

Co- 8/23/95  
11:00 Infiltrators  
going in.

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

#### HOWARD COUNTY HEALTH DEPARTMENT

##### BUREAU OF ENVIRONMENTAL HEALTH

XXXXXX

313-2640

INDEXED

P 56837C

A 49084

DISTRICT 4th

DATE 8-21-95

DATE SYSTEM APPROVED 8/23/95

INSPECTOR R. Penley

Fogle's Septic Clean, Inc.

IS PERMITTED TO INSTALL ☒ ALTER

ADDRESS 558 Obrecht Road, Sykesville, Maryland 21784 PHONE 795-5674

SUBDIVISION Hobbs Farm LOT 2 ROAD 14201 Rover Mill Road

PROPERTY OWNER John and Jammie Hobbs

ADDRESS

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 280

TRENCHES - Trench to be 3 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 6 feet below original grade. Effective area begins at 4 feet below original grade. 2 feet of stone below distribution pipe. INFILTRATOR SYSTEM

LOCATION - Place the distribution box 160 feet up the right lot line (224.33') from right lot line. and 100 feet from that same lot line. Run trenches along contour toward right lot line.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK 5/4/95 DKS

BLDG. PERMIT SIGNATURE

RECEIVED 9-8-95

Serial # 61614  
Add on - Propane Tank

PLANS APPROVED BY C. Williams/Amy McMillen

REVISED DATE 04/24/95

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.

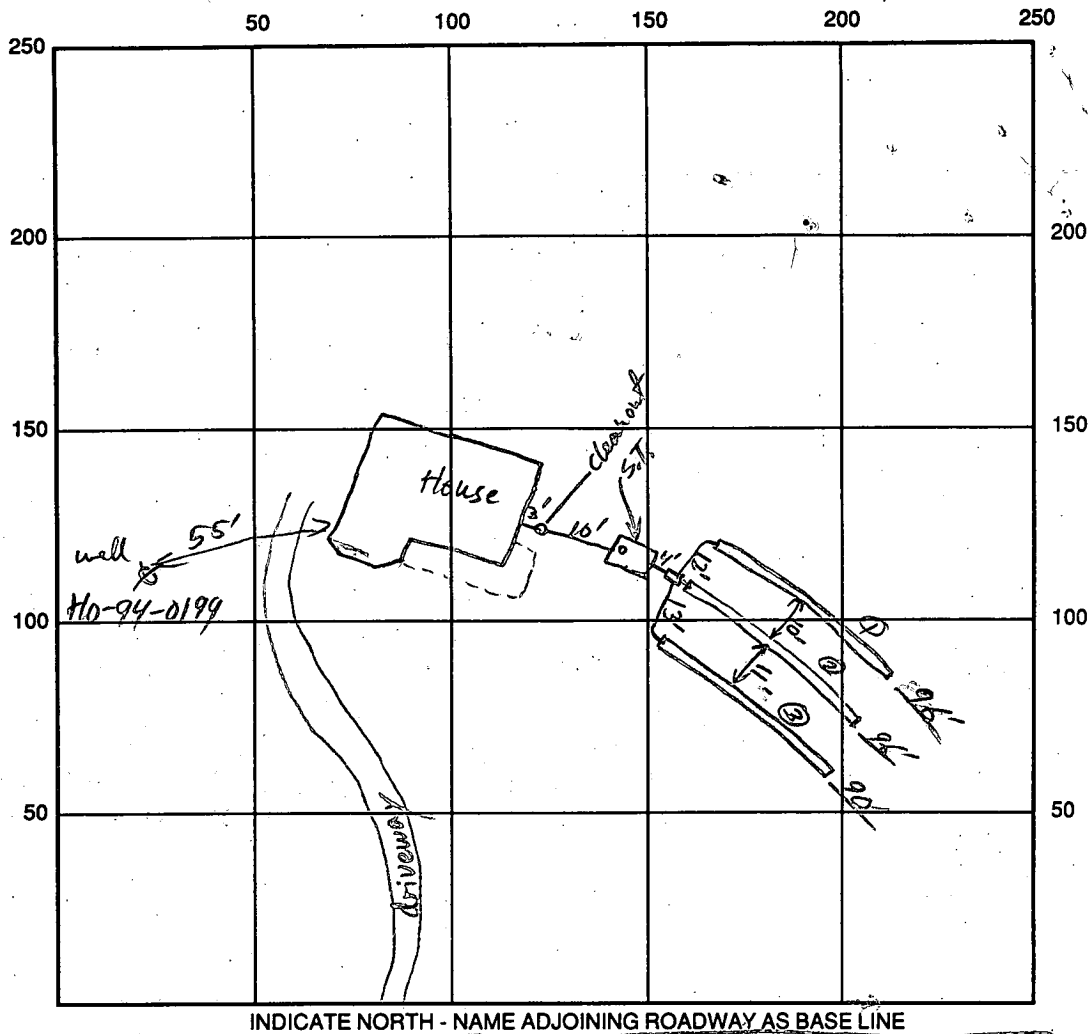
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

HD-260(6-90)

\*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.

A 49084



SEPTIC TANK LEVEL 1250 gal CLEANOUTS S.T. & Hse

DISTRIBUTION BOX LEVEL ✓

DRAIN FIELD/TITLE DEPTH 4' FT. TRENCH WIDTH 3 FT. INLET DEPTH 3'3" FT.

NA - Used Infiltrators  
EFFECTIVE GRAVEL DEPTH        FT. TOTAL LENGTH 96/96/90 FT. = Total length 293

NUMBER OF TRENCHES        ONE SIDEWALL/BOTTOM AREA 881 SQ. FT.

DRYWALL INSIDE DIAMETER        FT. EFFECTIVE DEPTH BELOW INLET        FT.

ABSORBENT AREA        SQ. FT.

REMARKS: Installation with bottoms at 4 ft OK, Sandy loam soils @ 2 1/2 ft.

Infiltrators installed OK, OK to cover, Hse Connection complete. R/P 8/23/95

Needs New Well Tap.

DATE SYSTEM APPROVED 8/23/95 INSPECTOR R/P

# APPLICATION

PERCOLATION TESTING

A 49084

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043

TELEPHONE: 313-2640

PROPOSED <sup>100' SEPTIC TO STORM RESTRICTION</sup>  
1 AC 16 LOT - FARM AND PLOTS.

DISTRICT \_\_\_\_\_

DATE 3/25/93

100' SEPTIC TO STORM RESTRICTION  
3/25/93 CW

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER CHARLES A. HOBBS, JR. John & Jammie Hobbs

ADDRESS P.O. Box 187/CHENWOOD, MD 21738 PHONE 442 5517

AGENT OR PROSPECTIVE BUYER \_\_\_\_\_

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION:

SUBDIVISION HOBBS FARM LOT NO. \_\_\_\_\_

ROAD AND DESCRIPTION 14201 ROVER RD.

Add-on - Propane Gas Tank  
BLDG. PERMIT SIGNED  
AND RETURNED 9-8-95  
Social # 61614

TAX MAP 14 PARCEL # 55

BLDG. PERMIT SIGNED  
AND RETURNED 4/29/95

SIZE OF LOT 1 AC 16 FROM 180 AC 16 EASY TYPE BLDG. S.F.D. - 4 Brms  
(SINGLE FAMILY DWELLING OR COMMERCIAL)

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. CHARLES HOBBS  
(SIGNATURE OF APPLICANT)

APPROVED BY Cwill FOR SHALLOW TRENCHES DATE 12/2/93

DISAPPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

HOLD PENDING FURTHER TESTS \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # HOBBS LOT 2 - (REVISED) DATE 12/2/93

SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # F-99-16 HOBBS LOT 2 DATE 12/2/93

## THIS IS NOT A PERMIT

## SOIL PROFILE

11/9/93 (#9)

11/13 OK TO 11

OCCASIONAL ROCK, LESS THAN 20%

(A)

PLANNED TEST HOLE BETWEEN #14 & #3 WAIVED  
(FAILED HOLES STG NOT AS SHOWN ON PLAT, NOT CLOSE ENOUGH)

#10

WPS OK TO 11' ALL CORN BE LOW 3' CLAY  
THIS ADDITIONAL HOLE DUE TO EXPAND DESIGN OPTIONS

(17)

## SOIL PROFILE

 $\theta'$  $CLXIV$ 

COA

50-70%  
Rock

Failures

(#5 #6 #9

CLAY  
- SOLID  
ROCK  
3-5-

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5/17/93	1	4	10:50	11:02	11:02	11:20	18 MIN
2		8	VIS OK		EST	5-7 MIN	
		13	ROCK	BOTTOM			
2	2	4	VIS OK	NOT TESTED AT 4'			
		7	11:08	11:11	11:11	11:13	2 MIN
		11 1/2	ROCK	BOTTOM			
3	3	4	VIS OK				
		15'	LESS THAN 5%	SAPPHIRE			
4	4	4'	11:42	11:44	11:44	11:46	2 MIN
		14'	LESS THAN 5%	SAPPHIRE			
7	7	EXCESS ROCK BELOW 5'					
8	8	4	11:48	11:50	11:50	11:53	3 MIN
		11	VIS OK TO 11'	ROCK BOTTOM			

REMARKS (#5) - FAULTED ROCK AT 5' ; (#6) (#9) NOT INSPECTED - CONTRACTION REPORTS ROCK AT 3'  
 TYPE OF SOIL ACCEPTABLE TEST PATTERNS CONNECTS #3 - #4 - #8 - #1 (10,000 SQ FT?)  
 TESTED BY C. W. [Signature] ALSO PRESENT C. HOBBS ; K ALLEN  
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 5 MIN TRENCH WIDTH 3  
 INLET DEPTH 4 MAXIMUM BOTTOM DEPTH 6 SQ. FT./BEDROOM 210



## HOWARD COUNTY HEALTH DEPARTMENT

Joyce M. Boyd, M.D., County Health Officer

November 2, 1993

Charles Hobbs  
P.O. Box 187  
Glenwood, MD 21738

RE: Percolation Certification Plat  
Hobbs Property  
Rover Mill Road  
Tax Map: 14 Parcel: 55

Dear Mr. Hobbs:

In conformance with COMAR Regulation 26.04.03.02 Submission of Plans and Procedures for Securing Approval, this office must perform percolation tests in numbers as we require in order to evaluate and consider soil classifications and surface and subsurface drainage conditions. This is done to rule out the possibility of contamination of the ground water by the infiltration of individual sewerage system wastes. We cannot approve your plan as submitted because it does not meet the minimum requirements as cited above.

A memorandum of August 31, 1993 to you, advised you of Health Department requirements regarding a percolation test plat for the above referenced property which had been submitted for review.

A subsequent plan revision did show test hole locations that matched our records to the degree that we are confident of all locations shown.

However, the remaining areas of concern are as follows:

- The configuration of the passing tests do not allow for the minimum 10,000 square foot sewage easement.
- The presence of rock (failed test holes) in locations immediately adjacent to certain of the proposed sewage easement boundaries gives cause for concern as to soil conditions inside those boundaries.
- Should the sewage disposal easement be approved as currently configured, there would be only one possible well site and a somewhat limiting house site.

16502060  
PERC PLAT OK  
FINAC F-94-16 OK  
SGT FOR SIGNATURE  
12/2/93 (CW)

For the sewage disposal easement to be in compliance with COMAR 26.04.03.02 and to be accepted as proposed, two successful percolation test holes would be required at the locations shown on the attached diagram. If successful, then a further condition of acceptance would be that the well be drilled prior to plat recordation.

A different option would be to dig test holes at a location that would allow extension of the septic area further back on the property. Because of the relationship to other successful test holes, the probability for approval seems greater than in the first listed option. If successful, this second approach would also provide greater flexibility for well and house locations as you required in your previously subdivided lot.

You can contact me to confirm plans for the additional testing, or if you have need of any further explanation of the situation.

You may also request in writing the opportunity to discuss the case in an informal conference with Frank A. Skinner Director of the Bureau of Environmental Health. At which time, a representative of the MD Department of Environment's Individual Septic Systems and Wells Program will also be in attendance.

Yours Truly

*Craig Williams*

Craig Williams, Director  
Water and Sewerage Program

CW:hsm

cc: File  
FCC  
F. SKINNER  
D. KERR

- 11/8/93
- (a) VIS HOLE ON N-E  
BOUNDARY OF SEPTIC AREA OK TO 10'
  - (b) VIS OK NO HOLE  
ON S-E BOUNDARY OF SEPTIC AREA.  
(PREVIOUSLY REPORTED ROCK HOLES  
WAS NOT IN THIS VICINITY.)
  - (c) ADDITION TEST HOLE DUG  
30' FROM S-W LOT CORNER  
FOR POTENTIAL MODIFICATION  
OK SEPTIC AREA OK TO 10'  
ENHANCES WELL SITE/HOUSE SITE OPTIONS,

HUBBS  
JOFF. ALLEN present  
11/8/93 *CW*

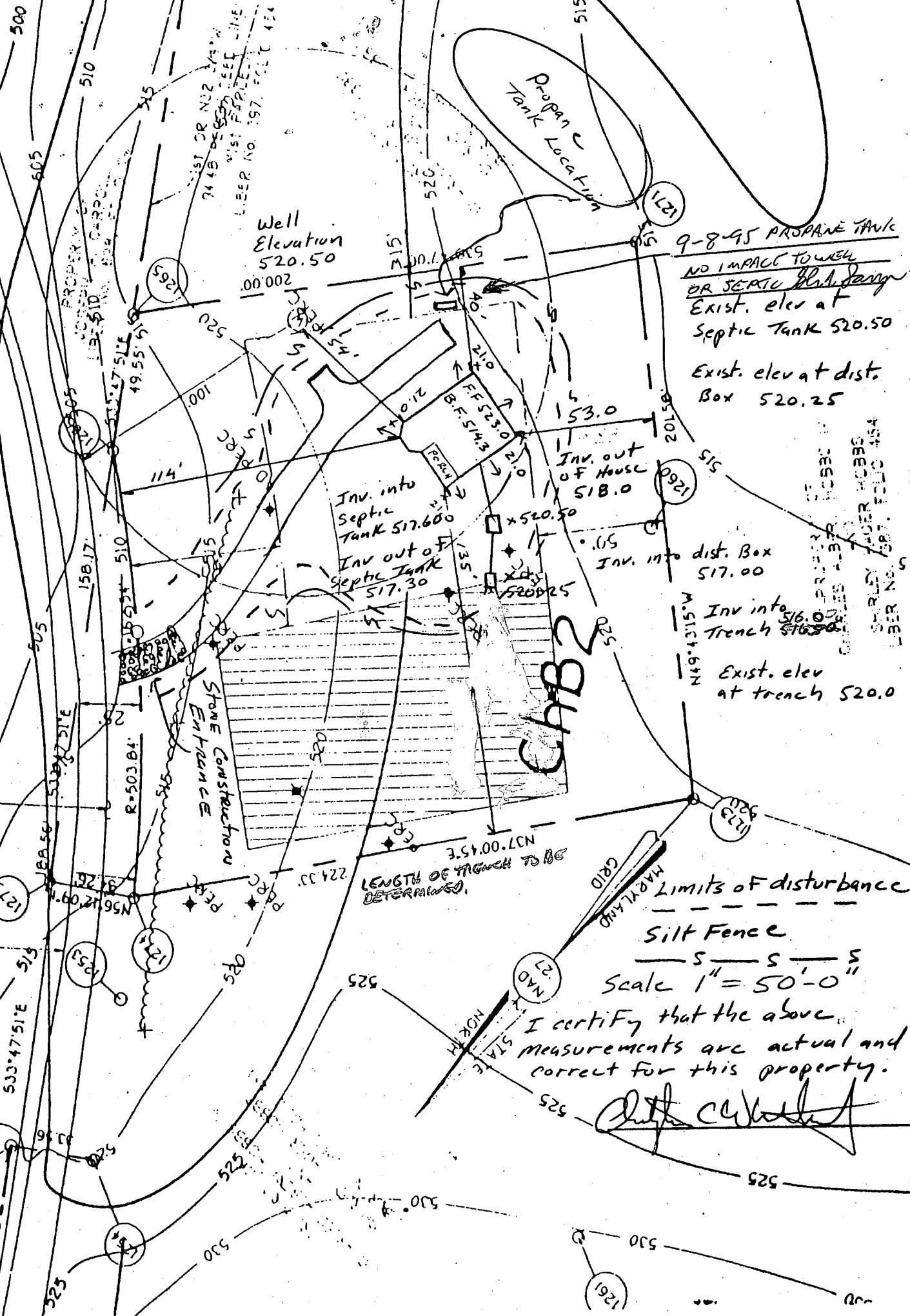
C-1 8826		SEQUENCE NO. (DENV USE ONLY)	STATE OF MARYLAND WELL COMPLETION REPORT		THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.	
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)			FILL IN THIS FORM COMPLETELY PLEASE PRINT OR TYPE		COUNTY NUMBER <u>A49084</u>	
ST/CO USE ONLY DATE Received <u>160594</u>		DATE WELL COMPLETED <u>160594</u>		Depth of Well 22 <u>100</u> 26 (TO NEAREST FOOT)		PERMIT NO. FROM "PERMIT TO DRILL WELL" <u>H0-94-0194</u>
OWNER <u>HUBBS</u>		JOHN		TOWN <u>COOKSVILLE</u>		
STREET OR RFD <u>HUBBS PROPERTY</u>		RIVER MILE RD.		SECTION <u>44</u> PARCEL <u>55</u> LOT <u>2</u>		
WELL LOG Not required for driven wells			GROUTING RECORD			C 3
STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING			WELL HAS BEEN GROUTED (Circle Appropriate Box) <u>Y</u> <u>N</u>			PUMPING TEST
DESCRIPTION (Use additional sheets if needed)			TYPE OF GROUTING MATERIAL CEMENT <u>CM</u> BENTONITE CLAY <u>BC</u>			HOURS PUMPED (nearest hour) <u>3</u>
FEET FROM TO			NO. OF BAGS <u>6</u> NO. OF POUNDS <u>600</u>			PUMPING RATE (gal. per min. to nearest gal.) <u>12</u>
TOP Soil 0 2			GALLONS OF WATER <u>30</u>			METHOD USED TO MEASURE PUMPING RATE <u>Flow</u>
Sand Stone 2 4			DEPTH OF GROUT SEAL (to nearest foot)			WATER LEVEL (distance from land surface)
boulder 4 5			from <u>0</u> ft. to <u>20</u> ft.			BEFORE PUMPING <u>23</u>
Sand Stone 5 9			casing types insert appropriate code below			WHEN PUMPING <u>24</u>
Mica 9 35			ST CO STEEL CONCRETE			TYPE OF PUMP USED (for test)
Sand Stone 35 36			PL OT PLASTIC OTHER			A air P piston T turbine
Mica 36 44			MAIN CASING TYPE			C centrifugal R rotary O other (describe below)
Sand Stone 44 45			Nominal diameter top (main) casing (nearest inch)			J jet S submersible
Mica 45 75			Total depth of main casing (nearest foot)			
Sand Stone 75 76			OTHER CASING (if used)			PUMP INSTALLED
Mica 76 95			diameter inch depth (feet) from to			DRILLER WILL INSTALL PUMP YES NO
Sand Stone 95 96			SCREEN RECORD			IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE
Mica 96 100			screen type or open hole			TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE:
CIRCLE APPROPRIATE LETTER			ST BR HO STEEL BRASS OPEN HOLE			CAPACITY: GALLONS PER MINUTE (to nearest gallon)
A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED			PL OT PLASTIC OTHER			PUMP HORSE POWER
E ELECTRIC LOG OBTAINED			C 2			PUMP COLUMN LENGTH (nearest ft.)
P TEST WELL CONVERTED TO PRODUCTION WELL			DEPTH (nearest ft.)			CASING HEIGHT (circle appropriate box and enter casing height)
I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRE- SENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.			1 H0 20 100			LAND SURFACE (nearest foot)
DRILLERS IDENT. NO. <u>40</u>			2 23 24 26 30 32 36			LOCATION OF WELL ON LOT
DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)			3 38 39 41 45 47 51			SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)			SLOT SIZE 1 2 3			
			DIAMETER OF SCREEN (NEAREST INCH)			
			GRAVEL PACK			
			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.) W Q			
			70 72 74 75 76			
			TELESCOPE LOG OTHER DATA			
			CASING INDICATOR			

30' well

Side line

POWER MILE RD.

MILL ROAD  
 LAND DEDICATED TO HOWARD COUNTY,  
 MARYLAND FOR THE PURPOSE OF A  
 PUBLIC ROAD ( AREA = 0.139 AC. )  
 EXISTING ROADWAY  
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9-8-95 PROSPER TANK  
 NO IMPACT TO WELL  
 OR SEPTIC TANK  
 Exist. elev at  
 Septic Tank 520.50  
 Exist. elev at dist.  
 Box 520.25  
 Inv. into dist. Box  
 517.00  
 Inv into  
 Trench 516.00  
 Exist. elev  
 at trench 520.0

C. H. B. 2

Limits of disturbance  
 Silt Fence  
 Scale 1" = 50'-0"

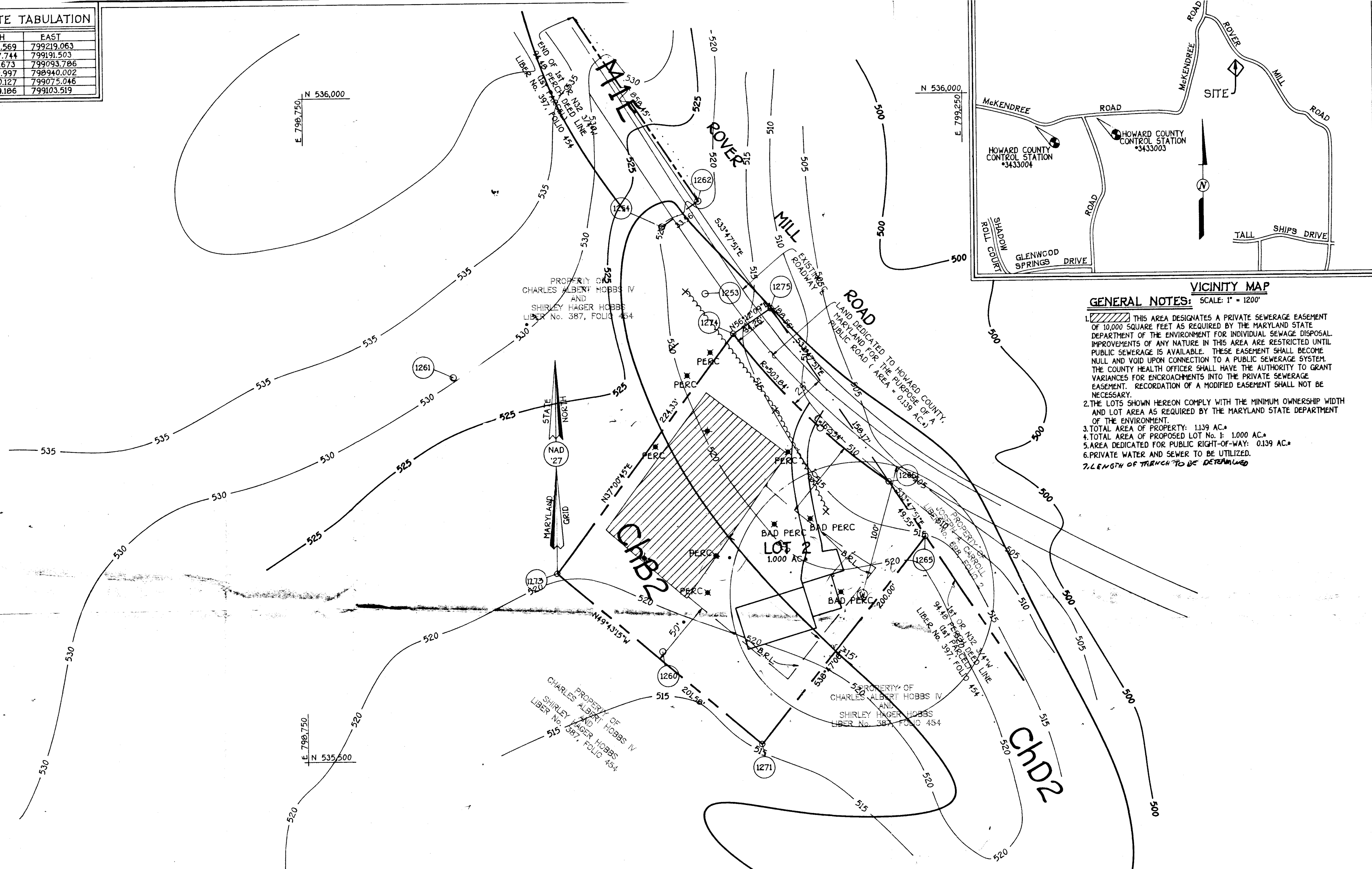
I certify that the above  
 measurements are actual and  
 correct for this property.

[Signature]



# COORDINATE TABULATION

No.	NORTH	EAST
1265	535666.569	799219.063
1266	535707.744	799191.503
1271	535510.673	799093.786
1273	535640.997	799040.002
1274	535820.127	799075.046
1275	535839.186	799103.519



## VICINITY MAP GENERAL NOTES: SCALE: 1" = 1200'

1. THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THESE EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWERAGE EASEMENT. RECORDATION OF A MODIFIED EASEMENT SHALL NOT BE NECESSARY.
2. THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
3. TOTAL AREA OF PROPERTY: 1.139 AC.
4. TOTAL AREA OF PROPOSED LOT NO. 1: 1.000 AC.
5. AREA DEDICATED FOR PUBLIC RIGHT-OF-WAY: 0.139 AC.
6. PRIVATE WATER AND SEWER TO BE UTILIZED.
7. LENGTH OF TRENCH TO BE DETERMINED.

## SOILS LEGEND

- ChB2 CHESTER SILT LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED  
 ChD2 CHESTER SILT LOAM, 15 TO 25 PERCENT SLOPES, MODERATELY ERODED  
 MIE MANOR LOAM, 25 TO 45 PERCENT SLOPES

NOTE: SOILS MAP No. 7 WAS USED

PROPERTY OF  
**CHARLES &  
 SHIRLEY HOBBS**  
 LOT 2

ZONED RC  
 TAX MAP No. 14 PART OF PARCEL \*55  
 FOURTH ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND

0' 50' 75' 100'

Scale: 1" = 50'  
 DATE: AUGUST 13, 1993

**FISHER, COLLINS & CARTER, INC.**

CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS  
 9171 BALTIMORE NATIONAL PIKE, SUITE 100  
 ELLICOTT CITY, MARYLAND 21042  
 (410) 461-2855

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

*James M. [Signature]* 12-2-93  
 HOWARD COUNTY HEALTH OFFICER (Cw) DATE

## OWNER AND DEVELOPER

MR. AND MRS. CHARLES HOBBS IV  
 P.O. BOX 187  
 GLENWOOD, MARYLAND 21738