

Approved

(GLW)

4 MAY 79 29719

A 24781

~~4/24/79~~
4/24/79
beach insp.

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH*

HOWARD COUNTY

05-380596

ELLICOTT CITY

DISTRICT 5th

DATE 4/9/79

INDEXED

Jim Brittingham IS PERMITTED TO INSTALL ALTER

ADDRESS 3004 N. Rogers Avenue, Ellicott City, Md. 21043 PHONE 461-1870

SUBDIVISION The Heritage ROAD 14214 DAY FARM Normanshire Circle LOT 29 Sec 2

PROPERTY OWNER Floyd Grayson MARYN J. Odesky

ADDRESS 2000 Century Plaza, Suite 245, Columbia, Md. 21044 PHONE: 997-1250

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 SQ. FT.

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

EFFECTIVE DEPTH AT FT. BELOW ORIGINAL GRADE.

LOCATE DISPOSAL AREA FT. FROM LOT LINE AND FT. FROM LOT LINE AS SEEN WHEN FACING LOT FROM

The sewage disposal field will begin at a point 120 feet from the front property line, and 20 feet from the right property line as seen from the road. The invert will enter the field at 4 feet below original grade and the maximum trench depth will not exceed 12 feet. The TRENCHES will have a total combined length of (4 bedrooms) 100 feet with no trench exceeding 100 feet in length.

Each trench will be 22 feet wide, contain 8 feet of stone and run parallel to each other, spaced 20 feet apart center-to-center. The trenches are to follow the contour of the land. Two (2) inspections are needed.

PLANS APPROVED BY Robert T. Morrefield DATE 2/19/77

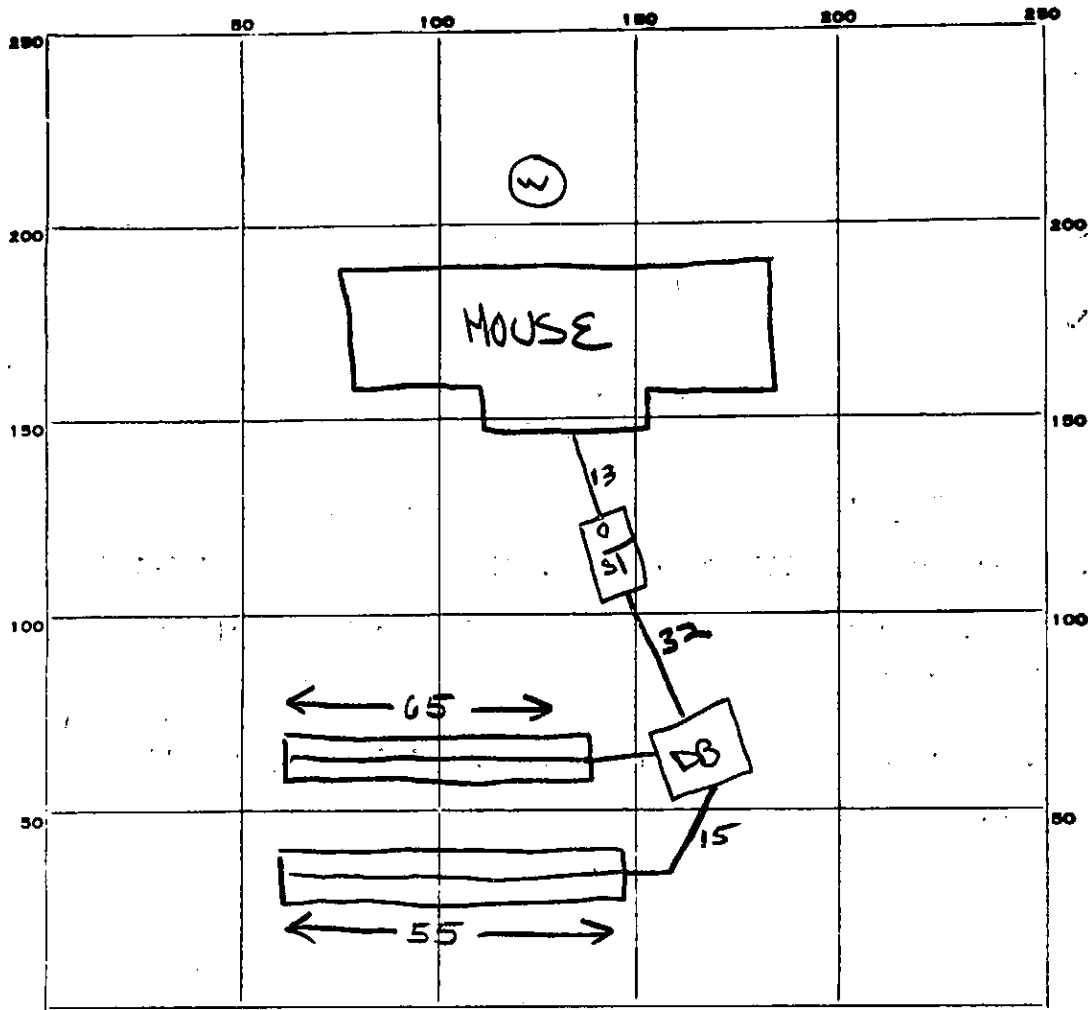
COVER NO WORK UNTIL INSPECTED AND APPROVED.
NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM.

- NOTE: IF TRENCH IS USED CALL FOR INSPECTION BEFORE PLACING GRAVEL IN TRENCH.
- NOTE: NO DRY WELL SHALL EXCEED 16 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 8 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA ACCEPTED.

BLDG. PERMIT SIGNED AND RETURNED 03/21/79
Serial # 53012
Addition Bedroom

A 24781

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



12.2
7
34.3
6.9
70.0

INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

DAY FARM

PERMIT CARD 4/24 5/4
 SEPTIC TANK, LEVEL seen 1250 tapered CLEANOUTS ST terracotta
 DISTRIBUTION BOX, LEVEL 2x2x1 Needs baffle
 TILE FIELD, DEPTH 1 1/2 AVG. FT. TRENCH WIDTH 2 FT.
 GRAVEL DEPTH 4 → 1 1/2 7 1/2 * TOTAL LENGTH ± 120 FT.
 NUMBER OF TRENCHES 2 TOTAL 1/2 SW BOTTOM AREA + 900 ± 900
 SEEPAGE PITS, INSIDE DIAMETER Na FT. DEPTH BELOW INLET _____ FT.
 ABSORBENT AREA _____ SQ. FT.

REMARKS 24 Apr 79 - Call for final when all sewers, cleanouts, distrib. box baffle are installed & when gravel/pipe is added to trench (GK)
4 MAY 79 - House sewer covered - warning given. Water test performed + cast iron at septic inlet - house connection made. Final OK (GK)

DATE SYSTEM APPROVED 4 MAY 79 INSPECTOR G. Keller

APPLICATION

24781
A 21207

SEWAGE DISPOSAL TESTING

P _____

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

DISTRICT 5

P. O. BOX 475, ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 465-5000, EXT. 356

DATE 3/12/75

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 Walgrow Joint Venture Company

ADDRESS _____ PHONE _____

Any questions call:
Mr. Schneider
465-7777

PROPERTY LOCATION:

SUBDIVISION Walgrow Estates LOT NO. 34

ROAD AND DESCRIPTION Normanshire Circle

SIZE OF LOT approx. 1 acre TYPE BLDG. 3 or 4

IF NOT SINGLE RESIDENCE DESCRIBE _____
NUMBER OF BEDROOMS
(Single Fmly. Dwllg.)

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

SIGNATURE OF APPLICANT /s/ John Schneider

APPROVED BY _____ FOR _____ DATE _____

(KIND OF SYSTEM)

REJECTED BY _____ FOR _____ DATE _____

(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

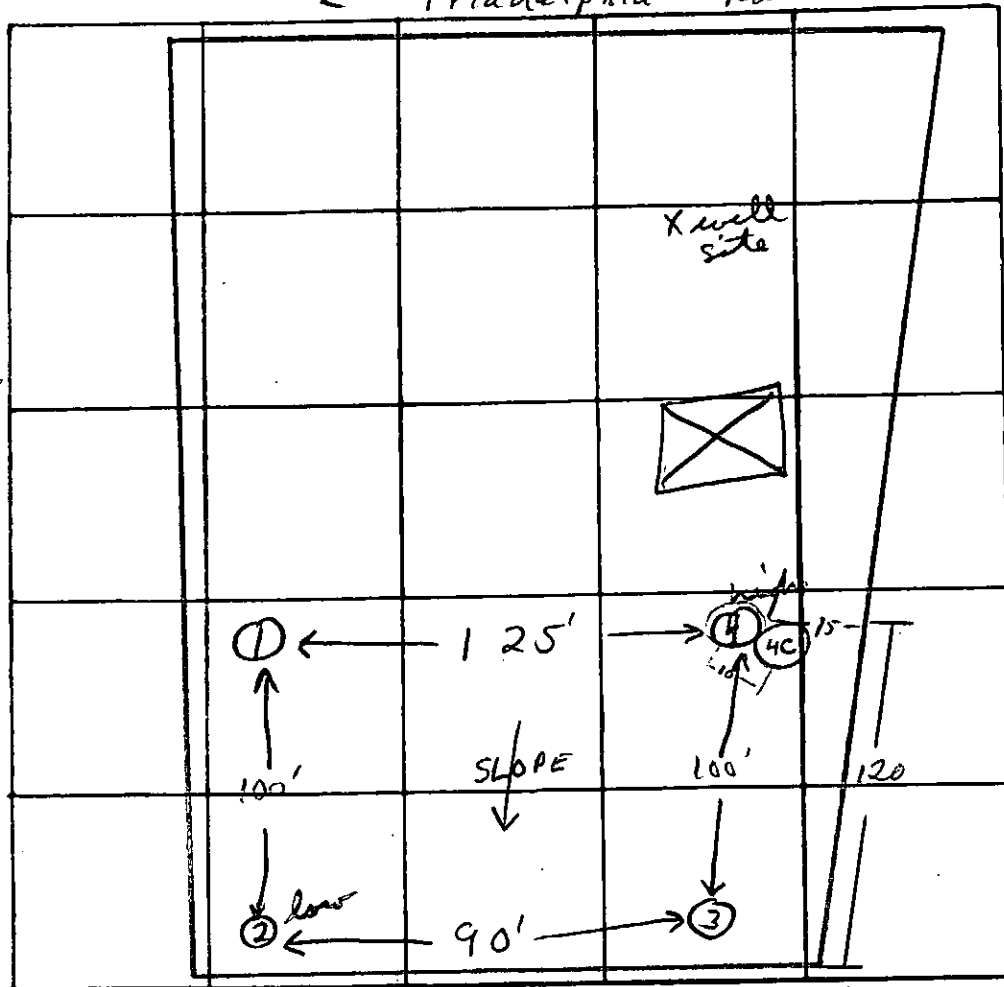
THIS IS NOT A PERMIT

← Triadelphia Rd →

LOT 28

29

all holes
 0' reddish clay
 3' mixed
 5' Silty loam
 12'



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE
 NORMANSHIRE CIRCLE

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3/21/75	1	12'	Visual	clay to 5'	silty loam	below	
	2 low	4 1/2'	2:47	2:51	2:51	2:55	4 min
	2A	11 1/2'	2:47	2:55	2:55	3:08	13 min
	3	4 1/2'	3:11	3:13	3:13	3:18	5 min
	3A	12'	3:11	3:17	3:17	3:26	9 min
	4	5'	3:24	pulled pag 3:34 no movement			
	4A	12'	3:16	3:23	3:23	3:32	9 min
	4B	6'	3:57	4:03	4:03	4:10	7 min
Rm 4/17	4C	14 1/2'	dry		loam		

REMARKS

TYPE OF SOIL

clay horizon to 4-5' silty loam below

TESTED BY

F.S.

ALSO PRESENT:

J. Bittlingham

C 1 **5352** SEQUENCE NO. (WRA USE ONLY)

1 2 3 (SEQ. NO.) 6
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 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) 11/9/78 DEPTH OF WELL 145 PERMIT NO. FROM "PERMIT TO DRILL WELL" 00-73-3024

DATE WELL COMPLETED 11/9/78 (TO NEAREST FOOT) 22 26

8-13 15 20 DRILLERS IDENTIFICATION NO. 209

OWNER CRAYSON LAST NAME Floyd FIRST NAME

STREET OR RFD 2000 Century Plaza POST OFFICE Columbia, Md. 21044

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	
Mica Sand	0	38	
Mica Rock	38	145	X

GROUTING RECORD

WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX) YES NO

TYPE OF GROUTING MATERIAL (CIRCLE BOX)*

CEMENT BENTONITE CLAY

NO. OF BAGS 12 NO. OF POUNDS 1140

GALLONS OF WATER 96

DEPTH OF GROUT SEAL (TO NEAREST FOOT)

FROM 0 FT. TO 35 FT.

CASING RECORD

INSERT APPROPRIATE CODE BELOW

STEEL CONCRETE

PLASTIC OTHER

MAIN CASING TYPE

NOMINAL DIAMETER TOP (MAIN) CASING (NEAREST INCH) 6

TOTAL DEPTH OF MAIN CASING (NEAREST FOOT) 38

OTHER CASING (IF USED)

DIAMETER (INCH) _____ DEPTH (FEET) FROM _____ TO _____

SCREEN RECORD

INSERT APPROPRIATE CODE BELOW

STEEL BRASS OR BRONZE OPEN HOLE

PLASTIC OTHER

DEPTH (NEAREST WHOLE FOOT)

FROM _____ TO _____

1 8 9 11 15 17 21

2 _____ _____ _____ _____ _____ _____

3 23 24 26 30 32 36

_____ 38 39 41 45 47 51

SLOTSIZE 1. _____ 2. _____ 3. _____

DIAMETER OF SCREEN _____ (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)

TELESCOPE CASING LOG INDICATOR

70 72 74 75 76 OTHER DATA AVAILABLE

PUMPING TEST

HOURS PUMPED (TO NEAREST HOUR) 6

PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON) 10

METHOD USED TO MEASURE PUMPING RATE TIME

WATER LEVEL: (DISTANCE FROM LAND SURFACE)

BEFORE PUMPING 35 (NEAREST FOOT)

WHEN PUMPING 100 (NEAREST FOOT)

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

AIR PISTON TURBINE

CENTRIFUGAL ROTARY OTHER (DESCRIBE BELOW)

JET SUBMERSIBLE

PUMP INSTALLED

TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX - SEE ABOVE: A, C, J, P, R, S, T, O) 29

DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX) YES NO

CAPACITY:

GALLONS PER MINUTE (TO NEAREST GALLON) _____

PUMP HORSE POWER _____

PUMP COLUMN LENGTH (NEAREST FOOT) _____

CASING HEIGHT (CIRCLE APPROPRIATE BOX AND ENTER CASING HEIGHT)

ABOVE } LAND SURFACE

BELOW } _____ (NEAREST FOOT)

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).

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.

DRILLERS NAME

(PLEASE PRINT) Howard Dillon

SIGNATURE Howard Dillon

B 1 **5043** SEQUENCE NO. (WRA USE ONLY)

1 2 3 4 (SEQ. NO.) 6
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND
WATER RESOURCES ADMINISTRATION
TAWES STATE OFFICE BLDG., ANNAPOLIS, MARYLAND 21401
APPLICATION FOR PERMIT TO DRILL WELL

WRA PERMIT NUMBER
HO-73-3024

FILL IN THIS FORM COMPLETELY

DATE RECEIVED (WRA USE ONLY)
11/9/78
9:30 A.M.

OWNER **GRAYSON** COL 15 LAST NAME **FLOYD** FIRST NAME COL. 34

STREET OR RFD **2000 CENTURY PLZ.** COL 36 COL. 55

POST OFFICE **COLUMBIA MD 21044** COL 57 COL. 76

B 1 CONTINUED DRILLER INFORMATION

1 2 3 (SEQ. NO.) 6

DATE **10/19/78** LICENSE NUMBER **209** COL 77 COL. 80

FIRST NAME **HOWARD** DRILLER LAST NAME **DILLON**

SIGNATURE *Howard Dillon*

B 3 LOCATION OF WELL

1 2 3 (SEQ. NO.) 6

COUNTY **HOWARD** COL 8 COL. 21
 (DO NOT ABBREVIATE COUNTY NAME)

SUBDIVISION **HERITAGE** COL 23 COL. 42

SECTION **105** LOT **29** COL 44 COL. 50

NEAREST TOWN **GREENEBURG** COL 52 COL. 71

MILES FROM TOWN (ENTER 0 IF IN TOWN) **3** COL 73 COL. 76 77 78

B 2 WELL INFORMATION

1 2 3 (SEQ. NO.) 6

MAXIMUM PUMPING RATE (GALLONS PER MINUTE) **5** COL 8 COL. 12

AVERAGE DAILY QUANTITY NEEDED (GALLONS PER DAY) **300** COL 14 COL. 20

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 } MUST HAVE STATE HEALTH DEPT. APPROVAL

PRIVATE WATER COMPANY }

TEST

B 4 DIRECTION FROM TOWN (CIRCLE APPROPRIATE BOX)

1 2 3 (SEQ. NO.) 6

NORTH EAST NE NORTHEAST SE SOUTHEAST

SOUTH WEST NW NORTHWEST SW SOUTHWEST

NEAR WHAT ROAD **DAY FARM** COL 8 COL. 9

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) NORTH SOUTH EAST WEST COL 11 COL. 30

DISTANCE FROM ROAD (ENTER DISTANCE AND CIRCLE APPROPRIATE BOX) **100** COL 34 COL. 37 38 39

APPROXIMATE DEPTH OF WELL **250** FEET COL 24 COL. 28

APPROXIMATE DIAMETER OF WELL **6** (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)

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.

REPLACEMENT OR DEEPEINED 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 DEEPEIN AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEINED (IF AVAILABLE)

41 COL 41 COL. 52

BURNTWOODS

DAY FARM

ADJECTIVE

11/9/78

13 Bags of Cement

30' Well & seal

40' Well Case

No house plans this date

No septic

No house

ok C.B.D.

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

APPROPRIATION PERMIT NUMBER **54** COL 54 COL. 65

ENGINEER REVIEW DISTRICT NO. **63** COL 63 COL. 65

FORCE **67** COL 67 COL. 68

CONDITIONS **70 71 72 73 74 75 76 77 78 79**

BOX NUMBER **790** COL 59 COL. 65

520 COL 59 COL. 65

NORTH COORDINATE **53 1000** COL 52 COL. 55

EAST COORDINATE **00 00 00** COL 57 COL. 63

ELEVATION AT WELL HEAD (FEET) **0/0** COL 65 COL. 68

B 4 CONTINUED HEALTH DEPARTMENT APPROVAL

1 2 3 (SEQ. NO.) 6

STATE HEALTH (CIRCLE BOX) **S** COL 41 COL. 48

COUNTY NAME **Howard** COUNTY NO. **W29091**

DATE **10 23 78** COL 43 COL. 48

APPROVED BY **Donald W. Monaghan, Sanitarian**

B 5 SPECIAL CONDITIONS 8-63 (WRA USE ONLY)

1 2 3 (SEQ. NO.) 6

LOT 29

PERIMETER DIKE
(12.03)

PROP. WELL LOC.
EL. 191.4

BURKE 2
2 CAR GARAGE
FIRST FL. EL. 190.70
BASE EL. 181.80
INV. @ HOUSE 184.50

13° 37' 18" E

307.74'

318.19'

13° 02' 20.4" E

EX. 20' DRAINAGE & UTILITY EASEMENT

EX. RIP RAP DITCH

EX. 21" D

EX. 15" D

L = 63.97'
R = 325.00'
L = 255.92'

104.34'

54.29'

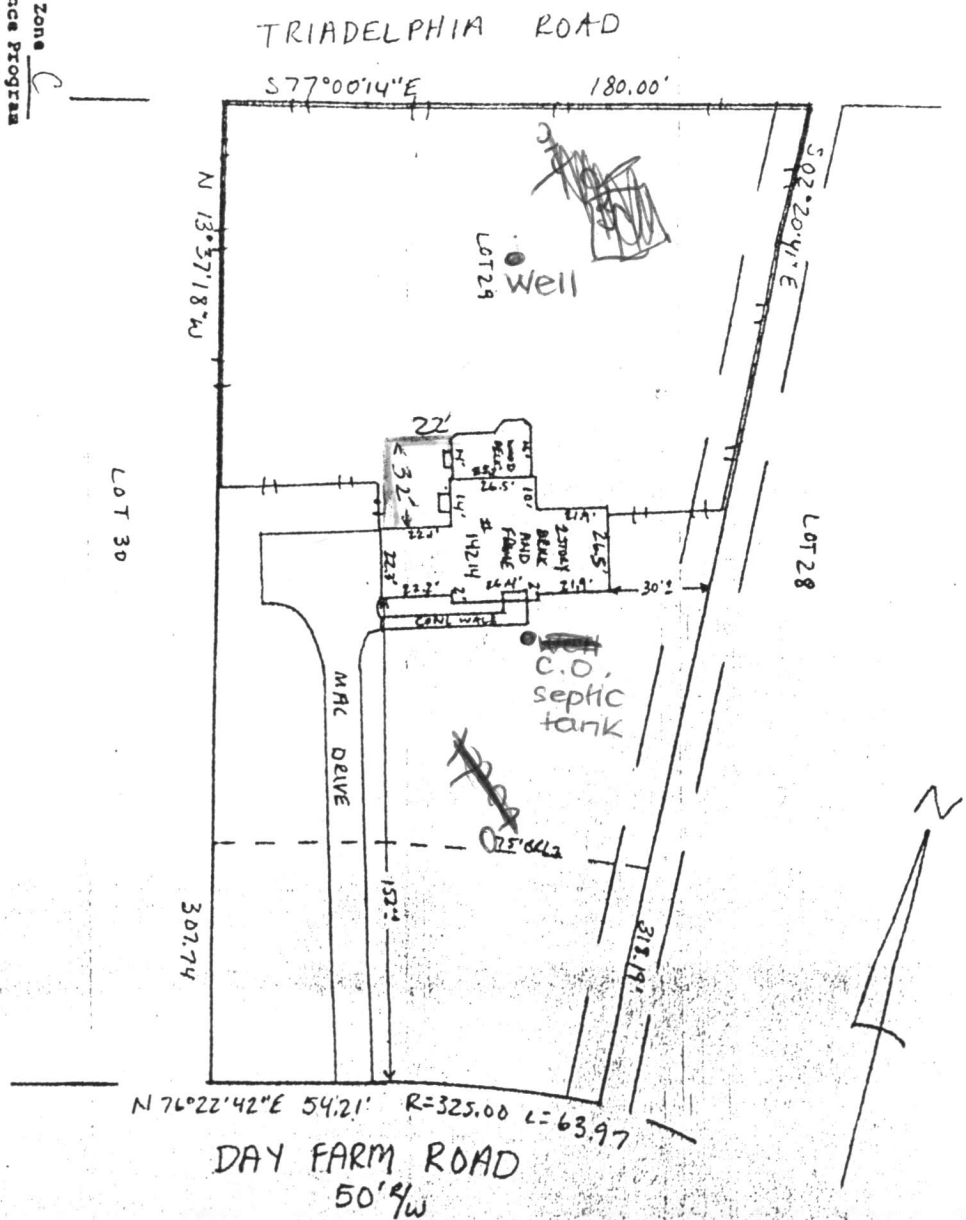
Day Farm Road

app
12-14-78

D

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.
- 9.

3/21/94 Proposed addition shows no impact to existing well and septic area. DKS



Subject property is shown in Zone C on the National Flood Insurance Program Flood Insurance Rate Map of HOWARD County, Maryland. Panels 20 OF 45 Community Panels 240044 00208 Effective Date: DECEMBER 4 1986

This is to certify that I have surveyed the property known as LOT 29 AS SHOWN ON A PART ENTITLED THE HERITAGE SEGMENT 1 AREA 1 sheet - of - recorded AS PART 3778 among the Land Records of HOWARD County, Maryland for the purpose of locating the improvements thereon.

THIS PLAT SHOWS ONLY THAT THE IMPROVEMENTS ARE CONTAINED WITHIN THE OUTLINES OF THE LOT AND IS NOT TO BE USED TO ESTABLISH PROPERTY LINES.



J. Carl Hudgins PLS#96

LOCATION SURVEY
 14214 DAY FARM ROAD
 THE HERITAGE

NTT ASSOCIATES, INC.
 16205 Old Frederick Road
 Mt. Airy, Maryland 21771
 Phone 442-2031

Scale 1"=60'
 Date 12-14-93
 Field By DKN
 Drawn By DKN
 Drawing # REC 4122