

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH*

HOWARD COUNTY

ELLICOTT CITY

DISTRICT 3rd

DATE 10/3/78

INDEXED

03-305511

P 28970

A 26025

Liberty Backhoe Service, Inc.

IS PERMITTED TO INSTALL X ALTER

ADDRESS 7311 Brangles Road, Marriottsville, Md. 21104 PHONE 795-2642

SUBDIVISION Friendship Manor ROAD 2571 Wellworth Way LOT 3

PROPERTY OWNER Rembrandt Builders

ADDRESS 9051 Baltimore National Pike, Ellicott City, Md. Phone: 465-3000

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 X ABSORBENT SIDE-WALL AREA 336 SQ. FT. total sidewall area in dry well.

INLET PIPE 4 FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH 10 FT. BELOW ORIGINAL GRADE

EFFECTIVE DEPTH AT _____ FT. BELOW ORIGINAL GRADE.

LOCATE DISPOSAL AREA 75 FT. FROM front LOT LINE AND 55 FT. FROM left LOT LINE AS SEEN WHEN
FACING LOT FROM the road.

Trench to be 20 ft. long. To run from earth buffer towards left lot line.

PLANS APPROVED BY R. T. Moorefield & D. W. Monaghan DATE 10/17/77

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.

BLDG. PERMIT SIGNED

AND RETURNED 7/30/81

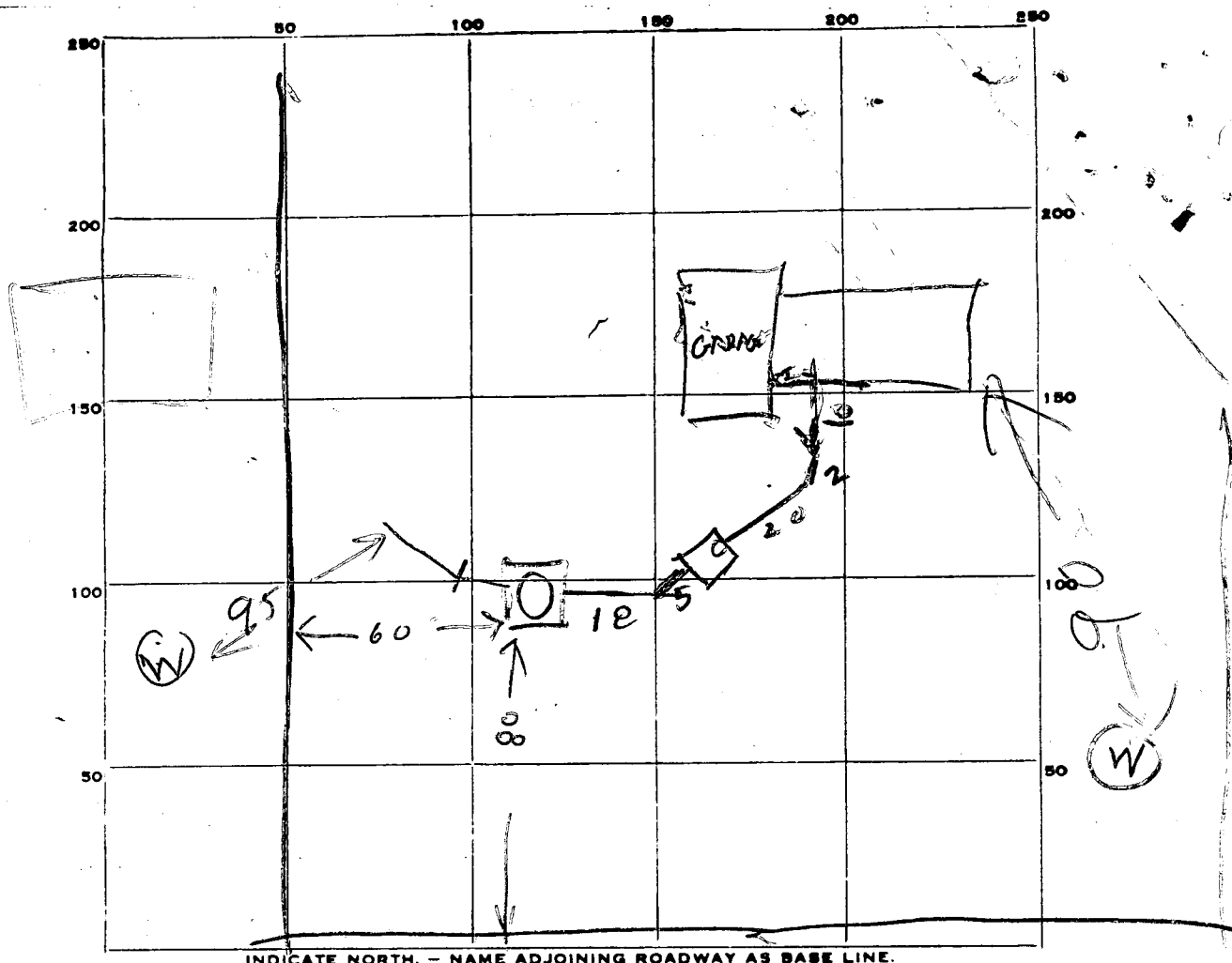
Serial # 47336 for pool

BLDG. PERMIT SIGNED

AND RETURNED 7/7/81

Serial # 47085

A 26025



PERMIT CARD _____

SEPTIC TANK, LEVEL OK 1230 TOP
2 1/2 TO 3 FT BELOW GRADE

CLEANOUTS

ST | DW
 OK | OK

DISTRIBUTION BOX, LEVEL _____

DITCH, DEPTH 9 FT. TRENCH WIDTH 2 FT.

GRAVEL DEPTH 6 FT IN. TOTAL LENGTH 25 FT.

NUMBER OF TRENCHES 1

ONBSIDE

TOTAL BOTTOM AREA

150

SEEPAGE PITS, INSIDE DIAMETER PERIMETER 59. FT. DEPTH BELOW INLET 6.5 FT.

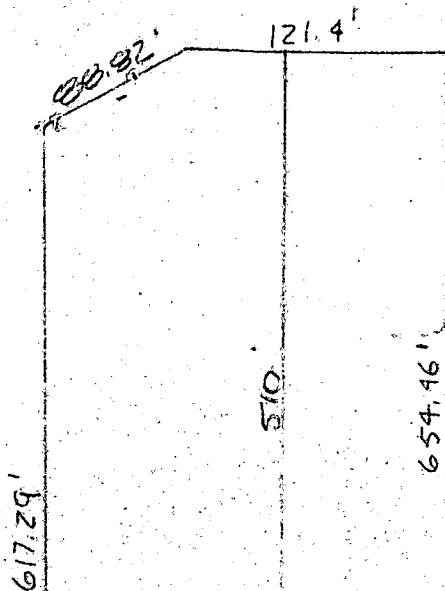
ABSORBENT AREA 380 SQ. FT.

REMARKS 11/29/78 - OK TO COVER TANK & SEWER LINES
ADD STONE TO DITCH & DRY WELL & CALL R_H
380 + 150 = 530 TOTAL

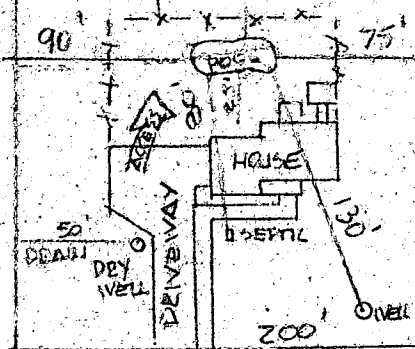
DATE SYSTEM APPROVED

INSPECTOR

11/30/78 Raymond Hodge



PROPOSED
SPLIT EASE
FENCE WAY
220'
\$1000.00

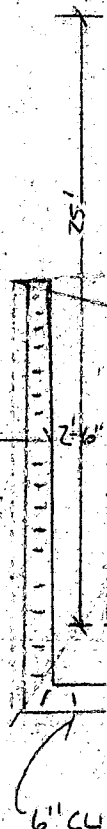


WELLNORTH WAY

REAR 10'
SIDE 30'
HOUSE 10'
WELL 10'
SEPTIC 20'
FENCE 3'(CHAIN)

HOWARD COUNTY
WELL & SEPTIC
SETBACKS

7/30/81
Sketch O.K. for
pool checked &
permits re. B.P.#47085
issued several weeks ago
(will probably be voided)
J.L.S.



VIT 70

EQUIPMENT

APPLICATION

A 26025

SEWAGE DISPOSAL TESTING

P. _____

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

DISTRICT 3rd

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

DATE 6/7/77

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

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 William B. Ridgely

ADDRESS Spring Meadow Farm Cooksville, Md. 21728 PHONE Carol Clark
531-5115

PROPERTY LOCATION: (Friendship Manor)

SUBDIVISION Ridgely Property LOT NO. 3

ROAD AND DESCRIPTION Rte. 144 - Rte. 32

2571 Wellworth Way

SIZE OF LOT ? TYPE BLDG. 3 or (4) bedroom
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/ Albert Scheel BLDG. PERMIT SIGNED AND RETURNED 10/3/78

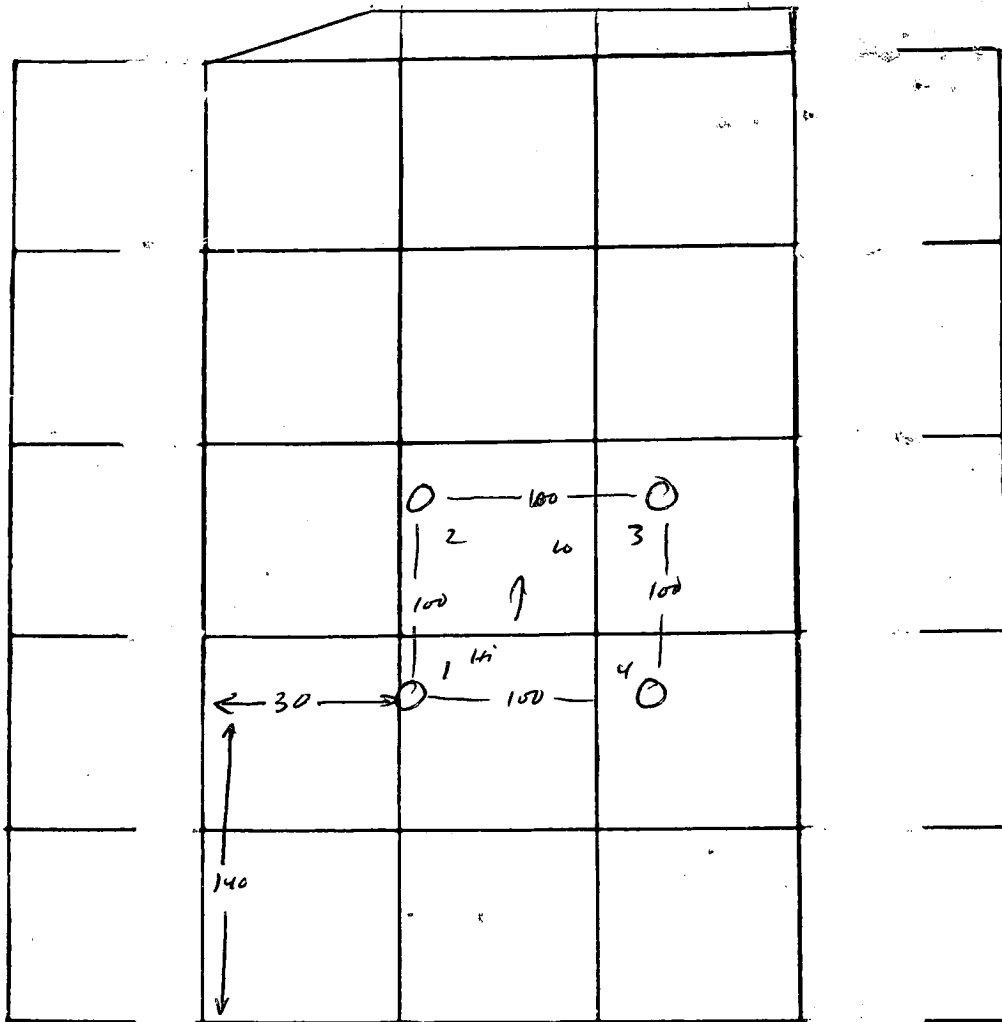
APPROVED BY Rm FOR Serial No. 3708 DATE 10-17-77
(KIND OF SYSTEM)

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

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT



Lot 3

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

RW

0
1 some clay
mixed
2-4"
sandy
loam
13

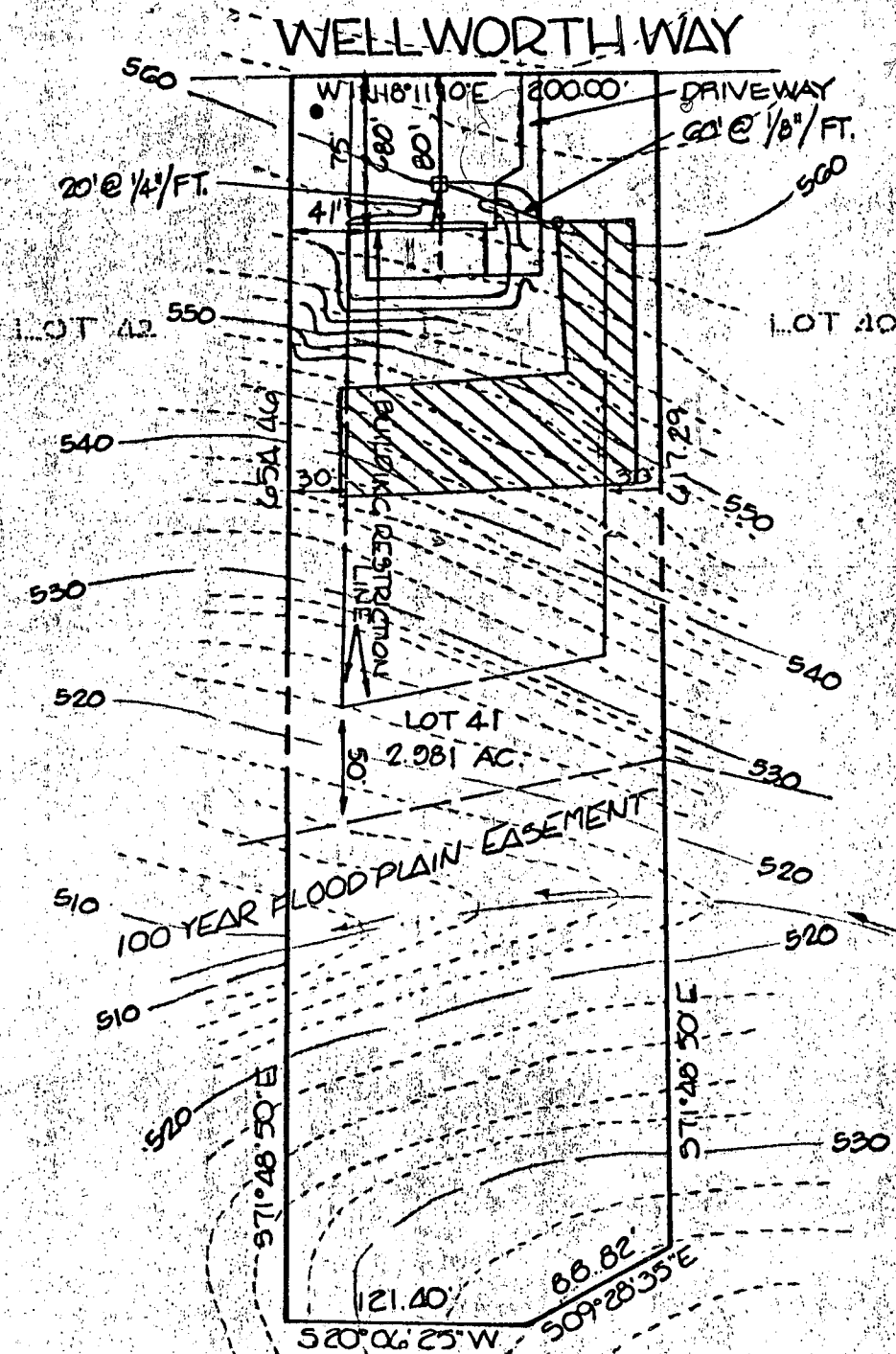
DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
29/27	1	2	10 ⁴²	10 ⁴³	10 ⁴²	10 ⁴⁶	3
	1A	13	10 ⁴²	10 ⁴⁶	10 ⁴⁵	11 ⁰³	15
	2	3	10 ⁴⁷	10 ⁵¹	10 ⁵¹	11 ⁰¹	10
	2A	12½	10 ⁴⁷	10 ⁵¹	10 ⁵¹	11 ⁰¹	10
	③	2	11 ⁰³	11 ²⁰	11 ²⁰	almost 11 ²⁰ by 11 ²⁰	>30
	3A	13	11 ⁰³	11 ⁰⁸	11 ⁰⁸	11 ¹⁵	7
	4	12	vis	same			
	3B	3½	1 ¹⁰	1 ¹²	1 ¹³	1 ²¹	8

REMARKS _____

TYPE OF SOIL _____

TESTED BY M ALSO PRESENT: School

C 1	2567	SEQUENCE NO. (WRA USE ONLY)	STATE OF MARYLAND WATER RESOURCES ADMINISTRATION TAWES STATE OFFICE BLDG., ANNAPOLIS, MD. 21401 WELL COMPLETION REPORT	THIS REPORT MUST BE SUBMITTED IN IN 30 DAYS AFTER WELL COMPLETION FILL IN THIS FORM COMPLETELY COUNTY NUMBER																																																						
DATE RECEIVED (WRA USE ONLY) 9/27/78 DATE WELL COMPLETED		DEPTH OF WELL 100 22 (TO NEAREST FOOT) 26		PERMIT NO. FROM "PERMIT TO DRILL WELL" H-43-89156 28 29 30 31 32 33 34 35 36 37																																																						
OWNER: <u>Chakau R. Miller</u> LAST NAME FIRST NAME STREET OR RFD: <u>6654 BALTIMORE NATIONAL PIKE</u> POST OFFICE: <u>FELICITY CITY</u>																																																										
WELL LOG STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">DESCRIPTION (USE ADDITIONAL SHEETS IF NECESSARY)</th> <th colspan="2">FEET</th> <th rowspan="2">CHECK IF WATER BEARING</th> </tr> <tr> <th>FROM</th> <th>TO</th> </tr> </thead> <tbody> <tr><td>topsoil</td><td>0</td><td>2</td><td></td></tr> <tr><td>shale</td><td>2</td><td>30</td><td></td></tr> <tr><td>sandstone</td><td>30</td><td>45</td><td></td></tr> <tr><td>mica</td><td>45</td><td>55</td><td></td></tr> <tr><td>sandstone</td><td>55</td><td>57</td><td>✓</td></tr> <tr><td>mica</td><td>57</td><td>59</td><td></td></tr> <tr><td>peeling</td><td>59</td><td>60</td><td>✓</td></tr> <tr><td>mica</td><td>60</td><td>64</td><td></td></tr> <tr><td>sandstone</td><td>64</td><td>67</td><td>✓</td></tr> <tr><td>mica</td><td>67</td><td>90</td><td></td></tr> <tr><td>quartz</td><td>90</td><td>91</td><td></td></tr> <tr><td>mica</td><td>91</td><td>100</td><td></td></tr> </tbody> </table>			DESCRIPTION (USE ADDITIONAL SHEETS IF NECESSARY)	FEET		CHECK IF WATER BEARING	FROM	TO	topsoil	0	2		shale	2	30		sandstone	30	45		mica	45	55		sandstone	55	57	✓	mica	57	59		peeling	59	60	✓	mica	60	64		sandstone	64	67	✓	mica	67	90		quartz	90	91		mica	91	100		GROUTING RECORD WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX) ☒ YES ☐ NO TYPE OF GROUTING MATERIAL (CIRCLE BOX) CEMENT ☒ BENTONITE CLAY ☐ NO. OF BAGS <u>11</u> NO. OF POUNDS <u>1100</u> GALLONS OF WATER <u>55</u> DEPTH OF GROUT SEAL (TO NEAREST FOOT) FROM <u>0</u> FT. TO <u>36</u> FT. (ENTER 0 IF FROM SURFACE)	
DESCRIPTION (USE ADDITIONAL SHEETS IF NECESSARY)	FEET			CHECK IF WATER BEARING																																																						
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			PUMPING TEST HOURS PUMPED (TO NEAREST HOUR) <u>2</u> PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON) <u>30</u> METHOD USED TO MEASURE PUMPING RATE <u>bucket</u> WATER LEVEL: (DISTANCE FROM LAND SURFACE) BEFORE PUMPING <u>40</u> (NEAREST FOOT) WHEN PUMPING <u>100</u> (NEAREST FOOT) TYPE OF PUMPED USED (CIRCLE APPROPRIATE BOX) ☒ AIR ☐ PISTON ☐ TURBINE ☐ CENTRIFUGAL ☐ ROTARY ☐ OTHER (DESCRIBE BELOW) ☐ JET ☐ SUBMERSIBLE																																																							
			CASING RECORD INSERT APPROPRIATE CODE BELOW ☒ STEEL ☐ CONCRETE ☐ PLASTIC ☐ OTHER MAIN CASING TYPE <u>54</u> NOMINAL DIAMETER TOP (MAIN) CASING (NEAREST INCH) <u>6</u> TOTAL DEPTH OF MAIN CASING (NEAREST FOOT) <u>42</u> 60 61 63 64 66 70																																																							
			OTHER CASING (IF USED) DIAMETER (INCH) DEPTH (FEET) FROM TO EACH CASING																																																							
			SCREEN RECORD INSERT APPROPRIATE CODE BELOW ☒ STEEL ☐ BRASS OR BRONZE ☐ OPEN HOLE ☐ PLASTIC ☐ OTHER																																																							
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			DEPTH (NEAREST WHOLE FOOT) FROM TO 11 41 15 17 100 21 23 24 26 30 32 36 38 39 41 45 47 51 SLOT SIZE 1. 2. 3.																																																							
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.			DIAMETER OF SCREEN <u>56</u> (NEAREST INCH) FROM TO GRAVEL PACK IF WELL DRILLED WAS A FLOWING WELL CIRCLE BOX ☒ 68 F																																																							
DRILLERS NAME (PLEASE PRINT) <u>George F. Easterday</u> SIGNATURE <u>George F. Easterday</u>			WRA USE ONLY (NOT TO BE FILLED IN BY DRILLER) T ☐ (E.R.O.S.) ☐ W ☐ 70 72 74 75 76 TELESCOPE CASING LOG INDICATOR OTHER DATA AVAILABLE																																																							
			CASING HEIGHT (CIRCLE APPROPRIATE BOX AND ENTER CASING HEIGHT) ☒ ABOVE ☐ BELOW LAND SURFACE <u>9</u> (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). 																																																							



HOUSE:
F.F. ELEV. 560.0
BSMT. ELEV. 551.5
INV. OUT 557.4

DRYWELL:
EX. GRADE 560.0
PROP. GRADE 560.0
INV. IN 556.0

SEPTIC TANK:
EX. GRADE 560.0
PROP. GRADE 560.0
INV. IN 556.9
INV. OUT 556.6

WELL:
EX. GRADE 561.0
PROP. GRADE 561.0

NOTE: Topography shown hereon is based on Howard County Aerial Topography Maps. Contractor is to set grades in the field.

TITLE			
GRADING STUDY			
PROJECT			
FRIENDSHIP MANOR - SECTION 2 - (LOT 41) Lot 3			
LOCATION			
THIRD ELECTION DISTRICT - HOWARD COUNTY, MARYLAND			
DATE:	DESIGN BY:	DRAWN BY:	CHECKED BY:
AUGUST, 1978	WHN	DHH	WHN
SCALE:	JOB NO.:	DRAWING NO.:	
1" = 100'	78205	1 of 1	

boender associates

engineers
surveyors
planners