

7-23-85
7/31/85
ingtem-noon

approved
7/31/85
C. Williams

PERMIT

P 35719

A 28951

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

BUREAU OF ENVIRONMENTAL HEALTH

992-2330

ELLICOTT CITY

DISTRICT 3rd

DATE 4/28/85

INDEXED

Paul Schissler

IS PERMITTED TO INSTALL X ALTER

ADDRESS _____ PHONE 875-4197

SUBDIVISION Triadelphia Farms II ROAD 13302 Triadelphia Road LOT 4-C

PROPERTY OWNER Richard Walters - (953-7387 JONICE)

ADDRESS _____

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 - 158 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 9 feet below original grade. Effective area begins at 3 feet below original grade. 6 feet of stone below distribution pipe. LOCATION: Start the trench at perc hole (1) located 135 feet from the back lot line and 50 feet from the right side of the lot as seen when facing the lot from the back lot line. Run the ditch toward the back lot line. The back lot line is the 185.00 ft. long lot line on the Northern end of the lot. NOTE: No trench to exceed 100 feet in length. If more than one trench used, a distribution box is required. Trenches to be installed on level ground. Call for inspection of trench(s) before and after gravel is installed. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank.'

PLANS APPROVED BY Raymond Hodges/Fred Frommelt DATE 3/8/83

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.

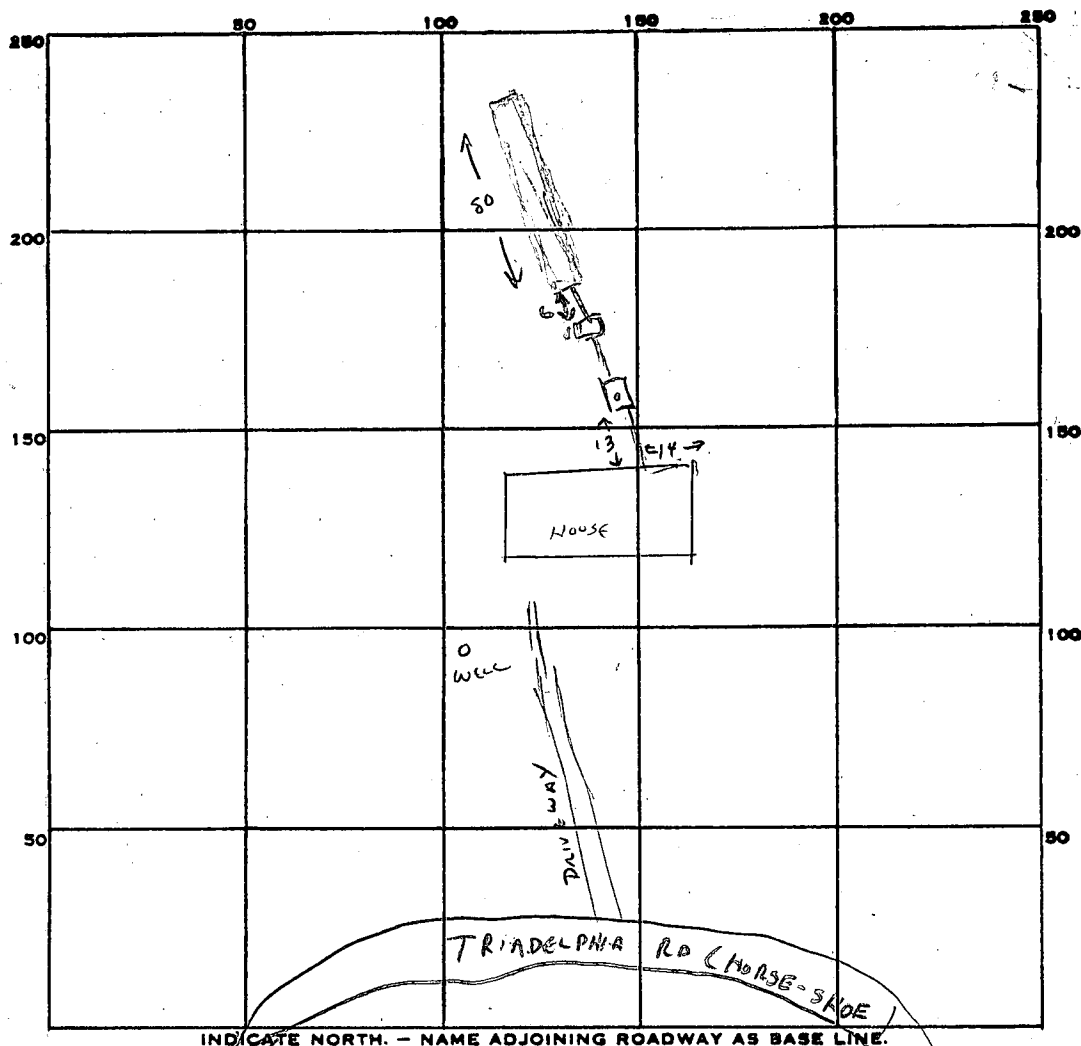
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA, OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED.

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APROVAL ON THIS PERMIT

*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082

A
28951



PERMIT CARD ✓

SEPTIC TANK, LEVEL ✓

CLEANOUTS STU

DISTRIBUTION BOX, LEVEL _____

TILE FIELD, DEPTH 9 FT. TRENCH WIDTH 2 FT.

GRAVEL DEPTH 6 FT IN. TOTAL LENGTH 80 FT.

NUMBER OF TRENCHES 1 ^{ONE SIDEWALL} TOTAL BOTTOM AREA 480

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

ABSORBENT AREA 480 SQ. FT.

REMARKS 7-31-85 - OK TO ADD STONE TO FIRST TRENCH. CW

7-31-85 - OK TO COMB all WORK. CLS

DATE SYSTEM APPROVED 7-31-85

INSPECTOR CW

APPLICATION

4C A 28951

SEWAGE DISPOSAL TESTING

P _____

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE 3rd

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

DISTRICT 10/2/78

P. O. BOX 476, ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 465-5000, EXT. 356

DATE _____

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 Dr. Richard Hemphill Richard Walters
c/o Boender Associates, Inc., Town & Country Prof. Bldg. 465-7777
ADDRESS _____ PHONE _____

PROPERTY LOCATION:

13302 Triadelphia Farms, Section II
SUBDIVISION _____ LOT NO. 4-C
13302 Triadelphia Road
ROAD AND DESCRIPTION _____

SIZE OF LOT 1 acre TYPE BLDG. SFD 3 or 4
NUMBER OF BEDROOMS _____
IF NOT SINGLE RESIDENCE DESCRIBE NA

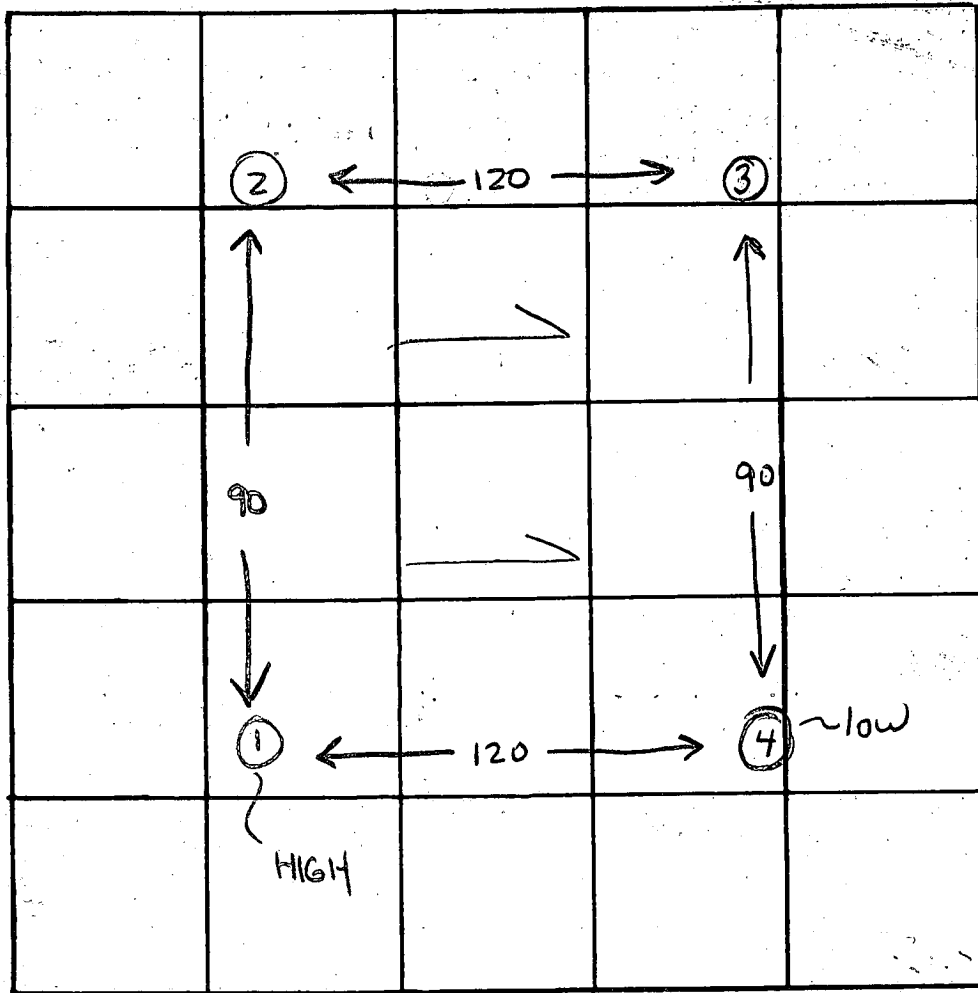
THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE.

SIGNATURE OF APPLICANT Jack Boender
APPROVED BY Raymond Hedges FOR Inspected DATE 3/8/83
(KIND OF SYSTEM)
REJECTED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)
HOLD PENDING FURTHER TESTS _____ DATE _____
REASONS FOR REJECTION OR HOLDING B.P. # 64974

THIS IS NOT A PERMIT

4C

LOT 4C



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

TRIDELPHIA RD

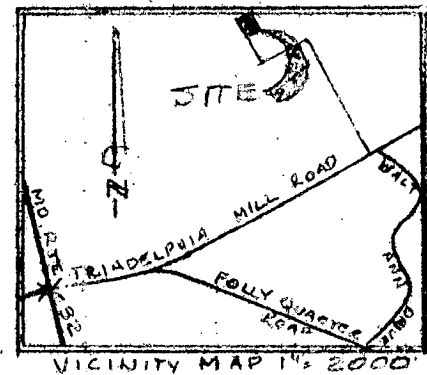
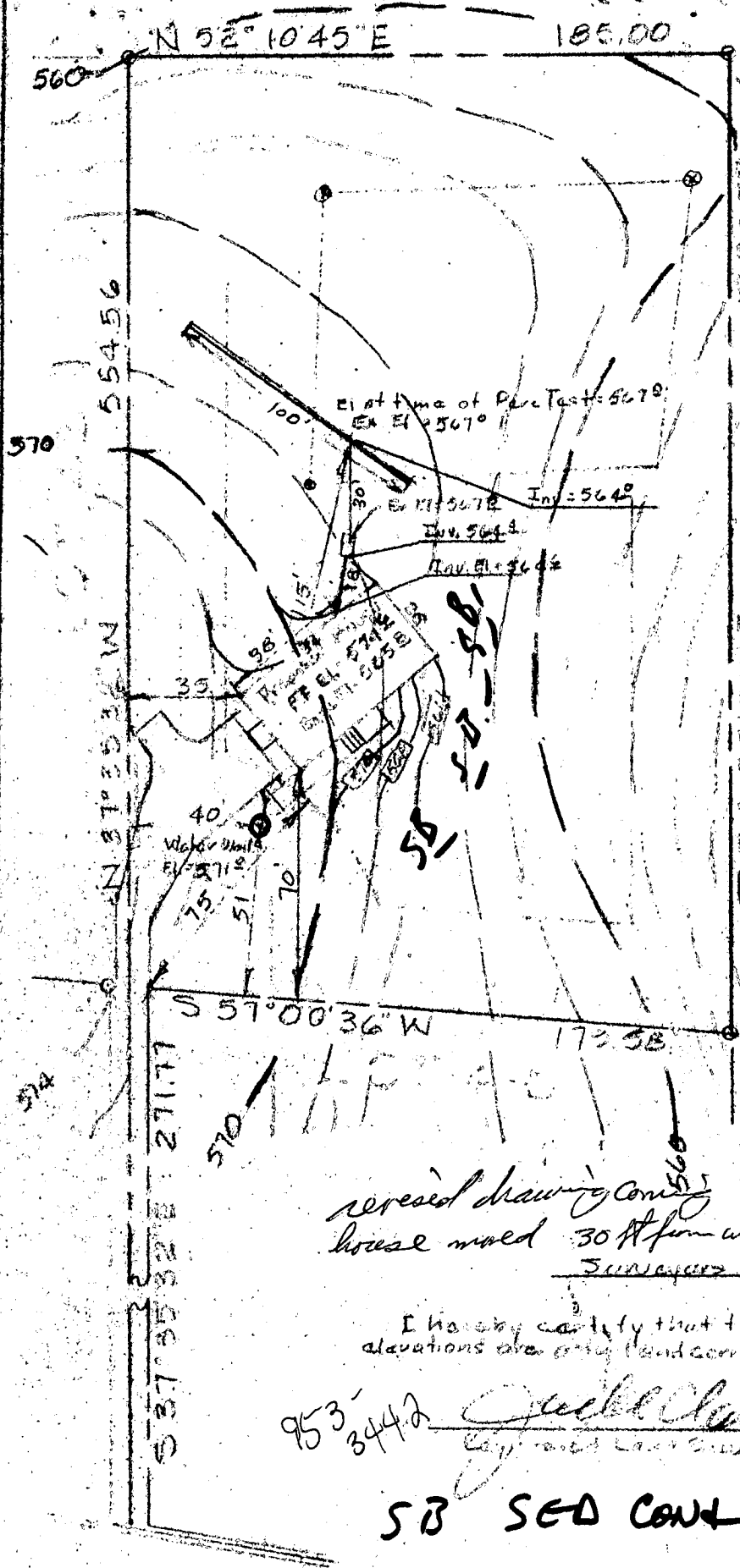
DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
10/3/78	1S	2 1/2	325	329	329	335	6
	1D-HIGH	12	325	328	328	331	3
	2-VISUAL	12	similink	material			
	3S	4	344	345	345	346	1
	3D	12	345	347	347	351	4
	4S	2	332	335	335	339	4
	4D-LOW	12	333	335	335	338	3

REMARKS OPEN FIELD - TESTS BY STAKESTYPE OF SOIL SANDY LOAM - LITTLE OR NO CLAY LAYER64K
+
55

Walters

B.P. #64974

4C Triadelphia Farms



LOT 4-C
TRIADELPHIA FARMS II
3RD ELECTION DIST
HOWARD COUNTY, MD
Scale 1" = 50' April, 1985

- No disposal -

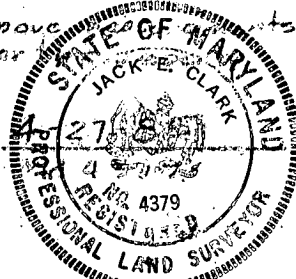
Ex. Grade
Proposed Grade
Associated Volume - Approx. USCGS
Trench Depth - 95'
Trench Width - 100'

revised drawing coming
house moved 30 ft from well, 20 ft. from sewage area.
Surveyors Carl, [unclear]
invest depth into
field etc. [unclear]

I hereby certify that the above
elevations are only land correct for

953-3442
[Signature]
Professional Land Surveyor

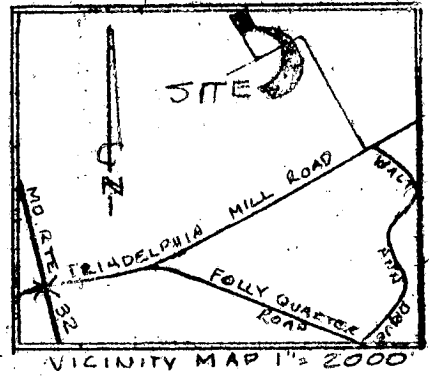
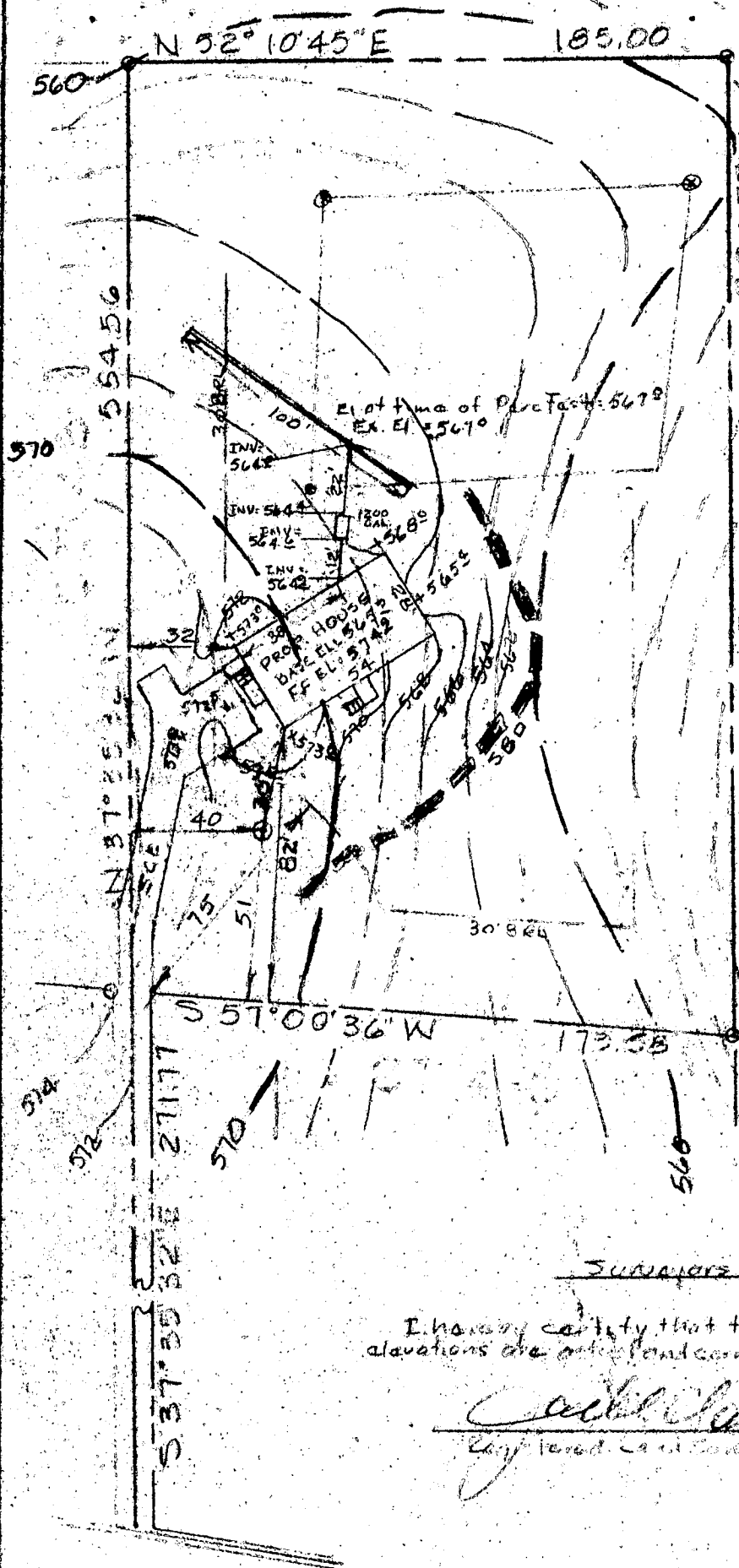
SB SED CONT



B.P. #64974 April 6, 1985
well

Prepared by
The J.E. Clark Co.
Laurel, Md.

64974



LOT 4-C
 TRIADELPHIA FARMS II
 380 ELECTION DIST
 HOWARD COUNTY, MD.
 Scale 1" = 50' April, 1985
 # 64974

Ex. Guide
 Proposed Guide
 Assumed Datum - Average USCGS
 Trench Depth - 95'
 Trench Width - 100'

Surveyors Certificate

I hereby certify that the above bearings, distances, and elevations are correct and true.

Jack E. Clark
 Registered Land Surveyor



Prepared by
 The J.E. Clark Co
 Laurel, Md.

0615

SEQUENCE NO.
(OEP USE ONLY)

5/27/83

STATE OF MARYLAND
PERMIT TO DRILL WELL

OEP PERMIT NUMBER

40-81-0082

(THIS NUMBER IS TO BE PUNCHED
IN COLS. 3-6 ON ALL CARDS)

please print or type

fill in this form completely

Date Received

0 4 1 8 8 3

(OEP Use Only)

OWNER INFORMATION

WALTERS RICHARD

Last Name 15

Owner

34 Name

9100C TUMBLEWEED RUN

36

Street or RFD

55

LAUREL MD 20707

Town 57

State

76 Zip

B 1 Continued

DRILLER INFORMATION

GEORGE F. EASTERDAY 40

Driller's Name

77 License No. 80

L.F. EASTERDAY, INC.

Firm Name

9405 BROAD CHURCH ROAD MT. AIR, MD

Address

George F. Easterday 4/18/83

Signature

Date

B 2 WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 6

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- ☒ HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
- ☐ FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
- ☐ INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)
- ☐ PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)
- ☐ TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

APPROXIMATE DEPTH OF WELL 150 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH

METHOD OF DRILLING (circle one)

BORED (OR AUGERED) JETTED JETTED & DRIVEN

AIR ROTARY AIR PERCUSSION ROTARY (HYDRAULIC ROTARY)

CABLE REVERSE ROTARY DRIVE POINT

other

REPLACEMENT OR DEEPEMED WELLS
(CIRCLE APPROPRIATE BOX)

- ☒ THIS WELL WILL NOT REPLACE AN EXISTING WELL
- ☐ THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
- ☐ THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY

- ☐ THIS WELL WILL DEEPEMED AN EXISTING WELL
- PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41

Not to be filled in by driller (OEP USE ONLY)

APPROP. PERMIT NUMBER GAP

FORCE FS INITIALS IN BOX PERMIT NO. 40-81-0082

B 5 SPECIAL CONDITIONS 8-63

B 3 LOCATION OF WELL

COUNTY HOWARD

SUBDIVISION TRIDELPHIA FARMS

SECTION 2

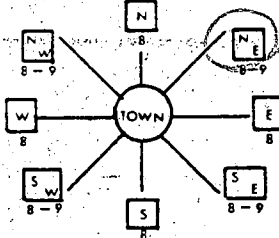
LOT 4-C

NEAREST TOWN GLENELG

MILES FROM TOWN (enter 0 if in town)

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



TRIDELPHIA ROAD

NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

NORTH ☒

WEST ☐

SOUTH ☐

EAST ☐

1,600

DISTANCE FROM ROAD (CIRCLE APPROPRIATE BOX)

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

1. WELL

2.

3.

WRITE THE BOX NUMBER FROM THE MAP HERE

E 800 6

N 520 3

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION

N

GLENELG 2.4 MI

TRIDELPHIA RD

FULLEY QUARTERS

B 4

NOT TO BE FILLED IN BY DRILLER
HEALTH DEPARTMENT APPROVAL

HOWARD

COUNTY NAME

128951

COUNTY NO.

OEP SIGNATURE

STATE HEALTH CIRCLE BOX

DATE ISSUED

05/28/83

CO SIGNATURE

NORTH GRID 523

EAST GRID 0806

EXPIRES 11/02/83

We'll Permit No. HO - 81-0082

Depth of well 300'
Distance of measuring point (M.P.) above ground 2'
Static water level (S.W.L.) below M.P. 28'

1. High rate pumping -- reservoir drawdown

Time pump started 8:00 Pumping rate 8 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]

C1 7734	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 28951
Date Received (OEP use only)	DATE WELL COMPLETED 051483	Depth of Well 300 (TO NEAREST FOOT)	PERMIT NO. FROM PERMIT TO DRILL WELL HQ-81-0082

OWNER last name	Walters	first name	Richard
STREET OR RFD	Triadelphia Road	TOWN	Glenn
SUBDIVISION	Triadelphia Farms	SECTION	2
		LOT	40

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 FROM TO	Check if water bearing
top soil	0 4	
Brown mica	4 28	
gray mica	28 30	
Brown mica	30 38	
gray mica	38 42	
Brown mica	42 48	
gray mica	48 83	
Brown mica	83 84	
gray mica	84 92	
gray mica	92 105	
gray mica	105 109	
gray mica	109 132	
gray mica	132 154	
gray mica	154 155	
gray mica	155 300	

WELL HAS BEEN GROUTED (Circle Appropriate Box)		
YES ☒ NO ☐		
TYPE OF GROUTING MATERIAL		
CEMENT ☒	BENTONITE CLAY ☐	
NO. OF BAGS 9 NO. OF POUNDS 900		
GALLONS OF WATER 50		
DEPTH OF GROUT SEAL (to nearest foot)		
from 48 TOP (enter 0 if from surface) 54 BOTTOM 58 ft.		
Casing types insert appropriate code below		
STEEL ☒ CONCRETE ☐		
PLASTIC ☐ OTHER ☐		
MAIN CASING TYPE		
Nominal diameter top(main) casing (nearest inch)		
Total depth of main casing (nearest foot)		
OTHER CASING (if used)		
diameter (nearest inch)		
depth (feet) from to		
screen type or open hole		
STEEL ☒ BRASS ☐ OPEN HOLE ☐		
PLASTIC ☐ OTHER ☐		

C 3	Seq. no.	
PUMPING TEST		
HOURS PUMPED (nearest hour) 3		
PUMPING RATE (gal. per min. to nearest gal.) 5		
METHOD USED TO MEASURE PUMPING RATE Bucket		
WATER LEVEL (distance from land surface)		
BEFORE PUMPING 28		
WHEN PUMPING 159		
TYPE OF PUMP USED (for test)		
A air	P piston	T turbine
C centrifugal	R rotary	O other (describe below)
J jet	S submersible	

CIRCLE APPROPRIATE BOX	
☒ 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.	

C 2	Seq. no.
DEPTH (nearest ft.)	
55 300	
SLOT SIZE	
DIAMETER OF SCREEN (NEAREST INCH)	
GRAVEL PACK	
IF WELL DRILLED WAS FLOWING WELL CIRCLE BOX ☐	

PUMP INSTALLED	
DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX)	
YES ☒ NO ☐	
IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE	
TYPE OF PUMP (WRITE APPROPRIATE LETTER 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	
(nearest foot)	

DRILLERS IDENT. NO.	40
DRILLERS SIGNATURE	George J. Easterday
(MUST MATCH SIGNATURE ON APPLICATION)	
SITE SUPERVISOR (sign of driller or journeyman responsible for sitework if different from permittee)	

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)	
T	(E.R.O.S.)
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)	
Lot Line	

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 81-0082
Location of property (road) Triadelphia Rd.
Subdivision Triadelphia Farms II Lot 4C Block — Plat — Sec. 2
Well Driller G.F. Easterday Owner Richard Walters

Depth of well 300 ^{364M}
Distance of measuring point (M.P.) above ground 2'
Static water level (S.W.L.) below M.P. 28'6"

1. High rate pumping -- reservoir drawdown

Time pump started 8:00 Pumping rate 8
Total time 9:30 to reach pumping water level 159' ft. below M.P.

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

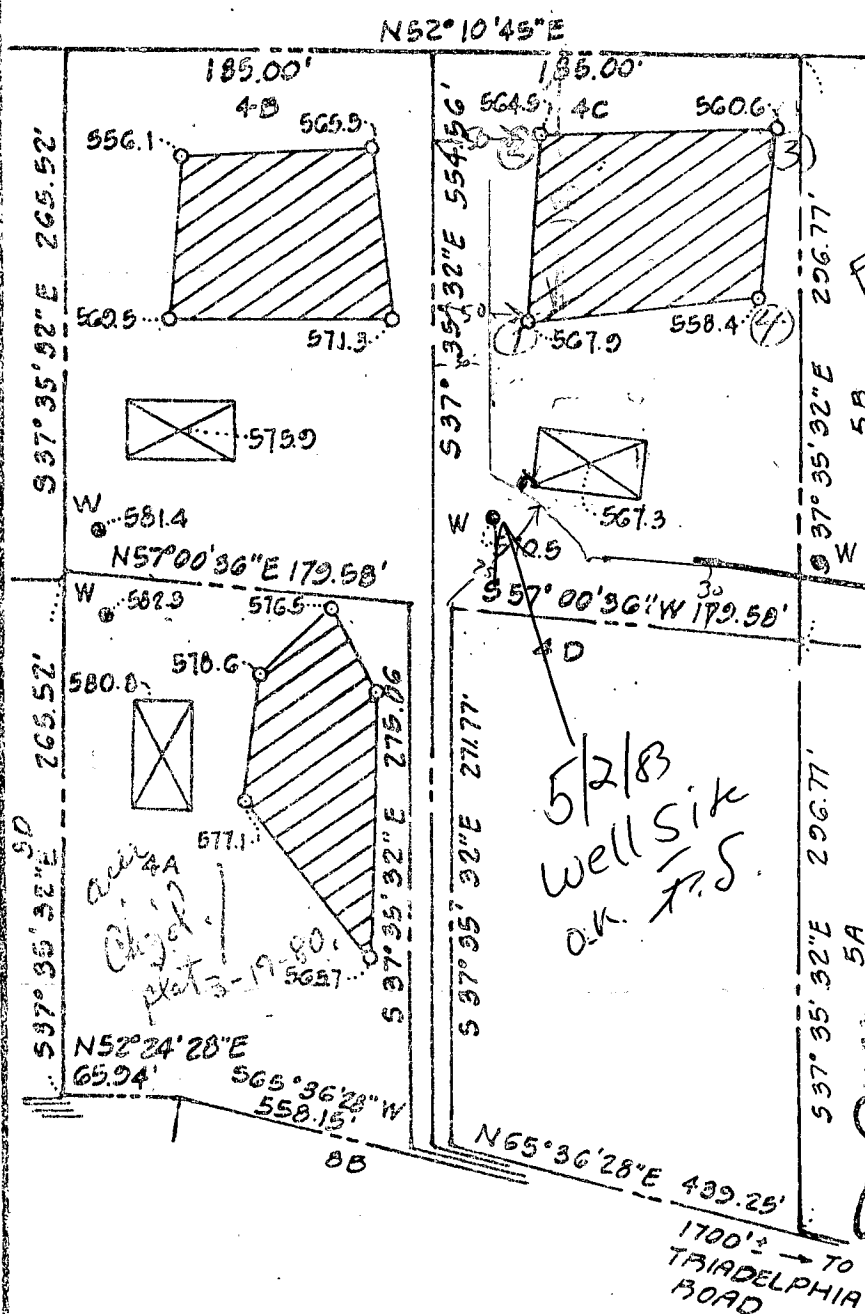
P. 250

[illegible]

NOTES:

1. PERCOLATION TEST HOLES SHOWN HEREON AND INDICATED THUS (o) HAVE BEEN FIELD LOCATED BY TRANSIT STADIA METHOD BASED ON STAKEOUT OF PROPERTY CORNERS BY TRANSIT STADIA METHOD AT THE TIME OF TEST.

2. VERTICAL DATUM IS ASSUMED.



THE LOTS SHOWN HEREON COMPLY WITH THE AMPLIFIED OWNERSHIP RIGHTS AND LOT LINES AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE.

MIN. F.F. ELEV. = 569.0
NO 85MT. SEWER SERVICE

NOTE: PERCOLATION TEST HOLES SHOWN HEREON-(o) HAVE BEEN FIELD LOCATED.

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

John B. Byler 8-20-79



THIS AREA INDICATES A PRIVATE SEWAGE EASEMENT OF APPROXIMATELY 10,000 SQ. FT. AS REQUIRED BY MARYLAND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE FOR DISPOSAL OF WASTEWATER. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE PROHIBITED UNTIL PUBLIC SEWAGE IS AVAILABLE AND SERVICING ANY RESIDENTIAL STRUCTURES CONSTRUCTED ON THESE BUILDING SITES. THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM.

953-9293

MR. RICHARD E. WALTERS, JR.
9100-C Tumbleweed Run
Laurel, MD 20707

Lot 4C

TITLE PERCOLATION TEST PLAT			
PROJECT LOT 4A, LOT 4B, LOT 4C TRIADELPHIA FARMS II			
LOCATION 3RD ELECTION DISTRICT HOWARD COUNTY, MD.			
DATE: JULY, 1979	DESIGN BY: -	DRAWN BY: W.H.N.	CHECKED BY: W.G.H.
SCALE: 1" = 100'	JOB NO.: 77228	DRAWING NO.: 1 OF 1	

boender associates

engineers
surveyors
planners