

03-301087

WPI

PERMIT

P 43062
A 31076

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH DISTRICT 3rd

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

INDEXED

DATE 11/22/88

DATE SYSTEM APPROVED 11/3/88

INSPECTOR SAB

Jack Fyock

IS PERMITTED TO INSTALL ALTER

ADDRESS _____ PHONE 988-9270

SUBDIVISION Weissensel Property ROAD 12492 Howard Lodge Road LOT 1A

PROPERTY OWNER James Jacobs

ADDRESS _____

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

GARBAGE GRINDER? YES _____ NO

SEPTIC TANK CAPACITY 1000 GALLONS NUMBER OF BEDROOMS 3

TRENCHES 180 sq.ft. per bedroom. Trench to be 2 ft. wide; inlet 3 ft. below original grade; bottom depth 8 ft. below original grade; 5 ft. of stone below distribution pipe.

LOCATION - Place the distribution box 125 feet up the left (222.57') lot line and 90 feet off the same lot line as seen when facing the property from Howard Lodge Road. Run trenches along contour toward rear of the lot.

NOTE - No trench to exceed 100 feet in length. Provide 6"-8" diameter cleanout and cap to grade or above on septic tank.

ADDITIONAL NOTE - If basement facilities are desired, they may be serviced by either pumping up to the house sewer line or by installing a separate septic system lower on the lot.

PLANS APPROVED BY Craig Williams DATE 11/2/88

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

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 40 PVC OR ABS

PERMIT VOID AFTER TWO YEARS

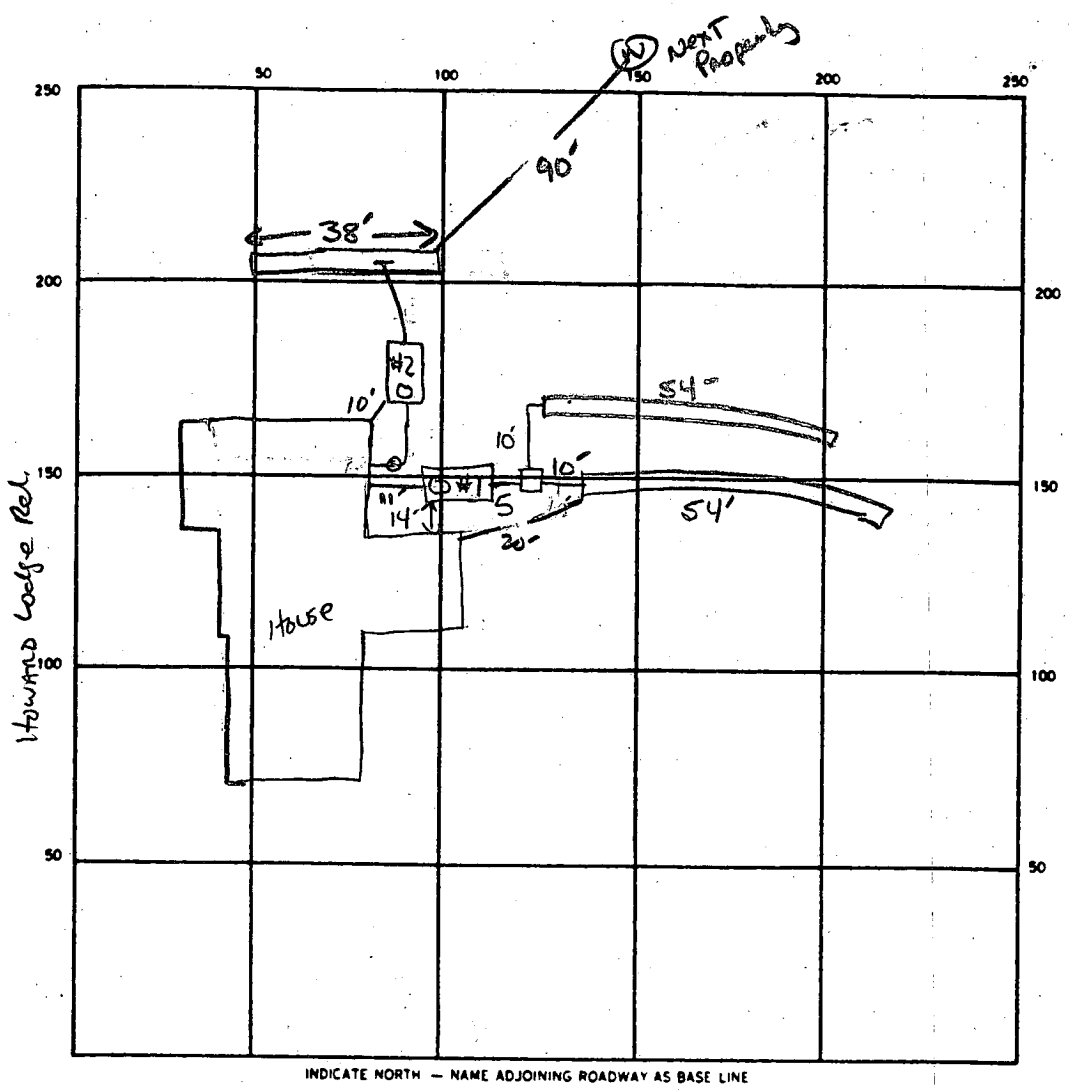
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

A 31076



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK. LEVEL 1000 GAL X 2 CLEANOUTS 1/0 ST 1+2 AND IN LINE TO #2

DISTRIBUTION BOX. LEVEL V SYST #1

DRAIN FIELD/TILE FIELD. DEPTH 7.5' SYST 2 TRENCH WIDTH 2 FT. INLET DEPTH 3.5' SYST 2
8' SYST 1 1-38'

EFFECTIVE GRAVEL DEPTH 4' SYST 2 FT. TOTAL LENGTH 2-54' #1 SYST = 108
5' SYST 1 #2 SYST 152

NUMBER OF TRENCHES #1 SYST 2 ONE SIDEWALL/BOTTOM AREA #1 SYST 540 SQ. FT.

DRYWELL INSIDE DIAMETER _____ FT. EFFECTIVE DEPTH BELOW INLET _____ FT.

ABSORBENT AREA 152 SYST 2
540 SYST 1 SQ. FT.

REMARKS 11/3/88 OK TO STONE TRENCHES SMC

DATE SYSTEM APPROVED 11/3/88

INSPECTOR S. Noel

A 31076

Woisensel Prop
SUBDIVISION: Howard Lodge Rd.

LOT NUMBER: 1A

DRY WELL OR DRY WELL AND TRENCH

_____ sq. ft./bedroom

	<u>Septic Tank</u>	<u>Minimum Total Square Feet</u>
3 bedroom	1000 gallon	_____
4 bedroom	1250 gallon	_____
5 bedroom	1500 gallon	_____

Inlet _____ feet below original grade.

Bottom maximum depth _____ feet below original grade.

Effective area begins at _____ feet below original grade.

NOTE: If trench is used to make up absorbent area, run the trench on level ground and leave a 5-foot earth buffer between dry well and trench. No trench is to exceed 100 feet in length. Trench inlet to be same as dry well, with _____ feet of stone below distribution pipe.

TRENCHES

180 sq. ft./bedroom

Trench to be 3 wide.

Inlet AS SHALLOW AS POSSIBLE feet below original grade.

Bottom maximum depth 1.5' below Inlet feet below original grade.

Effective area begins at _____ feet below original grade.

1.5 feet of stone below distribution pipe.

304 NO
DRY WELL

- NOTE:
- (1) No trench to exceed 100 feet in length.
 - (2) If more than one trench used, a distribution box is required.
 - (3) Trenches to be installed on level ground.
 - (4) Call for inspection of trench before gravel is installed.
 - (5) Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank and drywell.
 - (6) If a garbage disposal is used, increase septic tank capacity by 50% and increase absorbent sidewall area by 22%.

LOCATION: PLACE THE DISTRIBUTION BOX 125 FT UP THE LEFT (222.57')

LOT LINE AND 90 FT OFF THE SAME LOT LINE AS SEEN WHEN

FACING THE LOT FROM HOWARD LODGE RD. RUN TRENCHES ON

CONTOUR TOWARD THE REAR OF LOT, 2-2-88 S. ALAN UPDATED

11/1/88 SET TANK 8' FROM HOUSE; 2' BUFFER BETWEEN TANK AND DW; INLET AS

SHALLOW AS POSSIBLE (PROBABLY BETWEEN 5-5.5") 1.5' STONE BELOW INLET.

MAINTAIN 100 FT FROM WELL. S. ALAN

Letter 712
Julio 26
2/18/75

APPLICATION

HA
31076
A ~~21111~~

4-12' Trench on 10,000 sq SEWAGE DISPOSAL TESTING

P _____

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: 465-5000, EXT. 356

DISTRICT 3

DATE 4/2/75

Recorded
4/4/75
9:30

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 J. Weisensel James JACOBS

ADDRESS 12 Rambling Oaks Way - Apt. I PHONE 727-2980 (office)
Catonsville, Maryland 21228

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. 1A Lot 2A

ROAD AND DESCRIPTION paved road off Howard Lodge Drive
12492 HOWARD Lodge DR

SIZE OF LOT 1.096 acres TYPE BLDG. 3 or 4
NUMBER OF BEDROOMS

IF NOT SINGLE RESIDENCE DESCRIBE _____ (Single Fmly. Dwllg.)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE.

SIGNATURE OF APPLICANT /s/ Donald J. Weisensel

APPROVED BY Raymond Hodger FOR Trench on DATE 11/29/83
Thurwell
(KIND OF SYSTEM)

REJECTED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

BLDG. PERMIT SIGNED
AND RETURNED 2-2-88

BP16464
Sdu

THIS IS NOT A PERMIT

PRELIMINARY

APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 21076

P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES
P.O. BOX 476 ELLICOTT, MARYLAND 21043
TELEPHONE 992-2330

DISTRICT 3rd

DATE 12/12/00

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 J. Weisensel

Or Richard Zahn

Pat Lendrim - 442-2416

ADDRESS 38 Bloomsbury Ave., Balto., Md. 21228

PHONE 744-5800

PROPERTY LOCATION

SUBDIVISION _____

LOT NO. 1-A

ROAD AND DESCRIPTION

Howard Lodge Road

SIZE OF LOT

(?)

TYPE BLDG.

3 or 4 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.

SIGNATURE OF APPLICANT

/s/ Patrick J. Lendrim for Donald J. Weisensel

APPROVED BY _____

FOR _____

DATE _____

REJECTED BY _____

FOR _____

DATE _____

HOLD PENDING FURTHER TESTS _____

DATE _____

REASONS FOR REJECTION OR HOLDING

3/31/81 Perc OK Hold for certifiel holes RH

8/11/81 FS said drain fields

THIS IS NOT A PERMIT

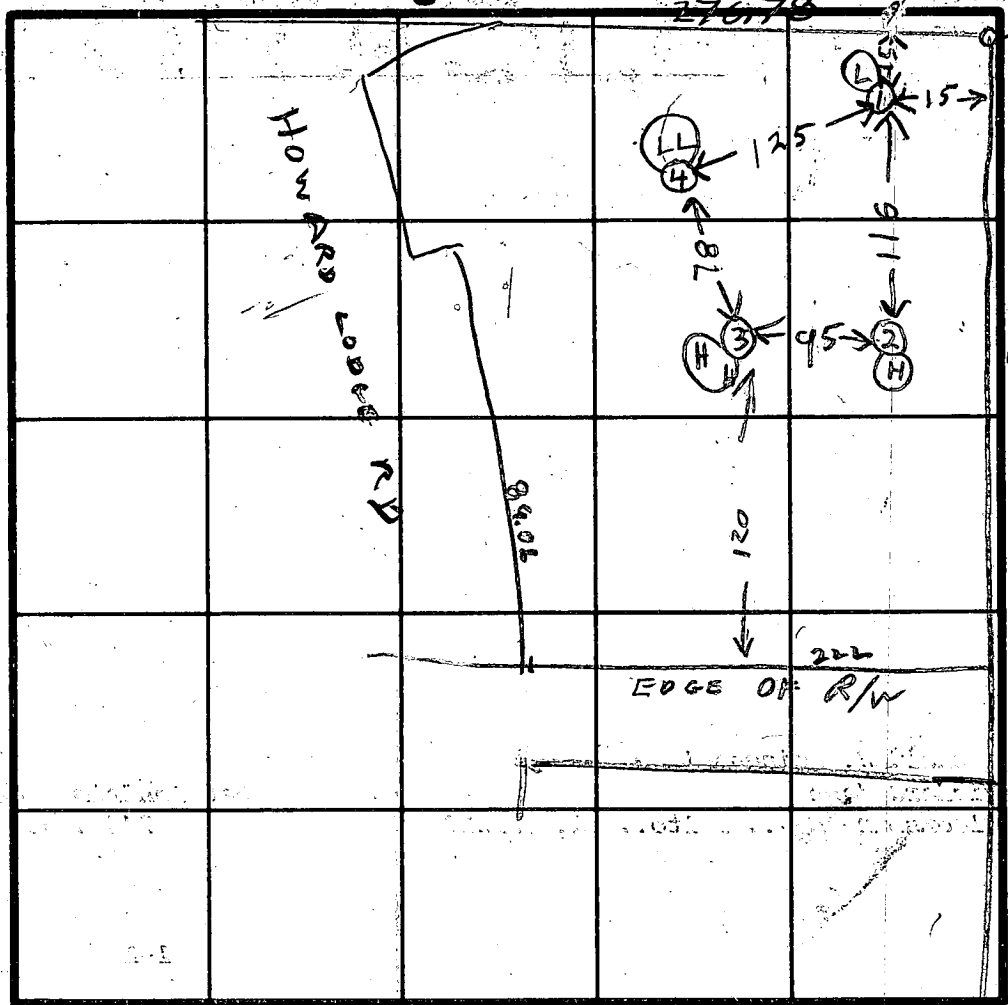
1A

27078

STAKE

SCALE

SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3/31/81	1 D	7 1/2	1026	1028	1028	1032	4
	1 S	3 1/2	1026	1028	1028	1032	4
	2 D	9 1/2	1038	1039	1039	1045	6
	2 S	5	1038	1042	1042	1049	7
	3 D	8 1/2	1104	1106	1106	1108	2
	3 S	4 1/2	1104	1106	1106	1110	4
	4 S	4 1/2	1118	1123	1123	1127	4
	4 D	7 1/2	1118	1121	1121	1125	4
	3 V	12	TOP 3 FT SANDY DRY		CLAYISH BOT 9 FT		
3/31/81	4 V	12	TOP 2 FT SANDY DRY		CLAYISH BOT 10 FT		

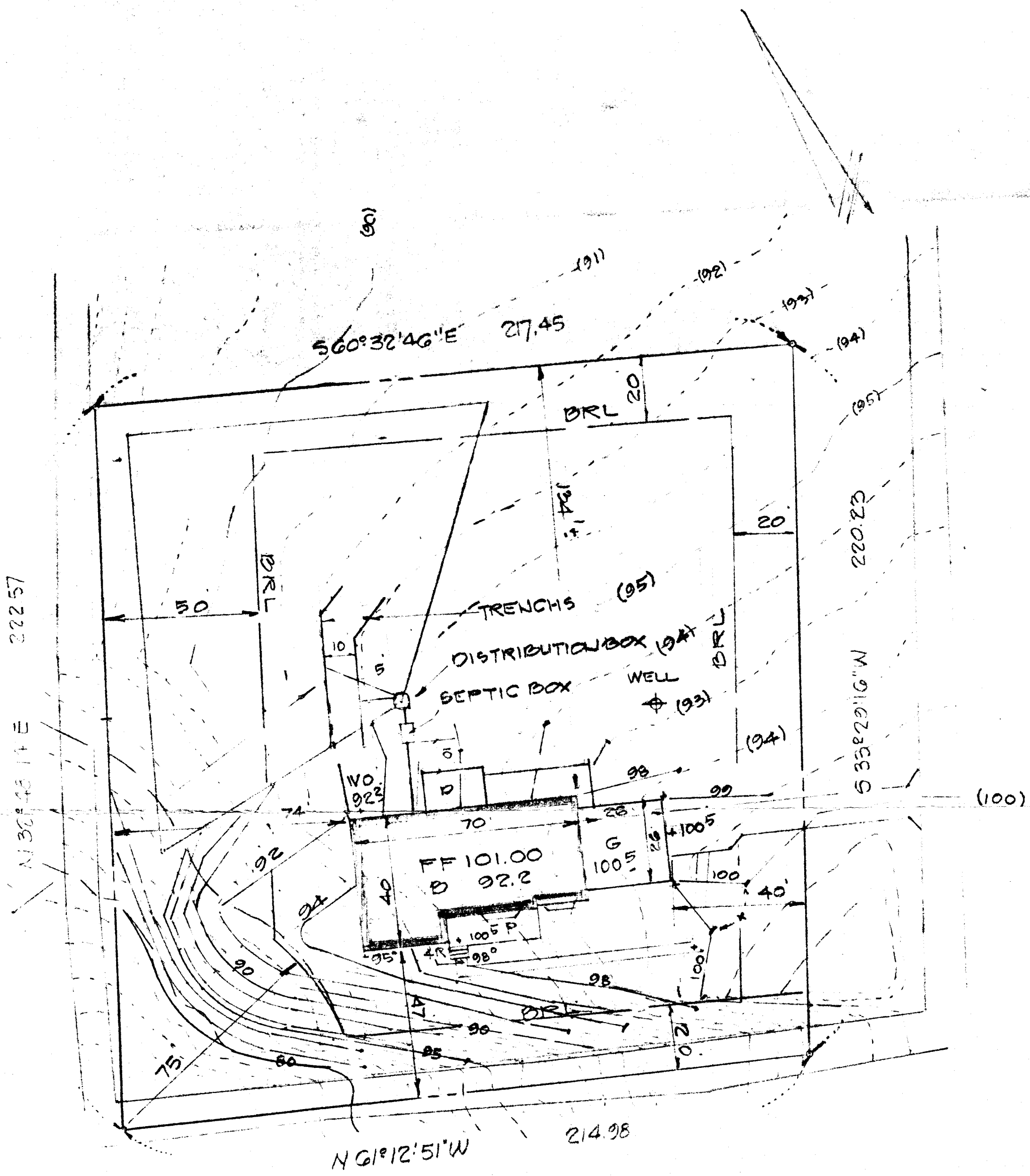
drought time

O.K. drain field

REMARKS _____

TYPE OF SOIL _____

TESTED BY B HODGES ALSO PRESENT PAT LINDREN



NOTE TRENCHS TO BE CONSTRUCTED ON CONTOUR

HOWARD LODGE ROAD

NOTE: USE 2 TRENCHS, 50' EA.
 INLET 3' BELOW ORIGINAL GR.
 MAX. DP. 8"
 5' @ STONE BELOW INV. IN

2/2/88
 M. M. M.
 S. M.

BLDG. PERMIT SIGNED
 AND RETURNED 2-2-88

SITE PLAN

LOT 1-A HOWARD LODGE ROAD
 HOWARD COUNTY, MARYLAND
 JOBN° 8918 DATE: JAN. 13 1988
 SCALE: 1"=30'

PREPARED BY:
 JOHN C. MELLEMA SR., INC.
 LAND SURVEYORS
 6100 BALTIMORE NATIONAL PIKE
 BALTIMORE, MD. 21208
 (301) 744-3080

Basement elevation (if applicable)	92.2 ✓
First floor elevation	101.00 ✓
Invert out of house	91.30 ✓
Invert into septic tank	91.00 ✓
Invert out of septic tank	90.70 ✓
Invert into distribution box (if applicable)	90.40 ✓
Invert into trench(s)	90.00 ✓
Existing grade at septic tank	94.00 ✓
Existing grade at distribution box (if applicable)	93.9 ✓
Existing grade at trench(s)	93.00 ✓
Elevation of well at grade	96.80 ✓

NOTES:
 Maximum slope of sewer pipes 1/4"/1'
 Minimum slope of sewer pipes 1/8"/1'
 No construction to impact sewage easement including driveways

B 1 **8566** 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
 please print or type

OEP PERMIT NUMBER
HO-81-1052
 fill in this form completely

OWNER INFORMATION
 Date Received **0529FS**
 JACOBS JIM
 7400 VILLAGE RD HOV 12
 SYKESVILLE MD 21784

LOCATION OF WELL
 HOWARD
 DOWNHILL S. WEISERWAL
 SECTION 44 46 LOT 1A
 SLACKS CORNER
 MILES FROM TOWN 2 MI

DRILLER INFORMATION
 Joseph C. Wayne 238
 5512 Ridge Rd. Mt. Airy Md 21771
 5/23/85

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)
 NEAR WHAT ROAD: Howard Lodge Rd
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
 DISTANCE FROM ROAD: 100 FT

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

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)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
 Howard A 31076
 COUNTY NAME COUNTY NO.
 OEP SIGNATURE STATE HEALTH INSERT S
 DATE ISSUED 060585
 CO SIGNATURE EXP. DATE
 NORTH GRID 548000 EAST GRID 0815000

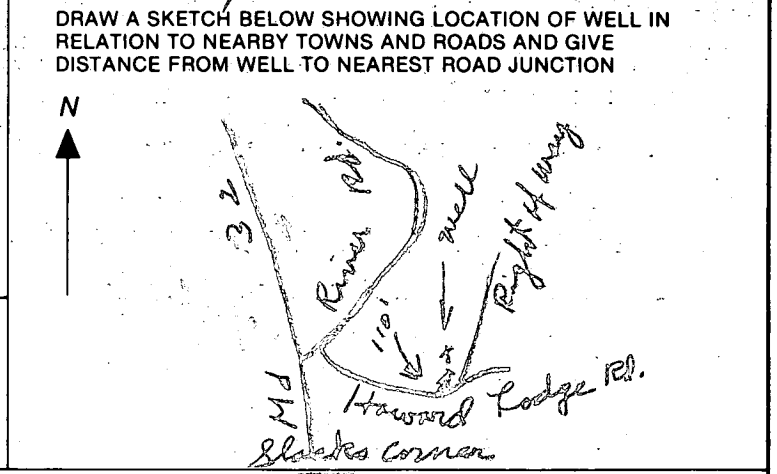
APPROXIMATE DEPTH OF WELL 200 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH

METHOD OF DRILLING (circle one)
 BORED (or Augered) JETTED Jetted & DRIVEN
 AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary)
 CABLE REVERSE-ROTARY Drive-POINT
 other _____

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
 E 810 3
 N 540 8

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)
 APPROP. PERMIT NUMBER GAP
 FORCE **GW** WRITE INITIALS PERMIT No. **HO-81-1052**

SPECIAL CONDITIONS

NOON - 3 hrs.

Review H 9471

Date of August 5, 1965

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 81-1052
Location of property (road) Howard Lodge Rd
Subdivision Donald Weisenal Lot 1A Block Plat Sec.
Well Driller Joseph L. Mayne Owner Jim Jacobs

Depth of well 185'
Distance of measuring point (M.P.) above ground
Static water level (S.W.L.) below M.P. 30'

High rate pumping -- reservoir drawdown

Time pump started 11:45 Pumping rate 12
Total time 30 min to reach pumping water level 77 ft. below M.P.

1. Recovery pump test data - observations to be recorded every 15 minutes

Table with 5 columns: TIME (in 15 minute intervals), WATER LEVEL below M.P., PUMPING RATE time to fill 5 gallon bucket, FLOW METER READING (if used), CALCULATED FLOW (gallons per minute). Row 1 contains handwritten data: 1:30, 75, 5 min, 12.

C1 2319 SEQUENCE NO. (OEP USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

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

COUNTY NUMBER A 31076

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

DATE RECEIVED DATE WELL COMPLETED 080585

DEPTH OF WELL 185 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" NO-81-1052

OWNER JACOBS, JIM last name first name STREET OR RFD HOWARD LODGE RD TOWN SLACKS CORNER SUBDIVISION WEISENSEL PROPERTY SECTION LOT 1A

WELL LOG Not required for driven wells STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

Table with columns: DESCRIPTION, FEET (FROM, TO), Check if water bearing. Includes handwritten entries: Brown Shale, Blue Rock.

GROUTING RECORD WELL HAS BEEN GROUTED (Y/N) TYPE OF GROUTING MATERIAL CEMENT (CM) BENTONITE CLAY (BC) NO. OF BAGS 13 NO. OF POUNDS 1222

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

MAIN CASING TYPE Nominal diameter (nearest inch) Total depth (nearest foot) 57 6 49

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

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

DEPTH (nearest ft.) 185. Slot size 1, 2, 3. DIAMETER OF SCREEN (NEAREST INCH)

CIRCLE APPROPRIATE LETTER 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...

DRILLERS IDENT. NO. 238 DRILLERS SIGNATURE Joseph L. Mays

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 TELESCOPE CASING LOG INDICATOR 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 30 WHEN PUMPING 77 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)

