

approved 3/23/81  
Stayer

3/23/81  
as soon as possible

# PERMIT

P 31237  
A 29067

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH\*

HOWARD COUNTY

05-388643

ELLICOTT CITY

DISTRICT 5th

INDEXED

DATE March 20, 1981

Jack Fyock

IS PERMITTED TO INSTALL  ALTER

ADDRESS 13775 Tridelphia Mill Road

PHONE 988-9270

SUBDIVISION Tridelphia Mill Farms

ROAD 13966 Tridelphia Mill Rd LOT 20

PROPERTY OWNER George M. Auld @ Richard Hallowell

ADDRESS 5929 Berwyn Rd, Berwyn Heights, Maryland 20740

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 125 SQ. FT.

INLET PIPE 3 FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH 9 FT. BELOW ORIGINAL GRADE

EFFECTIVE DEPTH AT \_\_\_\_\_ FT. BELOW ORIGINAL GRADE.

LOCATE DISPOSAL AREA 90 FT. FROM 10ft LOT LINE AND 275 FT. FROM \_\_\_\_\_ LOT LINE AS SEEN WHEN FACING LOT FROM

Place the dry well 90 feet from the left lot line and 275 feet (down left lot line) from the left front corner point of lot as seen when facing the lot from triadelphia Mill Rd. If trench used with dry well-need:

1. 5' earth buffer between trench and dry well
2. Run trench on contour.

PLANS APPROVED BY C.B. Streaker

DATE December 14, 1979

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.

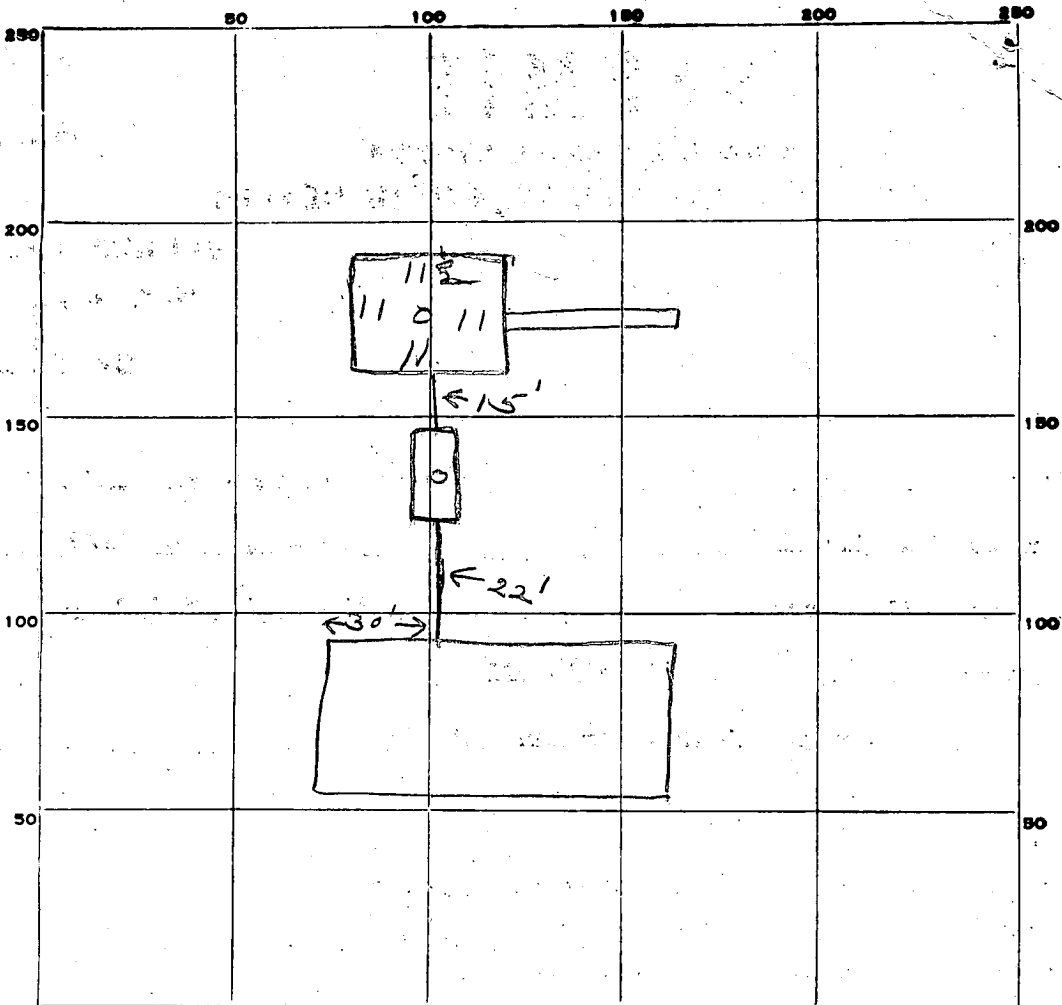
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRAZZO ACCEPTED.

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

BLDG. PERMIT SIGNED  
AND RETURNED 3/23/81  
Send # B/M 01430  
3 car garage porch

A 29067

125  
4  
500



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

Philadelphia Mill Rd

PERMIT CARD \_\_\_\_\_

SEPTIC TANK, LEVEL        CLEANOUTS ST DW

DISTRIBUTION BOX, LEVEL        terra cotta

TILE FIELD, DEPTH 7 FT. TRENCH WIDTH 2 FT.

GRAVEL DEPTH 6 IN. TOTAL LENGTH 40 FT.

NUMBER OF TRENCHES 1 TOTAL BOTTOM AREA 240

SEEPAGE PITS, INSIDE DIAMETER 44.5 FT. DEPTH BELOW INLET 6 FT.

ABSORBENT AREA 507 SQ. FT.

44.5  
6  
267.0  
240

REMARKS 3/23/81 - OK to add gravel in trenches. OK to  
cover work to trenches. J  
3/23/81 OK to cover all work. J

DATE SYSTEM APPROVED 3/23/81 INSPECTOR Stayer

# APPLICATION

A 29067

SEWAGE DISPOSAL TESTING

P \_\_\_\_\_

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

DISTRICT 5th

DATE 10/16/78

SEE ATTACHED SPEC SHEET

BLDG. PERMIT SIGNED  
AND RETURNED 10/22/80  
Serial # 44602

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 George M. Auld  
Tridelphia Mill Farms Partnership  
@ Richard Hallowell  
ADDRESS Sandy Spring, Md. 20860 PHONE 286-2988

PROPERTY LOCATION:

SUBDIVISION Tridelphia Mill Farms LOT NO. 5, Sheet 2  
ROAD AND DESCRIPTION On N & S sides of Tridelphia Mill Rd 1,500' E of  
Greenbridge Rd., 5th Dist. Dayton  
13966 Tridelphia Mill Farms

SIZE OF LOT 3.36 acres TYPE BLDG. 4 bedrm, single family dwg.  
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 Richard Hallowell

APPROVED BY C. B. Stecker FOR DRY WELL DATE 12/14/79  
(KIND OF SYSTEM)

REJECTED BY \_\_\_\_\_ FOR Dry Well + trench DATE \_\_\_\_\_  
(KIND OF SYSTEM)

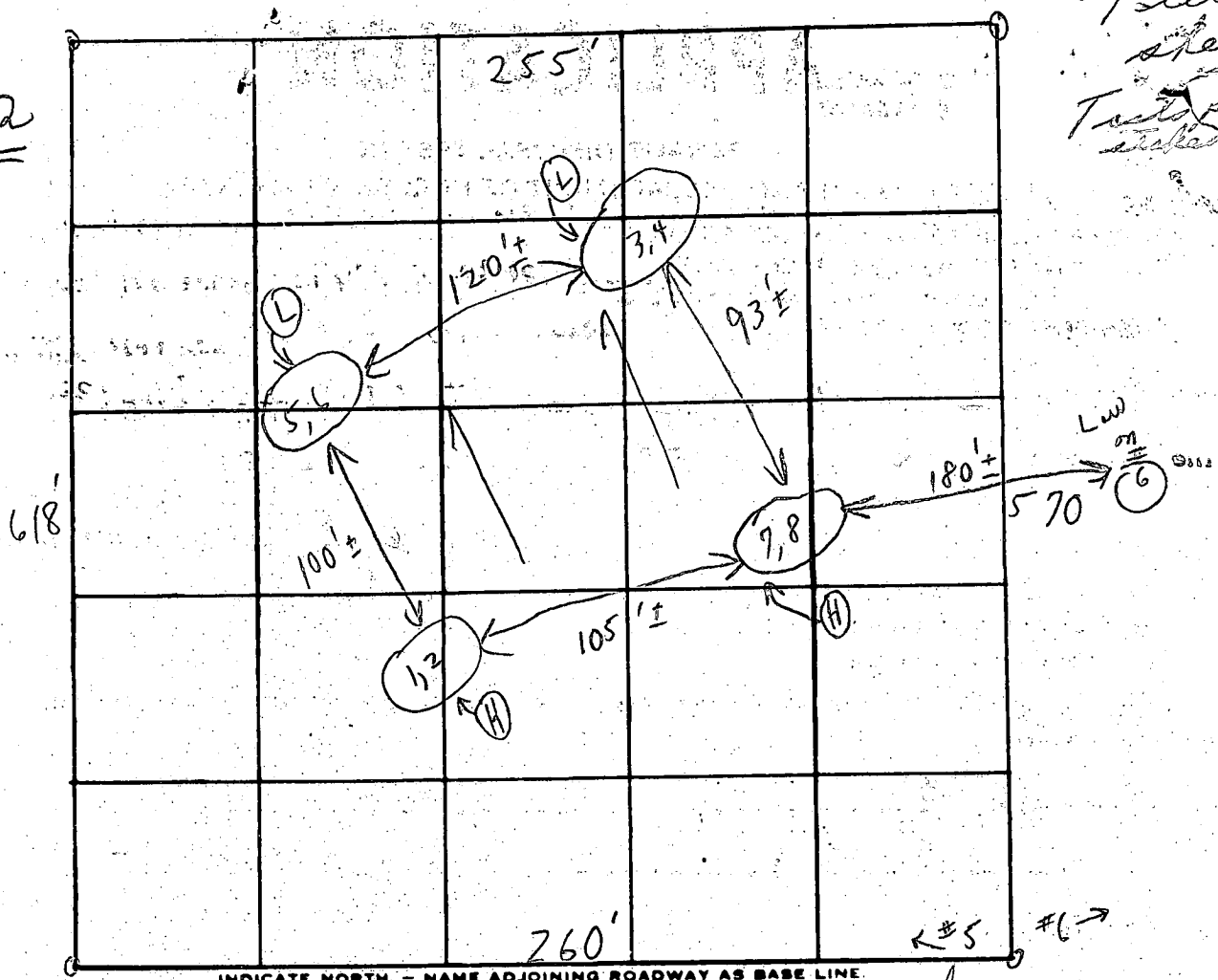
HOLD PENDING-FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

# THIS IS NOT A PERMIT

Final #20  
#5  
Sheet 2

Field  
sheet  
Test per  
sheet



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

Tridellia Mill Road

Soil Profile  
Below  
clay  
Vandy  
Mills  
Loam  
↓

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4/30/28	1	3'	10:45	10:47	10:47	10:53	6 min
	(H) 2	12'	10:44	10:47	10:47	10:54	7 min
	3	3'	10:26	10:28	10:28	10:31	3 min
	4	12 1/2'	10:25	10:28	10:28	10:34	6 min
	5	3 1/2'	10:37	10:38	10:38	10:39	1 min
	6	12'	10:38	10:43	10:43	10:51	8 min
	7	3'	10:18	10:19	10:19	10:21	2 min
	8	12'	10:19	10:28	10:28	10:48	20 min
						8:53	

Unit 3'

7 min  
avg

REMARKS Tests in open corn field

TYPE OF SOIL

TESTED BY C.B.D. ALSO PRESENT: P. Schuler + son

#20 Triadelphia Mill Farms

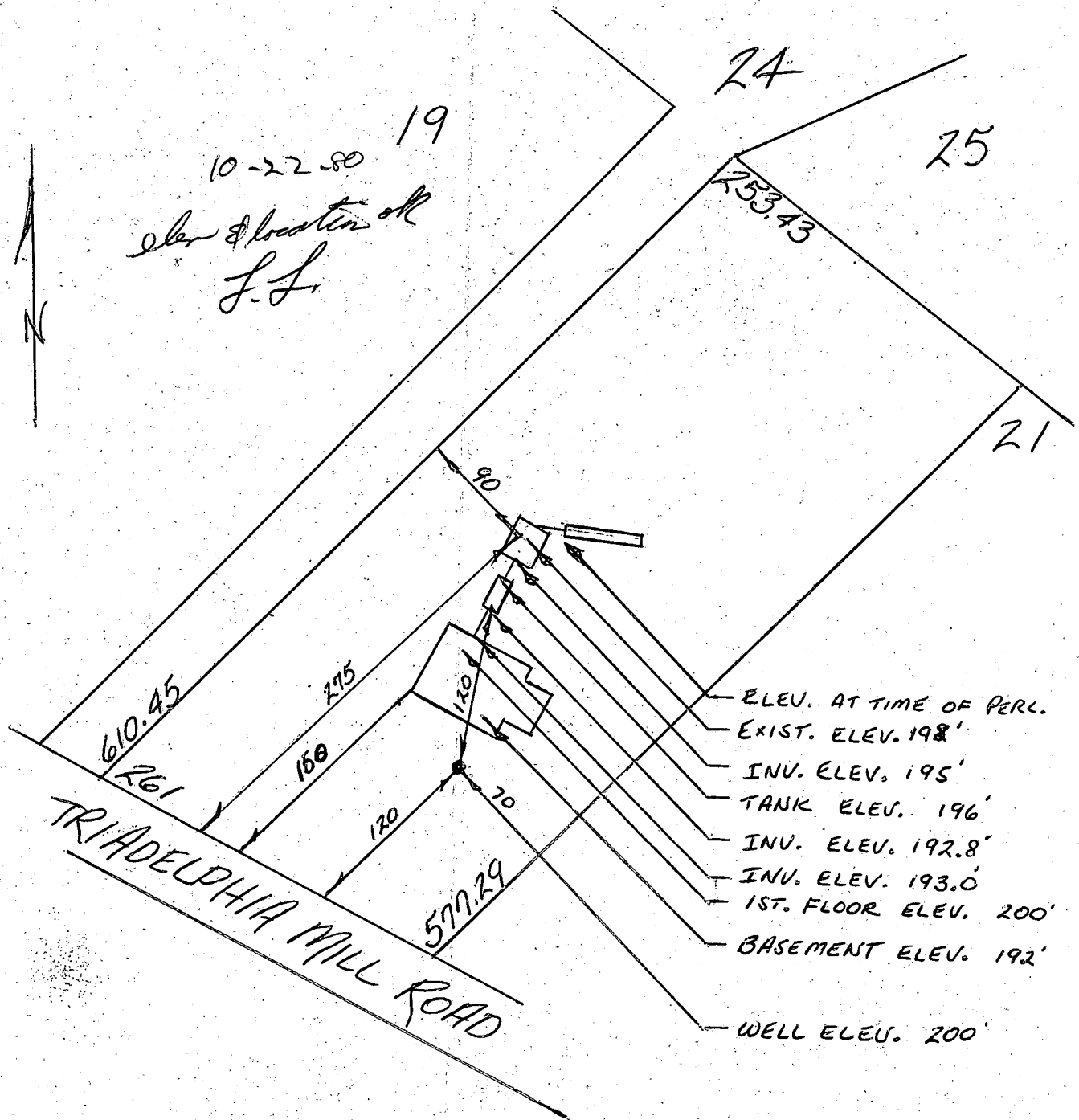
3 BEDROOMS - 1000 GALLON TANK  
4 BEDROOMS - 1250 GALLON TANK

DRY WELL - 125 square foot sidewall area per bedroom. Dry well inlet maximum to be 3 feet below original grade and dry well bottom to be 90 feet below original grade. Place the dry well 90 feet from the LEFT lot line and 275 feet from the LEFT FRONT <sup>(DOWN LEFT LOT LINE)</sup> ~~LOT~~ CORNER POINT <sup>LOT</sup> as seen when facing the lot from TRIADELPHIA MILL road.

Up trench used with dry well - need:

- (1) 5' earth buffer between trench and dry well.
- (2) 2 inspections of trench before and after stone in.
- (3) Run trench on contour.

# TRIADELPHIA MILL FARMS LOT # 20



I CERTIFY THE ABOVE MEASUREMENTS AND  
ELEVATIONS ARE ACTUAL & CORRECT FOR  
THIS LOT. *George M. Ould*

CT 4674 SEQUENCE NO. (WRA USE ONLY)  
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND  
 WELL COMPLETION REPORT  
 FILL IN THIS FORM COMPLETELY  
 PLEASE PRINT OR TYPE

THIS REPORT MUST BE SUBMITTED WITHIN  
 30 DAYS AFTER WELL IS COMPLETED  
 COUNTY NUMBER **A 29067**

Date Received (WRA use only) **10/16/80**  
 DATE WELL COMPLETED

Depth of Well **260**  
 (TO NEAREST FOOT)

PERMIT NO.  
 FROM "PERMIT TO DRILL WELL"  
**40-73-3700**

OWNER **ALLD**  
 STREET OR RFD **5927 BERWYN RD.** TOWN **BERWYN HEIGHTS, MD.**  
 SUBDIVISION **TRIDELPHIA MILL FARM** SECTION **20** LOT **20**

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	
TOP SOIL	0	2	
SHALE	2	10	
SANDSTONE	10	45	✓
BROWN SLATE	45	65	✓
MICA	65	80	
SANDSTONE	80	90	
MICA	90	225	
SANDSTONE	225	230	✓
MICA	230	260	

GRouting RECORD  
 WELL HAS BEEN GROUDED (Circle appropriate box) **Y** **N**  
 TYPE OF GROUDED MATERIAL  
 CEMENT **CM** BENTONITE CLAY **BC**  
 NO. OF BAGS **12** NO. OF POUNDS **1200**  
 GALLONS OF WATER **60**  
 DEPTH OF GROUT SEAL (to nearest foot)  
 from **0** (enter 0 if from surface) to **140** ft.

C 3 (seq no)  
 PUMPING TEST  
 HOURS PUMPED (nearest hour) **2**  
 PUMPING RATE (gal. per min. to nearest gal.) **20**  
 METHOD USED TO MEASURE PUMPING RATE **BUCKET**  
 WATER LEVEL (distance from land surface)  
 BEFORE PUMPING \_\_\_\_\_  
 WHEN PUMPING \_\_\_\_\_  
 TYPE OF PUMP USED (for test)  
**A** air **P** piston **T** turbine  
**C** centrifugal **R** rotary **O** other (describe below)  
**J** jet **S** submersible

CASING RECORD  
 casing types insert appropriate code below  
**ST** STEEL **CO** CONCRETE  
**PL** PLASTIC **OT** OTHER

MAIN CASING TYPE  
 Nominal diameter top(main) casing (nearest inch) **6**  
 Total depth of main casing (nearest foot) **58**

OTHER CASING (if used) diameter (inch) depth (feet) from to  
 E A C H C A S I N G

PUMP INSTALLED YES NO  
 DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX) **Y** **N**  
 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 \_\_\_\_\_  
**-** below **2** (nearest foot)

SCREEN RECORD  
 screen type or open hole insert appropriate code below  
**ST** STEEL **BR** BRASS BRONZE **HO** OPEN HOLE  
**PL** PLASTIC **OT** OTHER

C 2 (seq. no)  
 DEPTH (nearest ft.)  
 E A C H S C R E E N  
**1** **H O** **56** **260**  
**2** \_\_\_\_\_  
**3** \_\_\_\_\_  
 SLOT SIZE \_\_\_\_\_  
 DIAMETER OF SCREEN (NEAREST INCH) \_\_\_\_\_

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 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 IDENT. NO. **40**  
**George J. Cantor**  
 DRILLERS' SIGNATURE  
 (MUST MATCH SIGNATURE ON APPLICATION)

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

GRAVEL PACK \_\_\_\_\_  
 IF WELL DRILLED WAS FLOWING WELL CIRCLE BOX **F**

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

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)  
**WELL 85'**  
**TRIDELPHIA MILL RD.**

B 1	6313	SEQUENCE NO. (WRA USE ONLY)	<b>STATE OF MARYLAND</b> WATER RESOURCES ADMINISTRATION TAWES STATE OFFICE BLDG., ANNAPOLIS, MARYLAND 21401 <b>APPLICATION FOR PERMIT TO DRILL WELL</b>	WRA PERMIT NUMBER <i>Ho-73-3702</i>
	1 2 3 (SEQ. NO.) 6 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)			

DATE RECEIVED (WRA USE ONLY) <i>10/15/80</i> <i>9:30 AM</i> <i>2nd</i>	OWNER <i>Auld George</i>	COL 15 LAST NAME	FIRST NAME	COL. 34
	STREET OR RFD <i>5429 R. ...</i>	COL 36		COL. 55
	POST OFFICE <i>...</i>	COL 57		COL. 76

B 1	CONTINUED	DRILLER INFORMATION
1 2 3 (SEQ. NO.) 6		
DATE <i>10/9/80</i>	LICENSE NUMBER <i>40</i>	77 80
FIRST NAME <i>W. F. ...</i> DRILLER LAST NAME		
SIGNATURE <i>W. F. ...</i>		

B 3	LOCATION OF WELL
1 2 3 (SEQ. NO.) 6	
COUNTY <i>Howard</i>	21 (DO NOT ABBREVIATE COUNTY NAME)
SUBDIVISION <i>...</i>	42
SECTION <i>...</i>	LOT <i>20</i>
NEAREST TOWN <i>Dorton</i>	50
MILES FROM TOWN (ENTER 0 IF IN TOWN) <i>3</i>	71 M I 76 77 78

B 2	WELL INFORMATION
1 2 3 (SEQ. NO.) 6	
MAXIMUM PUMPING RATE (GALLONS PER MINUTE) <i>5</i>	8 12
AVERAGE DAILY QUANTITY NEEDED (GALLONS PER DAY) <i>100</i>	14 20
USE FOR WATER (CIRCLE APPROPRIATE BOX)	
<input checked="" type="checkbox"/> HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)	
<input type="checkbox"/> FARMING, AGRICULTURE, IRRIGATION	
<input type="checkbox"/> INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOVERNMENT.	
<input type="checkbox"/> MUNICIPAL WATER SUPPLY	
<input type="checkbox"/> PRIVATE WATER COMPANY } MUST HAVE STATE HEALTH DEPT. APPROVAL	
<input type="checkbox"/> TEST	

B 4	DIRECTION FROM TOWN (CIRCLE APPROPRIATE BOX)		
1 2 3 (SEQ. NO.) 6			
<input type="checkbox"/> NORTH	<input type="checkbox"/> EAST	<input type="checkbox"/> NE NORTHEAST	<input type="checkbox"/> SE SOUTHEAST
<input checked="" type="checkbox"/> SOUTH	<input type="checkbox"/> WEST	<input type="checkbox"/> NW NORTHWEST	<input type="checkbox"/> SW SOUTHWEST
NEAR WHAT ROAD <i>...</i>			
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) <input checked="" type="checkbox"/> N	<input type="checkbox"/> S	<input type="checkbox"/> E	<input type="checkbox"/> W
DISTANCE FROM ROAD (ENTER DISTANCE AND CIRCLE APPROPRIATE BOX) <i>120 W</i>	34	37	M I 38 39

APPROXIMATE DEPTH OF WELL <i>150</i>	24 28 FEET
APPROXIMATE DIAMETER OF WELL <i>6</i>	(NEAREST INCH)
METHOD OF DRILLING USED (CIRCLE APPROPRIATE METHOD)	
<input type="checkbox"/> BORED (OR AUGERED) <input type="checkbox"/> JETTED <input type="checkbox"/> DRIVEN	
<input checked="" type="checkbox"/> AIR-ROTARY <input type="checkbox"/> AIR-PERCUSSION <input type="checkbox"/> ROTARY (HYDRAULIC ROTARY)	
<input type="checkbox"/> CABLE <input type="checkbox"/> REVERSE-ROTARY <input type="checkbox"/> DRIVE-POINT	
OTHER (DESCRIBE)	
REPLACEMENT OR DEEPEINED WELLS (CIRCLE APPROPRIATE BOX)	
<input checked="" type="checkbox"/> THIS WELL WILL NOT REPLACE AN EXISTING WELL	
<input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED	
<input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY	
<input type="checkbox"/> THIS WELL WILL DEEPEIN AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEINED (IF AVAILABLE)	

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.

*58' casing 2 1/2" Double crown GRND*  
*32' open*  
*48' jetted*  
*16 bags of cement P.W.P.*

*OK*  
*10/15/80*  
*S/K*

NOT TO BE FILLED IN BY DRILLER (WRA USE ONLY)	
APPROPRIATION PERMIT NUMBER	ENGINEER REVIEW DISTRICT NO.
FORCE	CONDITIONS

BOX NUMBER	E 900	N 100
NORTH COORDINATE	50 51 52 53 54 55	
EAST COORDINATE	00 01 02 03 04 05	
ELEVATION AT WELL HEAD (FEET)	57 58 59 60 61 62 63	65 66 67 68

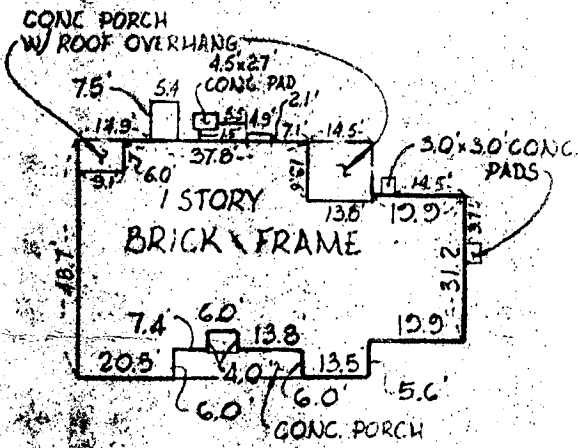
B 4	CONTINUED	HEALTH DEPARTMENT APPROVAL
1 2 3 (SEQ. NO.) 6		
STATE HEALTH (CIRCLE BOX) <i>S</i>	COUNTY NAME <i>Howard</i>	COUNTY NO. <i>22067</i>
DATE <i>10 09 80</i>	APPROVED BY <i>F. Fromelt, Sanitarian</i>	

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

8/2/96

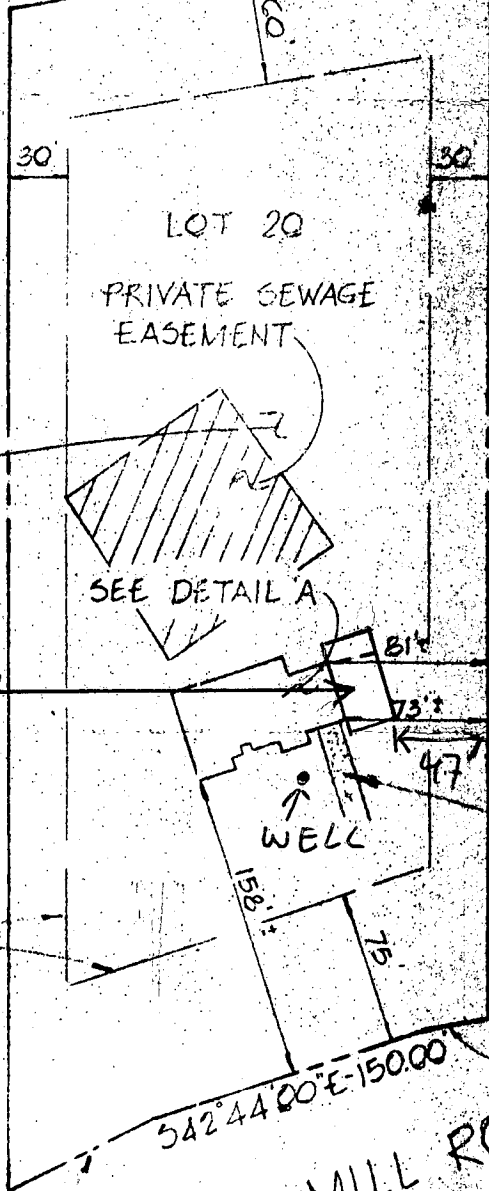
Proposed garage location  
will have no impact to the  
existing well and/or septic  
OK to proceed

Amy McMullen



DETAIL A  
SCALE 1"=40'

531°24'00"E - 253.43'



SCALE 1"=100'

TRIADELPHIA MILL FARMS  
SEC 1 AREA 1  
PLAT NO 4437

NEW GARAGE  
W/ PORCH TO REAR  
TOT. 48'-8" x 26'

BUILDING RESTR.  
LINE

GRAVEL DRIVE

529°57'00"E - 36.52'

549°27'50"E - 82.96'

TRIADELPHIA MILL ROAD

Recorded This 21<sup>st</sup> Day  
of April, 1981.  
Terrell A. Fisher L.S. 10692

This is to certify that I have surveyed the property known as: 13966 Triadelphia Mill Road, 5th Election District, Howard County, Maryland.

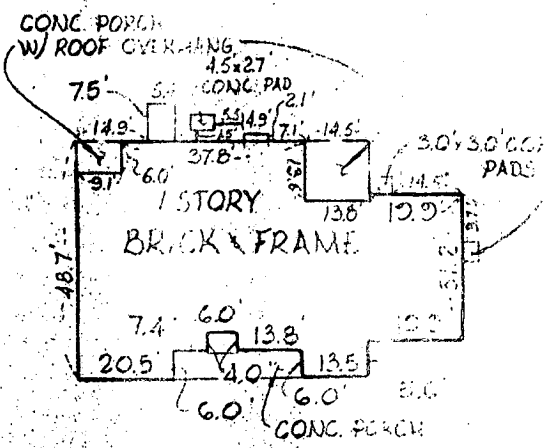
For the purpose of locating the improvements thereon, and the improvements are located as shown

Signed this 26th day of November, 1980

FISHER, COLLINS AND CARTER, INC.  
CIVIL ENGINEERS AND LAND SURVEYORS  
8388 COURT AVENUE  
ELLCOTT CITY, MARYLAND 21043

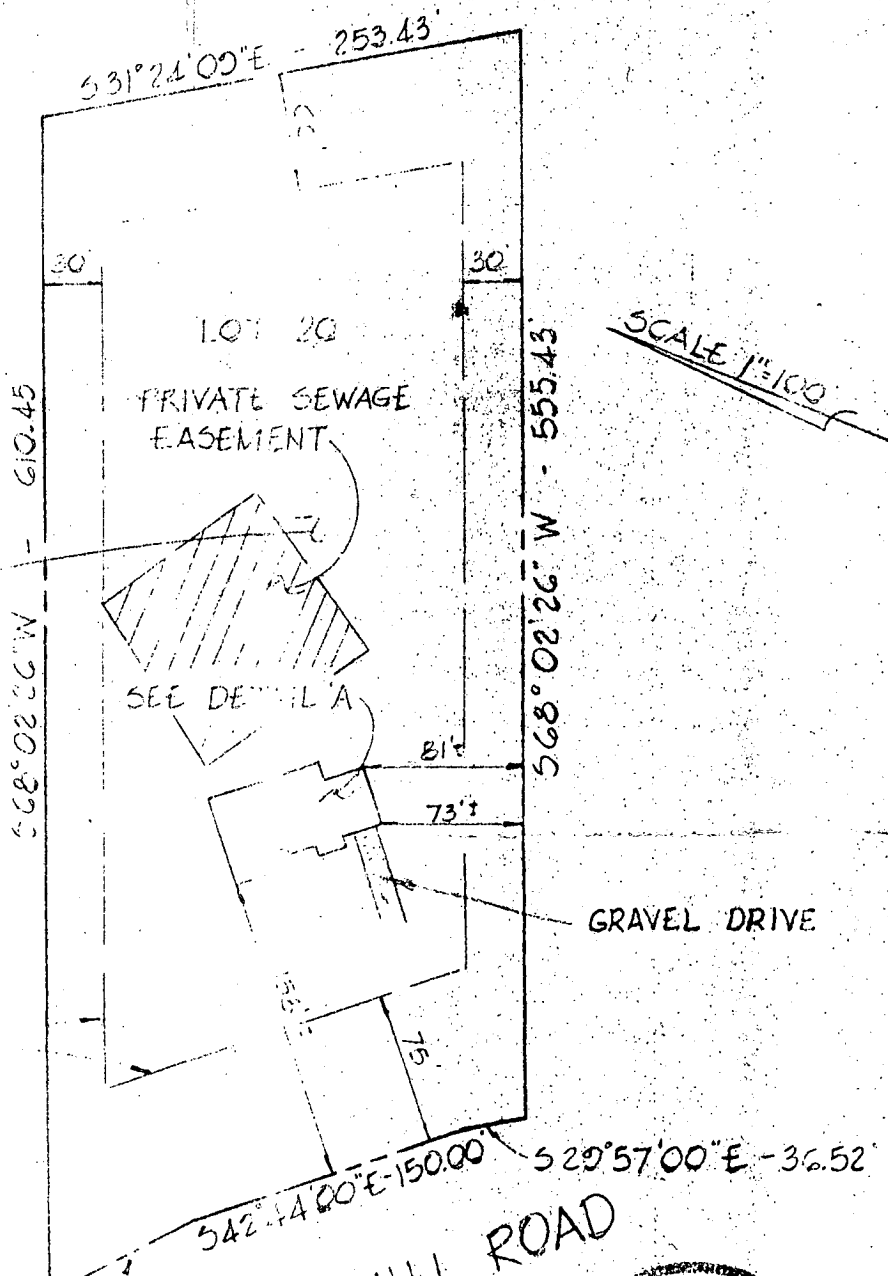
STATE OF MARYLAND  
TERRELL A. FISHER  
Terrell A. Fisher, P.E., L.S.

This plat is not intended for use in the establishment of property lines.



DETAIL A  
SCALE 1"=40'

TRIADDELPHIA MILL FARM  
SEC. 1 AREA 1  
PLAT NO 4437



SCALE 1"=100'

BUILDING RESTR. LINE

GRAVEL DRIVE

S 42° 27' 50" E - 83.00'

TRIADDELPHIA MILL ROAD

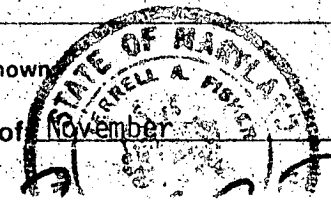
Recorded This 21<sup>st</sup> Day  
of April, 1981.

*Terrill A. Fisher*  
TERRILL A. FISHER L.S. 10692

This is to certify that I have surveyed the property shown as: 13966 Triadelphia Mill Road, 5th Election District, Howard County, Maryland.

for the purpose of locating the improvements thereon, and the improvements are located as shown.

Signed this 26th day of November 1980



RECEIVED  
AUG 01 1986  
HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH