

6/28/82

PERMIT

P 31839
A 31383

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

ELLICOTT CITY

DISTRICT _____

DATE March 22, 1982

INDEXED

01-169076

Dwight L. McCurdy

IS PERMITTED TO INSTALL ☒ ALTER _____

ADDRESS 6594 Pheasant Drive, Elkridge, Md. 21227 PHONE 796-0766

SUBDIVISION Talbot's Last Shift ROAD 5253 Talbot's Landing Road LOT 10, D.

PROPERTY OWNER Dwight L. McCurdy

ADDRESS Same as above

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 _____ SQ. FT.

INLET PIPE _____ FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH _____ 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

Trenches to be 2' wide. Inlet to be 4' below original grade, effective absorbant area 5'-9' only. Max. depth 9' below original grade. Minimum of 170' sq.ft. per bedroom. Trenches not to exceed 100' in length. Distribution box to be used if more than 1 trench used. Two inspt. required - before and after stone installed. If more than 1 trench used - need to have 15 ft. distance between trenches, center to center. Run trenches on contour and/or on level ground as much as possible. Start trenches at a point 85' from left property line and 100' in from front property line being 73 7/8' in length when facing lot from road and/or R/W.

PLANS APPROVED BY Charles B. Streaker [ok c.b.d. 3/22/82] DATE March 22, 1982

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.

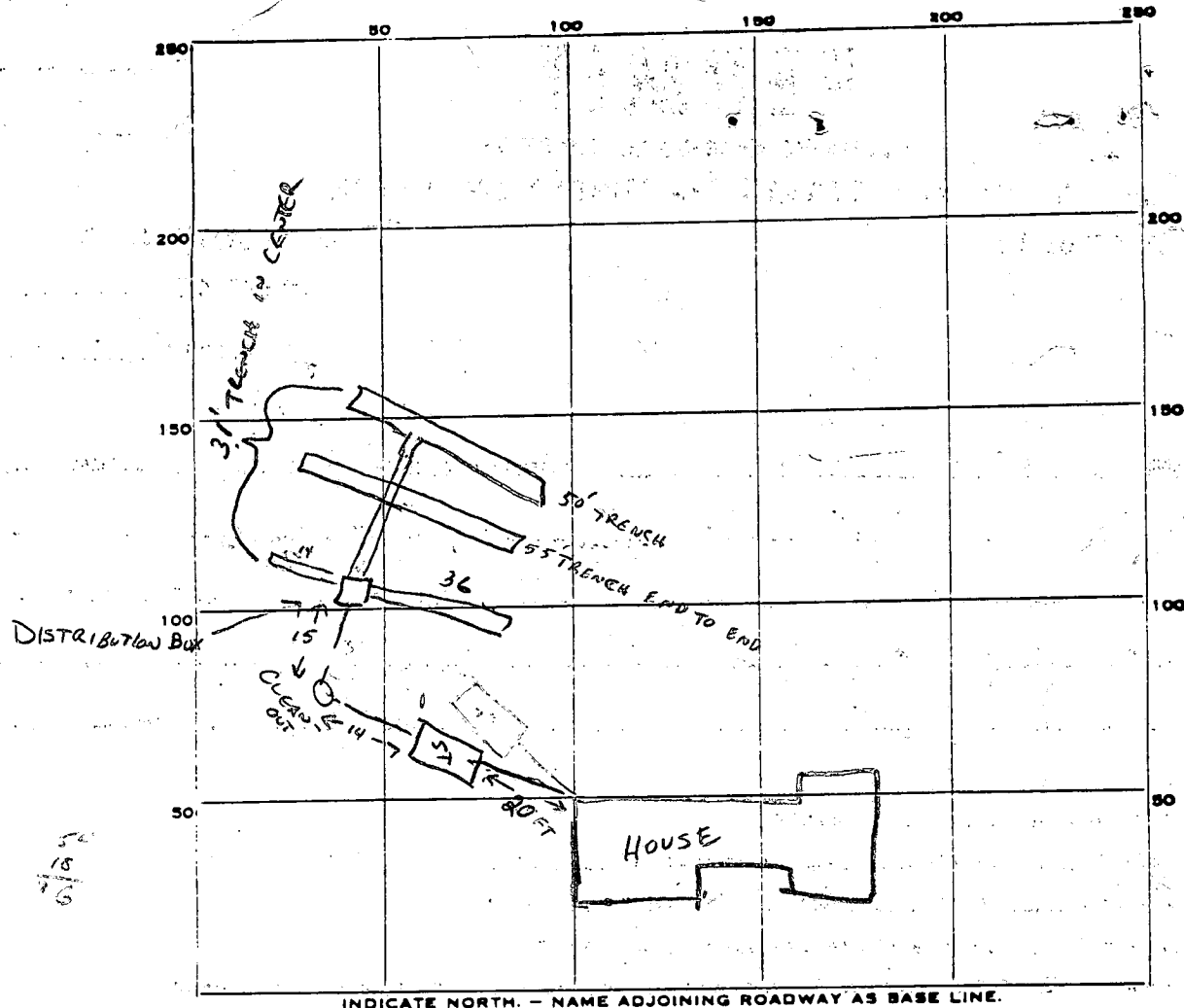
EDG. PERMIT SIGNED

AND RETURNED 8/3/88

Serial # 20383
one can garage

EH-2-1079

A 31383



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE

PERMIT CARD

SEPTIC TANK, LEVEL OK 1500 G

	ST	BEUD
CLEANOUTS	YES	YES

DISTRIBUTION BOX, LEVEL OK

TRENCH

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

GRAVEL DEPTH 4 1/2 ft ~~in.~~ TOTAL LENGTH 186 FT.

NUMBER OF TRENCHES 4 TOTAL ^{SIDEWALL} ~~BOTTOM~~ AREA 774 (186x4)

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

ABSORBENT AREA 774 SQ. FT.

6-22-82

REMARKS S.T. LOCATION OK. OK TO COVER TANK AND PROCEED WITH TRENCHES. RH6CW

6-23-82 TRENCHES OK. FILL WITH GRAVEL + CALL FOR INSPECTION. COVER SEPTIC TO TRENCH. JSTCW

6:28-82 OK TO COVER ALL WORK. MUST SEE HOUSE CONNECTION. Cwt JS

DATE SYSTEM APPROVED _____

INSPECTOR

PRELIMINARY

APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

P. O. BOX 473 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 992-2330

A 31383

P

DISTRICT 1st

DATE 5/19/81

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 Associates

ADDRESS

PHONE Don Reuwer - 531-6455

PROPERTY LOCATION

SUBDIVISION Talbot's Last Shift

LOT NO. (?) (100 ENLARGED)

ROAD AND DESCRIPTION Ilchester Road

SIZE OF LOT

(?)

TYPE BLDG. 3 or 4 bedrooms

(NUMBER OF 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. I ALSO AGREE TO COMPLY

WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT /s/ Don Reuwer for Howard Associates.

(SIGNATURE OF APPLICANT)

APPROVED BY

FOR

DATE

REJECTED BY

FOR

DATE

HOLD PENDING FURTHER TESTS

DATE

REASONS FOR REJECTION OR HOLDING

1. OFFICE -

2. NARROW TRENCHES

3. NO TRENCHES

05/13/81

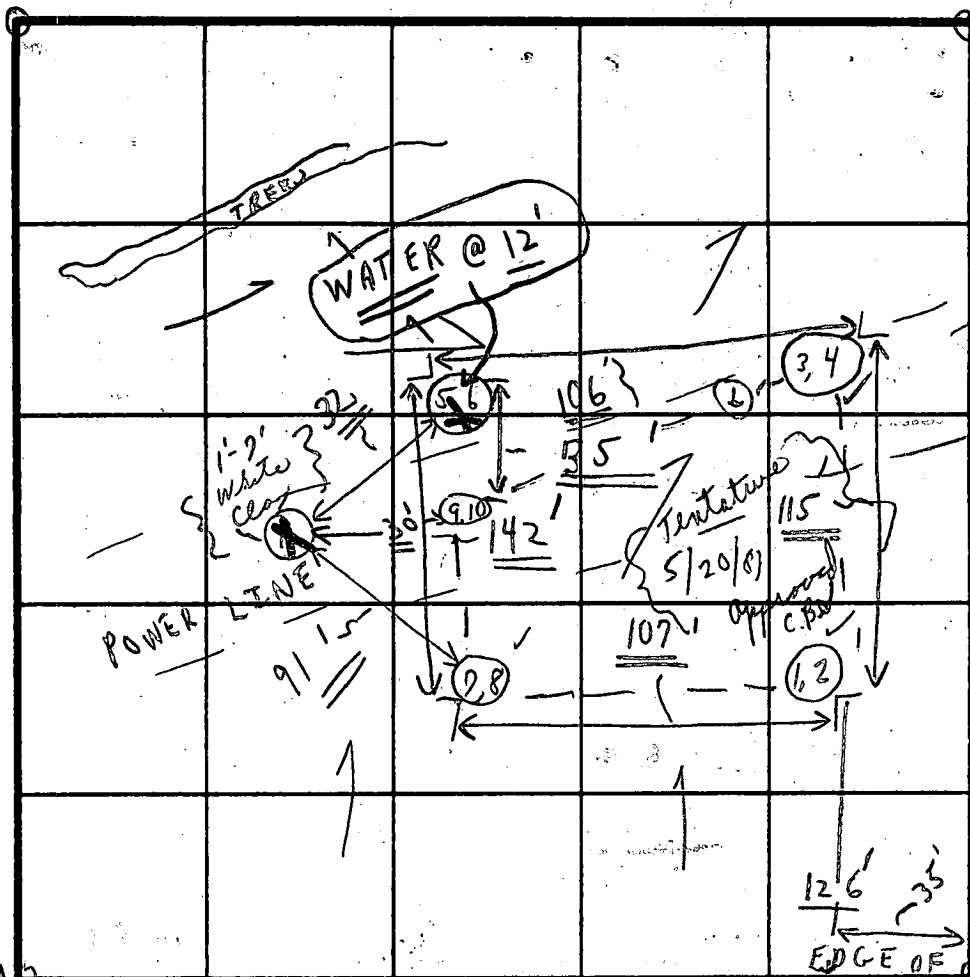
THIS IS NOT A PERMIT

ENLARGED

10 D

PM
SURVEYOR
SOIL PROFILE

SEE
EACH
HOLE
BELOW



FIELD SHEET

ILCHESTER
ROAD

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

R/W ROAD

SOIL PROFILE

	DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
				START	STOP	START	STOP	
1'-5' CLAY	5/20/81	1	5'	10:28	10:32	10:32	10:39	7m
5'-13 1/2' LOAM + SAND + ROTTEN TYPE SANDSTONE		2 A	9 1/2'	10:28	10:32	10:32	10:40	8m
1'-4' CLAY		3	4'	9:55	9:59	9:59	10:07	8m
(4'-14' LOAM - 14')		4	9'	9:55	9:59	9:59	10:19	20m
1'-5' CLAY		5 A	5 1/2'	9:57	10:10	10:10	1: (SEE 5B)	5B
5 1/2' - 12' SANDY LOAM TO 12' - WATER		6	10'	9:58	10:10	10:10	10:27	17m
1'-5' CLAY		7	5'	10:14	10:17	10:17	10:24	7m
5'-13 1/2' LOAM SOME SANDSTONE		8	9'	10:14	10:17	10:17	10:24	7m
		5B	5 1/2'	10:26	10:42	10:42	11:10	28m XX
1'-6 1/2' CLAY		9	6 1/2'	11:15	11:21	11:21	11:31	10m
{ SANDY LOAM - SOME SANDSTONE } 6 1/2' - 14 1/2'		10	14 1/2'	(NO TESTS; SIMILAR SOIL TO #9)				

REMARKS { TESTS IN OPEN FIELD }
ENLARGED 10 D SEE PLAT
TYPE OF SOIL { HOLE (9, 10) OPEN IN HOUR }
TESTED BY C. B. S. { 1' ± HIGHER, NO WATER THAN (5, 6) }
ALSO PRESENT { C. HADGINS }
{ O. KETTERMANS }
(3)

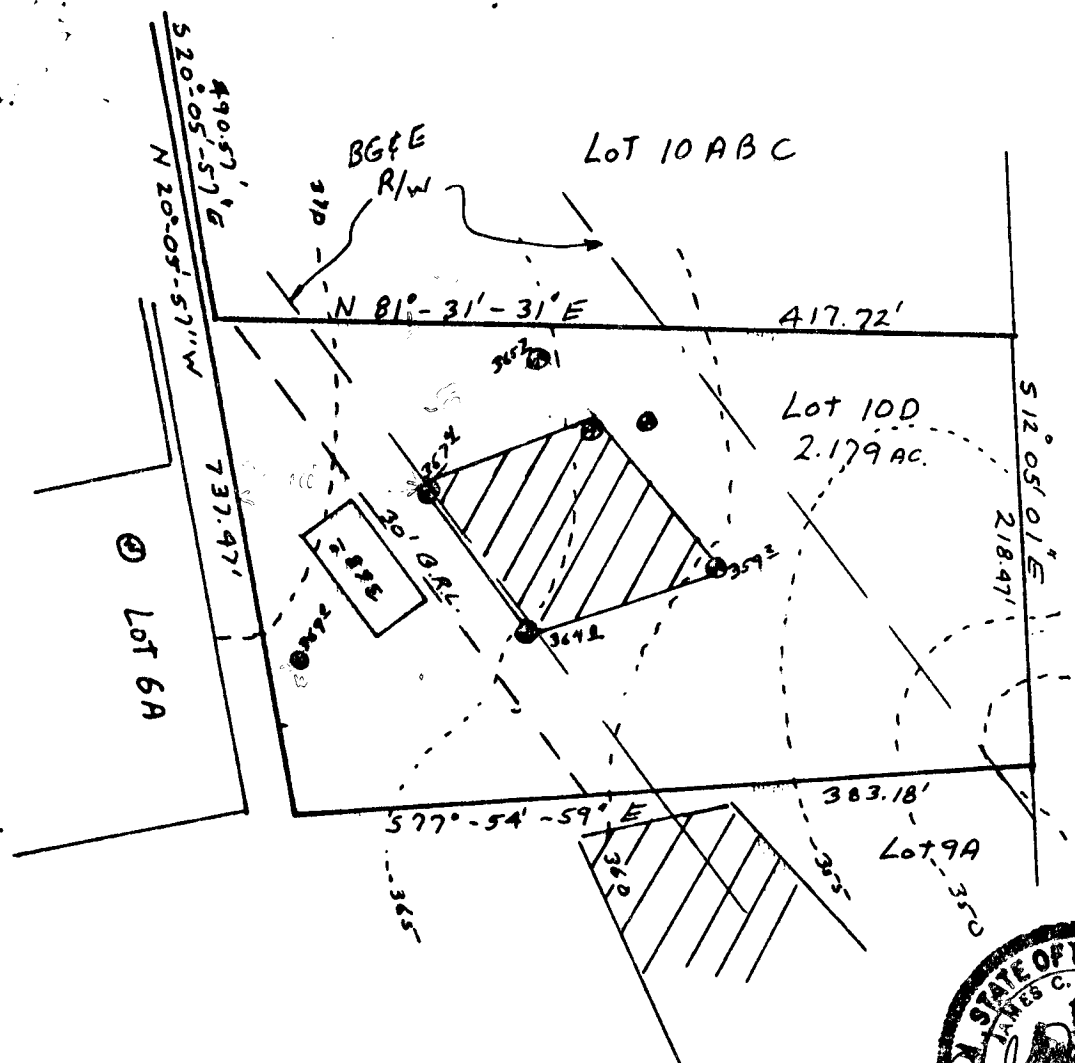
EH-12-1079

170' B.R.

WATER STAYED
12'-WATER 1/4"
OUT SIDEWALK
FOR 1 1/4"

767

D. NEW LOT LINES
E. WATER (used)
WET SEASON
POSSIBLY
4/11 use
This not



This area designates a private sewage easement of 10,000 square feet as required by the Maryland State Department of Health and Mental Hygiene for individual sewage disposal. Improvements of any nature in this area are restricted until public sewage is available. These easements shall become null and void upon connection to a public sewage system. The County Health Officer shall have the authority to grant variances for encroachments into the private sewage easement. Recordation of a modified sewage easement shall not be necessary. Percolation test holes shown hereon have been field located and shown as "●".

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.

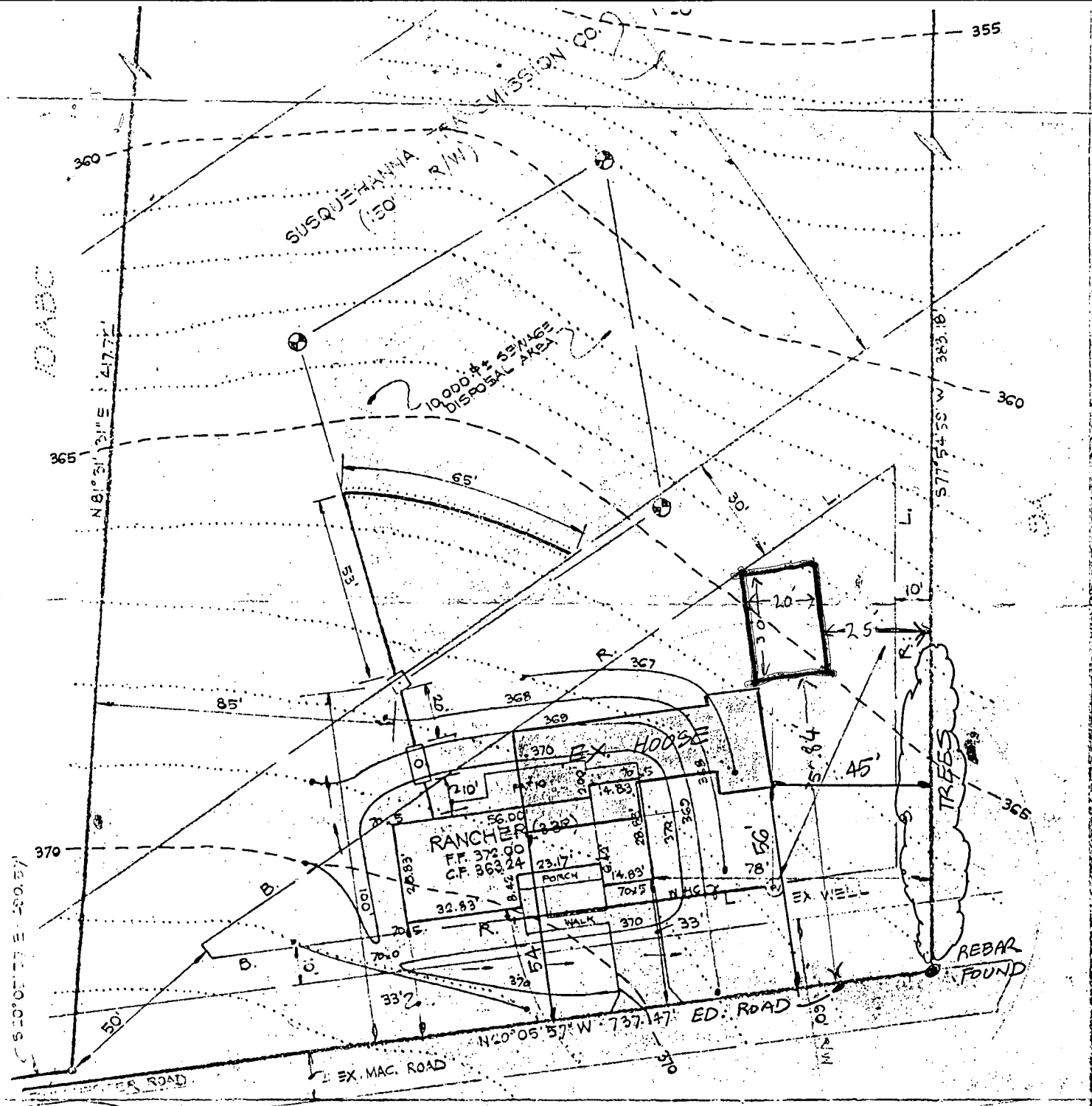
Percolation areas and water wells for adjoining lots have been shown where pertinent.

APPROVED: For Private Water and Private Sewage Systems

James C. McHugh 9-17-81
County Health Officer Date

PERCOLATION TEST PLAT
PARCEL 10D
TALBOT'S LAST SHIFT
Property of
Howard Associates
ILCHESTER ROAD
1st Election District
Howard County, Maryland
Scale 1"=100'
Date 9-12-81

NTT Associates
Suite 307, Clark Bldg.
Columbia, MD 21044
321-0307



I CERTIFY THE ABOVE MEASUREMENTS AND ELEVATIONS
ARE ACTUAL AND CORRECT FOR THIS PROPERTY.

12-21-81 *John C. Mellema Sr.* REG. NO. 107

8/3/88
OK TO SIGN

NOTE: SEWAGE PUMP REQUIRED
FOR BASEMENT SERVICE.

NO PROBLEM

SITE PLAN
TALBOT'S LAST SHIFT - LOT 100
1ST ELECTION DISTRICT HOWARD CO., MD.

JOHN C. MELLEMA SR. INC.
LAND SURVEYORS
3704 MASTAVISH AVENUE - BALTIMORE, MARYLAND
21220

SCALE
1" = 40'

DATE
12/21/81

JOB NO.

C 1	8191	SEQUENCE NO. (WRA USE ONLY)	STATE OF MARYLAND		THIS REPORT MUST BE SUBMITTED WITHIN 30 DAYS AFTER WELL IS COMPLETED
			WELL COMPLETION REPORT		
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)			FILL IN THIS FORM COMPLETELY PLEASE PRINT OR TYPE		COUNTY NUMBER

Date Received (WRA use only)	Oct 2, 1981	DATE WELL COMPLETED	Depth of Well 205'	PERMIT NO. FROM "PERMIT TO DRILL WELL"
			(TO NEAREST FOOT)	40-73-F007

OWNER	McCurdy	Dwight	TOWN	Ellicott City
STREET OR RFD	Ilchester Road			
SUBDIVISION	Talbots Last Shift	SECTION	LOT	100

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	2	30	
Sandy			
Sand Stone	30	35	
Mick A	35	48	
Sand Stone	48	60	
Mick A	60	205	

WELL HAS BEEN GROUTED
(Circle Appropriate Box)

TYPE OF GROUTING MATERIAL
CEMENT ☒ BENTONITE CLAY ☐

NO. OF BAGS 11 NO. OF POUNDS 100

GALLONS OF WATER 66

DEPTH OF GROUT SEAL (to nearest foot)
from 0 ft. to 138 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) to

SCREEN RECORD

screen type or open hole

insert appropriate code below

STEEL ☐ BRASS ☐ OPEN HOLE ☒
PLASTIC ☐ OTHER ☐

DEPTH (nearest ft.)

1 140 40 205

2

3

SLOT SIZE 1 2 3

DIAMETER OF SCREEN (NEAREST INCH)

from to

GRAVEL PACK

IF WELL DRILLED WAS FLOWING WELL CIRCLE BOX ☐

WRA USE ONLY
(NOT TO BE FILLED IN BY DRILLER)

T (E.R.O.S.) W.Q.

TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST

HOURS PUMPED (nearest hour) 5

PUMPING RATE (gal. per min. to nearest gal.) 30

METHOD USED TO MEASURE PUMPING RATE Bucket

WATER LEVEL (distance from land surface)

BEFORE PUMPING 30

WHEN PUMPING 205

TYPE OF PUMP USED (for test)

☒ air ☐ piston ☐ turbine
☐ centrifugal ☐ rotary ☐ other (describe below)
☐ jet ☐ submersible

PUMP INSTALLED YES NO

DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX) ☐ ☒

IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE

TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX - SEE ABOVE: (A, C, J, P, R, S, T, O))

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 2

below

LAND SURFACE

(nearest foot)

LOCATION OF WELL ON LOT

SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)

well 50'

150'

Road

CIRCLE APPROPRIATE BOX

☐ A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED

☐ E ELECTRIC LOG OBTAINED

☐ P TEST WELL CONVERTED TO PRODUCTION WELL

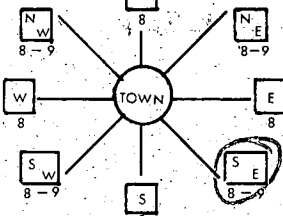
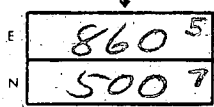
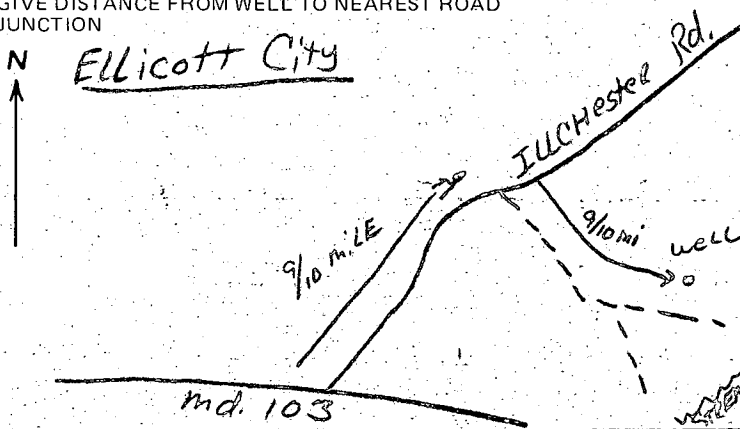
I HEREBY CERTIFY THAT I HAVE COMPLIED WITH ALL CONDITIONS STATED ON THE ABOVE-CAPTIONED "PERMIT TO DRILL WELL", AND THAT INFORMATION CONTAINED IN THIS REPORT IS TRUE, ACCURATE, AND COMPLETE TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF.

DRILLERS IDENT. NO. 273

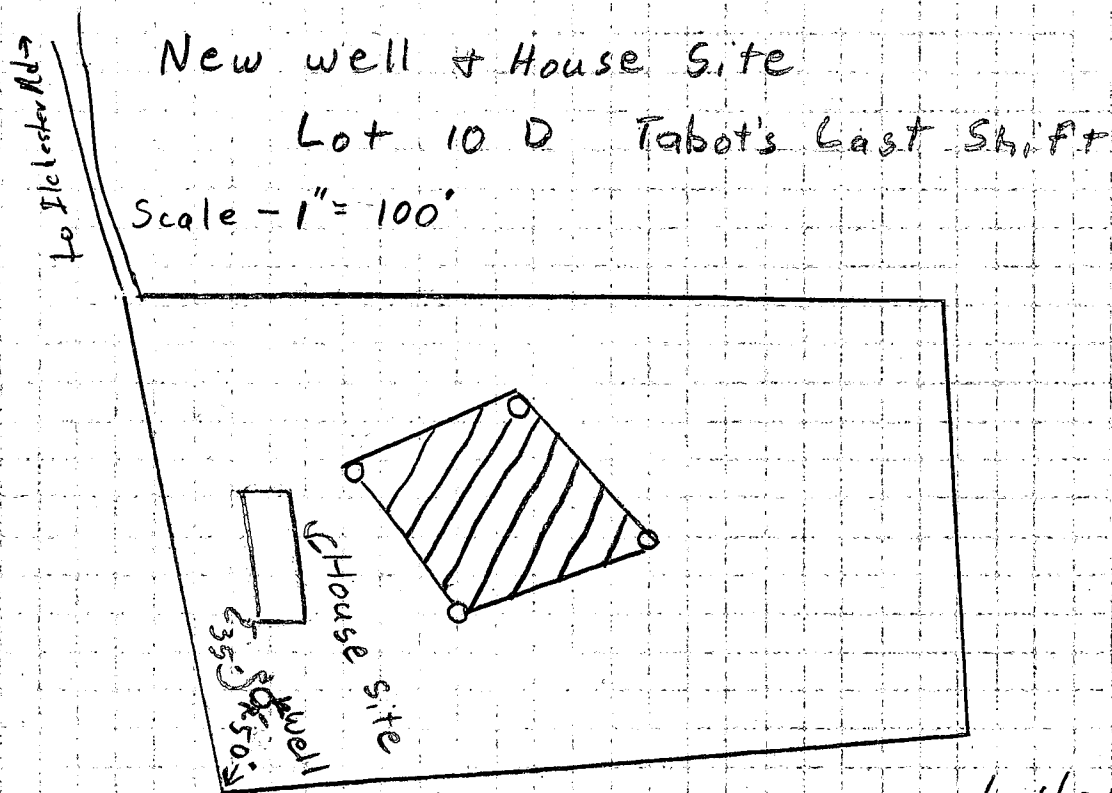
DRILLERS SIGNATURE Ralph E. Mayne

(MUST MATCH SIGNATURE ON APPLICATION)

SITE SUPERVISOR (sign of driller or journeyman responsible for sitework if different from permittee)

B 1		8069		SEQUENCE NO. WRA USE ONLY		STATE OF MARYLAND		APPLICATION FOR PERMIT TO DRILL WELL		WRA PERMIT NUMBER					
(THIS NUMBER IS TO BE PUNCHED IN COES. 3-6 ON ALL CARDS)						please print or type				fill in this form completely					
DATE RECEIVED 10/2/81 8:30				9-28-81 8 (WRA USE ONLY) 13 OWNER INFORMATION M. C. Cardy Dwight				B 3 LOCATION OF WELL COUNTY Howard SUBDIVISION Talbots Lost Shift SECTION NONE LOT 10-D NEAREST TOWN ELICOTT CITY MILES FROM TOWN (enter 0 if in town) 4							
LAST NAME 15 1816 Sutton Ave. 36 STREET OR RFD 55				TOWN 57 St. Denis STATE 76 Md. ZIP 21227				B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX) 				ILCHESTER Rd. 11- NEAR WHAT ROAD 30 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) WEST 32 EAST 34 9/10 34 DISTANCE FROM ROAD (CIRCLE APPROPRIATE BOX) 37			
B 1 CONTINUED DRILLER INFORMATION Ralph Mayne 273 DRILLER'S NAME 77 LICENSE NO. 80 Ralph Mayne 9/24/81 SIGNATURE DATE				B 2 WELL INFORMATION APPROX. PUMPING RATE (GAL. PER MIN) 5 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500				SHOW LOCATION OF WELL WITH AN "X" IN THIS BOX  WRITE THE BOX NUMBER FROM THE MAP HERE 860 5 500 7							
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 150 FEET APPROXIMATE DIAMETER OF WELL 6 INCH Method of Drilling (circle one) BORED (OR AUGERED) JETTED JETTED & DRIVEN AIR ROTARY AIR PERCUSSION ROTARY (HYDRAULIC) CABLE REVERSE ROTARY DRIVE POINT ROTARY other				DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION 							
REPLACEMENT OR DEEPEINED 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 DEEPEIN AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEINED (IF AVAILABLE) 41 52				B 4 NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL HOWARD COUNTY NAME A 3138.3 COUNTY NO. EHA SIGNATURE STATE HEALTH CIRCLE BOX 092881 DATE 9/28/81 NORTH 507 EAST 0865 ELEV. (FT.) GRID 50 GRID 57											
Not to be filled in by driller (WRA USE ONLY) APPROX. PERMIT NUMBER WRITE INITIALS IN BOX FORCE FS CONDITIONS 40-73-4007				B 5 SPECIAL CONDITIONS (WRA USE ONLY)											

Dwight L. McCurdy
247 - 5095



9/24/81
Well Site OK
T.S.