

approved 7/13/84
Stayed

4/26/84

APR 24 1984
AUSTINE

APR 1, 1983
3:00 PM
NOON

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH*

P 33253

A 31387

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
992-2330

ELLICOTT CITY
DISTRICT 6th
DATE 10/21/83

INDEX

06-465803

Voneiff _____ IS PERMITTED TO INSTALL ALTER _____

ADDRESS 9900 Gorman Road, Laurel, MD 20707 PHONE _____

SUBDIVISION Parcel #4, Tax Map 47 ROAD 9910 Gorman Road LOT 3
OR 9910

PROPERTY OWNER Ladue Real Estate

ADDRESS 511 Fourth Street, Laurel, MD 20707

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

GARBAGE GRINDER? YES NO

SEPTIC TANK CAPACITY 1500 GALLONS NUMBER OF BEDROOMS 3

10/25/83 Garbage Grinder
to be installed per T.C.
E. Ron Ladue & Jack C. Lark
F.S.

TRENCHES ONLY NEED BE INSTALLED FIRST

Trench system to be a tile field with 230 sq. ft., bottom area per bedroom. Trench 4 FT inlet to be at 2 1/2 ft. below original grade, with a minimum of 18 inches of gravel below perforated distribution pipe. Maximum bottom depth is 4 ft. below original grade, except for midsections of trenches where ground is slightly higher, bottom may be up to 2 ft. deeper. Start the first trench at a point 55 ft. from the front lot line and 10 ft. from the right sideline as seen when facing the lot from Gorman Road. Continue to dig the trench towards a point 10 ft. from the front lot line and at the middle of the lot. Place the second trench parallel to and 10 ft. away from the first trench.

PLANS APPROVED BY Frank Skinner DATE June 10, 1983

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.

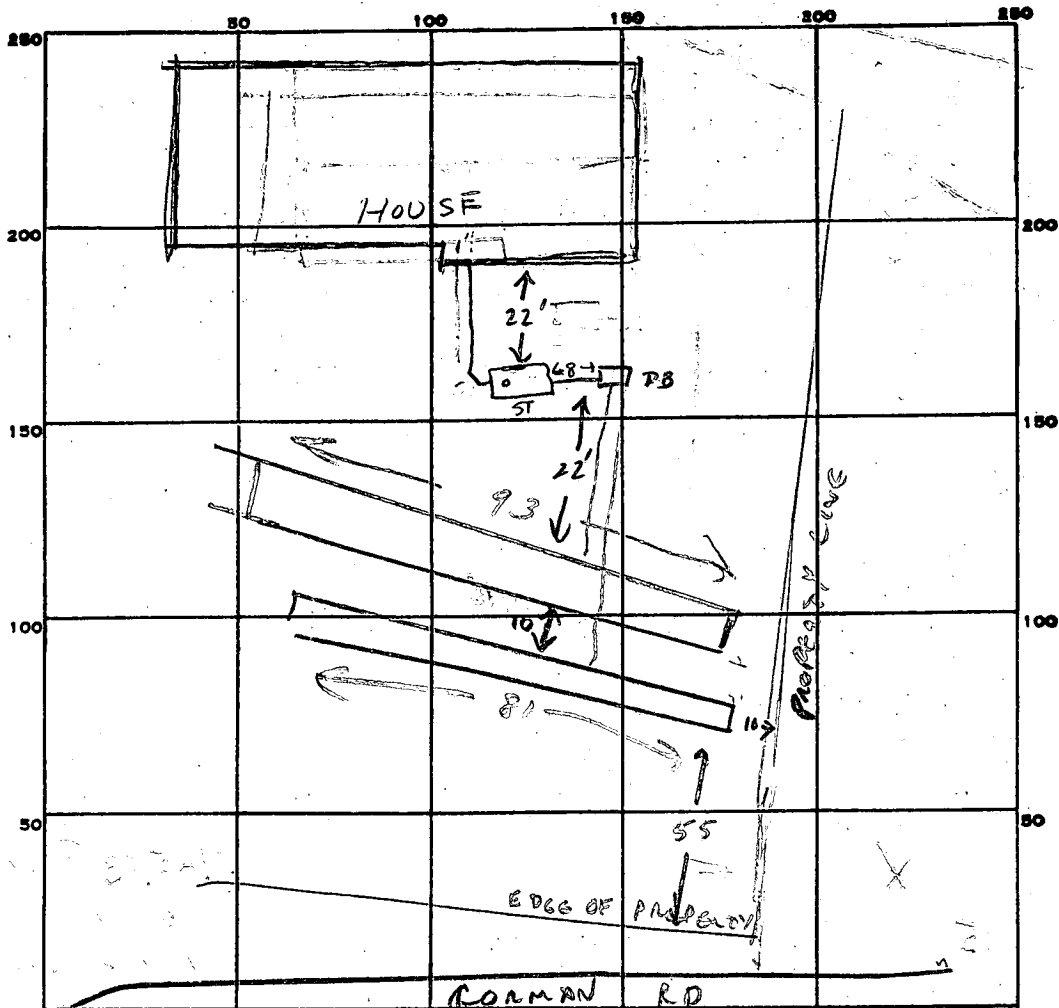
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA, OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED.

BLDG. PERMIT SIGNED
AND RETURNED 11/10/83
Serial No. 56441

A 31387

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

*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

PERMIT CARD ✓

SEPTIC TANK, LEVEL ✓

CLEANOUTS ST ✓

DISTRIBUTION BOX, LEVEL N/A

TILE FIELD, DEPTH 14 FT. TRENCH WIDTH 4 FT.

GRAVEL DEPTH 18 IN. TOTAL LENGTH 174 (81+93) FT.

NUMBER OF TRENCHES 2 TOTAL BOTTOM AREA 174 x 4 = 696

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

TOTAL ABSORBENT AREA 696 SQ. FT.

REMARKS _____

TRENCHES OK 11-1-83 CW ADD GRAVEL + PIPE.

GRAVEL INSTALLED OK TO COVER TRENCHS. NO CONNECTION TO TRENCHES INSTALLED YET 11-1-83 CW

4/24/84 TANK AND DB CONNECTED TO TRENCHES. NO CLEANOUT OR HOUSE CONNECTION CW

4/26/84 HOUSE CONNECTION OK. CLEANOUT NEEDS CAP FOR FINAL APPROVAL. CW

7/13/84 Clean out installed with cap. J

DATE SYSTEM APPROVED 7/13/84 INSPECTOR Stayer

APPLICATION

31387

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

Septic System to be Installed prior

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

to building permit approval

DISTRICT _____

Trenches only need be installed first

DATE 4-8-81

Trench system to be a tile field with 190 SQ. FT. BOTTOM AREA PER BEDROOM.
Trench inlet to be at 2 1/2 feet below original grade, with a minimum of 18 inches
of gravel below perforated distribution pipe. Maximum bottom depth is 4 feet
below original grade, except for midsections of trenches where ground is slightly
higher bottom may be up to 2 ft. deeper. Start the first trench at a point 55' from the front lot line
and 10 ft. from the right side line as seen when facing the lot from Gorman Road.

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

Continue to dig the trench towards a point 10 feet from the front lot line and
at the middle of the lot. Place the second trench parallel to and 10 feet
away from the first trench.

I HEREBY APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Ronald R. Ladue

ADDRESS 9900 Gorman Road Laurel, Md. PHONE 953-7666

PROPERTY LOCATION:

SUBDIVISION Parcel #4 Tax Map 47 LOT NO. "3"

ROAD AND DESCRIPTION Route #29 East on Gorman Road Approx. 3 miles to property on left.
(old yellow frame structure on front)

SIZE OF LOT 4.25 acres TYPE BLDG. 3 Bedrooms, NO GARBAGE DISPOSAL
one residential dwelling

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 [Signature]

B.P.# 56441
signed & returned 11/10/83
for S.F.D.

APPROVED BY [Signature] FOR tile field DATE 6/10/83

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS C. B. Stecker DATE 6/8/81

REASONS FOR REJECTION OR HOLDING 5/26/81 FOR REDESIGN POSSIBLY OF SEWAGE
EASEMENT AREA & FOR WET SEASON TESTS, 5/27/81 OFFICE LATE
RM. NOT APPROVED - HOLD FOR WET SEASON. 6/10/81 LOT 3 MAY BE
ABANDONED PER MR. LADUE @ SITE. C.B.D. F.D. & C.B.D.

THIS IS NOT A PERMIT

5/11/83 UNSATISFACTORY BUT HOLD FOR REVIEW

4/28/83 HOLD FOR REVIEW WATER SLOW 5/13/83 More Tests reqd
5/15/83 UNSATISFACTORY WATER SLOW 5/13/83

Per

APPLICATION

A 31387

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, MARYLAND 21043
TELEPHONE: 992-2330

DISTRICT _____

DATE 4-8-81

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 Ronald R. Ladue

ADDRESS 9900 Gorman Road Laurel, Md. PHONE 953-7666

PROPERTY LOCATION:

SUBDIVISION Parcel #4 Tax Map 47 LOT NO. "3"

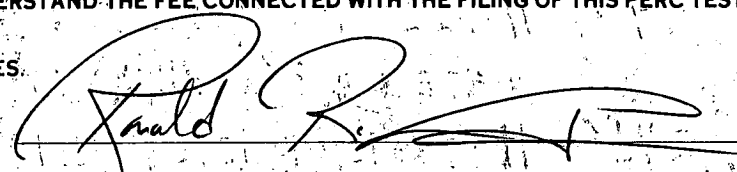
ROAD AND DESCRIPTION Route #29 East on Gorman Road Approx. 3 miles to property on left.
(old yellow frame structure on front)

SIZE OF LOT 4.25 acres TYPE BLDG. one residential dwelling

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 

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

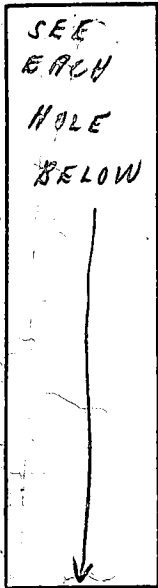
HOLD PENDING FURTHER TESTS C. B. Streaker DATE 6/8/81

REASONS FOR REJECTION OR HOLDING 5/13/81 FOR REJECTION POSSIBLY OF SEWAGE
EMACEMENT AREA FOR WET SEASON TESTS. 5/27/81 OFFICE
MANOT APPROVED - HOLD FOR WET SEASON. C.B.M.
F. H. C. B. S.

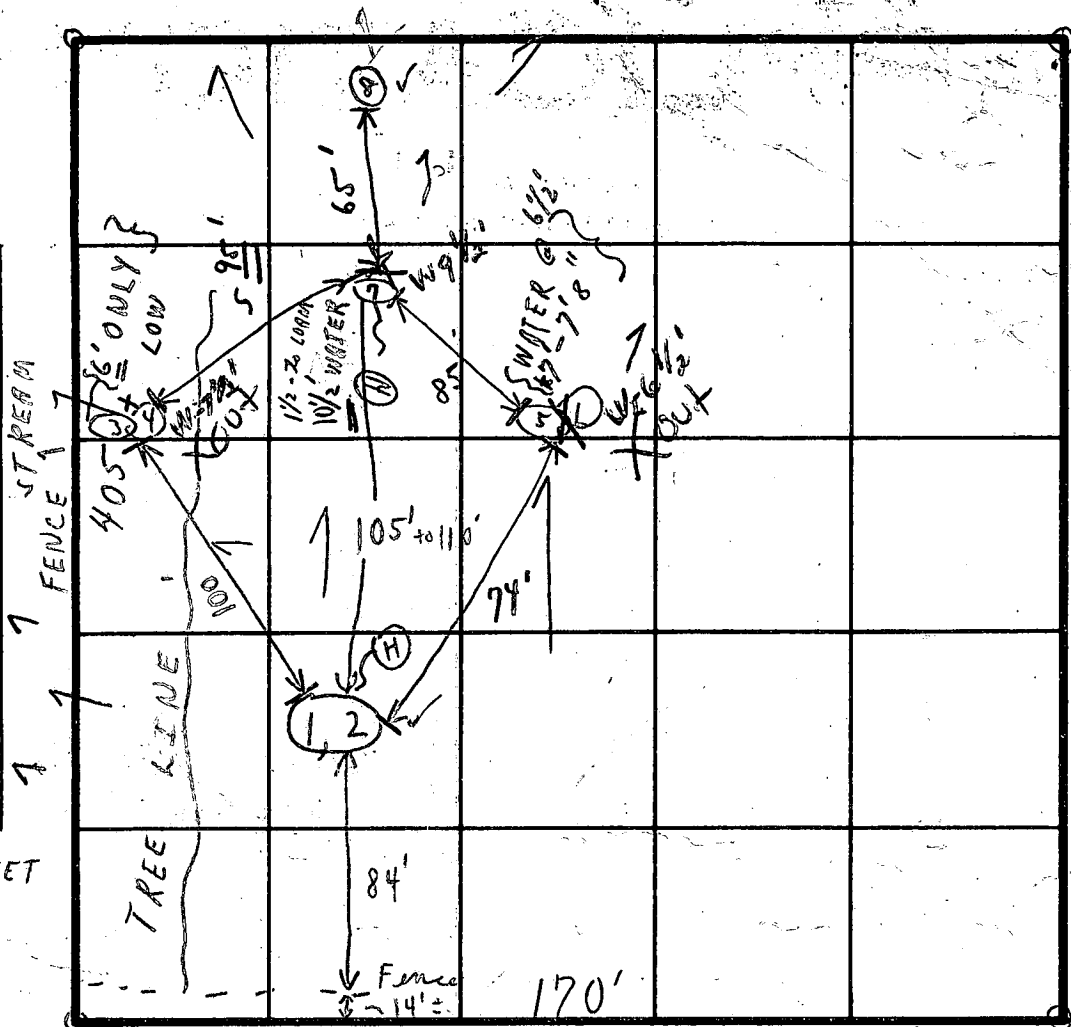
THIS IS NOT A PERMIT

#3

SOIL PROFILE



FIELD SHEET



EDGE INDICATE NORTH. NAME ADJOINING ROADWAY AS BASE LINE. OF ROAD

FOR MAN ROAD

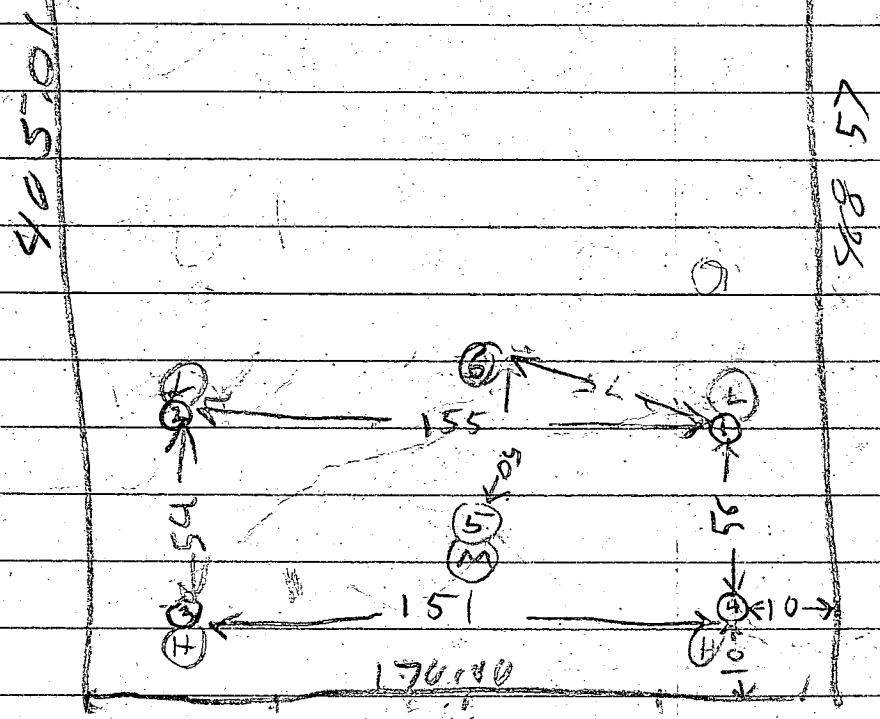
SOIL PROFILE	DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
				OPEN LAWN START	STOP	START	STOP	
1'-2" CLAY	5/26/81	(1)	2'	10:03	:		>10:04	1/2" ±
2'-10" SANDY DARK LOAM TO 10'		(H) 2	5 1/2'	10:11	10:15	10:15	10:32	1 1/2"
1'-6" CLAY MOSTLY CLAY TO 3'		(3)	4'	11:22	:	11:53	3/4" @ moist	X
{ SOME LOAM } + CLAY TO 10'		(4)	1'	WATER @ 8'	:	(11:54)	:	X
1'-2" CLAY		5	2 1/2'	11:58	12:01	12:01	12:10	9 1/2"
8 1/2"		(6)	1'	WATER @ 6 1/2'	:	:	:	X X
1'-1 1/2" CLAY		(H) 7 B	(1 1/2' - 10 1/2' sandy 10 1/2' WATER)					HOLD FOR WET SEASON
1 1/2' - 10 1/2' LOAM		(8 B)	1'					HOLD FOR WET SEASON
1'-2 1/3" CLAY		7 A.D.	2'	11:28	11:32	11:32	11:39	7"
2 1/2" TO NO LOAM	5/27/81	8 A	3'	11:31	11:33	11:33	11:37	4"

REMARKS: 5/26/81 HOLD FOR MORE? (3,4) IN WOODS
 5/27/81 TESTS +/m REDESIGNS High grass
 TYPE OF SOIL: IF USE AREA WITH WATER
 TESTED BY: C.B. HOLD FOR WET SEASON MR. CLARK
 ALSO PRESENT: (2) DIGGERS MR. CLARK
 CARL + PATRICK

10'
 WATER @ 7 1/2"
 5/27/81
 9 1/2" WATER
 R.M. 5/27/81

WASKEY PROP
Parcel 4

A 31387



150
170
10500

GORMAN RD

190 sq ft / B.R
Inlet 2 ft
bottom 3 1/2 ft

DATE	#	DEPTH	START	STOP	START	STOP	TIME
4/23/83	1S	2 1/2	225	238	238	255	17
	1V	10 1/2	WATER		9 1/2		
	2S	2 1/2	232	233	233	234	1
	2V	10 1/2	WATER		9 1/2		
	3S	2 1/2	236	240	240	244	4
	3V	12	WATER		11 1/2		
	4S	2 1/2	250	254	254	306	6
	4V	10	WATER		10 FT		
	5S	2 1/2	252	302	302	326	24
	5V	10	WATER		8 1/2		

Test by Roddy also Present
owned
m. adew
BILL CONOVA #1660
CARL WHITE #

WASKEY PROOF
Parcel 4

A31387

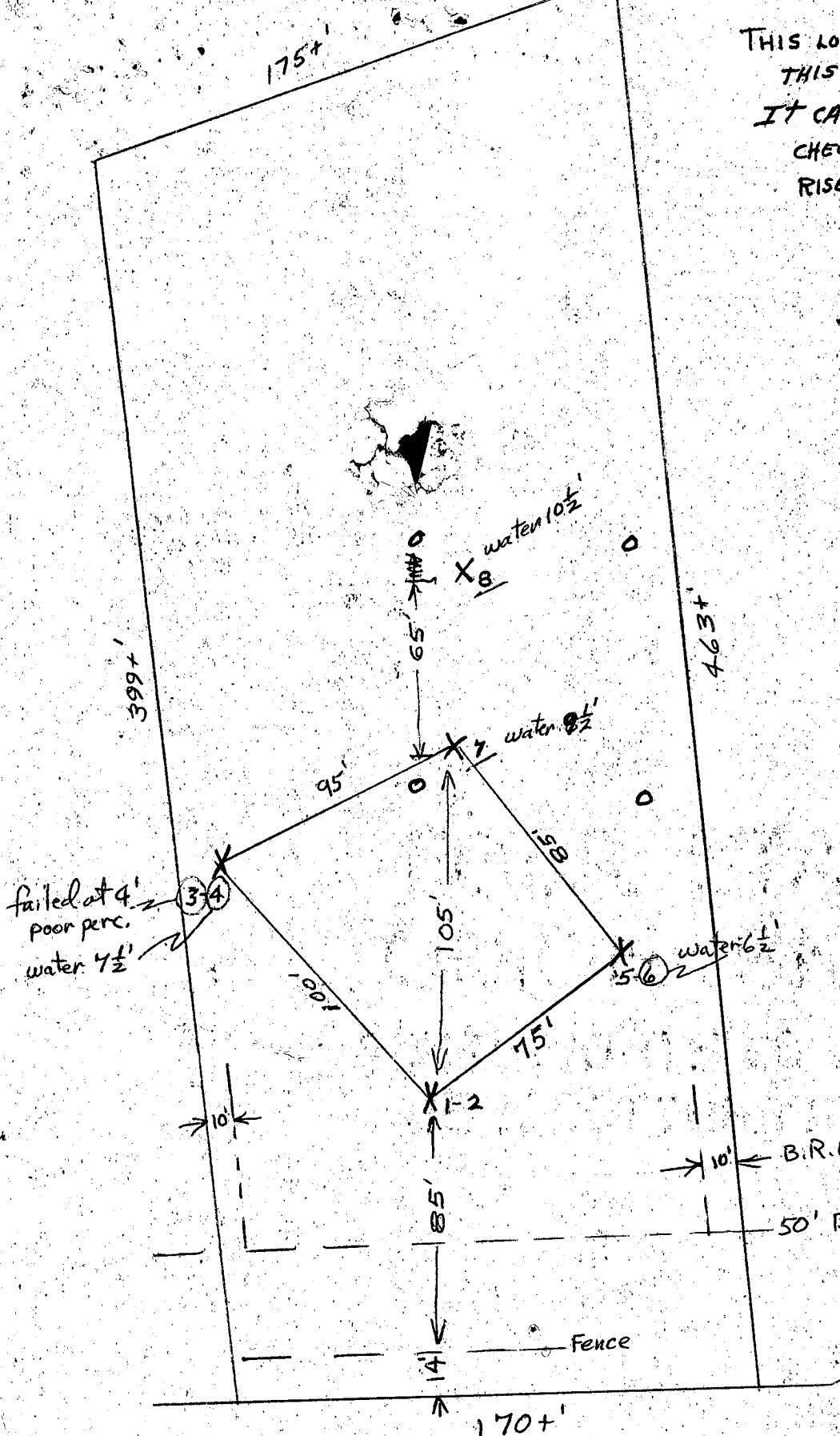
DATE	#	DEPTH	START	STOP	START	STOP		
4/28/83	1M	7 1/2	3.07	3.20	3.20	3.35	15	
	4M	8	3.28	4.00	little per	SLOW		
	3M	8	3.39	Stick movement needed			3	
	3M	8	3.42	4.12	little per	SLOW		
	3M	7 1/2	3.46	3.48	3.48	3.56	8	
4/28/83	5M	8	3.53	4.15	little per	SLOW	10 1/2	
5/5/83	6V	9	ALL SANDY					
	7V	10	WATER 6 FT					
	8V	10	ALL SANDY					
	9V	11	WATER 8 FT					
	10V	9	ALL SANDY					
			WATER 10 FT					
			WATER 7 FT					

5/5/83 Test By B. Fodger

also Present Mr Miller Builder
Conover Backhoe
White Backhoe
Tony Riggola Buyer

see Drawing on
separate sheet

THIS LOT IS NON-BUILDABLE AT THIS TIME
 IT CAN ONLY BE REPERCED & CHECKED FOR WATER TABLE RISE DURNING THE WET SEASON



Scale 1" = 50'
 holes located approximately

- X - original test sites
- O - proposed test sites
- ⊗ - failed test hole
- # - test hole number
- 7 - good soil from grade to water
- 8 - " " " " " "
- 2 - hole failed at 2' but field report indicates good soil & passing at 5 1/2'

Gorman Rd.

Ronald Cadus
Lot 3

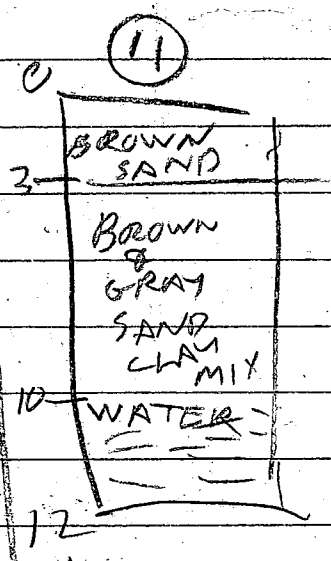
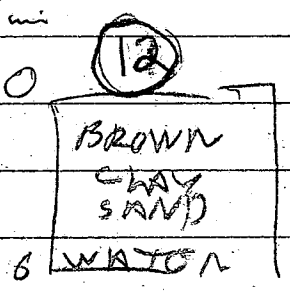
31387

WASKEY PROPERTY

DATE	#	DEPTH	START	STOP	START	STOP	TIME
5/12/83	4EM	6	1114	1226	LILLPERL	72	MIN
	5EM	6	1116	1121	1121	1129	7
	2EM	6	1117	1124	1129	1145	17
	H S	2 1/2	1120	1122	1122	1128	6
	11M	6	1124	1158	1158	1234	20 min SLOW
	6S	2 1/2	1141	1208	1208	1240	32 SLOW
	6V	6	UNDERGROUND WATER		6 FT	AGAIN	
	12 S	2 1/2	1148	1200	1200	1216	16 min

5/12/83

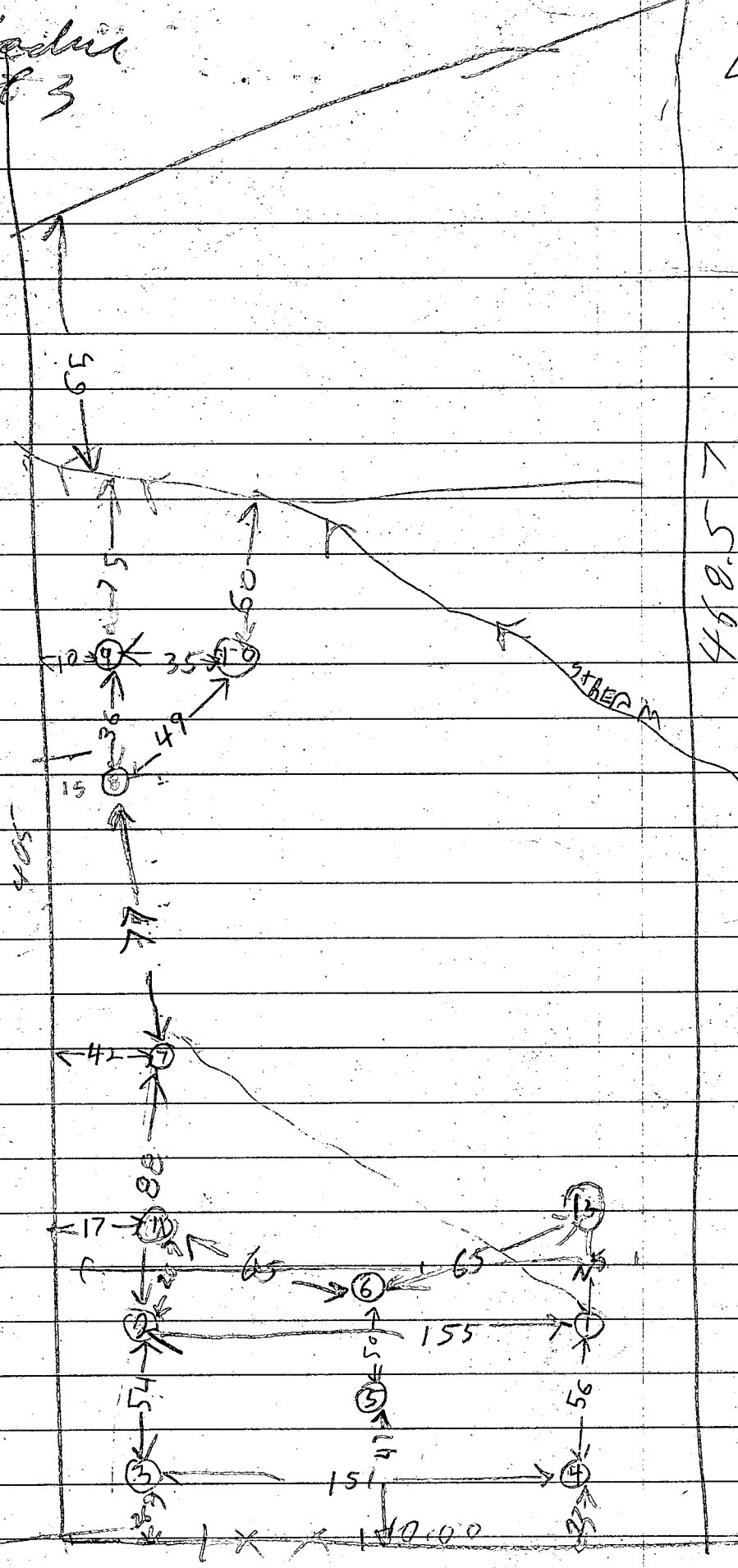
12W	6	SEE SOIL PROFILE		UNDERGROUND WATER	6 FT	0
11V	12	SEE SOIL PROFILE		UNDERGROUND WATER	10 FT	



Test By R. Hodges at present Jack Clark Sawyer
5/12/83
Miller build
Conora backhoe

Ronald Lader
cat 3

A 31387
LH3



75
36
77
82
54
340

50.5
468.5

7211
821

51515 RE

GURMAN RD

B 1 7174

SEQUENCE NO. (OEP USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

OEP PERMIT NUMBER

HO-81-0277

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

10/6/83

10:30 A.M please print or type

fill in this form completely

Date Received

082383

OWNER INFORMATION

DADUS REAL ESTATE

511 FOURTH STREET

LAUREL MD 20707

B 3

LOCATION OF WELL

HOWARD COUNTY

WASKY PROPERTY

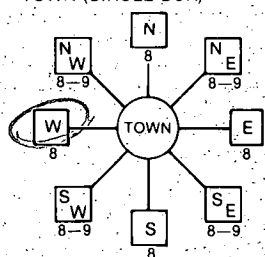
SECTION LOT 3

SAVAGE

MILES FROM TOWN (enter 0 if in town) 2 MI

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Goeman Road NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) WEST EAST SOUTH NORTH

130 DISTANCE FROM ROAD ENTER FT or MI FT

B 2

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 COUNTY NAME A31387 COUNTY NO.
OEP SIGNATURE STATE HEALTH INSERT S
DATE ISSUED 092083 Frank Skimin 3/20/84 EXP. DATE
NORTH GRID 477000 EAST GRID 0841000

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

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

WRITE THE BOX NUMBER FROM THE MAP HERE

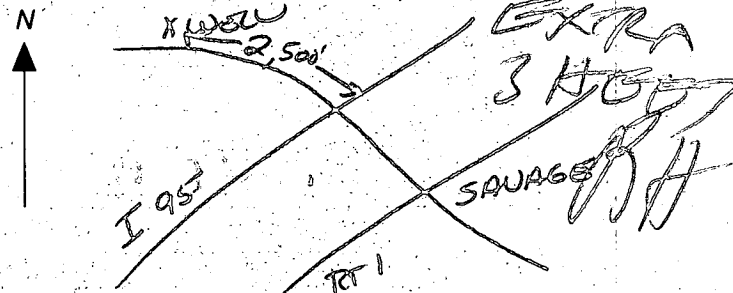
840 1
470 7

XWELL
10/6/83
WELL
GROUT
OK
SEE WELL

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)

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION



Not to be filled in by driller (OEP USE ONLY)

APPROP. PERMIT NUMBER GAP

FORCE FS WRITE INITIALS IN BOX PERMIT No. HO-81-0277

SPECIAL CONDITIONS

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Permit No. HO - 81-0277
 Location of property (road) Gorman Road
 Subdivision Waskey Property Lot 3 Block - Plat - Sec. -
 Well Driller George Eastday Owner Zadur Real Estate

Depth of well 300 36pm
 Distance of measuring point (M.P.) above ground 2'
 Static water level (S.W.L.) below M.P. 13'

I. High rate pumping -- reservoir drawdown

Time pump started 8:55 Pumping rate 12 G.P.M
 Total time 20 min to reach pumping water level _____ ft. below M.P.

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

TIME (in 15 minute intervals)	WATER LEVEL below M.P.	PUMPING RATE time to fill $\frac{1}{2}$ gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
9:15	85'6"	20 sec		3.6 P.M
9:30	86'	20 sec		3.6 P.M
9:45	86'	20 sec		3.6 P.M
10:00	86'	20 sec		3.6 P.M
10:15	86'6"	20 sec		3.6 P.M
10:30	86'6"	20 sec		3.6 P.M
10:45	86'6"	20 sec		3.6 P.M
11:00	86'6"	20 sec		3.6 P.M
11:15	87'	20 sec		3.6 P.M
11:30	87'	20 sec		3.6 P.M
11:45	87'	20 sec		3.6 P.M
12:00	87'	20 sec		3.6 P.M
12:15	87'	20 sec		3.6 P.M
12:30	87'	20 sec		
12:45	House Came off			
1:00	130'	20 sec		3.6 P.M
1:15	130'	20 sec		3.6 P.M
1:30	129'	25 sec		2.4 G.P.M
1:45	129'	20 sec		3.6 P.M
2:00	130'	20 sec		3.6 P.M
2:15	130'	20 sec		3.6 P.M
2:30	130'	20 sec	GAUGE	3.6 P.M
2:45	130'6"	20 sec		3.6 P.M
3:00	130'6"	20 sec		3.6 P.M
3:15	130'6"	20 sec		3.6 P.M

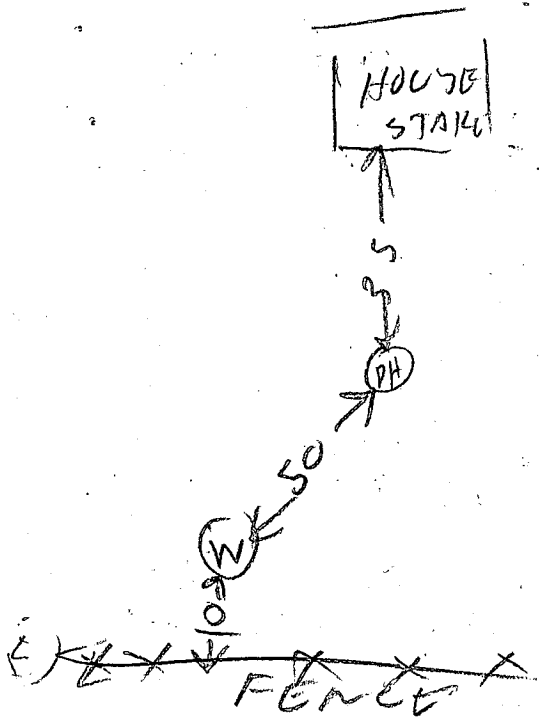
P 270'

Land Real Estate ^{Owner}
Waskey Prop Lot 3
No paperwork

Tag # 10277

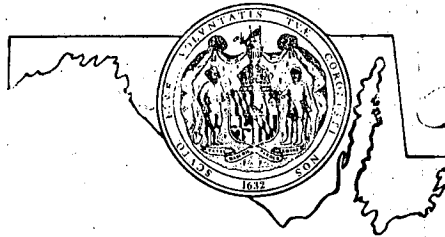
WELL GROUT
EXTRA
SHEET

- ① 21 FT casing 2 FT
- ② 18 FT open hole
- ③ 40 BAGS
corn BD



- ④ LOCATION PROBABLY OK. MUST CHECK PERC PAPERS
- ⑤ WELL GROUT OK BUT MUST CHECK LOCATION
- ⑥ CHECKED PAPER WORK LOCATION
- ⑦ WELL GROUT OK 10/6/83 BD

State of



Maryland

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

201 WEST PRESTON STREET • BALTIMORE, MARYLAND 21201 • Area Code 301 • 383-2969

Harry Hughes, Governor

Adele Wilzack, R.N., M.S.
Secretary

October 5, 1983

MEMORANDUM

TO: All Headquarters Staff
FROM: Frank C. Zolli, Chief of Personnel Services
SUBJECT: Notification of a Change of Address

The following are some reasons to notify the DHMH Personnel Office of a change of address.

To ensure timely receipt of:

1. Income tax withholding statement form W-2 sent by the payroll office.
2. State paycheck distribution when necessary and appropriate for check to be mailed to employee's home.
3. Official employee notices from the DHMH Personnel Office or from the employee's unit management.
4. State Health Insurance Program notices such as direct billing when on leave of absence, or of TEFRA-process at age 65 to designate option in selecting State Plan or Medicare as primary coverage.
5. State Retirement/Pension System notices such as annual benefit statements; confirmation of individual transactions such as estimate of retirement allowance, and request to retire.
6. Savings Bonds secured through payroll deduction.

You may obtain a payroll address change card from your local Personnel Office. Submit an original and one copy (with home phone indicated) to your local Personnel Office.

Please note that if you have filed an employment application, have taken a Merit System examination; or have your name on the list of eligibles (transfer, reinstatement, open or promotional candidate), you must additionally write to the State Department of Personnel (DOP), Application Control Unit, providing your Social Security number as well as the new address to ensure timely notification.

FCZ/mk

Handwritten signature and initials, possibly "FCZ" and "mk", written in ink.

Handwritten initials, possibly "FCZ", written in ink.

C1 4451 SEQUENCE NO. (OEP 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)

COUNTY NUMBER A31387

DATE RECEIVED

DATE WELL COMPLETED 100783

DEPTH OF WELL 300 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" H0-01-0277

OWNER Ladue Real Estate last name Gorman Road first name Savage TOWN Savage SUBDIVISION Waskey Property SECTION LOT 3

WELL LOG table with columns: DESCRIPTION, FEET FROM, FEET TO, Check if water bearing. Rows include topsoil, red clay, brown mica schist, gray mica, brown mica schist, gray mica, brown mica schist, gray mica, gray mica w/ quartz, gray mica.

GROUTING RECORD: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL CEMENT CM, BENTONITE CLAY BC, NO. OF BAGS 4, NO. OF POUNDS 36, GALLONS OF WATER 42, DEPTH OF GROUT SEAL 18 ft.

CASING RECORD: MAIN CASING TYPE ST, Nominal diameter 6, Total depth of main casing 21 ft.

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

SCREEN RECORD: screen type or open hole HO, SLOT SIZE 1, 2, 3, DIAMETER OF SCREEN 60 (NEAREST INCH)

DEPTH (nearest ft.) HO 19, 300

PUMPING TEST: HOURS PUMPED 6, PUMPING RATE 3 gal. per min, METHOD USED TO MEASURE PUMPING RATE Bucket, WATER LEVEL 13, WHEN PUMPING 130, TYPE OF PUMP USED S submersible

PUMP INSTALLED: DRILLER WILL INSTALL PUMP YES NO, CAPACITY: GALLONS PER MINUTE, PUMP HORSE POWER, PUMP COLUMN LENGTH, CASING HEIGHT 2 (nearest foot)

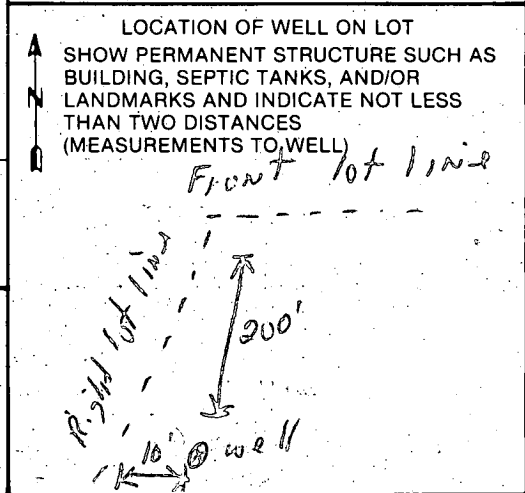
CIRCLE APPROPRIATE LETTER A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED, E ELECTRIC LOG OBTAINED, P TEST WELL CONVERTED TO PRODUCTION WELL

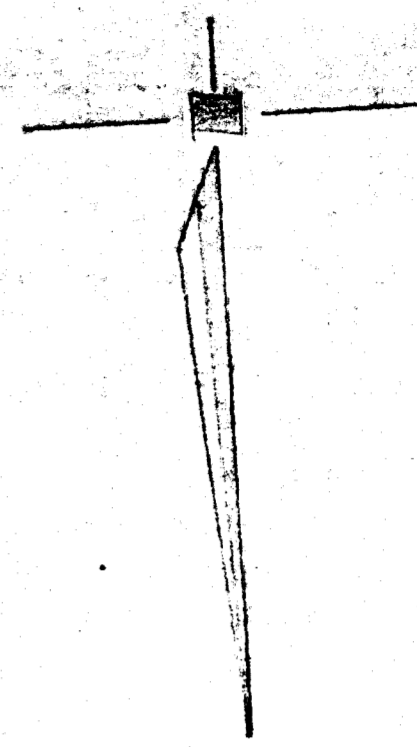
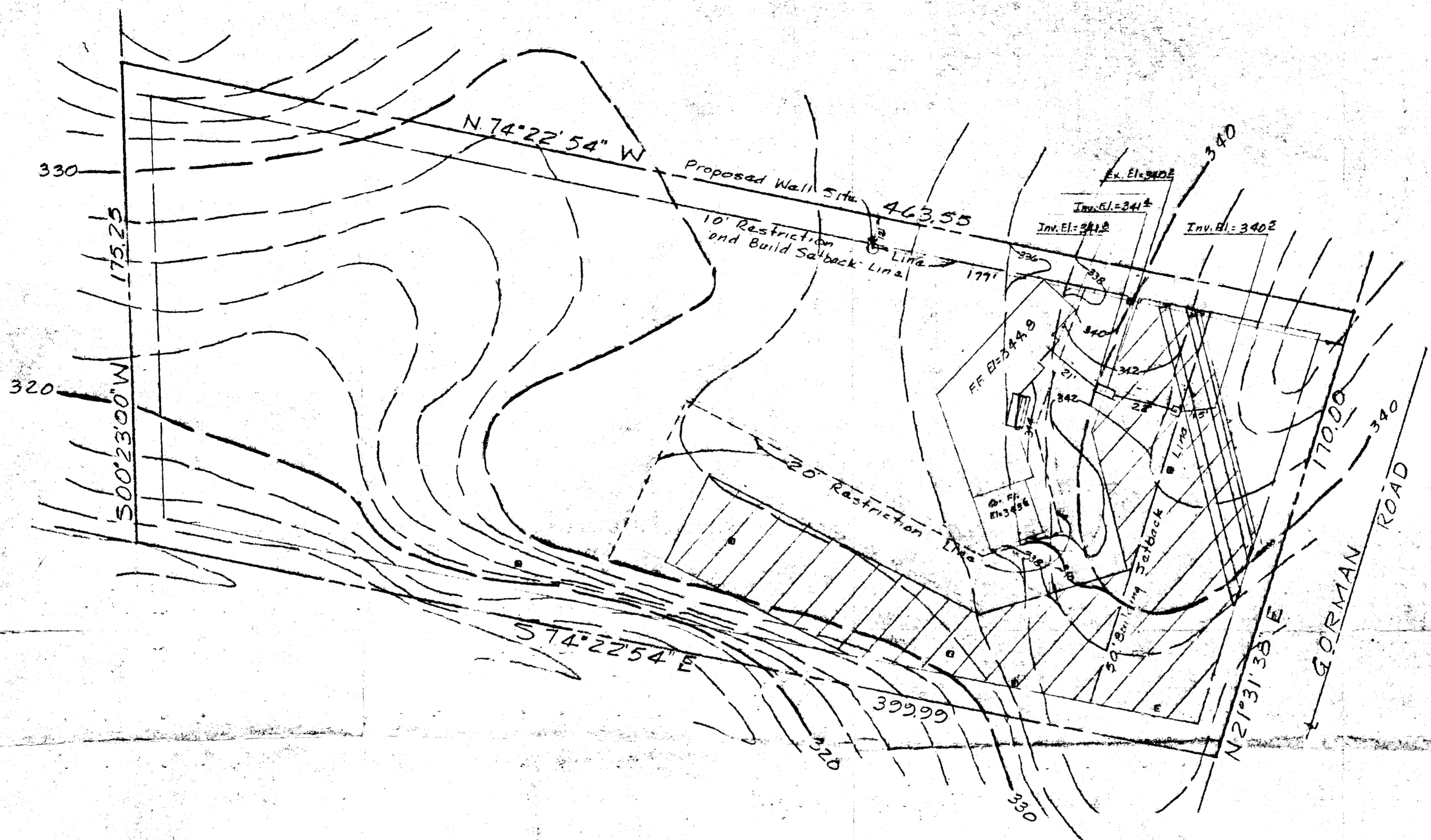
I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 10.17.13 "WELL CONSTRUCTION"

DRILLERS IDENT. NO. 410, DRILLERS SIGNATURE Robert S. Swanson, SITE SUPERVISOR

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68, OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)

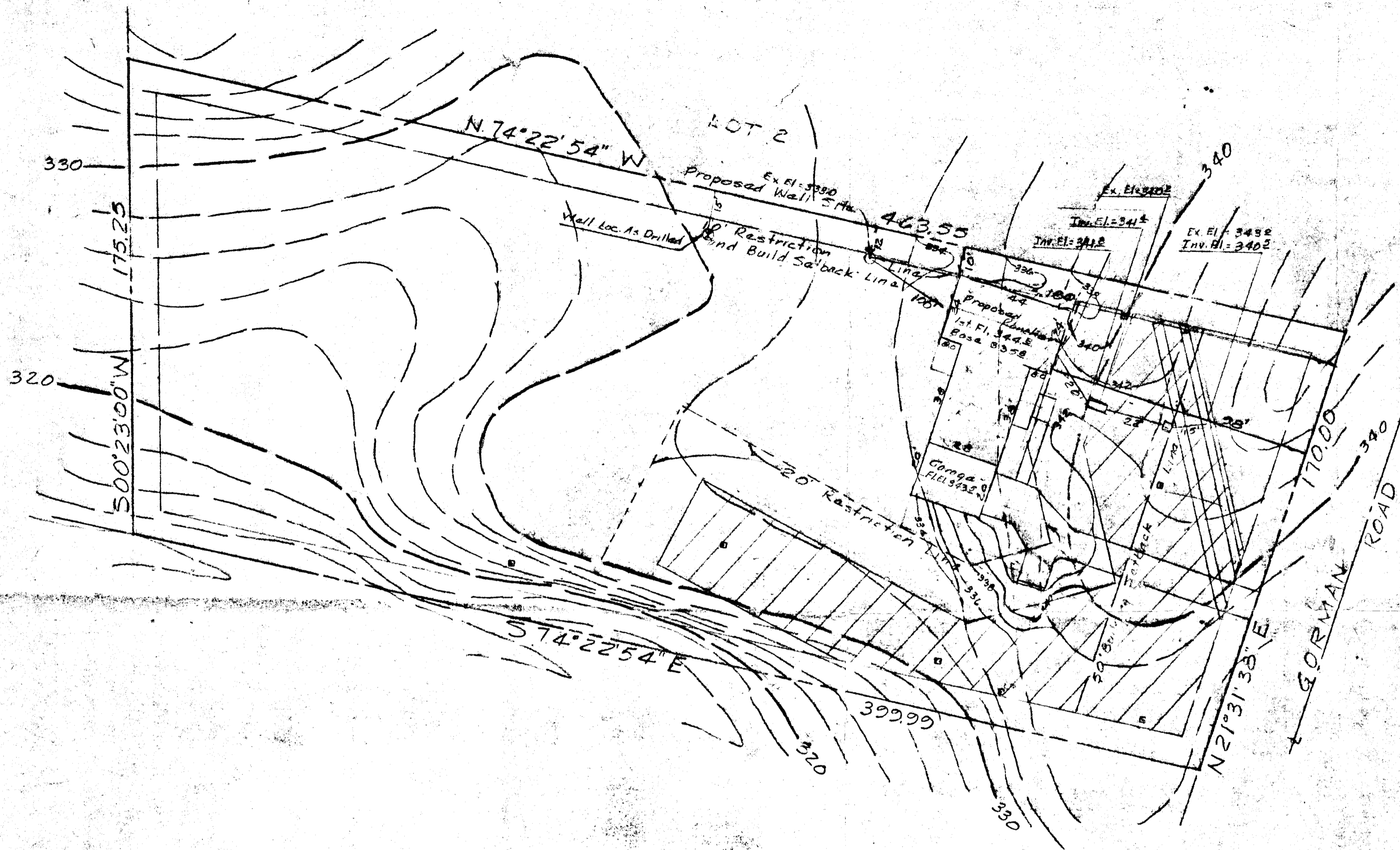
TELESCOPE CASING LOG INDICATOR OTHER DATA





6/10/83
 Septic plans & well site
 OK. Septic system must be
 installed prior to building permit
 approval
 J.S.

SITE PLAN
 LOT 3
 WASKEY PROPERTY
 SIXTH ELECTION DISTRICT
 Howard County, Md.
 Scale: 1" = 30' Date: 1983



11/10/83
 Sketch on
 F.S.

SITE PLAN
 LOT 3
 WASKEY PROPERTY
 SIXTH ELECTION DISTRICT
 Howard County, Md.
 Scale: 1" = 30' Aug, 1983

I certify the above measurements and elevations
 are actual and correct for
J. E. Clark
 Registered Land Surveyor



Prepared by
 THE J. E. CLARK CO
 Lound, Md. 830601