	CENSUS TRACT 601103

**ADDRESS CHART**

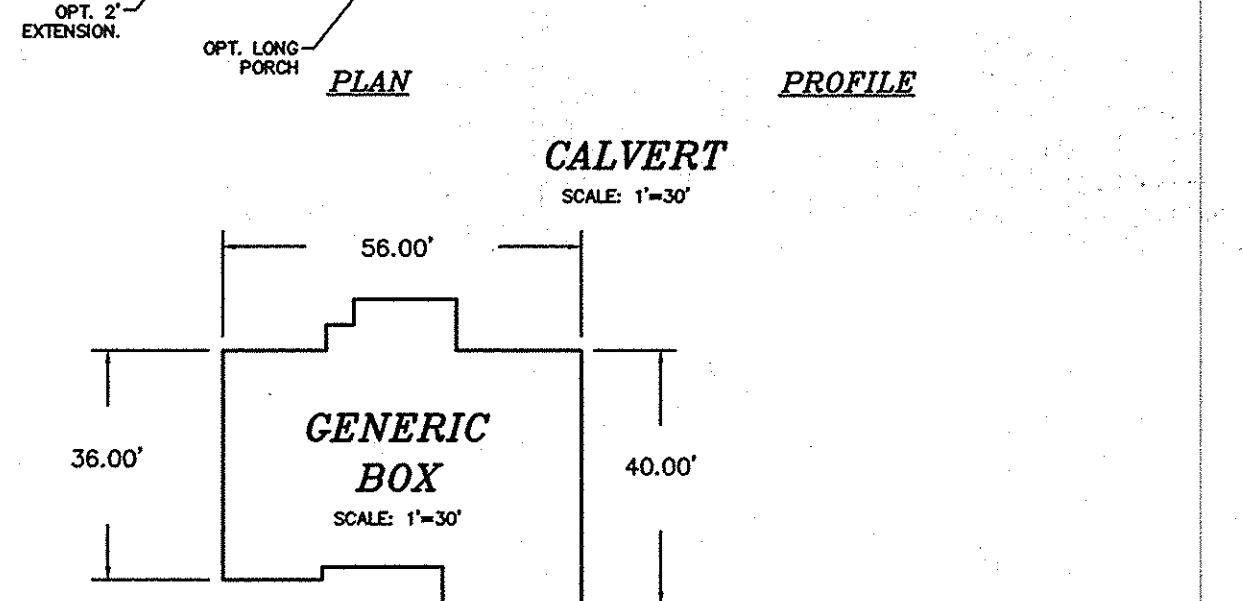
PAR.	ADDRESS
319	5920 MONTGOMERY ROAD



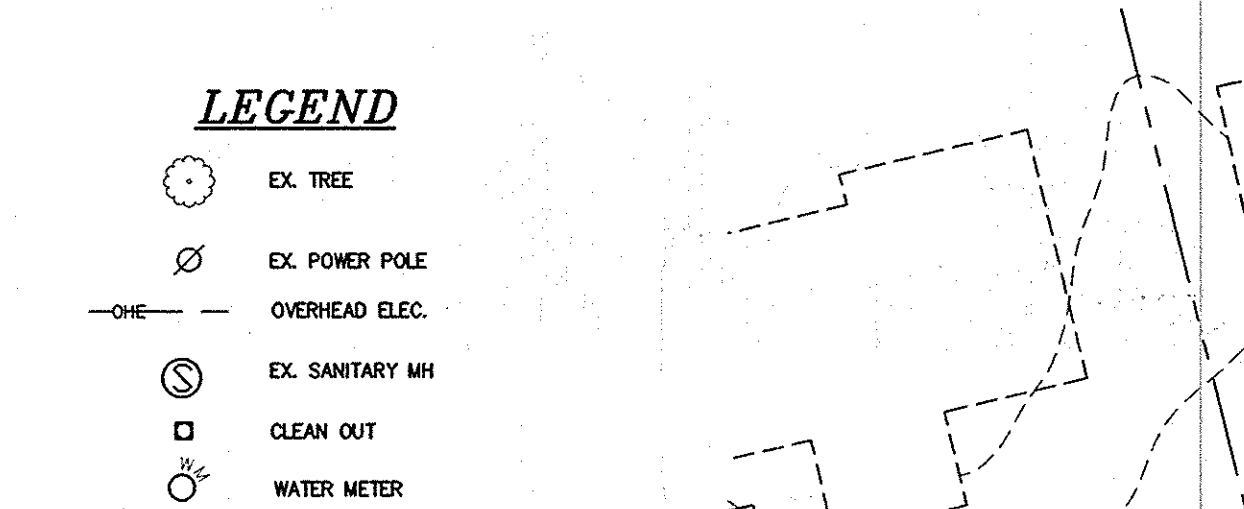
**CHAMBERLAIN III**  
SCALE: 1"=30'



**ARMISTEAD III**  
SCALE: 1"=30'



**CALVERT**  
SCALE: 1"=30'



**GENERIC BOX**  
SCALE: 1"=30'

**LEGEND**

- EX. TREE
- EX. POWER POLE
- OVERHEAD ELEC.
- EX. SANITARY MH
- CLEAN OUT
- WATER METER
- MINOR CONTOUR
- MAJOR CONTOUR
- STABILIZED CONSTRUCTION ENTRANCE
- PROPOSED SILT FENCE
- LOD
- LIMITS OF DISTURBANCE
- PERIMETER LANDSCAPING
- EX. FIRE HYDRANT
- EX. WATER EASEMENT
- EX. SEWER EASEMENT

**DEVELOPER'S/OWNER'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 YEAR GUARANTEE OF PLANT MATERIALS, WILL BE SUBMITTED TO THE DEPARTMENT OF PLANNING AND ZONING.

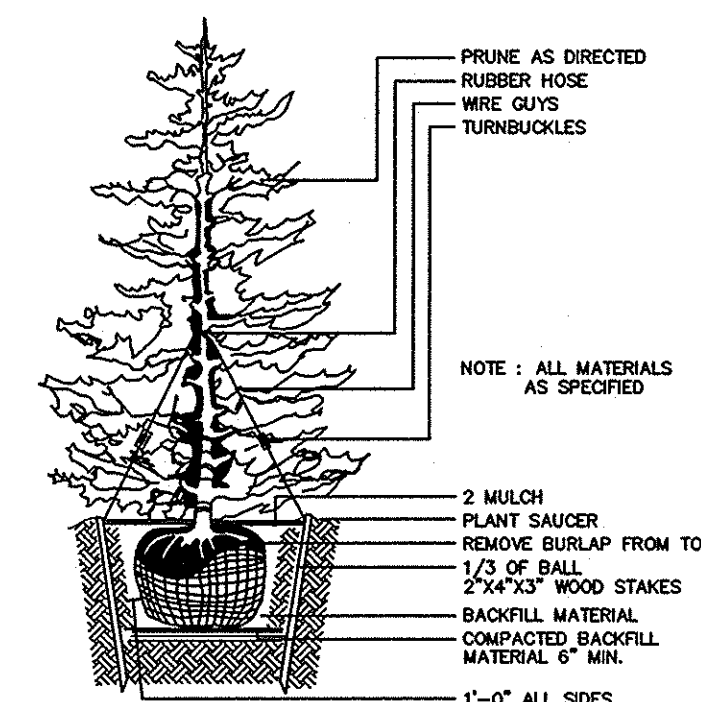
*[Signature]*  
OWNER  
DATE: 10-24-2014

**SCHEDULE A : PERIMETER LANDSCAPED EDGE**

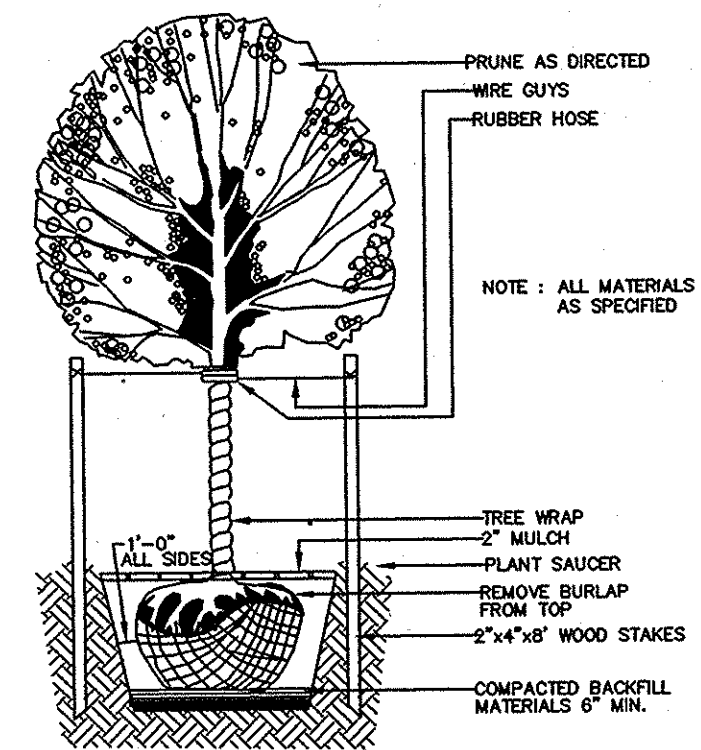
CATEGORY	ADJACENT TO PERIMETER PROPERTIES			TOTALS
	A (PERIMETER 1)	A (PERIMETER 2)	A (PERIMETER 3)	
LANDSCAPE TYPE	250.25 LF	100 LF	250 LF	
LINEAR FEET OF PERIMETER				
CREDIT FOR EXISTING VEGETATION (YES, NO, LINEAR FEET)	NO	NO	NO	
NUMBER OF PLANTS REQUIRED	4 SHADE TREES 0 EVERGREEN TREES 0 SHRUBS	2 SHADE TREES 0 EVERGREEN TREES 0 SHRUBS	4 SHADE TREES 0 EVERGREEN TREES 0 SHRUBS	10 SHADE TREES 0 EVERGREEN TREES 0 SHRUBS
CREDIT FOR EXISTING VEGETATION	1 SHADE TREES 0 EVERGREEN TREES	0 SHADE TREES 0 EVERGREEN TREES	0 SHADE TREES 0 EVERGREEN TREES	1 SHADE TREES 0 EVERGREEN TREES
NUMBER OF PLANTS PROVIDED	3 SHADE TREES 0 EVERGREEN TREES 0 OTHER TREES (2:1 SUBSTITUTION) 0 SHRUBS (10:1 SUBSTITUTION)	0 SHADE TREES 0 EVERGREEN TREES 0 SUBSTITUTION TREES 0 SHRUBS	3 SHADE TREES 0 EVERGREEN TREES 0 SUBSTITUTION TREES 0 SHRUBS	6 SHADE TREES 0 EVERGREEN TREES 0 SUBSTITUTION TREES 0 SHRUBS

**LANDSCAPE REQUIREMENT PLANTING SCHEDULE**

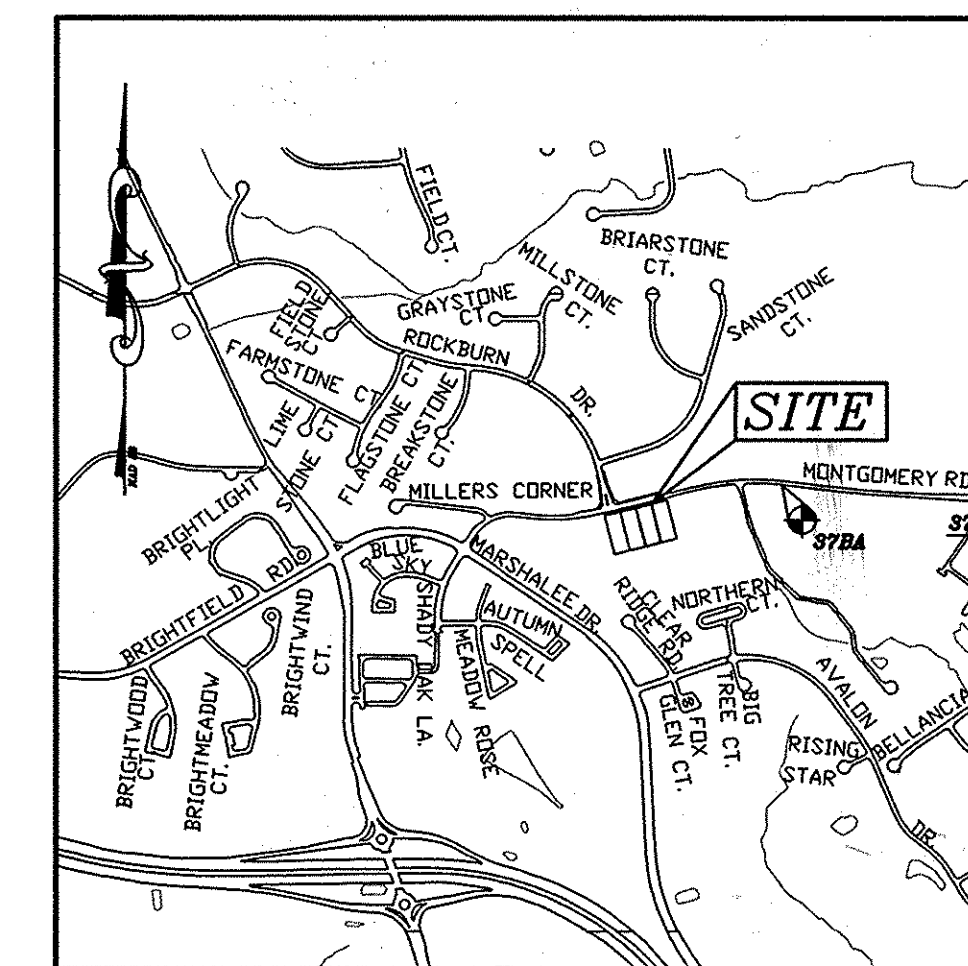
QUANTITY	SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE
3		ACER RUBRUM 'RED SUNSET' OR EQUIVALENT AS OUTLINES IN THE HO. CO. LANDSCAPE MANUAL	RED SUNSET RED MAPLE OR EQUIVALENT AS OUTLINES IN THE HO. CO. LANDSCAPE MANUAL	2 1/2" - 3" CAL.
3		QUERCUS RUBA 'RED OAK' OR EQUIVALENT AS OUTLINES IN THE HO. CO. LANDSCAPE MANUAL	RED OAK OR EQUIVALENT AS OUTLINES IN THE HO. CO. LANDSCAPE MANUAL	2 1/2" - 3" CAL.



**TYPICAL EVERGREEN TREE PLANTING DETAIL**  
NOT TO SCALE



**TYPICAL DECIDUOUS TREE PLANTING DETAIL**  
NOT TO SCALE



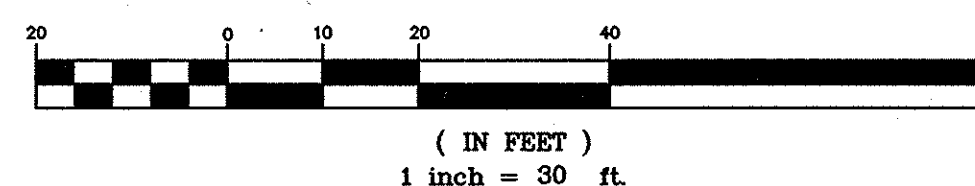
**VICINITY MAP**

SCALE: 1"=200'  
ADD MAP: 16 GRID: K6

**GENERAL NOTES:**

- ALL ASPECTS OF THE PROJECT ARE IN CONFORMANCE WITH THE LATEST HOWARD COUNTY STANDARDS.
- SITE ANALYSIS DATA:**  
LOCATION: TAX MAP: 37 PARCEL: 319  
ELECTION DISTRICT: FIRST  
ZONING: R-20  
TOTAL AREA: 0.57 AC.±  
LIMIT OF DISTURBED AREA: 4,910 SQ.FT. OR 0.11 AC.±  
PROPOSED USE FOR SITE: RESIDENTIAL  
TOTAL NUMBER OF UNITS: 3  
TYPE OF PROPOSED UNIT: SFD  
DPZ FILE NOS: NONE  
DEED: L-332 F.631
- ON-SITE TOPOGRAPHY SHOWN HEREON IS BASED ON A FIELD RUN SURVEY CONDUCTED BY MILDENBERG, BOENDER AND ASSOCIATES ON OR ABOUT JUNE 2014.
- COORDINATES BASED ON NAD '83 (HORIZONTAL) AND NGVD '88 (VERTICAL) MARYLAND COORDINATE SYSTEM AS PROJECTED BY HOWARD COUNTY GEODETIC CONTROL STATIONS NO. 37BA & 37BC.  
STA. No. 37BA: N 563,785.644 E 1,376,343.207 ELEV. 393.959  
STA. No. 37BC: N 563,666.336 E 1,378,054.838 ELEV. 373.097
- NO STEEP SLOPES (FOR A VERTICAL HEIGHT OF 10 FEET OR MORE) OR FLOODPLAINS EXIST ON SITE
- BASED ON AVAILABLE COUNTY DATA, NO HISTORIC STRUCTURES OR BURIAL GROUNDS EXIST ON SITE.
- a. SUBJECT PROPERTY ZONED R-20 RESIDENTIAL PER THE 10/06/13 COMPREHENSIVE ZONING PLAN.  
b. IN ACCORDANCE WITH SECTION 128 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.  
c. 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:  
- WIDTH - 12 FEET (16 FEET SERVING MORE THAN ONE RESIDENCE).  
- SURFACE - 6 INCHES OF COMPACTED CRUSHER RUN BASE WITH TAR AND CHIP COATING (1-1/2 INCH MINIMUM).  
- GEOMETRY - MAXIMUM 15% GRADE, MAXIMUM 10% GRADE CHANGE AND MINIMUM OF 45-FOOT TURNING RADIUS.  
- STRUCTURES (CULVERTS/BRIDGES) - CAPABLE OF SUPPORTING 25 GROSS TONS 9H25 LOADING.  
- DRAINAGE ELEMENTS-CAPABLE OF SAFELY PASSING 100-YEAR FLOOD WITH NO MORE THAN 1 FOOT DEPTH OVER DRIVEWAY SURFACE.  
- MAINTENANCE - SUFFICIENT TO ENSURE ALL WEATHER USE.
- PROPERTY IS LOCATED WITHIN THE METROPOLITAN DISTRICT. PUBLIC WATER AND SEWER WILL BE UTILIZED UNDER CONTRACT # 34-W AND 10-1602 SEWER.
- EXISTING UTILITIES ARE BASED ON ACTUAL FIELD LOCATIONS, IN COMBINATION WITH EXISTING WATER AND SEWER CONTRACTS.
- SEWER HOUSE CONNECTION ELEVATIONS SHOWN ARE LOCATED AT THE PROPERTY LINE OR EASEMENT LINE.
- THE CONTRACTOR SHALL NOTIFY THE FOLLOWING UTILITIES OR AGENCIES AT LEAST 48 HOURS PRIOR TO EXCAVATION WORK BEING DONE.  
MISS UTILITY: 800-257-7777 (410) 725-9976  
VERIZON TELEPHONE COMPANY: (410) 313-4900  
HOWARD COUNTY BUREAU OF UTILITIES: (410) 393-3533  
AT&T CABLE LOCATION DIVISION: (410) 685-0123  
BALTIMORE GAS & ELECTRIC: (410) 531-5533  
STATE HIGHWAY ADMINISTRATION: (410) 531-5533
- 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.
- THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE PROVISIONS OF SECTION 16.124 OF THE HOWARD COUNTY CODE AND LANDSCAPE MANUAL. FINANCIAL SURETY IN THE AMOUNT OF \$1,800.00 FOR 6 SHADE TREES WILL BE POSTED WITH THE GRADING PERMIT APPLICATION.
- 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.
- AT THE TIME OF INSTALLMENT, ALL SHRUBS AND OTHER PLANTINGS HEREWITH LISTED AND APPROVED FOR THIS SITE SHALL BE OF THE PROPER HEIGHT REQUIREMENTS IN ACCORDANCE WITH THE HOWARD COUNTY LANDSCAPE 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.
- THIS PLAN IS EXEMPT FROM STORMWATER MANAGEMENT REQUIREMENTS. LIMITS OF DISTURBANCE IS LESS THAN 5,000 S.F. OF NET DISTURBANCE (4,910 S.F.). A SIMPLIFIED ENVIRONMENTAL CONCEPT PLAN WAS APPROVED ON 7/15/2014.
- FOREST CONSERVATION OBLIGATIONS FOR THIS DEVELOPMENT IS NOT REQUIRED ON A SINGLE LOT SMALLER THAN 40,000 S.F., AS LONG AS ANY SUCH CUTTING, CLEARING OR GRADING DOES NOT INCLUDE ANY AREA ALREADY SUBJECT TO PREVIOUSLY APPROVED FOREST CONSERVATION RESTRICTIONS.
- NO TRAFFIC STUDY IS REQUIRED FOR THIS PROJECT.
- THE SITE EXISTS OUTSIDE THE 65-06a NOISE ZONE. NO NOISE STUDY REQUIRED
- NO WETLANDS, STREAMS, FLOODPLAIN EXIST ON-SITE.
- THERE ARE NO STRUCTURES ON PARCEL 319.
- LIMIT OF DISTURBANCE IS LESS THAN 5,000.0 SF THEREFORE STANDARD SEDIMENT AND EROSION CONTROL WILL BE UTILIZED. HOWARD COUNTY DISTRICTS REVIEW AND APPROVAL IS NOT REQUIRED.
- ANY DAMAGE TO THE COUNTY'S RIGHT-OF-WAY SHALL BE CORRECT AT THE DEVELOPER'S EXPENSE.

**GRAPHIC SCALE**



P: 1200414-016 Haggblom Prop (DWG) 16-sep.dwg

APPROVED: DEPARTMENT OF PLANNING AND ZONING  
 CHIEF, DEVELOPMENT ENGINEERING DIVISION  
*[Signature]*  
 DATE: 11/14/14  
 CHIEF, DIVISION OF LAND DEVELOPMENT  
*[Signature]*  
 DATE: 12-15-14  
 DIRECTOR



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. 17942, EXP. DATE 9/03/16.  
 R. JACOB HIKMAT P.E. DATE: 10/22/14

Project	date	approval
14-016	OCT. 2014	MMH
illustration	engineering	MMH
TMH	scale	1"=30'
description	revisions	
no.	date	

**HAGGBLOM PROPERTY**  
 5920 MONTGOMERY ROAD, ELKCRIDGE, MARYLAND 21075  
 TAX MAP 37, GRID 04, PARCEL 319  
 HOWARD COUNTY, MARYLAND  
 FIRST ELECTION DISTRICT  
 SITE DEVELOPMENT PLAN

**MILDENBERG, BOENDER & ASSOC., INC.**  
 Engineers Planners Surveyors  
 7350-B Grace Drive, Columbia, MD 21044  
 (410) 997-0296 Fax: (410) 997-0298 Fax