

APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) 9/21/04 TEST TIME _____ A# 520802

AGENCY REVIEW: _____ DATE 7/28/2004

TAX ID # 05-346738

DO NOT WRITE ABOVE THIS LINE

I HEREBY APPLY FOR THE NECESSARY TESTING/EVALUATION PRIOR TO ISSUANCE OF SEWAGE DISPOSAL SYSTEM PERMIT(S) TO:

CHECK AS NEEDED:

- CONSTRUCT NEW SEPTIC SYSTEM(S)
- REPAIR/ADD TO AN EXISTING SEPTIC SYSTEM
- REPLACE AN EXISTING SEPTIC SYSTEM

CHECK ONE:

- CREATE NEW LOT(S)
- BUILD ON AN EXISTING LOT IN A SUBDIVISION
- BUILD ON AN EXISTING PARCEL OF RECORD

CHECK AS NEEDED:

- NEW STRUCTURE(S)
- ADDITION TO AN EXISTING STRUCTURE
- REPLACE AN EXISTING STRUCTURE

IS THE PROPERTY WITHIN 2500' OF ANY RESERVOIR?

- YES
- NO

THE TYPE OF STRUCTURE IS:

- RESIDENTIAL WITH 6 PROPOSED BEDROOMS IN THE COMPLETED STRUCTURE (NOTE **UNKNOWN** IF APPROPRIATE)
- COMMERCIAL (PROVIDE DETAIL OF NUMBERS AND TYPES OF EMPLOYEES/ CUSTOMERS ON ACCOMPANYING PLAN)
- INSTITUTIONAL/GOVERNMENT (PROVIDE DETAIL OF NUMBERS AND TYPES OF EMPLOYEES/USERS ON ACCOMPANYING PLAN)

PROPERTY OWNER(S) STEVEN L. ROSENTHAL

DAYTIME PHONE _____ CELL _____ FAX _____

MAILING ADDRESS 7020 GUILFORD RD CLARKSVILLE MD 21029
STREET CITY/TOWN STATE ZIP

APPLICANT JAMES H. SELFRIDGE BUILDERS

DAYTIME PHONE (410) 531-8930 CELL _____ FAX _____

MAILING ADDRESS 14045 GARED DRIVE GLENWOOD MD 21738
STREET CITY/TOWN STATE ZIP

APPLICANT'S ROLE: DEVELOPER BUILDER BUYER RELATIVE/FRIEND REALTOR CONSULTANT

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME CLARKSVILLE MEADOW LOT NO. 7

PROPERTY ADDRESS 7020 GUILFORD RD CLARKSVILLE MD 21029
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 35 GRID 21 PARCEL(S) 296 PROPOSED LOT SIZE 1.81Ac±

AS APPLICANT, I UNDERSTAND THE FOLLOWING: THE SYSTEM INSTALLED SUBSEQUENT TO THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC SEWERAGE IS AVAILABLE. THIS APPLICATION IS COMPLETE WHEN ALL APPLICABLE FEES AND A SUITABLE SITE PLAN HAVE BEEN RECEIVED. I ACCEPT THE RESPONSIBILITY FOR COMPLIANCE WITH ALL M.O.S.H.A. AND "MISS UTILITY" REQUIREMENTS. APPROVAL IS BASED UPON SATISFACTORY REVIEW OF A PERC CERTIFICATION PLAN.

TEST RESULTS WILL BE MAILED TO APPLICANT. Nancy M. Bome, Agent
SIGNATURE OF APPLICANT

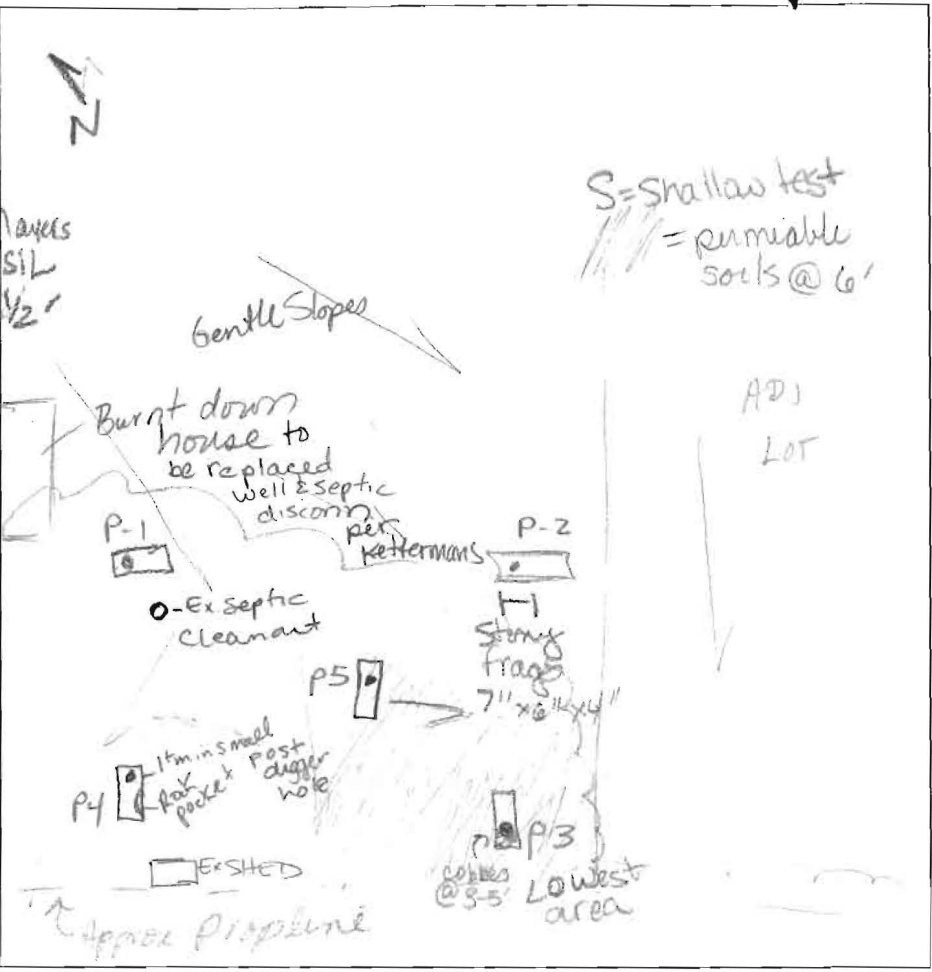
HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM
3525-H ELLICOTT MILLS DRIVE, ELLICOTT CITY, MARYLAND 21043-4544 (410) 313-1771 FAX (410) 313-2648
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

(P3)
 org brn
 Si L 2dsbk 2 1/2'
 S W A L L
 Pocket w/ red
 rock
 cobbles
 30%
 w.c. sig.
 6'-6 1/2'
 Strong ybrn
 loam
 sig. // w/pl
 few lg stones
 & cherry
 frags ~15%
 DRY
 Bottom 12'

(P1)
 strong red
 gritty
 micac
 loam/wpl
 2p sig.
 5'

(P2)
 Lg stony
 frags uphill
 side 2'-5'
 sm sbf peads
 to 2'
 2'
 Red massive
 Si L ...
 3-4'
 str org
 gritty loam
 6'

(P2)
 strong yellow
 SL
 sig. Trace
 Bottom 12'



S = shallow test
 // = permeable
 soils @ 6'

(P4)
 org mat
 roots to 12"
 3 ppl v. friable
 struct. loam
 2'
 Transition
 area
 S.
 5'
 wk red
 v. micac
 gritty loam
 >50%¹⁰
 lg stones
 12'

(P5)
 Dark ybrn
 Si L
 org compact
 Si L
 6'
 3wpl
 loam
 R₂ 10°/10
 Transition layer
 7'
 38'
 brn
 micac
 loam
 12'
 Bottom

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
9/21/04	(P3)	5 1/2' S'	9:30	9:39 (MOIST)	Will 60@	6 1/2-7	EST 10-15
	(P1)	4 1/2' S'	9:43	9:45	9:50	5	P
	(P2)	5 1/2' S'	10:02	10:14	10:36	17	P
	(P4)	5 1/2' S'	10:22 ⁺	10:23	10:23 ⁺	repair	F
		TESTED IN 4' buffer above rock	10:24 ⁺	10:25 ⁺	10:26		
			10:26	10:27 ⁺			
		ADJUST 25' from P4					P4 id's Lin Rock 20
	(P5)	8'	10:52	11:12	11:30	18	P

REMARKS Soils Very micac v.f. SAND, Mica ↑ % , in Si, LITTLE CLAY
 SANITARIAN Race BACKHOE Ketherman OTHERS _____
 TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____
 TRENCH WIDTH _____ INLET DEPTH 4 MAX. BOT DEPTH 8 EFFECTIVE SW _____
 Effective area begins at 5 1/2-6'



Howard County Health Department

WAITING ON PLAN

RECEIVED + Giving back get

APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) 8/31/04 TEST TIME 9AM A# 520842

AGENCY REVIEW: _____ DATE 8/23/04

DO NOT WRITE ABOVE THIS LINE

I HEREBY APPLY FOR THE NECESSARY TESTING/EVALUATION PRIOR TO ISSUANCE OF SEWAGE DISPOSAL SYSTEM PERMIT(S) TO:

CHECK AS NEEDED:

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CHECK ONE:

- CREATE NEW LOT(S)
- BUILD ON AN EXISTING LOT IN A SUBDIVISION
- BUILD ON AN EXISTING PARCEL OF RECORD

IS THE PROPERTY WITHIN 2500' OF ANY RESERVOIR?

- YES
- NO

THE TYPE OF STRUCTURE IS:

- RESIDENTIAL WITH 5 PROPOSED BEDROOMS IN THE COMPLETED STRUCTURE (NOTE **UNKNOWN** IF APPROPRIATE)
- COMMERCIAL (PROVIDE DETAIL OF NUMBERS AND TYPES OF EMPLOYEES/ CUSTOMERS ON ACCOMPANYING PLAN)
- INSTITUTIONAL/GOVERNMENT (PROVIDE DETAIL OF NUMBERS AND TYPES OF EMPLOYEES/USERS ON ACCOMPANYING PLAN)

PROPERTY OWNER(S) Steven L. ROSENTHAL

DAYTIME PHONE _____ CELL _____ FAX _____

MAILING ADDRESS 7020 GUILFORD ROAD CLARKSVILLE MD. 21029-1630
STREET CITY/TOWN STATE ZIP

APPLICANT K&K EXCAVATING INC.

DAYTIME PHONE 410-442-1336 CELL 410-984-8230 FAX 410-442-1335

MAILING ADDRESS P.O. Box 280 LISBON MD. 21765
STREET CITY/TOWN STATE ZIP

APPLICANT'S ROLE: DEVELOPER BUILDER BUYER RELATIVE/FRIEND REALTOR CONSULTANT

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME CLARKSVILLE MEADOWS LOT NO. 407

PROPERTY ADDRESS _____
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 35 GRID _____ PARCEL(S) 296 PROPOSED LOT SIZE 1.81

AS APPLICANT, I UNDERSTAND THE FOLLOWING: THE SYSTEM INSTALLED SUBSEQUENT TO THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC SEWERAGE IS AVAILABLE. THIS APPLICATION IS COMPLETE WHEN ALL APPLICABLE FEES AND A SUITABLE SITE PLAN HAVE BEEN RECEIVED. I ACCEPT THE RESPONSIBILITY FOR COMPLIANCE WITH ALL M.O.S.H.A. AND "MISS UTILITY" REQUIREMENTS. APPROVAL IS BASED UPON SATISFACTORY REVIEW OF A PERC CERTIFICATION PLAN.

TEST RESULTS WILL BE MAILED TO APPLICANT. Judith Stetterman
SIGNATURE OF APPLICANT

HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM
3525-H ELLICOTT MILLS DRIVE, ELLICOTT CITY, MARYLAND 21043-4544 (410) 313-1771 FAX (410) 313-2648
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

A/P _____

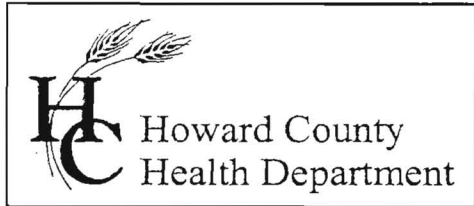
DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H

REMARKS _____

SANITARIAN _____ BACKHOE _____ OTHERS _____

TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____

TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____



3525 H Ellicott Mills Drive, Ellicott City, MD 21043
(410) 313-2640 Fax (410) 313-2648
TDD (410) 313-2323 Toll Free 1-866-313-6300
website: www.hchealth.org

Penny E. Borenstein, M.D., M.P.H., Health Officer

August 27, 2004

Mr. Rosenthal
7020 Guilford Road
Clarksville MD, 21029

RE: Percolation Test Date
Proposed Use: Adjustment of Septic Easement
Property ID: Clarksville Meadow
Tax Map: 35 Parcel #: 296

Dear Mr. Rosenthal

Percolation testing has been tentatively scheduled for the above referenced property for Tuesday September 21, 2004. Please call this office at 410-313-1771 to confirm your acceptance of this percolation test date.


You shall be responsible for having a contractor on site to excavate the test holes at the corners and middle of the proposed septic area.

In the event of uncertain weather, please contact this office prior to 9:00 a.m. on the test date to determine whether or not percolation testing can be performed on that date. If it is not feasible to perform the test, a new test date shall be assigned.

Percolation test results may be expected by mail two weeks after the completion of the percolation testing.

Thank you in advance for your cooperation in this matter.

Sincerely,

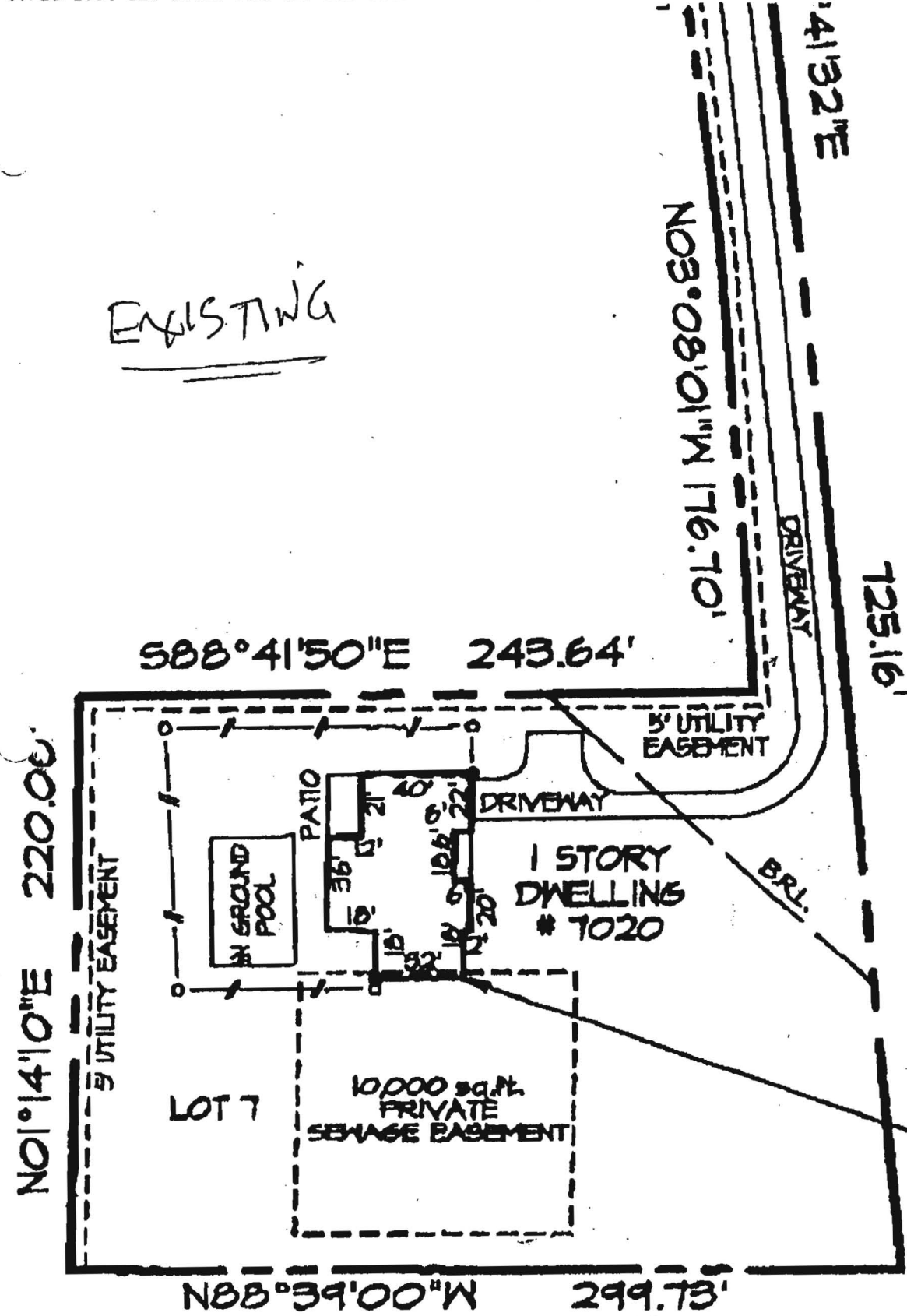


Kevin J. Bell
Water and Sewer Program

Cc: James H. Selfridge Builders
K & K Excavating Inc.

File

EXISTING

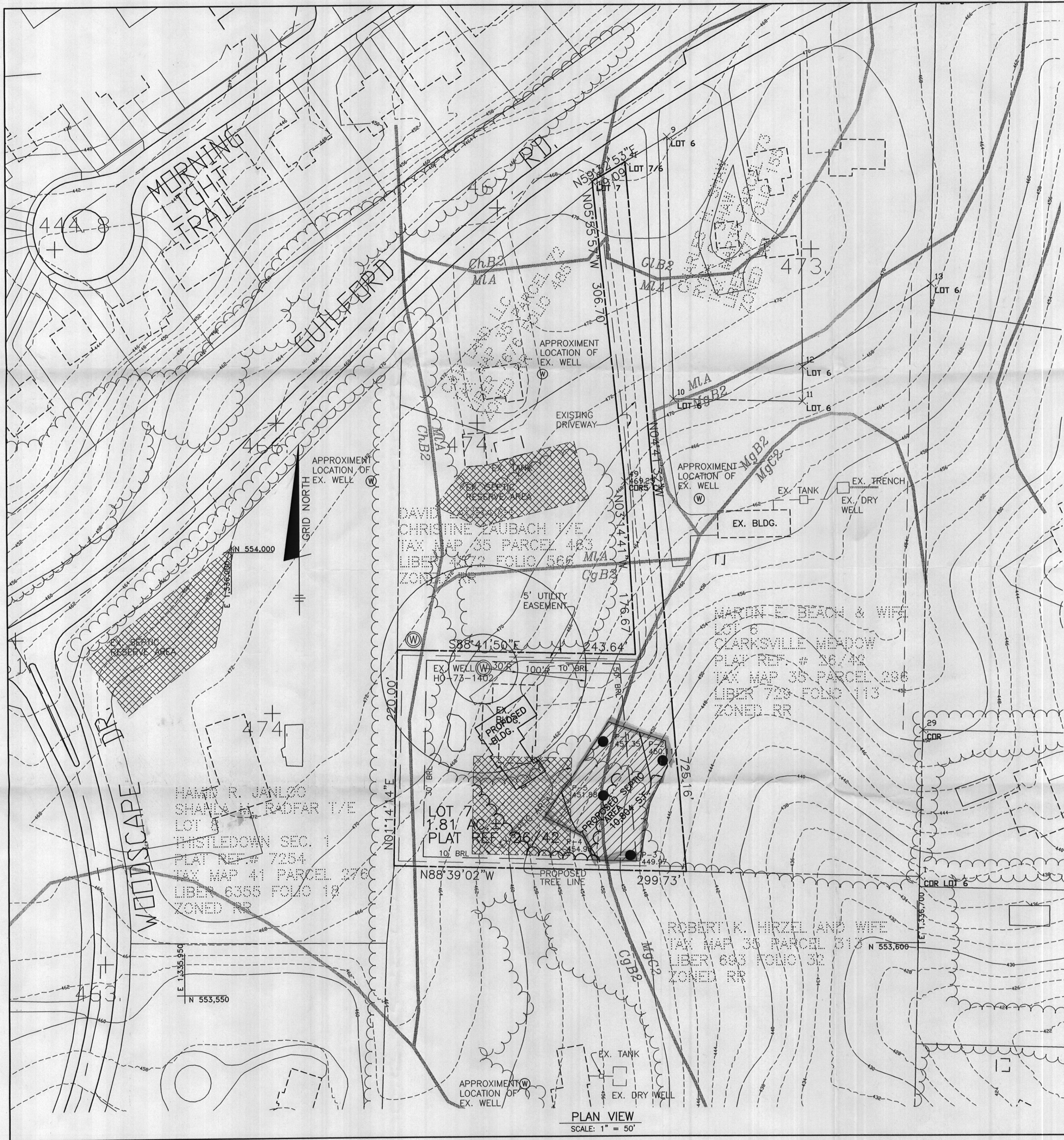


RS CERTIFICATE

Scale 1" = 50'

HAS BEEN PREPARED IN ACCORDANCE
RDS OF PRACTICE FOR PROFESSIONAL
IN STATE OF MARYLAND

1. LOT 7
PLAT OF CLARK



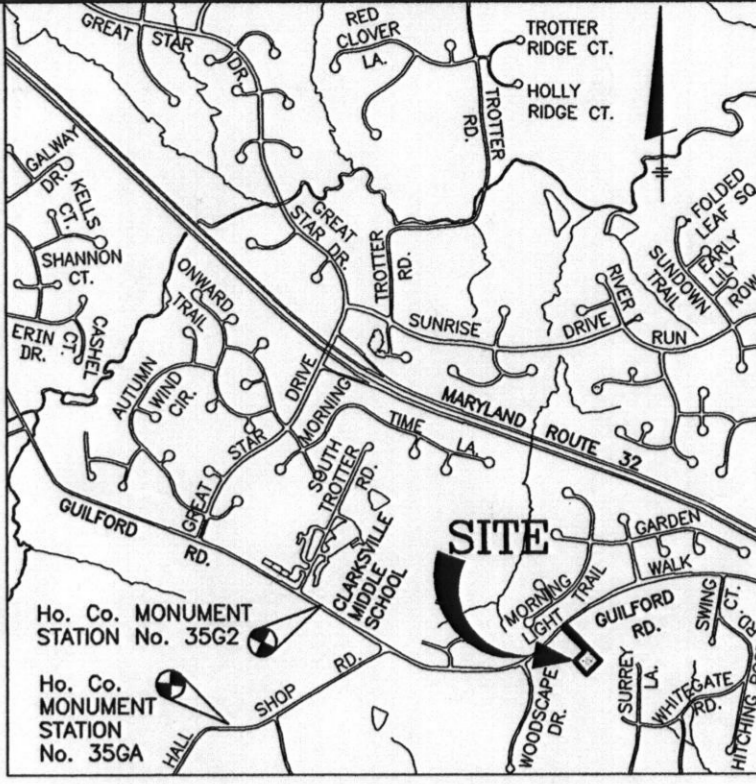
PLAN VIEW
SCALE: 1" = 50'

LEGEND

- SOILS CLASSIFICATION
- SOILS DELINEATION
- EXISTING CONTOURS (HOWARD COUNTY DIGITAL)
- LIMIT OF WETLANDS
- EXISTING WOODS LINE
- PROPOSED WOODS LINE
- EXISTING STRUCTURE
- PROPOSED STRUCTURE
- EXISTING WELL
- EXISTING SEPTIC FIELD
- PROPOSED SEPTIC FIELD
- PROPOSED WELL
- 1500 S.F. WELL ZONE
- FAILED PERCOLATION TEST
- PASSED PERCOLATION TEST

BENCHMARKS NAD'83 HORIZONTAL
 HO. CO. #35G2
 STAMPED BRASS DISK SET ON TOP OF
 CONCRETE BASE
 N554985.894' E1332934.9'

HO. CO. #35GA
 STAMPED BRASS DISK SET ON TOP OF
 CONCRETE BASE
 N553249.706' E1332627.3'



NOTES

1. THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY THE STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWER 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 PLAT SHALL NOT BE NECESSARY.
2. TOPOGRAPHY SHOWN HEREON IS BASED ON INFORMATION PURCHASED FROM HOWARD COUNTY GEOGRAPHICAL INFORMATION SYSTEMS.
3. EXISTING WELLS AND/OR SEWERAGE EASEMENTS WITHIN 100 FEET OF THE PROPOSED LOT HAVE SHOWN FROM THE BEST AVAILABLE INFORMATION.
4. THE EXISTING WELL SHOWN ON THIS PLAN, HO-73-1402, HAS BEEN FIELD LOCATED BY BENCHMARK ENGINEERING, INC., AND IS ACCURATELY SHOWN.

SOILS LEGEND		
MAP SYMBOL	SOIL GROUP	SOIL TYPE
	CgB2	CHESTER GRAVELLY SILT LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED
	ChB2	CHESTER SILT LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED
	GIB2	GLENELG LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED
	MgB2	MANOR GRAVELLY LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED
	MgC2	MANOR GRAVELLY LOAM, 8 TO 15 PERCENT SLOPES, MODERATELY ERODED
	MIA	MANOR LOAM, 0 TO 3 PERCENT SLOPES

* INDICATES HYDRIC SOILS
 TAKEN FROM SOILS SURVEY, ISSUED JULY 1988, MAP NO. 23 & 28

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.

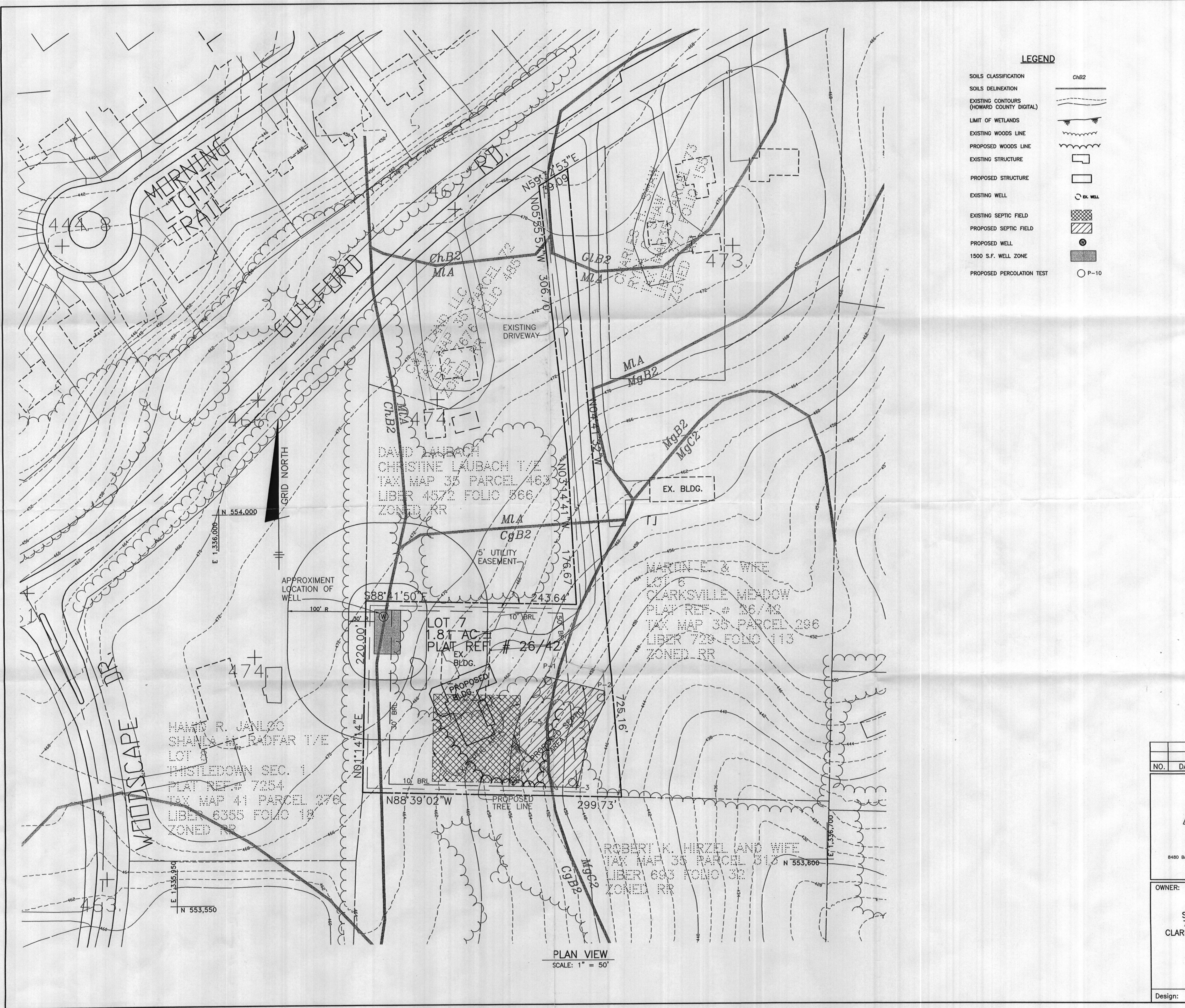
John Carney
 JOHN CARNEY, FOR BENCHMARK ENGINEERING INC.
 PLAN PREPARER

New Perc. Plat

APPROVED FOR PRIVATE WATER AND SEWERAGE SYSTEM
 HOWARD COUNTY HEALTH DEPARTMENT

Ryan 10/4/04
 HOWARD COUNTY HEALTH OFFICER DATE

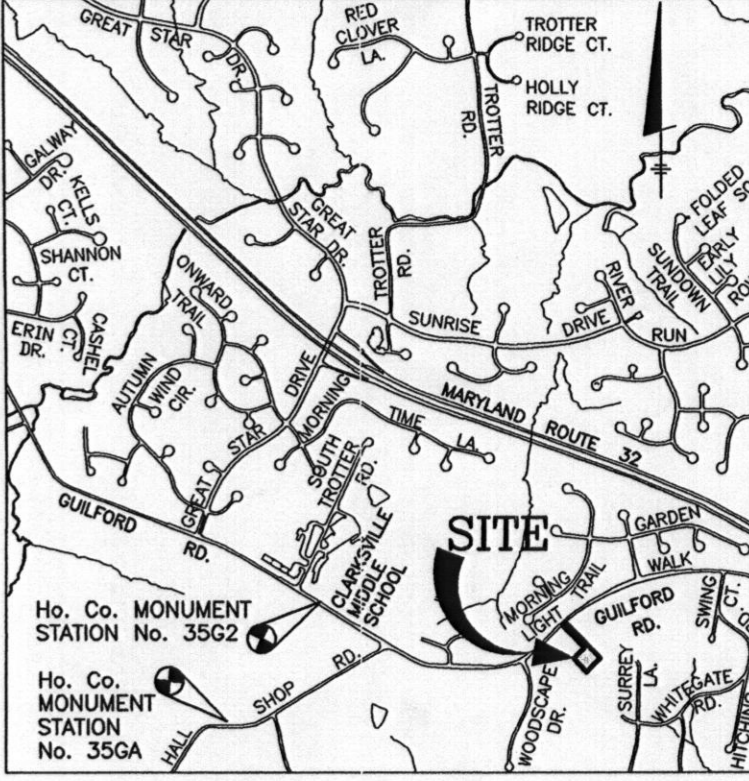
NO.	DATE	REVISION
BENCHMARK ENGINEERS • LAND SURVEYORS • PLANNERS ENGINEERING, INC. 8480 BALTIMORE NATIONAL PIKE • SUITE 418 • ELLICOTT CITY, MARYLAND 21043 PHONE: 410-465-0105 FAX: 410-465-6644		
OWNER:		PROJECT:
STEVEN L. ROSENTHAL 7020 GUILFORD ROAD CLARKSVILLE, MD 21029-1630		PC 520802 CLARKSVILLE MEADOWS LOT 7
LOCATION:		TITLE:
TAX MAP NO. 35 - PARCEL 296 GRID 21 5th ELECTION DISTRICT HOWARD COUNTY, MARYLAND		PERCOLATION CERTIFICATION PLAN
DATE:	AUGUST, 2004	PROJECT NO. 1772
Design: JMC	Draft: EDD	SCALE: 1" = 50'
		DRAWING 1 OF 1



BENCHMARKS NAD'83 HORIZONTAL

HO. CO. #3562
STAMPED BRASS DISK SET ON TOP OF
CONCRETE BASE
N554965.694' E1332934.9'

HO. CO. #356A
STAMPED BRASS DISK SET ON TOP OF
CONCRETE BASE
N553249.706' E1332627.3'



LEGEND

SOILS CLASSIFICATION ChB2

SOILS DELINEATION

EXISTING CONTOURS (HOWARD COUNTY DIGITAL)

LIMIT OF WETLANDS

EXISTING WOODS LINE

PROPOSED WOODS LINE

EXISTING STRUCTURE

PROPOSED STRUCTURE

EXISTING WELL

EXISTING SEPTIC FIELD

PROPOSED SEPTIC FIELD

PROPOSED WELL

1500 S.F. WELL ZONE

PROPOSED PERCOLATION TEST

- NOTES**
- THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY THE STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWER 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 PLAT SHALL NOT BE NECESSARY.
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SOILS LEGEND

MAP SYMBOL	SOIL GROUP	SOIL TYPE
[Symbol]	CgB2	B CHESTER GRAVELLY SILT LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED
[Symbol]	ChB2	B CHESTER SILT LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED
[Symbol]	GIB2	B GLENELG LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED
[Symbol]	MgB2	B MANOR GRAVELLY LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED
[Symbol]	MgC2	C MANOR GRAVELLY LOAM, 8 TO 15 PERCENT SLOPES, MODERATELY ERODED
[Symbol]	MIA	B MANOR LOAM, 0 TO 3 PERCENT SLOPES

* INDICATES HYDRIC SOILS
TAKEN FROM SOILS SURVEY, ISSUED JULY 1968, MAP NO. 23 & 28

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.

John Carney
JOHN CARNEY
PLAN PREPARER

APPROVED FOR PRIVATE WATER AND SEWERAGE SYSTEM
HOWARD COUNTY HEALTH DEPARTMENT

HOWARD COUNTY HEALTH OFFICER _____ DATE _____

PLAN VIEW
SCALE: 1" = 50'

NO.	DATE	REVISION
BENCHMARK ENGINEERS • LAND SURVEYORS • PLANNERS ENGINEERING, INC. 8480 BALTIMORE NATIONAL PIKE • SUITE 418 • ELLICOTT CITY, MARYLAND 21043 PHONE: 410-485-6105 FAX: 410-485-6844		
OWNER:	PROJECT:	
STEVEN L. ROSENTHAL 7020 GUILFORD ROAD CLARKSVILLE, MD 21029-1630	CLARKSVILLE MEADOWS LOT 7	
	LOCATION:	TAX MAP NO. 35 - PARCEL 296 GRID 21 5th ELECTION DISTRICT HOWARD COUNTY, MARYLAND
	TITLE:	PERCOLATION TESTING PLAN
DATE:	JULY, 2004	PROJECT NO. 1772
Design: JMC	Draft: EDD	SCALE: 1" = 50' DRAWING 1 OF 1