

10/9/90 ASAP

TRAPID-03-315606

File

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

P 46390
A 42202
DISTRICT 3rd
DATE 9/21/90
DATE SYSTEM APPROVED 10/9/90
INSPECTOR C.B.D.

INDEXED

Frall Septic Service IS PERMITTED TO INSTALL ALTER
ADDRESS P. O. Box 659, Mount Airy, Maryland 21771 PHONE 795-5674
SUBDIVISION Second Discovery ROAD 12731 Maryvale Court LOT 12
PROPERTY OWNER Mr. Roy Neary
ADDRESS _____

~~IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 25%~~

GARBAGE GRINDER YES NO

SEPTIC TANK CAPACITY 1250 GALLONS NUMBER OF BEDROOMS 4

TRENCHES - 240 sq. ft. per bedroom. Trench to be 3 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 6 feet below original grade. Effective area begins at 4 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Start first trench 205' from front line and 110' from left lot line. Run trenches on contour toward left side 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. 6-29-90 JEN

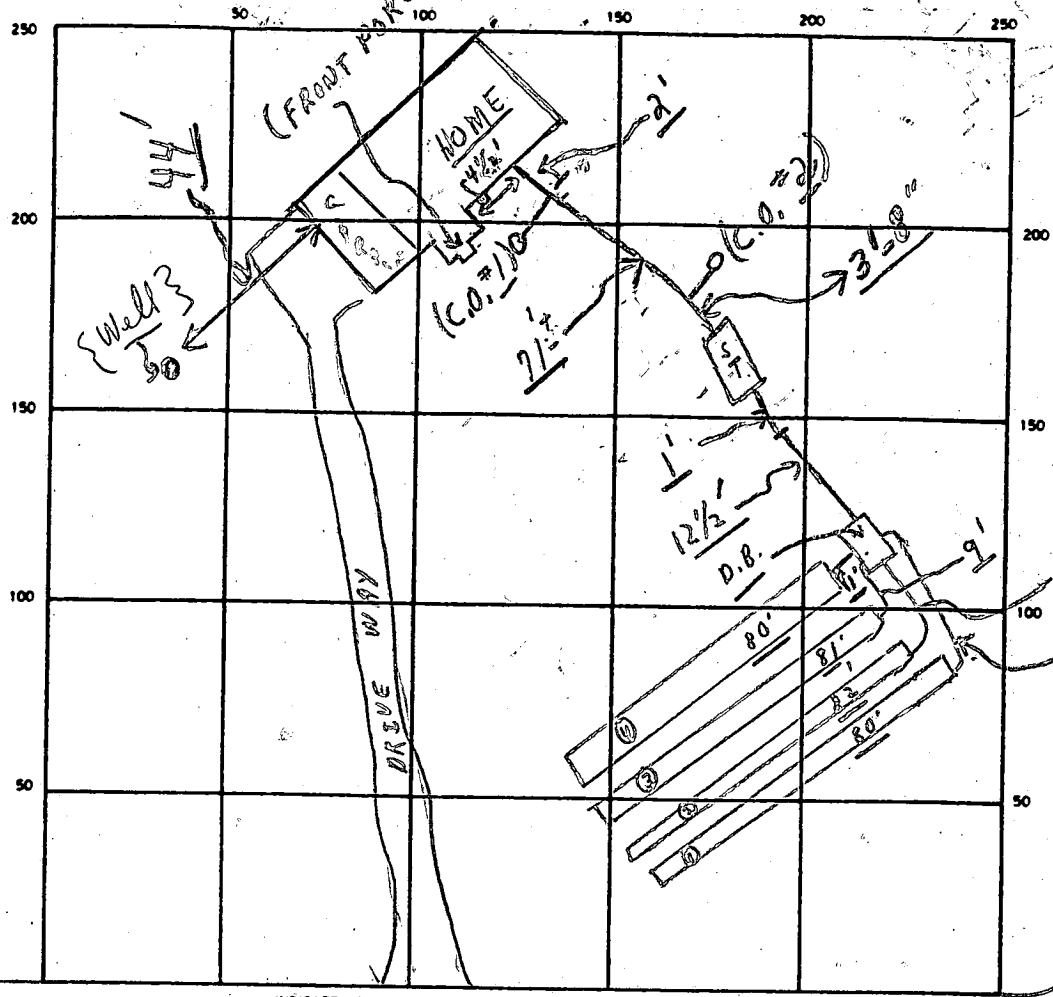
PLANS APPROVED BY Mark Rifkin cm DATE 02/22/90

- 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: 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 APROVAL ON THIS PERMIT**

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

42202



FOLLY QUARTER ROAD →

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

MARYVALE COURT S.T.

SEPTIC TANK LEVEL OK CLEANOUTS OK (3' - only covers) / OK / OK (C.O. #1 / C.O. #2)

DISTRIBUTION BOX LEVEL OK (Baffles is in)

DRAIN FIELD/TILE FIELD DEPTH 6 FT. TRENCH WIDTH 3 FT. INLET DEPTH 4 FT.

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH $\left. \begin{array}{l} \textcircled{1} 80' \\ \textcircled{2} 82' \\ \textcircled{3} 81' \end{array} \right\} 323'$ FT.

NUMBER OF TRENCHES 4 ONE ~~SUBJECT AREA~~/BOTTOM AREA 969 SQ. FT.

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

ABSORBENT AREA 969 SQ. FT.

REMARKS A.M. 10/9/90 SEPTIC SYSTEM IN WOODS ON RIGHT SIDE OF DRIVE WAY; FINAL - OK TO COVER ALL WORK. (MOST OF TRENCHES ALREADY PARTIALLY COVERED.) C.B.

A.M. (10/9/90 W.P.I. - Final - ok to covers water lines & pitless adapters.)

DATE SYSTEM APPROVED 10/9/90 INSPECTOR Charles Bryan Sharkey

APPLICATION

PERCOLATION TESTING

A 42202

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 461-9933

DISTRICT Third

DATE Feb. 26, 1988

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 William W. Aitcheson Roy Neary

ADDRESS 12706 Folly Quarter Rd, Clarksville, Md. 21029 PHONE 301 596 9208

PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Aitcheson Property "Second Discovery" LOT NO. 12

ROAD AND DESCRIPTION End of Court 'A' 12731 Maryvale Court

TAX MAP 22 Blk 23 PARCEL # 45

SIZE OF LOT 3.75 acres TYPE BLDG Single Family Dwg
(SINGLE FAMILY DWELLING OR COMMERCIAL)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND THE FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT.

William W. Aitcheson
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

LOG, PERMIT, SIGNATURE
AND RETURNED 4/6/88
Serial # 32635
SFD - 4 Bedrooms

HD-216

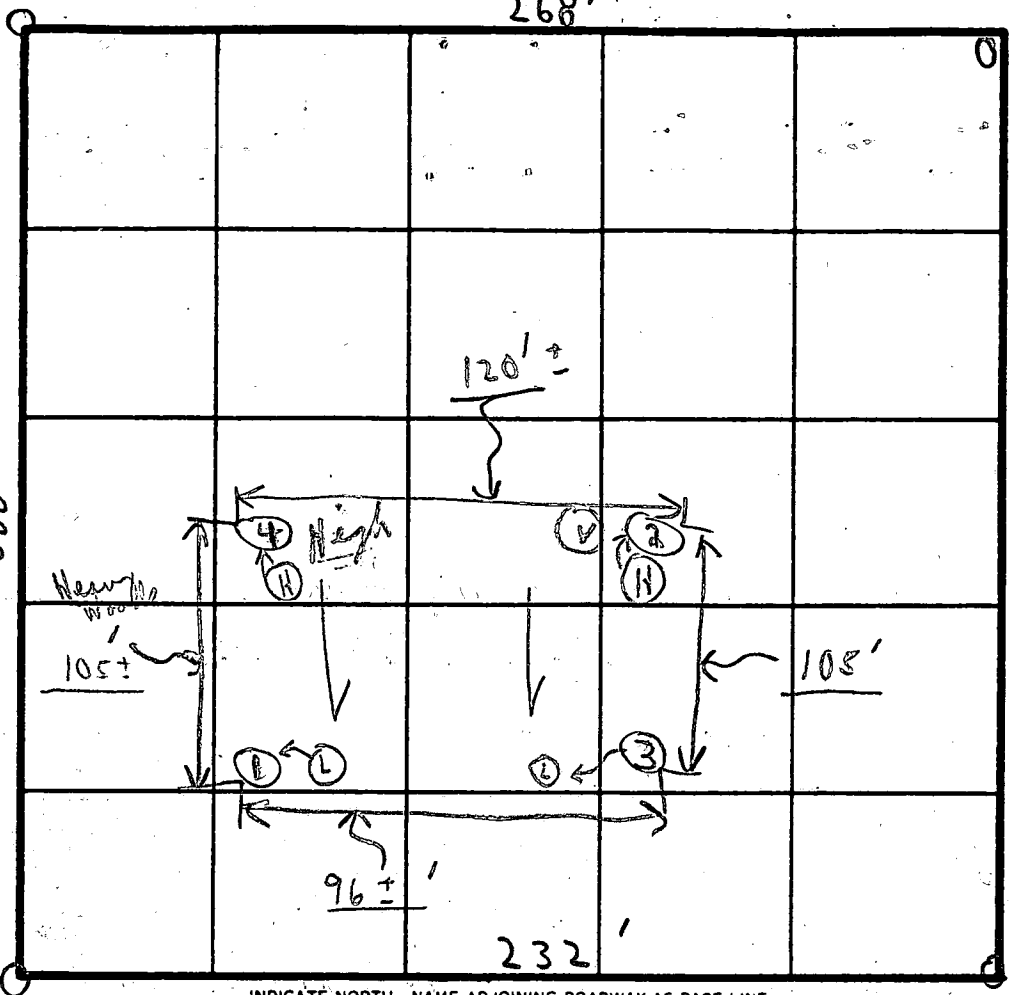
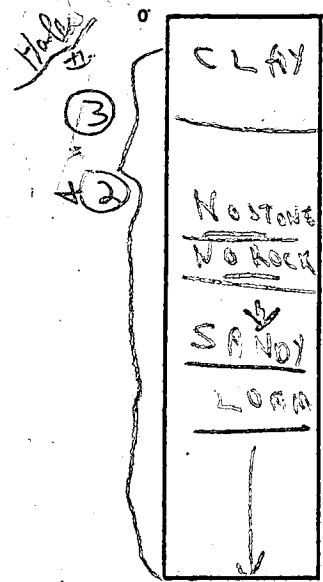
THIS IS NOT A PERMIT

A42202

268'

#12

SOIL PROFILE



COURT "A"

SOIL PROFILE	DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1' DROP		TIME
				START	STOP	START	STOP	
1' to 5' CLAY Reddish Brown, Loam	8/9/88	1A	5'	8:32	8:39	8:39	9:06	9:06
#2 Loam		(L) 1B ↓	11 1/2'	{	hoam below clay?	{	some sandstone	
1' Sandstone		2A	'	:	hoam	:		
1' - 5' CLAY		(H) 2B	12 1/2'	:	light sandy loam	:		
5' - 12' LOAM		3A	5'	9:17	9:19	9:19	9:23	4 min
1' - 2' clay		(L) 3B	12'	:	hoam	:		
(2' - 10' Sand + Sandstone)		4A	5'	9:32	9:34	9:34	9:36	2 min
5/2' of c.c. hoam		(H) 4B	2'	9:37	9:39	9:39	9:42	3 min
		1C ↓	5'	9:54	10:00	10:00	10:22	22 min

1/4" @
11" sand stone
sand

4 sand
Sand stone
@

REMARKS

HOLD FOR DISCUSSION WITH INSPECTOR CW 9/8/88

TYPE OF SOIL

TESTED BY

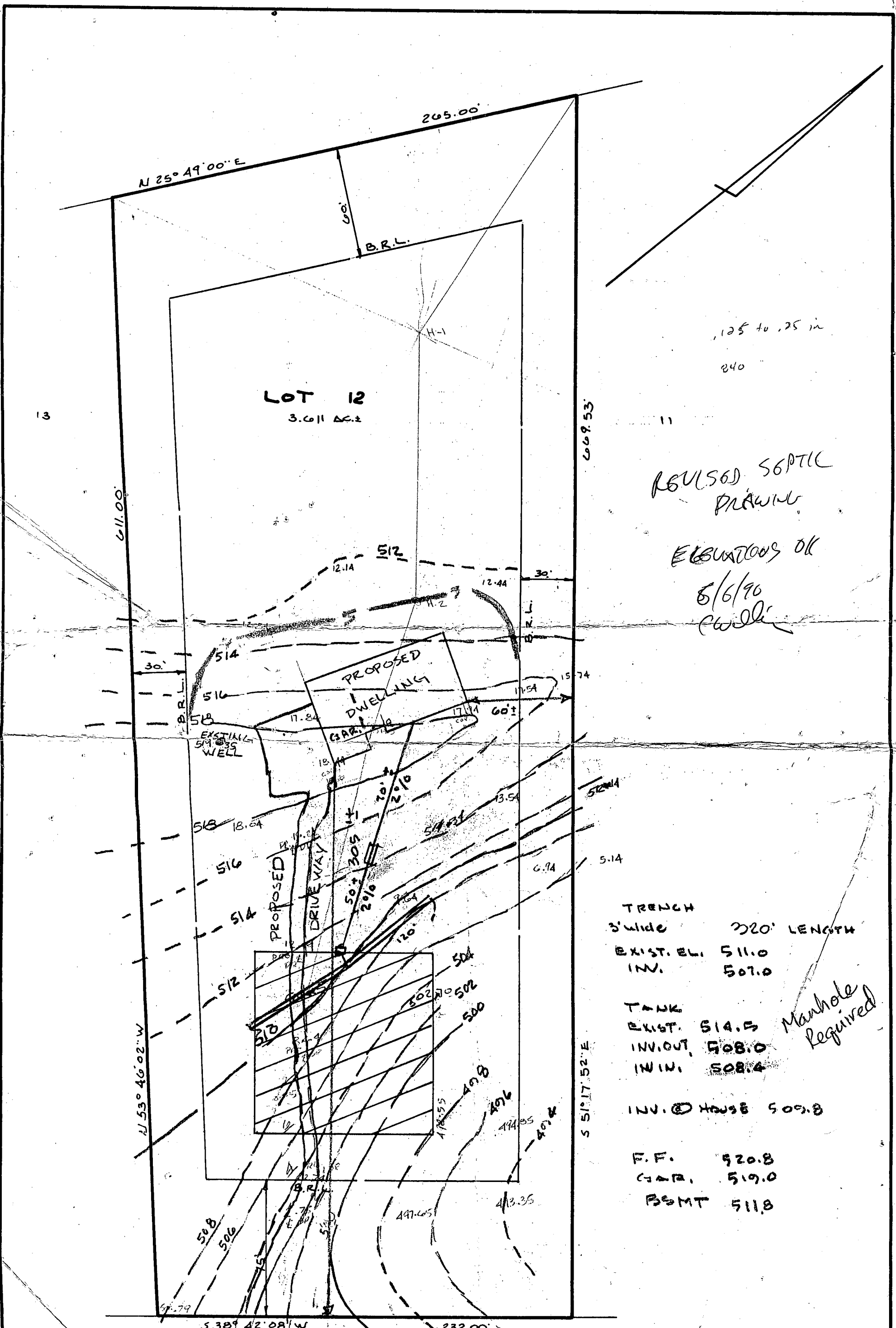
C.B.D.

ALSO PRESENT

(2) Fyocko men

1 owner

Wanted on holes (all holes in woods) Test per per stake.



REvised SEPTIC
DRAWING
ELEVATIONS OK
5/6/90
C.W.D.

TRENCH
3' wide 720' LENGTH
EXIST. EL. 511.0
INV. 507.0

TANK
EXIST. 514.5
INV. OUT. 508.0
INV. 508.4

INV. @ HOUSE 509.8

F.F. 520.8
GAR. 519.0
BSMT 511.8

Manhole Required

SITE PLAN
PROPERTY KNOWN AS: LOT 12
SECOND DISCOVERY,
LOTS 1-16
PLAT 913 SHEET 3 OF 4
THIRD ELECTION DISTRICT
HOWARD COUNTY, MD.
SCALE: 1" = 50' DATE

LAND DESIGN ENGINEERING INC.
SUITE 210 10620 GUILFORD ROAD
JESSUP, MARYLAND 20794

MARYVALE COURT
50' R/W

397

MATCH
S 38° 50' 25" E

LINE ~

N 28° 41' 38" E
50.00'

R = 1458.00'
L = 129.44'
556° 13' 10" (R)
50.00'
S 45° 00' 00" E (NR) 420.00'

694

315

334.60'

342

348

641

LOT 11
4.483 AC ±

20' DRAINAGES
UTILITY EASEMENT

N 51° 17' 52" W

669.53'

COUNT
555.00'
555.00'

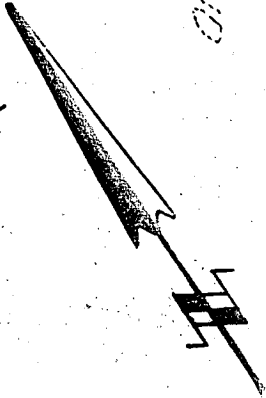
LOT 12
3.611 AC ±

N 53° 46' 02" W

611.00'

MARYVALE

E 81° 23' 00"
N 52° 00' 00"



LOT 13

1738.00'
189.69'

BOUNDARY OF MARYVALE

N 25° 49' 00" E

358.07'

60'

265.00'

893.07'

30'

30'

30'

60'

274'

75'

75'

75'

75'

56.00'
56.00'
56.00'
56.00'

120.00'
120.00'

50' RW

232.22'

218.35'

1738.00'

189.69'

1738.00'

189.69'

1738.00'

189.69'

B 1 6364

SEQUENCE NO. (DP USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

STATE PERMIT NUMBER

HO-88-1170

please print or type

Date Received (APA)

122889

OWNER INFORMATION

Sec Dis Ltd Partner

8207 Main Street

Fillicott City Md 21043

DRILLER INFORMATION

Frank Delph 453

Frank Delph Well Drillers Inc

18234 Penn Shop Rd Mt Airy Md

Frank Delph 12/19/89

WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 5

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)
PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)
TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

APPROXIMATE DEPTH OF WELL 200 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH

METHOD OF DRILLING (circle one)

- BORED (or Augered) JETTED Jetted & DRIVEN
AIR-ROTary AIR-PERcussion ROTARY (Hydraulic Rotary)
CABLE REVerse-ROTary Drive-POINT

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 (OEP USE ONLY)

APPROX. PERMIT NUMBER GAP

FORCE MR PERMIT No. HO-88-1170

SPECIAL CONDITIONS

LOCATION OF WELL

Howard

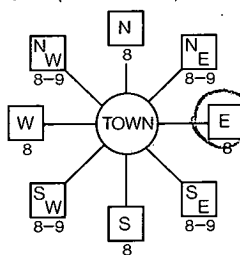
Second Discovery

SECTION 1 LOT 12

Glennely

MILES FROM TOWN (enter 0 if in town) 1 MI

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Maryvale Court

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



DISTANCE FROM ROAD 200

ENTER FT OR MI FT

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard COUNTY NAME A42202 COUNTY NO.

STATE SIGNATURE DATE ISSUED 012590 Mark S. Palkin 7/25/90

NORTH GRID 520000 EAST GRID 0813000

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

2-16-90 Grant 2:30 pm Unable to observe. JH

SOURCES OF DRILLING WATER

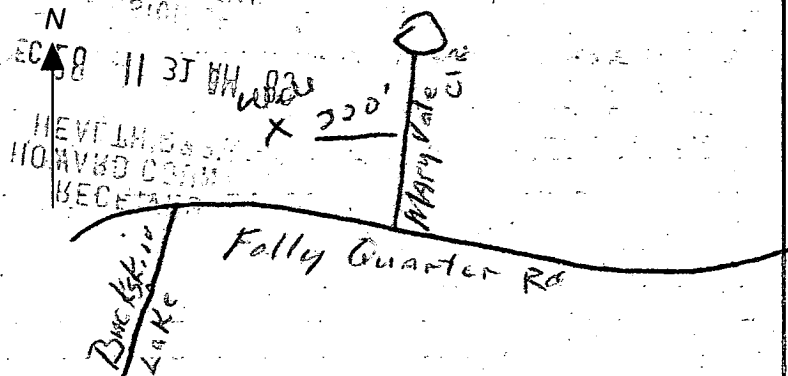
- 1. Well
2.
3.

WRITE THE BOX NUMBER FROM THE MAP HERE

81X3
5X920

Well

DRAW A SKETCH BELOW, SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION



C1 **1312** SEQUENCE NO. (DENV USE ONLY)
 1 2 3 4 5 6
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND
WELL COMPLETION REPORT
 FILL IN THIS FORM COMPLETELY
 PLEASE PRINT OR TYPE

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.
 COUNTY NUMBER **A43202**

ST/CO USE ONLY
 DATE RECEIVED

DATE WELL COMPLETED
030190

Depth of Well
26.5
 (TO NEAREST FOOT)

PERMIT NO.
 FROM "PERMIT TO DRILL WELL"
40-88-1170

OWNER **Second Discovery Ltd. Part**
 STREET OR RFD. **last name first name**
 TOWN **Glennely**
 SUBDIVISION **SECOND DISCOVERY** SECTION **1** LOT **10**

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	
Top Soil	0	2	
Sandstone	2	20	
Mika	20	40	
Sandstone	40	45	
M. Ka	45	230	
Sandstone	230	235	
M. Ka	235	265	

GROUTING RECORD
 WELL HAS BEEN GROUTED (Circle Appropriate Box) **Y** **N**
 TYPE OF GROUTING MATERIAL
 CEMENT **CM** BENTONITE CLAY **BC**
 NO. OF BAGS **5** NO. OF POUNDS **500**
 GALLONS OF WATER **32**
 DEPTH OF GROUT SEAL (to nearest foot)
 from **12** ft. to **15** ft.
 (enter '0' if from surface)

CASING RECORD
 casing types insert appropriate code below
ST CO PL OT
 STEEL CONCRETE PLASTIC OTHER
 MAIN CASING TYPE
 Nominal diameter top (main) casing (nearest inch) **1**
 Total depth of main casing (nearest foot) **21**

OTHER CASING (if used)
 diameter inch depth (feet) from to

SCREEN RECORD
 screen type or open hole insert appropriate code below
ST BR HO PL OT
 STEEL BRASS OPEN HOLE PLASTIC OTHER

C2

EACH SCREEN	DEPTH (nearest ft.)	
	1	2
1	4.0	11.0
2		
3		

SLOT SIZE 1 _____ 2 _____ 3 _____
 DIAMETER OF SCREEN _____ (NEAREST INCH)
 from _____ to _____

C3

PUMPING TEST
 HOURS PUMPED (nearest hour) **3**
 PUMPING RATE (gal. per min. to nearest gal.) **4**
 METHOD USED TO MEASURE PUMPING RATE **Bucket**
 WATER LEVEL (distance from land surface)
 BEFORE PUMPING **72**
 WHEN PUMPING **60**
 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 YES **NO**
 IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE
 TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE:
 CAPACITY: GALLONS PER MINUTE (to nearest gallon) _____
 PUMP HORSE POWER _____
 PUMP COLUMN LENGTH (nearest ft.) _____
 CASING HEIGHT (circle appropriate box and enter casing height)
(+) above } LAND SURFACE
(-) below } _____ (nearest foot)

CIRCLE APPROPRIATE LETTER
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 THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS IDENT. NO. **453**
 DRILLERS SIGNATURE **Frank [Signature]**
 (MUST MATCH SIGNATURE ON APPLICATION)
 SITE SUPERVISOR (sign of driller or journeyman responsible for sitework if different from permittee)

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

OEP 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

