

9/9/85
approved 1:10 PM

3 PM
9-10-85
approved
S. Abel

PERMIT

P 35966
A 34728

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
992-2330

01-3420380

INDEXED

ELLICOTT CITY

DISTRICT 4th

DATE 9/9/85

Collins Company, Inc. IS PERMITTED TO INSTALL ALTER

ADDRESS _____ PHONE _____

SUBDIVISION Sharp Farm ROAD 3775 Shady Lane LOT 4

PROPERTY OWNER Donald O. Crozen

ADDRESS _____

IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 22%.

GARBAGE GRINDER? YES _____ NO

SEPTIC TANK CAPACITY 1250 GALLONS NUMBER OF BEDROOMS 4

TRENCHES - 158 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 8 feet below original grade. Effective area begins at 3 feet below original grade. 5 feet of stone below distribution pipe. LOCATION: Start the trench 455 feet from the 286.68 ft. lot line and 395 ft. from the R = 573.00 ft. lot line. Run trench(s) on level ground toward Shady Lane (R=573.00 ft. lot line). NOTE: No trench to exceed 100 feet in length. If more than one trench used, a distribution box is required. Trenches to be installed on level ground. Call for inspection of trench(s) before and after gravel is installed. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank.

PLANS APPROVED BY R. Hodges//F. Skinner DATE 7/30/85

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.

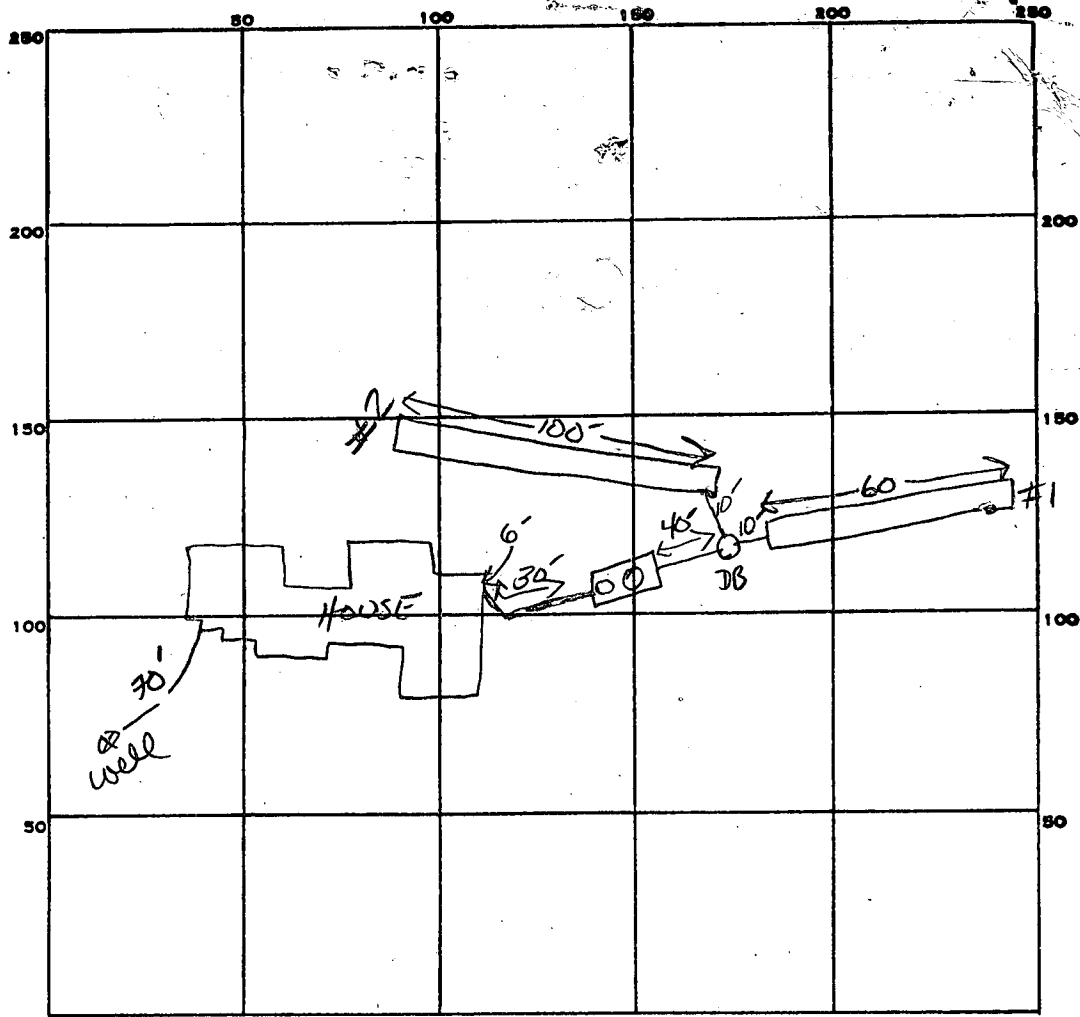
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA, OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED.

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

*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082

A 34728



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.
SHADY LA.

38
2154
632

PERMIT CARD

SEPTIC TANK, LEVEL 1500 GAL CLEANOUTS ST/ MANHOLE

DISTRIBUTION BOX, LEVEL

TILE FIELD, DEPTH 8 FT. TRENCH WIDTH 2 FT. INLET 3'

GRAVEL DEPTH 5 FT TOTAL LENGTH 60 100 TOTAL 160 FT.

NUMBER OF TRENCHES 2 ONE SIDE WALL TOTAL BOTTOM AREA 800 \square

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

ABSORBENT AREA 800 SQ. FT.

REMARKS 9-9-85 OK TO ADD STONE TO TRENCHES; NEED MANHOLE ST > 4' below GRADE S. Hill
9-9-85 OK TO COVER TRENCH #2; NEED MANHOLE BEFORE final APPROVAL - Call when
Ready, S. Hill

DATE SYSTEM APPROVED 9-10-85 INSPECTOR S. Hill

APPLICATION

4/10/85
9:30 AM
Permit

A 35324

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

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

DISTRICT _____

DATE 4/19/85

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 Donald O. Croser

ADDRESS 207 Cabotin Circle Leesburg VA PHONE (703) 777-5114

PROPERTY LOCATION:

SUBDIVISION Sharp Farm LOT NO. 1

ROAD AND DESCRIPTION 20+ acres along Shady Lane + Sharp Rd

SIZE OF LOT 7.7 acres TYPE BLDG. 4
(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.

Leshi Croser
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

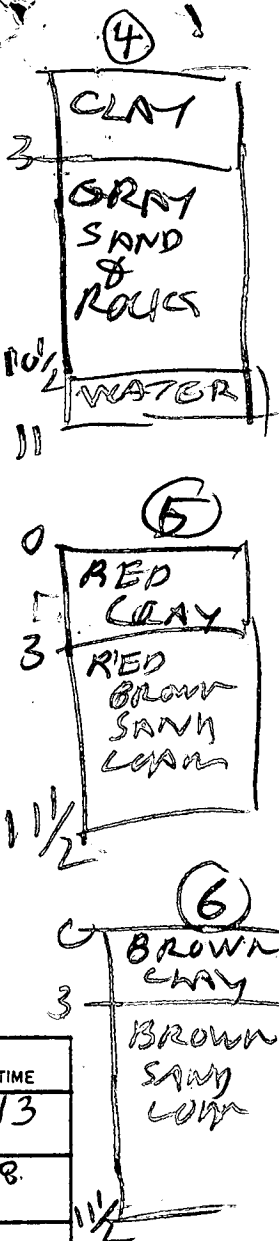
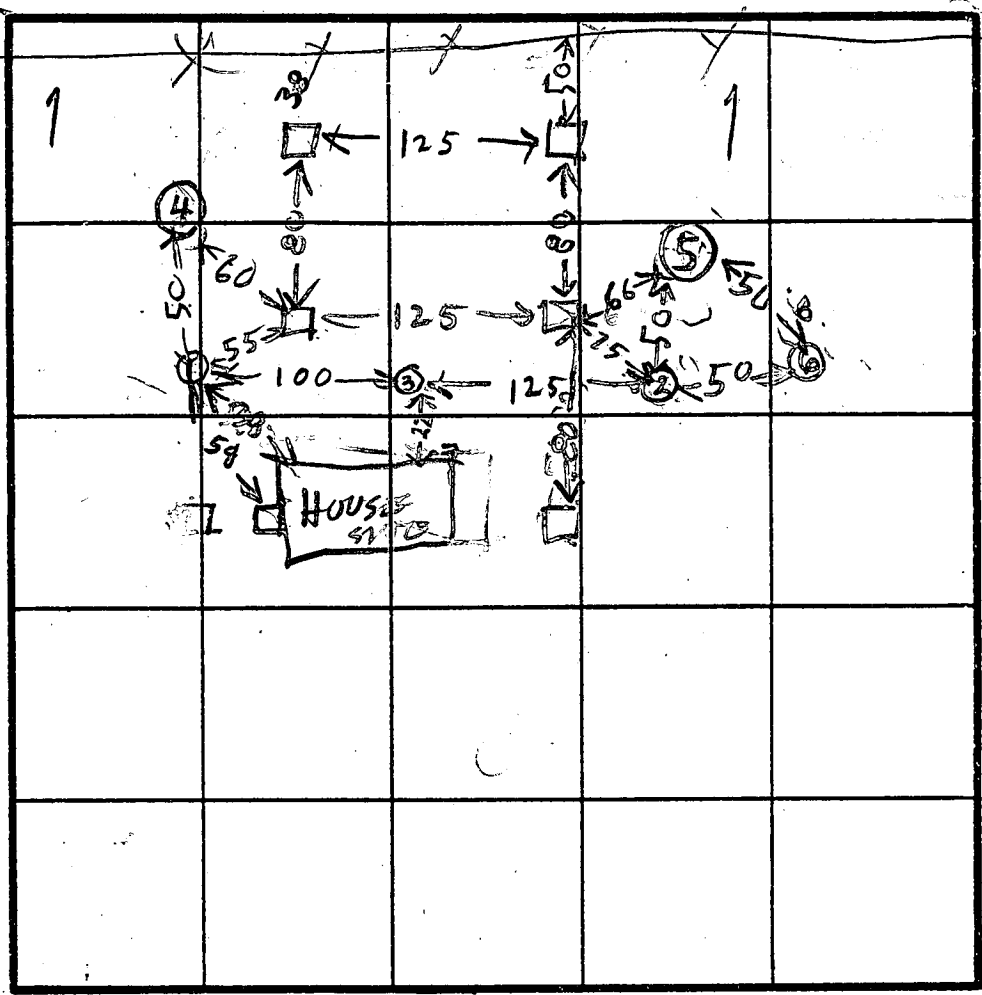
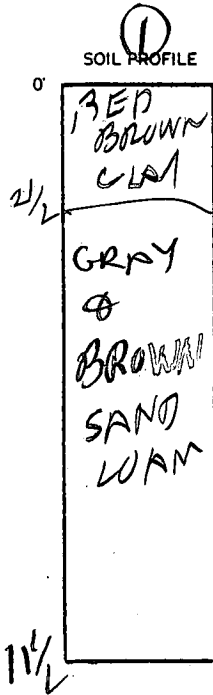
REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

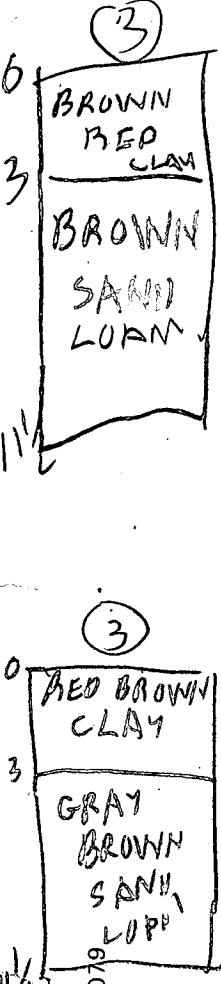
REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

Smooth
 Good Tank
 Windy time



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.



DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4/25/85	1S	4 1/2	1104	1109	1109	1122 _g	13
	1V	11 1/2	LOOKS OK				
	2S	4	1114	1120	1120	1128	8
	2V	12	LOOKS OK				
	3V	11 1/2	LOOKS OK				
	4V	11	LOOKS DOUBTFUL				
	5V	11 1/2	LOOKS OK				
	6V	11 1/2	LOOKS OK				

NEW HOLES ELEVATION
 1320-HIGH
 ④⑤ LOW
 LEGEND
 □ = OLD PERC
 ○ = NEW PERC

REMARKS MUST CHECK OLD PERC
 PUT TRENCH BETWEEN

TYPE OF SOIL COLLINS BRIDGE
 TESTED BY B. HODGES ALSO PRESENT DON CROSEN OWNER

EH-12-1079

APPLICATION

SEWAGE DISPOSAL TESTING

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: 992-2330

A 34728

P _____

DISTRICT 4

DATE JAN 2 1985

NOT TO BE
PRESENT FOR ANOTHER
TIME PER CHARLES SHARP

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 Don Croser + Leslie Croser

ADDRESS 3755 Sharp Rd. Glenwood, Md. 21738 PHONE 489-4630

PROPERTY LOCATION:

SUBDIVISION SHARP FARMS ~~21738~~ F-83-38 LOT NO. ~~1~~ 1 ^{new}

ROAD AND DESCRIPTION West side of Sharp Road, North side of Shady Side Road

SIZE OF LOT + 3 ac. TYPE BLDG. Residence
(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.

Don Croser
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 3-5-85 Perc. Satisfactory, Hold For Certified
Hold Location, House and well site label

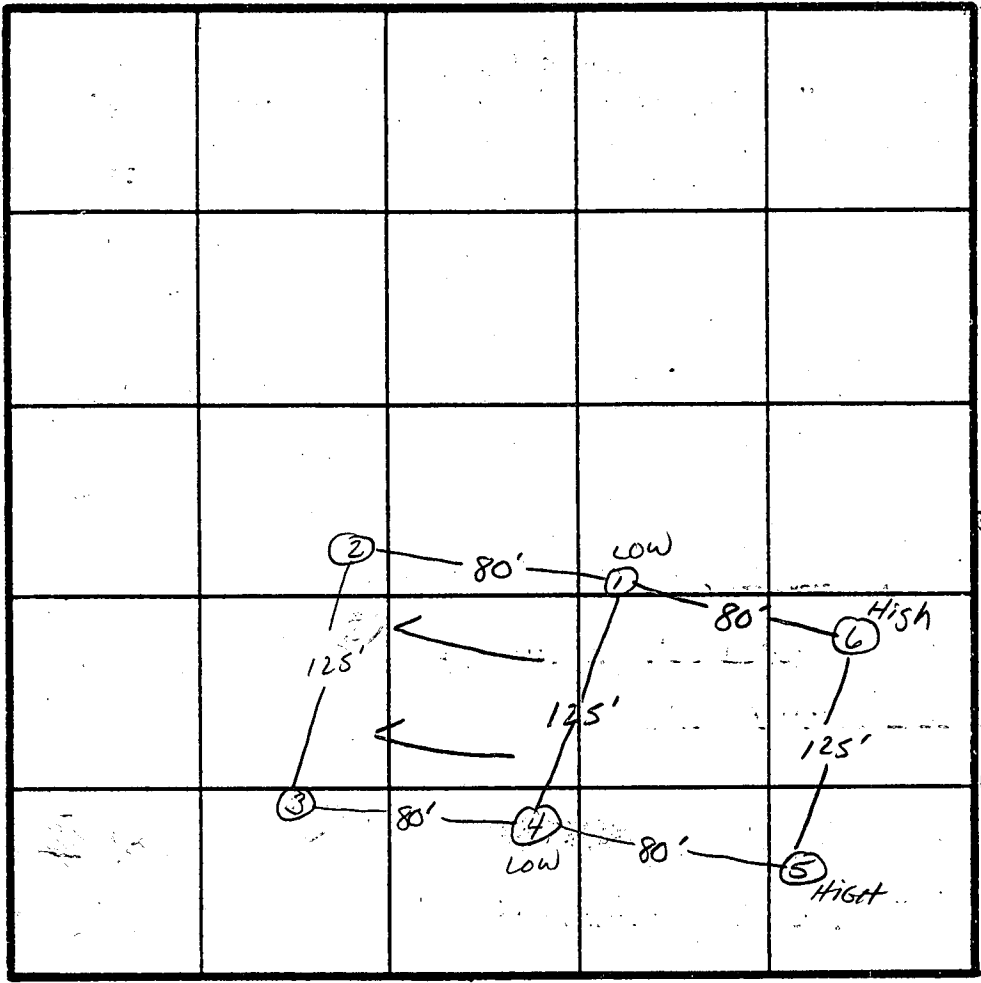
THIS IS NOT A PERMIT

① ④
SOIL PROFILE

0	AP
9"	RED BROWN CLAY LOAM L10% SAPROLITE
3.5'	BROWN SAND LOAM L10% SAPROLITE
7.5'	GREY SILT SAND L10% SAPROLITE
11'	BROWN SILT SAND L10% SAPROLITE
13'	

⑤ ⑥

0	AP
1'	RED BROWN CLAY LOAM L10% SAPROLITE
3'	Yellow Brown Silty SAND 10-20% SAPROLITE
12.5'	



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.
SHADY LANE

②

0	AP
6"	Yellow BROWN CLAY L10% SAPROLITE
3'	Yellow Brown Silty Loam L10% SAPROLITE
10'	Yellow Brown Silty SAND L10% SAPROLITE
13'	H ₂ O

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3/5/85	1S	4'	11:30	11:33	11:33	11:38	5min
	1V	13'	VARYING SOIL PROFILE 3.5'-12.5'				
	2S	4'	11:45	12:00 & 1/4" movement			
	2V	13'	WATER AT 10' → ABANDONED				X
	3V	WATER AT 9' → ABANDONED					X
	4S	4'	12:20	12:21	12:21	12:23	2min
	4V	12.5'	VARYING PROFILE - see Soil Profile				
	5S	4'	12:31	12:33	12:33	12:40	7min
	5V	12.5'	UNIFORM SOIL STRUCTURE Below 2.5'				X
	6S	4'	12:45	12:49	12:49	12:56	7min
	6V	12.5'	UNIFORM SOIL STRUCTURE Below 3'				X
	TEST 4/25/85 RESULTS						
	1	4.5 11.5	11:04	11:09	11:09	11:22	13min
	2	4 12	11:14	11:20	11:20	11:28	8min

INLET
3'
BOTTOM
MAX DEPTH
8'
X TIME
7min

REMARKS _____

TYPE OF SOIL _____ COLLINS - BACKHOE

TESTED BY SAHL ALSO PRESENT CHUCK & NICK SHARP

B 1 **8551** SEQUENCE NO. (OEP USE ONLY)
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND
 PERMIT TO DRILL WELL *2nd*
 please print or type

OEP PERMIT NUMBER
40-81-1007
 fill in this form completely

Date Received **5/20/85**
04238
 OWNER INFORMATION
CROSEN DEVELOPMENT
 15 Last Name 34 Owner First Name
207 CAHOCTAN CIRCLE NE
 36 Street or RFD 55
LEESBURG **VA 22075**
 57 Town 70 State 72 Zip 76

B 3 LOCATION OF WELL
704WARD COUNTY 21
SHARP FARMS SUBDIVISION 42
 SECTION **1** LOT **1**
GLENELS NEAREST TOWN 71
 MILES FROM TOWN (enter 0 if in town) **1 3/4** MI

DRILLER INFORMATION
Joseph L. Wagner License No. **238**
Joseph L. Wagner Well Drilling
 Firm Name
5512 Ridge Rd. Mt. Airy Md. 21771
 Address
Joseph L. Wagner **4/23/85**
 Signature Date

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
 NEAR WHAT ROAD **Shady Lane**
 DISTANCE FROM ROAD **275** FT
 ENTER FT or MI

B 2 WELL INFORMATION
 APPROX. PUMPING RATE (GAL. PER MIN.) **5**
 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) **500**

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
HOWARD A34728
 COUNTY NAME COUNTY NO.
 OEP SIGNATURE STATE HEALTH INSERT S
 DATE ISSUED **05/16/85** **Stayer** **11/16/85**
 CO SIGNATURE EXP. DATE
 NORTH GRID **520000** EAST GRID **0796000**

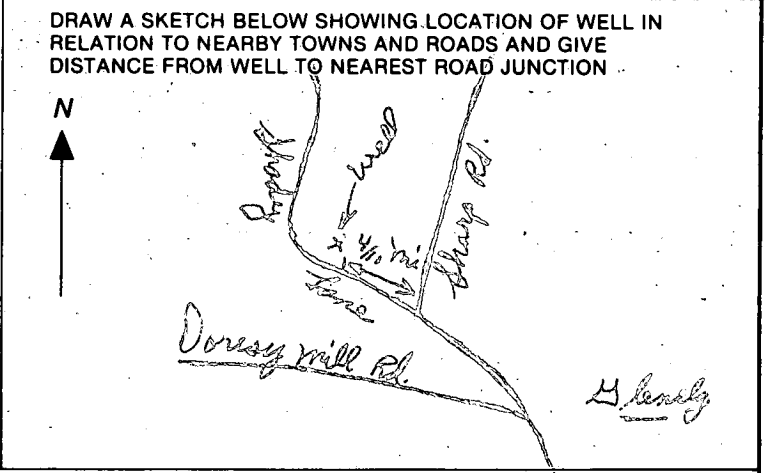
USE FOR WATER (CIRCLE APPROPRIATE BOX)
 HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
 FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
 INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)
 PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)
 TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

APPROXIMATE DEPTH OF WELL **180** FEET
 APPROXIMATE DIAMETER OF WELL **6** INCH NEAREST INCH

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X
 SOURCES OF DRILLING WATER
 1. WELL
 2.
 3.
 WRITE THE BOX NUMBER FROM THE MAP HERE
790 6
520
 000 000

METHOD OF DRILLING (circle one)
 BORED (or Augered) JETTED Jetted & DRIVEN
 AIR-ROTary AIR-PERcussion ROTARY (Hydraulic Rotary)
 CABLE REVerse-ROTary DRive-POINT
 other _____

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 (OEP USE ONLY)
 APPROX. PERMIT NUMBER **G A P**
 FORCE **CG** WRITE INITIALS IN BOX PERMIT NO. **40-81-1007**

SPECIAL CONDITIONS

C1 2597 SEQUENCE NO. (OEP USE ONLY)

STATE OF MARYLAND 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 A34728

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

DATE Received DATE WELL COMPLETED Depth of Well PERMIT NO. FROM "PERMIT TO DRILL WELL"

OWNER CROSEN DEVELOPMENT STREET OR RFD SHADY LANE TOWN GLENELG SUBDIVISION SHARP FARMS SECTION LOT 8

WELL LOG table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), Check if water bearing. Rows include BROWN SHALE, SAND, and GRAY Mica Rock.

GROUTING RECORD WELL HAS BEEN GROUTED (Circle Appropriate Box) TYPE OF GROUTING MATERIAL CEMENT (CM) BENTONITE CLAY (BC)

NO. OF BAGS 21 NO. OF POUNDS 1974 GALLONS OF WATER 126 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 30 ft.

CASING RECORD casing types insert appropriate code below. Codes: ST (STEEL), CO (CONCRETE), PL (PLASTIC), OT (OTHER).

MAIN CASING TYPE S7 Nominal diameter top (main) casing 6 Total depth of main casing 43

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

SCREEN RECORD screen type or open hole insert appropriate code below. Codes: ST (STEEL), BR (BRASS), HO (OPEN HOLE), PL (PLASTIC), OT (OTHER).

DEPTH (nearest ft.) table with rows for casing and screen depths.

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. 238 Joseph L. Mays

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

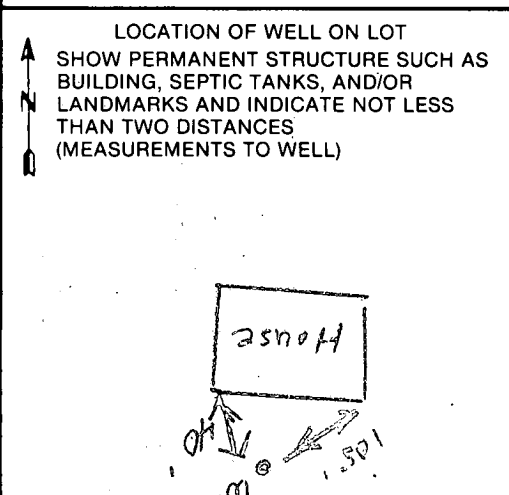
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

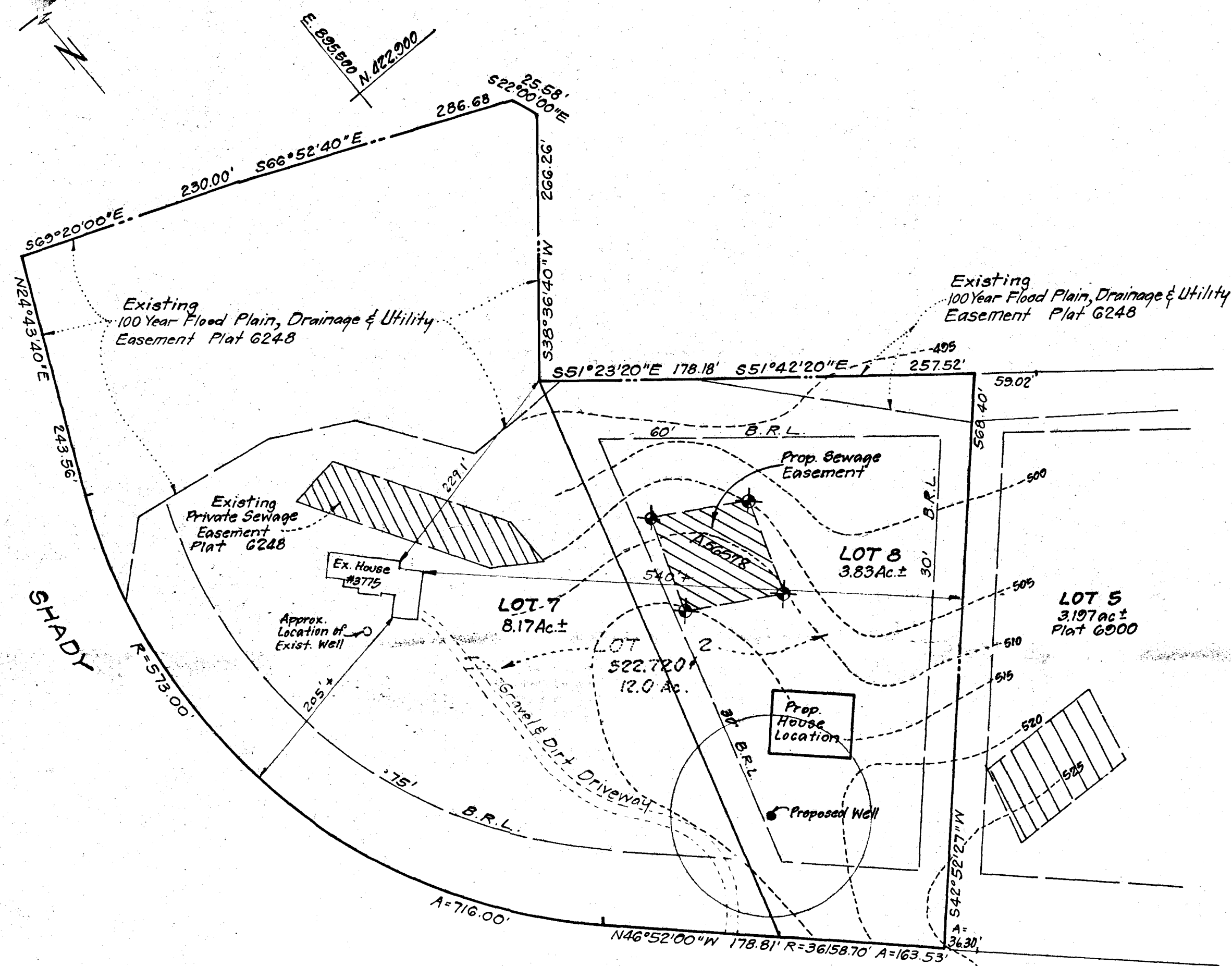
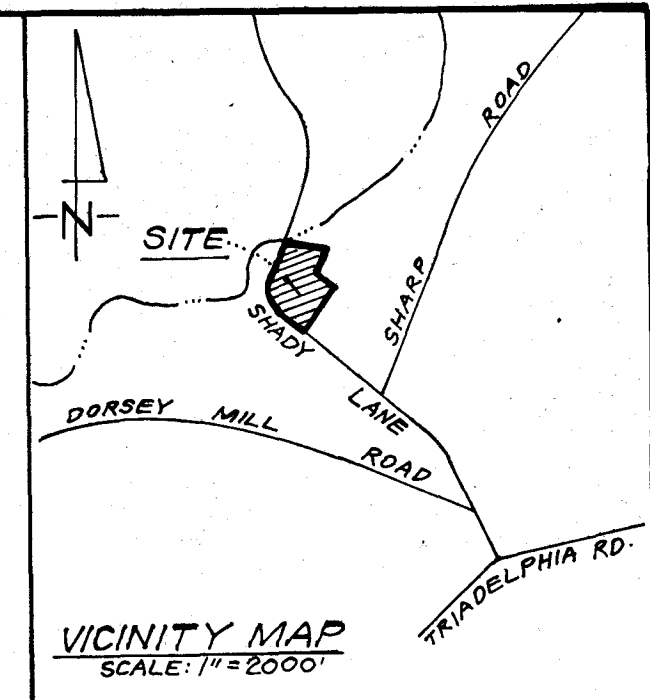
GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) WQ OTHER DATA

PUMPING TEST HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min. to nearest gal.) 12 METHOD USED TO MEASURE PUMPING RATE bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 25 WHEN PUMPING 27 TYPE OF PUMP USED (for test) 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) LAND SURFACE (nearest foot)





APPROVED: For individual sewerage and water systems
Paul W. Clark, Jr. 5-16-96
 County Health Officer DKS Date

SURVEYORS CERTIFICATE

I hereby certify that the percolation test sites, as shown were field located on 5/2/96 and that all wells and septic systems within 100 feet of the property have been shown.

Paul W. Clark, Jr. 5/4/96
 PAUL W. CLARK, Jr.
 Registered Property Line Surveyor
 Maryland No. 237 DATE

LANE

- LEGEND**
- Contour Interval - 5'
 - Existing Contour
 - Proposed Well Location ●
 - Passed Percolation Tests ◆
 - Failed Percolation Tests ◆

This legend designates a proposed private sewage easement of 10,000 sq. ft. minimum as required by the Maryland State Dept. of The Environment for individual sewage disposal. Improvements of any nature in these areas are restricted until public sewage is available and servicing any residential structure constructed on these building sites. These easements shall become null and void upon connection to a public sewage system. The final lot configuration shall comply with the minimum ownership width and lot areas, as required by the Maryland State Department of the Environment.

CLARK • FINEFROCK & SACKETT ENGINEERS • PLANNERS • SURVEYORS 7135 MINSTREL WAY COLUMBIA, MARYLAND 21045 (410) 381-7500		
DESIGNED Z.A.L.	PERCOLATION CERTIFICATION PLAT SHARP FARMS LOTS 7 AND 8 4TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND old lot 1	SCALE 1" = 100'
DRAWN Z.A.H.		DRAWING 10F1
CHECKED		JOB NO. 96-075
DATE 5/2/96		FOR: DONALD O. CROSEN 3775 Shady Lane Glenwood, Md. 21738