6/18/80 Filed approved.

6/18/80 a.m. if possible

PERMIT

INDEXED

P 30536 C.B.

A 28955

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH*

HOWARD COUNTY

ELLICOTT CITY

DISTRICT 3rd

DATE 2/22/80

Bob Pradorff

~~Philip G. Wire~~ IS PERMITTED TO INSTALL X ALTER

ADDRESS 5223 Thunderhill Road, Columbia, Md. 21045 PHONE 596-0909

SUBDIVISION Triadelphia Farms II ROAD 13292 Triadelphia Road LOT ~~5~~ 5-D

PROPERTY OWNER Gordon L. Stamm

ADDRESS

SPECIFICATIONS 4 bedrooms

SEPTIC TANK CAPACITY 1250 GALLONS

DRAIN FIELD _____ DEPTH _____ FEET, BOTTOM AREA _____ SQ. FT.

DEEP TRENCH _____ DEPTH _____ FEET, BOTTOM AREA _____ SQ. FT.

SEEPAGE PITS _____ ABSORBENT SIDE-WALL AREA _____ SQ. FT.

INLET PIPE 3 FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH 10 FT. BELOW ORIGINAL GRADE

EFFECTIVE DEPTH AT _____ FT. BELOW ORIGINAL GRADE.

LOCATE DISPOSAL AREA _____ FT. FROM _____ LOT LINE AND _____ FT. FROM _____ LOT LINE AS SEEN WHEN FACING LOT FROM

125 sq. ft. per bedroom for total sidewall area of 500 sq. ft.; with disposal 152 sq. ft. per bedroom for total sidewall area of 608 sq. ft. Locate dry well 170 ft. from front right corner stake and 20 ft. from right side line. Trench to run between point 60 ft. from right and 200 ft. from front stake, same depths. CALL FOR INSPECTION OF DITCH BEFORE GRAVEL IS INSTALLED.

PLANS APPROVED BY Fred Frommelt DATE 2/18/80

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 PLACING GRAVEL IN TRENCH.

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER.

NOTE: ALL PIPE FROM HOUSE TO DISPOSAL AREA MUST BE CAST IRON.

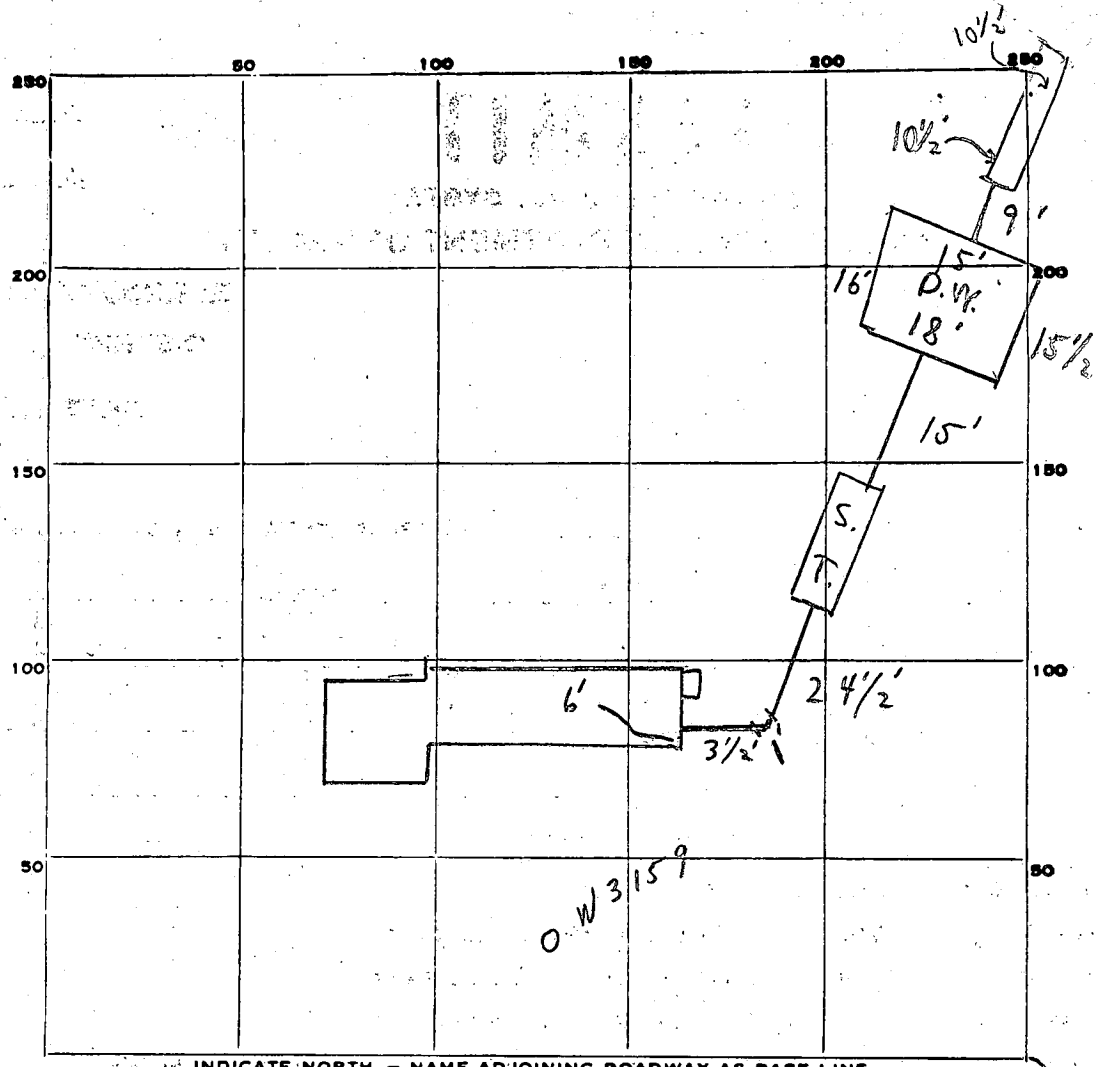
PERMIT VOID AFTER THREE YEARS.

NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA ACCEPTED.

***INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT.**

HD - 23

A 28955



INDICATE NORTH. — NAME ADJOINING ROADWAY AS BASE LINE.

COMMON RD.

PERMIT CARD ✓

SEPTIC TANK, LEVEL ✓ CLEANOUTS S.T. ✓ | D.W. ✓

DISTRICTION BOX, LEVEL

TILE FIELD, DEPTH 10½' FT. TRENCH WIDTH 2 FT.

GRAVEL DEPTH 7+' IN. TOTAL LENGTH 29 FT. 203'

NUMBER OF TRENCHES 1 TOTAL BOTTOM AREA

SEEPAGE PITS, INSIDE DIAMETER 60+ FT. DEPTH BELOW INLET 7 FT. 420'

ABSORBENT AREA 623+ SQ. FT.

REMARKS 6/18/80 TRENCH OK FOR STONE; OK TO COVER FROM HOUSE TO ½ OF DRY WELL CLOSEST TO HOUSE.; TRENCH COMPLETE. C.B.S. C.B.S

DATE SYSTEM APPROVED 6/18/80 INSPECTOR C. B. Streeter

Prel.

APPLICATION

5D A *28955*

P

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: 465-5000, EXT. 356

Septic tank 1250 gal.
@ disposal 1900 gal.

DISTRICT 3rd ~~10/2/78~~

DATE

inlet 3 ft. max, total depth 10 ft. max. below original grade
location 170 ft. from front rt. corner stake and 20 ft. from right side line
125 # per bedroom — @ disposal 152 #/bedroom
total 500 # total 608 #

trench to run ~~from~~ between point 60 ft from right & 200 from front stake, same depths, ditch insp. before gravel installed

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.

BLDG. PERMIT SIGNED AND RETURNED ~~42421~~ *2/20/80*
Serial # 42421

PROPERTY OWNER *Gordon L. Stamm* ~~Dr. Richard Hemphill~~

ADDRESS c/o Boender Associates, Inc., Town & Country Prof. Bldg. PHONE 465-7777

PROPERTY LOCATION:

SUBDIVISION Triadelphia Farms, Section II LOT NO. *5-D*

ROAD AND DESCRIPTION *13292* Triadelphia Road

(Philip Wire involved 596-0909)

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 */s/ Jack Boender*

APPROVED BY ______ FOR ______ (KIND OF SYSTEM) DATE ______

REJECTED BY ______ FOR ______ (KIND OF SYSTEM) DATE ______

HOLD PENDING FURTHER TESTS ______ DATE ______

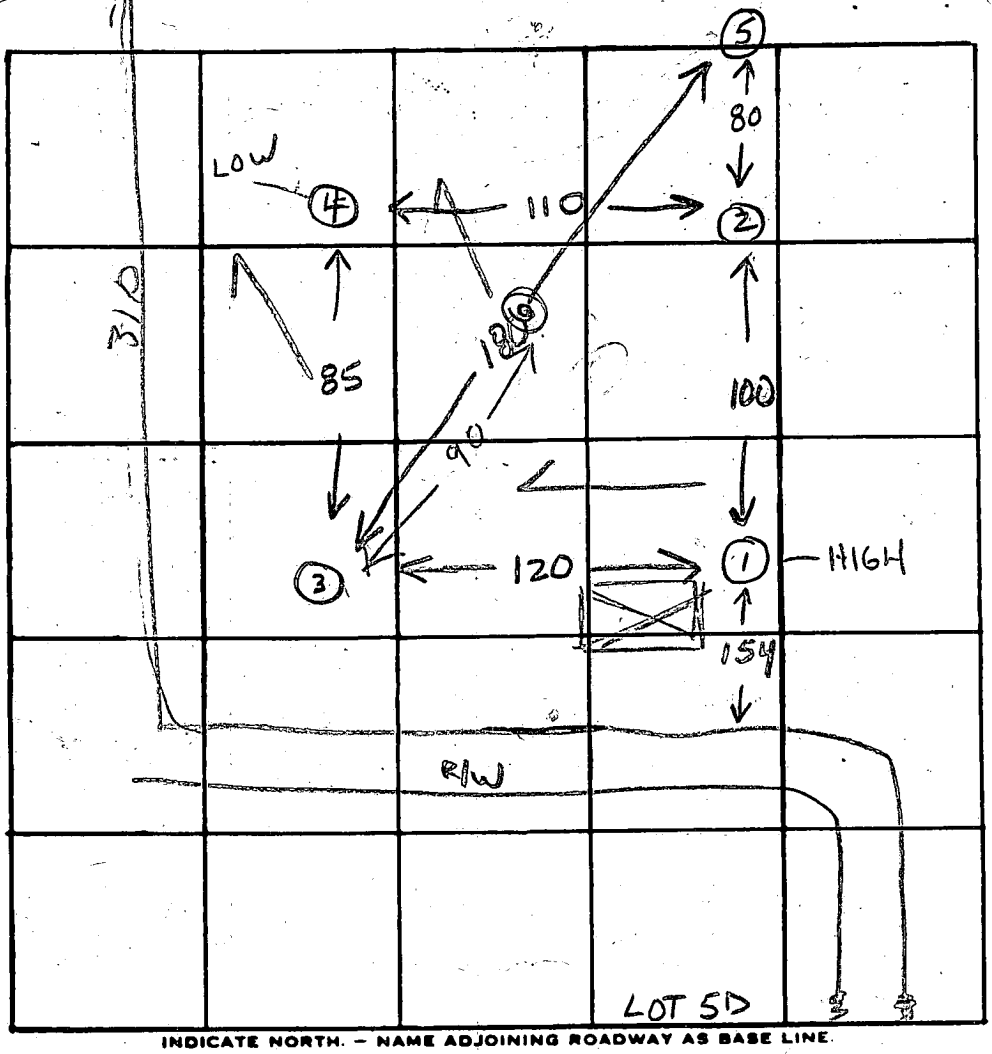
REASONS FOR REJECTION OR HOLDING *12/8/79 - HOLD FOR REVIEW WATER RH*

B.P. Appl. # 42421

THIS IS NOT A PERMIT

5D

5D



INDICATE NORTH. – NAME ADJOINING ROADWAY AS BASE LINE.

TRIDELPHIA RD

4 → 4 = 7-8'
1 → 3 = 5'
3 → 4 = 2'

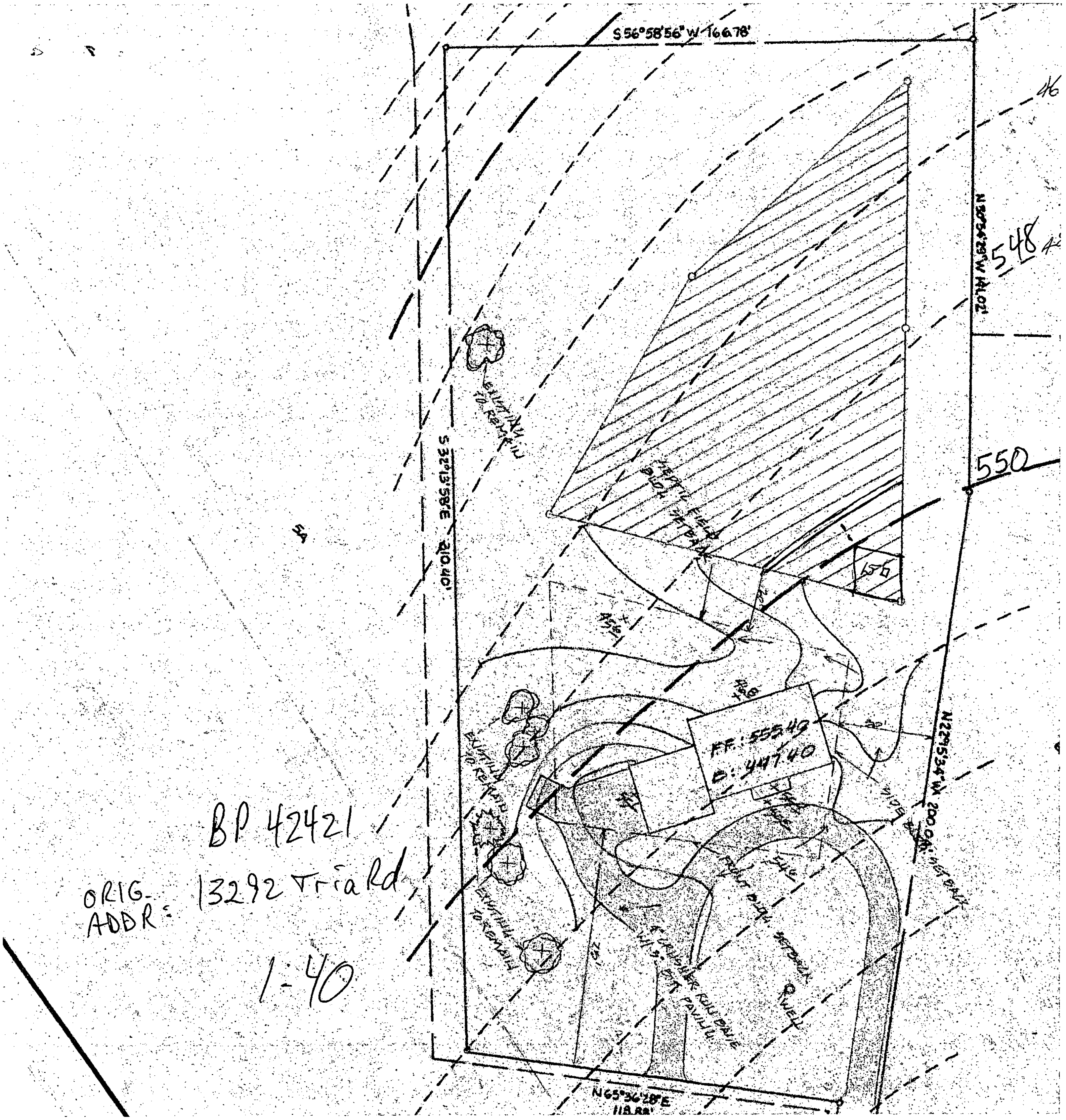
DATE	TEST NO.	DEPTH	PRE-WET START	PRE-WET STOP	TEST - 1" DROP START	TEST - 1" DROP STOP	TIME	
10/6/78	~~4D~~ 4S	12	WATER					
	3S	4'	243	246	246	252	6	
	3D	12'	243	259	259	324	25	- WATER?
	1S	3	310	311	311	313	2	
	1D	12	318	314	314	318	4	
	2-VISUAL	12'	SIMILAR					
	5S	3	331	332	332	333	1	
	5D	12½	335	336	336	338	2	
12/8/78	6V	11½	ALL SAND		DRY			
12/8/78	3ED	14	ALL	SAND	DRY			

REMARKS Sandy loam - below clay NOTE WATER HOLE #4 IS ATLEAST 5FT LOWER THAN ANY OF THE OTHER HOLES

TYPE OF SOIL CHECKED BY SIGHT LEVEL

12/8/78 Test By RH

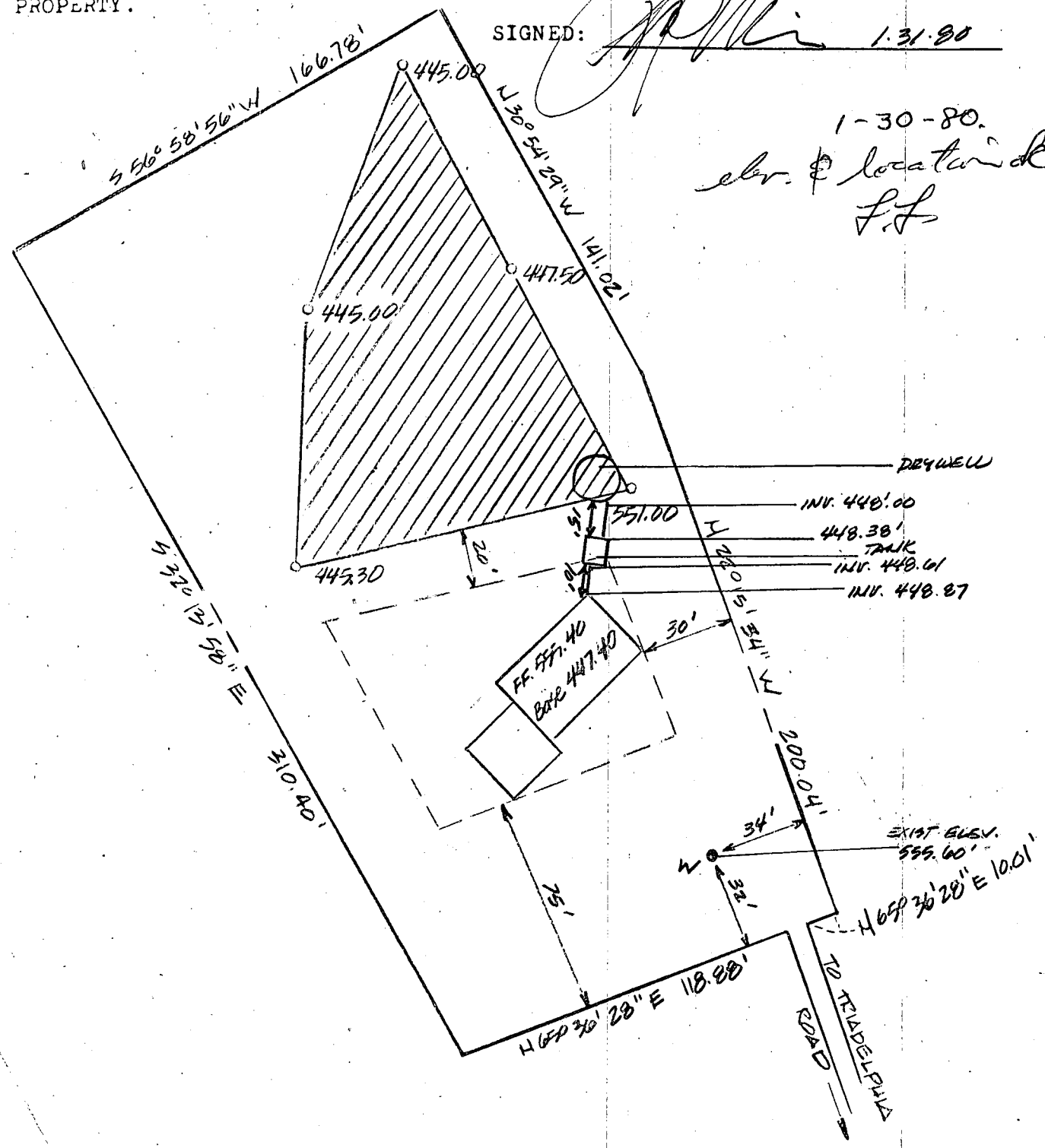
ALSO PRESENT DENNY & DEANNA


S 56°58'56" W 166.78'
N 30°54'23" W 141.02'
S 32°13'58" E 210.40'
N 22°25'34" W 200.00'
N 65°36'28" E
118.88'
548
550
546
556
FF: 555.40
B: 447.40
EXISTING TO REMAIN
BP 42421
ORIG. ADDR: 13292 Tria Rd
1:40

I CERTIFY THE MEASUREMENTS AND ELEVATIONS ARE ACTUAL & CORRECT FOR THIS PROPERTY.

SIGNED: 1.31.80

1-30-80.
elev. & location of F.F.



TRIADELPHIA FARMS II · LOT 5D
SCALE 1" = 50'

site survey

PGW & associates
Philip Gordon Wire & Associates
Planning and Design Consultants
5723 Thunderhill Road
Columbia, Maryland 21045
(301) 788-0880 (301) 997-0708

DNR-131 (7-77) EMERGENCY NO. (If any) –

B	1	5883	SEQUENCE NO. (WRA USE ONLY)

1 2 3 (SEQ. NO.) 6
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-5 ON ALL CARDS)

STATE OF MARYLAND
WATER RESOURCES ADMINISTRATION
TAWES STATE OFFICE BLDG., ANNAPOLIS, MARYLAND 21401

APPLICATION FOR PERMIT TO DRILL WELL

WRA PERMIT NUMBER: HO 73 3159

FILL IN THIS FORM COMPLETELY

DATE RECEIVED (WRA USE ONLY): 3/12/79 9:30 A.M.

OWNER: Stamm Gordon (COL 15 LAST NAME / FIRST NAME COL. 34)

STREET OR RFD: 7314 Cloverdale Dr. (COL 36 – COL. 55)

POST OFFICE: Ogden Hill md. (COL 57 – COL. 76)

8-13

B 1 CONTINUED — DRILLER INFORMATION
1 2 3 (SEQ. NO.) 6

DATE: 2/9/79 LICENSE NUMBER: 40 (77–80)

DRILLER: H. T. Easterday (FIRST NAME / LAST NAME)

SIGNATURE: H. T. Easterday

B 3 — LOCATION OF WELL
1 2 3 (SEQ. NO.) 6

COUNTY: Howard (8 – 21) (DO NOT ABBREVIATE COUNTY NAME)

SUBDIVISION: Triadelphia Farm Lt (23 – 42)

SECTION: 0 (44–46) LOT: 5 (48–50)

NEAREST TOWN: Glenelg (52 – 71)

MILES FROM TOWN (ENTER 0 IF IN TOWN): 2 (73 – 76 77 78) M I

B 2 — WELL INFORMATION
1 2 3 (SEQ. NO.) 6

MAXIMUM PUMPING RATE (GALLONS PER MINUTE): 5 (8–12)

AVERAGE DAILY QUANTITY NEEDED (GALLONS PER DAY): 500 (14–20)

USE FOR WATER (CIRCLE APPROPRIATE BOX)
22
- (D) HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY) — circled
- F FARMING, AGRICULTURE, IRRIGATION
- I INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOVERNMENT.
- M MUNICIPAL WATER SUPPLY } MUST HAVE STATE HEALTH DEPT. APPROVAL
- P PRIVATE WATER COMPANY }
- T TEST

B 4 — DIRECTION FROM TOWN (CIRCLE APPROPRIATE BOX)
1 2 3 (SEQ. NO.) 6

N NORTH, (E) EAST (circled), N E NORTHEAST, S E SOUTHEAST, S SOUTH, W WEST, N W NORTHWEST, S W SOUTHWEST

NEAR WHAT ROAD: Triadelphia Rd. (11 – 30)

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX): N NORTH, S SOUTH, E EAST, (W) WEST (circled) (32)

DISTANCE FROM ROAD (ENTER DISTANCE AND CIRCLE APPROPRIATE BOX): 400 (34–37) F T / M I (38 39)

APPROXIMATE DEPTH OF WELL: 150 FEET (24–28)

APPROXIMATE DIAMETER OF WELL: 6 (NEAREST INCH)

METHOD OF DRILLING USED (CIRCLE APPROPRIATE METHOD)
30-37

BORED (OR AUGERED)	JETTED	DRIVEN
AIR-ROTARY (circled)	AIR-PERCUSSION	ROTARY (HYDRAULIC ROTARY)
CABLE	REVERSE-ROTARY	DRIVE-POINT

OTHER (DESCRIBE) ____

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS, ROADS AND STREAMS WITH NORTH IN THE DIRECTION OF THE ARROW, AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION OR STREAM CROSSING SHOWN ON THE SKETCH. ALSO SHOW, BY MEANS OF AN "X", THE WELL LOCATION IN THE BOX BELOW AND THE BOX NUMBER FROM THE WELL LOCATION MAP.

N

60' - CASING
2' - ABOVE GR.
23' - OPEN HOLE
45' - JET
12 - BAGS CEMENT

well, Triadelphia, Glenelg, Folly Quarter Rd.

JS 3/13/79

REPLACEMENT OR DEEPENED WELLS (CIRCLE APPROPRIATE BOX)
39
- (N) THIS WELL WILL NOT REPLACE AN EXISTING WELL — circled
- Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
- S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY
- D THIS WELL WILL DEEPEN AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPENED (IF AVAILABLE) (41 – 52)

NOT TO BE FILLED IN BY DRILLER (WRA USE ONLY)
APPROPRIATION PERMIT NUMBER G A P (54 – 63) ENGINEER REVIEW DISTRICT NO. (65)

FORCE (67 68) WRITE INITIALS IN BOX

CONDITIONS A E N S G W Q C L U (70 71 72 73 74 75 76 77 78 79)

BOX NUMBER: E 800, N 520

0/5 5/5 0/0 5/0

B 4 CONTINUED — HEALTH DEPARTMENT APPROVAL
1 2 3 (SEQ. NO.) 6

41 (S) STATE HEALTH (CIRCLE BOX)

COUNTY NAME: Howard COUNTY NO.: W29507

DATE (MO. DAY YR.): 0 2 1 3 7 9 (43–48)

APPROVED BY: F. Frommelt — Fred Frommolt, Sanitarian

NORTH COORDINATE (50 51 52 53 54 55)

EAST COORDINATE (57 58 59 60 61 62 63)

ELEVATION AT WELL HEAD (FEET) (65 66 67 68)

B 5 — 1 2 3 (SEQ. NO.) 6 — SPECIAL CONDITIONS 8-63 (WRA USE ONLY)

8 63

A 28955

HEALTH

DNR-214 (7-77)

C 1 5078 — SEQUENCE NO. (WRA USE ONLY) — (SEQ. NO.) — (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND
WATER RESOURCES ADMINISTRATION
TAWES STATE OFFICE BLDG., ANNAPOLIS, MD. 21401
WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WI IN 30 DAYS AFTER WELL COMPLET

FILL IN THIS FORM COMPLETELY

COUNTY NUMBER

DATE RECEIVED (WRA USE ONLY) — 8-13

DATE WELL COMPLETED: 3/13/79 (15–20)

DEPTH OF WELL: 220 (TO NEAREST FOOT) (22–26)

PERMIT NO. FROM "PERMIT TO DRILL WELL": HC-[illegible] (28–37)

DRILLERS IDENTIFICATION NO.: 40

OWNER: STAMM, GORDON (LAST NAME, FIRST NAME)

STREET OR RFD: 7314 CLOVERDALE DRIVE — POST OFFICE: ELLICOTT CITY, MD

WELL DESCRIPTION

WELL LOG

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

DESCRIPTION (USE ADDITIONAL SHEETS IF NECESSARY)	FEET FROM	FEET TO	CHECK IF WATER BEARING
Top Soil	0	3	
Shaley	3	30	
Sandy	30	50	
Sand/Stone	50	65	
Mica	65	75	
Sand Stone	75	80	L
Mica	80	220	L

GROUTING RECORD

WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX): YES (Y) NO (N) (44)

TYPE OF GROUTING MATERIAL (CIRCLE BOX): CEMENT (C M) (45–46) BENTONITE CLAY (B C) (45–46)

NO. OF BAGS: 12 NO. OF POUNDS: 1200

GALLONS OF WATER: 60

DEPTH OF GROUT SEAL (TO NEAREST FOOT)

FROM: 0 (48–52) FT. TO: 45 (54–58) FT.

(ENTER 0 IF FROM SURFACE)

CASING RECORD

CASING TYPES (INSERT APPROPRIATE CODE BELOW): STEEL (S T); CONCRETE (C O); PLASTIC (P L); OTHER (O T)

MAIN CASING TYPE	NOMINAL DIAMETER TOP (MAIN) CASING (NEAREST INCH)	TOTAL DEPTH OF MAIN CASING (NEAREST FOOT)
S T (60–61)	6 (63–64)	62 (66–70)

OTHER CASING (IF USED)

EACH CASING

	DIAMETER (INCH)	DEPTH (FEET) FROM	TO

SCREEN RECORD

SCREEN TYPE OR OPEN HOLE (INSERT APPROPRIATE CODE BELOW): STEEL (S T); BRASS OR BRONZE (B R); OPEN HOLE (H O); PLASTIC (P L); OTHER (O T)

C 2 (1–6 SEQ. NO.)

DEPTH (NEAREST WHOLE FOOT)

EACH SCREEN

		FROM	TO
1	H O (8–9)	60 (11–15)	220 (17–21)
2	(23–24)	(26–30)	(32–36)
3	(38–39)	(41–45)	(47–51)

SLOT SIZE 1. ____ 2. ____ 3. ____

DIAMETER OF SCREEN ____ (56–60) (NEAREST INCH)

GRAVEL PACK: FROM ____ TO ____

IF WELL DRILLED WAS A FLOWING WELL CIRCLE BOX (68): F

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

T (70) TELESCOPE CASING; (E.R.O.S.) (72) LOG INDICATOR; W Q (74 75 76) OTHER DATA AVAILABLE

C 3 (1–6 SEQ. NO.)

PUMPING TEST

HOURS PUMPED (TO NEAREST HOUR): 3 (8–9)

PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON): 8 (11–15)

METHOD USED TO MEASURE PUMPING RATE: Bucket

WATER LEVEL: (DISTANCE FROM LAND SURFACE)

BEFORE PUMPING: 50 (17–20) (NEAREST FOOT)

WHEN PUMPING: 90 (22–25) (NEAREST FOOT)

TYPE OF PUMP USED (CIRCLE APPROPRIATE BOX) (FOR PUMPING TEST)

A AIR (27); P PISTON (27); T TURBINE (27); C CENTRIFUGAL (27); R ROTARY (27); O OTHER (DESCRIBE BELOW) (27); J JET (27); S SUBMERSIBLE (27)

PUMP INSTALLED

TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX – SEE ABOVE: A, C, J, P, R, S, T, O) (29)

DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX): YES (Y) NO (N)

CAPACITY:

GALLONS PER MINUTE (TO NEAREST GALLON) (31–35)

PUMP HORSE POWER (37–41)

PUMP COLUMN LENGTH (NEAREST FOOT) (43–47)

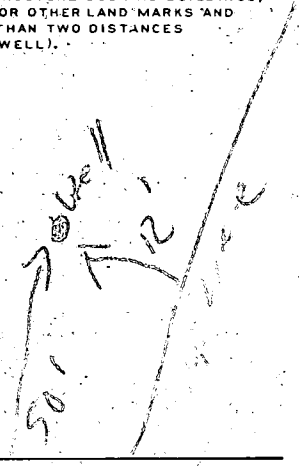
CASING HEIGHT (CIRCLE APPROPRIATE BOX AND ENTER CASING HEIGHT)

(+) ABOVE / (–) BELOW LAND SURFACE (NEAREST FOOT) (49–51)

LOCATION OF WELL ON LOT

N

SHOW PERMANENT STRUCTURE SUCH AS BUILDINGS, SEPTIC TANKS, AND/OR OTHER LAND MARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL).



CIRCLE APPROPRIATE BOXES

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 I HAVE COMPLIED WITH ALL CONDITIONS STATED ON THE ABOVE-CAPTIONED "PERMIT TO DRILL WELL", AND THAT INFORMATION CONTAINED IN THIS REPORT IS TRUE, ACCURATE, AND COMPLETE TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF.

DRILLERS NAME

(PLEASE PRINT) George F Easterday

SIGNATURE George F Easterday

HEALTH

Road