

8/17/83
as soon as possible

03-293505

approved 8/17/83
Stayer
P 33044

PERMIT

A 32872

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
992-2330

ELLICOTT CITY
DISTRICT 3rd

INDEX

DATE

Jack Fyock

IS PERMITTED TO INSTALL ☒ ALTER

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

SUBDIVISION Triadelphia Farms I ROAD 13136 Williamfield Dr. LOT 4

PROPERTY OWNER ~~Rudolph Nothdauft~~ Wayne Newsome

ADDRESS 9246 Hobnail Court, Columbia, Maryland 21045 Phone: 730-8419

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

TRENCHES - 158 sq. ft. per bedroom. Trench to be 2 ft. wide. Inlet 3-4 ft. below original grade. Bottom maximum depth 9 feet below original grade. Effective area begins at 3-4 feet below original grade. 5-6 feet of stone below distribution pipe. Start the trench 210 ft. from the left (270 foot long) sideline and 135 ft. from the front (724.27 foot long) lot line, as seen when facing the lot from Williamfield Drive. Continue to dig the trench on level ground running towards the front lot line, the necessary distance. NOTE: NO TRENCH TO EXCEED 100 FEET IN LENGTH. IF MORE THAN ONE TRENCH IS USED, A DISTRIBUTION BOX IS REQUIRED. TRENCHES TO BE INSTALLED ON LEVEL GROUND. CALL FOR INSPECTION OF TRENCH BEFORE GRAVEL IS INSTALLED.

8/16/83 O.K. to have trench bottom at 11 feet F.S.

PLANS APPROVED BY Frank A. Skinner DATE 6/24/83

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.

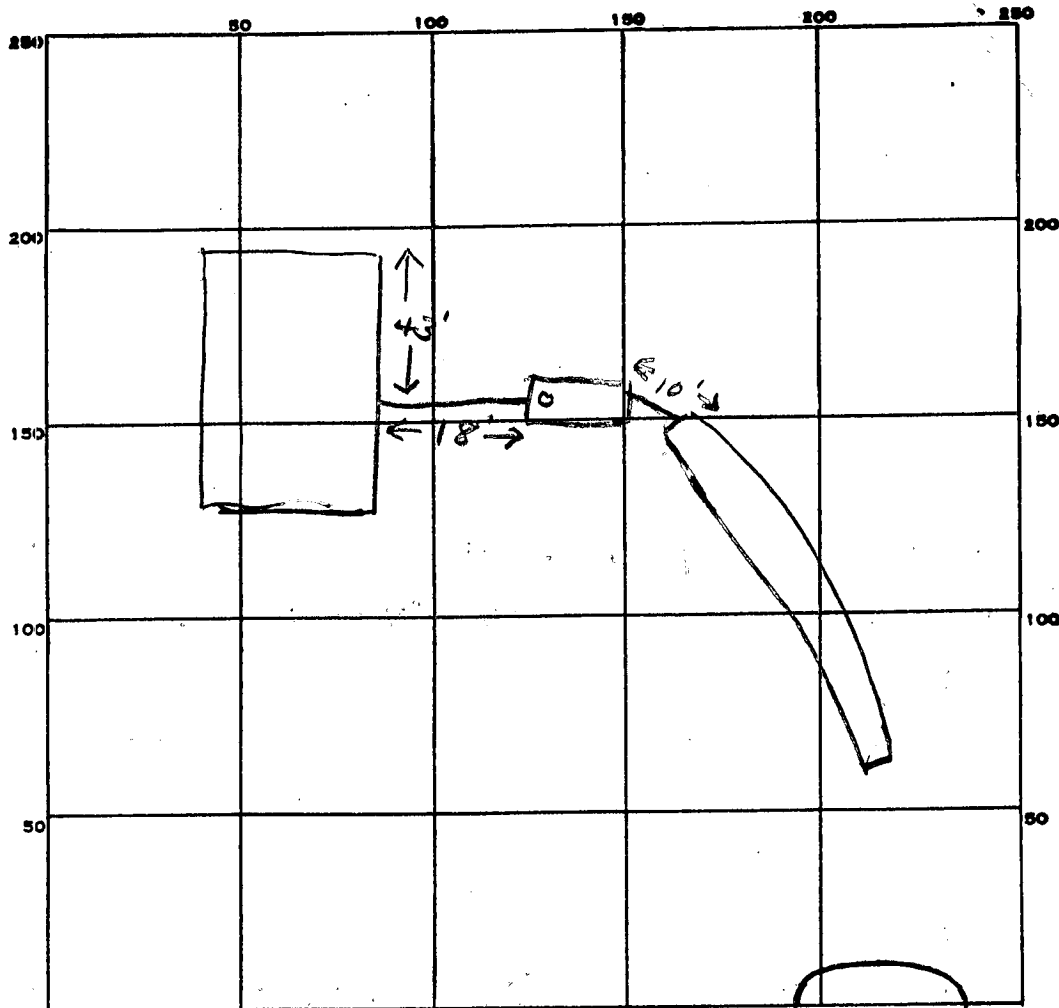
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA, OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED.

***INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APROVAL ON THIS PERMIT**

*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082

A 32872



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

PERMIT CARD _____

SEPTIC TANK, LEVEL ✓ 1000 ga CLEANOUTS 57

DISTRIBUTION BOX, LEVEL _____

TILE FIELD, DEPTH 11 FT. TRENCH WIDTH 2 FT.

GRAVEL DEPTH 8 IN. TOTAL LENGTH 63 FT.

NUMBER OF TRENCHES 1 TOTAL BOTTOM AREA 504

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

ABSORBENT AREA 504 SQ. FT.

REMARKS 8/17/83 OK to add stone in trench. js
8/17/83 OK to cover all work. js

DATE SYSTEM APPROVED

8/17/83

INSPECTOR

Stayer

SUBDIVISION: Triadelphia Farms I

LOT NUMBER: 4

DRY WELL OR DRY WELL AND TRENCH

		_____ sq. ft./bedroom
	<u>Septic Tank</u>	<u>Minimum Total square Feet</u>
3 bedroom	1000 gallon	_____
4 bedroom	1250 gallon	_____
5 bedroom	1500 gallon	_____

Inlet _____ feet below original grade.

Bottom maximum depth _____ feet below original grade.

Effective area begins at _____ 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 _____ feet of stone below distribution pipe.

TRENCHES158 sq. ft./bedroomTrench to be 2 ft wide.Inlet 3-4 feet below original grade.Bottom maximum depth 9 feet below original grade.Effective area begins at 3-4 feet below original grade.5-6 feet of stone below distribution pipe.

- 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: Start the trench 210 ft. from the left (270-foot long) sideline and 135 feet from the front (724.27-foot long) lot line, as seen when facing the lot from Williamfield Dr. Continue to dig the trench on level ground running towards the front lot line, the necessary distance.

Retest

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 32872

P _____

DISTRICT 3rd

DATE 6/20/83

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 Lois Maisel Rudolph Nothdufft
9246 Hohwail Court Dan Blake - Builder
ADDRESS Columbia, Md 21045 PHONE 730-8419

PROPERTY LOCATION:

SUBDIVISION Triadelphia Farms I LOT NO. 4

ROAD AND DESCRIPTION off Triadelphia Road 13136 Williamsfield Drive

SIZE OF LOT 5.175 acres 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. XX /s/ Jack Fyock for Dan Blake

(SIGNATURE OF APPLICANT)

APPROVED BY F. Shuman FOR trenches DATE 6/24/83

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

BLDG. PERMIT SIGNED
AND RETURNED 6/13/83

Serial # 59362
Pool

BLDG. PERMIT SIGNED
AND RETURNED 6/24/83

Serial # 59330 S.F.L.O.

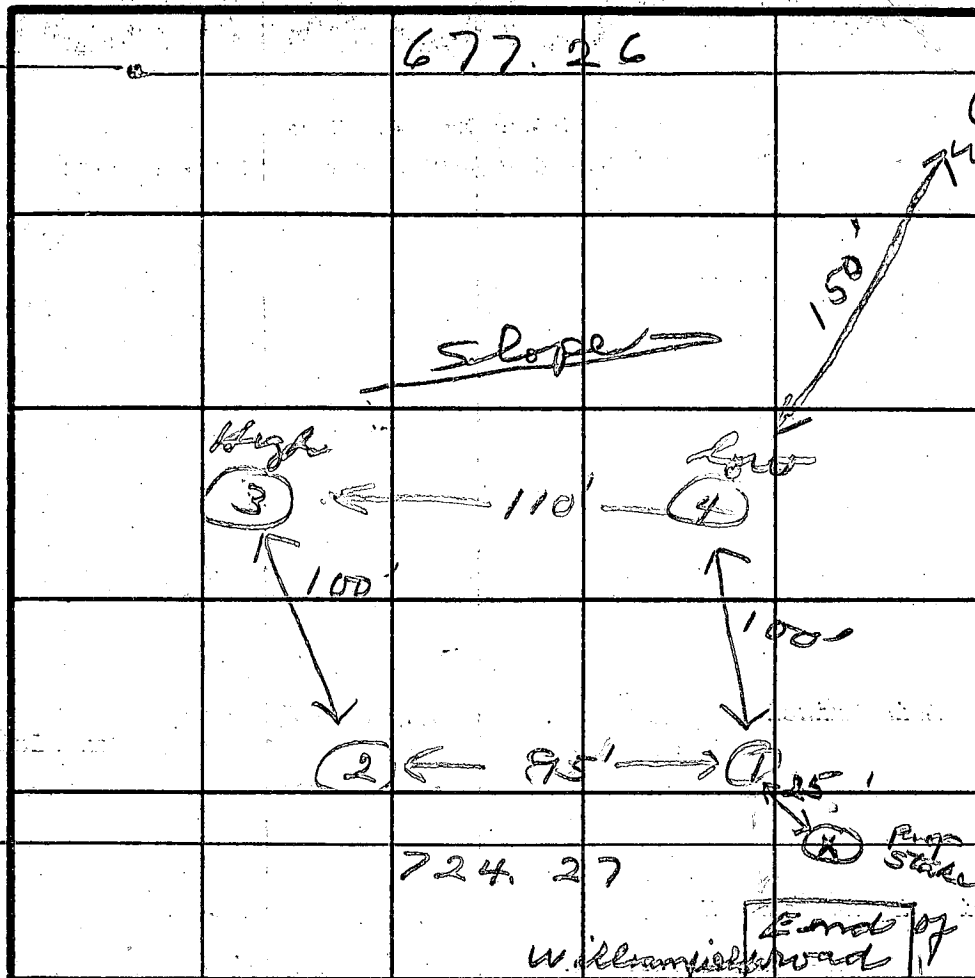
THIS IS NOT A PERMIT

all holes
SOIL PROFILE

Sandy
loam

13'

270.00



233.82

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
6/20/83	1 M	3	1:50	1:51	1:51	1:53	2
	2 M	3	1:55	1:56	1:56	1:58	2
	3 M	4	2:00	2:01	2:01	2:03	2
	4 V	13					

REMARKS

TYPE OF SOIL

TESTED BY

ALSO PRESENT

Skype - (Fyock)

PRELIMINARY

APPLICATION

A 19846

SEWAGE DISPOSAL TESTING

P _____

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT *Septic Tank - 1000 gal.* DISTRICT 3rd
ENVIRONMENTAL HEALTH SERVICES

P. O. BOX 476, ELLICOTT CITY, MARYLAND 21043

TELEPHONE: 465-5000, EXT. 356

Dry Well - 140 sq. ft. DATE 4/23/74*absorbent sidewalk area to begin**below the first 3 1/2 ft of non porous soil. Maximum depth permitted is 10 1/2 ft. Locate dry well 40 ft. from right side line and 170 ft. from front lot line as seen from right of way.*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 *John D. Fulton*
~~Lois Majeski~~ (Contract Purchaser - Roger Ralph)ADDRESS *13212 Triadelphia Road*
2378 Route 97, Cooksville, Md. PHONE 489-4138PROPERTY LOCATION: *Ellicott City, Md. 21043*SUBDIVISION ~~(Triadelphia Farms)~~ *TRIA. FARMS I* LOT NO. Parcel 4ROAD AND DESCRIPTION *Triadelphia Road**@ end of Williamfield Drive*

SIZE OF LOT 5.175 acres TYPE BLDG. 3 or 4 bedrooms

NUMBER OF BEDROOMS

IF NOT SINGLE RESIDENCE DESCRIBE _____

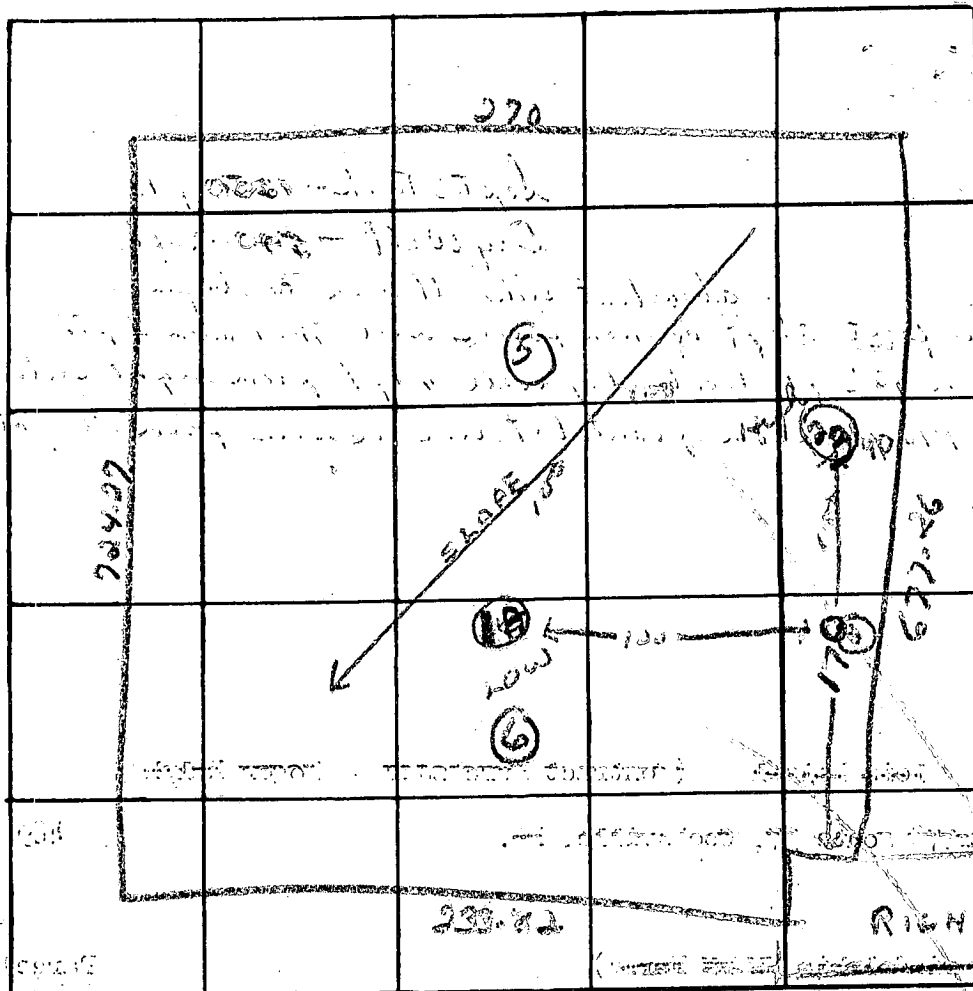
THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE.

SIGNATURE OF APPLICANT *Roger S. Ralph*APPROVED BY *Robert V. Tane* FOR *Dry Well* DATE 5/10/74
(KIND OF SYSTEM)REJECTED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT



DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5/19/74	1	10 1/2	11 12	11 15	11 15	11 19	4 min
	1A	5 ft	11 12	11 17	11 17	11 23	11 min
	2	10 ft	11 23	11 27	11 27	11 45	18 min
	3	4 ft	11 23			11 27	4 min
	4	10 ft	Same Soil				
	5	10 ft	11 23	11 27	11 27	11 45	18 min
	6	10 1/2 ft	Water - Good soil from 4 ft				

REMARKS _____

TYPE OF SOIL _____

TESTED BY R. Toner ALSO PRESENT: _____

STATE OF MARYLAND WATER RESOURCES ADMINISTRATION TAWES STATE OFFICE BLDG., ANNAPOLIS, MARYLAND 21401 APPLICATION FOR PERMIT TO DRILL WELL		WRA PERMIT NUMBER HO-73-2972 FILL IN THIS FORM COMPLETELY
DATE RECEIVED (WRA USE ONLY) 9/20/78 9:30 A		OWNER FULTON, JOHN D. COL 15 LAST NAME FIRST NAME COL. 34
STREET OR RFD 13212 TRIADDELPHIA ROAD COL 36 COL. 55		POST OFFICE ELICOTT CITY, MD. COL 57 COL. 76
B 1 CONTINUED DRILLER INFORMATION		B 3 LOCATION OF WELL
DATE 9/5/78 LICENSE NUMBER 40 77 80 George F. Easterday FIRST NAME DRILLER LAST NAME SIGNATURE George F. Easterday		COUNTY HOWARD (DO NOT ABBREVIATE COUNTY NAME) 21 SUBDIVISION TRIADDELPHIA FARMS 42 SECTION 23 LOT 4 50 NEAREST TOWN GLENELG 71 MILES FROM TOWN (ENTER 0 IF IN TOWN) 2 76 77 78
B 2 WELL INFORMATION		B 4 DIRECTION FROM TOWN (CIRCLE APPROPRIATE BOX)
MAXIMUM PUMPING RATE (GALLONS PER MINUTE) 5 8 12 AVERAGE DAILY QUANTITY NEEDED (GALLONS PER DAY) 600 14 20 USE FOR WATER (CIRCLE APPROPRIATE BOX) <input checked="" type="radio"/> HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY) <input type="radio"/> FARMING, AGRICULTURE, IRRIGATION 9K10 <input type="radio"/> INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOVERNMENT. <input type="radio"/> MUNICIPAL WATER SUPPLY } MUST HAVE STATE HEALTH DEPT. APPROVAL <input type="radio"/> PRIVATE WATER COMPANY <input type="radio"/> TEST		N NORTH E EAST NE NORTHEAST SE SOUTHEAST S SOUTH W WEST NW NORTHWEST SW SOUTHWEST NEAR WHAT ROAD Triadelphia ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) N S E W DISTANCE FROM ROAD (ENTER DISTANCE AND CIRCLE APPROPRIATE BOX) 1' 34 37 38 39
APPROXIMATE DEPTH OF WELL 100 24 28 FEET APPROXIMATE DIAMETER OF WELL 6 (NEAREST INCH)		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 47' casing 45' open hole 2' above grade 12 Bags cement + well location OK 20 Sept 78 GLK Glenelg
METHOD OF DRILLING USED (CIRCLE APPROPRIATE METHOD) BORED (OR AUGURED) JETTED DRIVEN 30-37 AIR-ROTARY AIR-PERCUSSION ROTARY (HYDRAULIC ROTARY) CABLE REVERSE-ROTARY DRIVE-POINT OTHER (DESCRIBE)		
REPLACEMENT OR DEEPEINED 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 <input type="radio"/> THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY <input type="radio"/> THIS WELL WILL DEEPEIN AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEINED (IF AVAILABLE)		
NOT TO BE FILLED IN BY DRILLER (WRA USE ONLY) APPROPRIATION PERMIT NUMBER 54 ENGINEER REVIEW DISTRICT NO. 63 FORCE WRITE INITIALS IN BOX CONDITIONS 70 71 72 73 74 75 76 77 78 79		
B 4 CONTINUED HEALTH DEPARTMENT APPROVAL STATE HEALTH (CIRCLE BOX) 41 Howard 128798 MO. DAY YR. COUNTY NAME COUNTY NO. DATE 090578 APPROVED BY 43 48 Donald W. Monaghan, Sanitarian		BOX NUMBER E 800 N 520 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 0/0 5/0
B 5 SPECIAL CONDITIONS 8-63 (WRA USE ONLY) 1 2 3 (SEQ. NO.) 6		

A19846

HEALTH

63

C 1	1875	SEQUENCE NO. (WRA USE ONLY)
1 2 3 (SEQ. NO.) 6		
(THIS NUMBER IS TO BE PUNCHED IN COL'S. 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 WITHIN 30 DAYS AFTER WELL COMPLETION

FILL IN THIS FORM COMPLETELY

COUNTY
NUMBER

DATE RECEIVED (WRA USE ONLY)	DATE WELL COMPLETED <u>9/20/78</u>	DEPTH OF WELL <u>260</u> 22 (TO NEAREST FOOT) 26	PERMIT NO. FROM "PERMIT TO DRILL WELL" <u>HC-10-1472</u> 28 29 30 31 32 33 34 35 36 37
8-13	15 20	DRILLER'S IDENTIFICATION NO. <u>40</u>	

OWNER LAST NAME <u>Fulton</u>	FIRST NAME <u>John</u>
STREET OR RFD <u>13212 IRIDELPHIA RD</u>	POST OFFICE <u>ELKOT CITY</u>

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		CHECK IF WATER BEARING
	FROM	TO	
topsoil	0	2	
shale	2	35	
sandstone	35	45	✓
mic.	45	53	
sandstone	53	59	
mic.	59	70	
concrete	70	74	
mic.	74	240	
specimens	240	241	
mic.	241	260	

GROUTING RECORD

WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX)

TYPE OF GROUTING MATERIAL (CIRCLE BOX)

CEMENT ☒ BENTONITE-CLAY ☐NO. OF BAGS 12 NO. OF POUNDS 1200GALLONS OF WATER 60

DEPTH OF GROUT SEAL (TO NEAREST FOOT)

FROM 0 FT. TO 45 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) 6TOTAL DEPTH OF MAIN CASING (NEAREST FOOT) 47

60 61 63 64 66 70

OTHER CASING (IF USED)

DIAMETER (INCH) DEPTH (FEET) FROM TO

60 61 63 64 66 70

60 61 63 64 66 70

60 61 63 64 66 70

60 61 63 64 66 70

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CIRCLE APPROPRIATE BOXES

☐ 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.

DRILLER'S NAME

(PLEASE PRINT) George F. EastmanSIGNATURE George F. Eastman

C 2

1 2 3 (SEQ. NO.) 6

DEPTH (NEAREST WHOLE FOOT)

FROM 75 TO 260

8 9 11 15 17 21

23 24 26 30 32 36

38 39 41 45 47 51

SLOT SIZE 2 3

DIAMETER OF SCREEN 56 60 (NEAREST INCH)

FROM TO

GRAVEL PACK

IF WELL DRILLED WAS A FLOWING WELL CIRCLE BOX ☐

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

T (E.R.O.S.) W Q

70 72 74 75 76

TELESCOPE CASING LOG INDICATOR OTHER DATA AVAILABLE

70 72 74 75 76

PUMPING TEST

HOURS PUMPED (TO NEAREST HOUR) 2PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON) 6METHOD USED TO MEASURE PUMPING RATE bucket

WATER LEVEL: (DISTANCE FROM LAND SURFACE)

BEFORE PUMPING 40 (NEAREST FOOT)WHEN PUMPING 260 (NEAREST FOOT)

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

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

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PUMP INSTALLED

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

DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX)

CAPACITY:

GALLONS PER MINUTE (TO NEAREST GALLON) 31 35PUMP HORSE POWER 37 41PUMP COLUMN LENGTH (NEAREST FOOT) 43 47

CASING HEIGHT (CIRCLE APPROPRIATE BOX AND ENTER CASING HEIGHT)

☐ ABOVE ☐ BELOWLAND SURFACE 2 (NEAREST FOOT)

49 50 51

LOCATION OF WELL ON LOT

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

80' 15'

dry well

150' 150'

150' 150'

150' 150'

150' 150'

150' 150'

150' 150'

150' 150'

150' 150'

150' 150'

150' 150'

150' 150'

NO. SEWER SERVICE TO BASEMENT

6/24/83
Sketch of
P.S.

LOT 3
TRIADELPHIA FARM

HOUSE:

ENTR. LEVEL = 199.67
F.F. LEVEL = 200.5
BSMT. LEVEL = 191.67
INV. OUT = 193.72

SEPTIC TANK

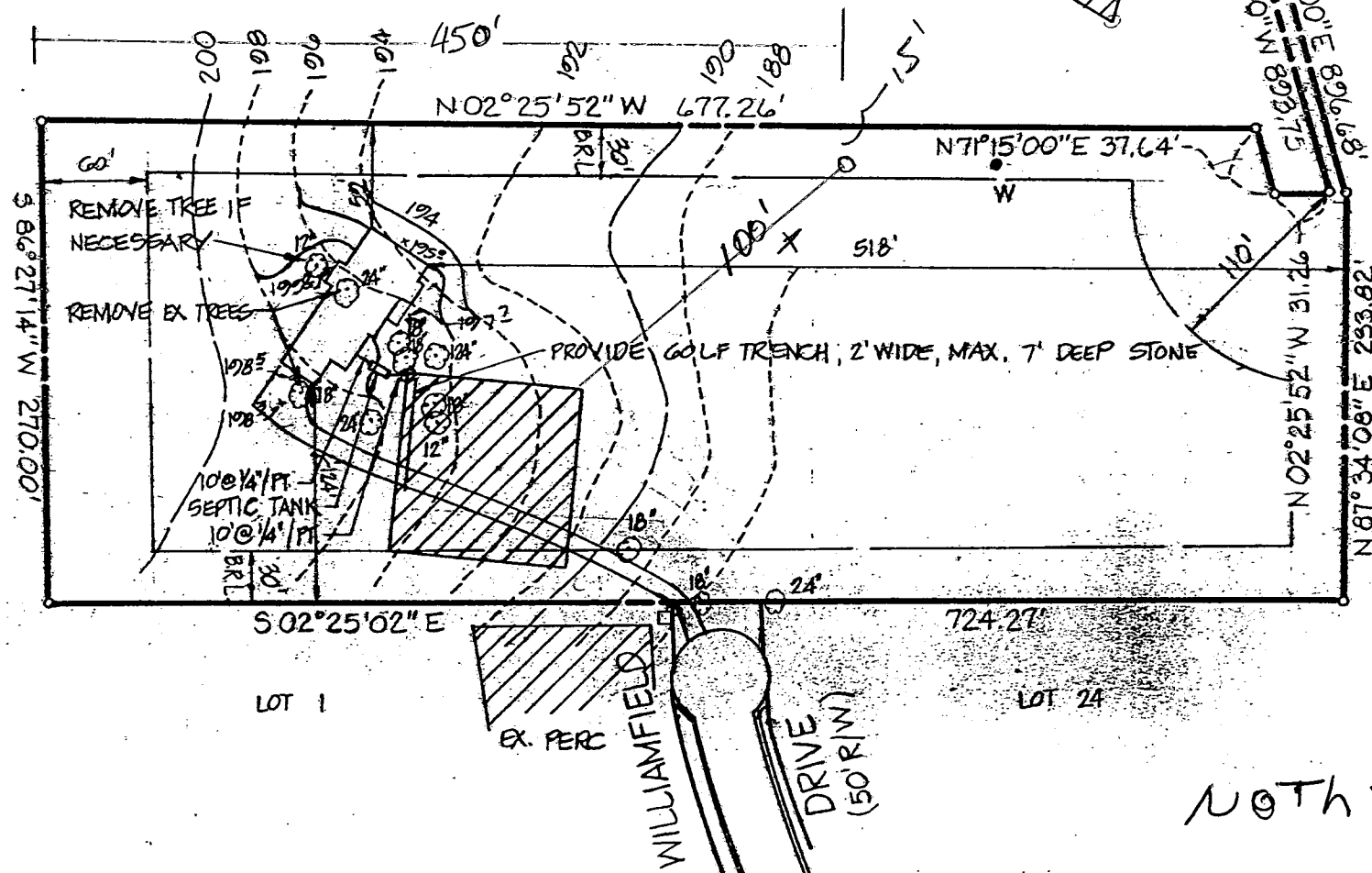
EX. GR. = 197.5
FIN. GR. = 198.0
INV. IN = 193.51
INV. OUT = 193.21

DISTRIBUTION BOX

EX. GR. = 197.0
FIN. GR. = 197.0
INV. IN = 193.0

WELL

EX. GR. = 186.0
FIN. GR. = 182.0



1. CONTRACTOR TO SET GRADES IN FIELD.
2. PROP. HOUSE TO HAVE 3 BEDROOMS.
3. EX. TREES TO BE SAVED WHERE POSSIBLE.
4. TAX MAP: 22 PARCEL: 243

NOTH DUFFT

TITLE GRADING STUDY		DATE: JUNE, 1983	boender associates SUITE 102-107 TOWN & COUNTRY PROFESSIONAL BUILDING ELLICOTT CITY, MARYLAND 21043 301-486-7777	engineers surveyors planners
PROJECT LOT 4 - TRIADELPHIA FARMS - SECTION I		SCALE: 1" = 100'		
LOCATION 3RD ELECTION DISTRICT HOWARD COUNTY, MD.	JOB NO.: 83092	DRAWN BY: D.M.P.		

NO SEWER SERVICE TO BASEMENT

LOT 3
TRIADDELPHIA FARM

EX. PERC

HOUSE:

ENTR. LEVEL = 199.67

F.F. LEVEL = 200.5

BSMT. LEVEL = 191.67

INV. OUT = 193.72

SEPTIC TANK

EX. GR. = 197.5

FIN. GR. = 198.0

INV. IN = 193.51

INV. OUT = 193.21

DISTRIBUTION BOX

EX. GR. = 197.0

FIN. GR. = 197.0

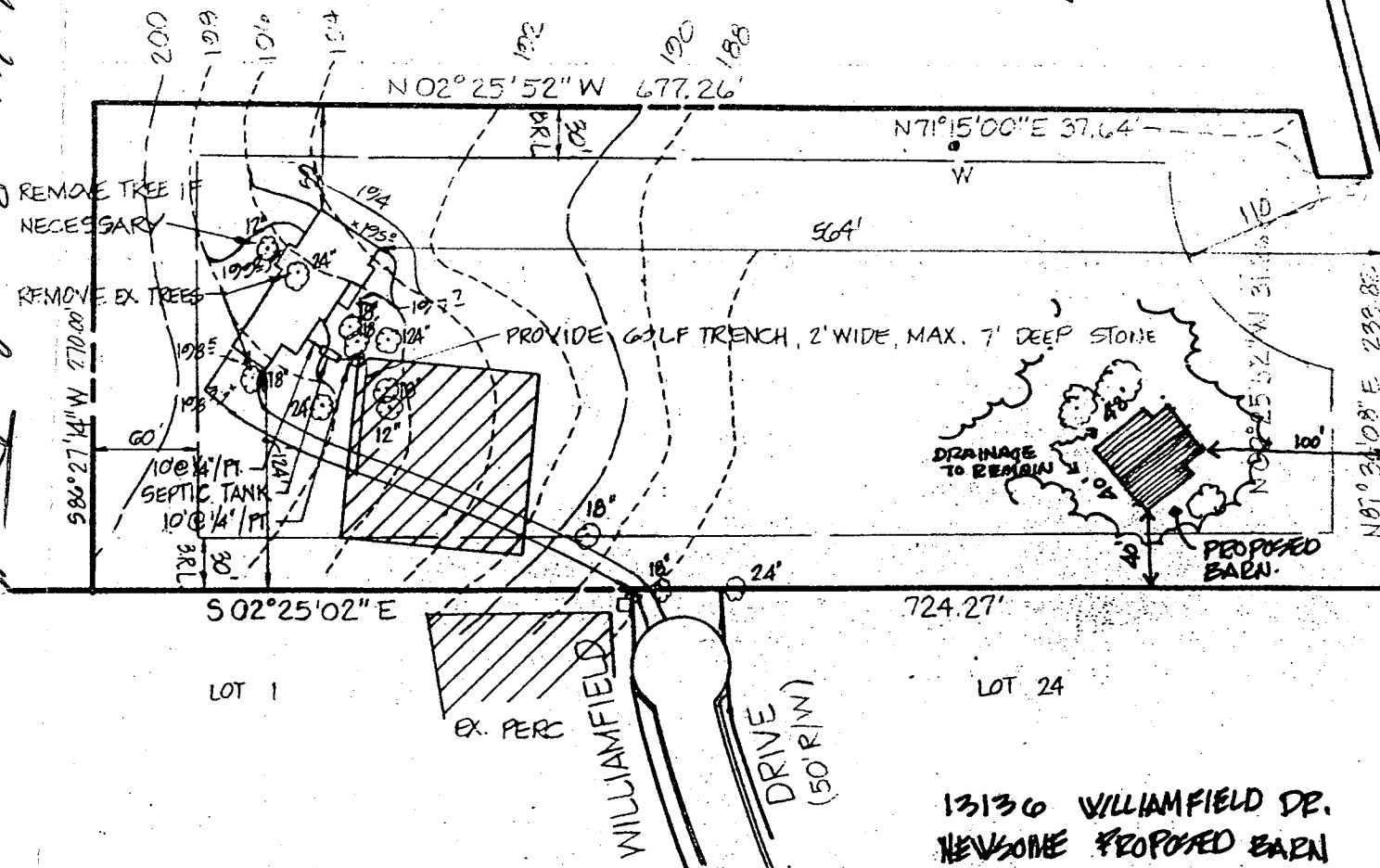
INV. IN = 193.0

WELL

EX. GR. = 186.0

FIN. GR. = 186.0

6/11/84 - Bam location OK
No house canopy problem



1. CONTRACTOR TO SET GRADES IN FIELD.
2. PROP. HOUSE TO HAVE 3 BEDROOMS.
3. EX. TREES TO BE SAVED WHERE POSSIBLE.
4. TAX MAP: 22 PARCEL: 243

TITLE	GRADING STUDY		DATE: REV'D 5/24/84 JUNE, 1983
PROJECT	LOT 4 - TRIADDELPHIA FARMS - SECTION I		SCALE: 1" = 100'
LOCATION	3RD ELECTION DISTRICT HOWARD COUNTY, MD	JOB NO.: 63092	DRAWN BY: D.M.P.

boender associates

SUITE 102-107 TOWN & COUNTRY PROFESSIONAL BUILDING
ELLICOTT CITY, MARYLAND 21043
301-486-7777

engineers
surveyors
planners