

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

BUREAU OF ENVIRONMENTAL HEALTH
992-2330

INDEX

ELLICOTT CITY

DISTRICT 3rd.

DATE 5/03/83

Donald Parlette

IS PERMITTED TO INSTALL ☒ ALTER

ADDRESS 6575 Route 32, Clarksville, Maryland 21029 PHONE 286-2140

SUBDIVISION Triadelphia Farms II ROAD 13362 Triadelphia Rd LOT 13 A

PROPERTY OWNER John B. Bertling *BURZA + Sharon Chamberlain*
6805 Maiden Lane

ADDRESS Clarksville, Maryland 21029

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

GARBAGE GRINDER? YES ☐ NO ☒ 162 sq. ft./bedroom

SEPTIC TANK CAPACITY 1500 GALLONS NUMBER OF BEDROOMS 4

TRENCHES - Trench to be 2 feet wide, Inlet 2 feet below original grade. Bottom maximum depth 9 feet below original grade. Effective area begins at 2 feet below original grade. 7 feet of stone below distribution pipe. Trench to be 93 feet long. NOTE: If more than one trench used, a distribution box is required. Trenches to be installed on level ground. LOCATION: Locate drywell 195 feet from rear lot line and 15 feet from left side line as seen when facing the lot from Triadelphia Road. LOCATE TRENCH 190 feet from the rear lot line parallel to the rear lot line. Run trench on level ground.

EDG. PERMIT SIGNED

AND RETURNED 3/23/95

Serial # 58544

Entire Situation

PLANS APPROVED BY Frank Skinner

DATE 4/21/83

COVER NO WORK UNTIL INSPECTED AND APPROVED.

THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM.

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

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

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

REPLACE EVERY THREE YEARS.

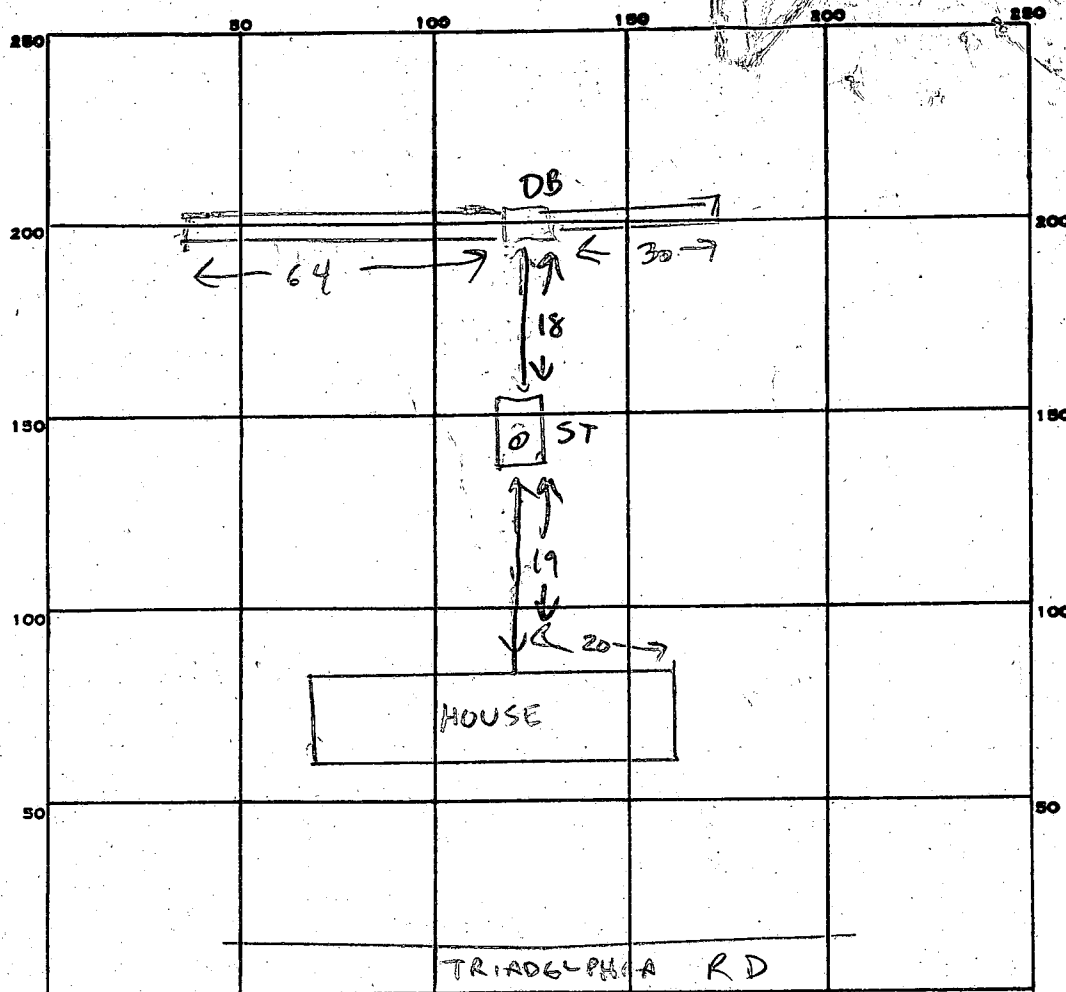
STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA, OR

ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED.

OWNER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

PERMIT CARD ☒

SEPTIC TANK, LEVEL ☒

CLEANOUTS ST ☒

DISTRIBUTION BOX, LEVEL ☒

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

GRAVEL DEPTH 7 ^{FT} IN. TOTAL LENGTH 94 FT.

NUMBER OF TRENCHES 1 ^{ONE SIDEWALL} TOTAL BOTTOM AREA 651

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

ABSORBENT AREA 651 SQ. FT.

REMARKS ST IN PLACE, TRENCHES OK, 7-25-83 C Williams

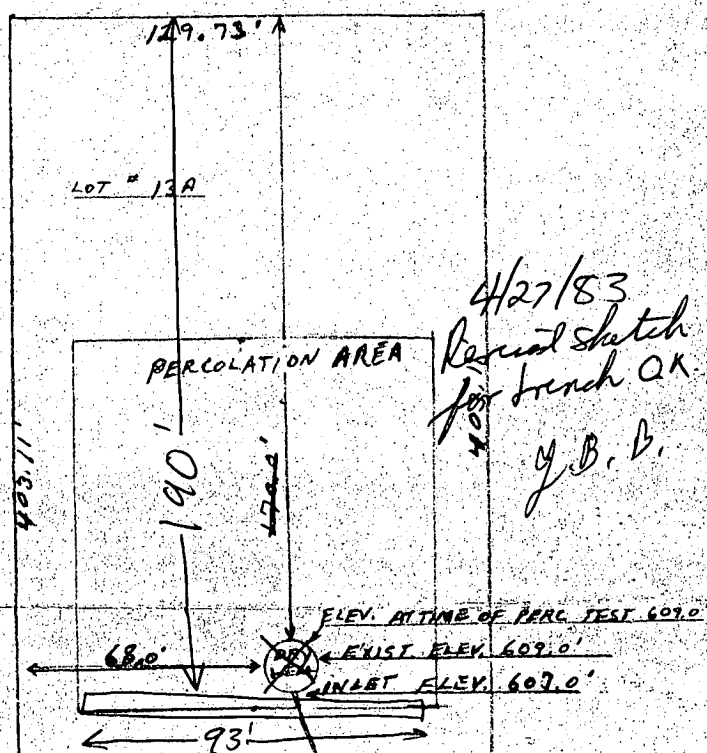
DATE SYSTEM APPROVED

7-25-83

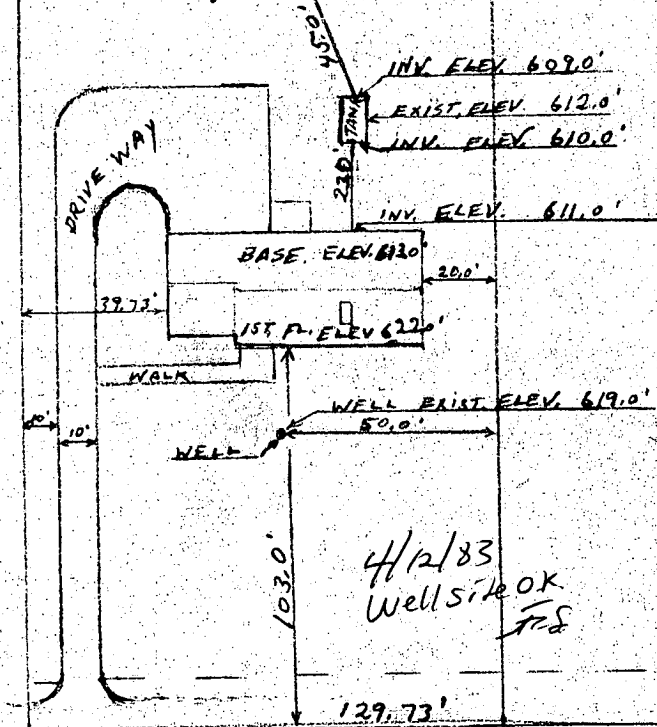
INSPECTOR

C Williams

5" ALUM. O.C. GUTTER
1/2" ALUM. FASCIA
ALUM. SOFFIT



4/27/83
Revised sketch
for trench OK
Y.B.B.

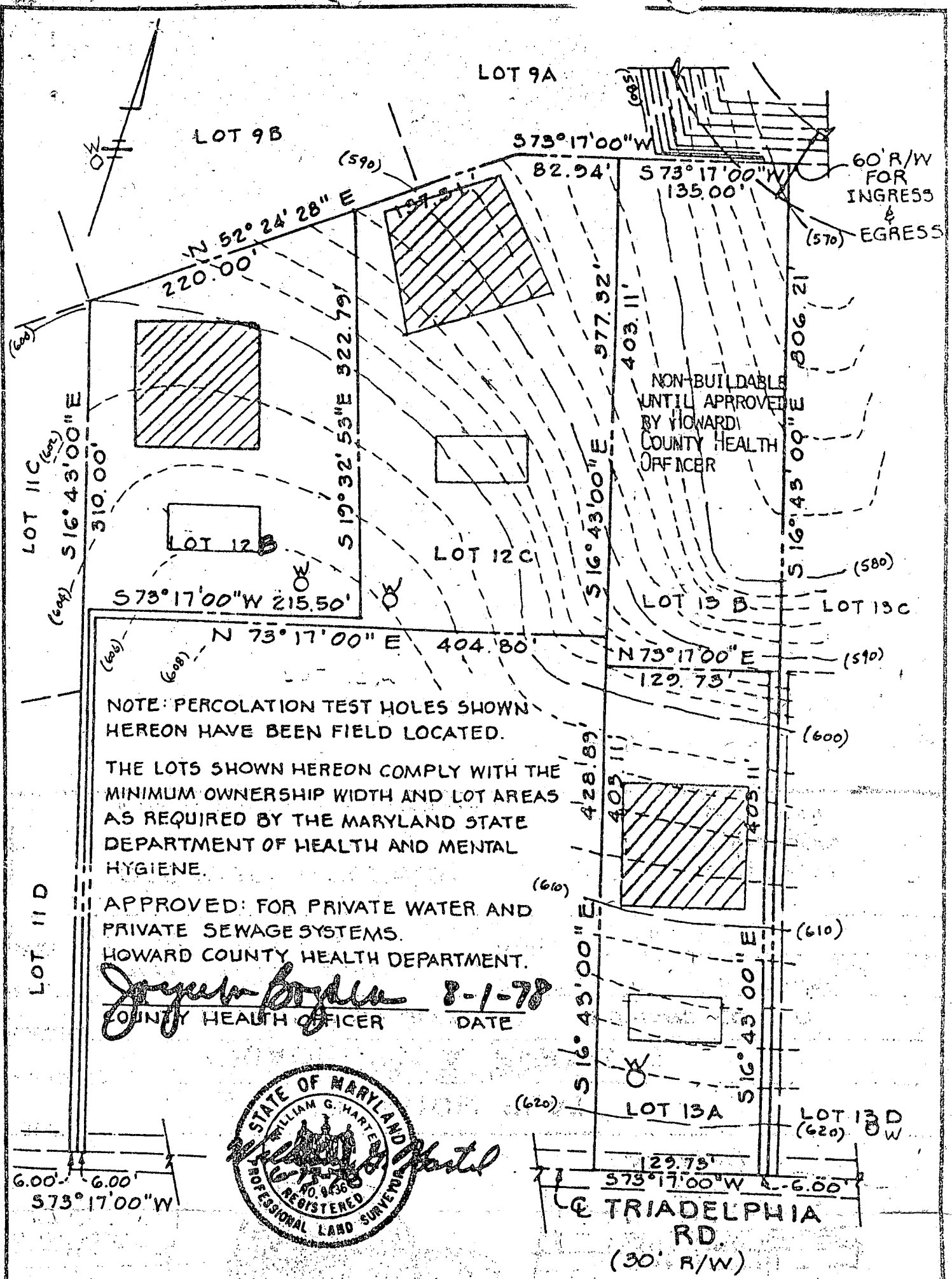


4/12/83
Well site OK
J.B.B.

TRIADELPHIA RD. 30' R.W.

PLAT. SCALE 1" = 40'

JOHN B. BERTLING I
6805 MAIDEN LANE
CLARKSVILLE, MD. 21029
PHONE 531-6630
LOT # 13A
TRIADELPHIA FARMS II



TITLE PERCOLATION PLAT			
PROJECT LOTS 12B - 12C - 13A TRIADDELPHIA FARMS II			
LOCATION 3RD ELECTION DISTRICT		HOWARD CO., MD.	
DATE: 7/19/77	DESIGN BY: W.H.N.	DRAWN BY: W.H.N.	CHECKED BY: D.R.
SCALE: 1" = 100'	JOB NO.: 77102	DRAWING NO.: 1 OF 1	
boender associates		engineers surveyors planners	
BALTIMORE 301-465-7777 • SALISBURY 301-740-1285			

SUBDIVISION: Triadelphia Farms IILOT NUMBER: 13ADRY WELL OR DRY WELL AND TRENCH130 sq. ft./bedroomSeptic TankMinimum Total Square Feet

3 bedroom 1000 gallon

→ 4 bedroom 1250 gallon

5 bedroom 1500 gallon

520 #Inlet 2 feet below original grade.Bottom maximum depth 9 feet below original grade.Effective area begins at 2 feet below original grade.NOTE: If trench is used to make up absorbent area, run the trench on level ground and leave a 5 foot earth buffer between dry well and trench.No trench is to exceed 100 feet in length. Trench inlet to be same as dry well, with 7 feet of stone below distribution pipe.or 15X15' drywell and 15 ft. long trench off drywellTRENCHES162 sq. ft./bedroomTrench to be 2 wide.Inlet 2 feet below original grade.Bottom maximum depth 9 feet below original grade.Effective area begins at 2 feet below original grade.7 feet of stone below distribution pipe.for 4 Bedroom home
93' long trench
if trench only
with no garbage grinder.

- NOTE:
- (1) No trench to exceed 100 feet in length.
 - (2) ✓ If more than one trench used, a distribution box is required.
 - (3) ✓ Trenches to be installed on level ground.
 - (4) Call for inspection of trench before gravel is installed.
 - (5) Provide 6"-8" diameter cleanout and cap to grade or above on septic tank and drywell.
 - (6) If a Garbage disposal is used, increase septic tank capacity by 50% and increase absorbant sidewall area by 22%.

LOCATION: Locate drywell 195 feet from rear lot line and 15 feet from left side line as seen when facing the lot from Triadelphia Road.

Locate trench 190 ft from the rear lot line parallel to the rear lot line. Run trench on level ground

APPLICATION

13A

A 27888

SEWAGE DISPOSAL TESTING

P. _____

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICESP. O. BOX 476, ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 463-3000, EXT. 356DISTRICT 3rdDATE 4/17/78TO: 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 Robert Dorsey John B. BertlingADDRESS 9926 Cypressmeade Drive, Ellicott City, Md. 6805 Maiden Lane PHONE 465-5739

PROPERTY LOCATION:

SUBDIVISION Triadelphia Farms, Section II LOT NO. 2-B 13A
TEST 2B 28 13 BROAD AND DESCRIPTION Triadelphia Road at Walt-Ann Drive13362 Triadelphia RoadSIZE OF LOT ? TYPE BLDG. 3 or 4
NUMBER OF BEDROOMS

IF NOT SINGLE RESIDENCE DESCRIBE _____

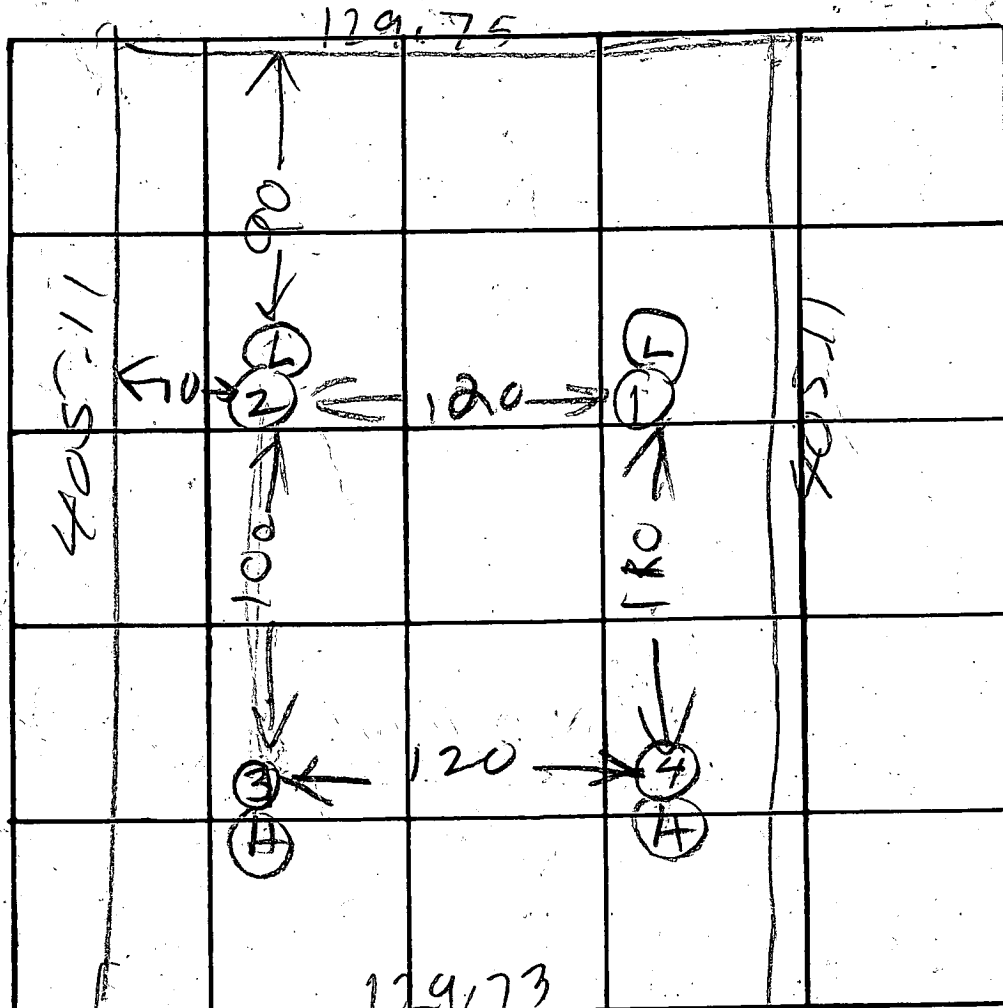
THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE.

SIGNATURE OF APPLICANT /s/ Robert L. DorseyAPPROVED BY ✓ FOR _____ DATE _____
(KIND OF SYSTEM)REJECTED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 5/11/78 PERC OK HOLD FOR PLAT R12BLDG. PERMIT SIGNED
AND RETURNED 4/27/78Serial # 53408 SF10

THIS IS NOT A PERMIT



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

TRIDELPHIA RD

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5/1/78	17	12 1/2	249	253	253	258	6
5/1/78	15	3 1/2	249	250	250	251	1
	25	3	255	256	256	258	2
	27	13	258	303	303	309	6
5/1/78	3V	11 1/2	ALL	WET			
	4S	3	305	306	306	307	
5/1/78	4D	13	305	308	308	311	3

REMARKS

TYPE OF SOIL

2 FROCK
D BUSH

60' R/W FOR
INGRESS &
EGRESS

573°17'00"W
135.73'

231.26'

LOT 14D

NON-BUILDABLE UNTIL
APPROVED BY HOWARD
COUNTY HEALTH
OFFICER

NON-BUILDABLE UNTIL
APPROVED BY HOWARD
COUNTY HEALTH OFFICER

LOT 13B

316°43'00"E 806.21'

N 73°17'00"E

250.39'

LOT 14C

NON-BUILDABLE UNTIL
APPROVED BY HOWARD
COUNTY HEALTH OFFICER

LOT 13C

573°17'00"W

129.73'

LOT 13D

N 73°17'00"E 265.10'

LOT 13A

LOT 13B

NON-BUILDABLE UNTIL
APPROVED BY HOWARD COUNTY
HEALTH OFFICER

BY OWNERS: MUSGROVE

*Omit 13B
14D 14C 14B
These lots not tested*



TRIADDELPHIA ROAD
(30' R/W)

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

COUNTY HEALTH OFFICER

DATE

NOTE: PERCOLATION TEST HOLES SHOWN
HEREON HAVE BEEN FIELD LOCATED.

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.

TITLE

PERCOLATION PLAT

PROJECT

LOTS 13C - 13D & 14C - 14D

TRIADDELPHIA FARMS II

LOCATION

3 RD ELECTION DISTRICT

HOWARD CO., MD.

DATE:

7/19/77

DESIGN BY:

W.H.N.

DRAWN BY:

W.H.N.

CHECKED BY:

D.R.

SCALE:

1" = 100'

JOB NO.:

77102

DRAWING NO.:

1 OF 1

boender associates

engineers
surveyors
planners

BA

NOTED

1-17-83. (means need plot tome - F.F.)

13 D

Not Signed

A

LOT 13 B

N-73°17'00"E-129.73'

LOT 13 B

S-16°43'00"E-403.11'

Lot 13-A
1.20 Acres

2 STORY BRICK
& FRAME
DWELLING

CONC PATIO
WOOD STAIRS
CONC. DRIVE
GRAVEL DRIVE
Porch
5' Gravel Drive

Alc Pad

30' R/W

107.7'

S-73°17'00"W-129.73'

TRIAD DELPHIA ROAD

E OF RD

N-16°43'00"W-403.11'

LOT 12 A

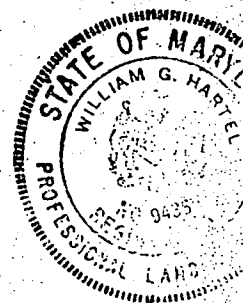
Iron Pipe Fd.

NOTE: The information on this Plat shows only that the improvements indicated hereon are contained within the exterior of the lot upon which they are located and this Plat is not to be construed as an establishment of property lines.

THIS IS TO CERTIFY THAT WE HAVE MADE A LOCATION SURVEY OF THE IMPROVEMENTS AND THAT THEY ARE LOCATED ON THE LOT AS SHOWN HEREON.

William G. Hartel
ASSOCIATE

REG. NO. 9436 DAT 4-16-84



FINAL CERTIFICATION

13-A - TRIAD DELPHIA FARMS II

ELECTION DIST. HOWARD CO. MD.

JOB NO. 8386

DATE: 4-16-84

SCALE: 1" = 50'

DRAWN BY: BH

boender associates

SUITE 102-107 TOWN & COUNTRY PROFESSIONAL BUILDING
ELLCOTT CITY, MARYLAND 21043
301-465-7777

eng
sur
plo

STATE OF MARYLAND
DEPARTMENT OF HEALTH AND MENTAL HYGIENE
LABORATORIES ADMINISTRATION
REPORT OF WATER ANALYSIS

Bottle Number: H 9246 Name: John B. Bentley County: Howard
Source of Sample: Tranquil Farm LE 13A Collector: JS
Street Town or City
Sample Type (Circle): Community Source Non-Community Distribution Private MCL Emergency Recheck Routine
Remarks: H081-0054

13 County 042583 Date Collected 1030A Time Acid Iced
Plant No. Sampling Station
Field Data: pH* Chlorine Residual Free Total Specific Conductance

✓	ANALYSIS	CODE	RESULTS	✓	ANALYSIS	CODE	RESULTS
	pH*	011			Arsenic	253	
	Alkalinity (Total)	040			Barium	262	
	Alkalinity (HCO ₃)	050			Cadmium	273	
	Alkalinity (CO ₃)	060			Chromium	283	
	pH*, Ca CO ₃ SAT.	071			Lead	302	
	Alkalinity, Ca CO ₃ SAT	080			Mercury	314	
	Hardness	110			Selenium	323	
	Ammonia-N	143			Silver	333	
✓	Nitrate-Nitrite N	162	10.5		Aluminum	192	
	Nitrite N	173			Calcium	231	
	MBAS	182			Copper	241	
	Chloride	091			Iron	122	
	Fluoride	101			Magnesium	241	
	Color*	020			Manganese	133	
	Turbidity*	031			Nickel	391	
	Conductance*, SPEC.	201			Potassium	361	
	Silica	210			Sodium	371	
	Sulfate	220			Zinc	342	
	Total Residue	381					

* Results reported in units, all others in milligrams per liter (ppm)

Date Received APR 6 1983 Date Reported APR 26 1983 Chemist M Lab No. 13433
DHMH 90-A 10/82

Well Permit No. HO - 81-0054
Location of property (road) Philadelphia Rd.
Subdivision Philadelphia Tract II Lot 13 Block A Plat _____ Sec. _____
Well Driller Joseph Magno Owner John Blotney

Depth of well 205
Distance of measuring point (M.P.) above ground 18'
Static water level (S.W.L.) below M.P. 25

1. High rate pumping -- reservoir drawdown

Time pump started 8:50 Pumping rate 9
Total time 9:50 to reach pumping water level 93 ft. below M.P.

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

[illegible]

Date Received*
(OEP use only)

DATE WELL COMPLETED
4 23 83

Depth of Well
205
(TO NEAREST FOOT)

PERMIT NO.
FROM "PERMIT TO DRILL WELL"
40-81-0054

OWNER Bertling John B.
last name first name

STREET OR RFD Triadelphia Road TOWN Glenelg

SUBDIVISION Triadelphia Farms II SECTION LOT 13A

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	
SAND	0	86
Gray mica rock	86	205 ✓

WELL HAS BEEN GROUTED (Circle Appropriate Box) YES ☒ NO ☐

TYPE OF GROUTING MATERIAL
CEMENT ☒ BENTONITE CLAY ☐

NO. OF BAGS 15 NO. OF POUNDS 1440
GALLONS OF WATER 90
DEPTH OF GROUT SEAL (to nearest foot)
from 0 ft. to 40 ft. (enter 0 if from surface)

CASING RECORD

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)

ST 6 91

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

EACH CASING

SCREEN RECORD

screen type or open hole insert appropriate code below

STEEL ☒ BRASS ☐ OPEN HOLE ☐
BRONZE ☐ PLASTIC ☐ OTHER ☐

DEPTH (nearest ft.)

1 HO 89 205

2

3

- CIRCLE APPROPRIATE BOX
- ☒ 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. 238

DRILLERS SIGNATURE

(MUST MATCH SIGNATURE ON APPLICATION)

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

SLOT SIZE

DIAMETER OF SCREEN (NEAREST INCH)

from to

GRAVEL PACK

IF WELL DRILLED WAS FLOWING WELL CIRCLE BOX ☐

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

T (E.R.O.S.)

TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST

HOURS PUMPED (nearest hour) 3

PUMPING RATE (gal. per min. to nearest gal.) 5

METHOD USED TO MEASURE PUMPING RATE

WATER LEVEL (distance from land surface)

BEFORE PUMPING 25

WHEN PUMPING 93

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 YES ☒ NO ☐

DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX)

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: (A, C, J, P, R, S, T, O))

CAPACITY: GALLONS PER MINUTE (to nearest gallon)

PUMP HORSE POWER

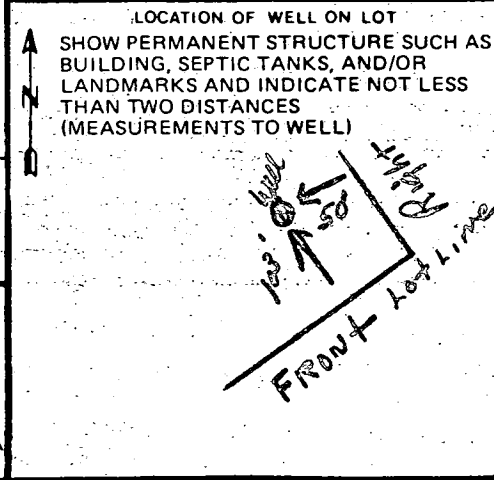
PUMP COLUMN LENGTH (nearest ft.)

CASING HEIGHT (circle appropriate box and enter casing height)

above

LAND SURFACE

below 2 (nearest foot)



B 1	0293	SEQUENCE NO. (OEP USE ONLY)	8:30 pump test 3 hrs - cancel	STATE OF MARYLAND PERMIT TO DRILL WELL please print or type	OEP PERMIT NUMBER H0-81-0054 fill in this form completely
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)					
Date Received 9:30 4/18/83		0 3 2 2 8 3 (OEP Use Only)		LOCATION OF WELL	
OWNER INFORMATION		COUNTY <u>Howard</u>			
Last Name 15 <u>Bert King</u> Owner 34 Name <u>Lehman</u>		SUBDIVISION <u>Triadelphia Farms #3</u>			
6 8 1 0 5 T M A I D E N L A N E		SECTION <u>44</u> LOT <u>13A</u>			
2 H A R K S B I L L E M D . 2 1 0 2 9		NEAREST TOWN <u>Blensly</u>			
Town 57 State 76 Zip		MILES FROM TOWN (enter 0 if in town) <u>1 3/10</u>			
B 1 Continued		DRILLER INFORMATION			
Driller's Name <u>Joseph L. Mayes</u>		77 License No. 80 <u>238</u>			
Firm Name <u>Mayes Drilling</u>					
Address <u>551 1/2 Ridge Rd Mt Airy Md.</u>					
Signature <u>Joseph L. Mayes</u> Date <u>March 13, 83</u>					
B 2		WELL INFORMATION			
APPROX. PUMPING RATE (GAL. PER MIN.) <u>5</u>					
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) <u>500</u>					
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 <u>180</u> FEET					
APPROXIMATE DIAMETER OF WELL <u>6</u> NEAREST INCH					
METHOD OF DRILLING (circle one)					
BORED (OR AUGERED) ☒ JETTED ☐ JETTED & DRIVEN ☐ 30- AIR ROTARY AIR PERCUSSION ROTARY (HYDRAULIC ROTARY) 37 CABLE REVERSE ROTARY DRIVE POINT other _____					
REPLACEMENT OR DEEPEINED WELLS (CIRCLE APPROPRIATE BOX)					
☒ THIS WELL WILL NOT REPLACE AN EXISTING WELL ☐ THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED 39 ☐ THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY ☐ THIS WELL WILL DEEPEIN AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEINED (IF AVAILABLE) 41 _____					
Not to be filled in by driller (OEP USE ONLY)					
APPROX. PERMIT NUMBER <u>54</u> <u>G A P</u> <u>63</u>					
FORCE <u>FC</u> WRITE INITIALS IN BOX PERMIT No. <u>H0-81-0054</u>					
B 5 SPECIAL CONDITIONS 8-63					
1 2 3 6					

LOCATION OF WELL

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

NEAR WHAT ROAD Triadelphia Rd.

DISTANCE FROM ROAD (CIRCLE APPROPRIATE BOX) 103

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

1. WELL
2. 91' casing
3. 2 - wave gr.
4. 40' open
5. 150 bags cement

WRITE THE BOX NUMBER FROM THE MAP HERE

8007
5202

4/25/83 js

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 HEALTH DEPARTMENT APPROVAL

COUNTY NAME HOWARD COUNTY NO. 42-7888

OEP SIGNATURE Frank Sherrin STATE HEALTH CIRCLE BOX 41

DATE ISSUED 04/22/83 CO SIGNATURE _____

NORTH GRID 522 EAST GRID 0807 EXPIRES 1/01/283