



APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) 3/9/2007 TEST TIME 9AM AP 526209
 AGENCY REVIEW: Gabe Creighton DATE 3/30/07

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 AS NEEDED:

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

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 _____ 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) Helen Hackett Foreman & Robert D. Foreman

DAYTIME PHONE _____ CELL _____ FAX _____

MAILING ADDRESS 13754 Old Rover Road West Friendship MD 21794
STREET CITY/TOWN STATE ZIP

APPLICANT Kritzen Royer

DAYTIME PHONE 410-825-3535 CELL _____ FAX 410-825-5215

MAILING ADDRESS 222 Bosley Ave Suite B3 Towson MD 21204
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION SUBDIVISION/PROPERTY NAME _____ LOT NO. _____

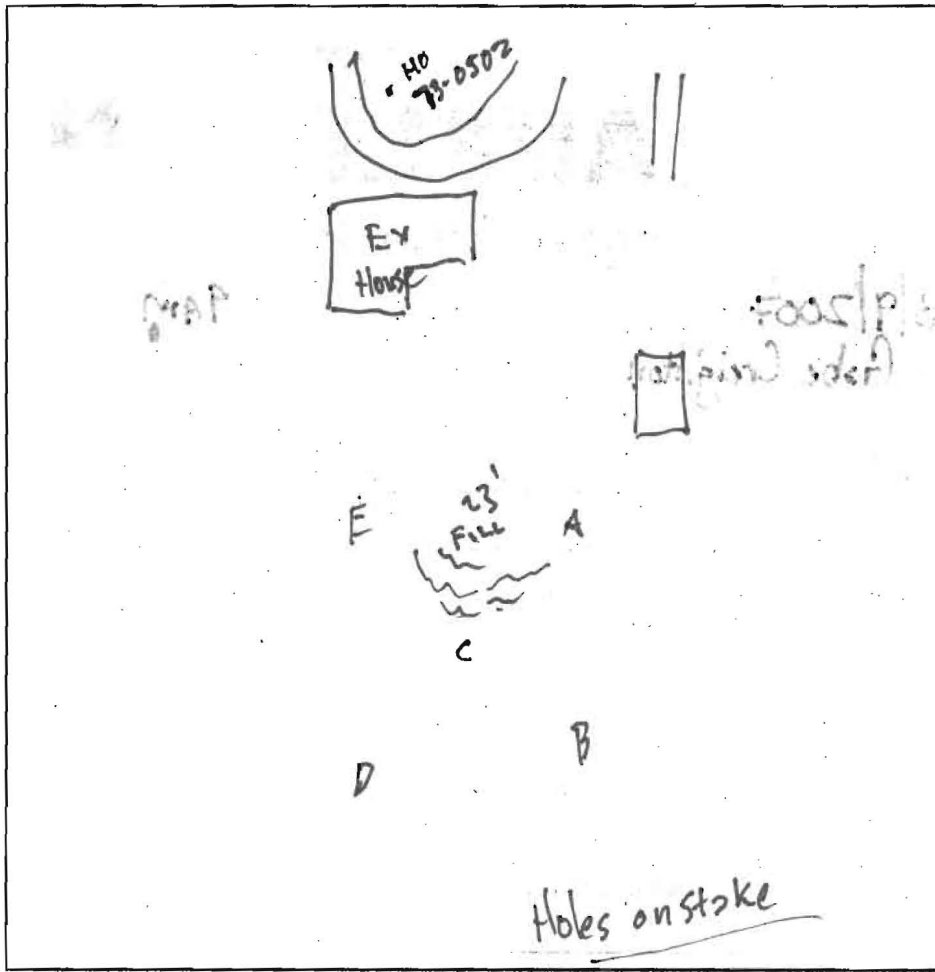
PROPERTY ADDRESS 13754 Old Rover Road West Friendship MD 21794
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 15 GRID 13 PARCEL(S) 64 PROPOSED LOT SIZE 2.04 Act.

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. _____ SIGNATURE OF APPLICANT

HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM
3525-H ELLICOTT MILLS DRIVE, ELLICOTT CITY, MARYLAND 21043-4541 (410) 313-1771 FAX (410) 313-2648
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH



3' Yellow Brown
S/L 10YR
S2CL-H/Lm

5' Yellow Brn
Lm-Salm
15% or less
cobbles

Str Brwn
Salm-L3
25%
Hard-
Med Sapr.

10' ~~Hard Sapr.~~

19' ~~BA (argued)~~

4' Yellow Brwn
S2CL

6' Yellow Brwn
(H) Lm-
Salm

8' Red & Yellow
Lm w/ 15%
cobbles

10 1/2' Yellow Salm
- L3
w/ 25%
Med-
Str Sapr.

3' Str Brwn
S2CL

6' FSL
Str. Brwn
Lm (w/med)
(Salm)

11' med. Sapr.

E

3' Yellow Brwn
Lm

Yellow Red-
Red Yellow
FSL-Lm

Roots
Down into 7'

15' Hard Sapr.

C

3' Yellow Brwn
Lm

Reddish Yellow
Lm-FSL

10' Hard Sapr.
25%

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H
3/9/07	B	4' / 19'	9:22	9:26	9:33	7	SP
	D	4.5 / 10.5	9:43	Fuller	Slow @ 1/2	hr rt inch	
	A	4' / 11	10:06	10:12	10:20	8m	P
	D	5' / 10.5	10:24	10:40	11:15	11m	BH
	E	4' /	10:36	10:43	10:50	7m	P
	C	V / 10'				est 7m	P
	D'	good @ 6'				est 15	P

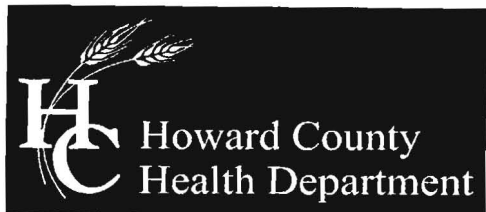
REMARKS Test B - Vein of hard sapr. @ 10' good below to 11

SANITARIAN GAC BACKHOE Ricky/Tim OTHERS Surveyor (John), Contractor, TIM

TEST HOLES USED IN SDA A B C D E AVG. PERC TIME 3.8m SQ. FT/BR

TRENCH WIDTH 3? INLET DEPTH 3-4 MAX. BOT DEPTH 6' EFFECTIVE S/W 1.8' AVG

Fill will need scraped before installation



Bureau of Environmental Health
7178 Columbia Gateway Drive, Columbia, MD 21046-2147
(410) 313-2640 Fax (410) 313-2648
TDD (410) 313-2323 Toll Free 1-866-313-6300
website: www.hchealth.org

Peter L. Beilenson, M.D., M.P.H., Health Officer

3/13/2007

To: Fritzen Royer
222 Bosley Ave.
Suite B3
Towson, MD 21204

From: Gabe Creighton
Well and Septic Program

Re: Percolation Testing A526209
13754 Old Rover Road
West Friendship, MD 21204

Mr. Royer,

Percolation testing conducted 3/9/2007 on the above referenced property has yielded favorable results. Further review of the project is contingent upon submittal by a professionally licensed surveyor or engineer of a Percolation Certification Plan as required by Howard County Code Subtitle 3.8. If possible at this time, include on this plan the proposed footprint of the proposed addition to the house (in addition to the existing house footprint).

Enclosed for your reference is a summary of these regulations, a copy of the test notes, and a chart of applicable setbacks for residential development.

Upon receipt of the Percolation Certification Plan, this office will review the plan to ensure the application of state and local codes and regulations. If deemed appropriate, the plan may be approved. Upon approval of the Percolation Certification plan to support an addition to the existing dwelling on the property, a permit may be issued to upgrade the septic system to accommodate the addition. Once this upgrade is completed, a building permit may be issued by this Department.

If you have any questions regarding this process, at this time or in the future, please do not hesitate to contact me directly at (410) 313-2775.

Respectfully,

A handwritten signature in black ink that reads 'Gabriel A. Creighton'.

Gabriel A. Creighton, R.S.
Development Coordination Section
Well and Septic Program

Enclosures

cc: Helen and Robert Foreman
File

CERTIFICATION

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.



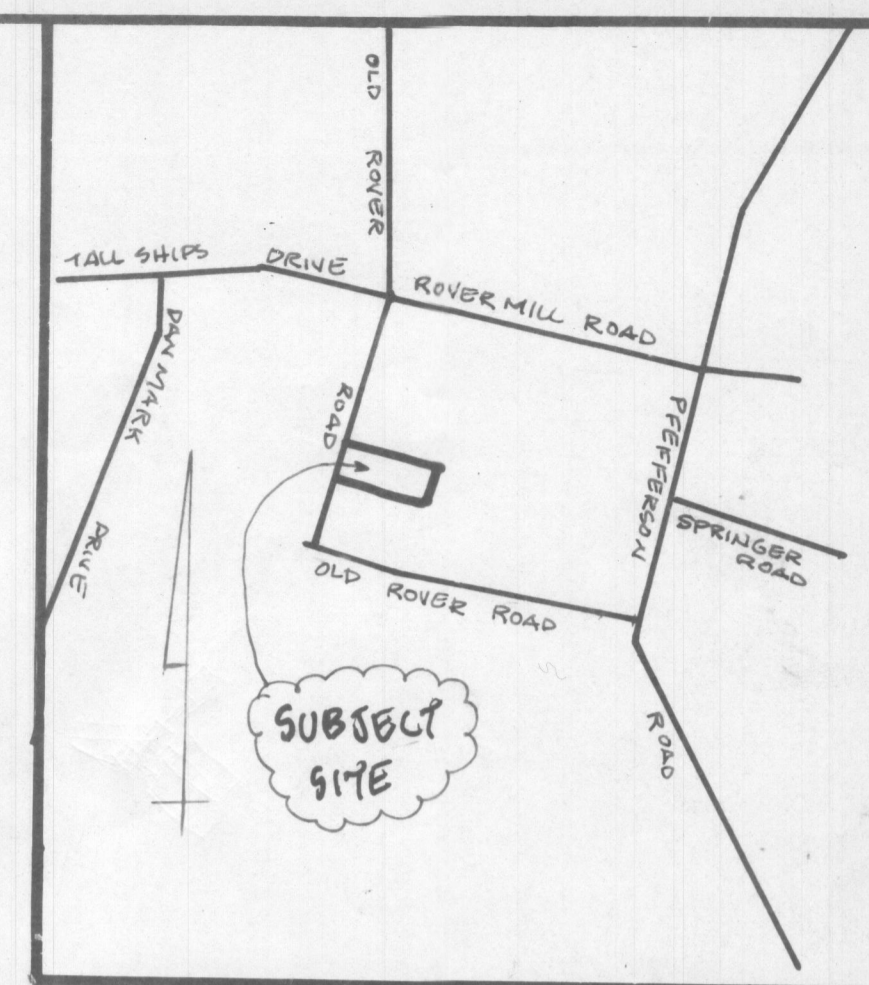
EDWIN J. KIRBY JR. PLS # 5481

GENERAL NOTES

1. THERE ARE NO WELLS OR SEPTIC SYSTEMS WITHIN 100 FT OF THE SUBJECT SITE.
2. THE EXISTING TOPOGRAPHY IS BASED ON HOWARD COUNTY GIS TOPOGRAPHY.
3. ALL EXISTING STRUCTURES ARE TO REMAIN.
4. THERE ARE NO STREAMS ON OR WITHIN THE VICINITY OF THE SUBJECT SITE.

TABLE FOR PERL CERT PLAN

LOT NO.	SQA TOTAL AREA	AVG. PERL TIME	SQUARE FEET PER BEDROOM	NUMBER BEDROOMS



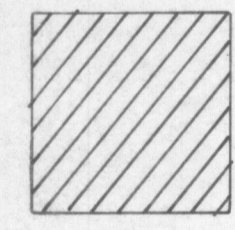
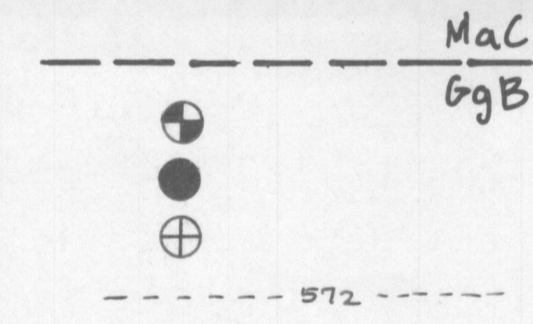
VICINITY MAP
SCALE: 1" = 100'

SITE DATA

SITE AREA	2.04 AC.
TAX ACCOUNT NO.	1402205251
TAX MAP GRID/PARCEL	1513 64
DEED REFERENCE	64B 521
EX. ZONING	RURAL RESIDENTIAL

LEGEND

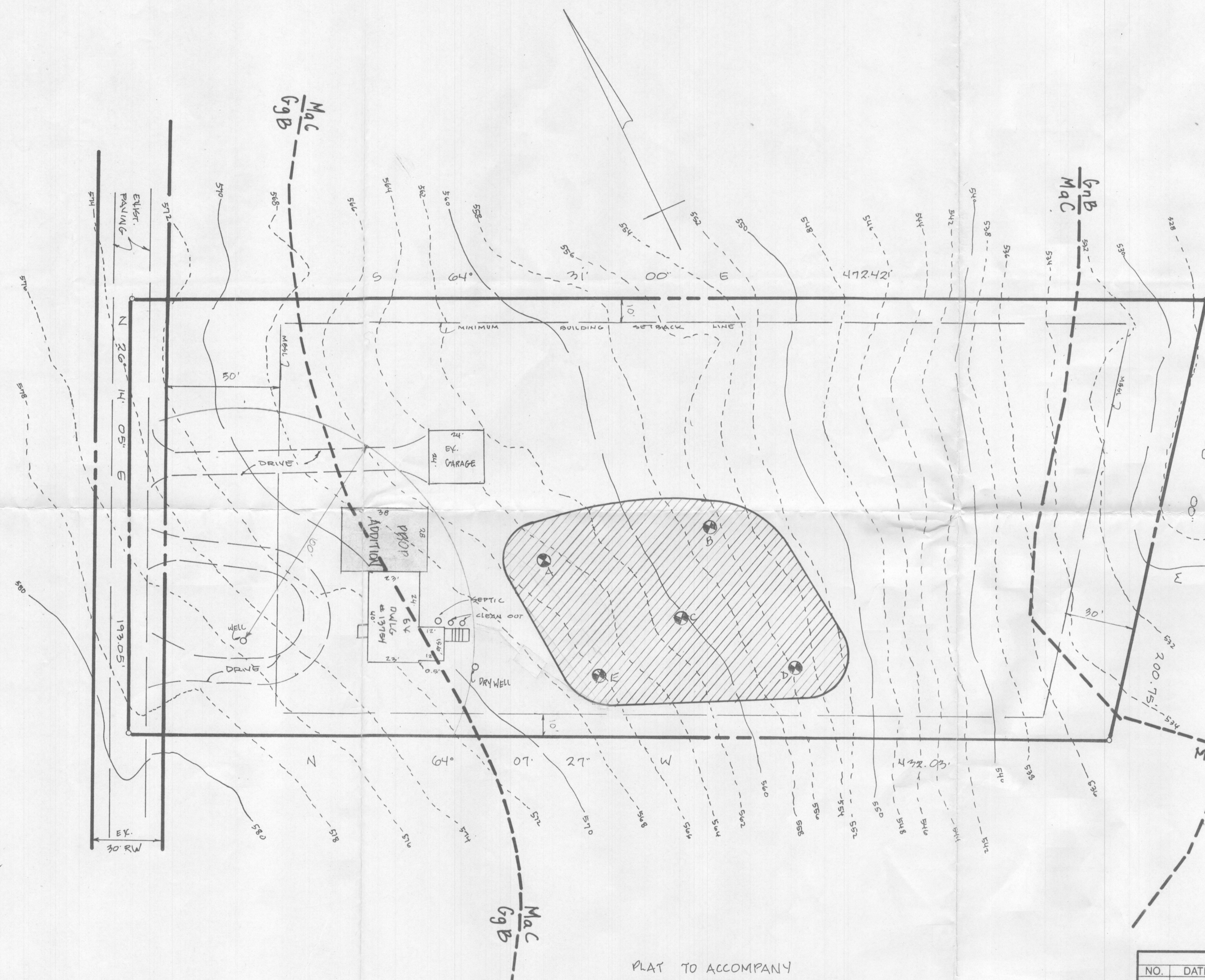
- SOIL BOUNDARY
- PERCOLATION TEST HOLES
- FAILED PERCOLATION HOLES
- PASSED PERCOLATION HOLES
- EXIST. CONTOURS



THIS AREA DESIGNATES A PRIVATE SEWAGE BASEMENT OF AT LEAST 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND DEPARTMENT OF ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED. THIS BASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE BASEMENT. RECORDATION OF A REVISED SEWAGE BASEMENT SHALL NOT BE NECESSARY.

THE LOT(S) SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE DEPARTMENT OF ENVIRONMENT.

OLD ROVER ROAD



NOTE
FOR DETAILS AND DIMENSIONS OF THE PROPOSED ADDITION REFER TO THE CONSTRUCTION DRAWINGS.

PLAT TO ACCOMPANY
PERCOLATION TEST APPLICATION
13754 OLD ROVER ROAD
64B - 521
3RD DISTRICT HOWARD CO., MD.
SCALE: 1" = 30' JANUARY 17, 2007

OWNER INFORMATION
HELEN HACKETT FOREMAN
ROBERT D. FOREMAN ETAL J/T
13754 OLD ROVER ROAD
WEST FRIENDSHIP MD 21794

APPROVED FOR PRIVATE WATER AND PRIVATE SEWAGE SYSTEMS.
HOWARD COUNTY HEALTH OFFICER DATE

REVISIONS	
NO.	DESCRIPTION

SPELLMAN, LARSON & ASSOCIATES, INC.
CIVIL ENGINEERS AND LAND SURVEYORS
SUITE 406, JEFFERSON BLDG., TOWSON, MD 21204
PHONE: 823-3535

CERTIFICATION

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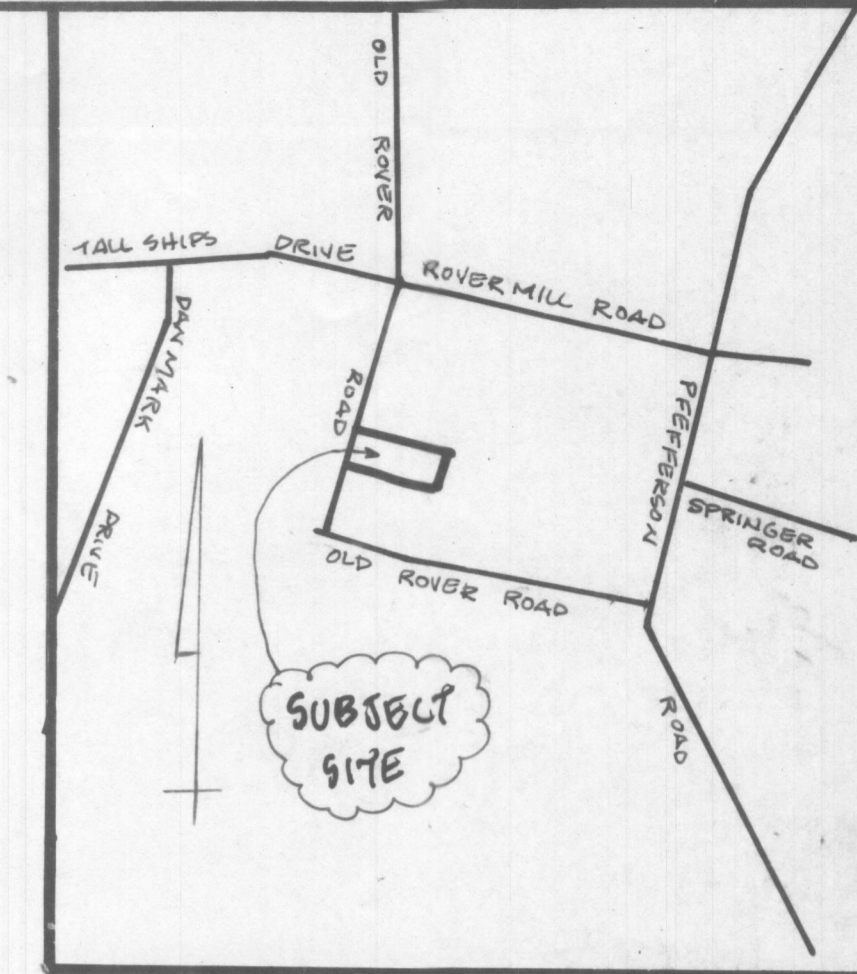
EDWIN J. KIRBY JR. PLS # 5481

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TABLE FOR PERL CERT PLAN

LOT NO.	SDA TOTAL AREA	AVG. PERC. TIME	SQUARE FEET PER BEDROOM	NUMBER BEDROOMS



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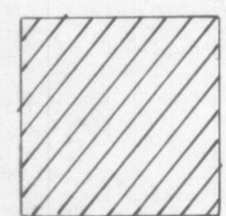
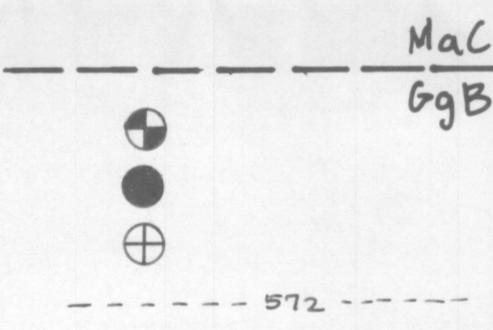
SCALE: 1" = 100'

SITE DATA

SITE AREA	2.04 AC.
TAX ACCOUNT NO.	1403205251
TAX MAP GRID/PARCEL	1513164
DEED REFERENCE	648 521
EX. ZONING	RURAL RESIDENTIAL

LEGEND

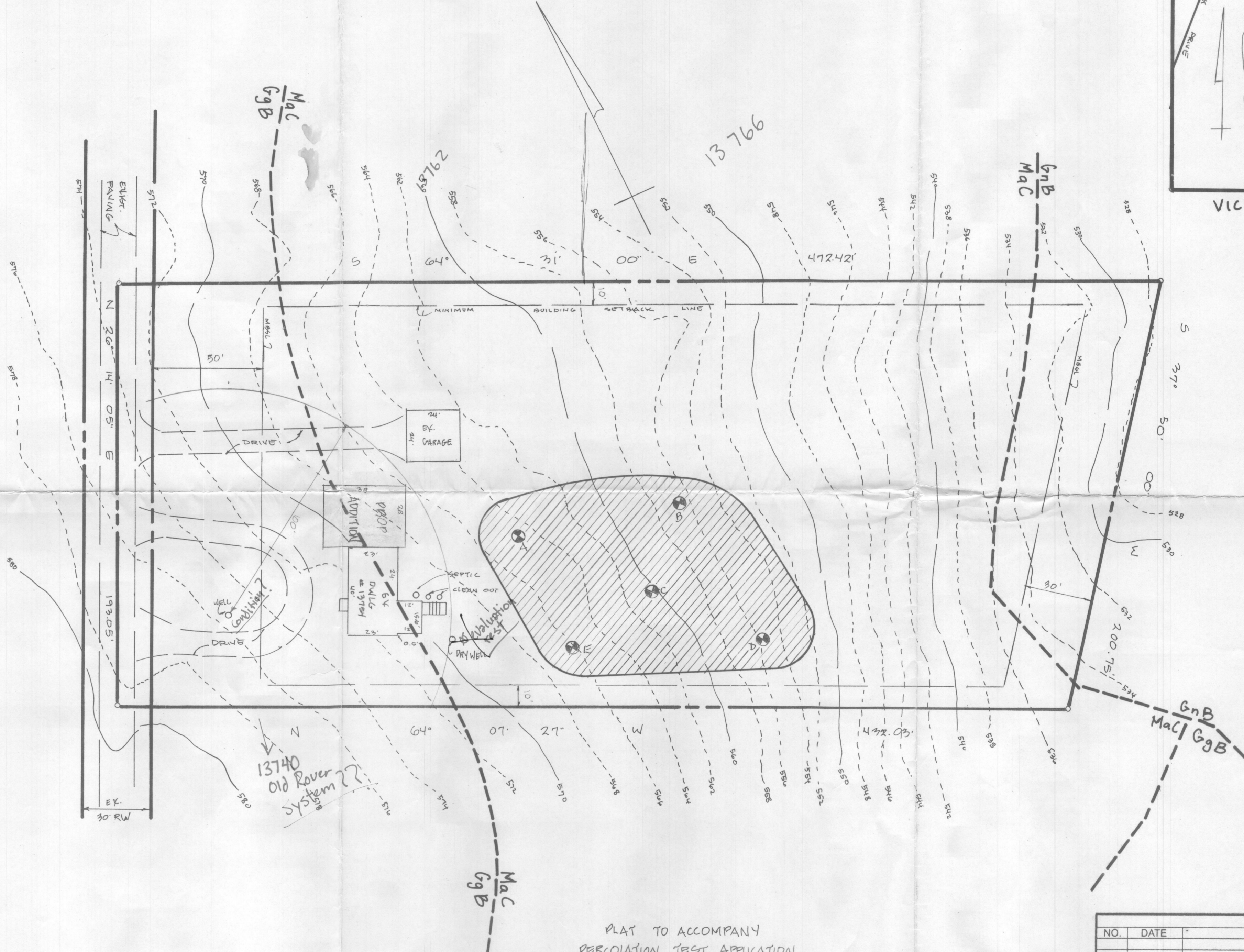
- SOILS BOUNDARY
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OLD ROVER ROAD



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PLAT TO ACCOMPANY PERCOLATION TEST APPLICATION

13754 OLD ROVER ROAD

648 - 521

3RD DISTRICT

HOWARD CO., MD.

SCALE: 1" = 30'

JANUARY 17, 2007

OWNER INFORMATION

HELEN HACKETT FOREMAN
ROBERT D. FOREMAN ETAL J/T
13754 OLD ROVER ROAD
WEST FRIENDSHIP MD 21794

REVISIONS		
NO.	DATE	DESCRIPTION

SPELLMAN, LARSON & ASSOCIATES, INC.

CIVIL ENGINEERS AND LAND SURVEYORS
SUITE 406, JEFFERSON BLDG., TOWSON, MD 21204
PHONE: 823-3535

APPROVED FOR PRIVATE WATER AND PRIVATE SEWAGE SYSTEMS.

HOWARD COUNTY HEALTH OFFICER DATE

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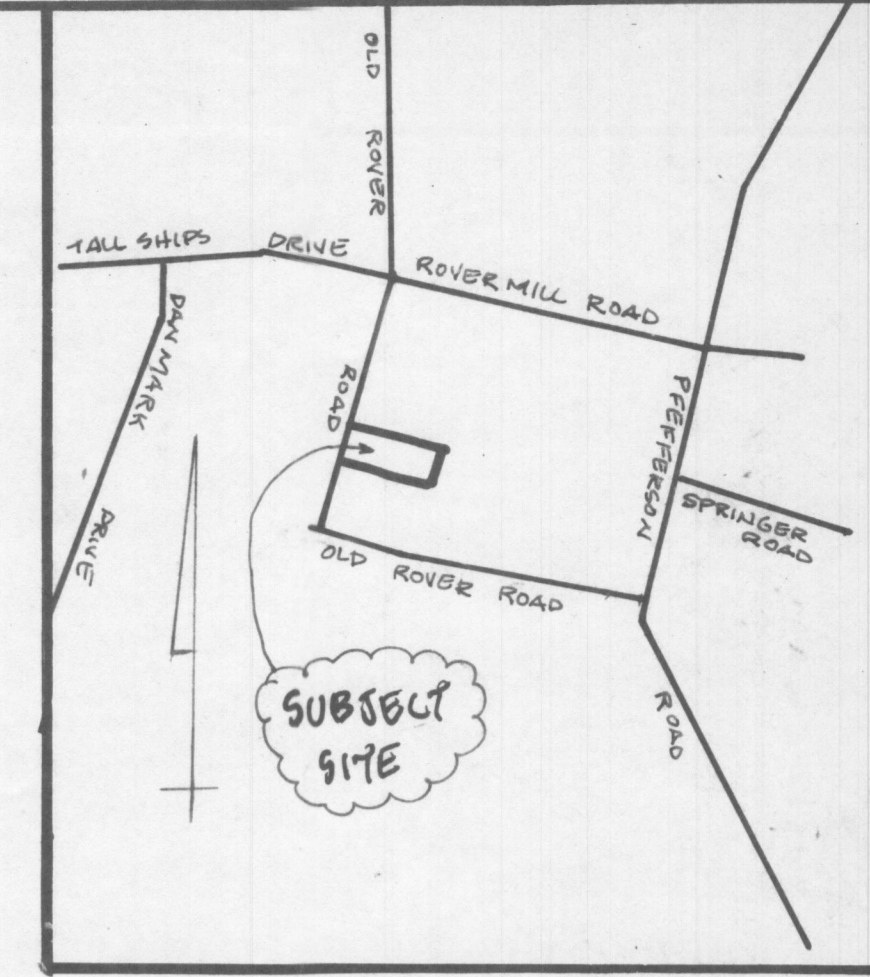


Bruce J. Kirby Jr. PLS # 5481

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6. THE EXISTING ELEVATIONS OF THE PERCOLATION TEST HOLES ARE FIELD SURVEYED AND VERIFIED.
7. THERE IS AN EXISTING FUNCTIONAL WELL ON THE SUBJECT SITE.
8. ANY CHANGES TO A PRIVATE SEWAGE EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.

THE PURPOSE OF THIS PLAT IS TO RE-ESTABLISH AND TO ADJUST THE SEWAGE DISPOSAL BASEMENT AREA TO SUPPORT THE PROPOSED BUILDING ADDITION.



VICINITY MAP

SCALE: 1" = 1000'

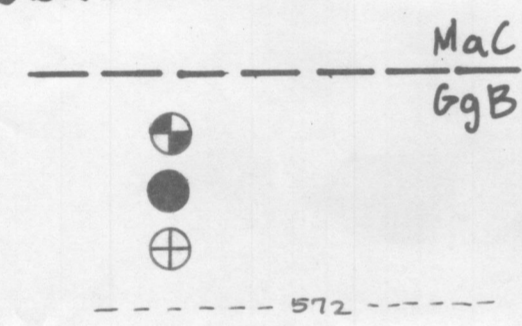
SITE DATA

SITE AREA	2.04 ACY.
TAX ACCOUNT NO.	1409285291
TAX MAP GRID/PARCEL	15113 64
DEED REFERENCE	64B 521
EX. ZONING	RURAL RESIDENTIAL

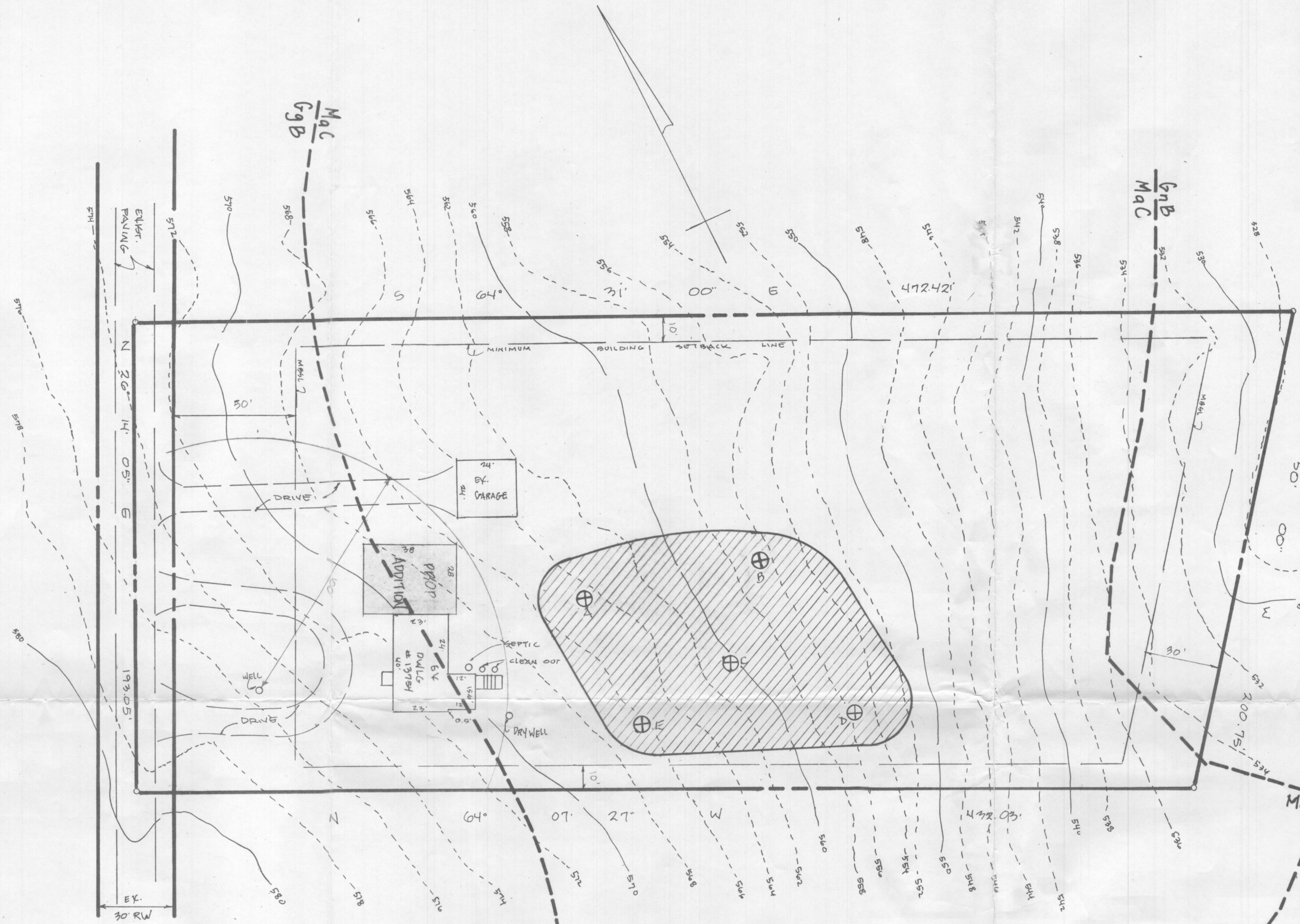
TEST HOLE	ELEVATION
A	564.6
B	556.7
C	560.4
D	555.6
E	566.3

LEGEND

- SOIL BOUNDARY
- PERCOLATION TEST HOLES
- FAILED PERCOLATION HOLES
- PAUSED PERCOLATION HOLES
- EXIST. CONTOURS

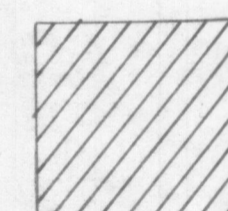


OLD ROVER ROAD



NOTE

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PLAT TO ACCOMPANY
PERCOLATION CERTIFICATION
13754 OLD ROVER ROAD
64B - 521

OWNER INFORMATION
HELEN HACKETT FOREMAN
ROBERT D. FOREMAN ETAL J/T
13754 OLD ROVER ROAD
WEST FRIENDSHIP MD 21794

APPROVED FOR PRIVATE WATER AND PRIVATE SEWAGE SYSTEMS.
B. Nielsen for Peter Bildeisen 4/13/2007
HOWARD COUNTY HEALTH OFFICER (GAC) DATE

A 526209

3RD DISTRICT HOWARD CO, MD.
SCALE: 1" = 30' MARCH 22, 2007

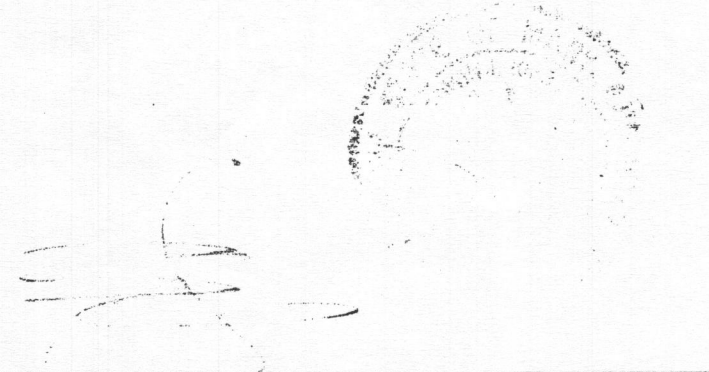
REVISIONS		
NO.	DATE	DESCRIPTION

SPELLMAN, LARSON & ASSOCIATES, INC.
CIVIL ENGINEERS AND LAND SURVEYORS
SUITE 406, JEFFERSON BLDG., TOWSON, MD 21284
PHONE: 823-3535

206029

CERTIFICATION

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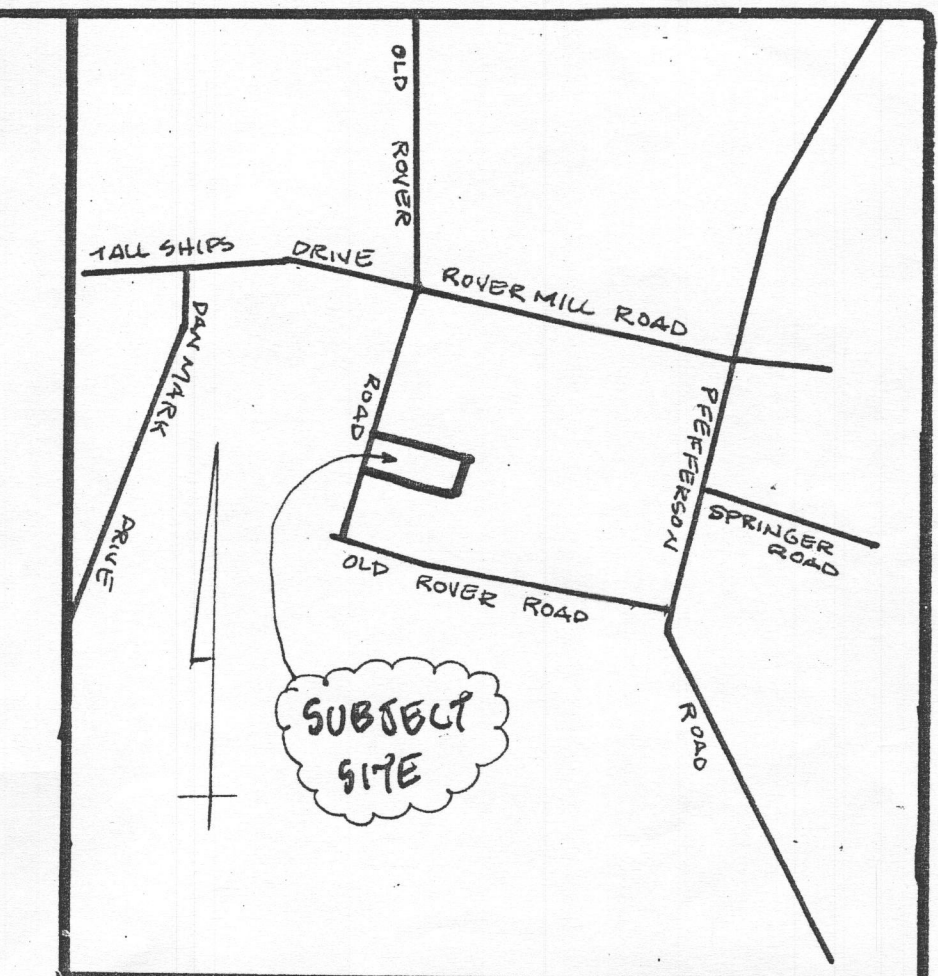


EDWIN J. KIRBY JR. PLS # 2481

GENERAL NOTES

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VICINITY MAP

SCALE: 1" = 1000'

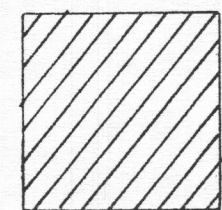
TEST HOLE	ELEVATION
A	564.6
B	556.7
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D	555.6
E	566.3

SITE DATA

SITE AREA 2.04 ACRES
 TAX ACCOUNT NO. 1409285291
 TAX MAP GRID PARCEL 1513164
 DEED REFERENCE 648 | 521
 ZONING RURAL RESIDENTIAL

LEGEND

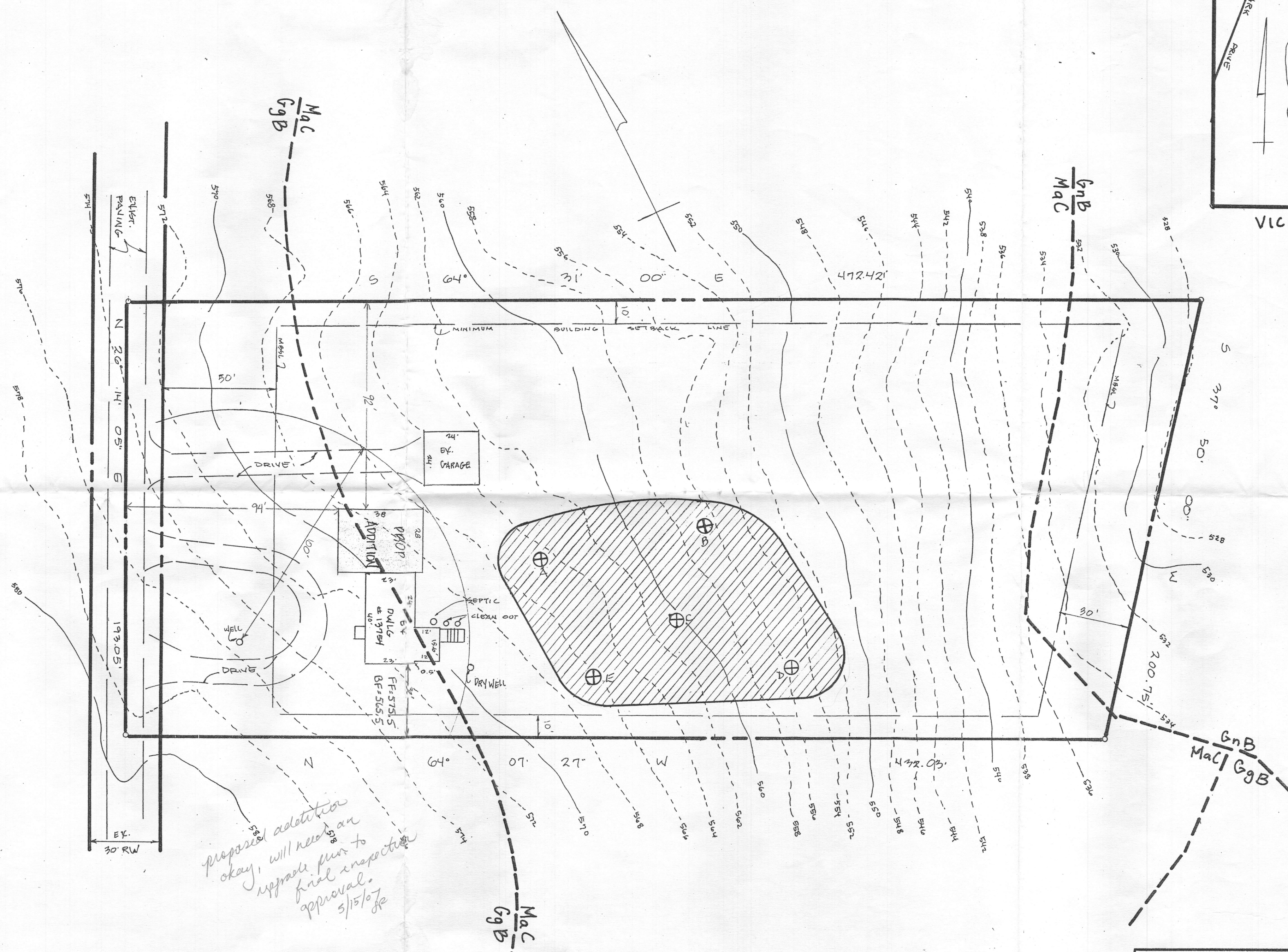
- SOLS BOUNDARY
- ⊕ PERCOLATION TEST HOLES
- FAILED PERCOLATION HOLES
- ⊕ PASSED PERCOLATION HOLES
- - - - - 572 EXIST CONTOURS



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OLD ROVER ROAD



proposed addition okay, will need an upgrade plan to final inspection approval. 3/15/07 JK

NOTE
 FOR DETAILS AND DIMENSIONS OF THE PROPOSED ADDITION REFER TO THE CONSTRUCTION DRAWINGS.

PLAT TO ACCOMPANY
 PERCOLATION CERTIFICATION
 13754 OLD ROVER ROAD
 648 - 521
 3RD DISTRICT HOWARD CO., MD.
 SCALE: 1" = 30' MARCH 22, 2007

OWNER INFORMATION
 HELEN HACKETT FOREMAN
 ROBERT D. FOREMAN ETAL J/T
 13754 OLD ROVER ROAD
 WEST FRIENDSHIP MD 21794

REVISIONS	
NO.	DESCRIPTION

SPELLMAN, LARSON & ASSOCIATES, INC.
 CIVIL ENGINEERS AND LAND SURVEYORS
 SUITE 406, JEFFERSON BLDG., TOWSON, MD 21204
 PHONE: 823-3535

APPROVED FOR PRIVATE WATER AND PRIVATE SEWAGE SYSTEMS.
 B. Nilsen for Peter Beilensen 4/13/2007
 HOWARD COUNTY HEALTH OFFICER (CAC) PLATE

A 526209

2128
 920