

Approved
1 Aug. 78

(GLK)

7/25/78 - afternoon please
7/27/78 - a.m. please
8/1/78

PERMIT

P 28536

A 25702

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH*

HOWARD COUNTY

ELLICOTT CITY

DISTRICT 3rd

INDEXED

DATE 7/24/78

Lee R. Stirn Jim Brittingham IS PERMITTED TO INSTALL ALTER

ADDRESS 11686 Old Frederick Road, Marriottsville, Md. PHONE _____

SUBDIVISION _____ ROAD Indian Hill Drive LOT 7C

PROPERTY OWNER Lee R. Stirn

ADDRESS same as above

SPECIFICATIONS 3 bedrooms - 1000 gal tank
4 bedrooms - 1250 gal tank

SEPTIC TANK CAPACITY _____ GALLONS

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

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

SEEPAGE PITS _____ ABSORBENT SIDE-WALL AREA 250 SQ. FT. per bedroom in system.

INLET PIPE 3 FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH 9 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

Locate the dry well 30 ft. from the left side and 220 ft. from the front. Start the trench 50 ft. from the left side line and 220 ft. from front lot line as seen from front. (Howard Lodge Road). The trench will be 2 ft. wide, 9 ft. deep, and contain 6 ft. of stone and follow the contour of the land.

PLANS APPROVED BY Robert Moorefield DATE 7/16/77

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.

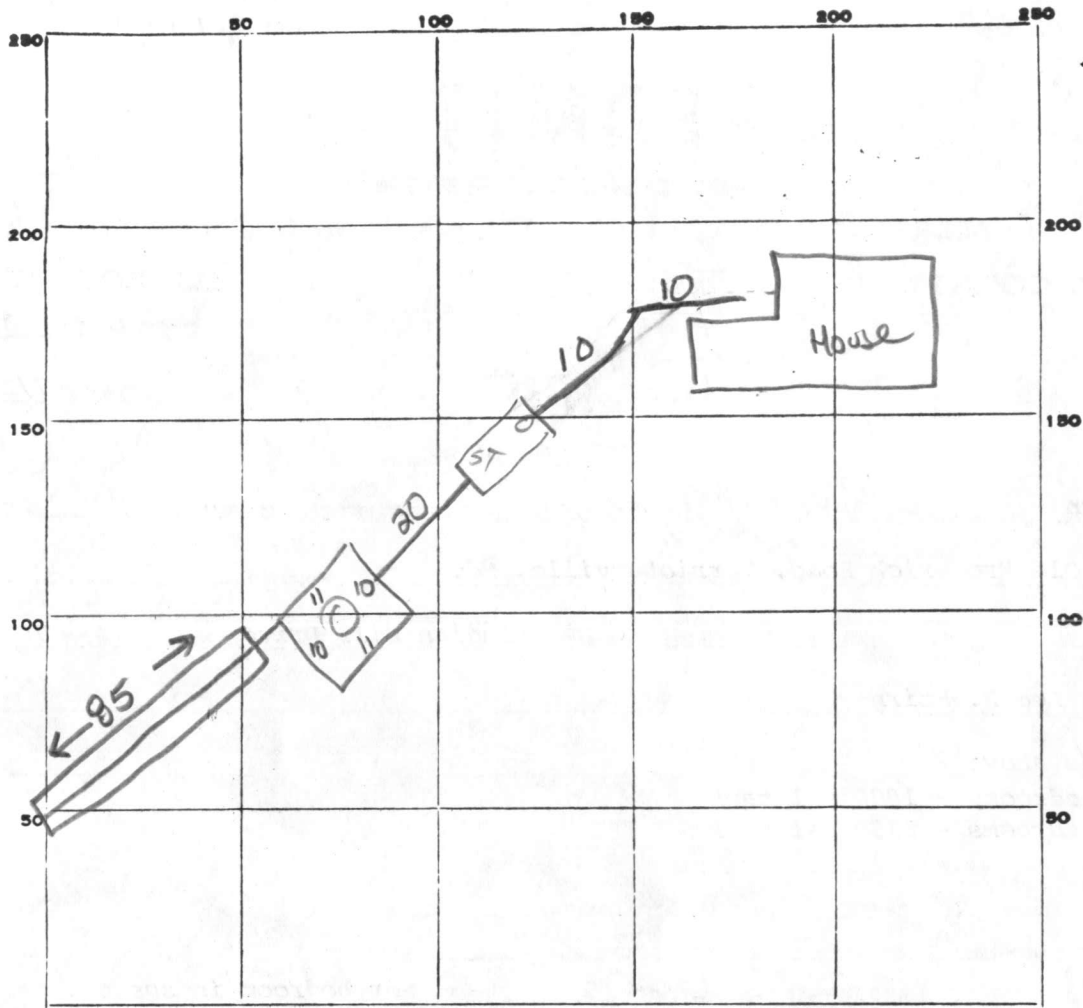
PERMIT VOID AFTER THREE YEARS.

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 25702

lot 7A
55ft
9ft deep
OK Gravel
7/25/78



3BR?
7/25/78

INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

PERMIT CARD Howard Lodge

SEPTIC TANK, LEVEL 1000 Gal. CLEANOUTS

ST	DW
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

 terracotta

DISTRIBUTION BOX, LEVEL _____

TILE FIELD, DEPTH 9 FT. TRENCH WIDTH 2 FT.

GRAVEL DEPTH 6ft IN. TOTAL LENGTH 85 FT.

NUMBER OF TRENCHES _____ TOTAL BOTTOM AREA 510

SEEPAGE PITS, INSIDE DIAMETER 42 FT. DEPTH BELOW INLET 6 FT.

ABSORBENT AREA ±762 SQ. FT.

510
252
762

REMARKS 25 July 78 - OK to Add gravel to trench. Call for final when cleanouts are installed & septic inlet/outlet pipes are grouted. (GLK) 27 July 78 - OK to cover system. System not approved until house connection made. (GLK) Call for final. (GLK) 1 Aug. 78 - House Connection made (GLK)

DATE SYSTEM APPROVED 1 Aug. 78 INSPECTOR G. Keller

S.T. : 3 BR - 1000 gal, 4 BR - 1250 gal

DW & Trench

The system will contain no less than 250 # of absorbant sidewall area per bedroom. Locate the DW. 30 ft from ^{left side} & 220 ft from ^{front} lot line as seen from ~~start~~ ~~the trench~~ ~~50'~~ ~~from the left side line~~ & 220' ~~from front~~ lot line as seen from ~~and~~ ~~ft~~ ~~from~~ front (Hodge or) The inv. will enter the DW @ 3 ft. below O.G. and the max depth of the D.W. will not exceed 9 ft below O.G. Begin the trench 5 ft from the edge of the DW. and follow the contour of the land. The trench will be 2 ft wide, 9 ft deep, and contain 6 ft of stone.

2 Inspections

APPLICATION

A 25702

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 3rd

DATE 4/22/77

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 Lee R. Stirn, Enterprises, Inc.

ADDRESS 11686 Old Fred. Road, Marriottsville, Md. PHONE _____

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. 37C

ROAD AND DESCRIPTION Indian Hill Drive

SIZE OF LOT 5 acres more or less TYPE BLDG. 3 or 4

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/ Lee R. Stirn

APPROVED BY [Signature] FOR San & Tramp DATE 7-16-77
(KIND OF SYSTEM)

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

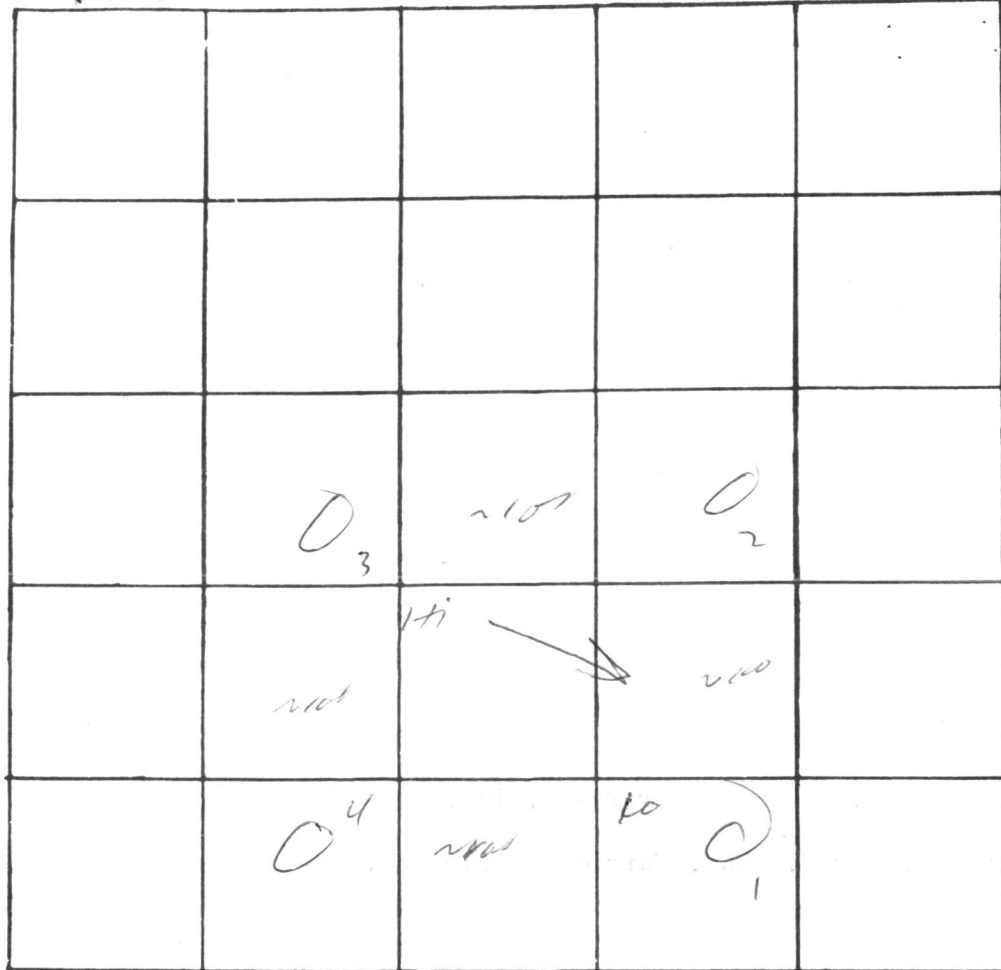
HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

BLDG. PERMIT SIGNED
AND RETURNED 3/13/78
serial # 34553

THIS IS NOT A PERMIT

lot #5



70

INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE

Howard Lodge Dr.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
10/27	1	3	10 ²¹	10 ²⁴	10 ²⁴	10 ²⁸	4
	1A	12	1 ⁰	10 ³⁰	10 ³⁰	10 ³⁵	20
	2	3	10 ³¹	10 ³⁴	10 ³⁴	10 ⁴²	8
	2A	12	10 ³¹	10 ⁴²	10 ⁴²	11 ⁰³	21
	3	3	10 ⁴²	10 ⁴⁹	10 ⁴⁹	11 ⁰⁷	18
	3A	12 ^{1/2}	10 ⁴²	10 ⁵⁷	10 ⁵⁷	11 ²⁰	23
	4	12 ^{1/2}	vis	dry			

REMARKS (test # 3 - high clay compared to rest)

TYPE OF SOIL _____

TESTED BY M ALSO PRESENT: Fyock

SEQUENCE NO. (WRA USE ONLY)
 1 - 5178
 1 2 3 (SEQ. NO.) 6
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON A&L CARDS)

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 COMPLETION

FILL IN THIS FORM COMPLETELY

COUNTY NUMBER W27337

DATE RECEIVED (WRA USE ONLY) _____ DATE WELL COMPLETED March 10, 1978
 DEPTH OF WELL 220 (TO NEAREST FOOT) 22 26
 PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-73-2509
 28 29 30 31 32 33 34 35 36 37
 DRILLERS IDENTIFICATION NO. 256

OWNER Stirn, W LAST NAME Lee Roy FIRST NAME
 STREET OR RFD 11838 Ramsburg Road POST OFFICE Marriottsville, Md. 21104

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	
Dirt	0	8	
Brown Shale	8	26	
Brown Shale	26	27	X
Brown Shale	27	38	
Blue Schist	38	52	
Brown Shale	52	53	X
Blue shale	53	58	
Brown Shale	58	59	X
Blue Shale	59	194	
Blue shale w/ Gravel	194	196	X
Blue Shale	196	220	

WELL DESCRIPTION

GROUTING RECORD
 WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX) YES NO
 TYPE OF GROUTING MATERIAL (CIRCLE "BOX")
 CEMENT BENTONITE CLAY
 NO. OF BAGS 12 NO. OF POUNDS 1,128
 GALLONS OF WATER 72
 DEPTH OF GROUT SEAL (TO NEAREST FOOT)
 FROM 0 FT. TO 40 FT.
 (ENTER 0 IF FROM SURFACE)

CASING RECORD
 INSERT APPROPRIATE CODE BELOW
 STEEL CONCRETE
 PLASTIC OTHER
 MAIN CASING TYPE NOMINAL DIAMETER TOP (MAIN) CASING (NEAREST INCH) 6 TOTAL DEPTH OF MAIN CASING (NEAREST FOOT) 42

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 42 TO 220
 SLOT SIZE 1, _____ 2, _____ 3, _____

DIAMETER OF SCREEN 56 (NEAREST INCH) FROM _____ TO _____
 GRAVEL PACK _____
 IF WELL DRILLED WAS A FLOWING WELL CIRCLE BOX

WRA USE ONLY (NOT TO BE FILLED IN BY DRILLER)
 TELESCOPE CASING LOG INDICATOR OTHER DATA AVAILABLE

PUMPING TEST

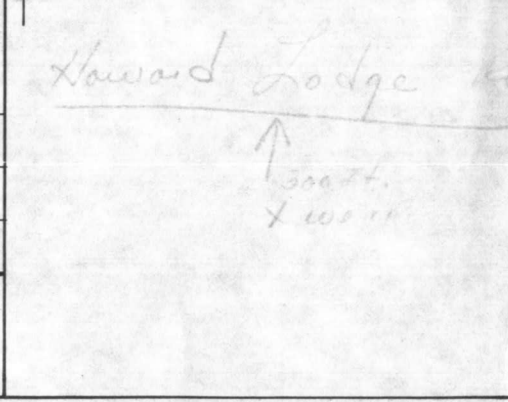
HOURS PUMPED (TO NEAREST HOUR) 6 1/2
 PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON) 4
 METHOD USED TO MEASURE PUMPING RATE Flowmeter
 WATER LEVEL: (DISTANCE FROM LAND SURFACE)
 BEFORE PUMPING 53 (NEAREST FOOT)
 WHEN PUMPING 196 (NEAREST FOOT)
 TYPE OF PUMPED USED (CIRCLE APPROPRIATE BOX)
 AIR PISTON 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 BELOW
 LAND SURFACE (NEAREST FOOT) 50 51

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
 ELECTRIC LOG OBTAINED
 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.

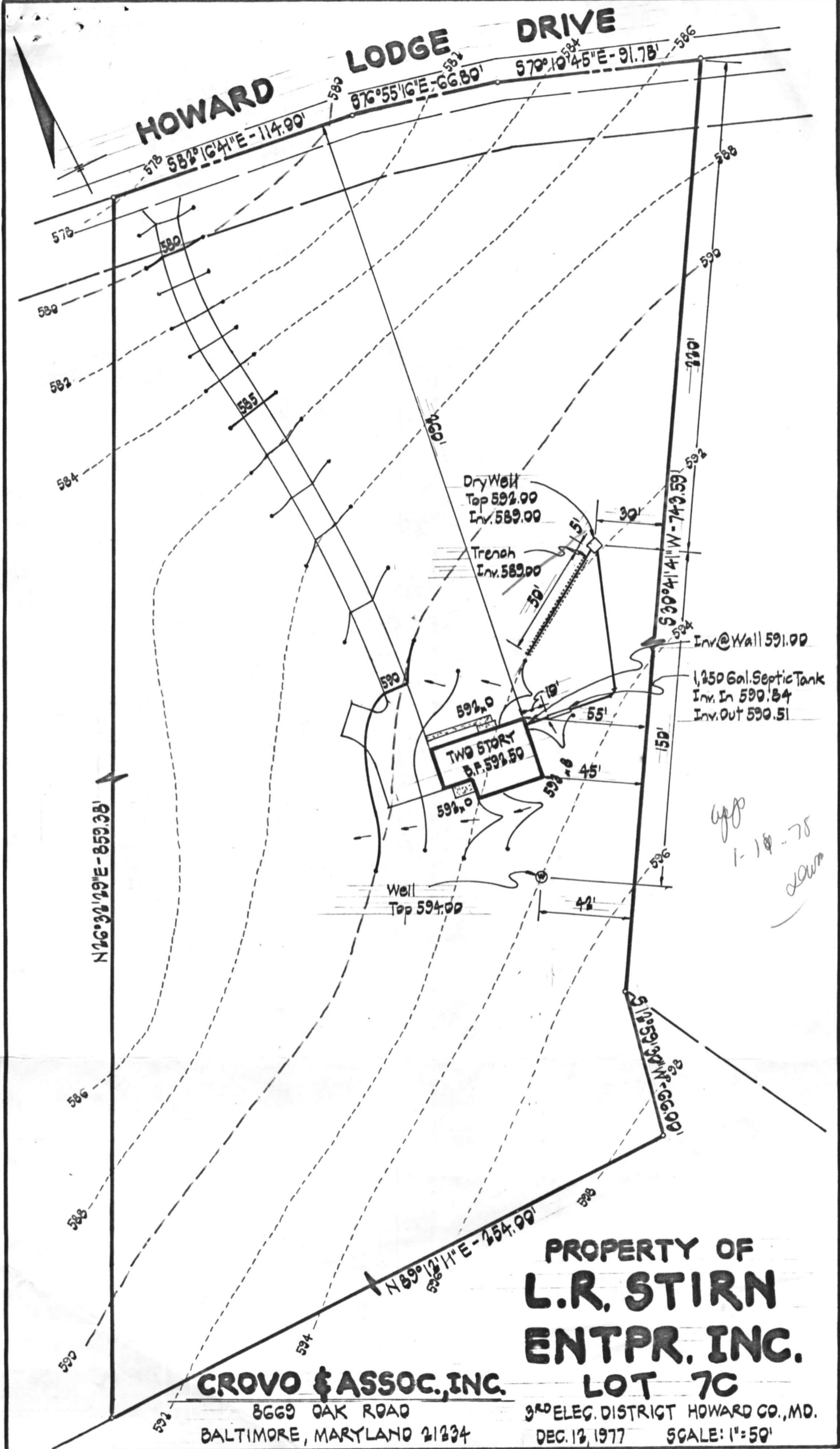
DRILLERS NAME Dana Kyker, Jr. II
 SIGNATURE Dana Kyker, Jr. II

RECEIVED

MAR 13 9 20 AM '79

HOWARD COUNTY
HEALTH DEPT.
ELLCOTT CITY, MD.

HOWARD LODGE DRIVE



gfp
1-14-78
LOW

CROVO & ASSOC., INC.
 8669 OAK ROAD
 BALTIMORE, MARYLAND 21234

**PROPERTY OF
 L.R. STIRN
 ENTPR. INC.
 LOT 7C**

3RD ELEC. DISTRICT HOWARD CO., MD.
 DEC. 13, 1977 SCALE: 1" = 50'