

System Installed 1st.
P.P. 47881.

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

05-388910

ELLICOTT CITY

DISTRICT 5th.

DATE 10/2/81

INDEX

Fulton Inc.

IS PERMITTED TO INSTALL ☒ ALTER

ADDRESS 3509 Reynard Drive, Ellicott City, Maryland

PHONE 988-9000

SUBDIVISION Simpson Woods

ROAD 7298 Meadow Wood Way

LOT 20, Section 3

PROPERTY OWNER Milton Nelson

ADDRESS 9461 Kilimanjaro Road, Columbia, Maryland 21045

SPECIFICATIONS 3 Bedrooms

SEPTIC TANK CAPACITY 1000 GALLONS

DRAIN FIELD DEPTH FEET, BOTTOM AREA SQ. FT.

DEEP TRENCH DEPTH FEET, BOTTOM AREA SQ. FT.

Dry Well

SEEPAGE PITS ☒ ABSORBENT SIDE-WALL AREA 135 SQ. FT. per bedroom

INLET PIPE 43 FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH 10 1/2 FT. BELOW ORIGINAL GRADE

EFFECTIVE DEPTH AT FT. BELOW ORIGINAL GRADE.

LOCATE DISPOSAL AREA 100 FT. FROM front LOT LINE AND 180 FT. FROM left LOT LINE AS SEEN WHEN FACING LOT FROM the front.

NOTE: Oaky to use trench off dry well to make up absorbent sidewall area in system.

Leave 5 ft. earth buffer between trench and dry well. Trench to follow contour of the land. Call for 2 inspections - before and after gravel is installed.

10/1/81 O.K. to use one dry well 15'x15'x 10 1/2' deep with inlet at 3' below grade F.S.

PLANS APPROVED BY Donald W. Monagh

DATE 6/4/80

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.

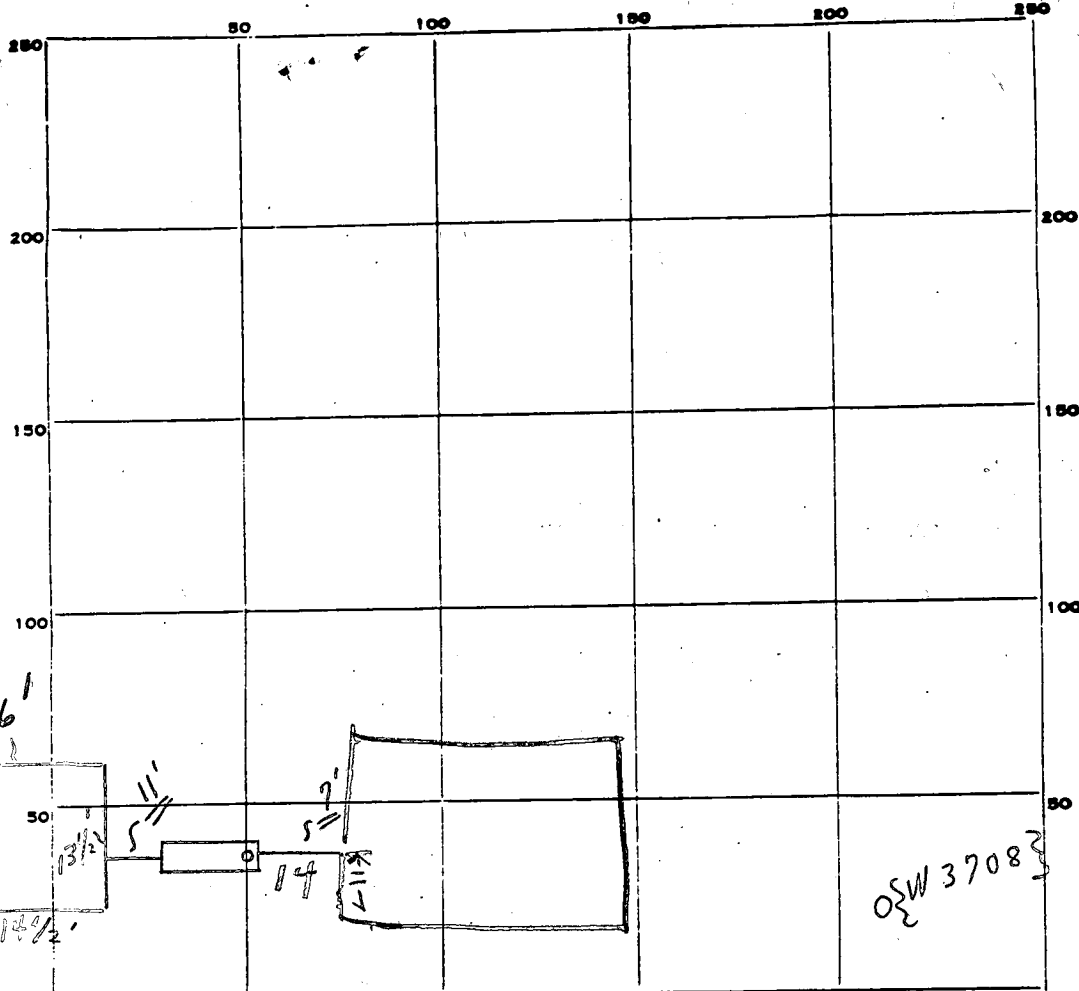
PERMIT VOID AFTER THREE YEARS.

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.

BLDG. PERMIT, SIGNED
AND RETURNED 10/22/81

Serial # 47881

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



PERMIT CARD ☒

SEPTIC TANK, LEVEL ☒

CLEANOUTS ☒ ☒

DISTRIBUTION BOX, LEVEL ☐

TILE FIELD, DEPTH _____ FT. TRENCH WIDTH _____ FT.

GRAVEL DEPTH _____ IN. TOTAL LENGTH _____ FT.

NUMBER OF TRENCHES _____ TOTAL BOTTOM AREA _____

SEEPAGE PITS, ^{OUTSIDE PERIMETER} INSIDE DIAMETER 59 FT. DEPTH BELOW INLET 6 5/6 FT.

ABSORBENT AREA 404 SQ. FT.

REMARKS 10/21/81 OK TO COVER ONLY DRYWELL & SEPTIC TANK - NEED

TO SEE PIPE FROM SEPTIC TANK TO HOUSE IN TOTAL. PIPE @ HOUSE

END OF TANK NOT CEMENTED COMPLETELY THIS DATE - TO CALL FOR FINAL PARTIAL

3/18/82 HOUSE HOOK UP OK RIT C.P. ☒

DATE SYSTEM APPROVED

3/19/82

INSPECTOR

Raymond J. Dodge

C 1	4673	SEQUENCE NO. (WRA USE ONLY)	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	
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)					COUNTY NUMBER <u>A26093</u>	
Date Received (WRA use only)		DATE WELL COMPLETED <u>Nov 17, 1980</u>		Depth of Well <u>160</u> (TO NEAREST FOOT)		PERMIT NO. FROM "PERMIT TO DRILL WELL" <u>40-73-3708</u>

OWNER James L. Mayne last name James first name
STREET OR RFD Route 304 Frederick Rd TOWN Columbia Md.
SUBDIVISION Amerson Woods SECTION 3 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	
<u>Sand</u>	<u>0</u>	<u>60</u>	
<u>Mica Rock</u>	<u>60</u>	<u>160</u>	

GROUTING RECORD

WELL HAS BEEN GROUTED ☒ YES ☐ NO

TYPE OF GROUTING MATERIAL
CEMENT ☒ BENTONITE CLAY ☐

NO. OF BAGS 14 NO. OF POUNDS 1316

GALLONS OF WATER 84

DEPTH OF GROUT SEAL (to nearest foot)
from 0 ft. to 55 ft.
(enter 0 if from surface)

CASING RECORD

casing types
insert appropriate code below

☒ ST STEEL	☐ CO CONCRETE
☐ PL PLASTIC	☐ OT OTHER

MAIN CASING TYPE ST Nominal diameter top/main casing (nearest inch) 6 Total depth of main casing (nearest foot) 65

OTHER CASING (if used)

EACH CASING	diameter inch	depth (feet) from	to
<u>1</u>	<u>4</u>	<u>0</u>	<u>1</u>
<u>2</u>	<u>4</u>	<u>0</u>	<u>1</u>

SCREEN RECORD

screen type or openhole
insert appropriate code below

☒ ST STEEL	☐ BR BRASS	☐ HO OPEN HOLE
☐ PL PLASTIC	☐ OT OTHER	

SCREEN

DEPTH (nearest ft.)

EACH SCREEN	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
<u>1</u>	<u>8</u>	<u>9</u>	<u>11</u>	<u>15</u>	<u>17</u>	<u>21</u>														
<u>2</u>	<u>23</u>	<u>24</u>	<u>26</u>	<u>30</u>	<u>32</u>	<u>36</u>														
<u>3</u>	<u>38</u>	<u>39</u>	<u>41</u>	<u>45</u>	<u>47</u>	<u>51</u>														

SLOT SIZE 1 2 3

DIAMETER OF SCREEN (NEAREST INCH)
from 56 to 60

GRAVEL PACK

IF WELL DRILLED WAS 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

PUMPING TEST

HOURS PUMPED (nearest hour) 2

PUMPING RATE (gal. per min. to nearest gal.) 12

METHOD USED TO MEASURE PUMPING RATE air

WATER LEVEL (distance from land surface)
BEFORE PUMPING 40
WHEN PUMPING 5

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

DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX) ☒ YES ☐ NO

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) 31 35

PUMP HORSE POWER 37 41

PUMP COLUMN LENGTH (nearest ft.) 43 47

CASING HEIGHT (circle appropriate box and enter casing height)
☒ above 2 (nearest foot)
☐ below

LAND SURFACE

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)

Lot 20

well

Front lot line

Right lot line

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.

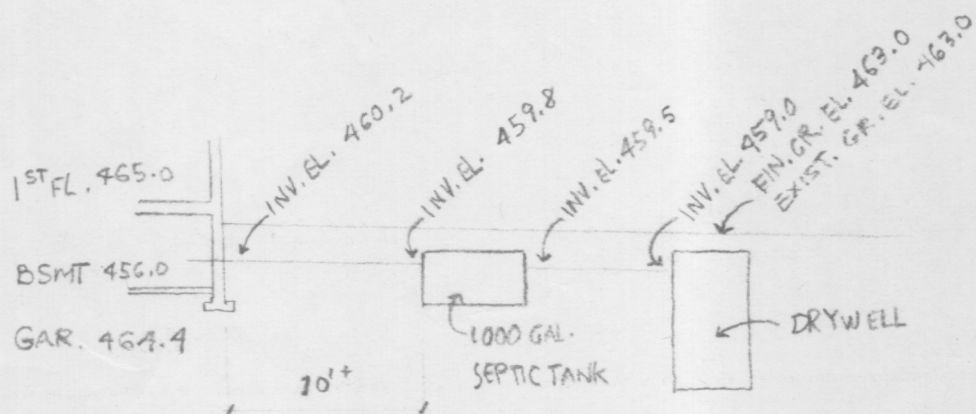
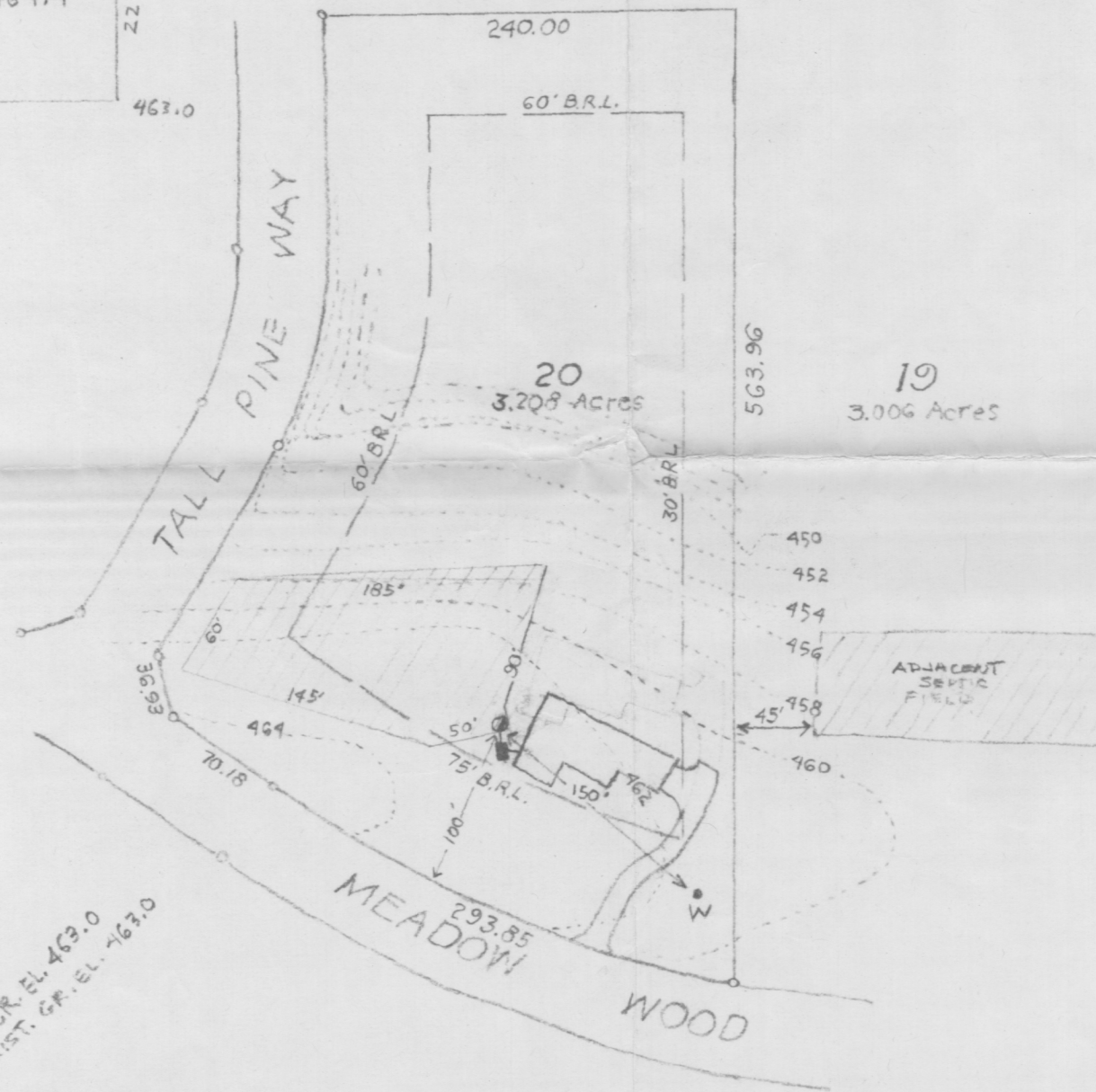
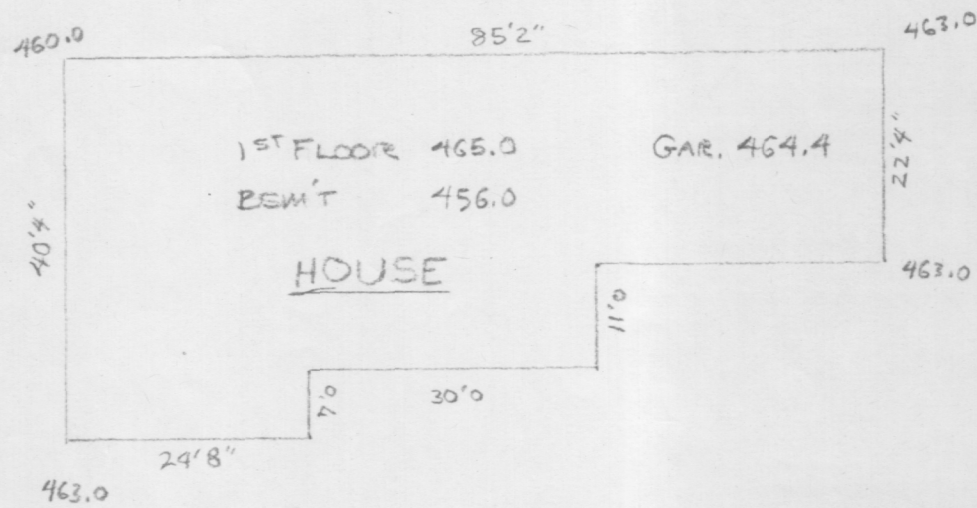
DRILLERS IDENT. NO. 238

DRILLERS SIGNATURE James L. Mayne

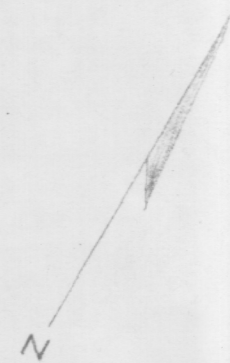
(MUST MATCH SIGNATURE ON APPLICATION)

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

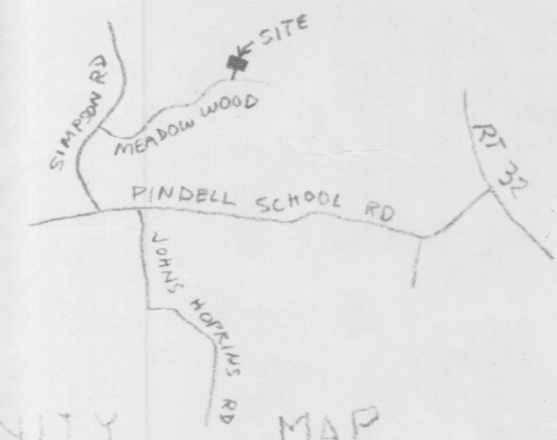
B 1		SEQUENCE NO. (WRA USE ONLY)	STATE OF MARYLAND WATER RESOURCES ADMINISTRATION TAWES STATE OFFICE BLDG., ANNAPOLIS, MARYLAND 21401 APPLICATION FOR PERMIT TO DRILL WELL		WRA PERMIT NUMBER HD-73-3708 FILL IN THIS FORM COMPLETELY.	
DATE RECEIVED (WRA USE ONLY) 9:30 AM 11/17/80		OWNER COL 15 LAST NAME <u>Landberg</u> STREET OR RFD COL 36 <u>Suite 304 - 308240 Peachtree Blvd</u> POST OFFICE COL 67 <u>Columbia Md.</u>		FIRST NAME COL 34 <u>Joe</u> COL 55 <u>21044</u> COL 76		
B 2		CONTINUED		B 3		
1 2 3 (SEQ. NO.) 6		1 2 3 (SEQ. NO.) 6		1 2 3 (SEQ. NO.) 6		
DATE <u>Sept. 26, 1980</u> FIRST NAME <u>Joseph L. Mayne</u> SIGNATURE <u>Joseph L. Mayne</u>		LICENSE NUMBER <u>238</u> DRILLER <u>Joseph L. Mayne</u> LAST NAME <u>Mayne</u>		LOCATION OF WELL COUNTY <u>Howard</u> (DO NOT ABBREVIATE COUNTY NAME) SUBDIVISION <u>Meadow Wood</u> SECTION <u>3</u> LOT <u>20</u> NEAREST TOWN <u>Hilltop</u> MILES FROM TOWN (ENTER 0 IF IN TOWN) <u>2 7/10</u>		
B 2		WELL INFORMATION		B 4		
1 2 3 (SEQ. NO.) 6		1 2 3 (SEQ. NO.) 6		1 2 3 (SEQ. NO.) 6		
MAXIMUM PUMPING RATE (GALLONS PER MINUTE) <u>3</u> AVERAGE DAILY QUANTITY NEEDED (GALLONS PER DAY) <u>750</u>		DIRECTION FROM TOWN (CIRCLE APPROPRIATE BOX) N NORTH E EAST NE NORTHEAST SE SOUTHEAST S SOUTH W WEST NW NORTHWEST SW SOUTHWEST HEAR WHAT <u>Meadow Wood Way</u> ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) <u>N</u> DISTANCE FROM ROAD (ENTER DISTANCE AND CIRCLE APPROPRIATE BOX) <u>450</u>		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.		
USE FOR WATER (CIRCLE APPROPRIATE BOX) ☒ HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY) ☐ FARMING, AGRICULTURE, IRRIGATION ☐ INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOVERNMENT ☐ MUNICIPAL WATER SUPPLY ☐ PRIVATE WATER COMPANY ☐ TEST		APPROXIMATE DEPTH OF WELL <u>200</u> FEET APPROXIMATE DIAMETER OF WELL <u>6</u> (NEAREST INCH) METHOD OF DRILLING USED (CIRCLE APPROPRIATE METHOD) BORED (OR AUGERED) JETTED DRIVEN 30-37 AIR-ROTARY AIR-PERCUSSION ROTARY (HYDRAULIC ROTARY) CABLE REVERSE-ROTARY DRIVE-POINT OTHER (DESCRIBE)		N <u>65'</u> casing <u>2'</u> above ground <u>53'</u> from <u>14'</u> large casing Meadow Wood Way Simpson Rd.		
REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX) ☒ THIS WELL WILL NOT REPLACE AN EXISTING WELL ☐ THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED ☐ THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY ☐ THIS WELL WILL DEEPEM AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (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> <u>71</u> <u>72</u> <u>73</u> <u>74</u> <u>75</u> <u>76</u> <u>77</u> <u>78</u> <u>79</u>		BOX NUMBER <u>820</u> <u>H80</u>		
B 4		HEALTH DEPARTMENT APPROVAL		B 5		
1 2 3 (SEQ. NO.) 6		1 2 3 (SEQ. NO.) 6		1 2 3 (SEQ. NO.) 6		
STATE HEALTH (CIRCLE BOX) <u>S</u> DATE <u>093080</u>		COUNTY NAME <u>Howard</u> COUNTY NO. <u>A26093</u> APPROVED BY <u>F. Frommelt, Sanitarian</u>		NORTH COORDINATE <u>487000</u> EAST COORDINATE <u>0822000</u> ELEVATION AT WELL HEAD (FEET) <u>65</u> <u>66</u> <u>67</u> <u>68</u>		
B 5		SPECIAL CONDITIONS 8-63		WRA USE ONLY		
1 2 3 (SEQ. NO.) 6		1 2 3 (SEQ. NO.) 6		1 2 3 (SEQ. NO.) 6		



SECTION THRU SEPTIC SYSTEM



6/10/81
 Sketch O.K.
 Septic System must
 be installed prior to
 building permit approval
 F.S.



VICINITY MAP

PROPOSED SITE PLAN - NELSON RESIDENCE		
DATE 4-2-81	DRAWN BY JF	APPROVED BY
SCALE 1/4" = 25'	REVISED	
LOT 20 SIMPSON WOODS SECTION III		
5TH ELECTION DISTRICT HOWARD CO., MD.		
		DRAWING NUMBER

APPLICATION

26073

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 June 8, 1977

SYSTEM 1st - if approved

(20)

Septic Tank (3) bedroom - 1000 gal
" " " " 1250 gal.

11' min Dry Well - 135 sq ft absorbent sidewall
area per bedroom to begin below the
permitted for S.W. is 10 ft below orig. grade. 180
Inlet @ 4" first 4' of orig. grade. 120 ft
Place Dry Well 100 ft from front lot line and 180 ft
from left side as seen from the front

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 Phase II Ltd. c/o Landborg, Inc.

ADDRESS 1000 Century Plaza, Columbia, Md. 21044 PHONE 730-0500

PROPERTY LOCATION:

SUBDIVISION Simpson Woods (Sect. 3)

LOT NO. 2, Block E

ROAD AND DESCRIPTION N.E. side of Simpson Rd.; 2000'± West of Pindell School Rd.

Fronting on Road "A"

SIZE OF LOT 40,000 square feet

TYPE BLDG. 3 or 5

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 Phase II Ltd., c/o Landborg, Inc.

APPROVED BY W. Manay L FOR S.W. DATE 6-4-80
(KIND OF SYSTEM)

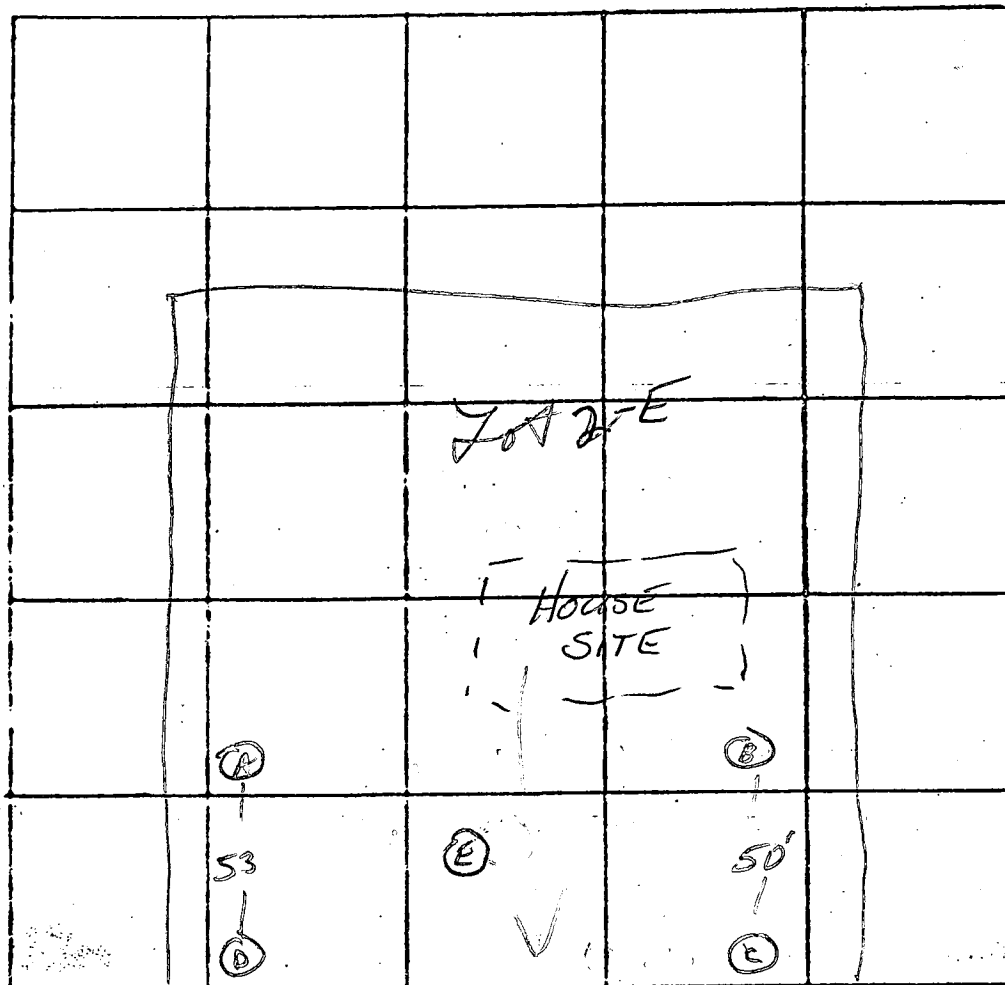
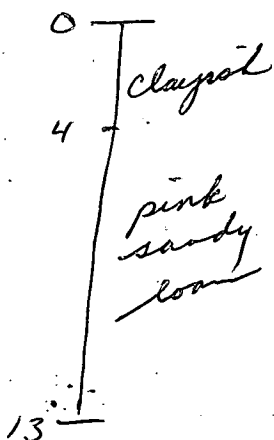
REJECTED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS WWZ DATE 7/14/77

REASONS FOR REJECTION OR HOLDING prelim. & final plots to field located, certified test holes.

THIS IS NOT A PERMIT

All holes



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.
ROAD

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
7/12/77	C	4 1/2	2:03	2:05	2:05	2:08	3
	C-1	12 1/2	2:03	2:12	2:12	2:36	24
	B	4	2:08	2:11	2:11	2:15	4
HIGH	B-1	13	2:08	2:20	2:20	2:36	16
	A	12	VISUAL;		SIMILAR		
LOW	D	4	2:53	2:56	2:56	3:02	6
	D-1	12 1/2	2:53	3:02	3:02	3:15	13
	E	12'	VISUAL;		SIMILAR		

27.
20
19
66

REMARKS system nr. B (30' to left of B) -> C; Inlet 4'; max depth 10'

TYPE OF SOIL Pinkish sandy loam

TESTED BY WNZ

ALSO PRESENT: Borg, Kettner Co.

APPLICATION

26094

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 June 8, 1977

$\bar{t} = 14 \text{ min}$
Inlet @ 3'

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 Phase II Ltd. c/o Landborg, Inc.

ADDRESS 1000 Century Plaza, Columbia, Md. 21044 PHONE 730-0500

PROPERTY LOCATION:

SUBDIVISION Simpson Woods (Sect. 3) LOT NO. 3, Block E

ROAD AND DESCRIPTION N.E. side of Simpson Rd.; 2000'± West of Pindell School Rd.
Fronting on Road "A"

SIZE OF LOT 46,000 square feet 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 Phase II Ltd, c/o Landborg, Inc.

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

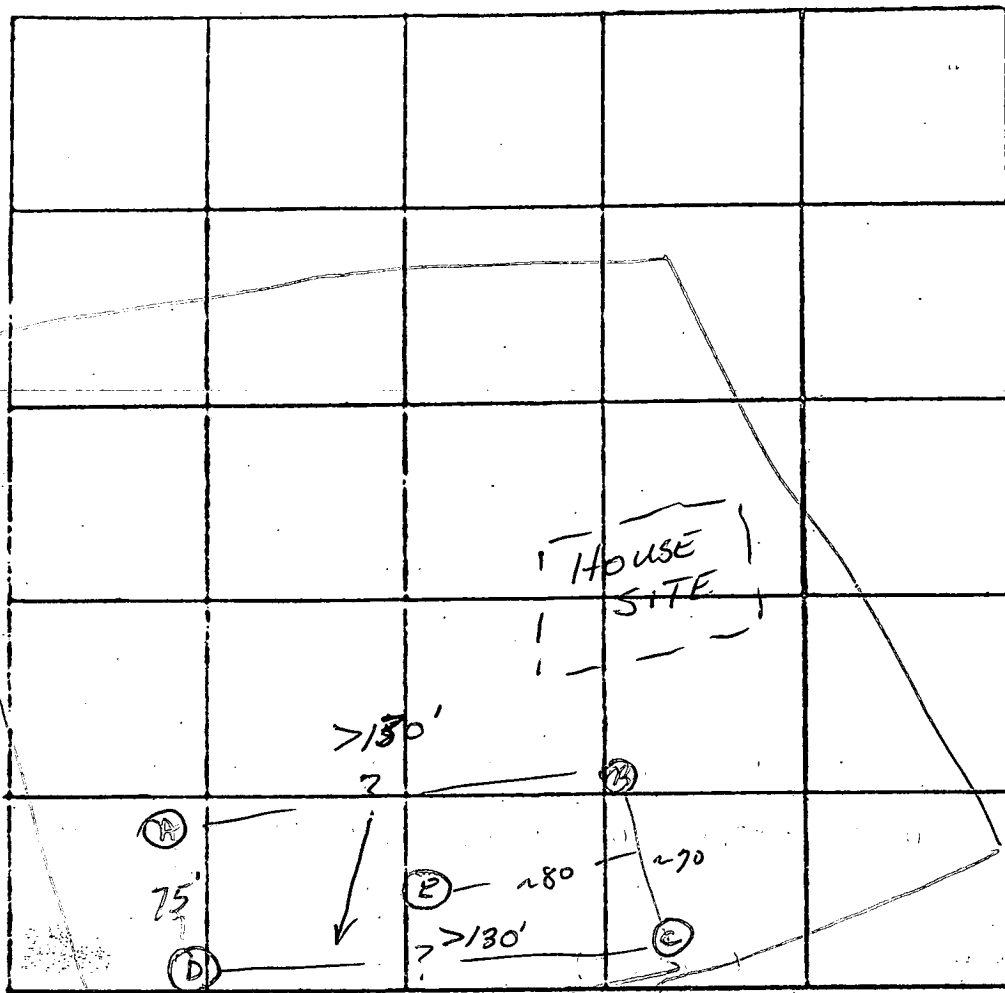
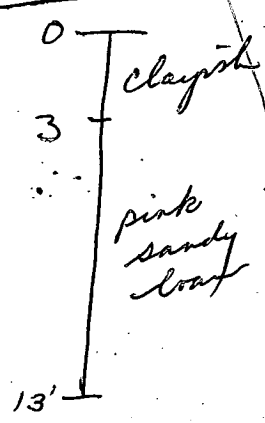
REJECTED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS WW2 DATE 7/14/77

REASONS FOR REJECTION OR HOLDING prelim & final plots w field located certified test holes.

THIS IS NOT A PERMIT

All holes



INDICATE NORTH NAME ADJOINING ROADWAY AS BASE LINE.

ROAD

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
7/12/77	C	4 1/2	1:39	1:42	1:42	1:50	8
	C-1	13	1:39	1:42	1:42	1:52	10
LOW	D	3	1:56	2:01	2:01	2:10	9
	D-1	13	1:56	2:02	2:02	2:25	23
HIGH	A	3 1/2	2:18	2:22	2:22	2:28	6
	A-1	12	2:18	2:30	2:30	2:56	26
	B	13	VISUAL; SIMILAR SOIL				
	E	13	VISUAL; SIMILAR SOIL				

18
32
32
14
6/82

REMARKS System in A → B; Inlet @ 3'; max depth 11'

TYPE OF SOIL sandy pink loam

TESTED BY NW2

ALSO PRESENT: Borg, Kuttner & Co.