

PERMIT 04-340617

P 31936

A 31903

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

5/18/82
ASAP 1:30pm

ELLCOTT CITY

DISTRICT 4th

DATE 5/18/82

INDEX

Allen Backhoe Rental IS PERMITTED TO INSTALL ALTER

ADDRESS 15050 Carsmille Rd., Woodbine, Maryland PHONE 854-6561

SUBDIVISION ROAD 14850 Union Chapel Rd. LOT

PROPERTY OWNER Clifton L. Clevenger

ADDRESS P.O. Box 109, Glenwood, Md

SPECIFICATIONS 2 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

Deep Trenches - 180 sq. ft. per bedroom. Ditch is to be 2ft. wide, 8 ft. deep, with inlet at 2 ft. below original grade and filled with 6 ft. of stone. Length of ditch depends on the number of sq. ft. needed. Start the ditch at perc hole #2 and run it along level ground toward perch hole #1. Perc hole #2 is located 30 ft. from the front lot line and 85ft from the Existing well as seen when facing the lot from Union Chapel rd. Perc hole #1 is located 130 ft. from the front lot line and over from the well lot line as seen facing the lot from Union Chapel rd. Tank to be at least 75ft. from well, ditch to be in general area of perc hole 1 & 2. (USE CLEAN OUT BETWEEN TANK & TRAILER.)

PLANS APPROVED BY Raymond Hodges DATE 5/4/82

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 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.

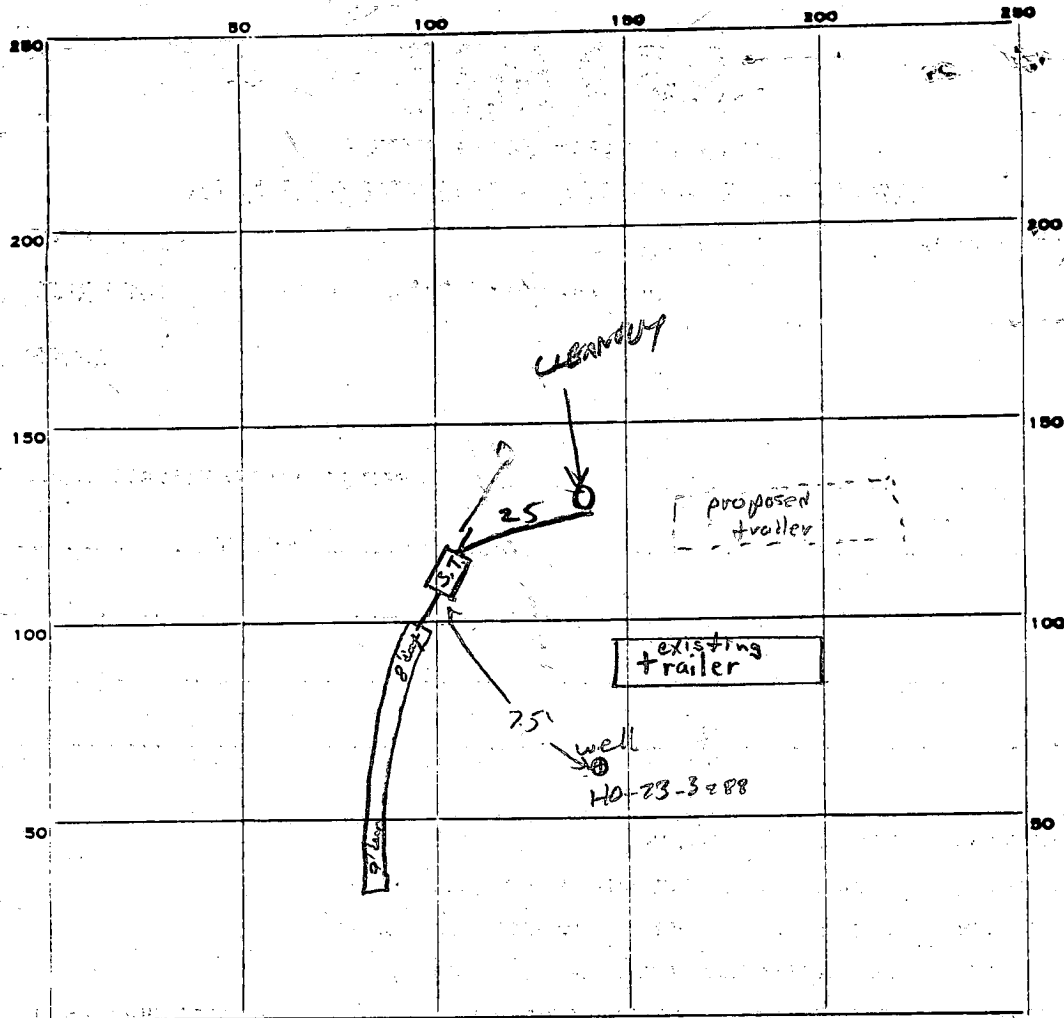
PERMIT VOID AFTER THREE YEARS.

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.

BLDG. PERMIT SIGNED AND RETURNED 5/16/82 Serial # 49912

A 31903



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.
Union Chapel Road

to Rte 97 →

PERMIT CARD ✓ on file

SEPTIC TANK, LEVEL ✓ 1000 gal CLEANOUTS

S.T.	trench
✓	n.a.

DISTRIBUTION BOX, LEVEL n.a.

TILE FIELD, DEPTH 8'-9' FT. TRENCH WIDTH 2 FT.

GRAVEL DEPTH _____ FT. IN. TOTAL LENGTH 58 FT.

NUMBER OF TRENCHES 1 ONE SIDE TOTAL BOTTOM AREA _____

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

ABSORBENT AREA _____ SQ. FT.

REMARKS 5/21/82 Dig trench to 60 ft. length & add gravel & perforated pipe to trench; 5 ft. of schedule 40 plastic pipe now into and out of septic tank S.T.

5-21-82. ok to cover ditch & tank, call when pipe to trailer installed L.F.

6/25/82 25 FT LENGTH OF SCHEDULE 40 PVC PIPE ADDED TO INLET OF TANK TRAILER NOT YET CONNECTED RH

DATE SYSTEM APPROVED _____ INSPECTOR _____

C1 8166 SEQUENCE NO. (WRA USE ONLY)

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

THIS REPORT MUST BE SUBMITTED WITHIN 30 DAYS AFTER WELL IS COMPLETED COUNTY NUMBER A 31562

Date Received (WRA use only) Sept 14 1981 DATE WELL COMPLETED

Depth of Well 260 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" 40-73-3788

OWNER Clevenger last name Clifton L. first name STREET OR RFD Union Chapel Road TOWN Glenwood SUBDIVISION SECTION LOT

WELL LOG table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), Check if water bearing. Entries: Brown Shale (0-15), Gray granite (15-260).

GROUTING RECORD: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL CEMENT (CM), BENTONITE CLAY (BC), NO. OF BAGS 5, NO. OF POUNDS 470, GALLONS OF WATER 30, DEPTH OF GROUT SEAL 22 ft.

CASING RECORD: MAIN CASING TYPE ST (STEEL), Nominal diameter 6, Total depth of main casing 24.

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

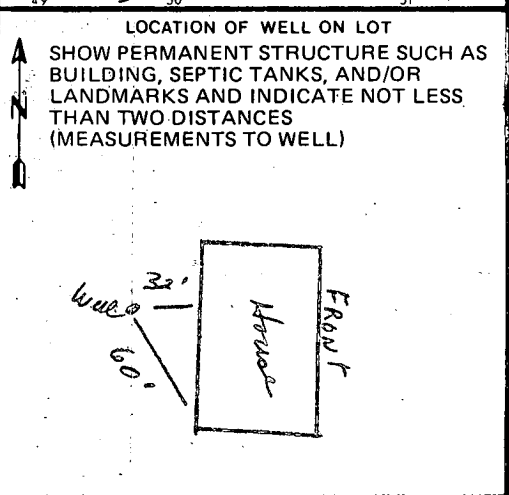
SCREEN RECORD: screen type or open hole ST (STEEL), BR (BRASS BRONZE), HO (OPEN HOLE), PL (PLASTIC), OT (OTHER).

DEPTH (nearest ft.) 22, 260. SLOT SIZE 1, 2, 3. DIAMETER OF SCREEN (NEAREST INCH) from to. GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL CIRCLE BOX (F).

WRA USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.), W Q. (74, 75, 76), TELESCOPE CASING, LOG INDICATOR, OTHER DATA.

PUMPING TEST: C 3 (seq no), HOURS PUMPED 2, PUMPING RATE 10 gal. per min., METHOD USED TO MEASURE PUMPING RATE air, WATER LEVEL 160, TYPE OF PUMP USED (for test) A (air).

PUMP INSTALLED: DRILLER WILL INSTALL PUMP (Y), IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE. TYPE OF PUMP (A, C, J, P, R, S, T, O). CAPACITY: GALLONS PER MINUTE, PUMP HORSE POWER, PUMP COLUMN LENGTH (nearest ft.). CASING HEIGHT (circle appropriate box and enter casing height) above/below LAND SURFACE 2 (nearest foot).



- CIRCLE APPROPRIATE BOX: [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 I HAVE COMPLIED WITH ALL CONDITIONS STATED ON THE ABOVE-CAPTIONED "PERMIT TO DRILL WELL". DRILLERS IDENT. NO. 238, DRILLERS SIGNATURE, SITE SUPERVISOR responsible for sitework if different from permittee.

B 1 **11845** SEQUENCE NO. WRA USE ONLY

STATE OF MARYLAND
APPLICATION FOR PERMIT TO DRILL WELL

WRA PERMIT NUMBER
HO-73-3988
fill in this form completely

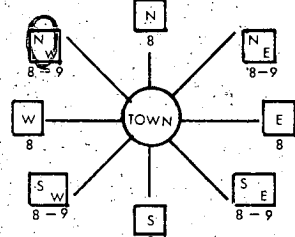
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

please print or type

DATE RECEIVED **8-27-81**
 9/14/81
 1:15 P.M.
 OWNER INFORMATION
 LAST NAME **Clonagan** OWNER **L.** FIRST NAME **Clifton**
 P.O. Box 109
 STREET OR RFD
 TOWN **Mlenwood** STATE **Md.** ZIP **21783**

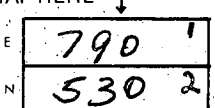
B 3 LOCATION OF WELL
 COUNTY **Howard**
 SUBDIVISION
 SECTION LOT
 NEAREST TOWN **Mlenwood**
 MILES FROM TOWN (enter 0 if in town) **1/2** **MI**

B 1 CONTINUED DRILLER INFORMATION
 DRILLER'S NAME **Joseph L. Mayne** LICENSE NO. **238**
 SIGNATURE **Joseph L. Mayne** DATE **Aug 27, 81**

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)

 NEAR WHAT ROAD **Union Chapel Rd**
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) WEST EAST SOUTH NORTH
 DISTANCE FROM ROAD **30** **MI**

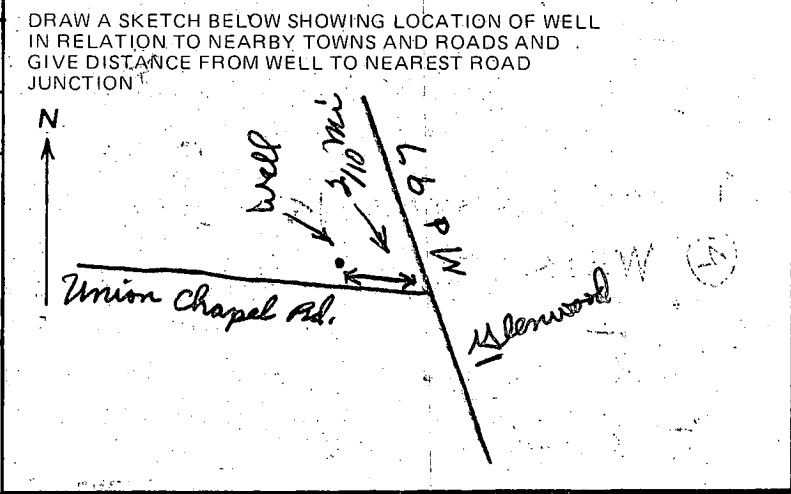
B 2 WELL INFORMATION
 APPROX. PUMPING RATE (GAL. PER MIN.) **5**
 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) **750**

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)

SHOW LOCATION OF WELL WITH AN "X" IN THIS BOX
 9/14/81
 WELL OK SEE OTHER SIDE RHT
 WRITE THE BOX NUMBER FROM THE MAP HERE


APPROXIMATE DEPTH OF WELL **160** 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

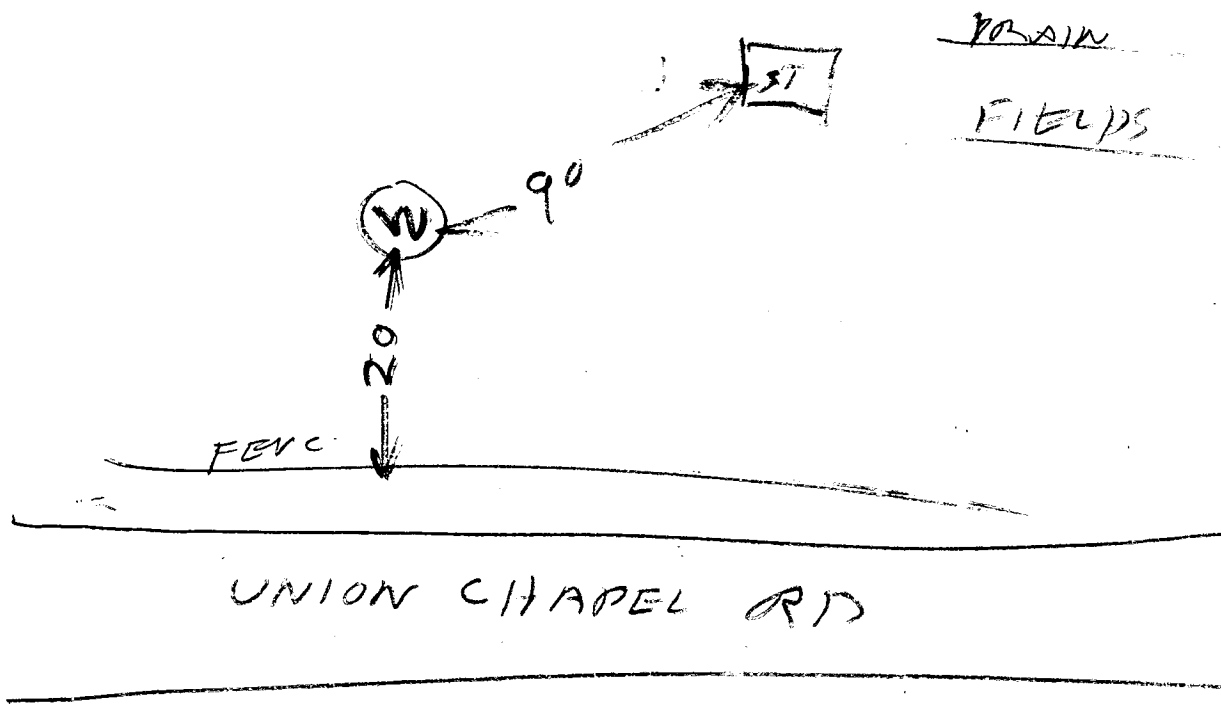


REPLACEMENT OR DEEPEMED WELLS (Circle Appropriate Box)
 THIS WELL WILL NOT REPLACE AN EXISTING WELL
 THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
 THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY
 THIS WELL WILL DEEPEM AN EXISTING WELL
 PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)

B 4 NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
 COUNTY NAME **HOWARD** COUNTY NO. **A31562**
 SIGNATURE **Frank Shen...** STATE HEALTH CIRCLE BOX
 MO **08** DAY **31** YR **81** DATE
 NORTH **532** EAST **0791** ELEV. (FT.)
 GRID 50 55 GRID 57 63 65 68

Not to be filled in by driller (WRA USE ONLY)
 APPROP. PERMIT NUMBER **GAP**
 FORCE **FS** INITIALS IN BOX **H0-73-3988**
 CONDITIONS **H0-73-3988**

B 5 SPECIAL CONDITIONS (WRA USE ONLY)



- ① 24 FT CASING 1/2 FT OUT OF GROUND
- ② WEIGHTED STRING DROPEP DOWN HOLE 22 FT
- ③ 5 BAGS
- ④ WELL OK

9/14/81
R HODGES

CARRS MILL RD.

Mc KENDRICK RD.

MD RT NO 97

"B"
101.131
ACRES

"A"
265.617
ACRES

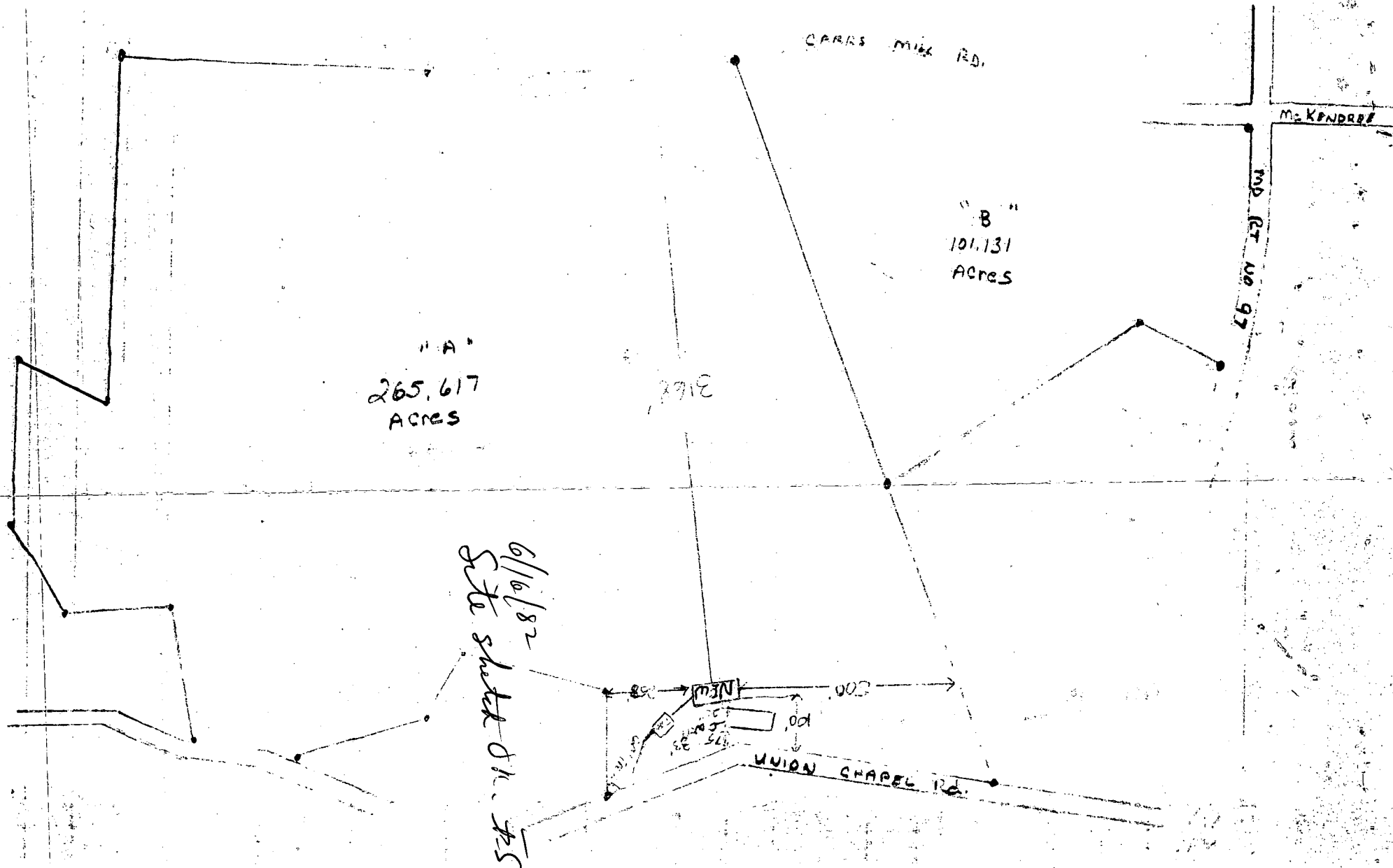
2912

6/16/82
Site sketch for FS

NEW

500

UNION CHAPEL RD.



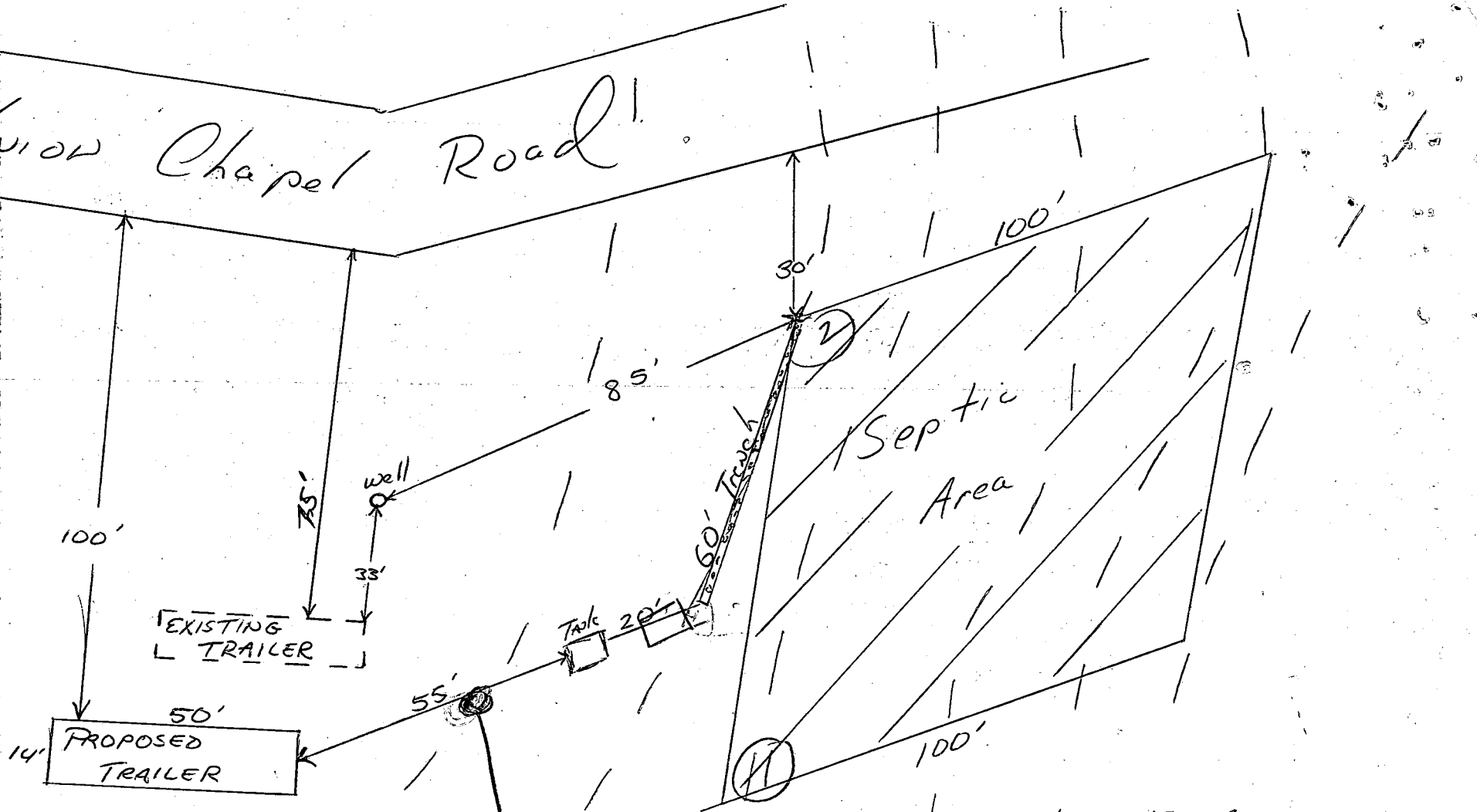
Union Chapel Road

Notes

F.F. 565.00'
 Elev. out 560.35'
 Elev. In tank 558.65'
 Elev. out tank 558.45'
 Elev. in field 558.00'
 Trench 60' long
 8 feet deep
 6 feet of stone

200'

K. ALLEN
 489 7095
 DREW PLANS



watertight CLEANOUT, EVERY 50 FT FT

TANK 175 FT FROM

5 FT⁶⁰ EARTH/BUFFER BETWEEN TANK & DITCH

MOVE TANK
 TO 5 FT OF
 TRENCH
 PUT CLEANOUT
 ON HOUSE SIDE

562

system FIRST 558

556

554

552

5-4-82 P.M.
1:30

APPLICATION

SEWAGE DISPOSAL TESTING

A 31903

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

1000 GAL TANK
DEEP DII

DISTRICT 4

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

DATE 4/27/82

150

BLDG. PERMIT SIGNED
AND RETURNED 4/16/82
Serial # 48912

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 CLIFTON L. CLEVENGER

ADDRESS P.O. Box 109 GLENWOOD MD. PHONE 854-6254

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. _____

ROAD AND DESCRIPTION 14850 UNION CHAPEL RD.
GLENWOOD MD. 21738

SIZE OF LOT 334 AC. TYPE BLDG. TRAILER
2 BEDROOM
(NUMBER OF BEDROOMS)

360

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.

Clifton L. Clevenger
(SIGNATURE OF APPLICANT)

APPROVED BY Raymond Hodges FOR Datch DATE 5/4/82

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING Here OK but must check

with FS about 2 trailers using one well
5/18/82 FS SAID OK BOTH TRAILERS TO USE WELL

THIS IS NOT A PERMIT

SOIL PROFILE

0

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	

REMARKS _____

TYPE OF SOIL _____

TESTED BY _____ ALSO PRESENT _____

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 473 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 992-2330

A 31903

P _____

DISTRICT 4

DATE 4/27/82

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Clifton L. Clevenger
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

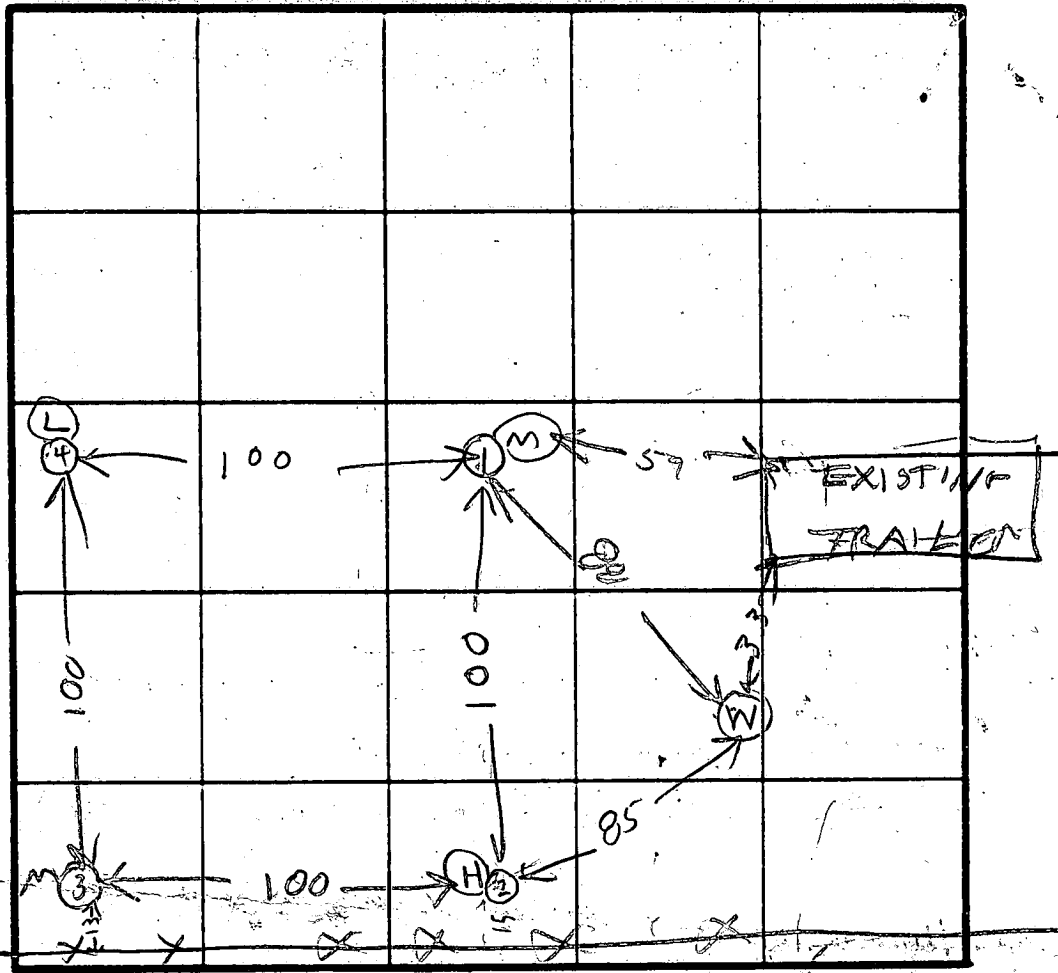
REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

UNION CHAPEL RD

TORT 97

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1' DROP		TIME
			START	STOP	START	STOP	
5/4/82	1S	4	217	221	221	225	4
	1D	8	217	221	221	224	3
	IV	11	ALL SAND				
	2S	4	221	223	223	227	4
	2D	8	221	223	223	225	2
	2V	17	ALL SAND				
	3S	4	228	242	242	246	3
	3V	12	ALL SAND				
5/4/82	4S	4	232	236	236	240	4
	4V	14	ALL SAND				

REMARKS: All septic system on farm OK. But there is a Trailer Hooked up to a House Septic System This Trailer To be moved to this well

TESTED BY: R. HODGES

ALSO PRESENT: K ALLEN

EH-12-1079

MAKE COPY FOR K ALLEN