

11/14/96
12:00 c.d

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

03-290263

P 57268 C

A REPAIR

DISTRICT _____

DATE 9-12-96

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXXXXXX~~

313-2649

DATE SYSTEM APPROVED 11-7-96

INSPECTOR AS

INDEXED

Jack Fyock Septic Service IS PERMITTED TO INSTALL ALTER

ADDRESS 4105 Ten Oaks Road, Dayton, Maryland 21036 PHONE 988-9270

SUBDIVISION _____ LOT _____ ROAD 13720 Oster Farm Road

PROPERTY OWNER Sonn

ADDRESS 13720 Oster Farm Road
West Friendship, Maryland 21794

SEPTIC TANK CAPACITY 1000 GALLONS

NUMBER OF BEDROOMS 3

_____ SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED _____

REPAIR - PURPOSE - Septic system has failed.

Call for inspection when ground is opened so that a sanitarian can recommend and approve the repair. 07/24/96

PLANS APPROVED BY _____ DATE _____

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, 90° ELBOWS NOT ACCEPTABLE.

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 TRENCH(ES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(ES)

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 35/40 PVC OR ABS

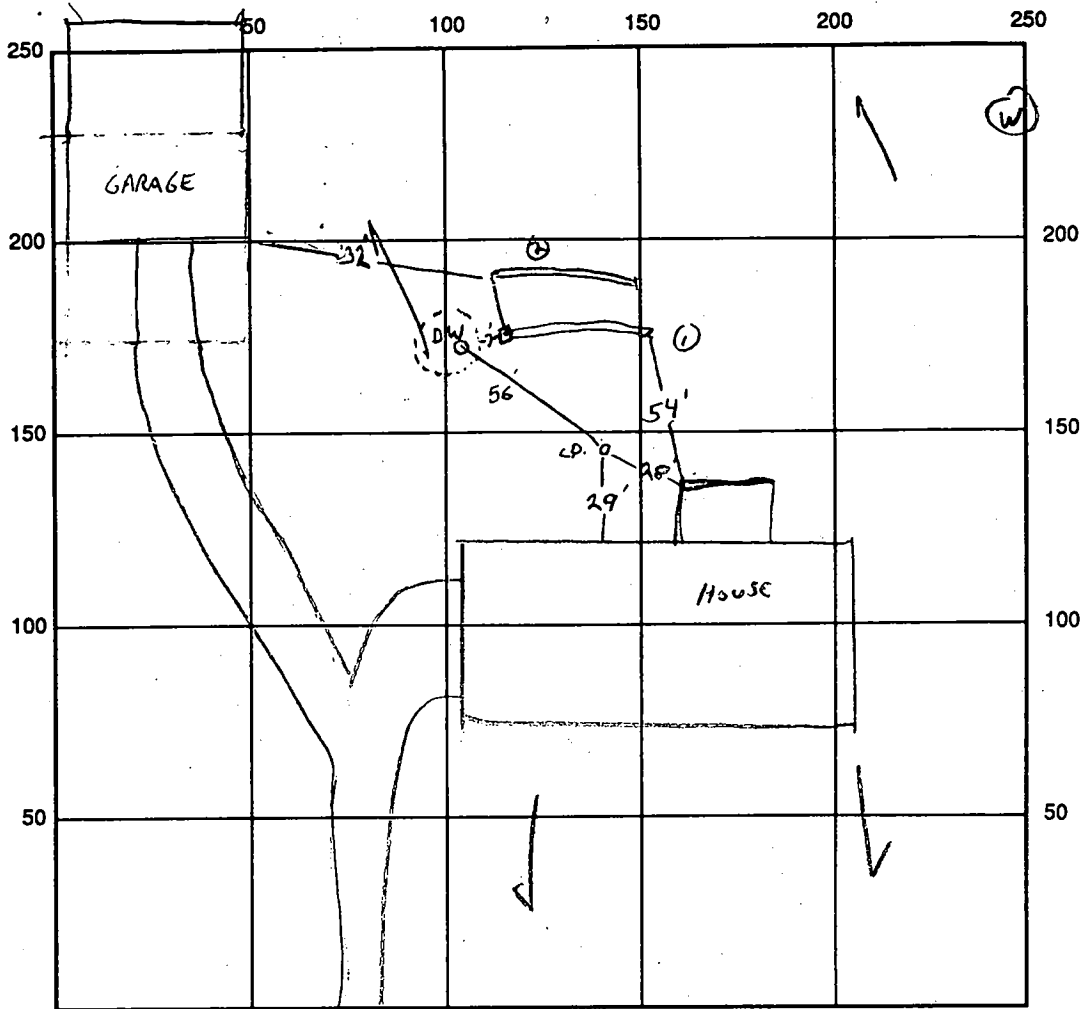
PERMIT VOID AFTER TWO YEARS

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 PVA 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**

P 57268 C



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE
 OSTER FARA ROAD

SEPTIC TANK LEVEL NA CLEANOUTS 1 ON TANK

DISTRIBUTION BOX LEVEL OK

DRAIN FIELD/TITLE DEPTH 10 FT. TRENCH WIDTH 2 FT. INLET DEPTH 5 FT.

EFFECTIVE GRAVEL DEPTH 5 FT. TOTAL LENGTH 39/48 FT.

NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA 435 SQ. FT. + ^{DRYWELL} CONNECTION

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

ABSORBENT AREA — SQ. FT.

REMARKS: 11-7-96 CAST IRON LINES REPLACED W/PVC, TRENCHES ADDED OFF DRYWELL. OK TO COVER SYSTEM AS COMPLETED - RAIN EXPECTED.

DATE SYSTEM APPROVED 11-7-96 INSPECTOR [Signature]

3/30/79
be ready about 2:00 P.M.

3/30/79 File

PERMIT

P 28935

A 27018

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH*

HOWARD COUNTY

ELLICOTT CITY

DISTRICT 3rd

INDEXED

DATE 9/29/78

Riviera Isles Plumbing & Heating, Inc. IS PERMITTED TO INSTALL ALTER

ADDRESS 8813 Fort Smallwood Road, Pasadena, Md. 21122 PHONE 255-4145

SUBDIVISION 13720 Oster Farm Rd ROAD ~~13749 Route 114~~ LOT 7-C
West Friendship, Md.

PROPERTY OWNER Howard & Elsie Sonn

ADDRESS 1476 Pleasantville Road, Glen Burnie, Md. 21061 Phone: 760-6570

SPECIFICATIONS 3 bedrooms

SEPTIC TANK CAPACITY 1000 GALLONS

DRAIN FIELD _____ DEPTH _____ FEET. BOTTOM AREA _____ SQ. FT.

DEEP TRENCH _____ DEPTH _____ FEET. BOTTOM AREA _____ SQ. FT.

SEEPAGE PITS ABSORBENT SIDE-WALL AREA 120 SQ. FT. sidewall area per bedroom.

INLET PIPE 4 FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH 12 FT. BELOW ORIGINAL GRADE

EFFECTIVE DEPTH AT _____ FT. BELOW ORIGINAL GRADE. 220

LOCATE DISPOSAL AREA 175 FT. FROM front LOT LINE AND 200 FT. FROM right LOT LINE AS SEEN WHEN
FACING LOT FROM the right-of-way.

PLANS APPROVED BY Raymond Hodges DATE 11/21/77

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 15 FOOT IN DIAMETER.

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

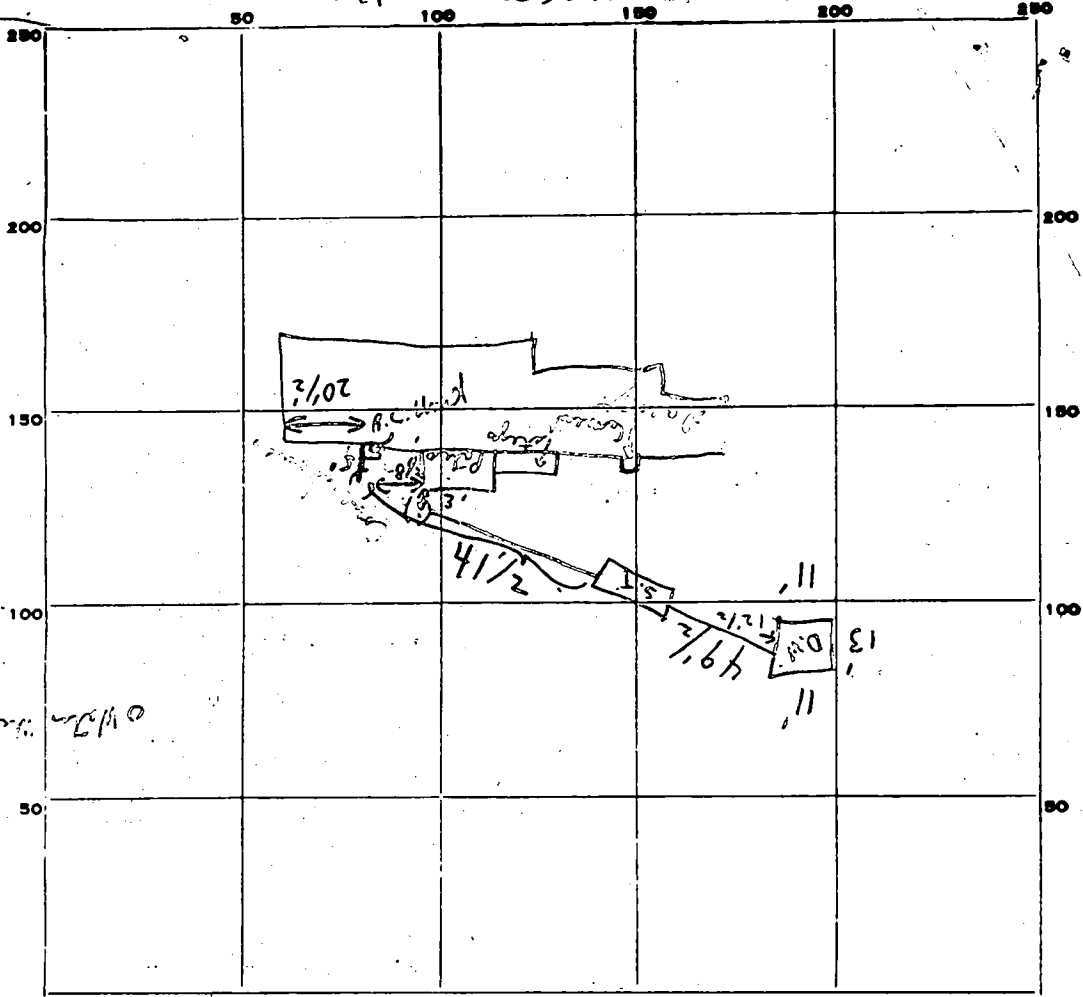
PERMIT VOID AFTER THREE YEARS.

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.**

A 27018

R/W Sewer Line



R/W 4

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

PERMIT CARD _____ (Yes, contractor had it) S.I. / D.W.

SEPTIC TANK, LEVEL _____ ok CLEANOUTS ok / ok

DISTRIBUTION BOX, LEVEL _____ C.I. / C.I.

Trench

TILE FIELD, DEPTH _____ FT. TRENCH WIDTH _____ FT.

GRAVEL DEPTH _____ 1 IN. TOTAL LENGTH _____ FT.

NUMBER OF TRENCHES _____ TOTAL BOTTOM AREA _____

SEEPAGE PITS, INSIDE DIAMETER ^{outside perimeter} 47 1/2 FT. DEPTH BELOW INLET 8 FT.

ABSORBENT AREA 380⁺ SQ. FT. 1:45 - 2:

REMARKS 3/30/79 Waited on them to dig out covered pipe from house to near pit!! Saw joints of pipe in 2 places C.I. all the way. C.B.B.

DATE SYSTEM APPROVED 3/30/79 as per INSPECTOR C.B. Sheehan Taboue

MARYLAND STATE RTE. NO. 144

S 61°55'08" E 8.10'

N 36°54'11" E
675.21'

S 36°54'11" W
675.19'

N 32°05'15" E
69.53'

S 61°15'16" E

550.11'

357.23'

N 29°19'52" E

5.003 ACS. ±

EXIST. EL. 102.5
EXISTING WATER WELL

INV. EL. 98.8

INV. EL. 98

EXIST. EL. 100

INV. EL. 95.7

EXIST. EL. 99.7

PERK. TEST AREA

PROP. DRIVEWAY

484.89'
RIGHT-OF-WAY FOR USE-IN-COMMON

60' m

N 55°04'08" W

540.67'

NOTES:

F.F. ELEV. 103
BASE. ELEV. 94.3
CAR. ELEV. 101.7

6-26-78 G.M.G.

PLOT PLAN

Scale: 1" = 100'

7/10178 PLANS OK

ORH

PROPERTY OF

MR. & MRS. HOWARD W. SONN
THIRD ELECTION DIST., HOWARD CO.,
WEST FRIENDSHIP, MARYLAND

6/29/78 5/12/78 9/7/78

LIBER 0857, Folio 548

73-2724

Depth	GPM	SWL
150 ft	5	40

4/28/73

DANA KUKER

DNR-214 (7-77) SEQUENCE NO. 9879 (WRA USE ONLY)

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 COMPLETE
FILL IN THIS FORM COMPLETELY
COUNTY NUMBER

DATE RECEIVED (WRA USE ONLY) _____ DATE WELL COMPLETED 10/15/77
DEPTH OF WELL 150' (TO NEAREST FOOT) 22 26
PERMIT NO. FROM "PERMIT TO DRILL WELL" BA-28-25228
28 29 30 31 32 33 34 35 36 37
DRILLERS IDENTIFICATION NO. 27

OWNER Carroll LAST NAME Howard FIRST NAME
STREET OR RFD 1476 Pleasantville Drive POST OFFICE Alton, Maryland

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	
CLAY	0	12	
BROWN SHALE	12	21	
GREEN ROCK	21	150	✓

WELL DESCRIPTION

GROUTING RECORD

WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX) Y N

TYPE OF GROUTING MATERIAL (CIRCLE BOX) CEMENT BENTONITE CLAY

NO. OF BAGS 12 NO. OF POUNDS 1128

GALLONS OF WATER 75

DEPTH OF GROUT SEAL (TO NEAREST FOOT)

FROM 0 FT. TO 2.5 FT. (ENTER 0 IF FROM SURFACE)

CASING RECORD

INSERT APPROPRIATE CODE BELOW

STEEL CONCRETE

PLASTIC OTHER

MAIN CASING TYPE ST NOMINAL DIAMETER TOP (MAIN) CASING (NEAREST INCH) 6 TOTAL DEPTH OF MAIN CASING (NEAREST FOOT) 36

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 25 TO 150

EACH SCREEN

1 40 FROM 25 TO 150

2 _____ FROM _____ TO _____

3 _____ FROM _____ TO _____

SLOTSIZE 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

W O OTHER DATA AVAILABLE

PUMPING TEST

HOURS PUMPED (TO NEAREST HOUR) 2

PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON) 5

METHOD USED TO MEASURE PUMPING RATE Rotary

WATER LEVEL: (DISTANCE FROM LAND SURFACE)

BEFORE PUMPING 6ft (NEAREST FOOT) 17 20

WHEN PUMPING 14.5 (NEAREST FOOT) 22 25

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) Y N

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 (NEAREST FOOT) 1

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 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) C. A. Carroll

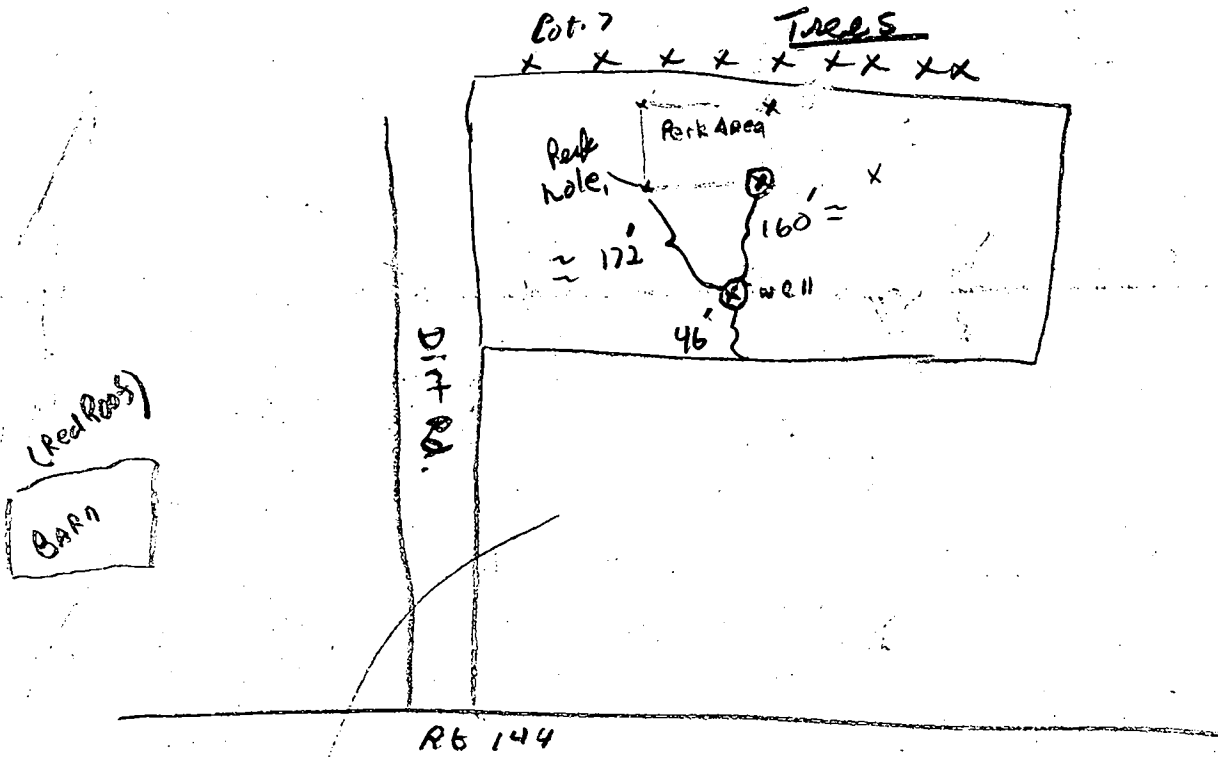
SIGNATURE [Signature]

US 41

1476 Pleasantville Drive

Alton, MD

MAY 1978



- 36 Ft casing
- 36 Ft open hole
- 3 Ft casing above GROUND
- 12 Bags GROUT
- Location OK
- GROUT OK

4/28/78 AMB

DIVISION OF ENVIRONMENTAL HEALTH

APR 25 9 03 AM '78

RECEIVED HOWARD COUNTY HEALTH DEPT.

Rt. 144

MARYLAND STATE ROUTE No. 144
S 61° 55' 08" E 8.10'

N 36° 54' 11" E 675.21'
(N.T.S.)

S 36° 54' 11" W
676.19'
(N.T.S.)

N 32° 05' 15" E 69.53'

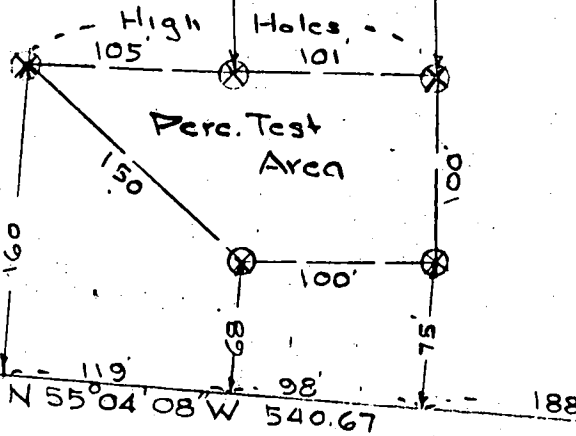
S 61° 15' 16" E 550.11

5.003 ACRES

7

N 29° 19' 52" E 357.23'

S 32° 05' 15" W 484.89'
RIGHT-OF-WAY FOR USE-IN-COMMON



LOCATION SURVEY
FOR

HOWARD W. SOHN

THIRD ELECTION DIST., HOWARD COUNTY

WEST FRIENDSHIP, MARYLAND

SCALE: 1 IN. = 100 FT. . OCT. 24, 1977

NOTE: ⊗ Denotes perc. test hole as field located 10/21/77
The lot shown hereon complies with the minimum
ownership & lot area as required by the
Maryland State Dept of Health & Mental
Hygiene

Approved: Private Water & Private Sewer

Joyan Boyles 12/14/77
Howard County Health Office Date



Robert E. Roser
A-4131

APPLICATION

A 27018

P _____

SEWAGE DISPOSAL TESTING

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 Third District
DATE 10/6/77

Prel.
10/18/77
9:30 A.M.

See separate sheet for specs

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 Howard & Elsie Loren

ADDRESS 1476 Pleasantville Dr. PHONE 760-6570
Glen Burnie, Md. 21061

PROPERTY LOCATION
SUBDIVISION M-L Company Property Third District LOT NO. Lot # 7C-4090

ROAD AND DESCRIPTION directions intersect Rt # 32 & Rt # 144 turn right

Go Pass Howard Co. Fair Grounds about 1/2 mile on left - Sign On
Property (Security Enterprises) Lot # 7
SIZE OF LOT 5 acres TYPE BLDG Rancher To Be Built
NUMBER OF BEDROOMS 3 Bed Rms

IF NOT SINGLE RESIDENCE DESCRIBE _____

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

~~AND RETURNED 7-11-78~~

SIGNATURE OF APPLICANT Mrs. Elsie Loren Appl # 36242

APPROVED BY Raymond Hodge FOR Drywell DATE 11/21/77
(KIND OF SYSTEM)

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

HOLD PENDING FURTHER TESTS _____ DATE _____

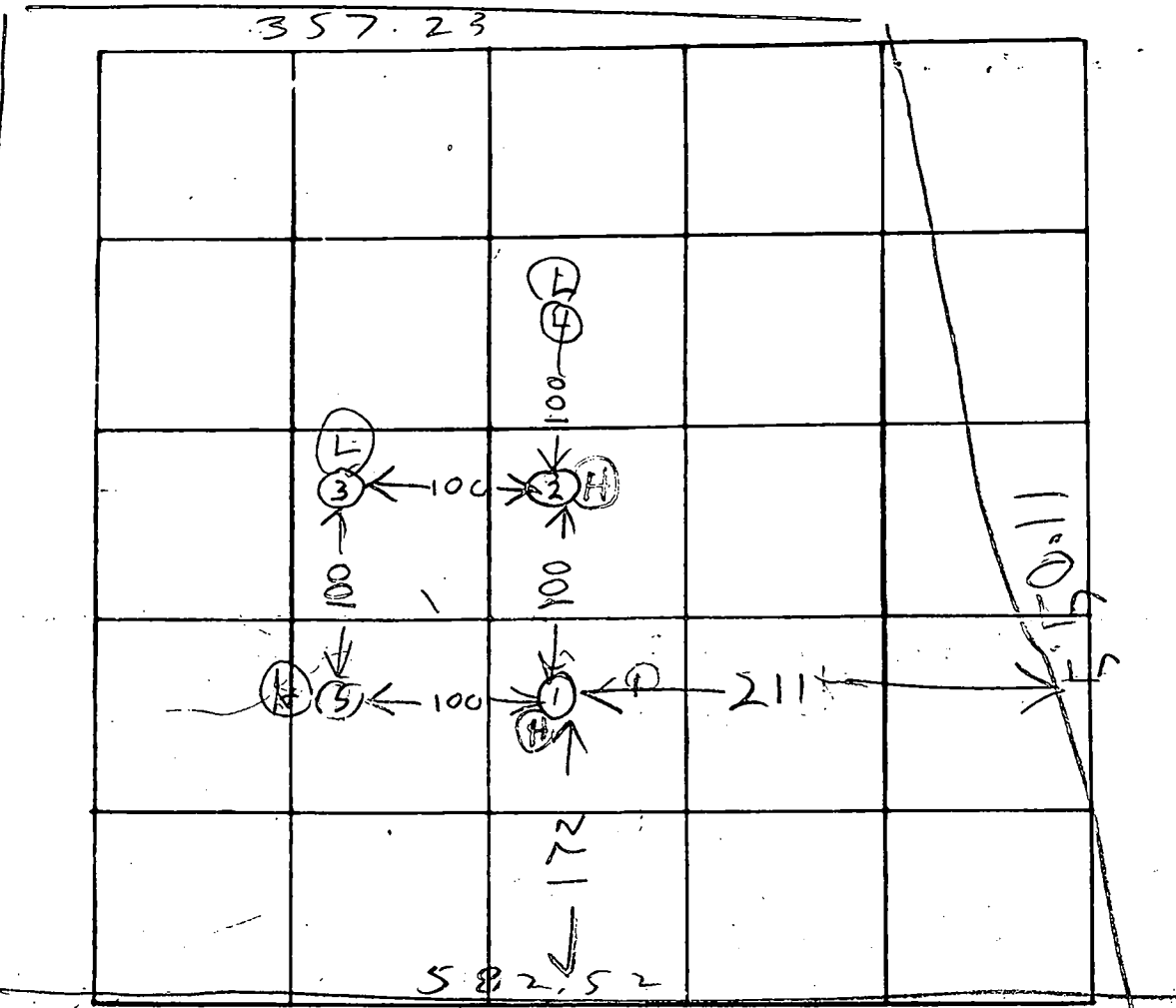
REASONS FOR REJECTION OR HOLDING 10/19/77 - Per OK Hold for Plat R18

11/21/77 Final Plat looks OK - R18 11/21/77 Final Plat

OK R18

THIS IS NOT A PERMIT

540.67



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

R/W

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
10/19/77	1D	10 1/2	151	156	156	206	10	HIGHEST
10/18/77	2S	4	233	234	234	236	12	NEXT HIGHEST
	2D	13 1/2	237	242	242	249	7	
	3D	14	310	315	315	323	8	
	4S	5	333	334	334	337	3	NEXT LOWEST
	4D	13	337	340	340	348	8	
	3V	14	TOP 6 FT CLAY		BOT 9 FT SANDY 17K7			LOWEST
	5V	12	TOP 4 FT CLAY		BOT 9 FT POROUS			3RD HIGHEST
10/18/77	1V	12 1/2	TOP 3 1/2 FT CLAY		BOT 9 FT POROUS			

REMARKS

Hole on shelf for # (3) & # (1) not tested due to

TYPE OF SOIL

Lack of time

TESTED BY

B. Hodges

ALSO PRESENT

Streater Excavating
Bill Farrell
Steven Reuther

20000