



APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) 5/10/04 TEST TIME 9:00 C/P 320144
AGENCY REVIEW: House replacement on deeded DATE 4/13/04
parcel of record 10K not req'd
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 4 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) Southern Homes, LLC

DAYTIME PHONE 410-461-6122 CELL 443-253-3985 FAX 410-461-6122

MAILING ADDRESS 10149 Reed Lane Ellicott City, MD 21042
STREET CITY/TOWN STATE ZIP

APPLICANT Bryan M. Roberts

DAYTIME PHONE 410-461-6122 CELL 443-253-3985 FAX 410-461-6122

MAILING ADDRESS _____
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION

SUBDIVISION/PROPERTY NAME _____ LOT NO. _____

PROPERTY ADDRESS 11789 Tridaphia Road Ellicott City, MD 21042
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 16 GRID 20 PARCEL(S) 76 PROPOSED LOT SIZE 1 ACRE

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.

Bryan M. Roberts
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
(F)

orge brn
hvysalm

3

brn
beige
salm
10%
Rx

9

H₂O

12

(E)

orge brn
hvy lm

4-
4 1/2

H. brn
beige
salm
5-10%
Rx

12

H₂O

B/A

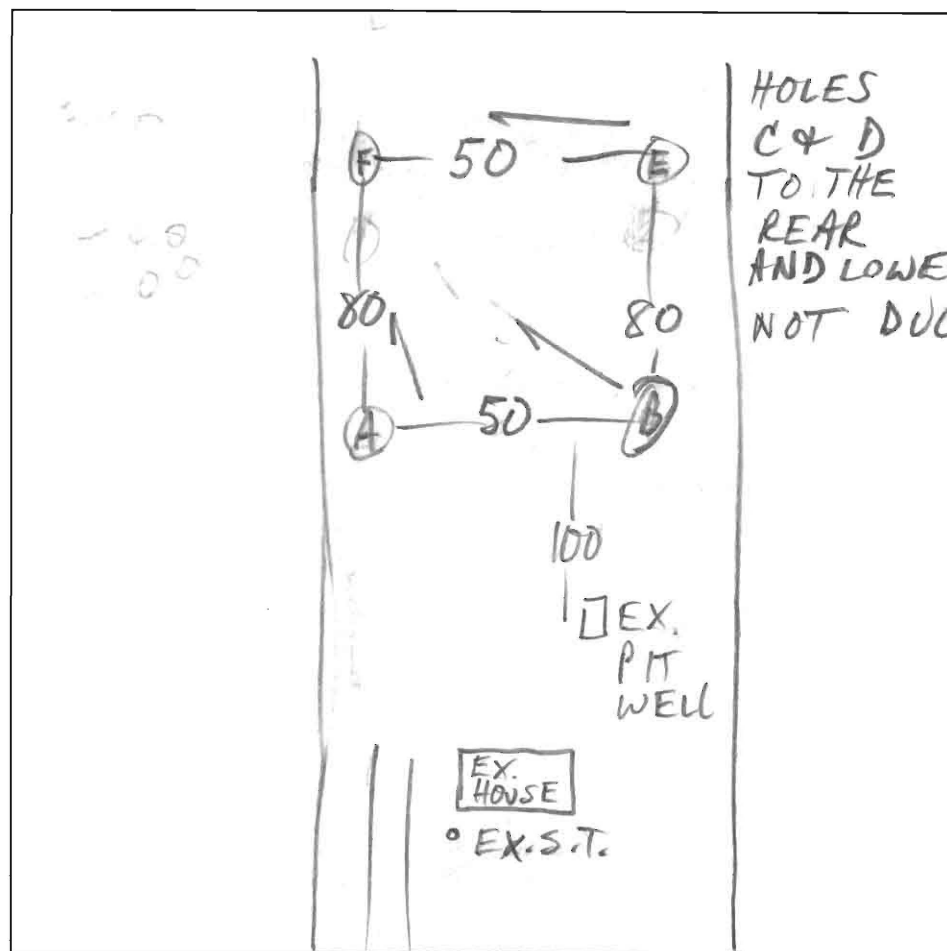
brn hvy lm
and
hvysalm

3-
3 1/2

brn
salm
10-15%
Rx

12'9"
-14

↑ w/depth



HOLES
C & D
TO THE
REAR
AND LOWER-
NOT DUG

TRIA RD

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H
5/10/04	F S V	3 1/2	9:16	9:21	9:32	"	P
	E S V	4 4'9" / 12	9:20 9:31	9:26 9:33	9:37	4	P
	B V	14					P
	A V	12'9"					P

REMARKS MINIMAL SEPTIC AREA
 SANITARIAN H. Ripkin BACKHOE Fyock OTHERS builder
 TEST HOLES USED IN SDA ALL AVG. PERC TIME 7 SQ. FT/BR 180
 INITIAL TRENCH WIDTH 2 INLET DEPTH 3 1/2 MAX. BOT DEPTH 7 1/2 EFFECTIVE S/W 4 130'
 REPAIR 3 3 1/2 5 1/2 1/2-11 240'



Howard County
Health Department

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
May 24, 2004

Bryan Roberts
Southern Homes
10149 Reed Lane
Ellicott City, MD 21042

RE: Percolation Test Results – A 520144
11789 Triadelphia Road, TM 16, Parcel 76
SDA for replacement dwelling

Dear Mr. Roberts:

Percolation testing conducted May 10, 2004 on the referenced property indicated limited satisfactory soil conditions. The primary limiting factor is shallow depth to groundwater. Copies of the test results are enclosed.

Further review is contingent upon submission by a registered engineer/surveyor of a percolation certification plan showing the following:

- 1) actual locations of all excavated test holes with field-verified topography
- 2) the existing house, well and septic system, with a schedule for demolition/abandonment prior to issuance of building permit for replacement structure
- 3) proposed sewage reserve area
- 4) proposed house and well site
- 5) certification that all existing wells and septic systems within 100 feet of property lines are shown
- 6) a note indicating that depicted topography reflects field-verified information
- 7) the plan identification number (PC 520144) in the title block

The percolation certification plat should be submitted within 60 days to allow field verification if necessary. If you have any questions regarding this matter, please contact me at the above address or by calling (410) 313-2640.

Very truly yours,


Mark E. Rifkin, R.S.

Water and Sewerage Program

MR

Enclosures

cc: Charles Crocken & Associates
File

 This area designates a private sewage reserve area as required by the Maryland Department of the Environment for individual sewage disposal. Improvements of any nature in this area are restricted until public sewage is available. The sewage reserve area shall become null and void upon connection to a public sewage system. The County Health Officer shall have authority to grant ~~variances for encroachments~~ ^{adjustments} into the private sewage reserve area.

There are no existing wells and septic systems within 100 ft. of the lot lines shown hereon unless noted otherwise.

● Denotes satisfactory percolation test

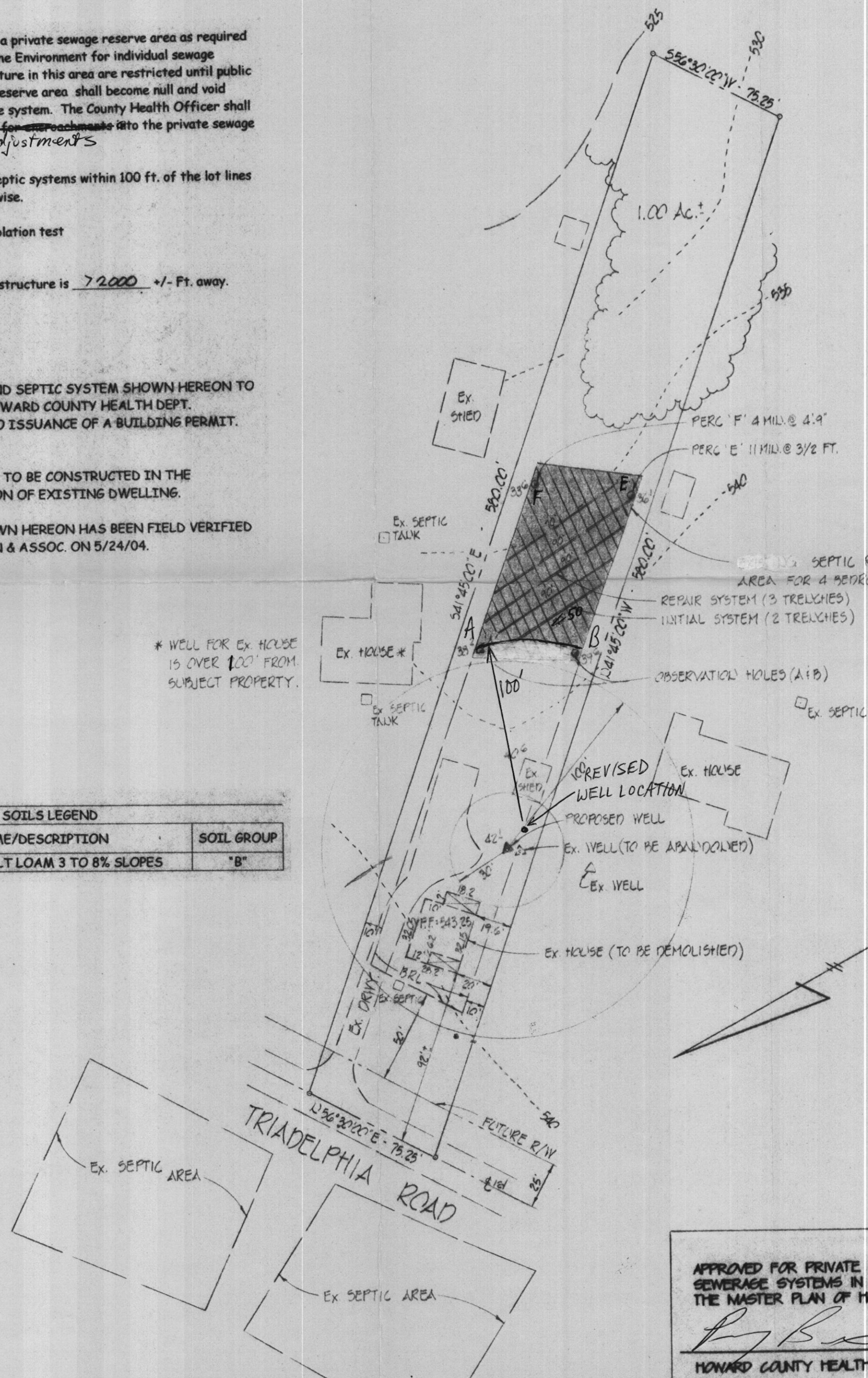
Note: The nearest water intake structure is 72000 +/- Ft. away.

NOTE:

1. THE EXISTING WELL AND SEPTIC SYSTEM SHOWN HEREON TO BE ABANDONED PER. HOWARD COUNTY HEALTH DEPT. REGULATIONS PRIOR TO ISSUANCE OF A BUILDING PERMIT.
2. A PROPOSED DWELLING TO BE CONSTRUCTED IN THE APPROXIMATE LOCATION OF EXISTING DWELLING.
3. THE TOPOGRAPHY SHOWN HEREON HAS BEEN FIELD VERIFIED BY CHARLES R. CROCKEN & ASSOC. ON 5/24/04.

* WELL FOR EX. HOUSE IS OVER 100' FROM SUBJECT PROPERTY.

SOILS LEGEND		
SYMBOL	NAME/DESCRIPTION	SOIL GROUP
ChB2	CHESTER SILT LOAM 3 TO 8% SLOPES	"B"

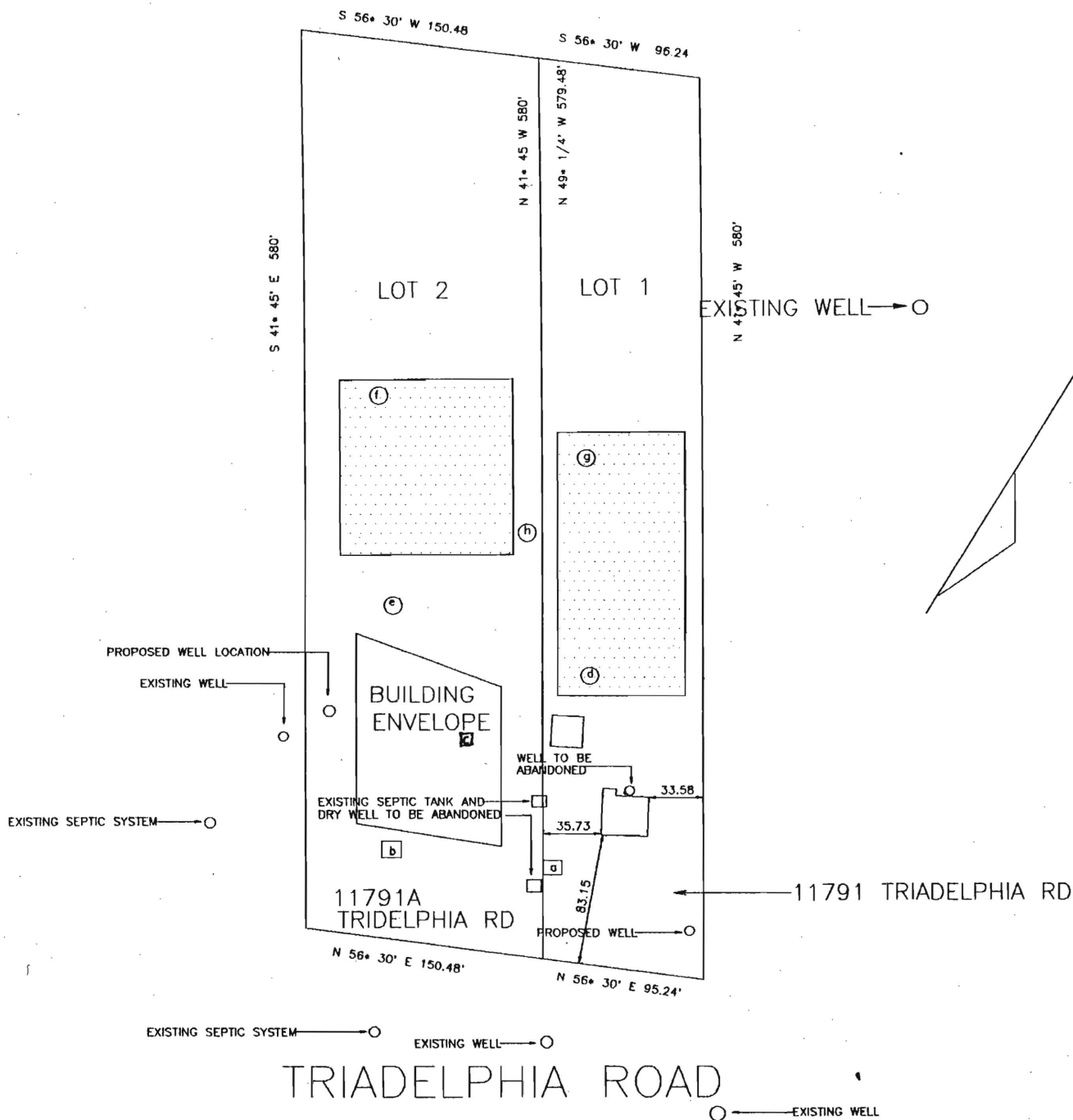


APPROVED: FOR PRIVATE WATER AND PRIVATE SEWAGE
SYSTEMS. HOWARD COUNTY HEALTH DEPARTMENT.

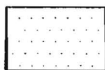
[Signature] 7-14-93
HOWARD COUNTY HEALTH OFFICER DATE

PROPERTY KNOWN AS: 11791 Tridelphia Road
3rd Election District
Liber 238 Folio 254
Howard County, Maryland

Goldbach Property
PERC CERT ADJACENT LOT
TO 11789 TRIADELPHIA



TRIADELPHIA ROAD



Scale: 1" = 100'

This area designates a private sewerage easement of at least 10,000 square feet as required by the Maryland Department of the Environment for individual sewage disposal. Improvements of any nature in this area are restricted until public sewerage is available and servicing any residential structures constructed on these building sites. These easements shall become null and void upon connection to a public sewage system. The County Health Officer shall have the authority to grant variances for encroachments into the private sewerage easements. Recordation of a modified sewerage easements shall not be necessary.

- All percolation test holes that have passed are shown hereon have been field located and thus shown (O)
- All percolation test holes that have failed are shown hereon have been field located and thus shown (☐)

I hereby certify that all information contained herein is accurate to the best of my knowledge. All wells and private septic systems that are located within 100 feet of the property line are shown.

Sean K. [Signature] (410-313-8144) DATE

7-12-93

4/2/04

Ray
Dachuba

from ccc

11.789
Tridiplia
E.C. 21042

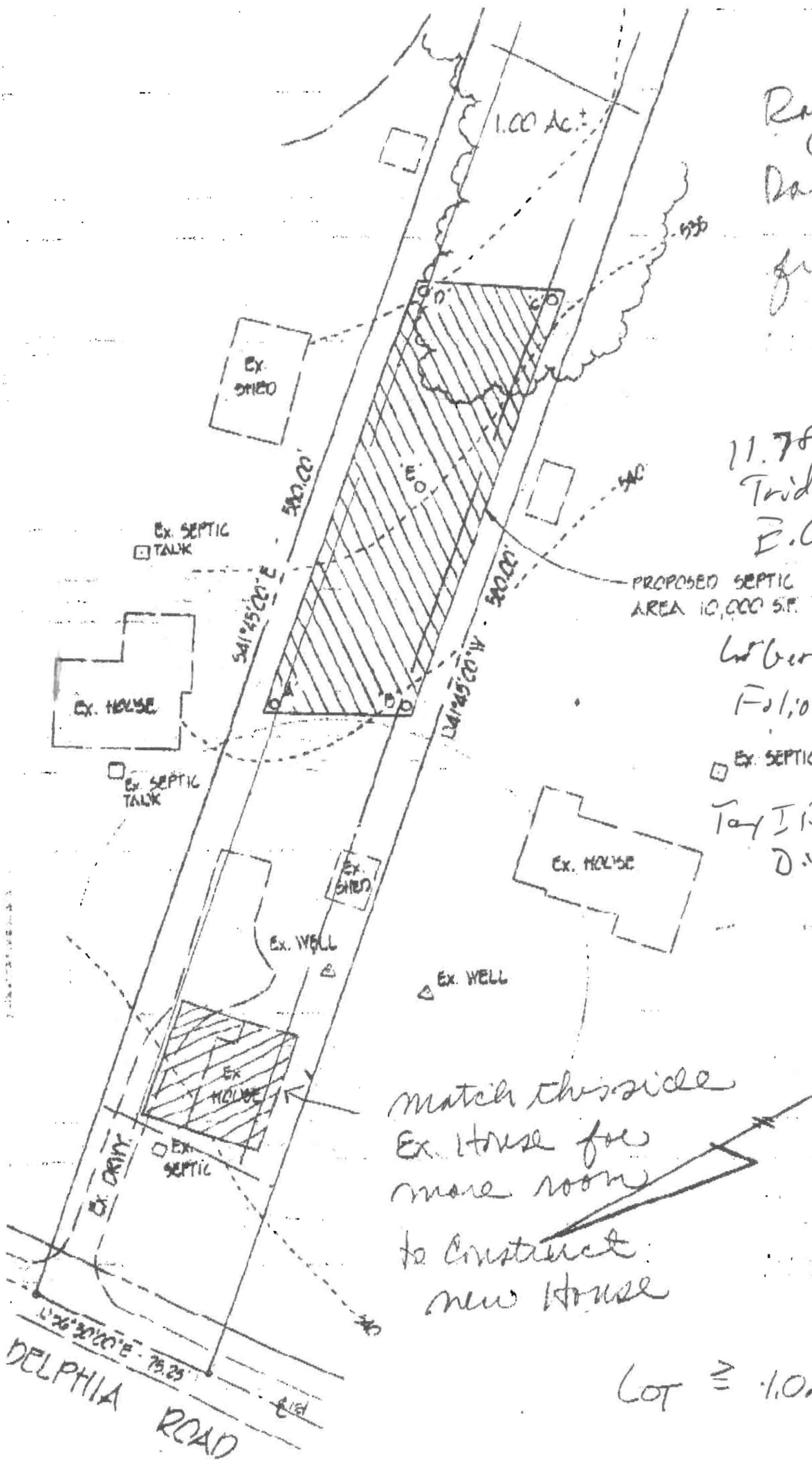
Lot 6860

Folio 552

Ex. SEPTIC

Tax ID 279952

Dist. 3



match this side
Ex. House for
more room
to construct
new House

Lot ≥ 1.0 Ac. < 2.0 Ac.

FRONT = 60'

SIDE = 15'

BACK = 50'

1" = 50'

PROPERTY
ACROSS TRIA RD

N 1000
P. 1974
E.R. Frank
277/438

E 1250

440.31

S 63° 14' 37" E

423.06

20' Building Restriction Line

LOT 2
1.64 AC

06C11

50' Building
Restriction Line

20' Building Restriction Line

20' Building
Restriction
Line

N 33° 38' 58" W

125.00

249.41

20' Building Restriction Line

20' Building
Restriction
Line

75' Building Restriction Line

222.16

269.16

491.32

130' N/W 498.68

556° 21' 02" W

150.4

344.96

360.00

N 38° 04' 47" W

Mon. 4

N 51° 55' 13" E

309.96

154.98

154.98

Mon.

2 1