

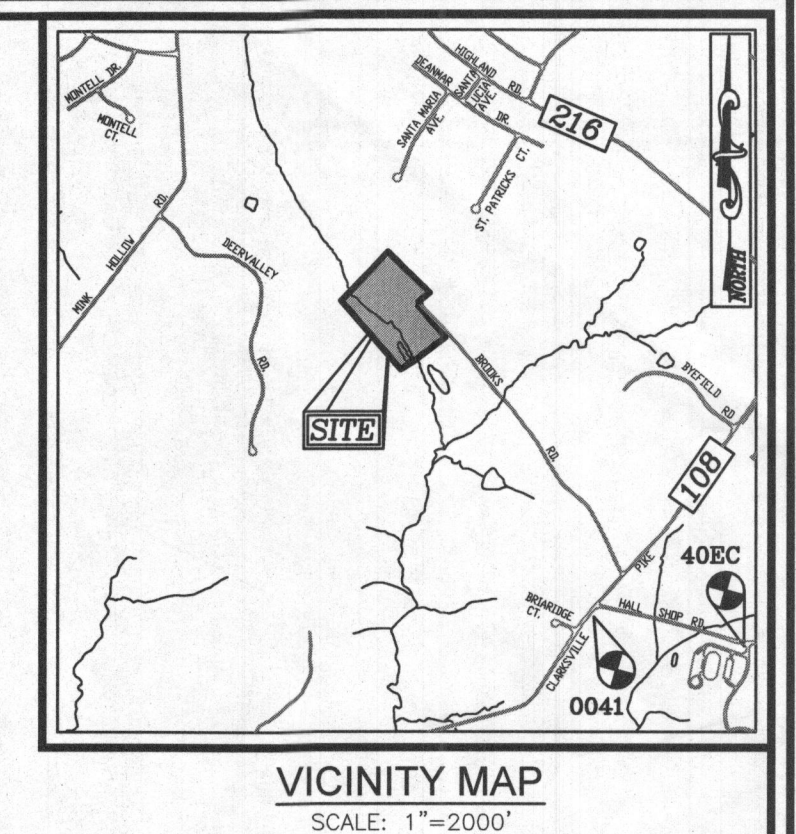
SOILS LEGEND				
SYMBOL	NAME / DESCRIPTION	GROUP	K-FACTOR	ERODIBLE
BaB	BENEVOLE SILT LOAM, 3 TO 8 PERCENT SLOPES	C	43	YES
GhB	CLENVILLE SILT LOAM, 3 TO 8 PERCENT SLOPES	C	43	YES
MdC	MANOR LOAM, 8 TO 15 PERCENT SLOPES	B	28	NO
MdD	MANOR LOAM, 15 TO 25 PERCENT SLOPES	B	28	YES
WhA	WILTSHIRE SILT LOAM, 0 TO 3 PERCENT SLOPES	C	20	NO
WhB	WILTSHIRE SILT LOAM, 3 TO 8 PERCENT SLOPES	C	20	NO

NOTE:
 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:	
	PROPERTY LINE
	ADJACENT PROPERTY LINE
	EXISTING EDGE OF PAVING
	EXISTING STREAM
	EXISTING UTILITY POLE
	EXISTING WELL
	EXISTING TREELINE
	EXISTING TREES
	EXISTING WOOD FENCE
	EX. 80' USE-IN-COMMON RIGHT-OF-WAY TO BROOKS ROAD (L. 679 / F. 569)
	EXISTING 10' CONTOUR
	EXISTING 2' CONTOUR
	SOILS
	PROPOSED TEST PIT

BENCHMARKS	
HOWARD COUNTY BENCHMARK 0041 (CONC. MON.)	N 547778.44 E 1322100.79 ELEV. 449.18
ROUTE 108 SOUTH OF CORNER HALL SHOP RD.	
HOWARD COUNTY BENCHMARK 40EC (CONC. MON.)	N 547468.51 E 1323669.56 ELEV. 466.14
INTERSECTION OF HALL SHOP RD. AND ENTRANCE TO SCHOOLEY MILL PARK	



THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF AT LEAST 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THESE EASEMENTS 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 SEWERAGE EASEMENT SHALL NOT BE NECESSARY.

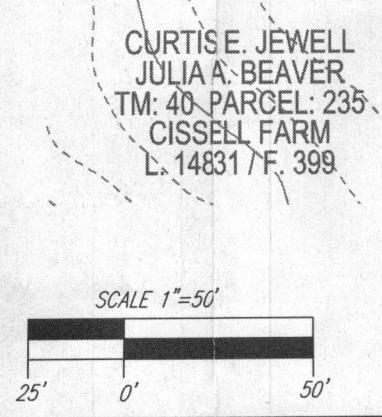
- GENERAL NOTES**
1. THIS SUBJECT PROPERTY IS ZONED RR-DEO.
 2. PROPERTY OUTLINE SHOWN HEREON IS BASED ON FIELD BOUNDARY SURVEY PERFORMED BY ROBERT H. VOGEL ENGINEERING, INC., DATED JANUARY, 2015.
 3. DEED REFERENCES: LIBER 14402 FOLIO 74
LIBER 15055 FOLIO 413
 4. THE EXISTING TOPOGRAPHY IS TAKEN FROM FIELD RUN TOPOGRAPHICAL SURVEY PERFORMED BY ROBERT H. VOGEL ENGINEERING, INC., DATED JANUARY, 2015, AND HOWARD COUNTY GIS.
 5. SOIL TYPES SHOWN HEREON ARE FROM THE USDA WEB SOIL SURVEY.
 6. ALL WELLS AND SEPTIC SYSTEMS WITHIN 100' FROM THE PROPERTY BOUNDARIES HAVE BEEN SHOWN.
 7. ANY CHANGE TO A PRIVATE SEWERAGE EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
 8. ADJUSTMENT TO THE SEPTIC EASEMENT AREA IS NOT PERMITTED WITHOUT ADDITIONAL TESTING.
 9. THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
 10. EXISTING WELLS AND/OR SEWERAGE EASEMENTS WITHIN 100 FEET OF THE PROPERTY HAVE BEEN SHOWN FROM THE BEST AVAILABLE INFORMATION.
 11. ALL BUILDING SITES SHOWN COMPLY WITH MINIMUM BUILDING RESTRICTION REGULATIONS.
 12. THE PURPOSE OF THIS PERCOLATION CERTIFICATION PLAN IS TO CREATE AND DEFINE AN PRIVATE SEPTIC EASEMENT FOR THE PROPERTY / PROJECT IN ACCORDANCE WITH THE STATE AND COUNTY CODES.

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS.

COUNTY HEALTH OFFICER _____ DATE _____

PERCOLATION CERTIFICATION:
 I CERTIFY THAT THE LOCATIONS SHOWN HEREON ARE BASED ON FIELD LOCATIONS DONE UNDER MY DIRECT SUPERVISION, AND ARE CORRECT, TO THE BEST OF MY PROFESSIONAL KNOWLEDGE AND BELIEF.

THOMAS M. HOFFMAN, JR. _____ DATE _____
 PROFESSIONAL LAND SURVEYOR No. 267



NO.	REVISION	DATE

PERCOLATION TEST PLAN

FORTUNE PROPERTY
 6902 BROOKS ROAD
 HIGHLAND, MD 20777
 (L. 14402 / F. 74 & L. 15055 / F. 413)

THOMAS FRANCE
 TM: 40, F
 L. 587,
 PAJ
 5.7
 USE: AGF
 ZONET

ZONED: RR-DEO
 PARCEL: 421 & 243
 HOWARD COUNTY, MARYLAND

ROBERT H. VOGEL ENGINEERING, INC.
 ENGINEERS • SURVEYORS • PLANNERS
 8407 MAIN STREET
 ELLICOTT CITY, MD 21043
 TEL: 410.461.7666
 FAX: 410.461.8961

PROFESSIONAL CERTIFICATE

DESIGN BY: _____ RHV
 DRAWN BY: _____ JMR
 CHECKED BY: _____ RHV
 DATE: FEBRUARY 2015
 SCALE: 1"=50'
 W.O. NO.: 14-60

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. 16193
 EXPIRATION DATE: 09-29-2016

1 SHEET OF 1

SOILS LEGEND				
SYMBOL	NAME / DESCRIPTION	GROUP	K-FACTOR	ERODIBLE
BvB	BENEVOLE SILT LOAM, 3 TO 8 PERCENT SLOPES	C	.43	YES
GvB	GLENVILLE SILT LOAM, 3 TO 8 PERCENT SLOPES	C	.43	YES
MvC	MANOR LOAM, 8 TO 15 PERCENT SLOPES	B	.28	NO
MvD	MANOR LOAM, 15 TO 25 PERCENT SLOPES	B	.28	YES
WvA	WILTSHIRE SILT LOAM, 0 TO 3 PERCENT SLOPES	C	.20	NO
WvB	WILTSHIRE SILT LOAM, 3 TO 8 PERCENT SLOPES	C	.20	NO

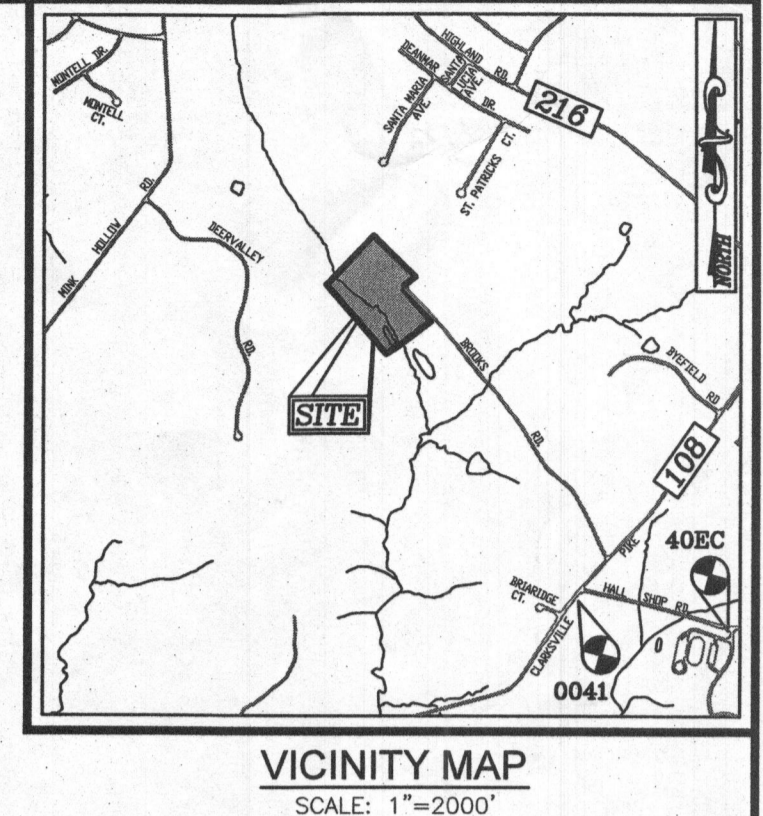
NOTE:
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-SOILS INFORMATION FROM USDA WEB SOIL SURVEY WEBSITE
-HOWARD COUNTY SOILS MAP NUMBER 22 - CLARKSVILLE SW

LEGEND:	
	PROPERTY LINE
	ADJACENT PROPERTY LINE
	EXISTING EDGE OF PAVING
	EXISTING STREAM
	EXISTING UTILITY POLE
	EXISTING WELL
	EXISTING TREELINE
	EXISTING TREES
	EXISTING WOOD FENCE
	EX. 60' USE-IN-COMMON RIGHT-OF-WAY TO BROOKS ROAD (L. 679 / F. 569)
	EXISTING 10' CONTOUR
	EXISTING 2' CONTOUR
	SOILS
	PROPOSED TEST PIT

BENCHMARKS
HOWARD COUNTY BENCHMARK 0041 (CONC. MON.)
N 547778.44 E 1322100.79 ELEV. 448.18
ROUTE 108 SOUTH OF CORNER HALL SHOP RD.
HOWARD COUNTY BENCHMARK 40EC (CONC. MON.)
N 547468.51 E 1323669.56 ELEV. 466.14
INTERSECTION OF HALL SHOP RD. AND ENTRANCE TO SCHOOLEY MILL PARK

THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF AT LEAST 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THESE EASEMENTS 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 SEWERAGE EASEMENT SHALL NOT BE NECESSARY.



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APPROVED: FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS.

COUNTY HEALTH OFFICER _____ DATE _____

PERCOLATION CERTIFICATION:
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THOMAS M. HOFFMAN, JR. _____ DATE _____
PROFESSIONAL LAND SURVEYOR No. 267

CURTIS E. JEWELL
JULIA A. BEAVER
TM: 40 PARCEL: 235
CISSELL FARM
L. 14831 / F. 389

SCALE 1"=50'

PLAN SCALE
SCALE: 1"=50'

NO.	REVISION	DATE

PERCOLATION TEST PLAN
FORTUNE PROPERTY
6902 BROOKS ROAD
HIGHLAND, MD 20777
(L. 14402 / F. 74 & L. 15055 / F. 413)

5TH ELECTION DISTRICT
TAX MAP: 40 GRID: 03

ZONED: RR-DEO
PARCEL: 421 & 243
HOWARD COUNTY, MARYLAND

ROBERT H. VOGEL ENGINEERS, INC.
ENGINEERS • SURVEYORS • PLANNERS
8407 MAIN STREET
ELLCOTT CITY, MD 21043
TEL: 410.461.7666
FAX: 410.461.8961

PROFESSIONAL CERTIFICATE

DESIGN BY: _____ RHV
DRAWN BY: _____ JMR
CHECKED BY: _____ RHV
DATE: _____ FEBRUARY 2015
SCALE: 1"=50'
W.O. NO.: _____ 14-60

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. 18193, EXPIRATION DATE: 08-27-2016.

1 SHEET OF 1

SYMBOL	NAME / DESCRIPTION	GROUP	K-FACTOR	ERODIBLE
BsB	BENEVOLE SILT LOAM, 3 TO 8 PERCENT SLOPES	C	.43	YES
GmB	GLENNVILLE SILT LOAM, 3 TO 8 PERCENT SLOPES	C	.43	YES
MnC	MANOR LOAM, 8 TO 15 PERCENT SLOPES	B	.28	NO
MdD	MANOR LOAM, 15 TO 25 PERCENT SLOPES	B	.28	YES
WhA	WILTSHIRE SILT LOAM, 0 TO 3 PERCENT SLOPES	C	.20	NO
WhB	WILTSHIRE SILT LOAM, 3 TO 8 PERCENT SLOPES	C	.20	NO </tr

SOILS INFORMATION FROM USDA WEB SOIL SURVEY WEBSITE
 HOWARD COUNTY SOILS MAP NUMBER 22 - CLARKSVILLE SW

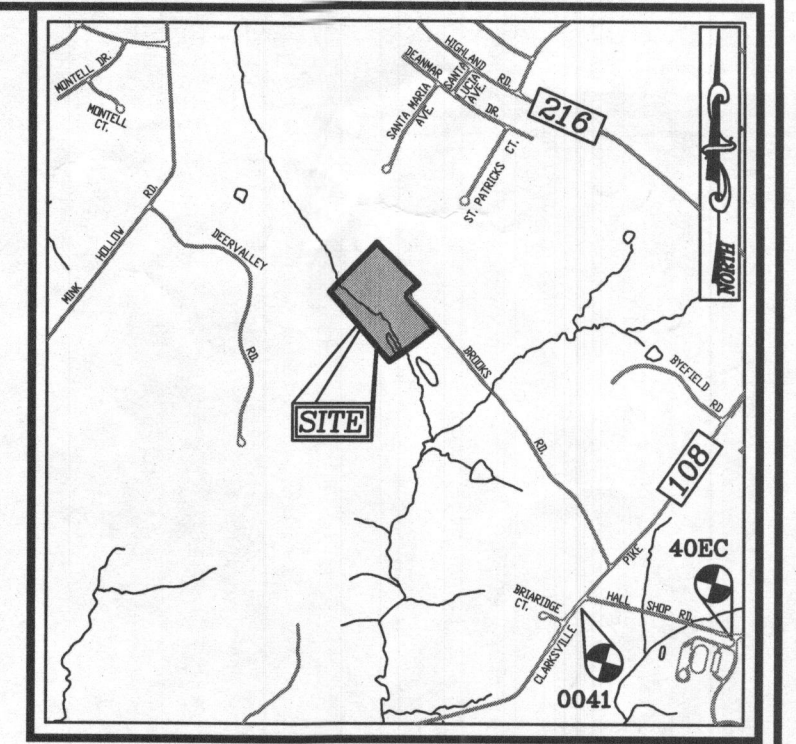
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- EXISTING STREAM
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- EXISTING WELL
- EXISTING TREELINE
- EXISTING TREES
- EXISTING WOOD FENCE
- EX. 60' USE-IN-COMMON RIGHT-OF-WAY TO BROOKS ROAD (L. 679 / F. 569)
- EXISTING 10' CONTOUR
- EXISTING 2' CONTOUR
- SOILS
- PROPOSED PERC. TEST
- PASSED PERC. TEST
- FAILED PERC. TEST

BENCHMARKS

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 N 547778.44 E 1322100.79 ELEV. 449.18
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See perc test date



NO.	REVISION	DATE

PERCOLATION TEST PLAN
FORTUNE PROPERTY
 6902 BROOKS ROAD
 HIGHLAND, MD 20777
 (L. 14402 / F. 74 & L. 15055 / F. 413)

ZONED: RR-DEO
 PARCEL: 421 & 243
 HOWARD COUNTY, MARYLAND

5TH ELECTION DISTRICT
 TAX MAP: 40 GRID: 03

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DESIGN BY: _____ RHV		PROFESSIONAL CERTIFICATE	
DRAWN BY: _____ JMR		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. 16193, EXPIRATION DATE: 09-27-2016	
CHECKED BY: _____ RHV		SCALE: 1"=50'	
DATE: APRIL 2015		W.O. NO.: 14-60	
SCALE: 1"=50'		1 SHEET OF 1	

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS.

COUNTY HEALTH OFFICER _____ DATE _____

PERCOLATION CERTIFICATION:
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THOMAS M. HOFFMAN, JR. _____ DATE _____
 PROFESSIONAL LAND SURVEYOR No. 267

CURTIS E. JEWELL
 JULIA A. BEAVER
 TM: 40 PARCEL: 235
 CISCHELL FARM
 L. 14831 / F. 399
 3.75 AC.
 USE: RESIDENTIAL

SCALE 1"=50'

PLAN SCALE
 SCALE: 1"=50'