

9/15/78
9/27/78

File

PERMIT

P 28796
A 28796
21229

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH*

HOWARD COUNTY

05-380677

ELLICOTT CITY

DISTRICT 5th

INDEXED

DATE 9/5/78

Costell Bldrs

Jim Brittingham IS PERMITTED TO INSTALL ALTER

ADDRESS 30044N. Rogers Avenue, Ellicott City, Md. 21043 PHONE 461-1870

SUBDIVISION The Heritage ROAD 14233 Day Farm Road LOT 36

PROPERTY OWNER Grayson Homes

ADDRESS 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

9E11
DRY WELL AND TRENCH - Locate the dry well 160 ft. from the front property line and 20 ft. from the left property line as seen from the road. The invert will enter the dry well at 4 ft. below original grade and the maximum depth of the dry well will not exceed 10 ft. below original grade. The dry well will be constructed 14' x 14' square for a sidewall area of 336 sq. ft. Begin the trench after a 5 ft. earth buffer. The trench will be 2 ft. wide, 10 ft. deep, 50 ft. long and contain 6 ft. of stone. The trench will follow the contour of the land.

PLANS APPROVED BY Donald W. Monaghan DATE 3/26/75

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.

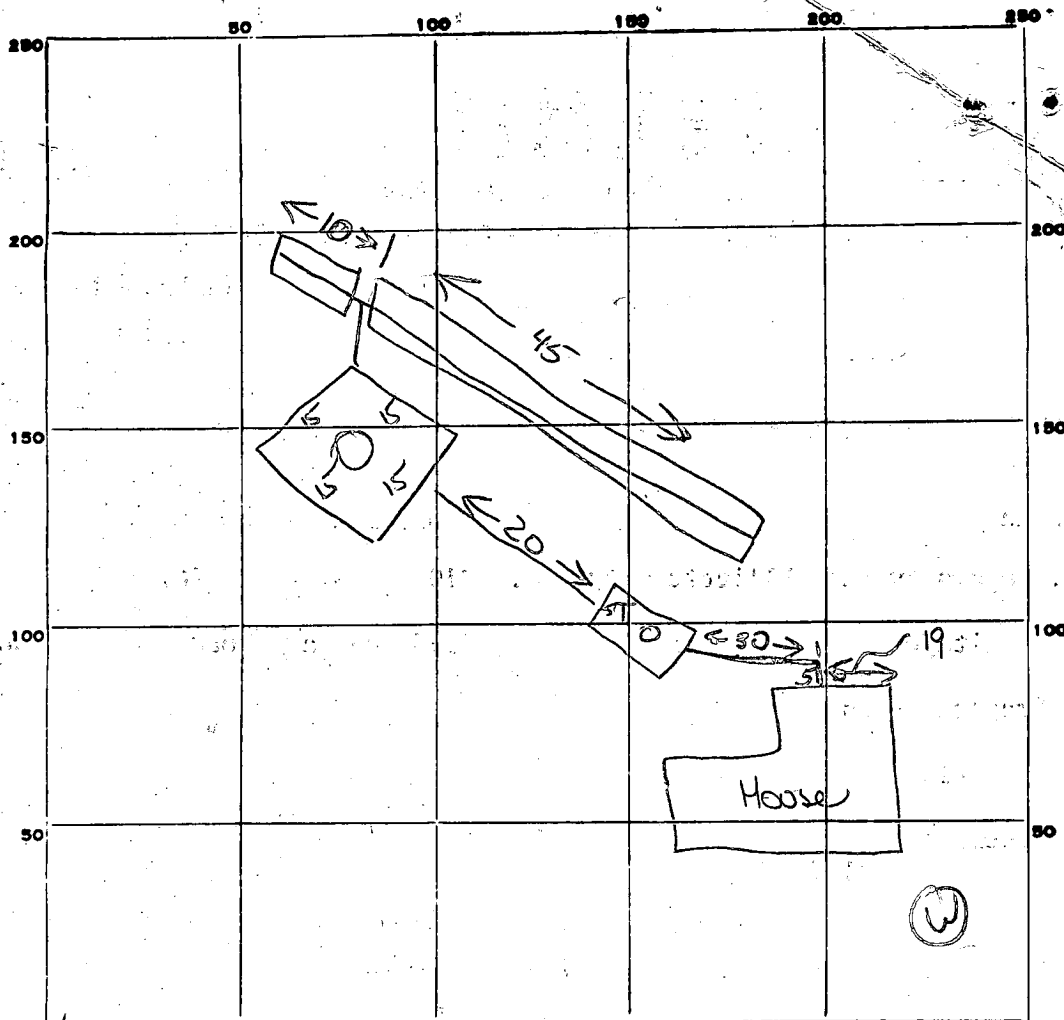
NOTE: ALL PIPE FROM HOUSE TO DISPOSAL AREA MUST BE CAST IRON.

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.

28796
A 21229



36

B.P.# 34611

INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

PERMIT CARD ✓ Molson DAY FARM RD

ST	OW
✓	✓

terracotta

SEPTIC TANK, LEVEL 1250 CLEANOUTS ✓ ✓

DISTRIBUTION BOX, LEVEL No.

TILE FIELD, DEPTH 10 FT. TRENCH WIDTH 2 FT.

GRAVEL DEPTH 6 IN. TOTAL LENGTH 55 FT. ± 33.0

NUMBER OF TRENCHES 1 TOTAL BOTTOM AREA 1250

SEEPAGE PITS, ^{perimeter} INSIDE DIAMETER 60 FT. DEPTH BELOW INLET 6 FT. ± 360

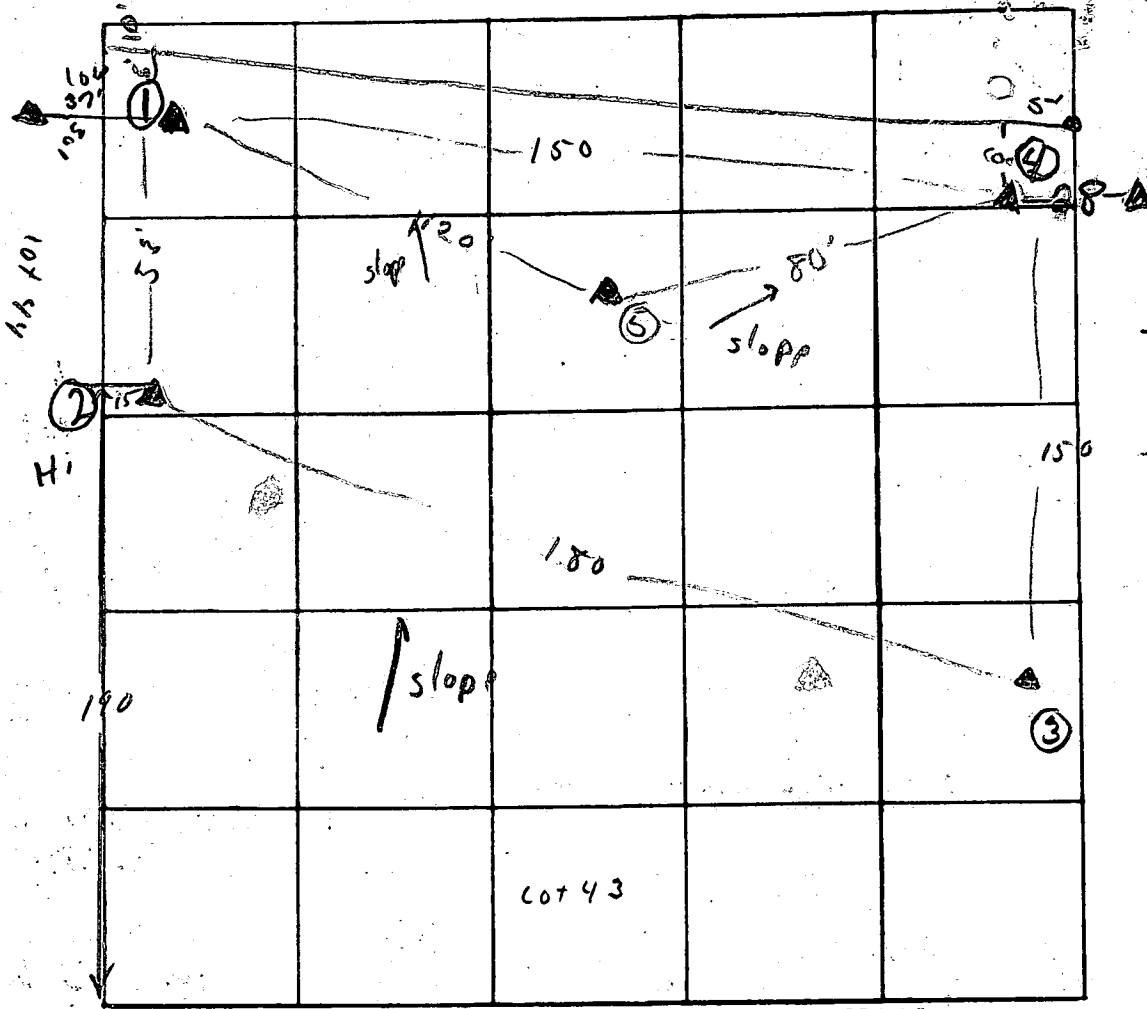
ABSORBENT AREA 690 SQ. FT.

REMARKS 15 Sept 78 - Trench slightly downhill. Call for final when gravel is added to dry well + trench. Be sure distribution pipe in trench is level. (GLK) 9/27/78 Stones in trench + dry well; paper on trench to 4'-4 1/2' of grade.
C.B.D.

DATE SYSTEM APPROVED 9/27/78 INSPECTOR C. B. Starker
no per above

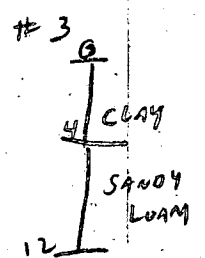
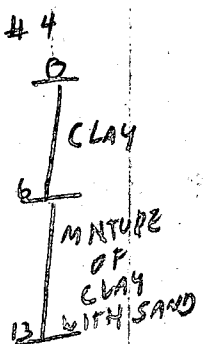
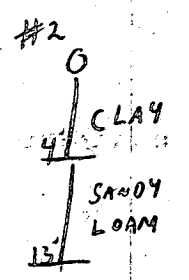
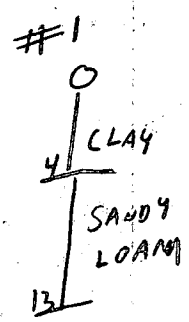
Lot 43

A 21229



43
36

N



DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3/26/95	1s	4'	12:00	12:12	12:12	12:25	13
3/26/95	1d	13'	12:00	12:15	12:15	12:30	15
"	2s	4'	12:05	12:08	12:08	12:17	9
"	2d	13'	12:05	12:10	12:10	12:21	11
"	4s	6'	12:40	12:45	12:45	12:55	10
"	4d	13'	12:40	12:45	12:45	12:57	12
"	3	12'	SAME	VISUAL	-	-	-
"	5	11'	Visual				

5-0 clay loam
-5 sandy loam
-11

REMARKS _____

TYPE OF SOIL _____

TESTED BY 264-ON ALSO PRESENT: _____

C 1 5825 SEQUENCE NO. (WRA USE ONLY)

1 2 3 (SEQ. NO.) 6
 (THIS NUMBER IS TO BE PUNCHED IN COLUMNS 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 IN 30 DAYS AFTER WELL COMPLETE.

FILL IN THIS FORM COMPLETELY

COUNTY NUMBER A 21229

DATE RECEIVED (WRA USE ONLY) 2/6/78

DEPTH OF WELL 150

DATE WELL COMPLETED 15 20

22 (TO NEAREST FOOT) 26

PERMIT NO. FROM "PERMIT TO DRILL WELL"
MO-73-2559

28 29 30-31 32 33 34 35 36-37

DRILLERS IDENTIFICATION NO. 209

OWNER GRAYSON LAST NAME Floyd FIRST NAME lot 36

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

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	
Mica Soil	0	25	
Mica Rock	25	150	X

GROUTING RECORD

WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX) YES NO

TYPE OF GROUTING MATERIAL (CIRCLE BOX)

CEMENT BENTONITE CLAY

NO. OF BAGS 61 NO. OF POUNDS 570

GALLONS OF WATER 48

DEPTH OF GROUT SEAL (TO NEAREST FOOT)

FROM 0 FT. TO 23 FT.

(ENTER 0 IF FROM SURFACE)

CASING RECORD

CASING TYPES

INSERT APPROPRIATE CODE BELOW

STEEL CONCRETE

PLASTIC OTHER

MAIN CASING TYPE S NOMINAL DIAMETER TOP OF MAIN CASING (NEAREST INCH) 6 TOTAL DEPTH OF MAIN CASING (NEAREST FOOT) 25

OTHER CASING (IF USED)

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

SCREEN RECORD

SCREEN TYPE OR OPEN HOLE

INSERT APPROPRIATE CODE BELOW

STEEL BRASS OR BRONZE OPEN HOLE

PLASTIC OTHER

DEPTH (NEAREST WHOLE FOOT)

FROM _____ TO _____

1 2 3 (SEQ. NO.) 6

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 (NEAREST INCH) FROM _____ TO _____

GRAVEL PACK _____

IF WELL DRILLED WAS A FLOWING WELL (CIRCLE BOX) F

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

TELESCOPE CASING LOG INDICATOR OTHER DATA AVAILABLE

PUMPING TEST

HOURS PUMPED (TO NEAREST HOUR) 6

PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON) 7

METHOD USED TO MEASURE PUMPING RATE TIE

WATER LEVEL: (DISTANCE FROM LAND SURFACE)

BEFORE PUMPING 35 (NEAREST FOOT)

WHEN PUMPING 100 (NEAREST FOOT)

TYPE OF PUMP 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)

DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX) YES NO

CAPACITY: GALLONS PER MINUTE (TO NEAREST GALLON) 31 35

PUMP HORSE POWER 37 41

PUMP COLUMN LENGTH (NEAREST FOOT) 43 47

CASING HEIGHT (CIRCLE APPROPRIATE BOX AND ENTER CASING HEIGHT)

ABOVE LAND SURFACE 2 (NEAREST FOOT)

BELOW

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 Howard Dillon

(PLEASE PRINT) Howard Dillon

SIGNATURE Howard Dillon

EX. 18" D

EX. MOUNTABLE CURB

EX. PAVING

EX. 27" D

L=681.56

205.70'

170

169°

54' WELL

PROP. WELL
EL. 171.5
(EX. EL. 168.0)

102' WELL

FIRST FL. EL. 175.50 GAR
BASEMENT EL. 167.23
INV. @ HOUSE 165.90

174

73°

73.6

73.8

74.5

19'

58' R. 20

70.8

172

170

NO GRADING THIS AREA

PROP. 1250 GAL. S.T.
INV. 164.80

35' INV. 164.20

ELEVATION PERC. TEST 168.20

RECORDED DISPOSAL AREA

RECORDED

LOT 36

170.00'

S 32° 13' 33" E

252.12'

S 27° 44' 04" E 261.66'

EXISTING 30" DRAIN

5

6

7

170

172

174

176

178

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