

Now W.P.T. - 12/17/84 APPROVED
Anytime
10/18/84
RH P 34486
A 31478

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

BUREAU OF ENVIRONMENTAL HEALTH

992-2330

ELLICOTT CITY

DISTRICT 3rd

DATE 10/17/84

INDEXED

Jack Fyock

IS PERMITTED TO INSTALL X ALTER

ADDRESS 13775 Triadelphia Road, Glenelg, Md. 21737 PHONE 988-9270

SUBDIVISION Triadelphia Farms II ROAD 13324 Triadelphia Rd. LOT 1-D

PROPERTY OWNER Matthew J. and Kelly S. Fadrowski

ADDRESS 4417 Allan Drive, Apt. C, Baltimore, Md. 21227

IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 22%.

GARBAGE GRINDER? YES _____ NO X

SEPTIC TANK CAPACITY 1000 GALLONS NUMBER OF BEDROOMS 3

TRENCHES - Trench to be 2 1/2 foot wide. Inlet 3 1/2 ft. below original grade. Maximum depth 6 1/2 ft. below original grade. Effective area begins at 3 1/2 ft. below original grade. 1 1/2 feet of stone below distribution pipe. Start the trenches at a point 10xft 110 feet from the rear (172.70') lot line and 20 ft. from the left (280.98') lot line as seen when facing the lot from the paved road. NO TRENCH TO EXCEED 100 FEET IN LENGTH. IF MORE THAN ONE TRENCH IS REQUIRED, A DISTRIBUTION BOX IS REQUIRED. TRENCHES TO BE INSTALLED ON LEVEL GROUND.

125 SQ. FT. bottom area per bedroom.

10/17/84 Changes to grading done in area of trench & S.

PLANS APPROVED BY Steve Kiel and Frank A. Skinner

COVER NO WORK UNTIL INSPECTED AND APPROVED.

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM.

NOTE: IF TRENCH IS USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH.

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER. NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH.

NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 40 PVC OR ABS.

PERMIT VOID AFTER THREE YEARS.

NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA, OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED.

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082

ORIGINAL PERMIT SIGNED

AND RETURNED 7-19-92

Serial # 38710
1-Story addition & Below

DATE 3/9/82 & 10/11/84

Gene won. family
addition

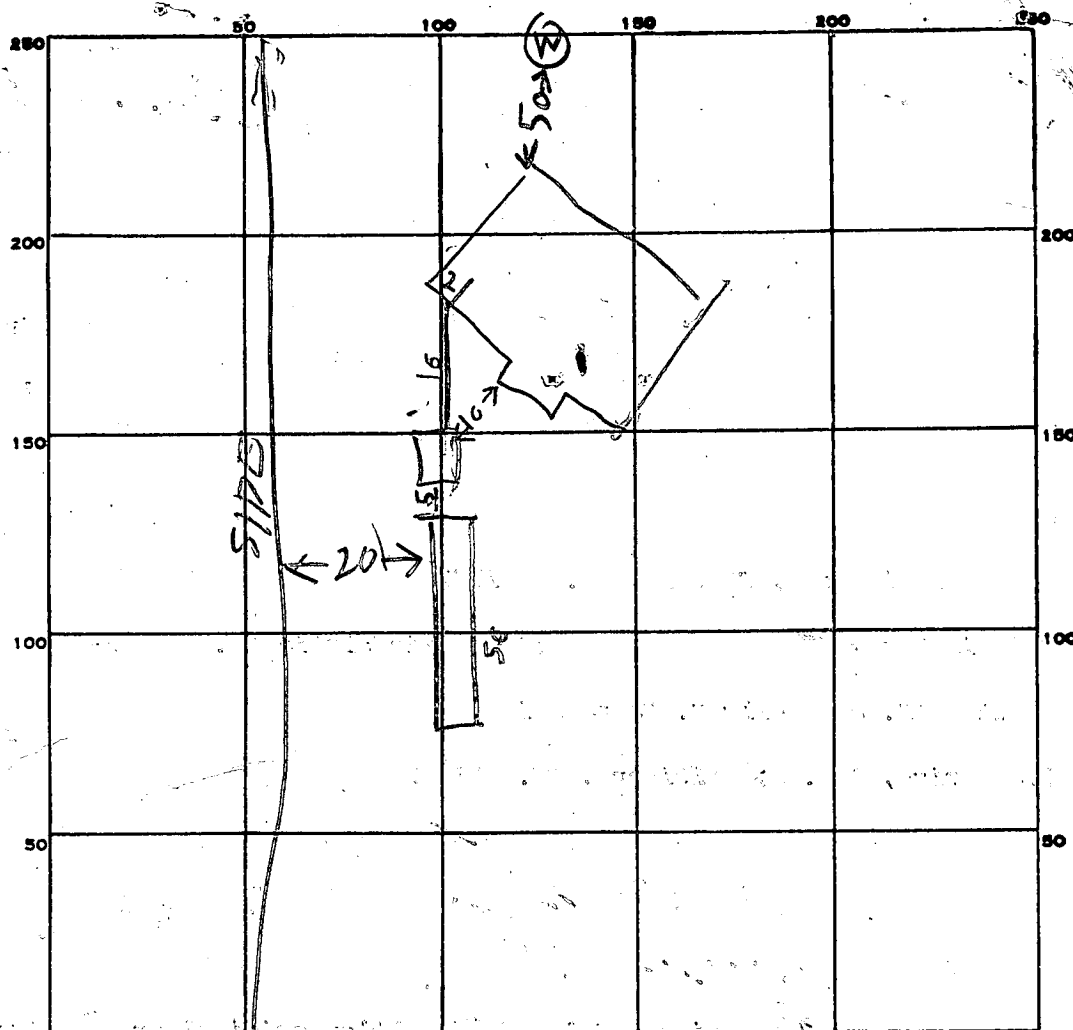
RECD. PERMIT SIGNED

AND RETURNED 7/10/91

Serial # 38710

Bedroom above
Garage

31478



PERMIT CARD

PRELIMINARY

APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

P. O. BOX 473, ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 992-2330

DISTRICT 3rd

DATE 7/6/81

A 31478

P _____

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Howard Associates Matthew J & Kelly S. Fadrowski

ADDRESS 4417 Alan Drive - Apt. C Baltimore, Md 21227 PHONE Don Reuwer - 465-4920

PROPERTY LOCATION:

SUBDIVISION Triadelphia Farms II LOT NO. 1-D

ROAD AND DESCRIPTION 13324 Triadelphia Road **BLDG. PERMIT SIGNED AND RETURNED**

SIZE OF LOT (?) TYPE BLDG. 3 or 4 bedrooms
(NUMBER OF BEDROOMS)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND THE

FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO COMPLY

WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT. /s/ Don Reuwer for Howard Associates
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS Stephen G. Kiel & J. Skinner DATE 11/13/81

REASONS FOR REJECTION OR HOLDING 7/13/81 Hold for wet season test. House, site,

and field run. Topo in some area. Water and
possible slope problems. Hester letter sent to Don Reuwer.

SK

THIS IS NOT A PERMIT

BLDG. PERMIT SIGNED

AND RETURNED 4/4/89

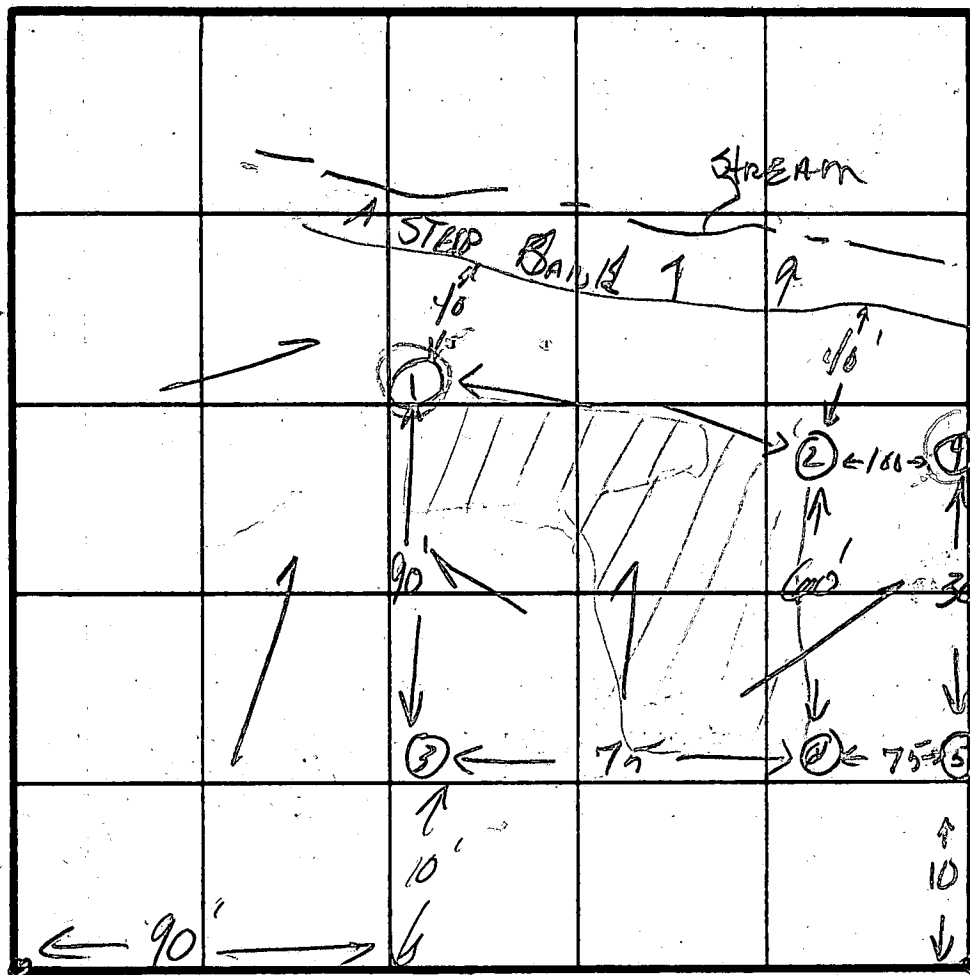
Serial # 59318 SFD

Lot
1-D

①

SOIL PROFILE

Clay	3 1/2'
GREY/ Brown MICA Loam	12'
GREY/ ROTHER MICA + MICA Loam	15'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

UNIMAGED
SHAKE

②

Clay	4'
Brown SAND/ Loam + W. MICA	9'

③⑤

3 1/2'	clay
SANDY	
Loam	

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1' DROP		TIME
			START	STOP	START	STOP	
7/10/81	1 S m D	3 1/2' 7 1/2'	10:53 10:54	10:56 10:57	10:56 10:57	11:01 11:00	5 3
		WATER AT 12'					
	2 S m	4' 9'	11:15 11:14	11:17 11:18	11:17 11:18	11:19 11:25	2 7
	3 S m D	3 1/2' 8'	11:30 11:29	11:32 11:30	11:32 11:30	11:35 11:32	3 2
		11'	HARD MICA				
	4 S m D	4 1/2' 9'	11:39 11:40	11:42 11:41	11:42 11:41	11:52 11:43	10 2
		13'	WATER AT 12'				
	5 S m D	9'	11:51	11:53	11:57	11:67	10
	6 D	11'	HARD MICA				
2/11/82	1 V	14 1/2'	SAME PLACE WATER	AS ①	11:17	FROM GRADE RH	

Mostly
3a 5a

max. inlet 3 1/2 ft
max. bottom 6 1/2 ft.

7c

REMARKS

Some areas [] might be greater than 25% slope
Copy to D River mostly Ba Soil

TYPE OF SOIL

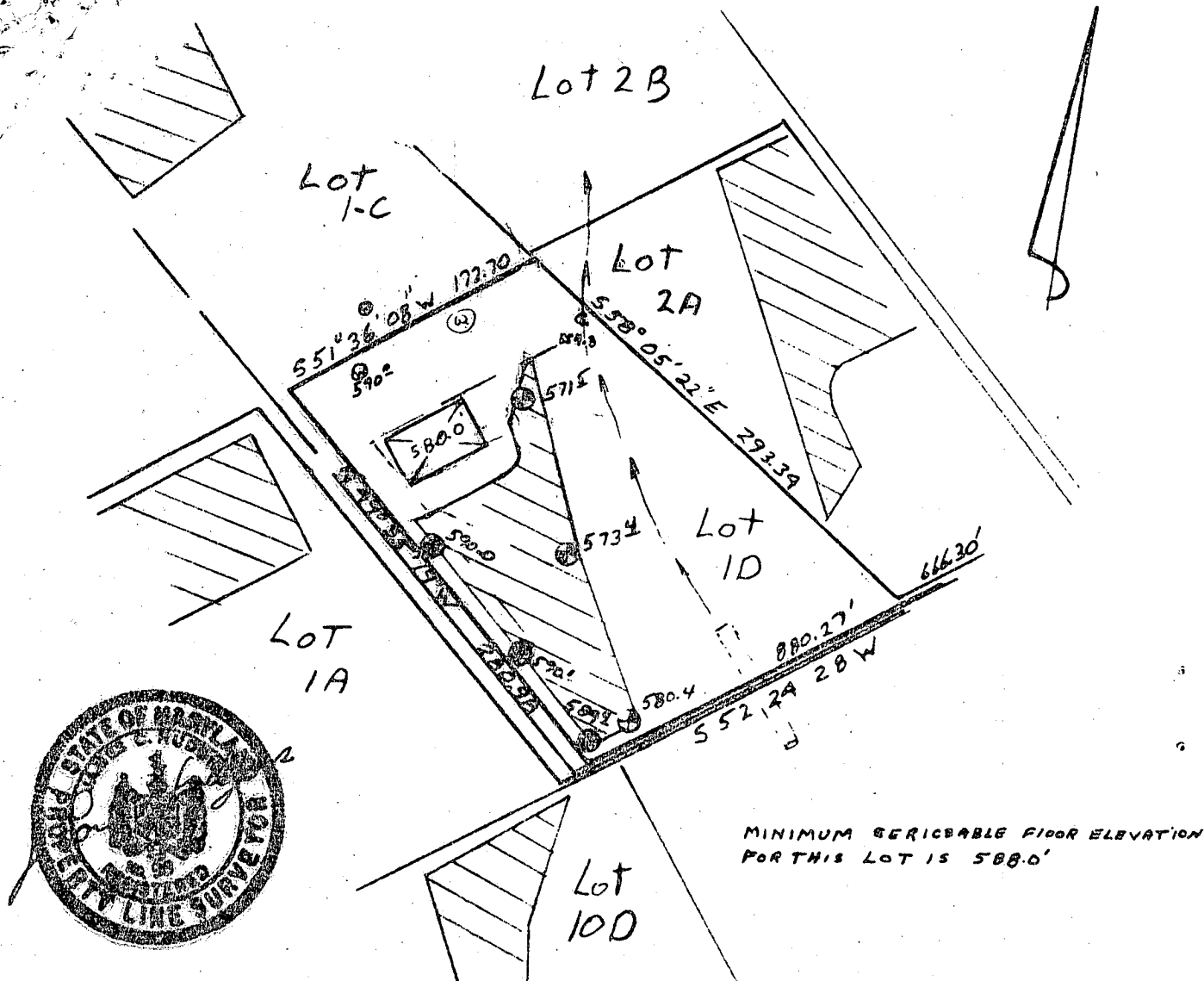
TESTED BY


SK 2/11/82 RH

ALSO PRESENT

KETTERMAN + REVER

2/11/82 KETTERMAN'S JR & SR



 This area designates a private sewage easement of 10,000 square feet as required by the Maryland State Department of Health and Mental Hygiene for individual sewage disposal. Improvements of any nature in this area are restricted until public sewage is available. 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 sewage easement. Recordation of a modified sewage easement shall not be necessary.

Percolation test holes shown hereon have been field located and shown as "4".

The lots shown hereon comply with the minimum ownership width and lot areas as required by the Maryland State Department of Health and Mental Hygiene.

Percolation areas and water wells for adjoining lots have been shown where pertinent.

APPROVED: For Private Water and Private Sewage Systems

County Health Officer

Date _____

PERCOLATION TEST PLAT
LOT 1D

TRIADDELPHIA FARMS, II

PROPERTY OF
RICHARD M. HEMPHILL

3rd Election District
Howard County, Maryland
Scale 1"=100'
Date 1-30-82

NTT Associates
Suite 307, Clark Bldg.
Columbia, MD 21044
321-0307



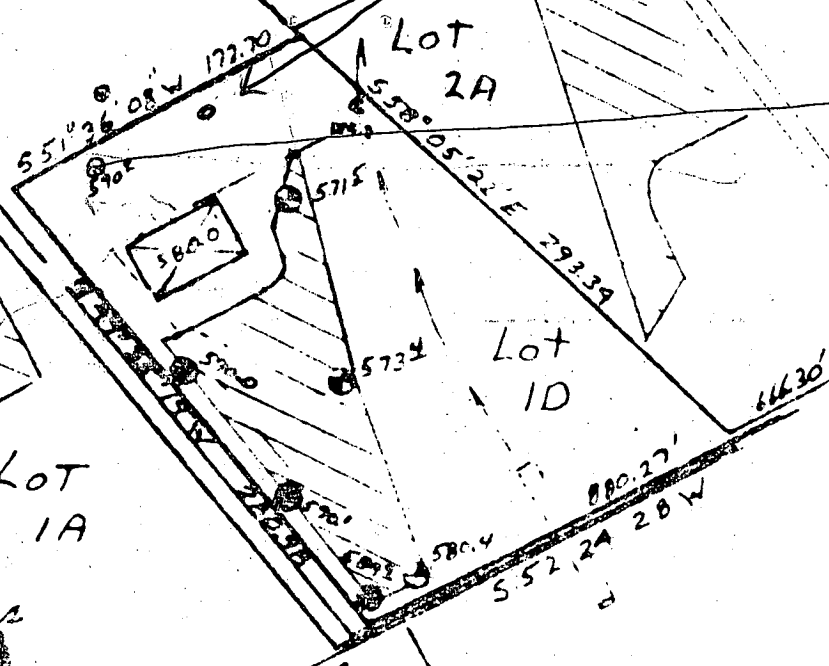
Lot 1-C

Lot 1A

3/9/84 well site OK
Lot 2B

1st hole DRY.
2nd site OK
75' TO PERC FIELD
CW 4/23/84

2/6/84
WELL LOCATION
AS IS



MINIMUM VERIFIABLE FLOOR ELEVATION
FOR THIS LOT IS 588.0'

Lot 10D

This area designates a private sewage easement of 10,000 square feet as required by the Maryland State Department of Health and Mental Hygiene for individual sewage disposal. Improvements of any nature in this area are restricted until public sewage is available. 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 sewage easement. Recordation of a modified sewage easement shall not be necessary.

Percolation test holes shown hereon have been field located and shown as "•".

The lots shown hereon comply with the minimum ownership width and lot areas as required by the Maryland State Department of Health and Mental Hygiene.

Percolation areas and water wells for adjoining lots have been shown where pertinent.

PERCOLATION TEST PLAT
LOT 1D
TRIADDELPHIA FARMS II
PROPERTY OF
RICHARD M. HEMPHILL
3rd Election District
Howard County, Maryland
Scale 1"=100'
Date 1-30-82

APPROVED: For Private Water and Private Sewage Systems
Jorge L. Longenecker
County Health Officer
2-23-82
Date

NTT Associates
Suite 307, Clark Bldg.
Columbia, MD 21044
321-0307

C1	4530	SEQUENCE NO. (OEP USE ONLY)	STATE OF MARYLAND WELL COMPLETION REPORT FILL IN THIS FORM COMPLETELY PLEASE PRINT OR TYPE	THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)			COUNTY NUMBER	A 31478

DATE Received	DATE WELL COMPLETED	Depth of Well	PERMIT NO.
8 13	042687	22 400 26 (TO NEAREST FOOT)	FROM "PERMIT TO DRILL WELL" 40-81-0446
OWNER	Fadrowski	Matt	
STREET OR RFD	last name Triadelphia Rd.	first name	TOWN Glenelg
SUBDIVISION	Triadelphia Farms	SECTION 2	LOT 1-D

WELL LOG		
Not required for driven wells		
STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING		
DESCRIPTION (Use additional sheets if needed)	FEET	Check if water bearing
	FROM	TO
top soil	0	3
Brown mica	3	27
tan mica	27	50
Gray mica	50	200
quartz and mica	200	240
Gray mica	240	300
tan mica	300	320
Gray mica	320	400

GROUTING RECORD	
WELL HAS BEEN GROUTED (Circle Appropriate Box)	
yes	no
<input checked="" type="checkbox"/>	<input type="checkbox"/>
TYPE OF GROUTING MATERIAL	
CEMENT <input checked="" type="checkbox"/>	BENTONITE CLAY <input type="checkbox"/>
NO. OF BAGS	NO. OF POUNDS
45	800
GALLONS OF WATER	
45	
DEPTH OF GROUT SEAL (to nearest foot)	
from 0 ft. to 27 ft.	
(enter 0 if from surface)	
CASING RECORD	
casing types insert appropriate code below	
ST	CO
PL	OT
STEEL	CONCRETE
PLASTIC	OTHER
MAIN Casing	
Nominal diameter	Total depth
top (main) casing	of main casing
(nearest inch)	(nearest foot)
5 1/2	06
60	63
61	64
66	70

OTHER CASING (if used)	
diameter	depth (feet)
inch	from to

SCREEN RECORD		
screen type or open hole		
ST	BR	HO
STEEL	BRASS	OPEN HOLE
PL	OT	
PLASTIC	OTHER	

C2		
DEPTH (nearest ft.)		
1 40	30	400
8 9	11	15
23 24	26	30
38 39	41	45
47	51	
SLOT SIZE 1 2 3		
DIAMETER OF SCREEN (NEAREST INCH)		
56 60		

GRAVEL PACK	
IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68	
68	

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)		
T	(E.R.O.S.)	WQ
70	72	74 75 76
TELESCOPE CASING	LOG INDICATOR	OTHER DATA

C3		
PUMPING TEST		
HOURS PUMPED (nearest hour)		
6		
PUMPING RATE (gal. per min. to nearest gal.)		
2		
METHOD USED TO MEASURE PUMPING RATE		
Bucket		
WATER LEVEL (distance from land surface)		
BEFORE PUMPING		
116		
WHEN PUMPING		
180		
TYPE OF PUMP USED (for test)		
A air	P piston	T turbine
C centrifugal	R rotary	O other (describe below)
J jet	S submersible	

PUMP INSTALLED	
DRILLER WILL INSTALL PUMP YES NO	
(CIRCLE) (YES or NO)	
IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE	
TYPE OF PUMP INSTALLED	
PLACE (A,C,J,P,R,S,T,O)	
IN BOX - SEE ABOVE:	
CAPACITY:	
GALLONS PER MINUTE (to nearest gallon)	
PUMP HORSE POWER	
PUMP COLUMN LENGTH (nearest ft.)	
CASING HEIGHT (circle appropriate box and enter casing height)	
above	
below	
LAND SURFACE	
02 (nearest foot)	

LOCATION OF WELL ON LOT	
SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)	
Lot line	
75	
X well	
Lot line	

CIRCLE APPROPRIATE LETTER	
A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED	
E ELECTRIC LOG OBTAINED	
P TEST WELL CONVERTED TO PRODUCTION WELL	
I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 10.17.13 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.	
DRILLERS IDENT. NO. 40	
George S. Easterday	
DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)	
Site Supervisor	
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)	

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 81-0446
Location of property (road) Triadelphia Rd.
Subdivision Triadelphia Farms Lot 1-D Block Plat Sec. 2
Well Driller George F. Easky Owner Matt Fadlowski
Depth of well 400
Distance of measuring point (M.P.) above ground + 2
Static water level (S.W.L.) below M.P. 16

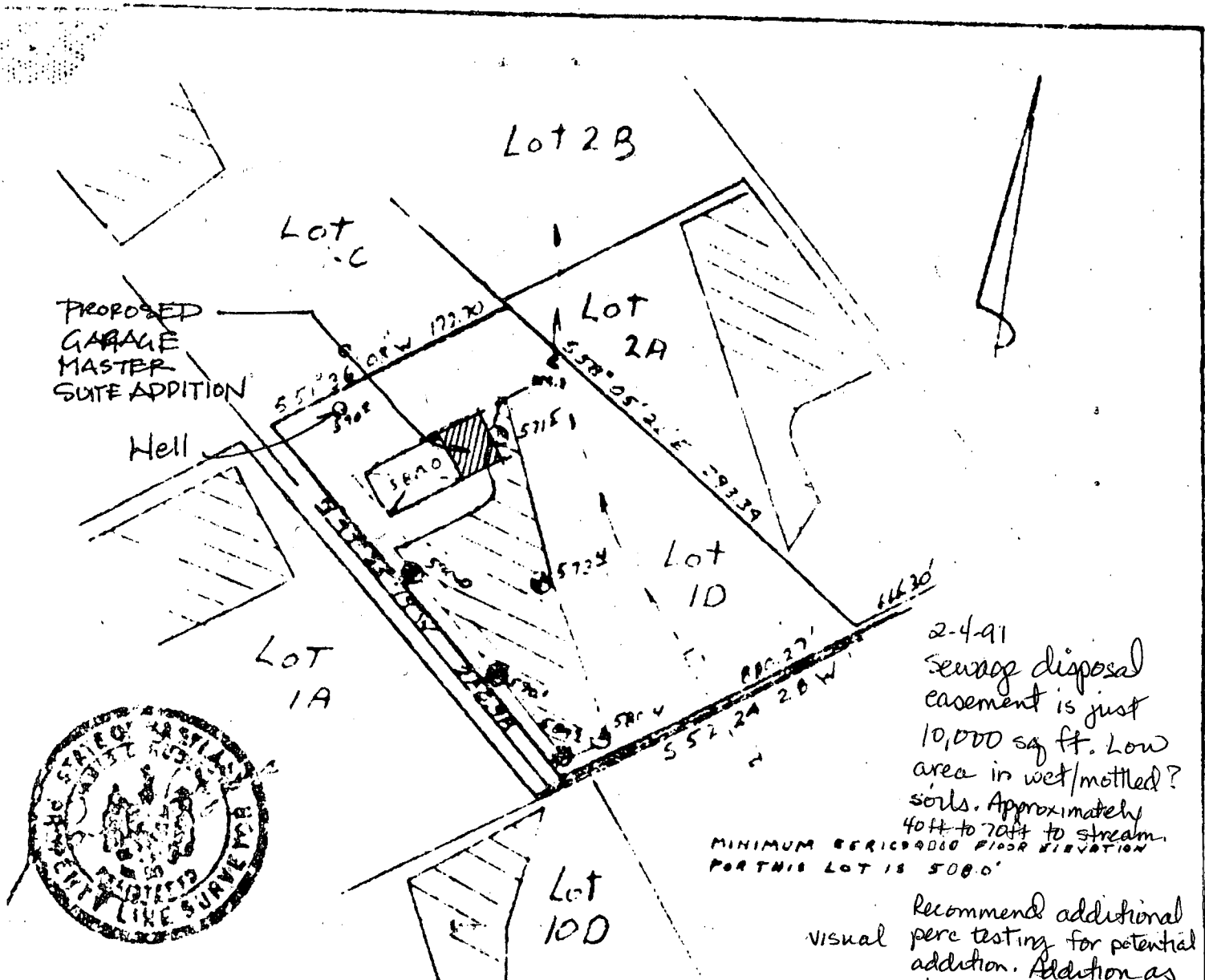
I. High rate pumping -- reservoir drawdown

Time pump started 9:00 AM Pumping rate 10 gpm
Total time 45 mins to reach pumping water level 220 ft. below M.P.

PUMP SET AT 350' TESTED BY BLAKE

II. Recovery pump test data - observations to be recorded every 15 minutes

TIME (in 15 minute intervals)	WATER LEVEL below M.P.	PUMPING RATE time to fill 5 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
10:00	210	5 mins		1
10:15	210	5 mins		1
10:30	208	5		1
10:45	200	5		1
11:00	192	5		1
11:15	185	5		1
11:30	185	5		1
11:45	180	5		1
12:00	175	5		1
12:15	180	1 min 30 sec		2
12:30	178	2 min 30		1.5
12:45	178	2 min 30		1.5
1:00	177	2 min 30		1.5
1:15	178	2 min 30		1.5
1:30	179	2 min 30		1.5
1:45	179	2 min 30		1.5
2:00	178	2 min 30		1.5
2:15	179	2 min 30		1.5
2:30	179	2 min 30		1.5
2:45	179	2 min 30		1.5
3:00	179	2 min 30		1.5
3:15	179	2 min 30		1.5
3:30	180	2 min 30		1.5
3:45	180	2 min 30		1.5



This area designates a private sewage easement of 10,000 square feet as required by the Maryland State Department of Health and Mental Hygiene for individual sewage disposal. Improvements of any nature in this area are restricted until public sewage is available. 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 sewage easement. Recordation of a modified sewage easement shall not be necessary.

Percolation test holes shown hereon have been field located and shown as "X".

The lots shown hereon comply with the minimum ownership width and lot areas as required by the Maryland State Department of Health and Mental Hygiene.

Percolation areas and water wells for adjoining lots have been shown where pertinent.

APPROVED: For Private Water and Private Sewage Systems

[Signature]
County Health Officer

2-23-82
Date

2-4-91
Sewage disposal easement is just 10,000 sq ft. Low area in wet/mottled? soils. Approximately 40ft to 70ft to stream. MINIMUM PERCOLATION PLOT ELEVATION PORTNIE LOT IS 500.0'

visual Recommend additional perc testing for potential addition. Addition as shown, in unacceptable location. Perc to confirm soils. Lot does not appear to have other areas with suitable soils for SDs.

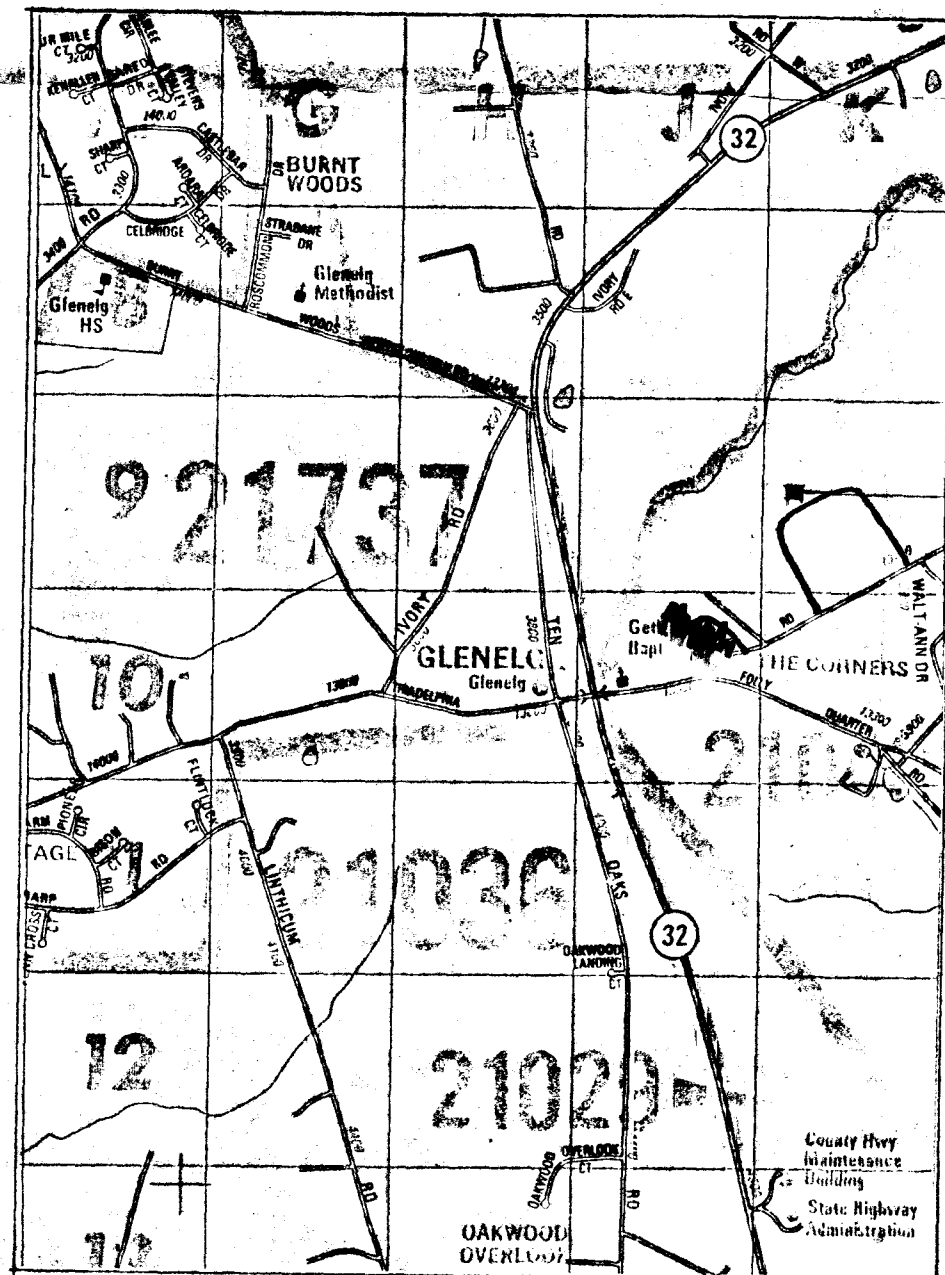
PERCOLATION TEST PLAT JEN LOT 1D

TRIADELPHIA FARMS II

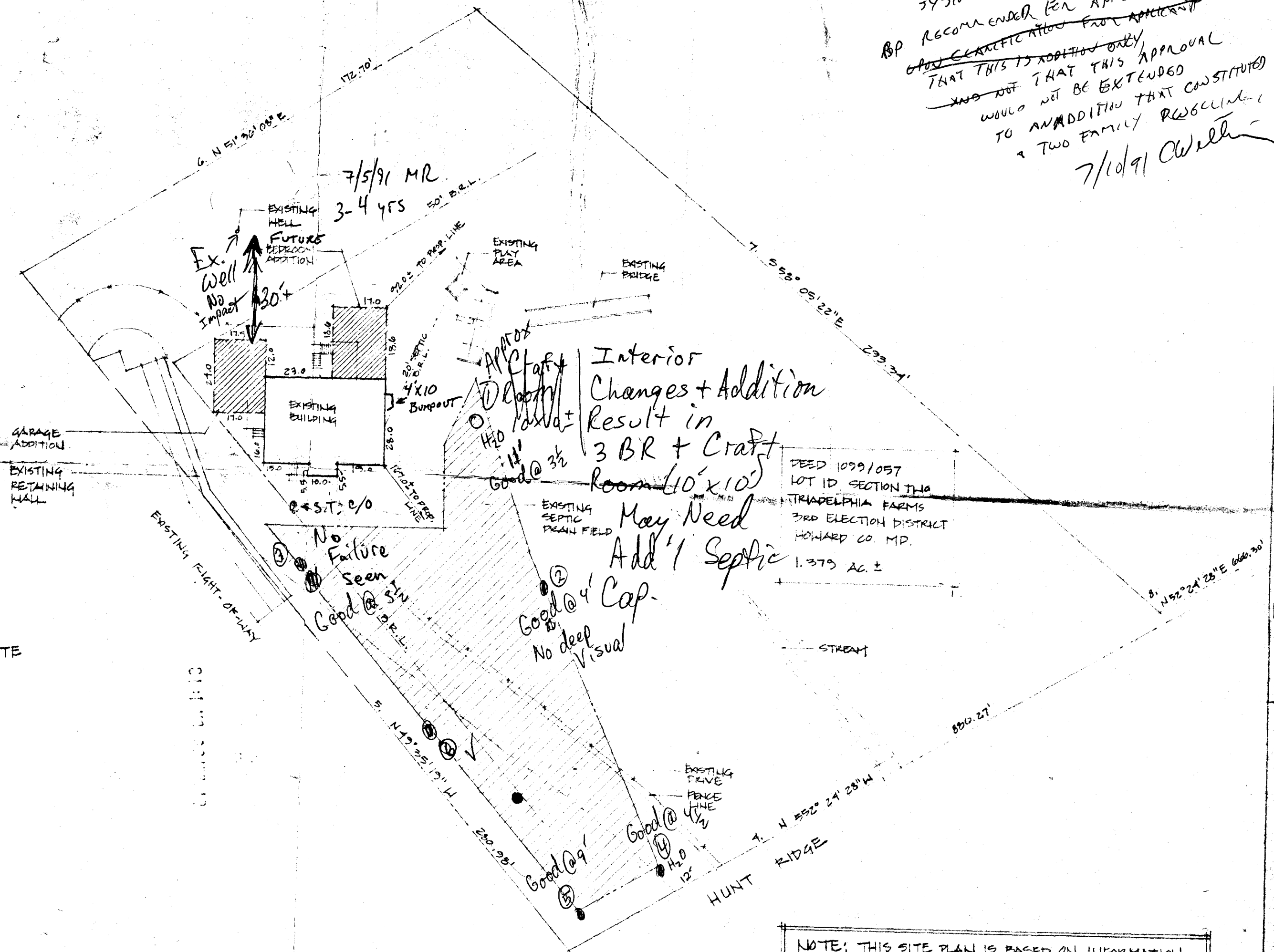
PROPERTY OF RICHARD M. NEMPHILL

3rd Election District
Howard County, Maryland
Scale 1"=100'
Date 1-30-82

NTT Associates
Suite 307, Clark Bldg.
Columbia, MD 21046
321-0307



2 VICINITY MAP
N.T.S.



1 SITE PLAN
SCALE: 1" = 30'-0"

NOTE: THIS SITE PLAN IS BASED ON INFORMATION DERIVED FROM THE PLAN PREPARED BY HUDKINS ASSOCIATES, INC., REGISTERED LAND SURVEYOR: WALTER PARK, MD # 5539, DATED 7.24.84; PLAN PREPARED BY HUDKINS ASSOC., INC, PLOT PLAN DATED 5.2.84; AND PLAN PREPARED BY NTT ASSOC., DATED 1.30.82.

NO ADDITIONAL CAPACITY TO BE ADDED AT THIS TIME
SYSTEM IS LESS THAN 10 YRS OLD,
BP RECOMMENDED FOR APPROVAL
THAT THIS IS ADDITION ONLY
AND NOT THAT THIS APPROVAL
WOULD NOT BE EXTENDED
TO AN ADDITION THAT CONSTITUTED
A TWO FAMILY RESIDENCE
7/10/91 *Chellin*

Fadowski Addition
13352 Hunt Ridge
Ellicott City, Maryland 21043
Project # 9101

WHN Design
14000 Castle Blvd. #500
Silver Spring, Maryland 20904
William H. Novak
(301) 890-5936

Sheet Title: Site Plan/ Vicinity Map
Scale: 1" = 30'-0"
Date: 8.23.91
Revisions: 1.9.91, 6.24.91