

9/28/84
2 Inspt.
10/2/84 - 2:30 PM
S.M.A.M.
x
H.W.O.W.

approved
10/2/84
Craig Wilson

PERMIT

P. 34372
A 32251

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH*

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
992-2330

01-185373
INDEXED ✓

ELLICOTT CITY
DISTRICT 1st
DATE 9/18/84

Ohler Plumbing & Heating IS PERMITTED TO INSTALL X ALTER

ADDRESS 5400 East Drive, Arbutus, Maryland 21227 PHONE 242-1618

SUBDIVISION Talbot's Last Shift ROAD 5149 Talbot Landing Rd LOT 17A
~~5027 - Elcheater Road~~

PROPERTY OWNER Mr. & Mrs. Melvin Dash Albert E. Keller

ADDRESS 4851 Melbourne Road Baltimore, Maryland 21229

BUILDING PERMIT SIGNED AND RETURNED

IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 22%
10-13-84 BOODKOSK-GARBAGE SKEDD

GARBAGE GRINDER? YES _____ NO X

SEPTIC TANK CAPACITY 1250 GALLONS NUMBER OF BEDROOMS 4

Trench system to contain 180 sq. ft. effective sidewall absorption area per bedroom to begin below the first 4 feet of non-porous soil. Maximum depth permitted for trench bottom is 9 feet below original grade. Start the trench 75 feet from the private road easement and 155 ft. from the rear (180.53 ft. long lot line) and proceed to dig the trench on level ground the necessary distance. Space successive trenches parallel to each other - 10 feet apart. Call for inspection of trench before and after gravel is installed.

10-17-86 - ALL REPAIRS TO THIS LOT WILL NEED TO RESPECT 75' MIN. DIST FROM WELL ON LOT 17C-D; AMPLE AREA TO REPAIR TO LEFT OF HOUSE AND DUNN HILL WELL ON LOT 17C-D WAS INCORRECTLY PLACED. SAME

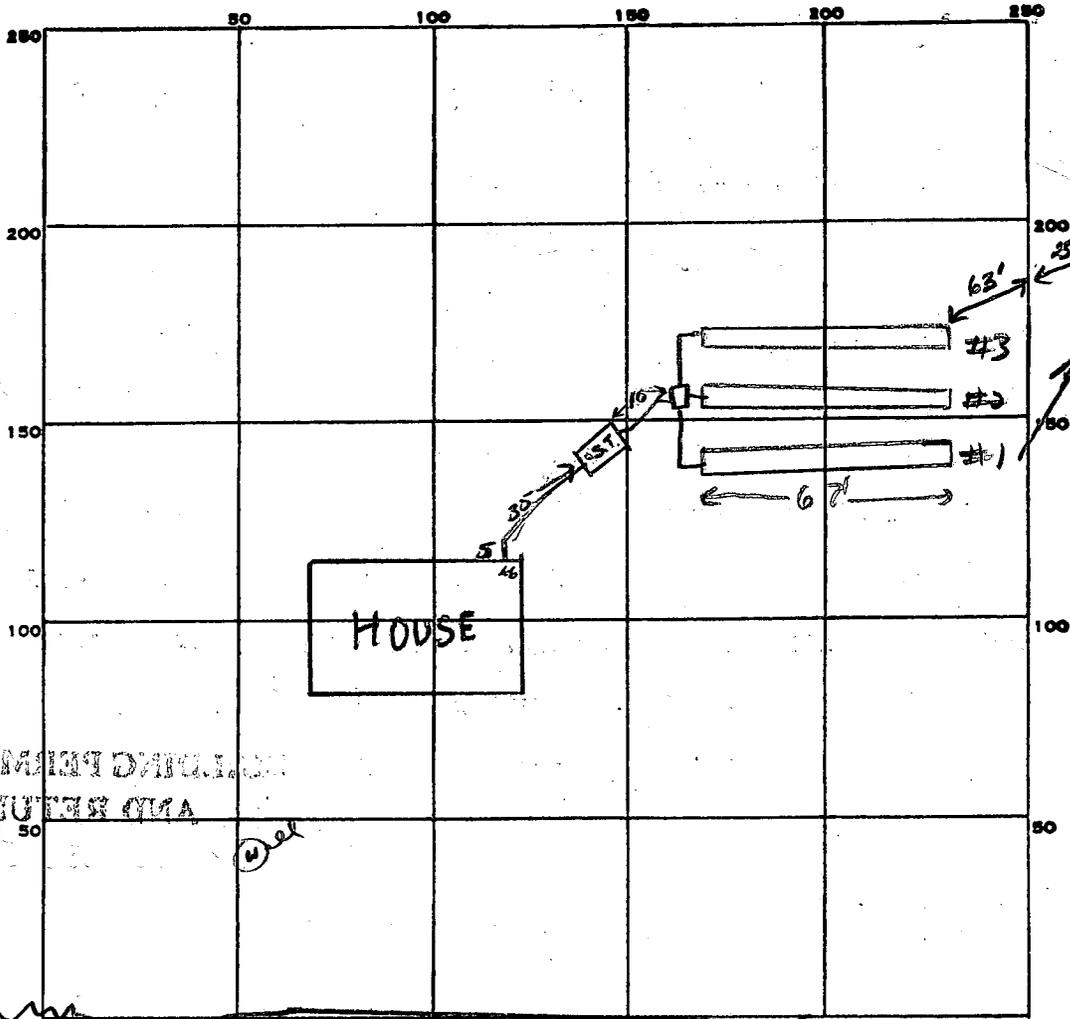
11-23-87 Lowest existing trench is 85 ft uphill from Lot 17C-D well site. Maintain a minimum of 85 ft to this well if Lot 17 A is repaired. JENadeau
PLANS APPROVED BY Frank Skinner DATE 10/26/82

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.

BLDG. PERMIT SIGNED AND RETURNED
10/28/83
Jen # 48098

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

A 32251



Ho. 81-0762
Lot 17C-D

REPLACING PERMIT SIGNED
AND RETURNED

INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

PERMIT CARD

SEPTIC TANK, LEVEL \checkmark 1500 gal.

CLEANOUTS S.T.
O.K.

DISTRIBUTION BOX, LEVEL \checkmark

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

GRAVEL DEPTH _____ FT. TOTAL LENGTH 201 FT.

NUMBER OF TRENCHES 3 ONE SIDEWALL
TOTAL BOTTOM AREA 201

#1 67 - 2 1/2' stone
#2 67 - 4' stone
#3 67 - 4' stone
201

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

ABSORBENT AREA _____ SQ. FT.

REMARKS 9/28/84 Trenches only 8' deep, insufficient sidewall area as trench #1 inlet is 5 1/2'; Deepen trenches #2 & 3 to 9' deep; Cement pipes into and out of septic tank & distribution box, O.K. to cover 20' of pipe before tank to facilitate digging for house connection J.S. 9/28/84 Trenches deepened O.K. all Stone & pipe J.S. 10/2/84 SYSTEM COMPLETE, O.K. TO COVER, CW

DATE SYSTEM APPROVED 10/2/84

INSPECTOR Craig Williams

PRELIMINARY

APPLICATION

SEWAGE DISPOSAL TESTING

A 32251

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

3 B.R. 1000gal. septic tank
4 B.R. 1250gal. septic tank

DISTRICT 1st

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

Trench system to contain 180 SQ. FT. DATE 10/19/82

effective sidewall absorption area per bedroom to begin below the first 4 feet of non-porous soil. Maximum depth permitted for trench bottom is 9 feet below original grade. Start the trench 75 ft. from the private road easement and 155 ft. from the rear (180.53 ft. long lot line) and proceed to dig the trench on level ground the necessary bottom. Space successive trenches parallel to each other 10 feet apart. Call for inspection of trench before gravel is installed.

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

Melvin and Theresa Dash

ADDRESS 3591 Scheel Drive, Ellicott City, Md. 21043

PHONE Don Reuwer - 465-4920

Baltimore, Md. 21029

PROPERTY LOCATION:

SUBDIVISION Talbot's Last Shift

LOT NO. 17A

ROAD AND DESCRIPTION 5027 Ilchester Road

SIZE OF LOT (?)

TYPE BLDG. 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/ Georgia L. Resch for Howard Associates

(SIGNATURE OF APPLICANT)

APPROVED BY F. Skinn FOR trenches DATE 10/26/82

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

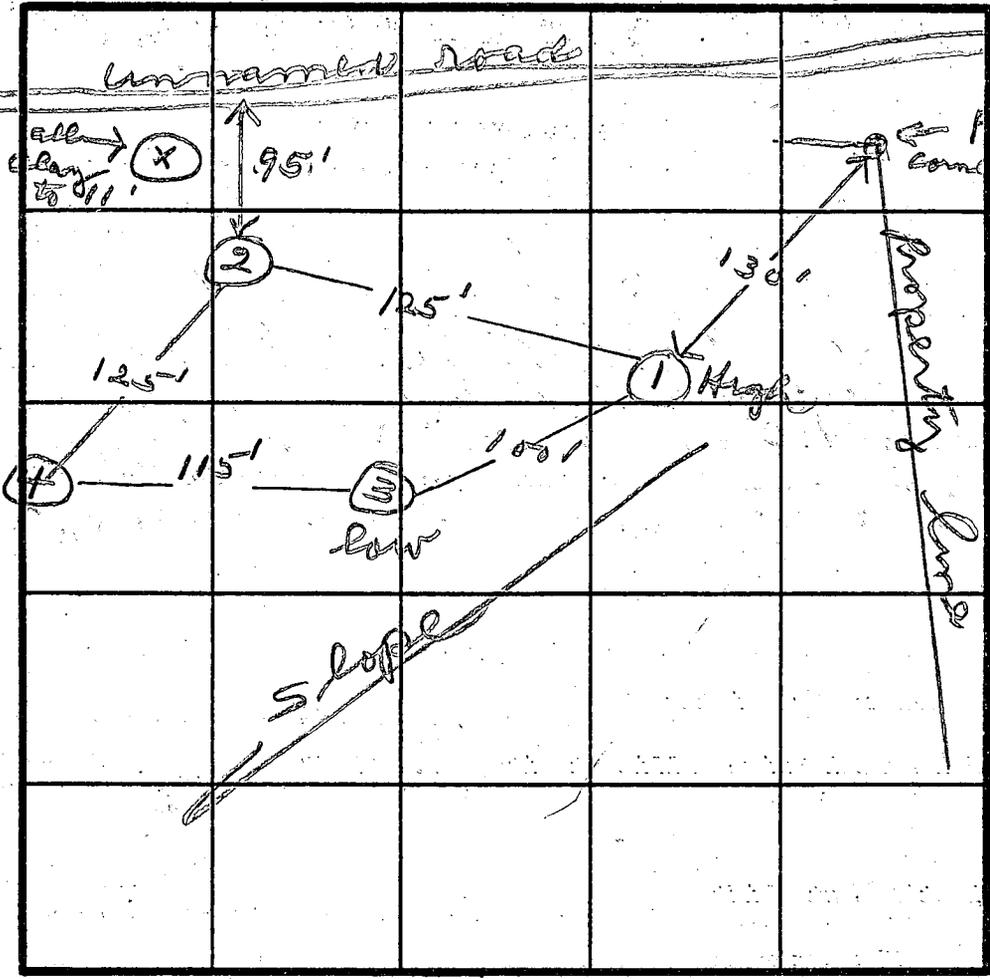
BLDG. PERMIT SIGNED
AND RETURNED 5/2/84
Serial # 58382 SFO

THIS IS NOT A PERMIT

① ②
SOIL PROFILE

clay
4'
sandy clay
13'
③
clay
6'
sandy
15'

④
clay
4 1/2'
clay, sand
10'
all sand
15'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
10/19/82	1S	4	1:30	1:32	1:32	1:37	5
	1M	8	1:30	1:32	1:32	1:38	6
	2S	4	1:40	1:43	1:43	1:53	10
	2M	8	1:40	1:45	1:45	1:58	13
	3M	8	2:22	2:25	2:25	2:30	5
	3D ✓	14					
	4S	4 1/2	2:39	2:51	3:16	3:16	28
	4M	8	2:37	2:39	2:39	2:42	3

REMARKS _____

TYPE OF SOIL _____

TESTED BY JS ALSO PRESENT Katterman

EH-12-1079

C1 0789

STATE OF MARYLAND
WELL COMPLETION REPORT

WELL COMPLETION REPORT
FILL IN THIS FORM COMPLETELY
PLEASE PRINT OR TYPE

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

COUNTY NUMBER A 32251

(THIS NUMBER IS TO BE PUNCHED
IN COLUMNS ON ALL CARDS)

DATE RECEIVED

DATE WELL COMPLETED

DEPTH OF WELL

PERMIT NO.
FROM "PERMIT TO DRILL WELL"

8 13

072783

22 150 26
(TO NEAREST FOOT)

40-81-0160
28 29 30 31 32 33 34 35 36 37

STREET OR RFD DASH last name Elcheester Road

Melvin & Teresa first name TOWN Ellicott City

DIVISION Talbats Last Shift

SECTION

LOT 17-A

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 FROM TO

Check if water bearing

Top Soil	0	2	
sandy	2	50	✓
Sand Stone	50	65	✓
Micka	65	160	
Sand Stone	160	165	✓
Micka	165	180	

GROUTING RECORD

WELL HAS BEEN GROUTED (Circle Appropriate Box) YES NO

TYPE OF GROUTING MATERIAL

CEMENT BENTONITE CLAY

NO. OF BAGS 21 NO. OF POUNDS 2100

GALLONS OF WATER 126

DEPTH OF GROUT SEAL (to nearest foot)
from 0 ft. to 5 ft.

CASING RECORD
casing types insert appropriate code below
STEEL CONCRETE PLASTIC OTHER

MAIN CASING Nominal diameter Total depth
TYPE top (main) casing of main casing
(nearest inch) (nearest foot)
S+ 6 60

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

SCREEN RECORD
screen type or open hole insert appropriate code below
STEEL BRASS BRONZE PLASTIC OPEN HOLE OTHER

DEPTH (nearest ft.)
H O 58 150

SLOT SIZE 1 2 3
DIAMETER OF SCREEN (NEAREST INCH)
56 60

GRAVEL PACK from to
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
70 72 74 75 76
TELESCOPE CASING LOG INDICATOR OTHER DATA

C 3

PUMPING TEST

HOURS PUMPED (nearest hour) 3

PUMPING RATE (gal. per min. to nearest gal.) 9

METHOD USED TO MEASURE PUMPING RATE Bucket

WATER LEVEL (distance from land surface)
BEFORE PUMPING 57

WHEN PUMPING 17 20

TYPE OF PUMP USED (for test)
A air P piston T turbine
C centrifugal R rotary O other (describe below)
J jet S submersible

PUMP INSTALLED

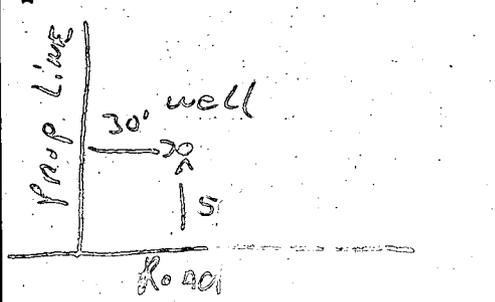
DRILLER WILL INSTALL PUMP YES NO

IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE
TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE.

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 } LAND SURFACE
- below } (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)

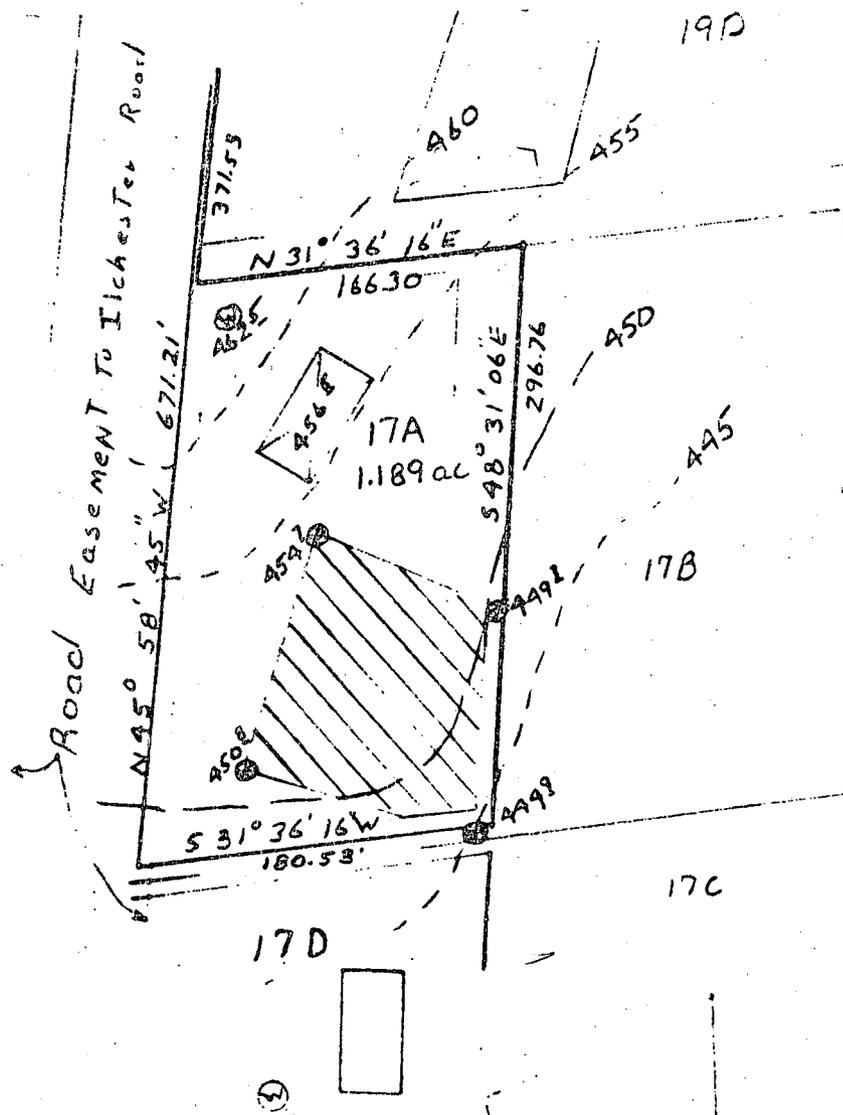


A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED
E ELECTRIC LOG OBTAINED
P TEST WELL CONVERTED TO PRODUCTION WELL

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, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS IDENT. NO. 253
Karel Wayne
DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)
Karel E. Wayne

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



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.

PERCOLATION TEST PLAT

PARCEL 17A

TALBOT'S LAST SHIFT
 PROPERTY OF
 HOWARD ASSOCIATES
 ILCHESTER ROAD
 1st Election District
 Howard County, Maryland
 Scale 1"=100'
 Date 10/21/82

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

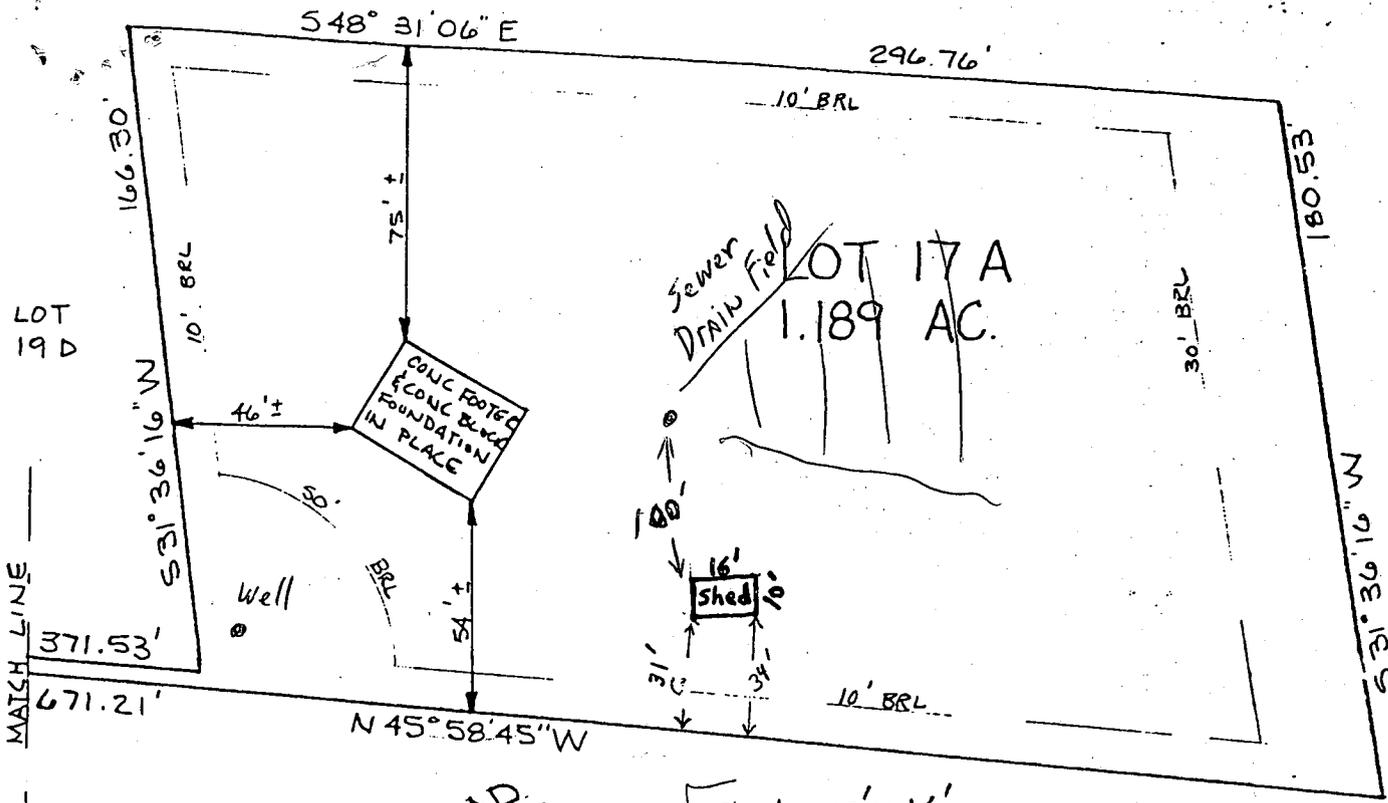
APPROVED: For Private Water and Private Sewage Systems

James C. Huggins
 County Health Officer

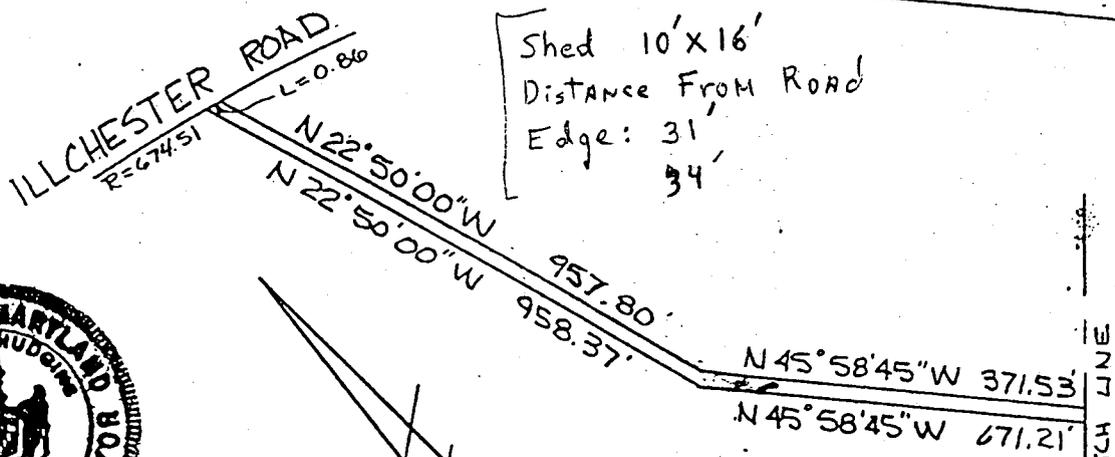
10-31-82

Date

LOT 17 B



Shed 10' x 16'
 Distance From Road
 Edge: 31'
 34'



This is to certify that I have surveyed the property shown hereon for the purpose of locating the improvements thereon.

J. Carl Hudgins
 J. Carl Hudgins (PLS #96

4/16/93
 OK TO SIGM
 BP48098
 RH

LOCATION SURVEY
 5027 ILLCHESTER RD.
 1ST ELECTION DISTRICT
 HOWARD COUNTY, MD.
 SCALE 1"=50'
 DATE 8/14/84

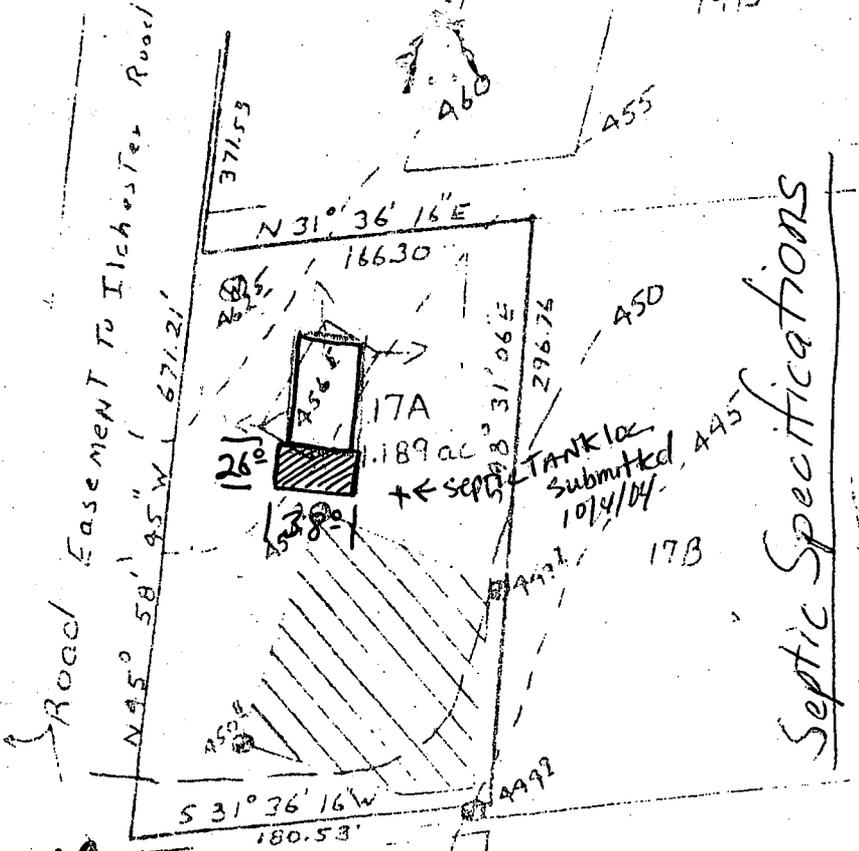
10-13-04

CONTRACTOR TO CALL IN INSP WHEN FOOTERS SET

10-1-04
BOOBOOSTS
PLAN IS
TO SCALE

Field locate

Draw S. TANK
Ensure 10' SEP. DISTANCE



Septic Specifications

FF 5. 20-455
 HUBBARD ELEV 452.25'
 BEVELL HAT TANK 454'
 TANK INCLAT 452'
 TANK OUTLET 457.5'
 PREPARED BY CUNZEL 5/2/84
 SET TO TROUGH 450
 BOUNDARY MARK 449.447
 MARK BOUNDARY 462



5037 ILLCHESTER

PERCOLATION TEST PLAT

PARCEL 17A

TALBOT'S LAST SHIFT
 PROPERTY OF
 HOWARD ASSOCIATES
 ILLCHESTER ROAD
 1st Election District
 Howard County, Maryland
 Scale 1"=100'
 Date: 10/21/82

This plat shows perk
 holes & well

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

septic specifications

This area designates a private sewage easement of 10,000 square feet as required by the Maryland 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. Recording of a modified sewage easement shall not be necessary. Percolation test holes shown hereon have been field located and shown as "⊙".

lots shown hereon comply with the minimum owner-occupied width and lot areas as required by the Maryland 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

County Health Officer

Date