

8-9-79 APPROVED

R. D.

29983

P-29983

A 29969

PERMIT

SEWAGE DISPOSAL SYSTEM
MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

ELLICOTT CITY

DISTRICT 4th

DATE 7/12/79

INDEXED

4-D10

Thomas W. Ohler & Associates

IS PERMITTED TO INSTALL ALTER

ADDRESS 1010 Ingleside Avenue, Baltimore, Md.

PHONE _____

SUBDIVISION Hoods Mill Farms

ROAD Hoods Mill Road

LOT _____

PROPERTY OWNER Earl S. Glascock

ADDRESS 850 Hoods Mill Road, Cooksville, Md.

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 2 ABSORBENT SIDE-WALL AREA _____ SQ. FT. 13 ft. square.

INLET PIPE 3 FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH 11 FT. BELOW ORIGINAL GRADE

EFFECTIVE DEPTH AT 4 FT. BELOW ORIGINAL GRADE.

LOCATE DISPOSAL AREA _____ FT. FROM _____ LOT LINE AND _____ FT. FROM _____ LOT LINE AS SEEN WHEN FACING LOT FROM

Locate 1st dry well 65 ft. from house front and approximately 30 ft. from

extended line of the garage, 2nd dry well 90 ft. from front of house and in line

with garage. Dry Wells connected in series with inlets no deeper than 3 ft.. Septic

tank no deeper than 2 ft. below original grade.

PLANS APPROVED BY Fred Frommelt

DATE 7/12/79

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.

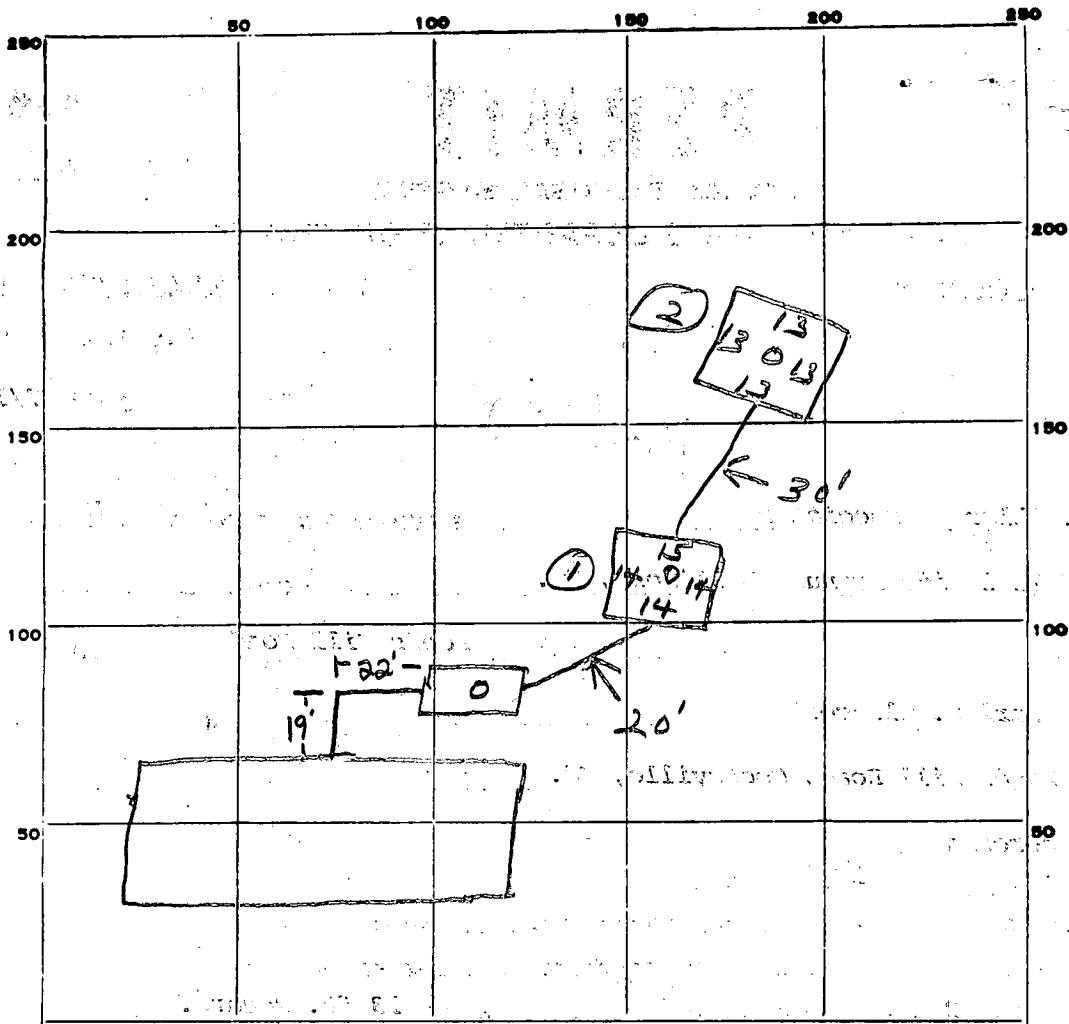
PERMIT VOID AFTER THREE YEARS.

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 29969

109
7
763



INDICATE NORTH. = NAME ADJOINING ROADWAY AS BASE LINE.

PERMIT CARD _____

SEPTIC TANK, LEVEL _____

DISTRIBUTION BOX, LEVEL _____

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

GRAVEL DEPTH _____ IN. TOTAL LENGTH _____ FT.

NUMBER OF TRENCHES _____ TOTAL BOTTOM AREA _____

SEEPAGE PITS, INSIDE DIAMETER 57 FT. DEPTH BELOW INLET (8 ft) (7 effective depth)

ABSORBENT AREA 763 SQ. FT.

REMARKS 7/23/79 System locations OK. OK to cover work.
Call for final when house connection made. J
8-9-79 - OK TO COVER ALL WORK R. D.

DATE SYSTEM APPROVED 8-9-79 INSPECTOR R. Demarco

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH*

HOWARD COUNTY

ELLICOTT CITY

DISTRICT _____

DATE _____

IS PERMITTED TO INSTALL _____ ALTER _____

ADDRESS _____ PHONE _____

SUBDIVISION _____ ROAD _____ LOT _____

PROPERTY OWNER _____

ADDRESS _____

SPECIFICATIONS

SEPTIC TANK CAPACITY 1200 GALLONS

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

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

SEEPAGE PITS 2 ABSORBENT SIDE-WALL AREA _____ SQ. FT. 13 ft. sq.

INLET PIPE 3 FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH 11 FT. BELOW ORIGINAL GRADE *extended line*

EFFECTIVE DEPTH AT 4 FT. BELOW ORIGINAL GRADE. *approx 30 feet address*

LOCATE DISPOSAL AREA 90 FT. FROM 65 FT. FROM *drywell* 90 FT. FROM 65 FT. FROM *from House front and the line with garage end* LOT LINE AND _____ FT. FROM _____ LOT LINE AS SEEN WHEN

FACING LOT FROM

at rear of the garage, 2nd drywell 90 ft. from front of house & in line with garage

- drywells connected in series with inlets no deeper than 3 ft.

Septic tank no deeper than 2 ft below orig. grade

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: IF TRENCH IS USED CALL FOR INSPECTION BEFORE PLACING GRAVEL IN TRENCH.

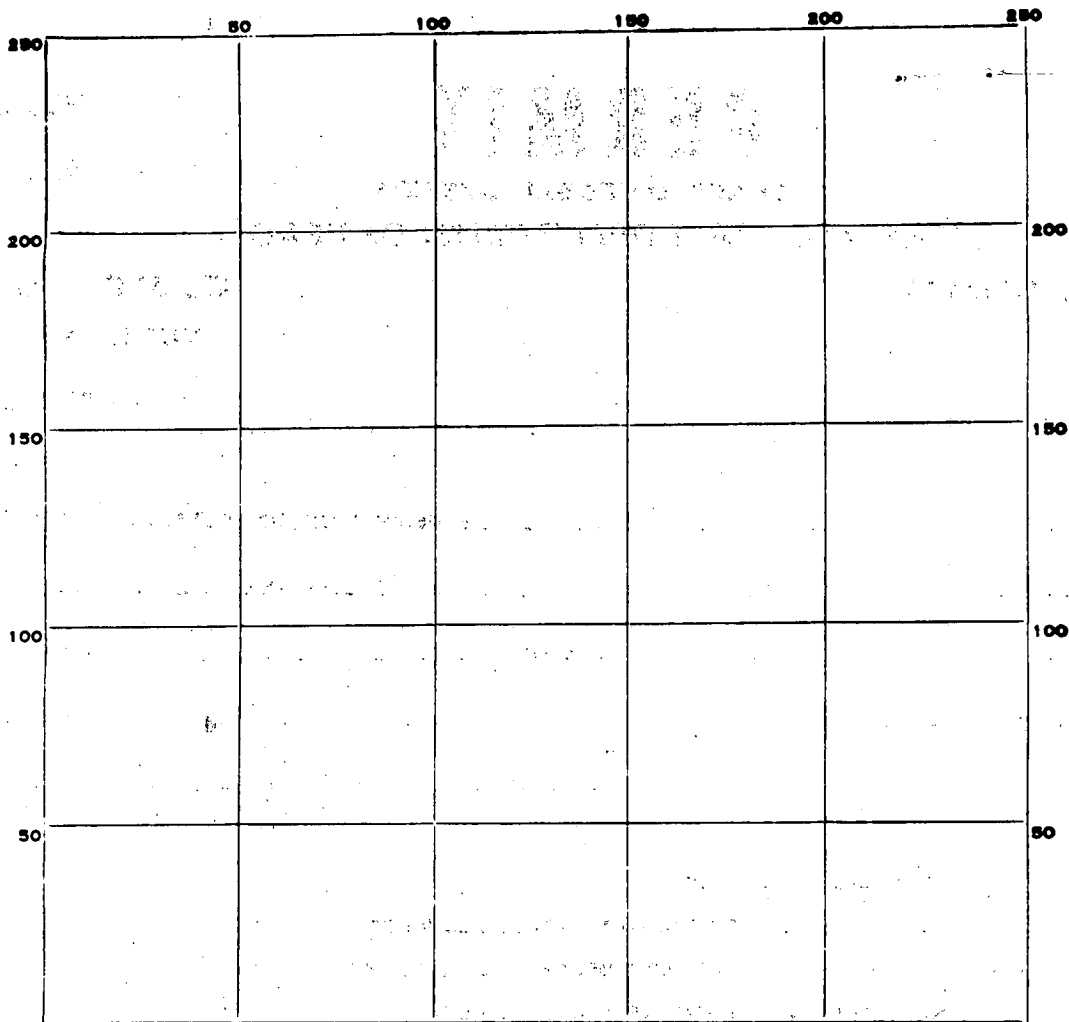
NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER.

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 TERRAZO ACCEPTED.

***INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT.**



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

PERMIT CARD _____

SEPTIC TANK, LEVEL _____

CLEANOUTS _____

DISTRIBUTION BOX, LEVEL _____

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

GRAVEL DEPTH _____ IN. TOTAL LENGTH _____ FT.

NUMBER OF TRENCHES _____ TOTAL BOTTOM AREA _____

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

ABSORBENT AREA _____ SQ. FT.

REMARKS _____

DATE SYSTEM APPROVED _____ INSPECTOR _____

Free
4/25
4/18/79
1:30 p.m.

APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 29622

P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

P.O. BOX 476 ELLICOTT, MARYLAND 21043
TELEPHONE: 992-2330

DISTRICT 4th

DATE 3/28/79

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 Earl S. Glascock

ADDRESS 850 Hoods Mill Road, Cooksville, Md. 21723 PHONE Bill Swann - 286-2608

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. _____

ROAD AND DESCRIPTION Hoods Mill Road (Route 97)

SIZE OF LOT: 10 acres TYPE BLDG. 3 or 4 bedrooms

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.

SIGNATURE OF APPLICANT /s/ William Swann for Earl S. Glascock

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

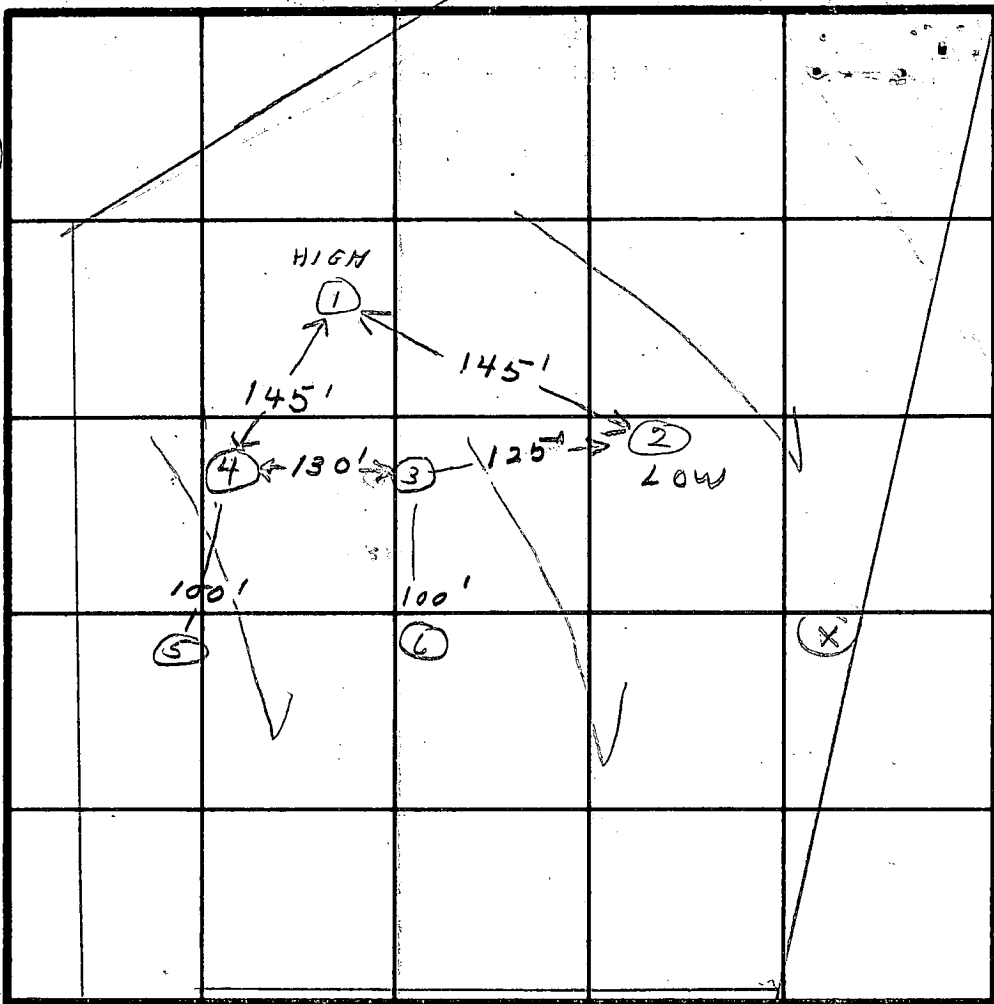
REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

① ② ④

SOIL PROFILE

0-4 FT
 clay, sand
 4-13
 sandy loam
 ③
 hard stone
 bottom 13-15



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

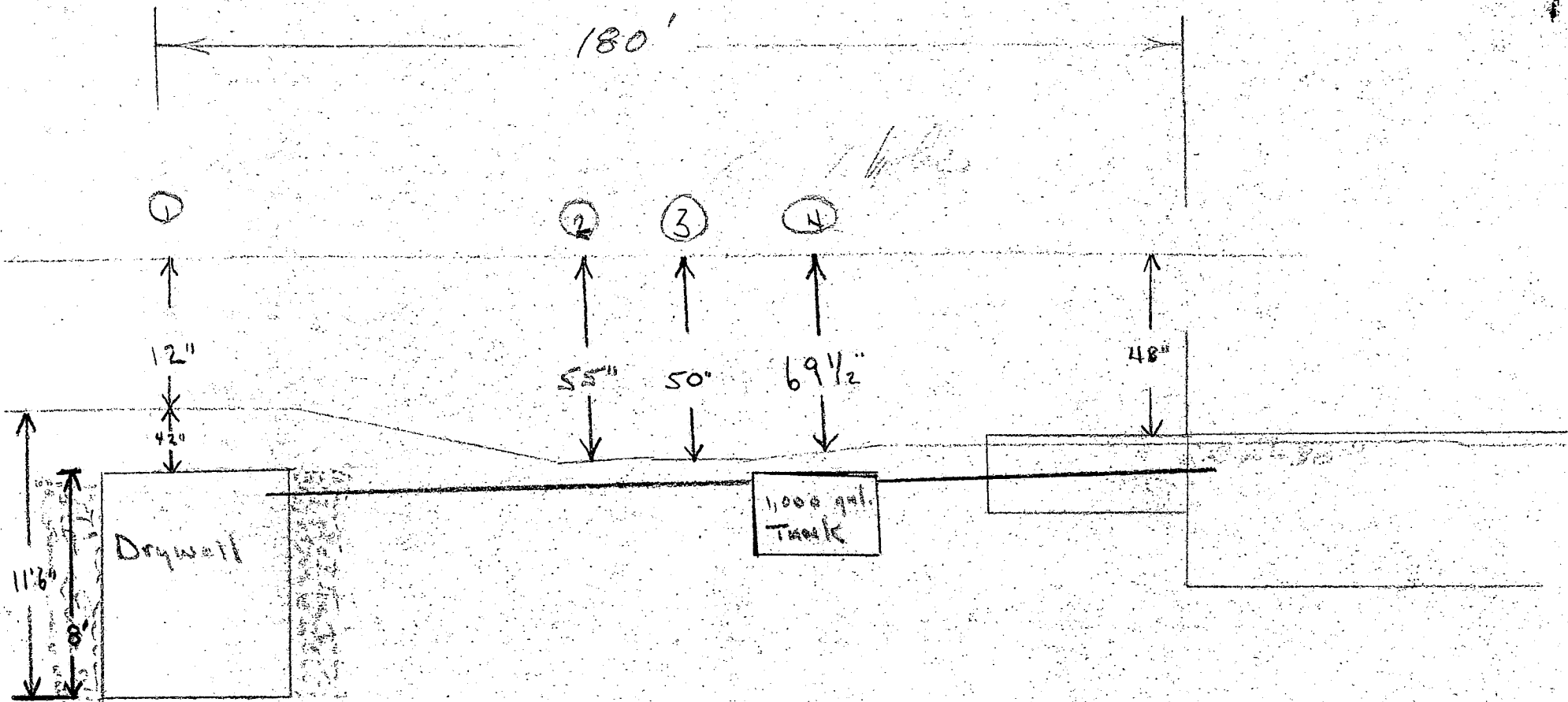
RT 97

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4/25/79	1S	3	1:30	1:35	1:33	1:36	3
	1D	13	1:30	1:36	1:36	1:42	6
	2S	3	1:36	1:42	1:42	1:47	5
	2D	13	1:39	1:42	1:42	1:46	4
	3S	3	1:45	1:47	1:47	1:57	10
	3D	12	2:05	2:09	2:09	2:16	7
	4S	3	2:21	2:23	2:23	2:25	2
	4D	12	2:21	2:30	2:30	2:38	8
	⑤	8	ROCK				
	⑥	6	ROCK				

REMARKS *Lot not staked off.*

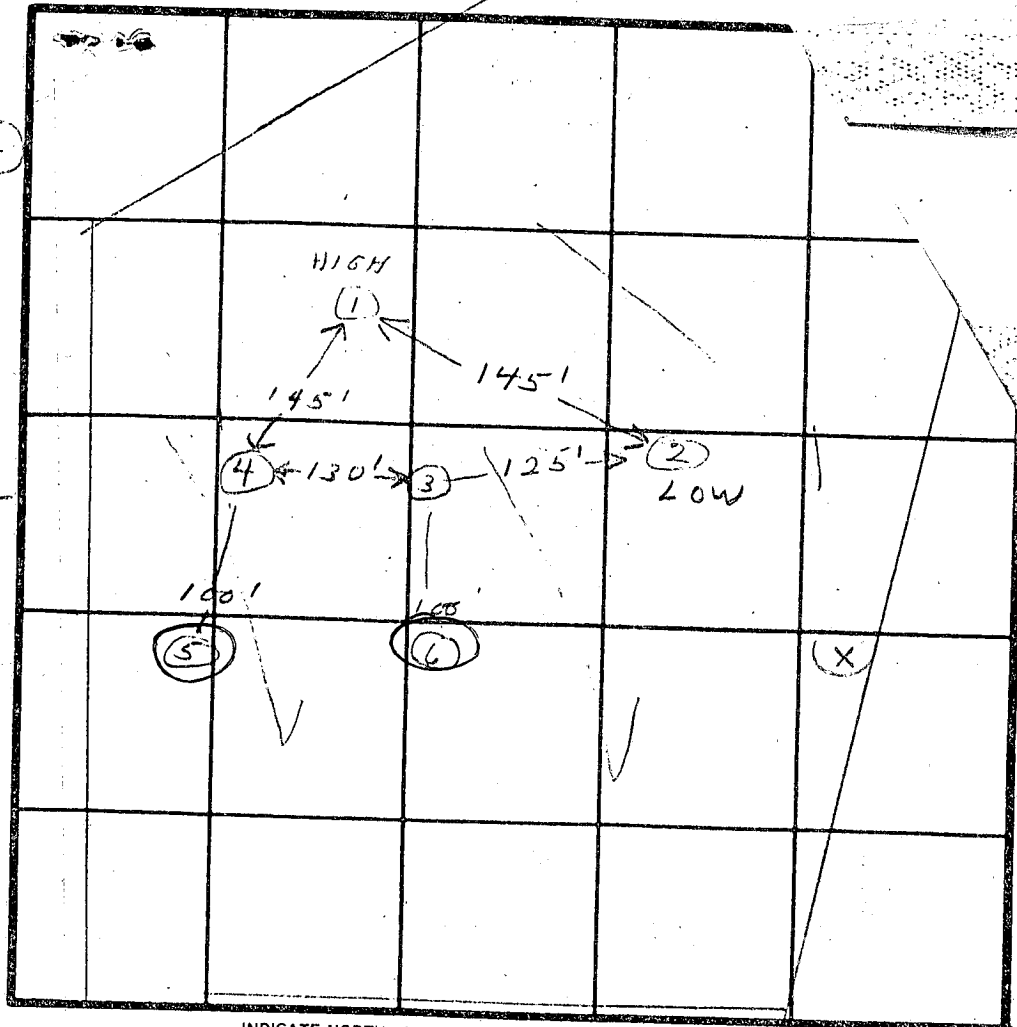
TYPE OF SOIL _____

TESTED BY *JS* ALSO PRESENT *Denny Munk*



Earl Glascock - Woods Mill Rd. (RT 97)

① ② ④
 SOIL PROFILE
 0-4.5' clay, sand
 4-13 sandy loam
 ③
 Sand stone bottom 12.5'



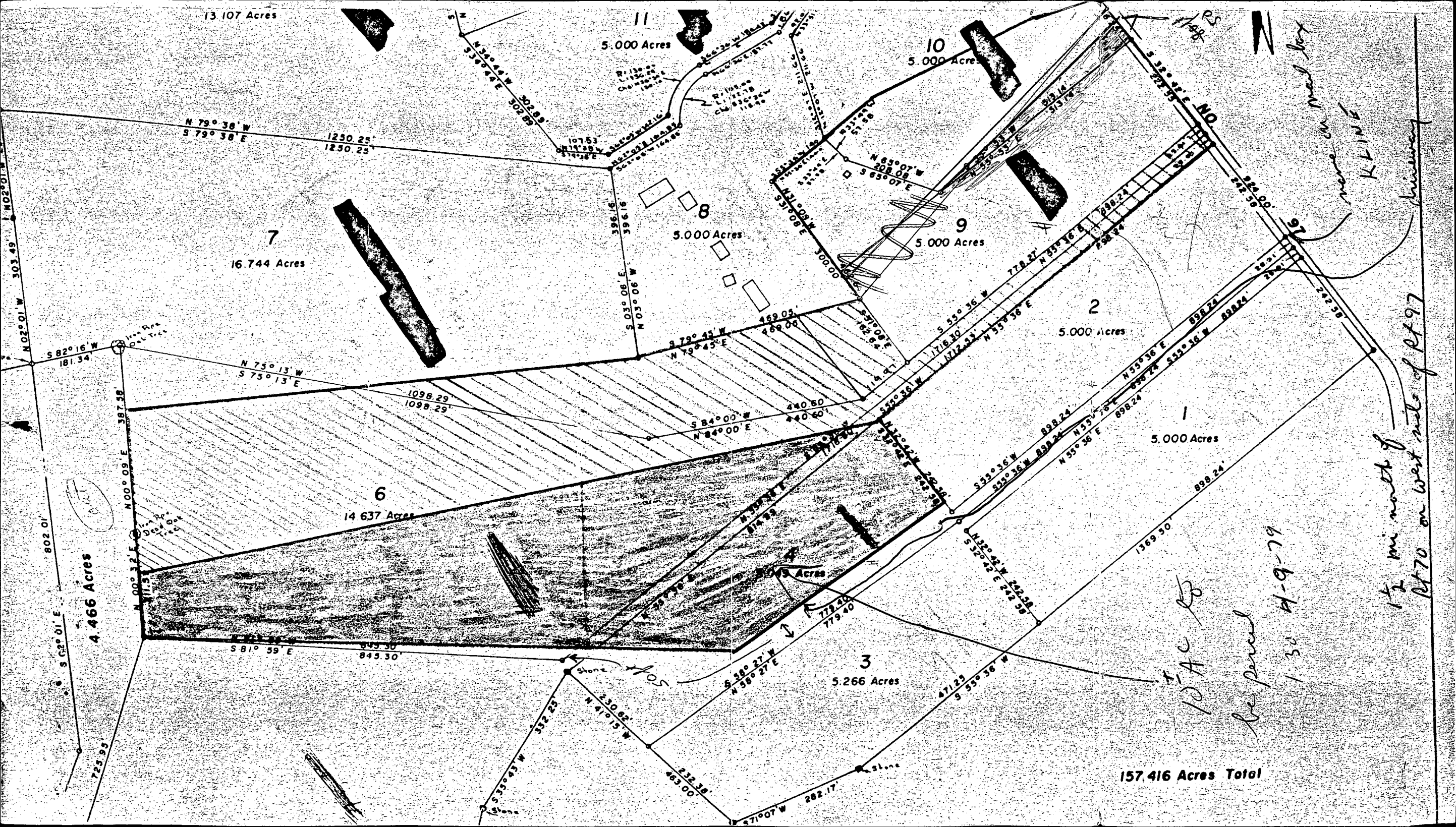
INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE
 RT 97

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4/25/79	1S	3	1:30	1:38	1:33	1:36	3
	1D	13	1:30	1:36	1:36	1:42	6
	2S	3	1:36	1:42	1:42	1:47	5
	2D	13	1:39	1:42	1:42	1:46	4
	3S	3	1:45	1:47	1:47	1:57	10
	3D	12	2:05	2:09	2:09	2:16	7
	4S	3	2:21	2:28	2:23	2:25	2
	4D	12	2:01	2:30	2:30	2:38	8
	⑤	8	ROCK				
	⑥	6	ROCK				

REMARKS Lot not staked off.

TYPE OF SOIL _____

TESTED BY *JS* ALSO PRESENT *Denny Mank*



13.107 Acres

5.000 Acres

5.000 Acres

7
16.744 Acres

8
5.000 Acres

9
5.000 Acres

5.000 Acres

5.000 Acres

4.466 Acres

6
14 637 Acres

3
5.266 Acres

157.416 Acres Total

107AC RD
be parcel
1-30 A-9-79

1/2 mi north of Pt 70 on west side of Pt 97 driveway

more on map for KLINE

N 79° 38' W 302.89'
S 79° 38' E 1250.25'

N 130° 02' W 102.16'
S 130° 02' E 102.16'

N 83° 07' W 208.02'
S 83° 07' E 208.02'

N 75° 13' W 1098.29'
S 75° 13' E 1098.29'

S 79° 45' W 469.05'
N 19° 45' E 469.05'

S 55° 36' W 772.27'
N 34° 24' E 772.27'

S 55° 36' W 898.24'
N 34° 24' E 898.24'

S 55° 36' W 898.24'
N 34° 24' E 898.24'

S 82° 16' W 181.34'
N 02° 01' W 303.49'

S 82° 01' E 802.01'
N 00° 32' E 387.58'

S 81° 59' E 845.30'
N 00° 09' E 387.58'

S 39° 27' W 230.62'
N 50° 27' E 230.62'

S 55° 36' W 471.25'
N 34° 24' E 471.25'

S 55° 36' W 1369.50'
N 34° 24' E 1369.50'

S 72° 35' W 723.95'

S 33° 43' W 332.25'

S 33° 43' W 463.38'

S 71° 07' W 282.17'

N

107.53

Stone

Stone

148

105

107AC RD

be parcel

1-30 A-9-79

1/2 mi north of Pt 70 on west side of Pt 97 driveway

more on map for KLINE

B 1 5503 SEQUENCE NO. (WRA USE ONLY) **STATE OF MARYLAND**
WATER RESOURCES ADMINISTRATION
 TAWES STATE OFFICE BLDG., ANNAPOLIS, MARYLAND 21401
APPLICATION FOR PERMIT TO DRILL WELL WRA PERMIT NUMBER
 FILL IN THIS FORM COMPLETELY

DATE RECEIVED (WRA USE ONLY) 5/9/79 9:30 A.M.
 OWNER COL 18 LAST NAME Glascock FIRST NAME Earl and Beverly COL. 34
 STREET OR RFD COL 36 850 - Rt 97 COL. 55
 POST OFFICE COL 57 Cokeville MD 21723 COL. 76

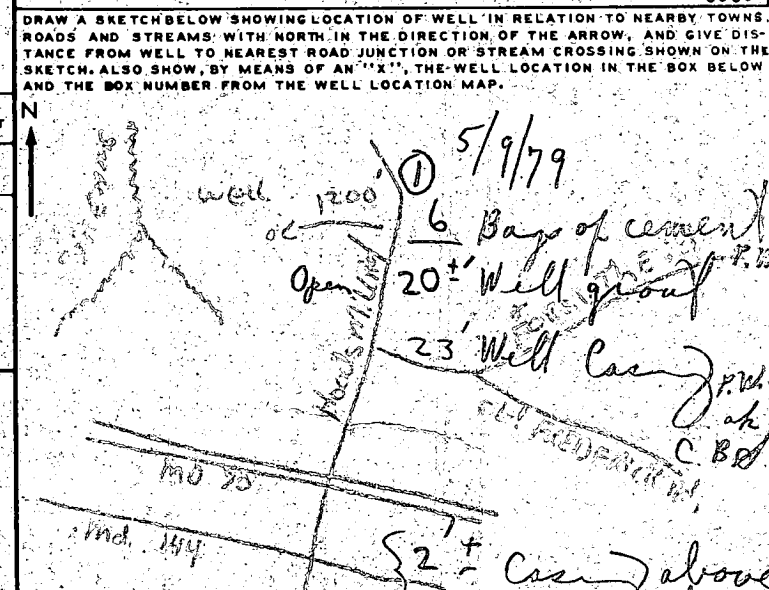
B 1 CONTINUED **DRILLER INFORMATION**
 1 2 3 (SEQ. NO.) 6
 DATE April 5, 1979 LICENSE NUMBER 273
 FIRST NAME Ralph DRILLER LAST NAME Manner
 SIGNATURE Ralph Manner

B 3 **LOCATION OF WELL**
 1 2 3 (SEQ. NO.) 6
 COUNTY Howard (DO NOT ABBREVIATE COUNTY NAME) 21
 SUBDIVISION Hoods Mill Farm 42
 SECTION none 23 40 ACRES LOT none 42
 NEAREST TOWN Cokeville 50
 MILES FROM TOWN (ENTER 0 IF IN TOWN) 2 MI 71
 73 76 77 78

B 2 **WELL INFORMATION**
 1 2 3 (SEQ. NO.) 6
 MAXIMUM PUMPING RATE (GALLONS PER MINUTE) 5 8 12
 AVERAGE DAILY QUANTITY NEEDED (GALLONS PER DAY) 700 14 20
 USE FOR WATER (CIRCLE APPROPRIATE BOX)
 HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
 FARMING, AGRICULTURE, IRRIGATION
 INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOVERNMENT.
 MUNICIPAL WATER SUPPLY
 PRIVATE WATER COMPANY } MUST HAVE STATE HEALTH DEPT. APPROVAL
 TEST

B 4 **DIRECTION FROM TOWN**
 (CIRCLE APPROPRIATE BOX)
 N NORTH E EAST NE NORTHEAST SE SOUTHEAST
 S SOUTH W WEST NW NORTHWEST SW SOUTHWEST
 NEAR WHAT ROAD Hoods Mill Rd.
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) N S E W
 DISTANCE FROM ROAD (ENTER DISTANCE AND CIRCLE APPROPRIATE BOX) 1200 MI 37
 38 39

APPROXIMATE DEPTH OF WELL 150 FEET
 APPROXIMATE DIAMETER OF WELL 6 (NEAREST INCH)
 METHOD OF DRILLING USED (CIRCLE APPROPRIATE METHOD)
 BORED (OR AUGERED) JETTED DRIVEN
 AIR-ROTARY AIR-PERCUSSION ROTARY (HYDRAULIC ROTARY)
 CABLE REVERSE-ROTARY DRIVE-POINT
 OTHER (DESCRIBE)



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 (WRA USE ONLY)
 APPROPRIATION PERMIT NUMBER 54 ENGINEER REVIEW DISTRICT NO.
 FORCE WRITE INITIALS IN BOX CONDITIONS A E N S G W Q C L U
 67 68 70 71 72 73 74 75 76 77 78 79

BOX NUMBER 790
 NORTH COORDINATE 540
 EAST COORDINATE
 ELEVATION AT WELL HEAD (FEET) 0/0
 (1) No house
 (2) No existing
 (3) House stakes -
 Well-way down hill

B 4 CONTINUED **HEALTH DEPARTMENT APPROVAL**
 1 2 3 (SEQ. NO.) 6
 STATE HEALTH COUNTY NAME Howard COUNTY NO. 170422
 MO. DAY YR. 02 11 79
 DATE APPROVED BY [Signature]
 43 48 Head Products Sanitation

B 5 SPECIAL CONDITIONS 8-63 (WRA USE ONLY)
 1 2 3 (SEQ. NO.) 6

② Dry hole filled in 3 bags of cement (Note: Keep receipts from well) HEALTH Office grant permission given to drill - draw well per Ralph

hole depth

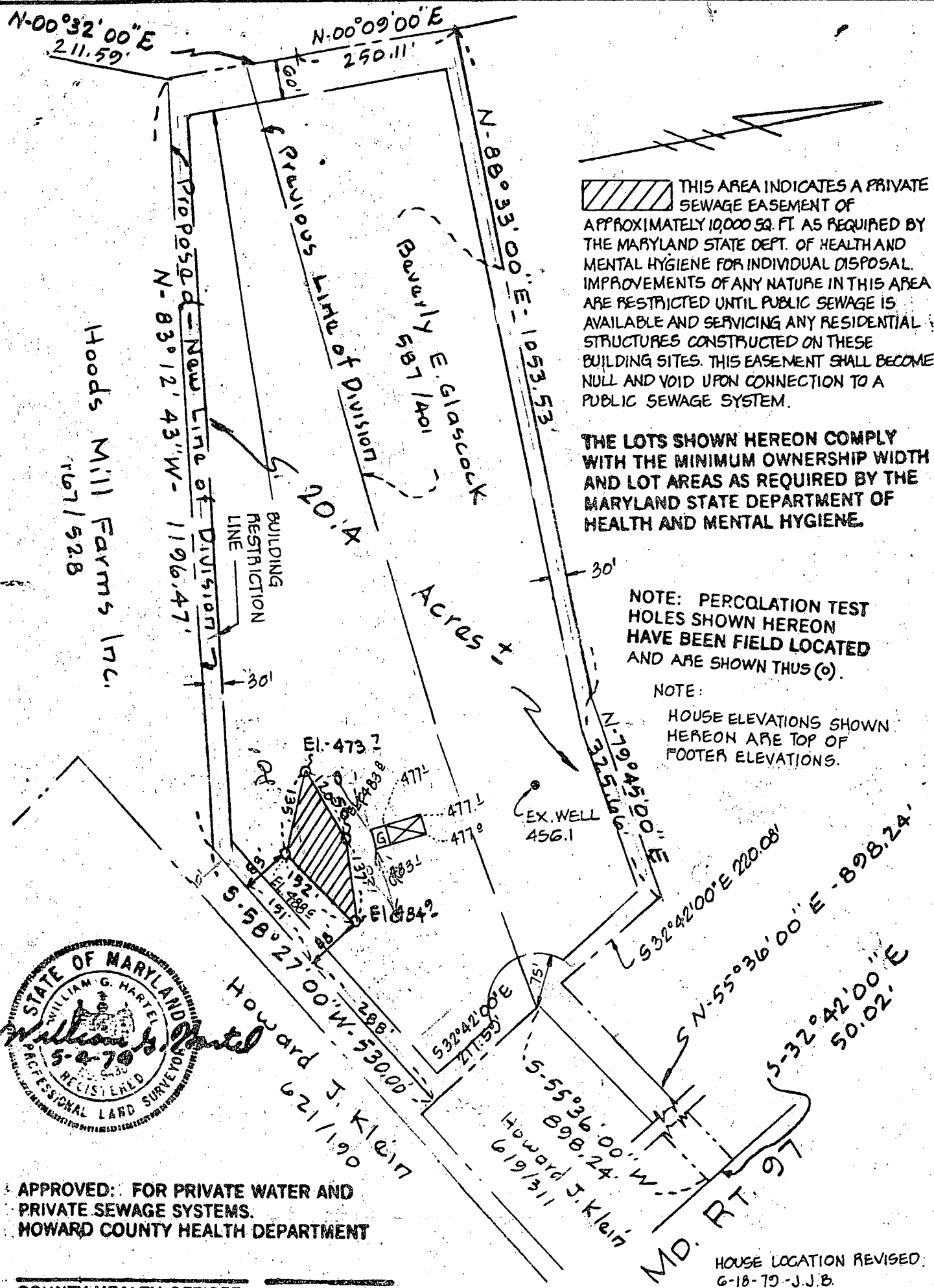
- 7^s 4' 10 37 - 45
- 7^m 9¹/₂ 50 - 53-60
- 7^D 13¹/₂ long soil small rocks (very few)
- 8^s 4¹/₂ 11 28 - 33 - 43
- 8^m 9 same as other medium shelf
- 8^D 13 sandy, some small rock



drywells

2 - 13' Sq. 52
 7
 59
 inlet 3" eff starts 4'
~~septic tank~~ septic tank no deeper than
 2 ft. below original grade

location - 2nd drywell 90' from front of house in line
 with garage 1st drywell 30 ft. from 2nd & 20 ft uphill



THIS AREA INDICATES A PRIVATE SEWAGE EASEMENT OF APPROXIMATELY 10,000 SQ. FT. AS REQUIRED BY THE MARYLAND STATE DEPT. OF HEALTH AND MENTAL HYGIENE FOR INDIVIDUAL DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE AND SERVICING ANY RESIDENTIAL STRUCTURES CONSTRUCTED ON THESE BUILDING SITES. THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM.

THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREAS AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE.

NOTE: PERCOLATION TEST HOLES SHOWN HEREON HAVE BEEN FIELD LOCATED AND ARE SHOWN THUS (o).

NOTE: HOUSE ELEVATIONS SHOWN HEREON ARE TOP OF FOOTER ELEVATIONS.



APPROVED: FOR PRIVATE WATER AND PRIVATE SEWAGE SYSTEMS. HOWARD COUNTY HEALTH DEPARTMENT

COUNTY HEALTH OFFICER _____ DATE _____

HOUSE LOCATION REVISED: 6-18-79 - J.J.B.

TITLE PERCOLATION CERTIFICATION			
PROJECT GLASCOCK PROPERTY			
LOCATION FOURTH ELECTION DISTRICT, HOWARD Co. MD.			
DATE: 5-4-79	DESIGN BY:	DRAWN BY: PJT	CHECKED BY:
SCALE: 1"=200'	JOB NO.: 7961	DRAWING NO.: 1 of 1	

boender associates

**engineers
surveyors
planners**