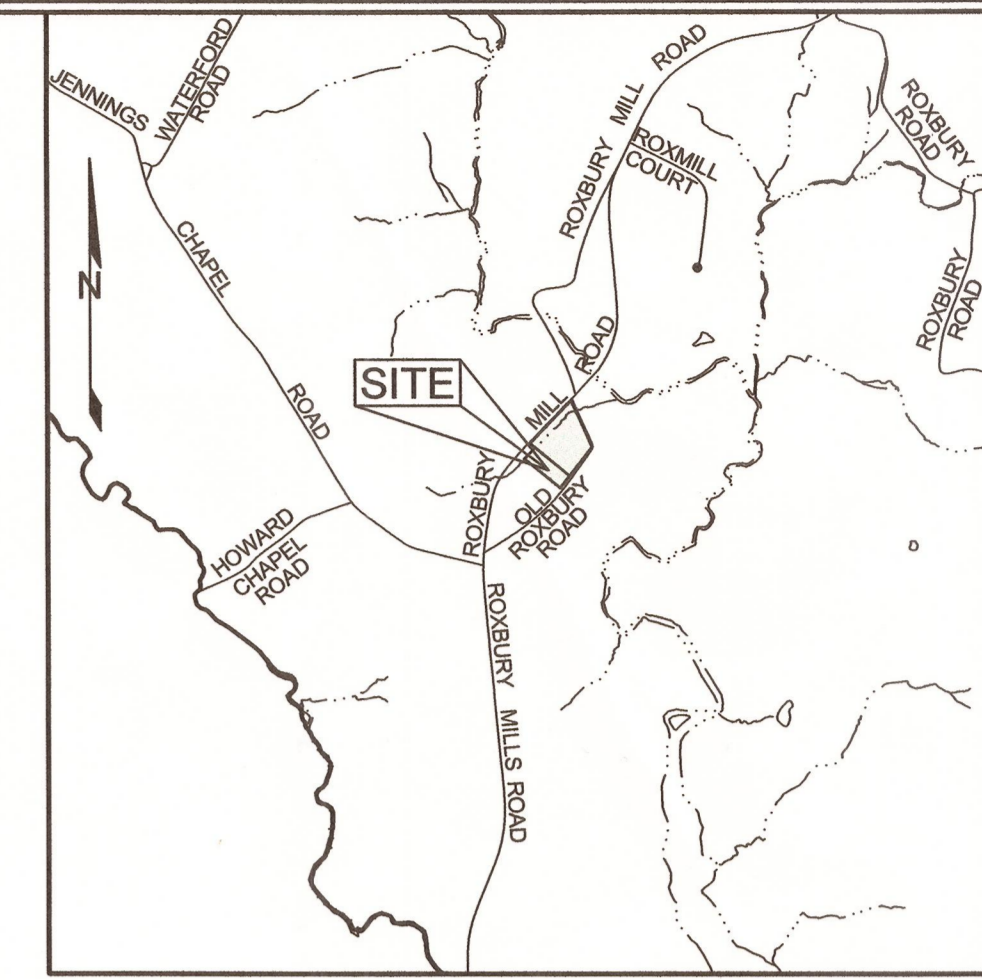
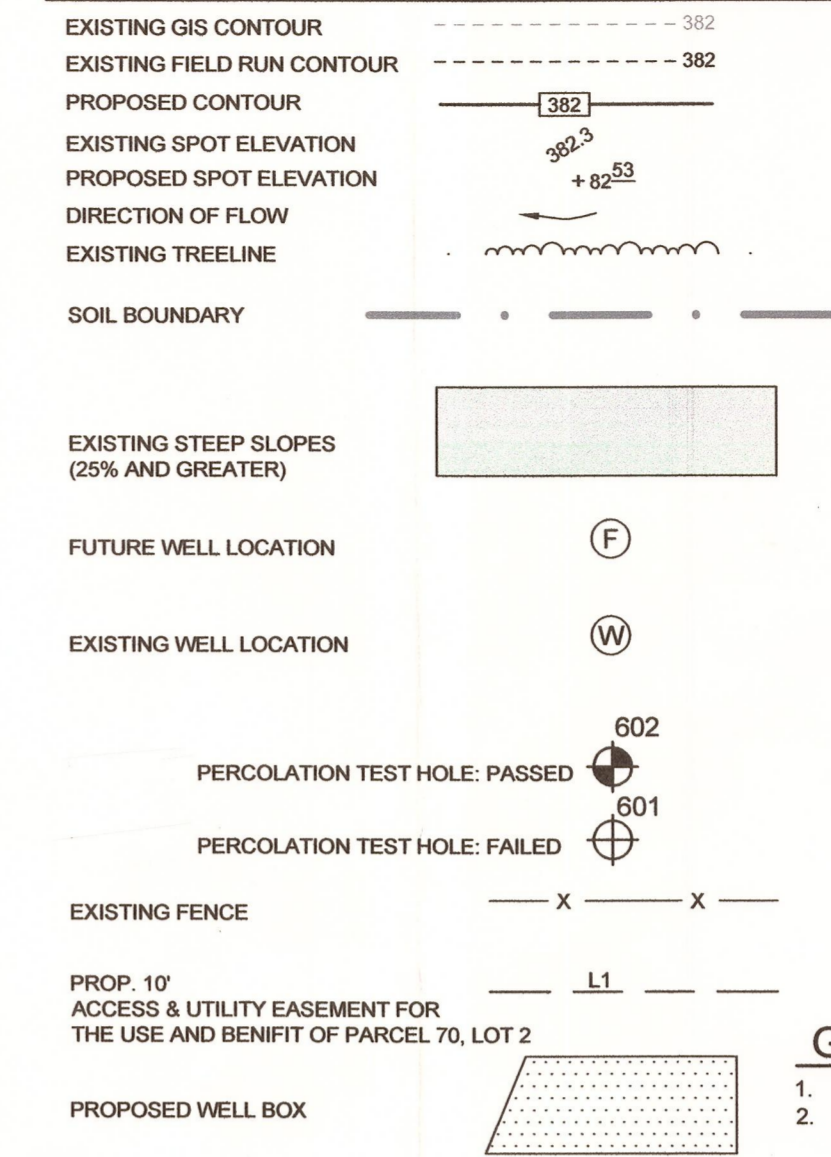


SOILS LEGEND			
SYMBOL	NAME / DESCRIPTION	GROUP	'K' FACTOR
GgC	GLENELG LOAM, 8 TO 15 PERCENT SLOPES	B	0.24
McD	MANOR LOAM, 15 TO 25 PERCENT SLOPES, VERY ROCK	B	0.28

NOTES:
 1) SOIL INFORMATION HAS BEEN TAKEN FROM THE UNITED STATES DEPARTMENT OF AGRICULTURE, NATURAL RESOURCES CONSERVATION SERVICE, WEB SOIL SURVEY.
 2) HIGHLY ERODIBLE SOILS ARE THOSE SOILS WITH A SLOPE GREATER THAN 15 PERCENT OR THOSE SOILS WITH A SOIL ERODIBILITY FACTOR 'K' GREATER THAN 0.35 AND WITH A SLOPE GREATER THAN 5 PERCENT.

LEGEND



GENERAL NOTES

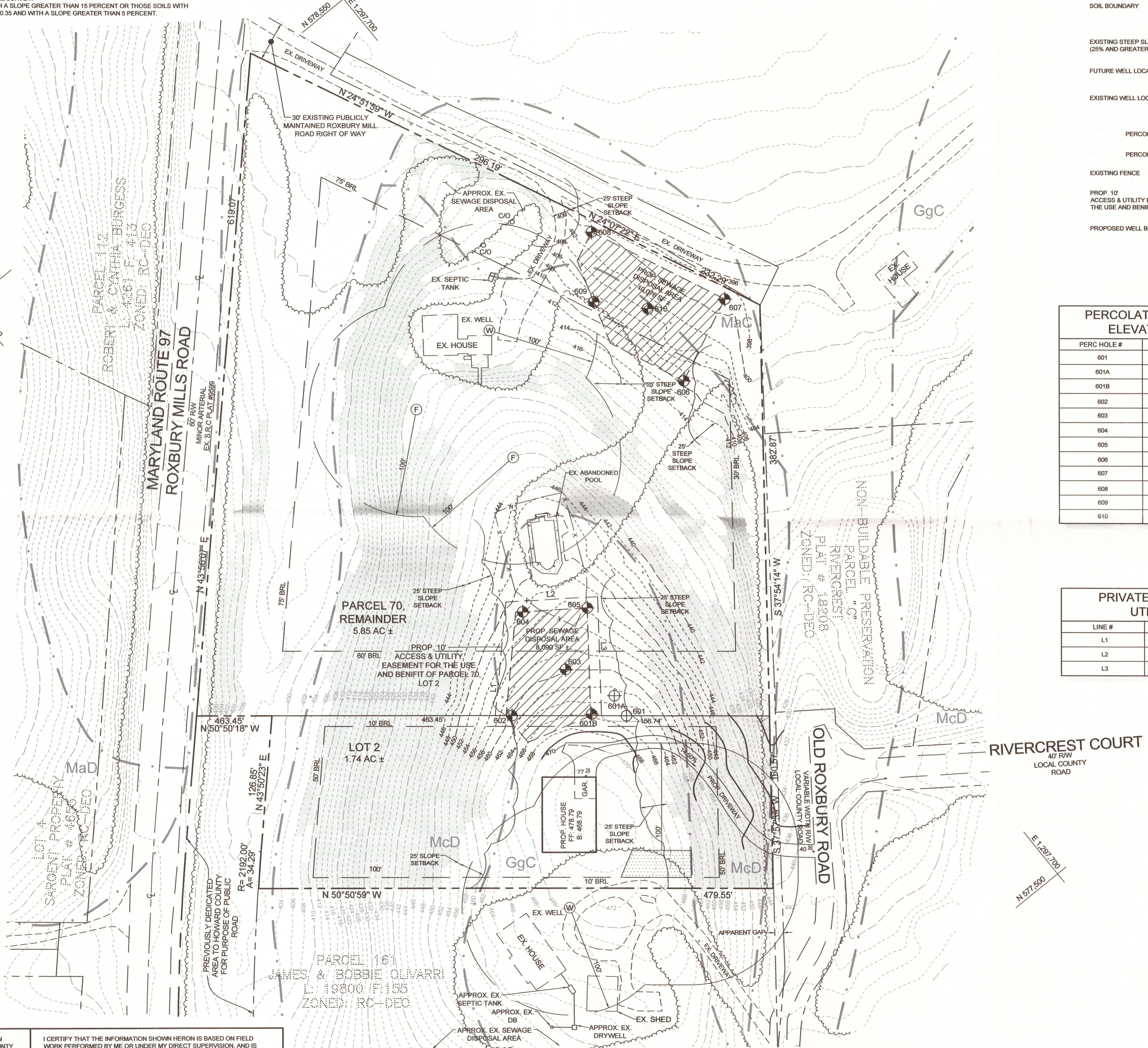
- SUBJECT PROPERTY ZONED RC-DEO PER 10/06/2013 COMPREHENSIVE ZONING PLAN.
- TOTAL AREA OF PROPERTY = 1.73 AC ± PARCEL 70, LOT 2 5.85 AC ± PARCEL 70, REMAINDER
- PROPERTY ADDRESS: PARCEL 70, LOT 2: 4355 OLD ROXBURY ROAD, BROOKVILLE MARYLAND 20833 PARCEL 70, REMAINDER: 4401 ROXBURY MILL ROAD, BROOKVILLE MARYLAND 20833
- DEED REFERENCE: LIBER: 4261 FOLIO: 413 PARCEL 70, LOT 2 LIBER: 4261 FOLIO: 413 PARCEL 70, REMAINDER
- THE BOUNDARY SHOWN HERE ON IS BASED ON A BOUNDARY SURVEY PERFORMED SEG LAND SURVEYING, LLC IN FEBRUARY OF 2022.
- THE TOPOGRAPHY SHOWN WITHIN THE SEWAGE DISPOSAL AREAS IS BASED ON A TOPOGRAPHIC SURVEY PERFORMED BY SEG LAND SURVEYING, LLC IN SEPTEMBER OF 2022. THE REMAINING TOPOGRAPHY SHOWN IS BASED ON HOWARD COUNTY GIS FLOWN IN 2018.
- PRIVATE WATER AND PRIVATE SEWER WILL BE USED WITHIN THIS SITE.
- THIS AREA DESIGNATES A PRIVATE SEWAGE AREA, AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL (COMAR 26.04.03). IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THIS AREA SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE AREA. RECORDATION OF A MODIFIED SEWAGE AREA SHALL NOT BE NECESSARY.
- THE LOT SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP, WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT.
- ALL EXISTING WELLS, SEPTIC SYSTEMS AND SEWAGE DISPOSAL AREA WITHIN 100 FEET OF THE PROPERTY BOUNDARIES AND ALL EXISTING AND PROPOSED WELLS THAT ARE LOCATED WITHIN 200 FEET DOWN-GRADIENT OF EXISTING OR PROPOSED SEPTIC SYSTEMS AND SEWAGE DISPOSAL AREA HAVE BEEN LOCATED.
- SEPTIC EASEMENT AGREEMENT MUST BE RECORDED IN LAND RECORDS PRIOR TO THE USE OF THE SEWAGE DISPOSAL AREA AND HEALTH DEPARTMENT APPROVAL OF THE BUILDING PERMIT.
- PRIOR TO ANY BUILDING PERMIT APPROVAL BY THE HEALTH DEPARTMENT INTENDED FOR 4401 ROXBURY MILL ROAD, A NEW WELL MUST BE DRILLED AND THE OLD PIT WELL MUST BE ABANDONED.
- THE PURPOSE OF THIS PLAN IS TO ESTABLISH A SEWAGE DISPOSAL AREA AND WELL LOCATIONS FOR PARCEL 70, LOT 2 AND PARCEL 70, REMAINDER.

PERCOLATION HOLE ELEVATIONS

PERC HOLE #	ELEVATION
601	464.98
601A	462.85
601B	461.54
602	460.21
603	459.77
604	452.38
605	453.94
606	408.62
607	399.28
608	400.57
609	406.84
610	403.51

PRIVATE VARIABLE ACCESS & UTILITY EASEMENT

LINE #	BEARING & DISTANCE
L1	S 44°39'48" W 106.23'
L2	S 54°00'21" E 85.31'
L3	S 37°24'54" W 110.51'



APPROVED: FOR PRIVATE WATER AND PRIVATE SEWAGE SYSTEMS IN ACCORDANCE WITH THE MASTER PLAN OF HOWARD COUNTY

Paul M. Sill 10/14/22
 COUNTY HEALTH OFFICER
 HOWARD COUNTY HEALTH DEPARTMENT

I CERTIFY THAT THE INFORMATION SHOWN HEREON IS BASED ON FIELD WORK PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION, AND IS CORRECT, TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Paul M. Sill
 PAUL M. SILL, PE, LEED AP
 LICENSED PROFESSIONAL ENGINEER #32025
 DATE: 10/14/22

PERCOLATION CERTIFICATION PLAN
OLD ROXBURY ROAD
 4355 OLD ROXBURY ROAD
 4401 ROXBURY MILL ROAD
 TAX MAP 21 GRID 19 4TH ELECTION DISTRICT PARCEL 70, LOT 2 & REMAINDER HOWARD COUNTY, MARYLAND

DESIGN BY: PS
 DRAWN BY: ZS
 CHECKED BY: PS
 SCALE: AS SHOWN
 DATE: SEPTEMBER 28, 2022
 PROJECT #: 21-117
 SHEET #: 1 of 1

SILL ENGINEERING GROUP, LLC
 216005 Frederick Road, 2nd Floor
 Woodbine, Maryland 21797
 Phone: 443.325.5076
 Fax: 410.696.2022
 Email: info@sillengineering.com
 Civil Engineering for Land Development

PROFESSIONAL CERTIFICATION: 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. 32025, EXPIRATION DATE JUNE 20, 2023

OWNER/DEVELOPER
 CARROLL MELIDA VALLE
 4401 ROXBURY MILL ROAD
 BROOKVILLE, MARYLAND 20833