

3-19-87
3/20/87
A1

81-1177

PERMIT

P 38941

SEWAGE DISPOSAL SYSTEM

A 19997

MARYLAND STATE DEPARTMENT OF HEALTH*

DISTRICT 5th

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

DATE 3/16/87

INDEXED

DATE SYSTEM APPROVED 3-20-87

INSPECTOR S. Abel

Circle Plumbing and Heating Company, Inc. IS PERMITTED TO INSTALL INSTALL ALTER
ADDRESS 1237 Ten Oaks Road, Baltimore, Maryland 21227 PHONE 242-7233
SUBDIVISION Highland Lakes ROAD 6652 Prestwick Dr. LOT 32, Sec. 1
PROPERTY OWNER Charles Fountain
ADDRESS _____

IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 22%.

GARBAGE GRINDER? YES _____ NO

SEPTIC TANK CAPACITY 1600 GALLONS NUMBER OF BEDROOMS 4

TRENCHES - 160 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 3 1/2 feet below original grade. Bottom maximum depth 7 1/2 feet below original grade. Effective area begins at 3 1/2 feet below original grade. 4 feet of stone below distribution pipe.
LOCATION - Start the first trench 160 feet from the front lot line and 45 feet from the left lot line as seen when facing the property from Prestwick Drive. Run trench(s) along leve ground toward left-front part of lot.
NOTE - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. ok/cw

BLDG. PERMIT SIGNED
AND RETURNED W. J. [Signature]
Serial # 57253

PLANS APPROVED BY C. Williams

DATE 5/28/85

COVER NO WORK UNTIL INSPECTED AND APPROVED.

Entrance Well Sign

- NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM.
- NOTE: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS.
- NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E., TANK, DISTRIBUTION BOX, TRENCHES) TO BE 100 FEET FROM WELL (UNLESS OTHERWISE SPECIFICALLY AUTHORIZED)
- NOTE: IF DEEP TRENCHES ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCHES.
- NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH.
- NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 40 PVC OR ABS
- PERMIT VOID AFTER TWO 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 OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED.
- NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES.

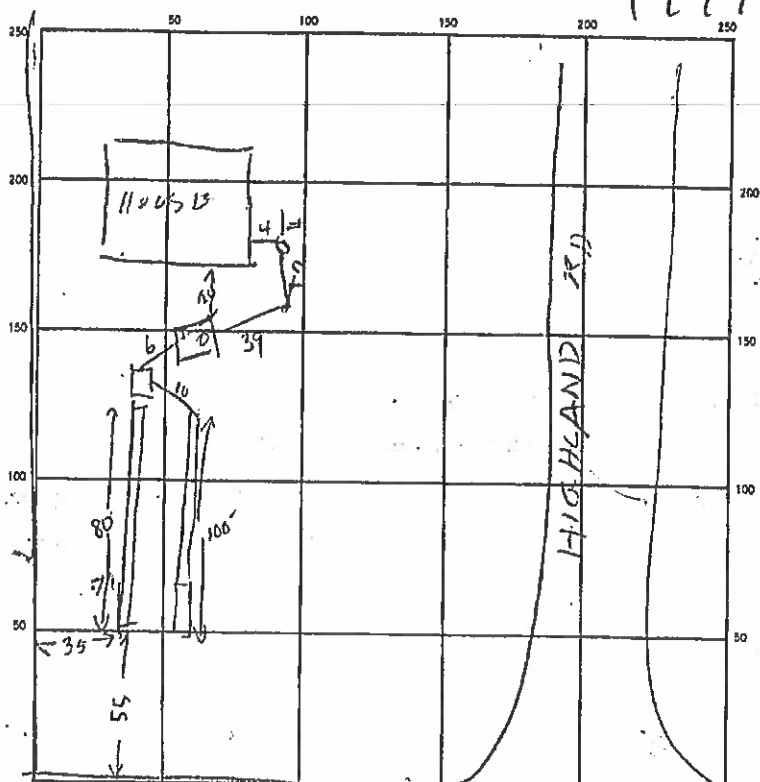
*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1186

A 19997
76667

19997



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SEPTIC TANK LEVEL 1500 (TOP COVER 3 FT DEEP) 51 CLEANOUTS OK MANHOLE ALSO

DISTRIBUTION BOX LEVEL OK

DRAIN FIELD/TILE FIELD, DEPTH #1 7.5 FT. TRENCH WIDTH #1 2 FT. INLET DEPTH #1 3.5 FT.

EFFECTIVE GRAVEL DEPTH #1 4 FT. TOTAL LENGTH #1 180 FT.

NUMBER OF TRENCHES 2 ONE SIDEWALL BOTTOM AREA 720 SQ. FT.

DRYWELL INSIDE DIAMETER — FT. EFFECTIVE DEPTH BELOW INLET — FT.

ABSORBENT AREA 720 SQ. FT.

REMARKS 3/19/87 - TRENCH #1 DUG - ADD STONE, COVER TRUNK DIG
TRENCH #2 3/19/87 240' - OK TO COVER TRENCH #1,
FINISH DIGGING TRENCH #2 & ADD STONE & CAL.
3-20-87 OK TO COVER

DATE SYSTEM APPROVED 3-20-87 INSPECTOR S. HOLL

Highland Lake Final # 32 A-19994
 Jenkins Survey over for spec

4/6/77

Highland

HO-81-1034

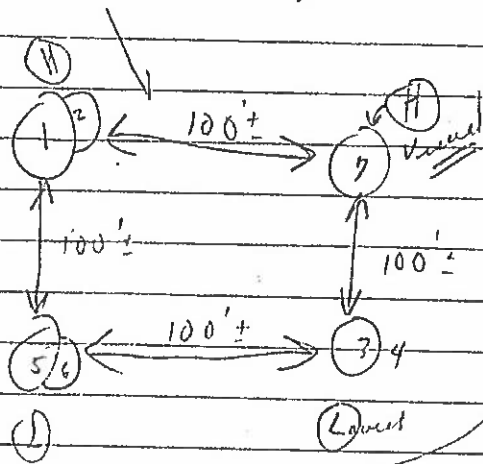
20' quit: 250' #1 dry hole filled
 " 250' #2 " "
 " 200' #3 " casing remains in #3
 9-6-85 C.W./J.S.

Point obliquely by Kelly after 3 days later

P.S. 216

shale 5'-20'
 Gray Rock 40-200'

160 yd ft.
 under 3 1/2'



	Depth	Start	Stop	Final	Time	Remarks	
4/6/77	3 1/2'	10:52	10:54	11:01	7 min	High grass	
1	13' ±	10:52	10:54	10:59	5 min	Outcrop holes	
2	3 1/2'	10:38	10:42	10:47	5 min	(Loam particles)	
3	17 1/2'	10:38	10:41	10:48	9 min	(Loam below clay)	
4	3 1/2'	10:30	10:35	10:49	14 min	2 in	
5	12 1/2'	10:30	10:32	10:36	4 min		
6	12 1/2'	Final similar to then (Mr. Kirk Young)				6 1/2 min	Engineer of T.F.L.

Spec. 1
 then 2 2

Present
 Kitterman

#32

Hydro system
P.W.M.
D.W.M.

Syphon tank { 1-3 Bedroom 1100 gal
4 Bedroom 1250 gallon

① Dry well to have 160 sq ft effective
absorbent sidewall area per bedroom
below inlet should be 3 1/2' below
original grade and maximum depth 12'
Wheaton per-impervious platt;

② Off dry well & trench work: need:

- ① 5' earth buffer between
trench & dry well.
- ② 2 inspections of trench
before and ~~and~~ after
stand in.

approved by - P.W.M. [spec/c.r.d.]

* Dry well, 4/01
Dry well & trench

