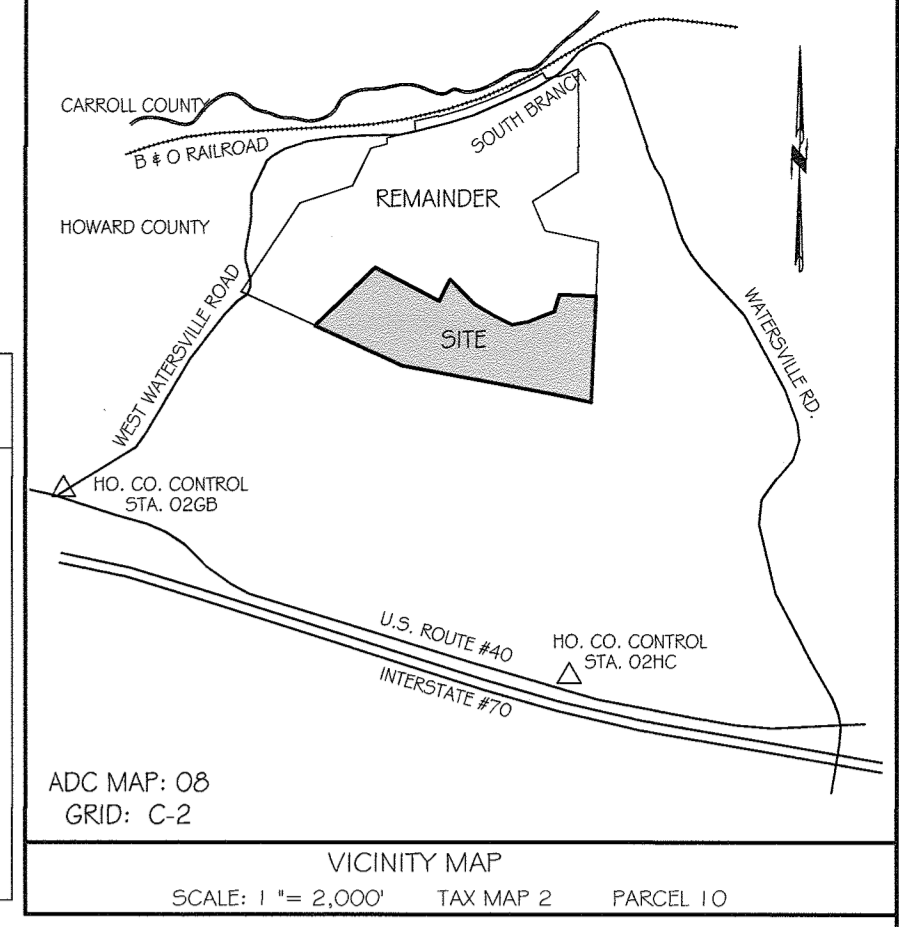


LINE	BEARING	DISTANCE	CURVE	RADIUS	ARC LENGTH	DELTA ANGLE	CHORD BEARING	CHORD LENGTH	TANGENT
L1	N33°59'12"E	1104.28'	C1	4623.79'	233.42'	03°08'25"	N76°42'02"E	233.39'	176.74'
L2	N71°57'05"E	577.07'	C2	4633.75'	810.50'	10°01'32"	N70°07'28"E	609.77'	406.44'
L3	N62°00'00"E	429.47'	C3	4623.75'	369.49'	04°34'43"	N62°49'21"E	369.40'	184.05'
L4	N74°16'00"E	171.90'							
L5	N02°04'00"W	66.00'							
L6	N75°48'25"E	306.02'							
L7	N04°30'41"W	99.02'							
L8	S14°45'14"E	10.00'							
L9	N24°53'19"W	10.00'							
L10	S30°53'33"E	66.41'							
L11	N79°32'40"E	137.52'							
L12	N62°02'40"E	190.34'							
L13	S00°24'20"E	1074.00'							
L14	S57°09'40"W	563.64'							
L15	S33°32'25"E	330.00'							
L16	S78°11'12"E	563.13'							
L17	S02°34'21"W	1666.39'							
L18	N18°01'00"W	354.41'							
L19	N79°09'44"W	1656.34'							
L20	N65°24'34"W	1034.92'							

OWNER / DEVELOPER:
DONALD E. & SHIRLEY L. FLEMING
REVOCABLE CONVERTIBLE TRUST
C/O STEPHEN FLEMING
611 WEST WATERSVILLE ROAD
MT. AIRY, MARYLAND 21771
(443) 250 - 1529



LEGEND

EXISTING TREE LINE

"STEEP" SLOPES AS DEFINED BY HOWARD CO. SCD (>20% SLOPE)

MODERATE SLOPES 15% - 20%

SITE ANALYSIS DATA SHEET	ACRES
PROPOSED SITE USE	AGRICULTURAL
WETLANDS BUFFER	0.00
FLOODPLAIN	0.00
FORESTS	0.00
STEEP SLOPES (>20%)	3.04
MODERATE SLOPES (15-20%)	2.23
TOTAL PROJECT AREA	50.00
LOD AREA	0.00
GREEN OPEN SPACE AREA	0.00
EX. IMPERVIOUS AREA	0.00
PROP. IMPERVIOUS AREA	0.00
HIGHLY ERODIBLE SOILS IN PROJECT AREA	9.30

- GENERAL NOTES:**
- OWNER: DONALD E. FLEMING & SHIRLEY L. FLEMING, TRUSTEES
DEED REFERENCE: LIBER 9626 AT FOLIO 154
DATE: JULY 11, 2005
GRANTOR: DONALD E. FLEMING & SHIRLEY L. FLEMING
 - TAX MAP: 2 GRID: 14 PARCEL: 10
 - NEAREST PORTABLE WATER SUPPLY: MT. AIRY DISTANCE: 2.0 MILES ±.
 - THE SUBJECT PROPERTY IS NOT LOCATED IN SPECIAL FLOOD HAZARD AREA PER NATIONAL FLOOD INSURANCE PROGRAM. FLOOD INSURANCE RATE MAP: COMMUNITY PANEL NO. 24027000300, EFFECTIVE NOVEMBER 6, 2013.
 - ON-SITE TOPOGRAPHY FROM FIELD-RUN TOPO BY VANMAR ASSOCIATES IN NOVEMBER 2015. OFF-SITE TOPOGRAPHY & PLANIMETRIC FEATURES TAKEN FROM COPYRIGHTED GIS DATA FROM HOWARD COUNTY. CONTOUR INTERVAL IS 2 FEET. VERTICAL DATUM IS NAVD83.
 - THE BASIS OF BEARINGS FOR THIS PLAN IS THE MARYLAND COORDINATE SYSTEM (NAD83) PER HOWARD COUNTY SURVEY CONTROL STATIONS:
HO.CO.#021C N. 612,924.256 E. 1,262,818.993
HO.CO.#020B N. 614,978.569 E. 1,277,363.289
DISTANCES SHOWN HEREON ARE GROUND DISTANCES.
 - SOIL TYPE: GLENELG LOAM (GgB), BRINKLOW CHANNERY LOAM (BrD), OCCOQUAN LOAM (OcC)
 - THE SUBJECT PROPERTY IS ZONED RC-DEO PER THE 1006/3 COMPREHENSIVE ZONING REGULATIONS.
 - THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREAS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT.
 - THERE ARE NO HISTORIC SITES OR CEMETERIES ON THIS PROPERTY.
 - NO SPECIMEN TREES ARE PROPOSED FOR REMOVAL.
 - THIS LOT IS EXEMPT FROM FOREST CONSERVATION REQUIREMENTS PER SECTION 16.1.202(b)(1)(ii) WHICH STATES THAT AGRICULTURAL PRESERVATION SUBDIVISIONS ARE EXEMPT.
 - HOWARD COUNTY SOIL CONSERVATION DISTRICT REQUIRES THE DELINEATION OF STEEP SLOPES WITH GRADIENTS OF 20% OR MORE.
 - LANDSCAPING REQUIREMENTS FOR THIS LOT IS IN ACCORDANCE WITH THE ALTERNATE COMPLIANCE PROVISIONS OF SECTION 16.1.24 OF THE HOWARD COUNTY CODE AND THE LANDSCAPE MANUAL AS A RESULT OF THE SITE LOCATION WITHIN THE FARMS INTERIOR AND EXISTING BUFFERED EXTERIOR.
 - ALL AREAS SHOWN HEREON ARE + OR -, MORE OR LESS.
 - DRIVEWAYS SHALL BE PROVIDED PRIOR TO ISSUANCE OF A USE AND OCCUPANCY PERMIT FOR ANY NEW DWELLINGS TO ENSURE SAFE ACCESS FOR FIRE AND EMERGENCIES PER THE FOLLOWING MINIMUM REQUIREMENTS:
a) Width - 12' (12' serving more than one residence).
b) Surface - 6" of compacted crusher run base with tar and chip coating - 1-1/2" min.
c) Geometry - Maximum 15% grade, maximum 10% grade change and minimum 45-foot turning radius.
d) Structures (ekwertfondage) - Capable of supporting 25 gross tons (125 loading).
e) Storage Elements - Capable of safely storing 100-year flood with no more than 1 foot depth over driveway surface.
f) Structure clearances - minimum 12 feet.
g) Maintenance - sufficient to ensure all weather use.
 - ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST STANDARDS AND SPECIFICATIONS OF HOWARD COUNTY PLUS MSHA STANDARDS AND SPECIFICATIONS IF APPLICABLE.
 - THE CONTRACTOR SHALL NOTIFY THE DEPARTMENT OF PUBLIC WORKS/BUREAU OF ENGINEERING/CONSTRUCTION INSPECTION DIVISION AT (410) 313-1850 AT LEAST FIVE (5) WORKING DAYS PRIOR TO THE START OF WORK.
 - THE CONTRACTOR SHALL NOTIFY MISS UTILITY AT 1-800-257-7777 AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION WORK BEING DONE.
 - THERE ARE NO KNOWN WETLANDS, FLOOD PLAINS OR BUFFERS ON THIS SITE.
 - THE PROPERTY IS NOT LOCATED WITHIN THE METROPOLITAN DISTRICT.
 - NO NOISE STUDY IS REQUIRED FOR THIS PROJECT.
 - NO TRAFFIC STUDY IS REQUIRED FOR THIS PROJECT.
 - PREVIOUS FILE NUMBERS: F-16-058
 - THE EXISTING USE-IN-COMMON DRIVEWAY WILL SERVE THREE (3) HOUSES LOCATED ON THE FAMILY FARM.
 - THIS PLAN IS NOT TO BE UTILIZED TO OBTAIN SEDIMENT CONTROL PERMITS.
 - NON-BUILDABLE BULK PARCEL A IS BEING CREATED TO TRANSFER PROPERTY FOR AGRICULTURAL PURPOSES. NO RESIDENTIAL BUILDING DEVELOPMENT IS PLANNED.



APPROVED

HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

Keith A. Duvall 8-20-18
CHIEF, DIVISION OF LAND DEVELOPMENT DATE

Chad Plummer 8-15-18
CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

SOIL LEGEND					
MAP SYMBOL	MAPPING UNIT	HYDROLOGIC SOIL GROUP	HYDRIC COMPONENTS	K _w	SLOPE
GgB, GgC	GLENELG LOAM	B	NO	0.20	3 - 8%
BrD	BRINKLOW CHANNERY LOAM	B	NO	0.20	15 - 25%
OcC	OCCOQUAN LOAM	B	NO	0.20	8 - 15%
GnB	GLENVILLE - BAILE	CD	YES	0.37	0 - 8%

PROFESSIONAL CERTIFICATION

I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional land surveyor under the laws of the State of Maryland, License No. 211266, Expiration Date: 09-09-2019.

DATE 06/11/18	REVISIONS PER COMMENTS	<p>SUPPLEMENTAL PLAN SOILS/ TOPOGRAPHY/ GRADING NON-BUILDABLE BULK PARCEL A ELM-LEE FARM LIBER 9626 AT FOLIO 154</p>	
<p>TAX MAP: 2 GRID NO: 14 PARCEL NO: 10</p>			
<p>ELECTION DISTRICT: No. 4 HOWARD COUNTY, MARYLAND EX. ZONING: RC-DEO</p>		<p>SCALE: 1" = 200' DATE: APRIL, 2018 SHEET 1 OF 1</p>	
		<p>VANMAR ASSOCIATES, INC. Engineers Surveyors Planners 310 South Main Street Mount Airy, Maryland 21771 (301) 829-2890 (301) 831-5015 (410) 549-2751 Fax (301) 831-5603 ©Copyright, Latest Date Shown</p>	