

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

ELLICOTT CITY

DISTRICT 5th

DATE 7/26/77

Marvin E. Drew

IS PERMITTED TO INSTALL ☒ ALTER

ADDRESS 7550 Greenwood Drive, Highland, Md. 20777

PHONE 286-2895

A SEWAGE DISPOSAL SYSTEM LOCATED AT

SUBDIVISION Greenwood Farms

ROAD 7546 Greenwood Drive

LOT 43

PROPERTY OWNER Marvin E. Drew Carole L. Williams

ADDRESS same as above

SPECIFICATIONS 3 bedrooms

DRAIN FIELD DEPTH FEET, BOTTOM AREA SQ. FT.

SEEPAGE PITS ABSORBENT SIDE-WALL AREA SQ. FT.

SEPTIC TANK CAPACITY 1000 GALLONS

BLDG. PERMIT SIGNED
AND RETURNED 7/28/77

Serial No. 31891

FOR GARBAGE GRINDER, INCREASE DISPOSAL AREA 22% & TANK CAPACITY 50%.

OTHER DRY WELL AND TRENCH - Dry well to have 180 sq. ft. effective absorbent sidewall area per bedroom below first 6 ft. of original soil. Inlet in at 4 ft. and maximum depth permitted for dry well is 12 ft. below original grade. Locate dry well 150 ft. from edge of existing paved road and 35 ft. from existing gravel driveway. If trench is used, leave 5 ft. earth buffer between dry well and trench. CALL FOR INSPECTION OF TRENCH BEFORE PLACING GRAVEL IN TRENCH. 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.

PLANS APPROVED BY Charles B. Streaker

DATE 2/23/77

FILL SEPTIC TANK AND DISTRIBUTION BOX WITH WATER BEFORE CALLING FOR AN INSPECTION. COVER NO WORK UNTIL INSPECTED AND APPROVED.

NEITHER THE HOWARD COUNTY COMMISSIONERS NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM.

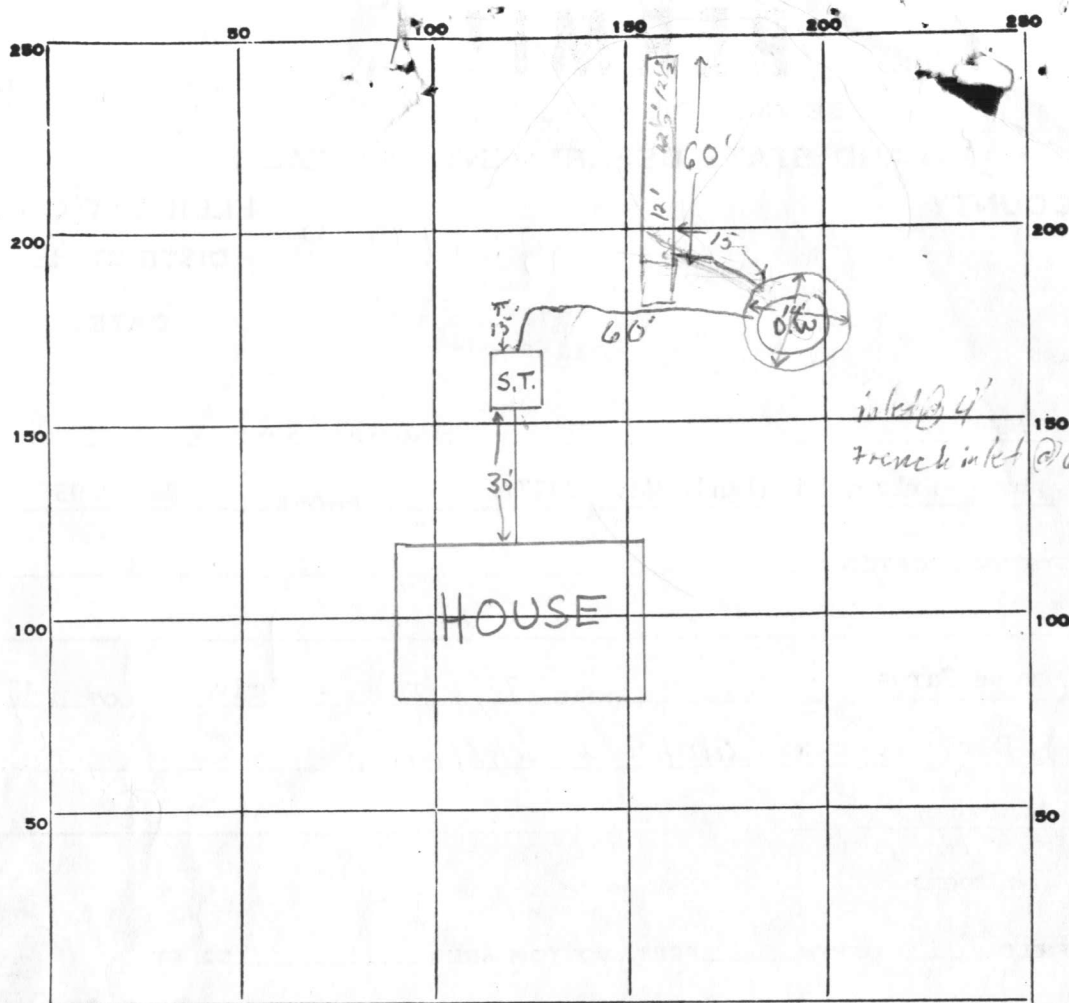
BLDG. PERMIT SIGNED
AND RETURNED 9/13/84

Serial 70828 Prod

BLDG. PERMIT SIGNED
AND RETURNED 10/3/84

Serial #784-52511
Garage

25027



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

Greenwood Drive

PERMIT CARD not seen

SEPTIC TANK, LEVEL ✓ 1000 gal.

CLEANOUTS S.T. | D.W.

DISTRIBUTION BOX, LEVEL n.a.

TILE FIELD, DEPTH 12-12 1/2 FT. TRENCH WIDTH 2 FT.

GRAVEL DEPTH 6 FT. TOTAL LENGTH 61 FT.

NUMBER OF TRENCHES 1 1/2 SIDEWALL TOTAL BOTTOM AREA

$\frac{44}{26.4}$ $\frac{61}{36.6}$

SEEPAGE PITS, OUTSIDE PERIMETER INSIDE DIAMETER ~ 44 FT. DEPTH BELOW INLET (6' eff.) FT.

ABSORBENT AREA 625 SQ. FT. $\frac{44}{34}$ $\frac{61}{62.5}$

REMARKS 1/19/78 O.K. to place gravel in trench; install stand pipes & cleanout caps;
install cast iron pipe between tank → d.w. and between d.w. → trench;
cement house sewer pipe to tank and house. O.K. to cover drywell to facilitate
digging connecting trench to deep trench. T.S.

DATE SYSTEM APPROVED 1/24/78

INSPECTOR T.S. Ogle

RECORDED

APPLICATION

A 25027

P _____

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICESP. O. BOX 476, ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 465-5000, EXT. 356

DISTRICT 5th

DATE 12/20/76

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 Marvin Drew

ADDRESS 7550 Greenwood Drive, Highland, Md. PHONE 384-5223

PROPERTY LOCATION:

SUBDIVISION Greenwood Farms LOT NO. 43

ROAD AND DESCRIPTION Greenwood Drive

SIZE OF LOT 45,032 sq. ft. TYPE BLDG. 3 or 4 bedrooms

NUMBER OF BEDROOMS

IF NOT SINGLE RESIDENCE DESCRIBE _____

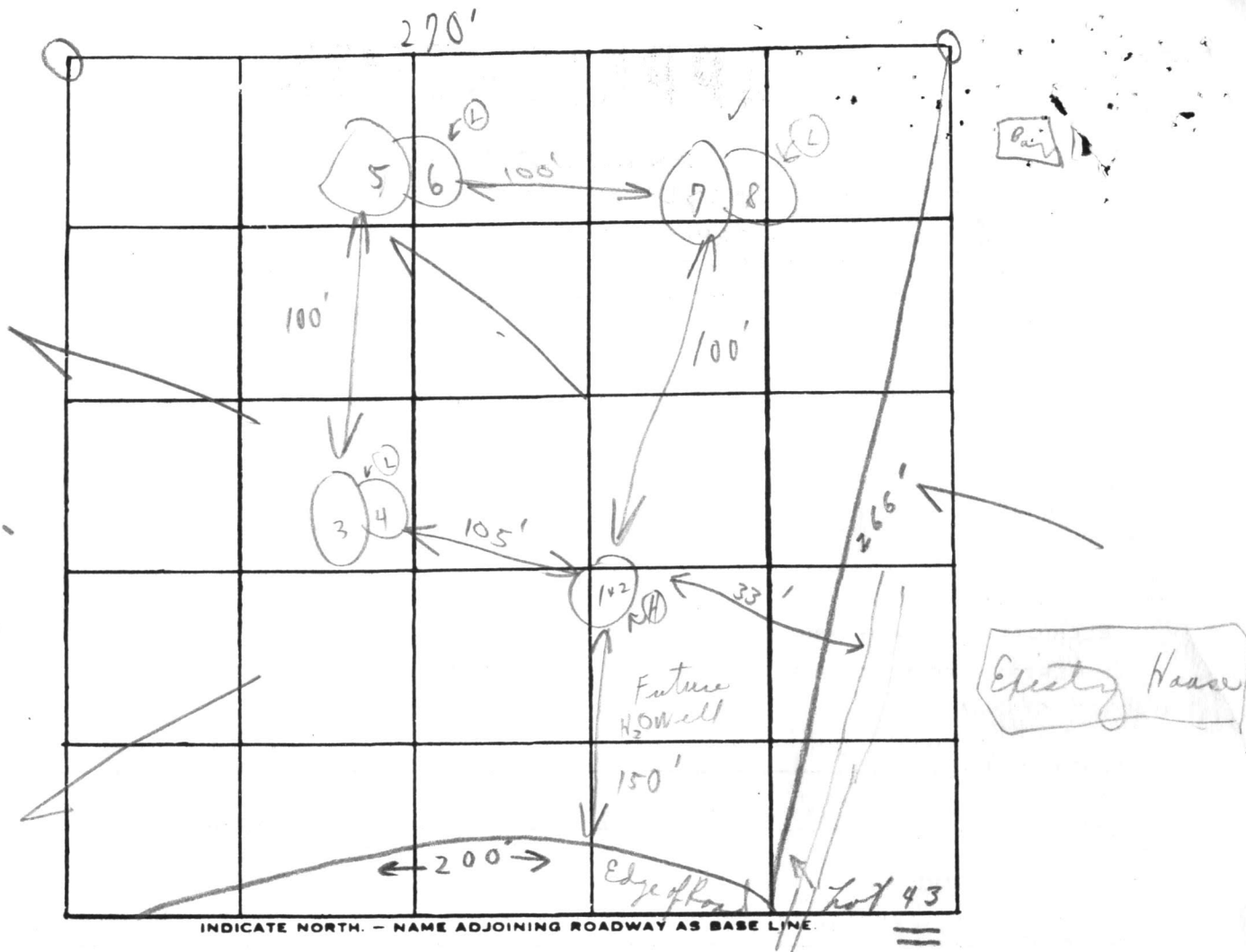
THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE.

SIGNATURE OF APPLICANT *Winston E. Snider*APPROVED BY _____ FOR _____ DATE _____
(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



Soil Profile

Below
clay
loamy

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
2/23/77	1A	4 1/2'	10:17	10:19	10:19	10:25	6 min
	Use 2	15' +	10:16	10:19	10:19	10:25	6 min
	3	5'	10:27	10:32	10:32	10:38	6 min
	4	15'	10:24	10:35	10:35	10:53	18 min
	5	5'	10:23	10:30	10:30	10:54	24 min
	6	15' +	10:21	10:24	10:24	10:31	7 min
	7+8	15'	Visual - similar to others				
	1B	7'	10:36	10:43	10:43	11:06	23 min

(Pulled peg lowered shelf)

Indel 4'

good ground

6'-6 1/2'

Tested 7'

15 min

180 sq ft

res bedroom

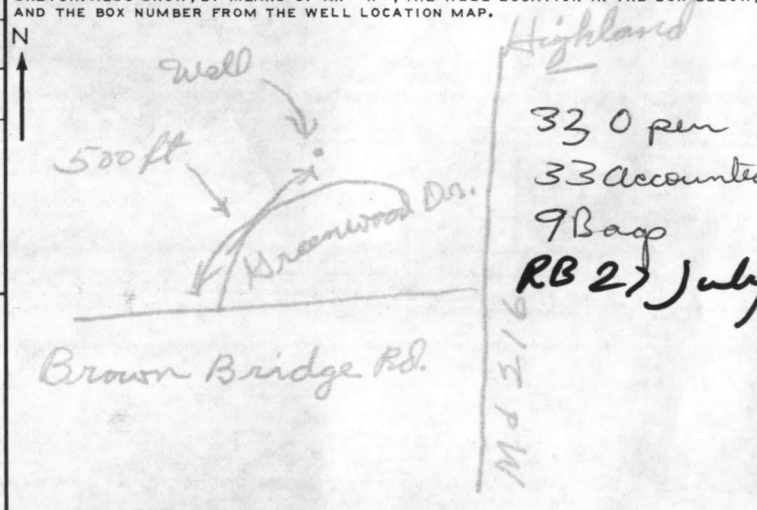
REMARKS: Open lot - tested between 2

TYPE OF SOIL: { Sandy loam below } houses

TESTED BY: C. B. D

ALSO PRESENT: Mr. Snyder

+ Mr. Carlowa Digger

STATE OF MARYLAND WATER RESOURCES ADMINISTRATION TAWES STATE OFFICE BLDG., ANNAPOLIS, MARYLAND 21401 APPLICATION FOR PERMIT TO DRILL WELL										WRA PERMIT NUMBER HO-732202 FILL IN THIS FORM COMPLETELY									
B 1 1 2 3 (SEQ. NO.) 6 THIS NUMBER IS TO BE PUNCHED IN C.S. 3-6 ON ALL CARDS DATE RECEIVED (WRA USE ONLY)										SEQUENCE NO. (WRA USE ONLY) 2296									
OWNER <u>Brew E. Marvin</u> COL 15 LAST NAME FIRST NAME COL. 34																			
STREET OR RFD <u>7550 Greenwood Dr.</u> COL 36 COL. 55																			
POST OFFICE <u>Highland Md. 20927</u> COL 57 COL. 76																			
B 1 1 2 3 (SEQ. NO.) 6 CONTINUED										B 3 1 2 3 (SEQ. NO.) 6 LOCATION OF WELL									
DRILLER INFORMATION DATE <u>June 28, 1977</u> LICENSE NUMBER <u>238</u> 77 80 <u>Joseph H. Mayne</u> FIRST NAME DRILLER LAST NAME SIGNATURE <u>Joseph H. Mayne</u>										COUNTY <u>Howard</u> (DO NOT ABBREVIATE COUNTY NAME) 21 SUBDIVISION <u>Greenwood Farm</u> 42 SECTION <u>43</u> LOT <u>43</u> 44 46 48 50 NEAREST TOWN <u>Highland</u> 52 71 MILES FROM TOWN (ENTER 0 IF IN TOWN) <u>4</u> 73 76 77 78									
B 2 1 2 3 (SEQ. NO.) 6 WELL INFORMATION MAXIMUM PUMPING RATE (GALLONS PER MINUTE) <u>5</u> 8 12 AVERAGE DAILY QUANTITY NEEDED (GALLONS PER DAY) <u>750</u> 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 } MUST HAVE STATE HEALTH DEPT. APPROVAL <input type="checkbox"/> PRIVATE WATER COMPANY <input type="checkbox"/> TEST										B 4 1 2 3 (SEQ. NO.) 6 DIRECTION FROM TOWN (CIRCLE APPROPRIATE BOX) <input checked="" type="checkbox"/> NORTH <input checked="" type="checkbox"/> EAST <input type="checkbox"/> N E NORTHEAST <input type="checkbox"/> S E SOUTHEAST <input type="checkbox"/> SOUTH <input type="checkbox"/> WEST <input type="checkbox"/> N W NORTHWEST <input type="checkbox"/> S W SOUTHWEST NEAR WHAT ROAD <u>Greenwood Drive</u> ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) <input checked="" type="checkbox"/> NORTH <input type="checkbox"/> SOUTH <input type="checkbox"/> EAST <input type="checkbox"/> WEST 30 DISTANCE FROM ROAD (ENTER DISTANCE AND CIRCLE APPROPRIATE BOX) <u>80</u> 34 37 38 39									
APPROXIMATE DEPTH OF WELL <u>160</u> 24 28 FEET										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.									
APPROXIMATE DIAMETER OF WELL <u>6</u> (NEAREST INCH)																			
METHOD OF DRILLING USED (CIRCLE APPROPRIATE METHOD) <input checked="" type="checkbox"/> BORED (OR AUGERED) <input type="checkbox"/> JETTED <input type="checkbox"/> DRIVEN 30-37 <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 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) _____																			
NOT TO BE FILLED IN BY DRILLER (WRA USE ONLY) APPROPRIATION PERMIT NUMBER <u>54</u> ENGINEER REVIEW DISTRICT NO. <u>63</u> FORCE <u>67</u> WRITE INITIALS IN BOX <u>68</u> CONDITIONS <u>70</u> 71 72 73 74 75 76 77 78 79										BOX NUMBER <u>480</u> NORTH COORDINATE <u>50</u> 51 52 53 54 55 EAST COORDINATE <u>57</u> 58 59 60 61 62 63 ELEVATION AT WELL HEAD (FEET) <u>65</u> 66 67 68									
B 4 1 2 3 (SEQ. NO.) 6 CONTINUED										HEALTH DEPARTMENT APPROVAL STATE HEALTH (CIRCLE BOX) <u>S</u> COUNTY NAME <u>Howard</u> COUNTY NO. <u>W26284</u> MO. DAY YR. <u>6</u> <u>30</u> <u>77</u> DATE <u>6/30/77</u> APPROVED BY <u>Donald W. Monaghan, Sanitarian</u> 43 48									
B 5 1 2 3 (SEQ. NO.) 6 SPECIAL CONDITIONS 8-63 (WRA USE ONLY)																			

RECEIVED
LOWARD COUNTY
HEALTH DEPT.

8 4 40 PM '71

DIVISION OF
ENVIRONMENTAL
HEALTH

BB 577-12

C	1	0763	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, MD. 21401
WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITH-
IN 30 DAYS AFTER WELL COMPLETION

FILL IN THIS FORM COMPLETELY

COUNTY
NUMBERDATE RECEIVED
(WRA USE ONLY)

DATE WELL COMPLETED

DEPTH OF WELL

22 (TO NEAREST FOOT) 26

PERMIT NO. FROM "PERMIT TO DRILL WELL"

40-73-2202
28 29 30 31 32 33 34 35 36 37

DRILLERS IDENTIFICATION NO.

OWNER
LAST NAME

FIRST NAME

STREET OR RFD

POST OFFICE

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	
Sand	0	25	
Micha Rock	25	245	

GROUTING RECORDWELL HAS BEEN GROUTED
(CIRCLE APPROPRIATE BOX)

YES	NO
<input checked="" type="radio"/> Y	<input type="radio"/> N
44	44

TYPE OF GROUTING MATERIAL (CIRCLE BOX)

CEMENT	<input checked="" type="radio"/> C	<input type="radio"/> M	BENTONITE CLAY	<input type="radio"/> B	<input type="radio"/> C
	45	46		45	46

NO. OF BAGS 9 NO. OF POUNDS 846

GALLONS OF WATER 54

DEPTH OF GROUT SEAL (TO NEAREST FOOT)

FROM	48	52	54	58	FT.
	0		30		
(ENTER 0 IF FROM SURFACE)					

CASING TYPESINSERT
APPROPRIATE
CODE
BELOW**CASING RECORD**

<input type="radio"/> S	<input type="radio"/> T	<input type="radio"/> C	<input type="radio"/> O
STEEL		CONCRETE	
<input type="radio"/> P	<input type="radio"/> L	<input type="radio"/> O	<input type="radio"/> T
PLASTIC		OTHER	

MAIN
CASING
TYPENOMINAL DIAMETER
TOP (MAIN) CASING
(NEAREST INCH)TOTAL DEPTH
OF MAIN CASING
(NEAREST FOOT)

<input checked="" type="radio"/> S	<input type="radio"/> T	6	32
60	61	63	64
66	68	70	

OTHER CASING (IF USED)

EACH CASING	DIA	INCH	DEPTH (FEET)
	FROM	TO	

**SCREEN TYPE
OR OPEN HOLE**INSERT
APPROPRIATE
CODE
BELOW**SCREEN RECORD**

<input type="radio"/> S	<input type="radio"/> T	<input type="radio"/> B	<input type="radio"/> R	<input type="radio"/> H	<input type="radio"/> O
STEEL		BRASS	OR BRONZE	OPEN HOLE	
<input type="radio"/> P	<input type="radio"/> L	<input type="radio"/> O	<input type="radio"/> T		
PLASTIC		OTHER			

C 2

1 2 3 (SEQ. NO.) 6

DEPTH (NEAREST WHOLE FOOT)

FROM TO

1 8 9 11 15 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)

FROM TO

GRAVEL PACK

IF WELL DRILLED WAS A

FLOWING WELL CIRCLE BOX 68 F

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

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

70 72 74 75 76

TELESCOPE LOG OTHER DATA

CASING INDICATOR AVAILABLE

C 3

1 2 3 (SEQ. NO.) 6

PUMPING TEST

HOURS PUMPED (TO NEAREST HOUR)

PUMPING RATE
(GALLONS PER MINUTE TO NEAREST GALLON)METHOD USED TO
MEASURE PUMPING RATE

WATER LEVEL: (DISTANCE FROM LAND SURFACE)

BEFORE PUMPING 17 20 (NEAREST FOOT)

WHEN PUMPING 22 25 (NEAREST FOOT)

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

<input checked="" type="radio"/> A	<input type="radio"/> P	<input type="radio"/> T
AIR	PISTON	TURBINE
27	27	27
<input type="radio"/> C	<input type="radio"/> R	<input type="radio"/> O
CENTRIFUGAL	ROTARY	OTHER (DESCRIBE BELOW)
27	27	27
<input type="radio"/> J	<input type="radio"/> S	
JET	SUBMERSIBLE	
27	27	

PUMP INSTALLEDTYPE 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)

PUMP HORSE POWER

PUMP COLUMN LENGTH
(NEAREST FOOT)CASING HEIGHT (CIRCLE APPROPRIATE BOX
AND ENTER CASING HEIGHT)

<input checked="" type="radio"/> +	ABOVE	LAND SURFACE	(NEAREST FOOT)
<input type="radio"/> -	BELOW		
49	50	51	

LOCATION OF WELL ON LOTSHOW 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

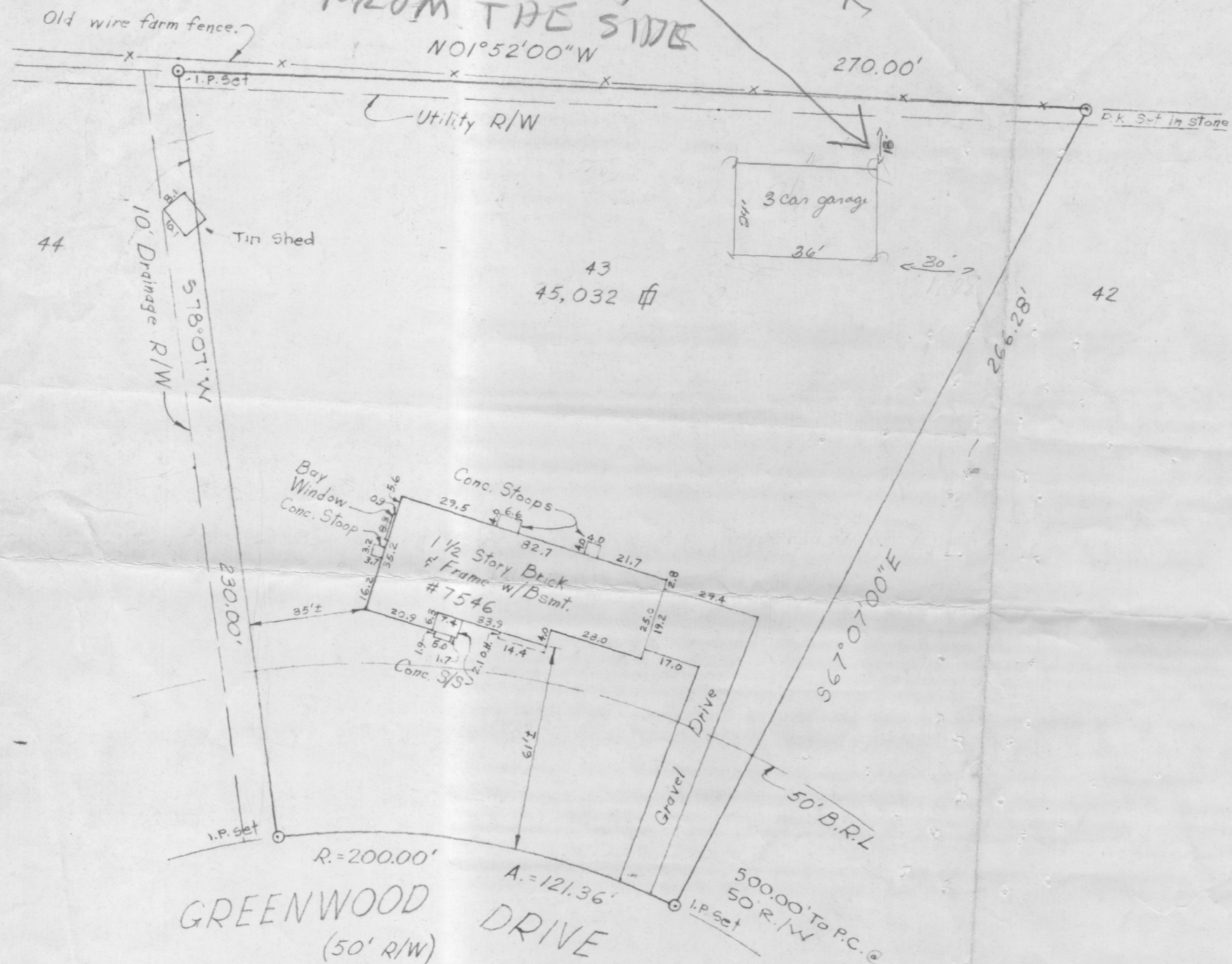
I HEREBY CERTIFY THAT I HAVE COMPLIED WITH ALL
CONDITIONS STATED ON THE ABOVE-CAPTIONED "PERMIT
TO DRILL WELL", AND THAT INFORMATION CONTAINED
IN THIS REPORT IS TRUE, ACCURATE, AND COMPLETE
TO THE BEST OF MY KNOWLEDGE, INFORMATION AND
BELIEF.

DRILLERS NAME

(PLEASE PRINT) Joseph Mayne

SIGNATURE Joseph Mayne

MRS WILLIAMS
WANTS TO MOVE
GARAGE 10 FT ROW BACK
& LEAVE 30 FT
FROM THE SIDE



9/25/84 Discussed with
FS & Mrs Williams
Mrs Williams to submit
new plans showing Garage
Farther Back on Lot
RJH

ENGINEERS' CERTIFICATE

I HEREBY CERTIFY THAT I HAVE CAREFULLY SURVEYED
THE PROPERTY SHOWN AND DESCRIBED HEREON, IN ACCORDANCE
WITH RECORD DESCRIPTION, AND HAVE LOCATED ALL OF THE
EXISTING IMPROVEMENTS THEREON BY A TRANSIT-TAPE SURVEY
AND THAT CORNERS HAVE BEEN FOUND OR PLACED AS SHOWN,
AND THAT THERE ARE NO ENCROACHMENTS EITHER WAY ACROSS
THE PROPERTY EXCEPT AS INDICATED.

Date 2-6-84

CLINTON G. LIGHT
Md. P.E. & L.S. No. 715

HOUSE LOCATION
LOT 43
7546 GREENWOOD DRIVE
GREENWOOD FARMS
SECTION THREE
CLARKSVILLE DISTRICT-HOWARD COUNTY, MARYLAND

DESIGNED BY	SCALE 1" = 40'	DATE 1-31-84	PHONE: 422-6080
DRAWN BY G. Symons	Light, Elliott, & Associates ENGINEERS PLANNERS SURVEYORS 8508 ADELPHI ROAD • ADELPHI MARYLAND 20783		
APPROVED BY	Plat Book 5 Plat No 88	JOB NO. I-4901	
		FILE NO. MS. 3513	

9/24/84
Plans checked
Possibility Garage site could be
to close to trench Do not know
Location of end of ditch See Sept. location
talked with Mrs Williams

