

approved 4/2/84
Slayer
P 33031
A 32763

4/2/84

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
992-2330

INDEX

ELLICOTT CITY
DISTRICT 3rd
DATE 3/9/83

New World Homes IS PERMITTED TO INSTALL ☒ ALTER ☐
ADDRESS 15775 Route 144, Lisbon, MD 21765 PHONE 442-1007
SUBDIVISION Triadelphia Farms II ROAD 13320 Triadelphia Road LOT 2-B
PROPERTY OWNER Sondra Hetzel
ADDRESS 12410 Hall Shop Road, Fulton, MD 20759 Phone: 854-3665

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

GARBAGE GRINDER? YES ☐ NO ☒

SEPTIC TANK CAPACITY 1000 GALLONS NUMBER OF BEDROOMS 3

156 sq. ft. per bedroom. Trench to be 2 ft. wide. Inlet 3 ft. below original grade.
Bottom maximum depth 8 ft. below original grade. Effective area begins at 3 ft. below
original grade. 5 ft. of stone below distribution pipe. LOCATION: Start 1 st. trench
185 ft. from back lot line and 30 ft. from left lot line, as seen when facing property
from Triadelphia Road. Run trenches along level ground toward back left corner of pro-
perty. (Additional trenches to run parallel to first, also starting 185 ft. from back
lot line.) (No part of any trench to be more than 65 ft. from left lot line.)

PLANS APPROVED BY Craig Williams DATE August 6, 1983

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.

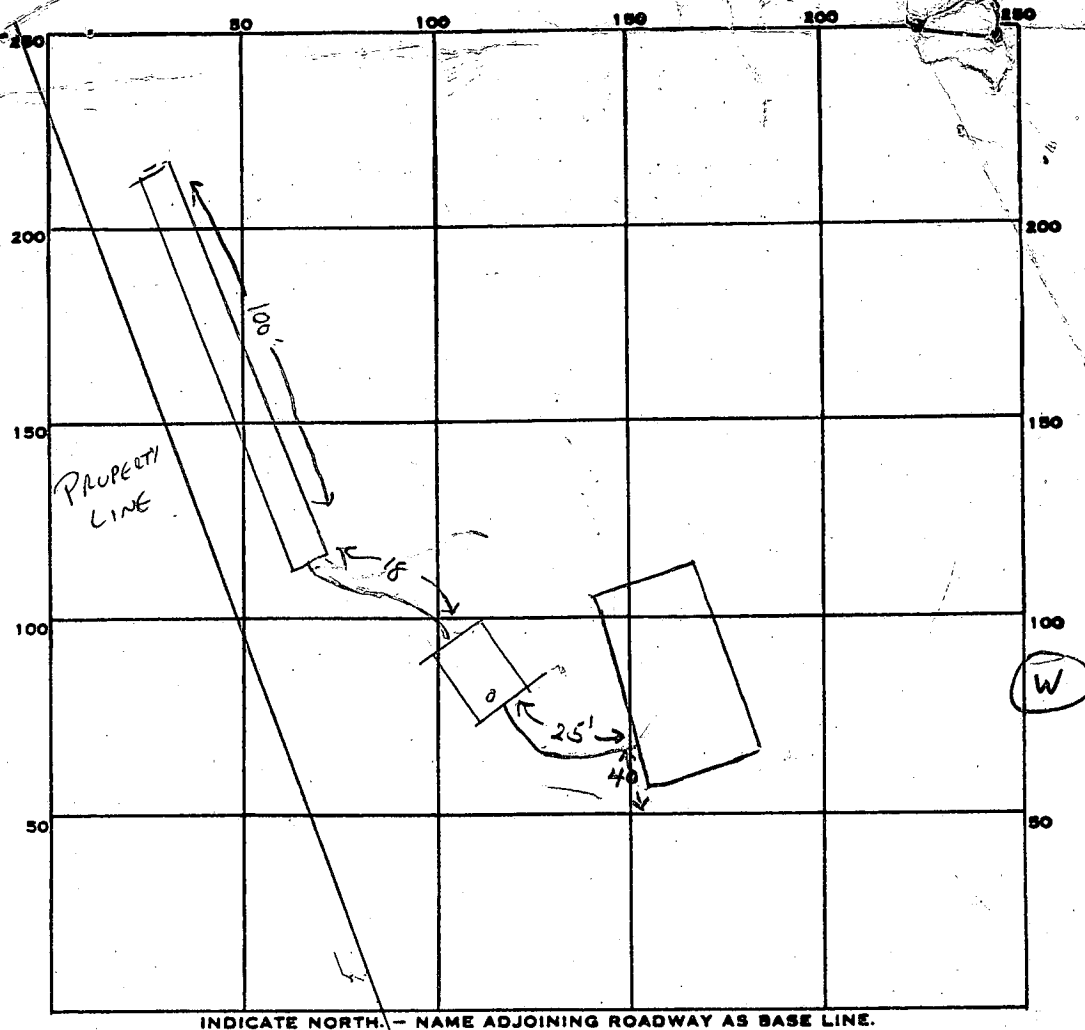
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA, OR
PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED.

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APROVAL ON THIS PERMIT

*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082

A 32763



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

PERMIT CARD _____

SEPTIC TANK, LEVEL ✓

CLEANOUTS ST ✓

DISTRIBUTION BOX, LEVEL N/A

TILE FIELD, DEPTH 8 FT. TRENCH WIDTH 2 FT.

GRAVEL DEPTH 5 FT IN. TOTAL LENGTH 100 FT.

NUMBER OF TRENCHES 1 ONE SIDEWALL TOTAL BOTTOM AREA 500

SEEPAGE PITS, INSIDE DIAMETER _____ FT. DEPTH BELOW INLET _____ FT.

ABSORBENT AREA 500 SQ. FT.

REMARKS TRENCH OK, ADD GRAVEL, 8-11-83 CW

GRAVEL OK - NEED HOUSE CONNECTION 8-12-83 CW

4/2/84 House connection OK JS

DATE SYSTEM APPROVED

4/2/84

INSPECTOR

Stayer

5/19/83
9:30

APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

P. O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 992-2330

A 32763

P _____

DISTRICT 3RD

DATE 5/12/83

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 _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Triadelphia Farms II LOT NO. 2-B

ROAD AND DESCRIPTION _____

SIZE OF LOT _____ TYPE BLDG. _____
(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. _____

(SIGNATURE OF APPLICANT)

APPROVED BY Frank Shenn FOR Frederick DATE 7/13/83

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

BLDG. PERMIT SIGNED

AND RETURNED 10/4/83

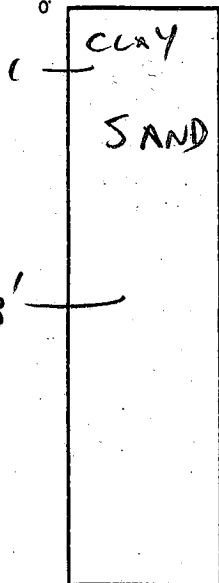
Serial #53914

JFLP.

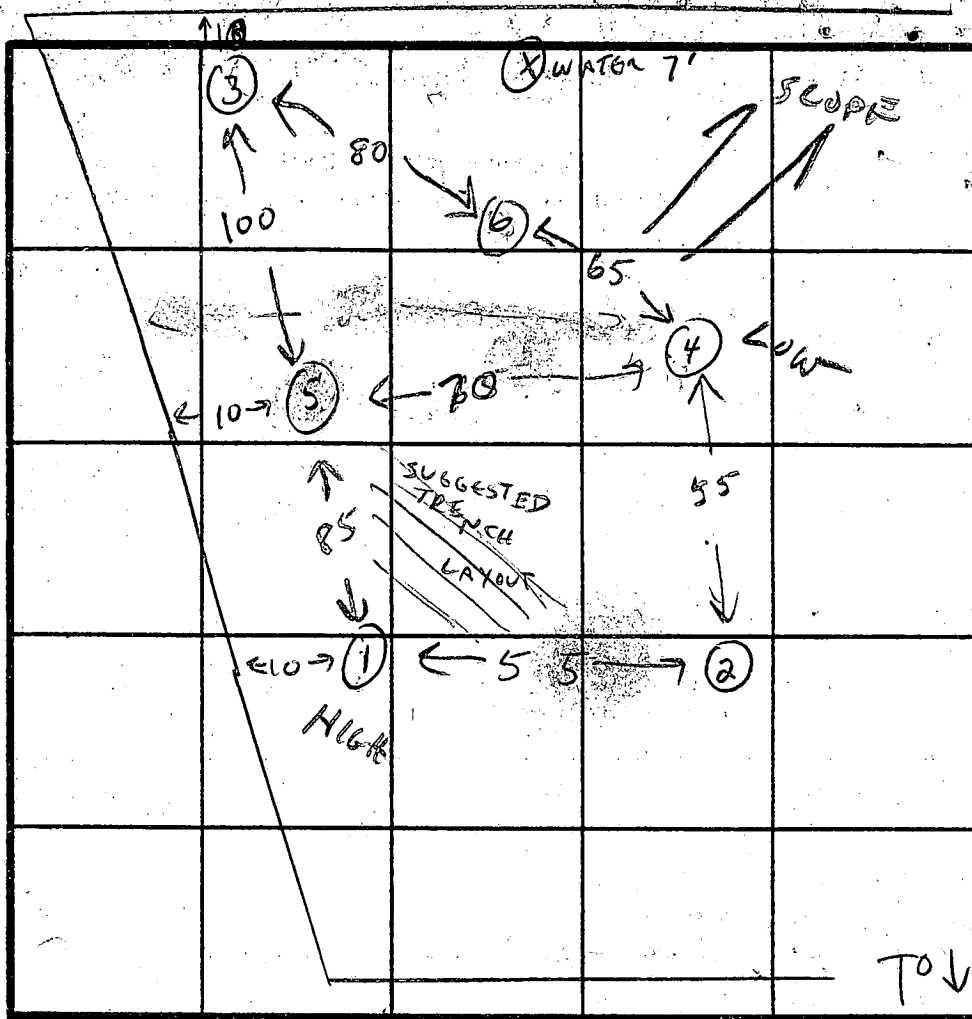
THIS IS NOT A PERMIT

1, 2, 3, 5, 6

SOIL PROFILE



4, X



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

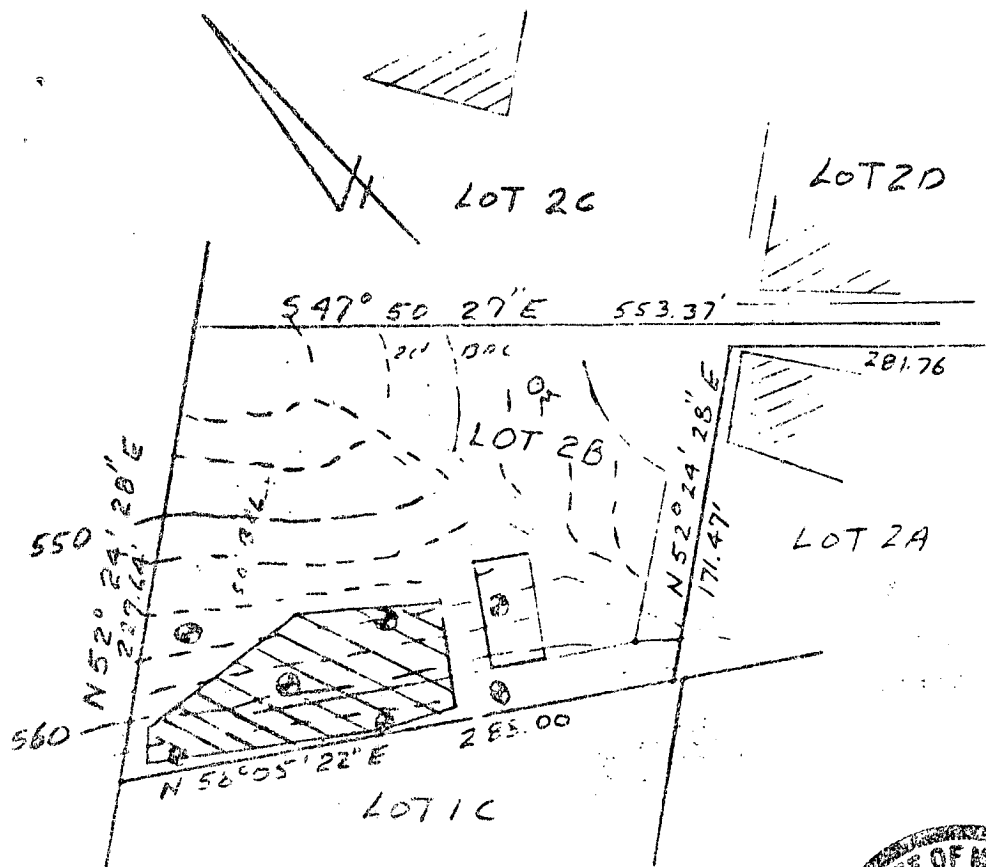
DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
	1	3 8	9:36 9:36	9:38 9:38	9:38 9:38	9:40 9:40	2 MIN 2 MIN
		13	SAND				
	2	3 8	9:39 9:39	9:45 9:42	9:45 9:42	9:57 9:46	12 MIN 4 MIN
		13	SAND				
	3	3 8	9:44 9:44	9:47 9:46	9:47 9:46	9:50 9:48	3 MIN 2 MIN
		13	NO WATER (SAND)				
	4	3 13	10:01 WATER	10:05 AT 9'	10:05	10:10	10 MIN
	5	VISUAL SAND 14'					
	6	VISUAL SAND 13'					
	(X)	WATER AT 9'					

REMARKS RUN TRENCHES DIAGONALLY AS ILLUSTRATED

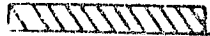
TYPE OF SOIL SAND

TESTED BY C. William

ALSO PRESENT FRED DIXON
KEN ALLEN



The house site shown hereon is restrictive in that the minium servicable floor elevation is 561.5'.


 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.

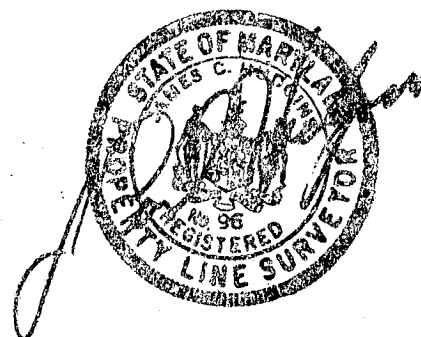
Percolation test holes shown hereon have been field located and shown as "P".

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

 7-14-83
County Health Officer Date



PERCOLATION TEST PLAT

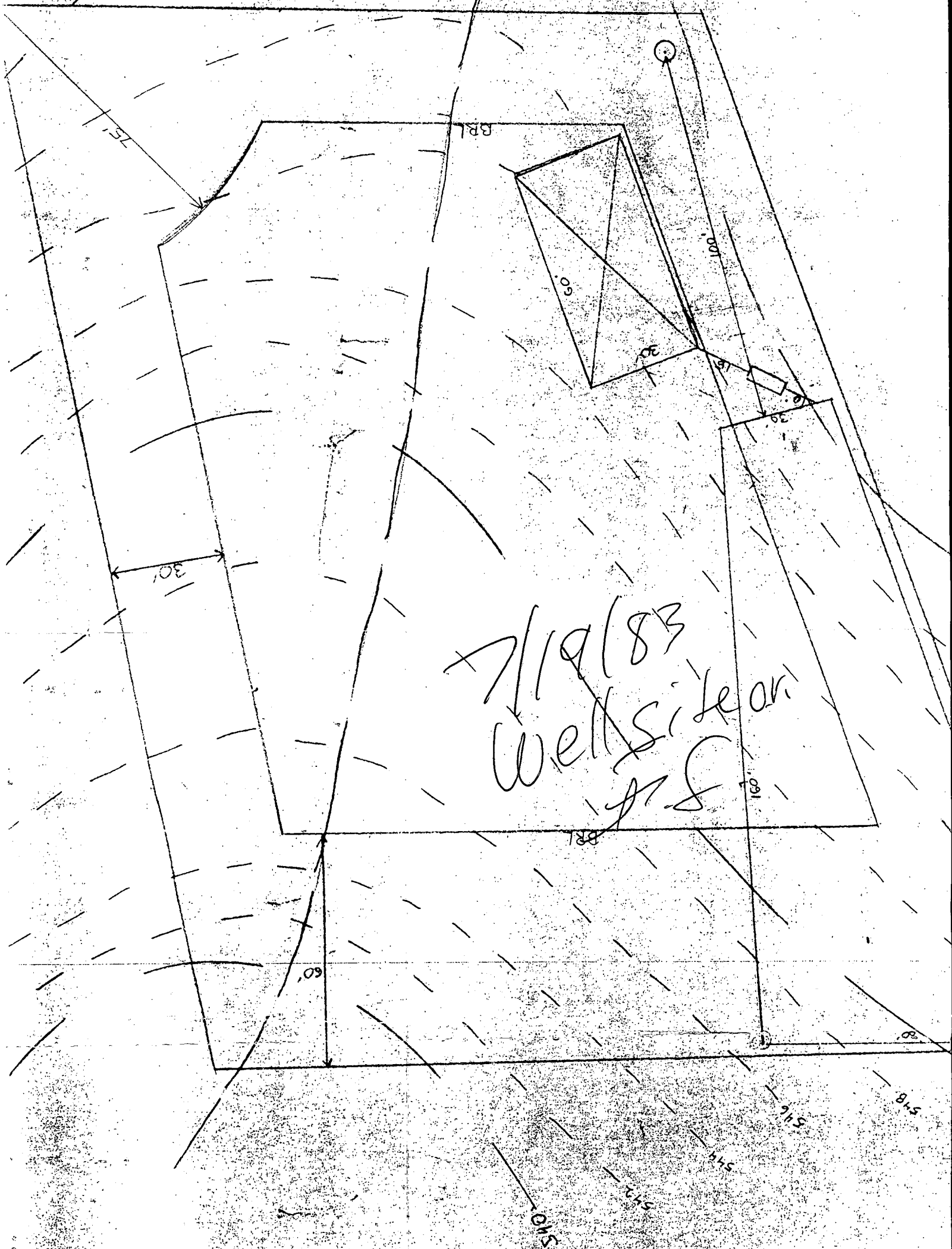
LOT 2B

TRIADELPHIA FARMS II

3rd Election District
Howard County, Maryland
Scale 1"=100'
Date 7/11/83

NTT Associates
101 Sterrett Place
Columbia, MD 21044
321-0307

Lot 2B Triadelpia Farms II



OWNER 20

Sandra Hitzel

854-3668

ref 992-4500

C14377

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.

COUNTY
NUMBERA 32763

DATE Received

DATE WELL COMPLETED

Depth of Well

PERMIT NO.
FROM "PERMIT TO DRILL WELL"

80583

125

HO-81-0214

OWNERHetzelllast nameSondrafirst name

STREET OR RFDTriadelphia Rd.TOWNBurntwoods

SUBDIVISIONTriadelphia Farms IISECTIONLOT2B

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
FROMTO

Check
if water
bearing

rolling ground
' gravel

039'

✓

brown shale

39'45'

✓

water

✓

brown shale

45'60'

✓

schist

60'102'

✓

water

✓

schist

102'125'

✓

GROUTING RECORD

WELL HAS BEEN GROUTED
(Circle Appropriate Box)

TYPE OF GROUTING MATERIAL

CEMENTCMBENTONITE CLAYBC

NO. OF BAGS8NO. OF POUNDS768

GALLONS OF WATER36

DEPTH OF GROUT SEAL (to nearest foot)

from0ft. to35ft.

TOPBOTTOM

CASING RECORD

casing
types
insert
appropriate
code
below

STEELCONCRETE
PLASTICOTHER

MAIN Nominal diameter Total depth
CASING top (main) casing of main casing
TYPE (nearest inch) (nearest foot)

ST642

OTHER CASING (if used)

diameter depth (feet)
inch from to

SCREEN RECORD

screen type
or open hole
insert
appropriate
code
below

STEELBRASS
BRONZE
PLASTICOTHER

DEPTH (nearest ft.)

HO42125

LAND SURFACE

abovebelow

NEAREST
FOOT

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.064

DRILLERS SIGNATURE
(MUST MATCH SIGNATURE ON APPLICATION)

SITE SUPERVISOR (sign. of driller or journeyman
responsible for sitework if different from permittee)

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

OEP USE ONLY
(NOT TO BE FILLED IN BY DRILLER)

T (E.R.O.S.) WQ

TELESCOPE CASING LOG INDICATOR OTHER DATA

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)

Triadelphia Rd

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 81-0214
Location of property (road) Triadelphia Rd
Subdivision Triadelphia Farms II Lot 2B Block Plat Sec.
Well Driller Wm. W. Roehart Owner Sandra Hetzel

Depth of well 125'
Distance of measuring point (M.P.) above ground Surface
Static water level (S.W.L.) below M.P. 7'

I. High rate pumping -- reservoir drawdown

Time pump started 8:45 AM Pumping rate 10 gpm
Total time 15 hrs to reach pumping water level 70 ft. below M.P.

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

[illegible]

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 81-0314
Location of property (road) Philadelphia Road
Subdivision Philadelphia Farms II Lot 2-B Block _____ Plat _____ Sec. _____
Well Driller Kearney, Inc. Owner Sandra Fitzgall

Depth of well 125
Distance of measuring point (M.P.) above ground 1'
Static water level (S.W.L.) below M.P. 7'

I. High rate pumping -- reservoir drawdown

Time pump started 8:45 Pumping rate 10 GPM
Total time to reach pumping water level ft. below M.P.

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

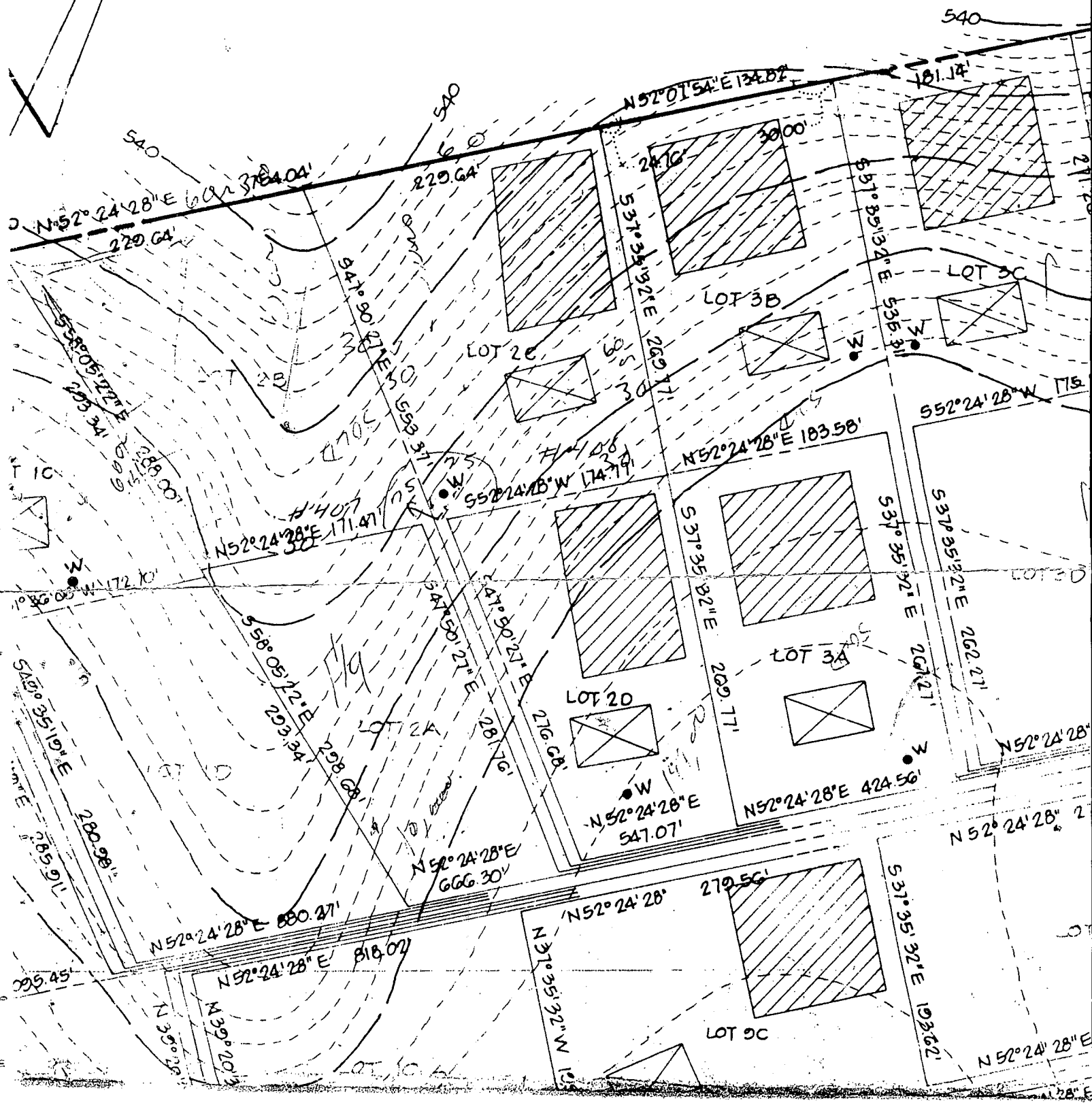
[illegible]

Well - info

m 2B

125' deep
10 gal's/min

Sandra

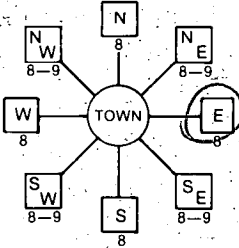
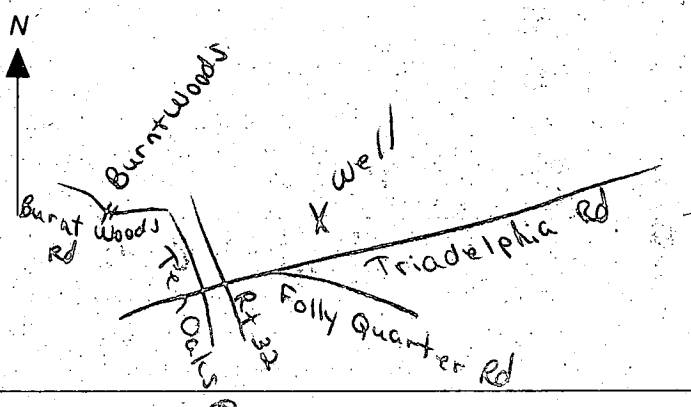


MRS. J MOOT

Sandra Hefel
General Delivery
Tulton, Md. 20759

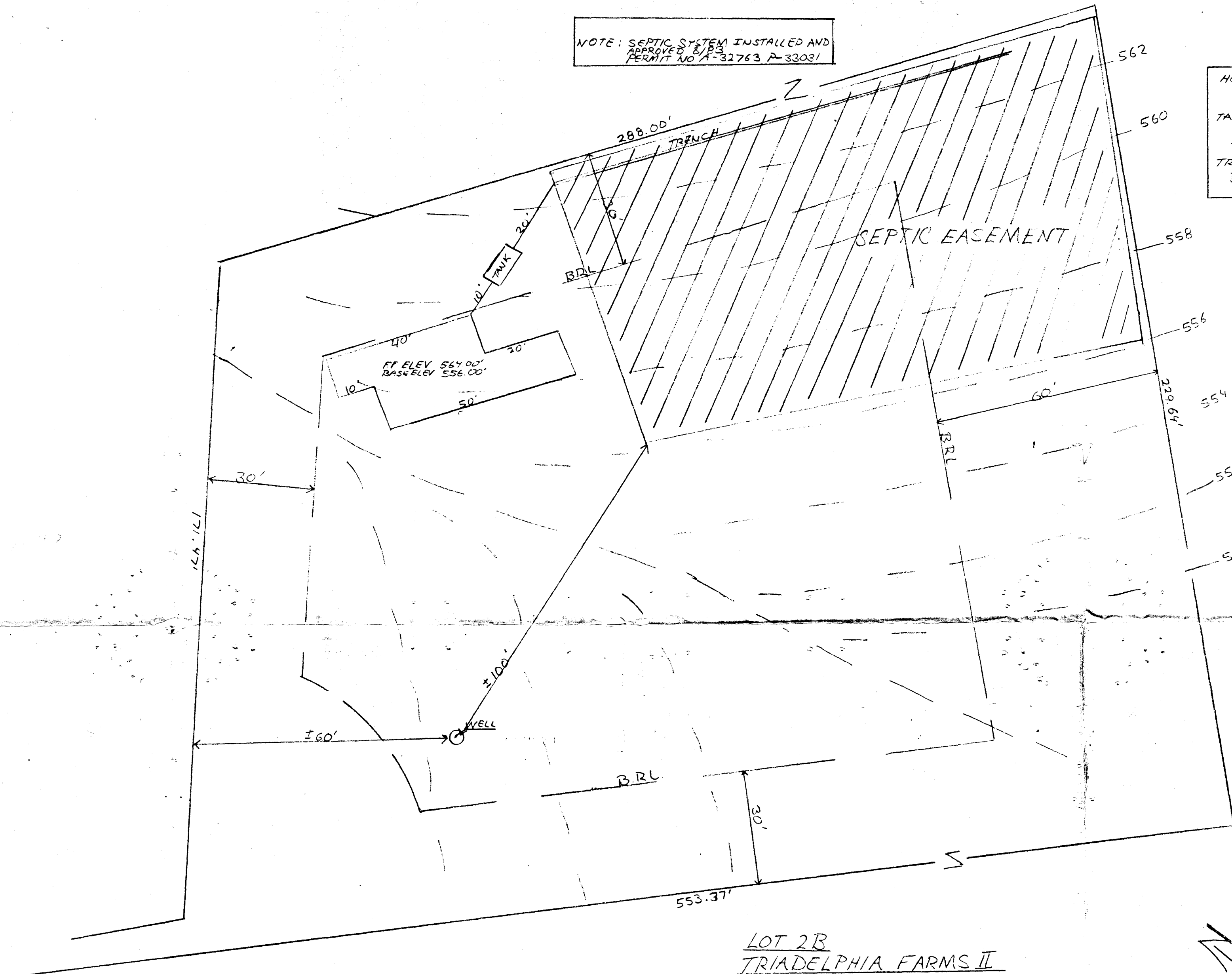
~~13~~

Letter regarding
her well on
Iris Farm II,
Lot 2B
glw & depth

B 1 0853 <small>(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)</small>	SEQUENCE NO. (OEP USE ONLY)	STATE OF MARYLAND PERMIT TO DRILL WELL please print or type	OEP PERMIT NUMBER HO-81-0214 <small>fill in this form completely</small>
Date Received 8/5/83 11:30 A.M. 071883 OWNER INFORMATION Hetzel Sondra 15 Last Name 34 Owner First Name 12410 Hail Shop Rd 36 Street or RFD 55 Fulton MD 20759 57 Town 70 State 72 Zip 76		B 3 LOCATION OF WELL Howard 8 COUNTY 21 Triadelphia Farms II 23 SUBDIVISION 42 SECTION 44 46 LOT 28 50 Burnt Woods 52 NEAREST TOWN 71 MILES FROM TOWN (enter 0 if in town) 3 73 M 1 76 77 78	
DRILLER INFORMATION Wm. W. Reichart Driller's Name Wm. W. Reichart, Inc Firm Name RD 2 Box 54 Hanover, PA 17331 Address Wm. W. Reichart Signature 7/13/83 Date 77 License No. 80 0164		B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)  TOWN ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) NORTH <input checked="" type="radio"/> 11 WEST <input type="radio"/> 32 EAST <input type="radio"/> E SOUTH <input type="radio"/> S 34 1300 37 DISTANCE FROM ROAD ENTER FT or MI FT 38 39	
B 2 WELL INFORMATION APPROX. PUMPING RATE (GAL. PER MIN.) 5 8 12 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500 14 20		NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL HOWARD COUNTY NAME OEP SIGNATURE Frank Shinn DATE ISSUED 2/2/84 COUNTY NO. A 32763 STATE HEALTH INSERT S 41 NORTH GRID 523000 50 55 EAST GRID 0805000 57 63	
USE FOR WATER (CIRCLE APPROPRIATE BOX) <input checked="" type="radio"/> HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY) <input type="radio"/> FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) <input type="radio"/> INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT) <input type="radio"/> PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL) <input type="radio"/> TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)		SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X SOURCES OF DRILLING WATER 1. Approved well 2. 3. WRITE THE BOX NUMBER FROM THE MAP HERE <div style="border: 1px solid black; padding: 5px; display: inline-block;"> E 8005 N 5203 </div>	
APPROXIMATE DEPTH OF WELL 250 24 28 FEET APPROXIMATE DIAMETER OF WELL 6 1 INCH		METHOD OF DRILLING (circle one) BORED (or Augered) JETTED Jetted & DRIVEN 30 AIR-ROTary 37 AIR-PERCussion ROTARY (Hydraulic Rotary) CABLE REVERSE-ROTary DRIVE-POINT other	
REPLACEMENT OR DEEPEND WELLS (CIRCLE APPROPRIATE BOX) <input checked="" type="radio"/> THIS WELL WILL NOT REPLACE AN EXISTING WELL <input type="radio"/> THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED 39 <input type="radio"/> THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY <input type="radio"/> THIS WELL WILL DEEPEEN AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEND (IF AVAILABLE) 41 52		DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION 	
Not to be filled in by driller (OEP USE ONLY)			
APPROX. PERMIT NUMBER 54 G A P 63 FORCE ES WRITE INITIALS IN BOX PERMIT No. HO-81-0214 70 71 72 73 74 75 76 77 78 79			
SPECIAL CONDITIONS			

NOTE: SEPTIC SYSTEM INSTALLED AND
APPROVED 8/83
PERMIT NO A-32763 P-33031

HOUSE	
FF ELEV	564.00'
BASE ELEV	556.00'
INV OUT	559.70'
TANK	
EXIST ELEV	560.50'
INV IN	559.70'
INV OUT	559.50'
FINISH ELEV	562.00'
TRENCH	
INV IN	559.00'
EXIST ELEV	562.00'



LOT 2B
TRIADELPHIA FARMS II

10/4/83 Fred Skinner

House F.F. 560.00'
 Base Elev. 550.00'
 House Inv. 555.65'

TANK

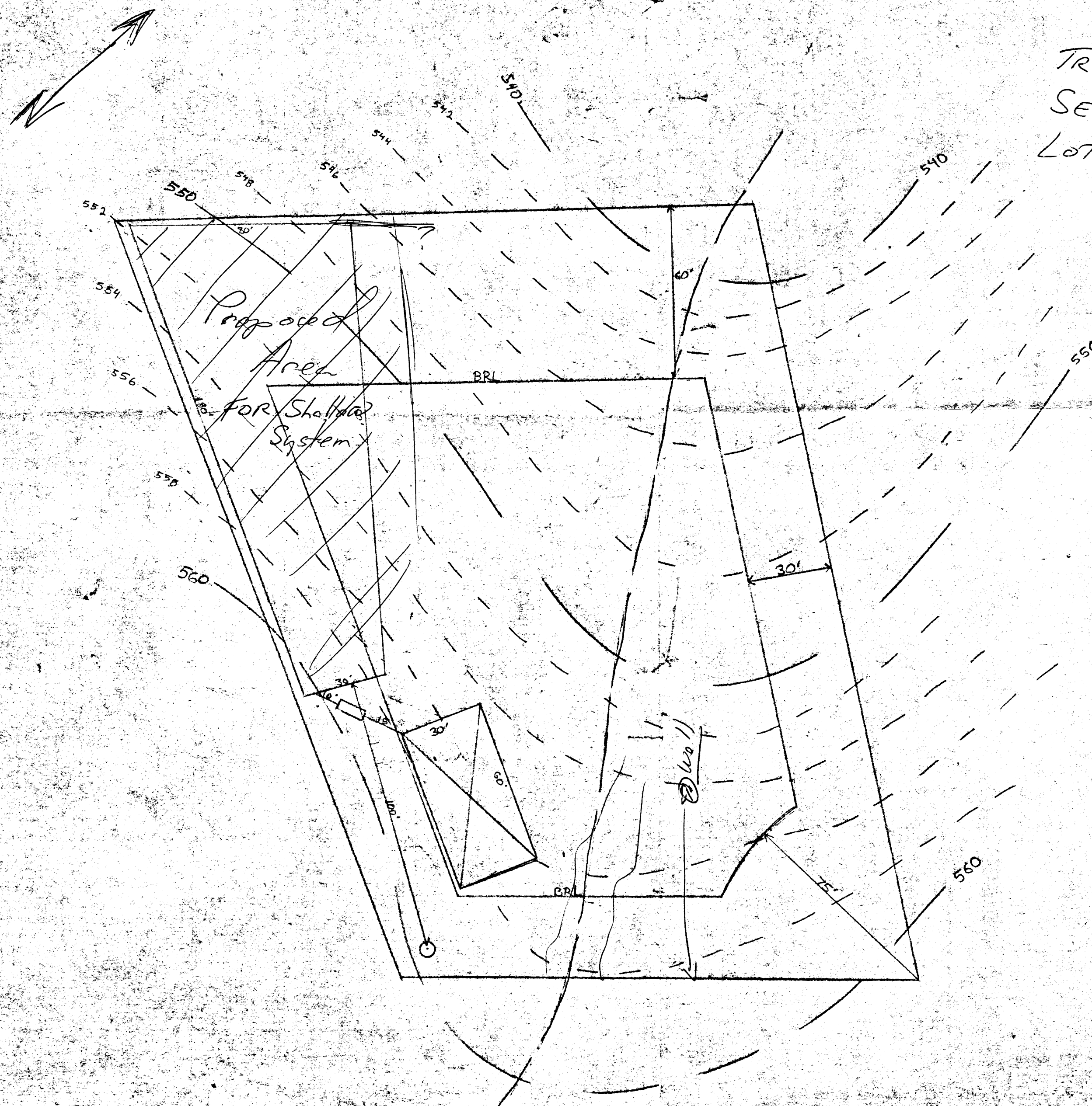
Ex. grade 558.00'
 Inv. In. 555.40'
 Inv. Out. 555.20'

TRIADELPHIA FARMS
 SECTION II
 LOT 2B

Trench

Ex. grade 558.00'
 Inv. Inlet 555.00'

Well 552.00'



HOWARD COUNTY HEALTH DEPARTMENT

JOYCE M. BOYD, M.D., M.P.H.
COUNTY HEALTH OFFICER



BUREAU OF ENVIRONMENTAL HEALTH
TIBER PLACE
8308B FORREST STREET
ELLCOTT CITY, MARYLAND 21043
TELEPHONE: 992-2330

January 13, 1984

Mrs. Sondra Hetzel
12410 Hall Shop Road
Fulton, Maryland 20759

RE: Lot 2-B, Triadelphia Farms II

Dear Mrs. Hetzel:

This is to advise you that the well for the above referenced property was constructed in accordance with the well construction regulations (COMAR 10.17.13).

The well grouting and yield testing procedures were approved on August 5, 1983. The well is 125 feet deep and its yield is ten (10) gallons per minute.

Please be advised that the final house to septic tank connection must be inspected before that work is covered. Call 992-2330 to arrange for septic inspection. If you have any questions regarding this matter please call me at the above number.

Very truly yours,

Frank A. Skinner

Frank A. Skinner, Director
Water and Sewerage Program

FAS:hs