

12/12/84
10
12/11/84
+ P.M.

12/11/84 W.P.I.
12/13/84 10⁰⁰

Approved
12/13/84

PERMIT

P 34474

SEWAGE DISPOSAL SYSTEM

A 24055

MARYLAND STATE DEPARTMENT OF HEALTH*

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
992-2330 441-9933

05-383470

ELLICOTT CITY

INDEXED

DISTRICT 5th

DATE 10/16/84

R. Calvin Thomas IS PERMITTED TO INSTALL ALTER

ADDRESS 2921 Bradenbaugh Road, White Hall, MD 21161 PHONE 329-6470

SUBDIVISION Highland Lakes ROAD 13144 Isle of Mann Dr. LOT 59

PROPERTY OWNER Ronald Holdbrook

ADDRESS _____

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

GARBAGE GRINDER? YES NO

SEPTIC TANK CAPACITY 2000 GALLONS NUMBER OF BEDROOMS 4
(with garbage disposal)

TRENCHES - 201 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 10 feet below original grade. Effective area begins at 4 feet below original grade. 6 feet of stone below distribution pipe. LOCATION: Start the trench at perc hole (1) (2) which is located 120 feet from the front lot line and 25 feet from the left side of the lot as seen when facing the lot from Isle of Mann Drive. Run the trench toward the right side of the lot as seen when facing the lot from Isle of Mann Drive.

NOTE: No trench to exceed 100 feet in length. If more than one trench used, a distribution box is required. Trenches to be installed on level ground. Call for inspection of trench before and after gravel is installed. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank.

PLANS APPROVED BY Raymond Hodges DATE 12/20/83

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 AND AFTER PLACING GRAVEL IN TRENCH.

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 THREE YEARS.

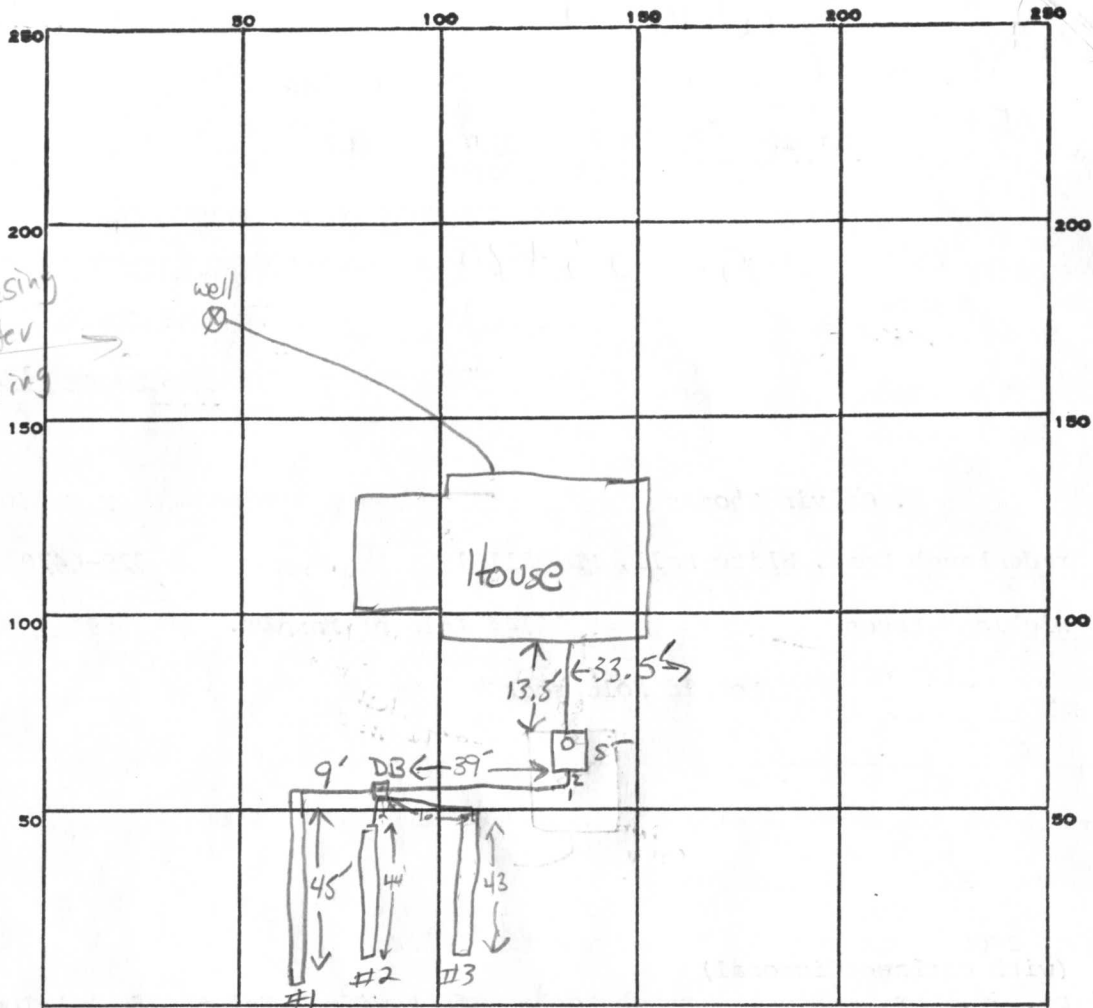
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON, CONCRETE OR TERRA COTTA. OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED.

***INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APROVAL ON THIS PERMIT**

*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082

A 24055



Check well casing
extension after
final grading

804 ft² / 134 ft
132
292

INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

ISLE OF MANN

PERMIT CARD

SEPTIC TANK, LEVEL

CLEANOUTS

DISTRIBUTION BOX, LEVEL

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

GRAVEL DEPTH 6-6 1/2 FT. TOTAL LENGTH _____ FT.

NUMBER OF TRENCHES 3 ONE SIDEWALL
TOTAL BOTTOM AREA 792

SEEPAGE PITS, INSIDE DIAMETER _____ FT. DEPTH BELOW INLET _____ FT.

ABSORBENT AREA 792 SQ. FT.

REMARKS 12-11-84 one of three trenches complete, need seal around ST cleanout - 8A

12/12/84 Trench #2 dug 44' long 2' wide, 10' deep or to add gravel pipe & dig out #3 trench JS

12/12/84 OK to cover trench #2 + first half #3, complete pipe installation #3. SA

12/13/84 work complete and covered 12/12 PM 8A

DATE SYSTEM APPROVED 12-13-84

INSPECTOR Sid Abel

APPLICATION

A 24053

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 Fifth

DATE 9/15/76

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 Mr. Walter Bucher

ADDRESS Highland Partnership
8777 First Avenue PHONE (8)-588-3100
Silver Spring, MD 20901

PROPERTY LOCATION:

SUBDIVISION Highland Lake LOT NO. 112

ROAD AND DESCRIPTION unnamed road

SIZE OF LOT one acre w/1 TYPE BLDG. 3 or 4 bedroom
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 /s/ Mr. Walter Bucher

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

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

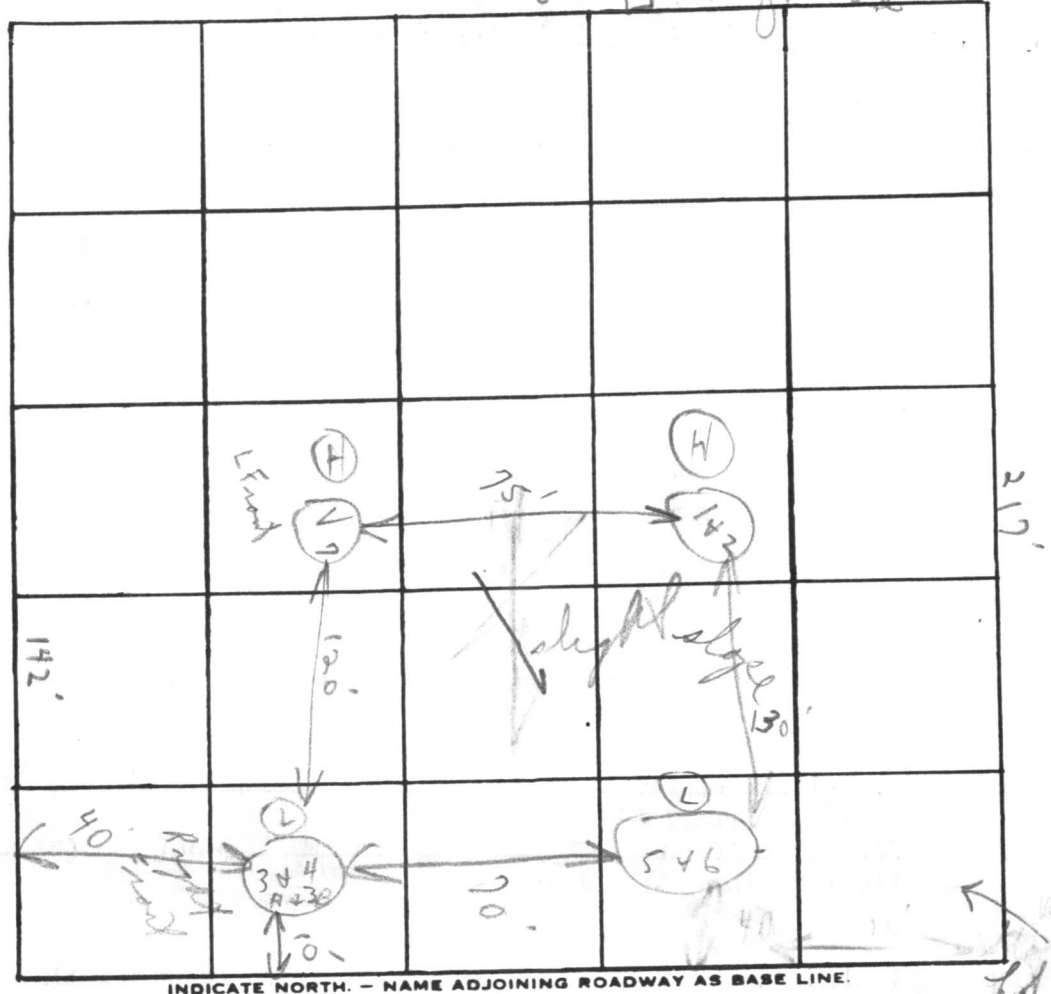
HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

203 - Christy House

Side of Main
Unpaved Rd



62
11

Lot # 112 from
Sheet 3

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5/12/76	(H) ①	4'	2:58	3:09	3:09	3:30	21 min
	②	13'	2:58	3:05	3:05	3:14	9 min
13'	③	4'	2:23	2:28	2:28	2:28	lowered shelf
	④	13'	2:23	2:25	2:25	2:30	5 min
13'	⑤	4'	2:32	2:34	2:34	2:38	4 min
	⑥	13'	2:32	2:34	2:34	2:38	4 min
	⑦	12 1/2'		Visual		tooths	9 min
	(3 B)	5'	2:50	2:53	2:53	3:04	11 min
						6	54

Measured 5/13/76 CBS

REMARKS

Open field (Top missing - lost on model) (12/76)

TYPE OF SOIL

loose sandy below clay

TESTED BY

C. Bd

ALSO PRESENT:

Katherine

01 SEQUENCE NO. (OEP USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

OEP PERMIT NUMBER 40-81-0588

NUMBER IS TO BE PUNCHED AS 3-6 ON ALL CARDS

please print or type

fill in this form completely

Date Received 6/15/84 12:10 pm
OWNER INFORMATION Randy Shelly
Melicy Rhady
9 Gifford Lane
Monkton MD 21111

LOCATION OF WELL
Howard - 8 COUNTY
Highland 23 SUBDIVISION
SECTION 44 46 LOT 59 48 50
Clarksville 52 NEAREST TOWN
MILES FROM TOWN 1.25 MI

DRILLER INFORMATION
Wm. W. Reichart 564 77 License No. 80
Wm. W. Reichart, Inc
RD # 2 Box 54, Langver PA 17331
Wm W Reichart 6/5/84

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)
Isle of Mann NEAR WHAT ROAD
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
DISTANCE FROM ROAD 200 FT

WELL INFORMATION
APPROX. PUMPING RATE (GAL. PER MIN.) 5
AVERAGE DAILY QUANTITY NEEDED (GAL PER DAY) 500

USE FOR WATER (CIRCLE APPROPRIATE BOX)
D HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
I INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)
P PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)
T TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
Howard A-24055
COUNTY NAME COUNTY NO
OEP SIGNATURE STATE HEALTH INSERT S
DATE ISSUED 06/28/84
CO SIGNATURE EXP. DATE
NORTH GRID 493000 EAST GRID 0812000

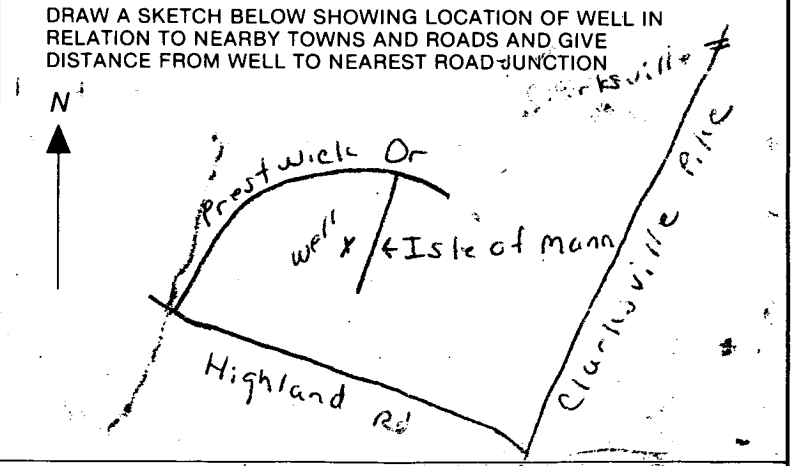
APPROXIMATE DEPTH OF WELL 250 FEET

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

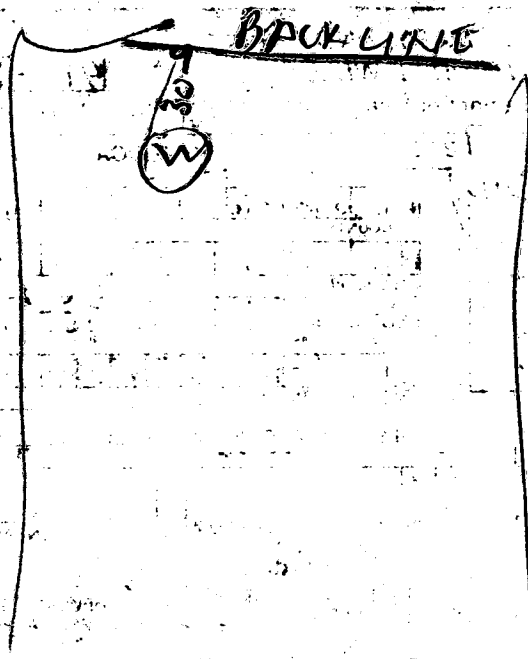
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X
SOURCES OF DRILLING WATER
1. Approved well
2.
3.
WRITE THE BOX NUMBER FROM THE MAP HERE
810
490

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)
N THIS WELL WILL NOT REPLACE AN EXISTING WELL
Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY
D THIS WELL WILL DEEPM 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 FF WRITE INITIALS IN BOX PERMIT No. 40-81-0588

SPECIAL CONDITIONS



SEE
BACK
FOR well
location

ISLE OF MAN DR

- 6/15/68
- ① WELL LOCATION OR
 - ② 28 FT OPEN HOLE MEASURED WITH A ~~ROPE~~ & WEIGHT
 - ③ 45 FT CASING 2 FT OUT OF GROUND
 - ④ 12 BAGS

R. Foy

ED KLOUSER wants Plumbing work
from Jim Stayer

C1 3296 SEQUENCE NO. (OEP USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

COUNTY NUMBER A24055

DATE Received... DATE WELL COMPLETED 061584 Depth of Well 100 (TO NEAREST FOOT) PERMIT NO. FROM "PERMIT TO DRILL WELL" 40-81-05BB

OWNER SHELLEY last name RAOUDY first name STREET OR RFD Isle of Man TOWN SUBDIVISION Highland Lake SECTION Sec. 2 LOT 59

WELL LOG table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), Check if water bearing. Includes handwritten entries: rolling ground & gravel, schist water, schist water, schist.

GROUTING RECORD: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL CEMENT CM, BENTONITE CLAY BC, NO. OF BAGS 12, NO. OF POUNDS 1152, GALLONS OF WATER 84, DEPTH OF GROUT SEAL 28 ft.

CASING RECORD: casing types insert appropriate code below. MAIN CASING TYPE ST, Nominal diameter 6, Total depth 44.

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

SCREEN RECORD: screen type or open hole insert appropriate code below. HO, DEPTH (nearest ft.) 44, 100.

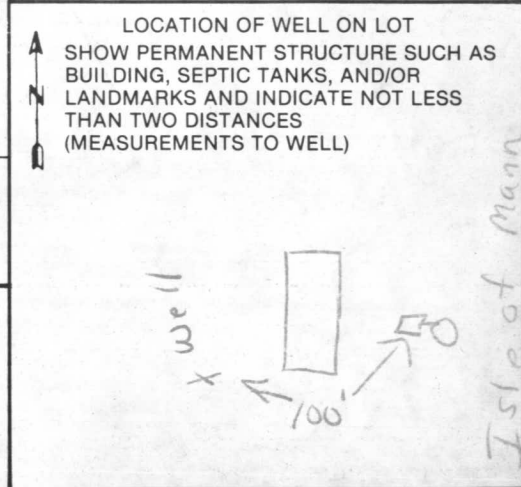
SCREEN RECORD table with columns for depth intervals (1-51) and screen diameter (56-60). Includes SLOT SIZE and DIAMETER OF SCREEN.

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.), WQ, TELESCOPE CASING, LOG INDICATOR, OTHER DATA.

PUMPING TEST: HOURS PUMPED 4, PUMPING RATE 10 gal. per min., MEASURE PUMPING RATE watch bucket, WATER LEVEL 25 BEFORE PUMPING, 35 WHEN PUMPING, TYPE OF PUMP USED C centrifugal.

PUMP INSTALLED: DRILLER WILL INSTALL PUMP YES NO, CAPACITY: GALLONS PER MINUTE, PUMP HORSE POWER, PUMP COLUMN LENGTH, CASING HEIGHT.



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 10.17.13 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT...

DRILLERS IDENT. NO. 064, DRILLERS SIGNATURE Wm. W. Reichart, SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee).

SITE PLAN OF

LOT 59, ISLE OF MANN WAY, SECTION TWO, HIGHLAND LAKE,
5TH ELECTION DISTRICT, HOWARD CO., MD.

ISLE OF MANN WAY

60' 1/2" 30' 1/2" MAG.

CURB

CURB

S14°41'24"E 79.20' R=1030.00' L=62.53'

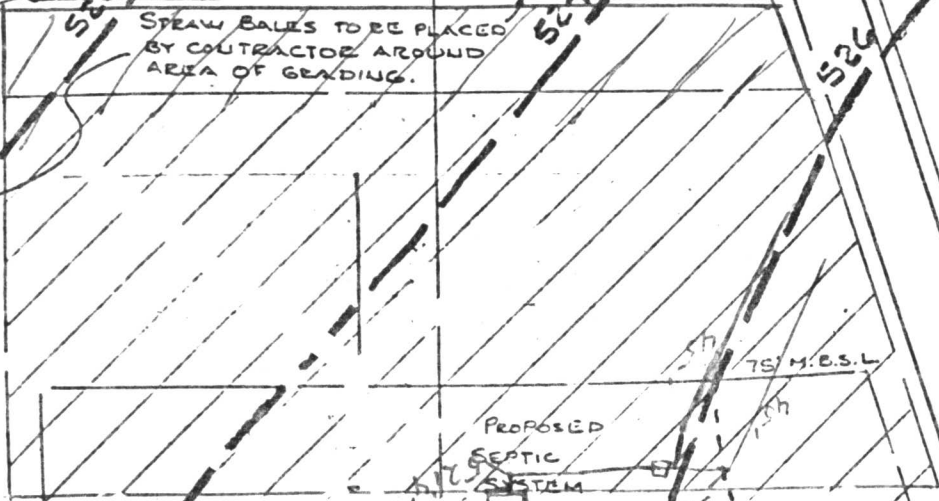
SILT FENCE

STRAW BALES TO BE PLACED BY CONTRACTOR AROUND AREA OF GRADING.

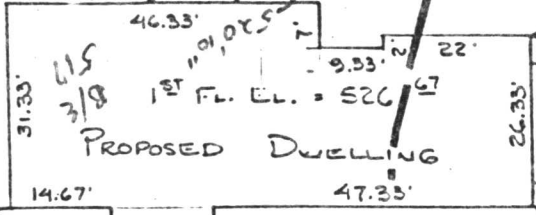
Elevation of
9/7/84
Catlin

211.23'

N75°18'36"E



75' M.B.S.L.



PROPOSED DRIVEWAY

S55°12'18"L

253.70'

LOT 59
0.918 +/- Ac.

W₂₂
11.27

4
49
21
A21/E

5' UTILITY EASEMENT

N06°57'48"W

529