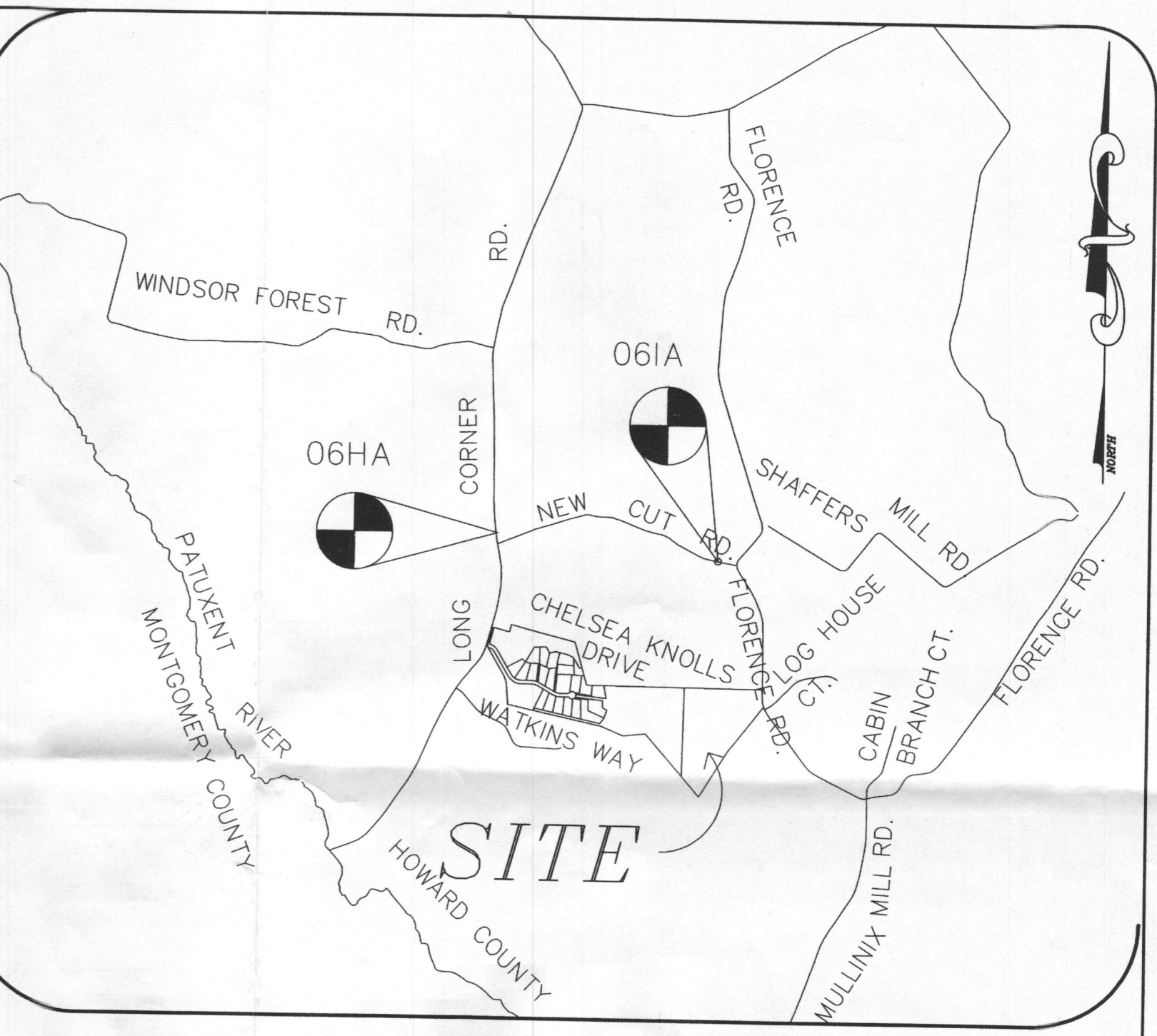


**SHAPIRO RESIDENCE**  
SCALE: 1" = 30'

**SOILS DESCRIPTION**

SYMBOL	HYDROLOGICAL DESCRIPTION GROUP	DESCRIPTION
BH	B	BRINKLOW CHANNERY LOAM, 15 TO 25% SLOPES
BIF	B	BRINKLOW-FLOCKTOWN CHANNERY LOAMS, 25 TO 65% SLOPES
Co	C/D	DOCKRUS AND HAIBORO SILT LOAMS, 0 TO 3% SLOPES
GGB	B	GENEGLO LOAM, 3 TO 8% SLOPES
GGC	B	GENEGLO LOAM, 8 TO 15% SLOPES
MCD	B	MANOR LOAM, 15 TO 20% SLOPES
MKF	B	MANOR-BRINKLOW COMPLEX, 25 TO 65% SLOPES



**VICINITY MAP**

SCALE: 1"=2000'  
ADC 14 E-1

**GENERAL NOTES:**

- THE SUBJECT PROPERTY IS ZONED RC-DEO PER THE 7/28/2006 COMPREHENSIVE ZONING PLAN.
- PARCEL BACKGROUND:**  
TAX MAP : 12  
PARCEL : 78, BULK PARCEL C, PLAT 22019  
DEED REFERENCE: LIBER 14774 FOLIO 467  
ELECTION DISTRICT : 4th  
ZONING : RC-DEO  
AREA : 29.37 ACRES ±
- 2' TOPOGRAPHY FOR THE DEVELOPED AREAS IS BASED ON A FIELD RUN SURVEY BY MILDENBERG BOENDER AND ASSOC. ON OR ABOUT SEP. 2001. 2' TOPOGRAPHY FOR THE NON-DEVELOPED AREAS IS BASED ON HOWARD COUNTY 200 SCALE MAPS.
- PRIVATE WELL AND SEPTIC WILL BE UTILIZED.
- SOILS DATA BASED ON THE USDA SOIL SURVEY OF HOWARD COUNTY, MD, DATED MAY, 2008.
- THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF AT LEAST 10,000 SQ. FT. AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THIS EASEMENT 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 SEWERAGE EASEMENT, & RECORDATION OF A MODIFIED EASEMENT SHALL NOT BE NECESSARY.
- THIS AREA DESIGNATES AN EXISTING SEWERAGE EASEMENT.
- THIS SYMBOL DESIGNATES A PROPOSED WELL LOCATION.
- THIS SYMBOL DESIGNATES A PASSING SEPTIC TEST HOLE.
- THIS SYMBOL DESIGNATES A FAILED SEPTIC TEST HOLE.
- TO THE BEST OF OUR KNOWLEDGE ALL ADJACENT RELEVANT WELL AND SEPTIC SYSTEMS WITHIN 100 FEET OF THE PROPERTY HAVE BEEN SHOWN.
- ANY CHANGES TO A PRIVATE SEWERAGE EASEMENT SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN.
- EXISTING WELLS, SEPTIC SYSTEMS, AND SEWAGE DISPOSAL AREAS WITHIN 100' OF THE PROPERTY AND THOSE WELLS WITHIN 200' DOWN GRADIENT OF EXISTING OR PROPOSED SEPTIC SYSTEMS OR SEWAGE DISPOSAL AREAS HAVE BEEN SHOWN.
- THE WELL SHALL BE DRILLED PRIOR TO HEALTH DEPARTMENT APPROVAL OF THE BUILDING PERMIT. IT IS THE DEVELOPER'S RESPONSIBILITY TO SCHEDULE THE WELL DRILLING PRIOR TO APPLYING FOR A BUILDING PERMIT. IT WILL NOT BE CONSIDERED "GOVERNMENT DELAY" IF THE WELL DRILLING HOLDS UP HEALTH DEPARTMENT APPROVAL OF THE BUILDING PERMIT.
- THIS SYMBOL DESIGNATES WELL ZONE 'A' (CONTAINING WELL HO-14-0198 DATED APRIL 28, 2015).

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS

*Donna Lynn Shapiro* 5/19/2015  
HOWARD COUNTY HEALTH OFFICER H.O. DATE



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 09/03/2016.

R. JACOB HIKMAT, P.E. 5/05/2015  
DATE

Project	13-020	Date	APR 2015
Illustration	MES	Engineering	MES
Scale	1" = 100'	Approval	RIH

2. REVISE WELL ZONE LOCATION TO MATCH EXISTING WELL		5/04/2015
1. REVISE WELL ZONE LOCATION.	description	4/01/2015
no.	description	date
	revisions	

**CHELSEA KNOLLS PARCEL C**  
TAX MAP 12, GRID 5, PARCEL 78, PLAT 22019  
FOURTH ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND  
PERCOLATION CERTIFICATION PLAN

**MILDENBERG, BOENDER & ASSOC., INC.**  
Engineers Surveyors Planners  
6800 Deepwater Road, Suite 150, Ellicott City, MD 21075  
(410) 997-0286 Bldg. (410) 997-0288 Fax

**OWNER/DEVELOPER**

DONNA LYNN SHAPIRO  
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MT. AIRY, MD 21711