

PERMIT

P 29146

A 26562

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH*

HOWARD COUNTY

04-338774

ELLICOTT CITY

DISTRICT 4th

INDEXED

DATE 11/3/78

Handwritten notes:
12/12/78
a.m. please

12/12/78

Mullins Brothers

IS PERMITTED TO INSTALL ALTER

ADDRESS 4822 Old Washington Road, Sykesville, Md. 21784 PHONE 795-1343

SUBDIVISION Westcliff Manor ROAD 13709 Narberry Way LOT 2

PROPERTY OWNER Thomas E. Will

ADDRESS 620 Oak Tree Road, Westminster, Md. 21157 Phone: 795-9210

SPECIFICATIONS 4 bedrooms 1250

SEPTIC TANK CAPACITY 1250 GALLONS

4 HD

DRAIN FIELD _____ DEPTH _____ FEET, BOTTOM AREA _____ SQ. FT.

DEEP TRENCH _____ DEPTH _____ FEET, BOTTOM AREA _____ SQ. FT.

SEEPAGE PITS ABSORBENT SIDE-WALL AREA 288 SQ. FT. total sidewall area in dry well.

INLET PIPE 4 FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH 10 FT. BELOW ORIGINAL GRADE.

EFFECTIVE DEPTH AT _____ FT. BELOW ORIGINAL GRADE.

LOCATE DISPOSAL AREA 153 FT. FROM rear LOT LINE AND 75 FT. FROM left LOT LINE AS SEEN WHEN

~~XXXXXXXXXX~~

Trench to be 75 ft. long. Inlet at 4 ft. and maximum depth 10 ft. Trench to run on contour - 150 ft. from rear lot line towards left lot line.

PLANS APPROVED BY David J. O'Neill DATE 10/10/77

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.

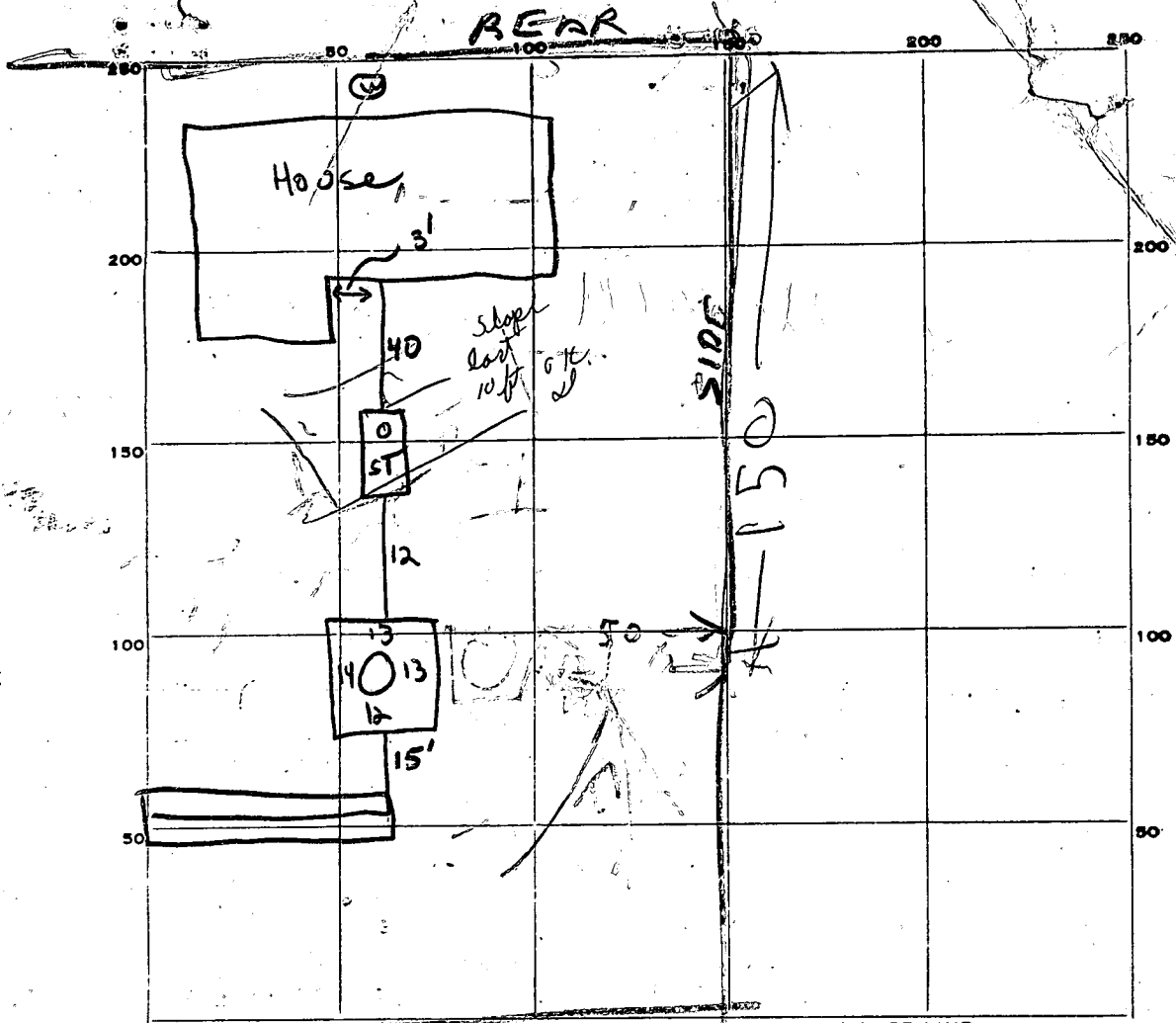
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRAZO ACCEPTED.

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

A 26562

REAR

288
450
738



77
46
462

INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

BARBERRY

ST	DW
✓	BELOW GRADE

CAST IRON

PERMIT CARD ✓

SEPTIC TANK, LEVEL ✓ 1250 / slightly tilted

CLEANOUTS

DISTRIBUTION BOX, LEVEL

TILE FIELD, DEPTH 10 FT. TRENCH WIDTH 2 FT.

GRAVEL DEPTH 6' IN. TOTAL LENGTH 77 FT.

NUMBER OF TRENCHES TOTAL BOTTOM AREA 462

SEEPAGE PITS, INSIDE DIAMETER 52 FT. DEPTH BELOW INLET 6 FT. ± 312

ABSORBENT AREA ± 774 SQ. FT.

REMARKS 12/11/78 DW 10' F BELOW GRADE
 INSTALL TANK SEWERS STONE DRY WELL
 CALL FOR INSPECTION R/H

12/12/78 - Call for final when slope of house sewer is corrected
 (presently 2-3"/ft) and when drywell cleanout is above grade.
 OK to backfill drywell & trench only. (GLK) WARNING ABOUT TANK. (GLK)

DATE SYSTEM APPROVED 4.17.79

INSPECTOR DW Murray Lan

OWNER

DAON. 2/23/78
performed by

LOT NUMBER 2

Absorbant Area/bedroom 120

SEPTIC TANK 1000 gal 1250 gal 1500 gal
3 bdrms 4 bdrms 5 bdrms

DRY WELL 4' 10'
inlet Max. depth Abs. Area
275

Located 153' From Rear of lot 25' From left Side

TRENCH 4 10 # bedrooms Length Abs. Area
Inlet Max. depth 3 30
4 25

To Run on center line 150' From Rear lot line towards left
lot line.

- If dry well and trench are used leave a 5' earth buffer between them.
- If septic tank is 3' or more below grade, use manhole type cleanout to grade.
- If more than one trench is used space them parallel, twice their depth apart.
- Call office for inspection of trench before placing stone in trench.
- All pipe from house to disposal area cast iron.
- Install standpipe (6" min.) on septic tank and dry well. Cast iron, concrete, terra cotta ok. Trench distribution lines may be clay, asbestos cement, orangeburg type, open joint cast iron or heavy duty plastic. (Commercial standard Cs228-61).

PRELIMINARY

APPLICATION

O'Neill

A 26562

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 4th

DATE 8/15/77

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 ~~J & B Partnership~~ Thomas E. Will

ADDRESS ~~5632 Stevens Forest Rd., Apt. 254, Columbia 21045~~ 620 Oaktree Road
PHONE ~~Ron Carter 857-0194~~ 795-9210

PROPERTY LOCATION: Westminster, Md. 21157

SUBDIVISION Westcliffe Manor LOT NO: 2

ROAD AND DESCRIPTION ~~off Underwood Road~~ 13709 Barbary Way

SIZE OF LOT 61,500 sq. ft. TYPE BLDG. 3 or 4 bedrooms
NUMBER OF BEDROOMS

IF NOT SINGLE RESIDENCE DESCRIBE _____

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

SIGNATURE OF APPLICANT /s/ Ron Carter BLDG. PERMIT SIGNED AND RETURNED 9/5/78
Serial No. 36120

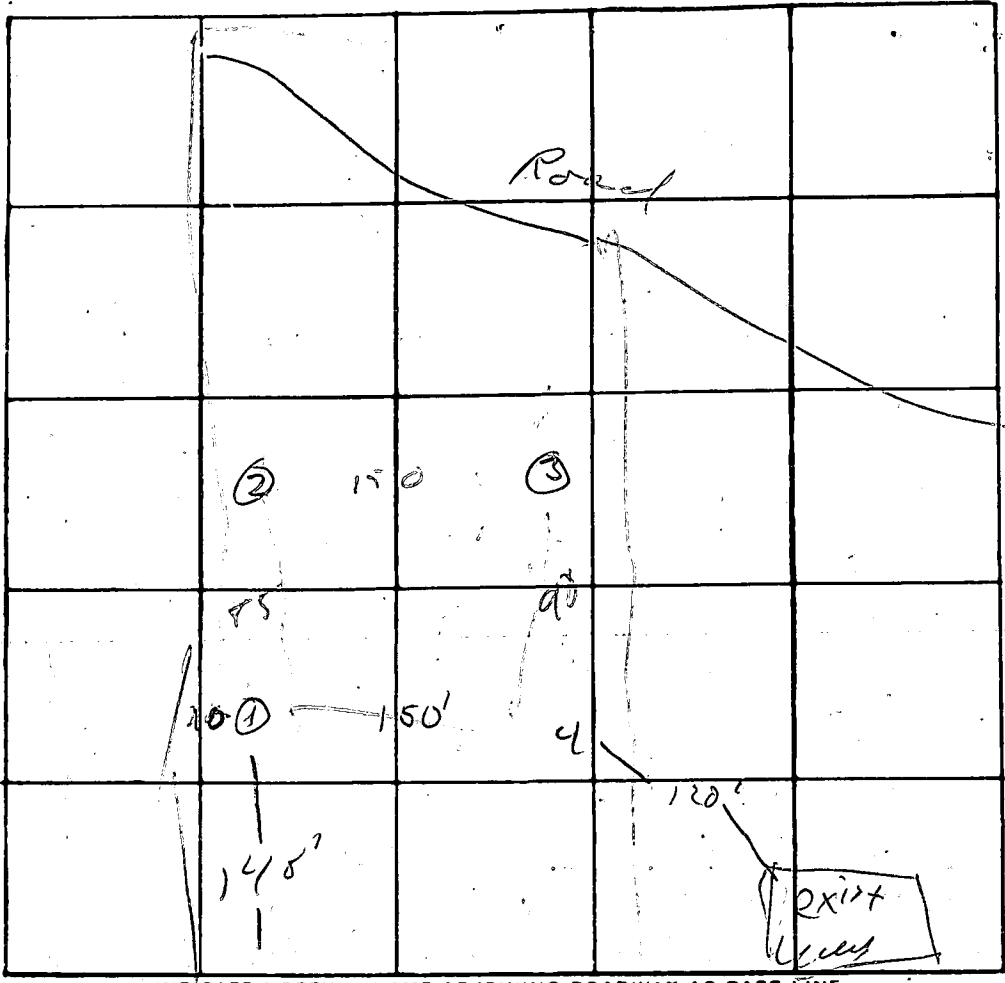
APPROVED BY David J. O'Neill FOR Dry Well DATE 10/10/77
(KIND OF SYSTEM)

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

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT



$$\begin{array}{r} 325 \\ 121 \\ \hline 75 \\ 625 \\ 645 \\ \hline 6375 \end{array}$$

$$\begin{array}{r} 1404 \\ \hline 181 \end{array}$$

Lot #2

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
8/31	15	4	131	—	—	135	4
	0	13	131	135	135	141	6
	25	5 1/2	134	—	—	138	3
		13	134	138	138	145	7
	3'	5	136	145	145	153	8
		13	136	145	145	155	10
	4.05	OK	9-12'				

REMARKS _____

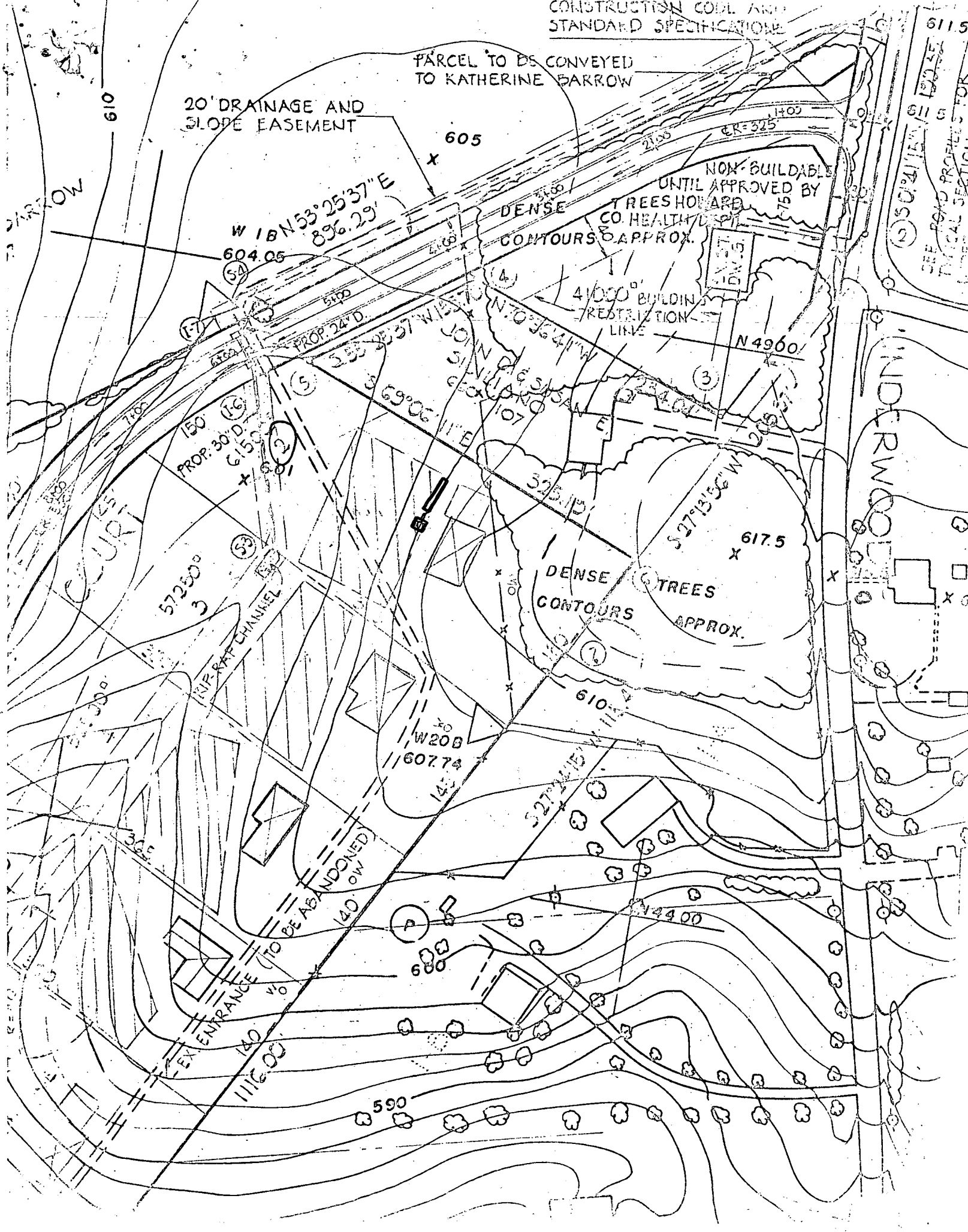
TYPE OF SOIL _____

TESTED BY M. Gill ALSO PRESENT: _____

CONSTRUCTION CODE AND STANDARD SPECIFICATIONS

PARCEL TO BE CONVEYED TO KATHERINE BARROW

20' DRAINAGE AND SLOPE EASEMENT



W 1/4 BARROW

COURT

EX. ENTRANCE

TO BE ABANDONED

W 1/4 N 53° 25' 37" E
89° 6' 29"

PROP. 30' D.
615.00

604.05

605

PROP. 24' D.
592.00

W 1/4 N 53° 25' 37" E
89° 6' 29"

69° 06'

5725.00

PROP. 30' D.
615.00

W 208
607.74

S 27° 19' 56" W
610.00

DENSE TREES
CONTOURS APPROX.

617.5

DENSE TREES HOARD
CONTOURS APPROX.

41000' BUILDING
RESTRICTION
LINE

NON-BUILDABLE
UNTIL APPROVED BY
CO. HEALTH DEPT.

N 4900'

N 4400'

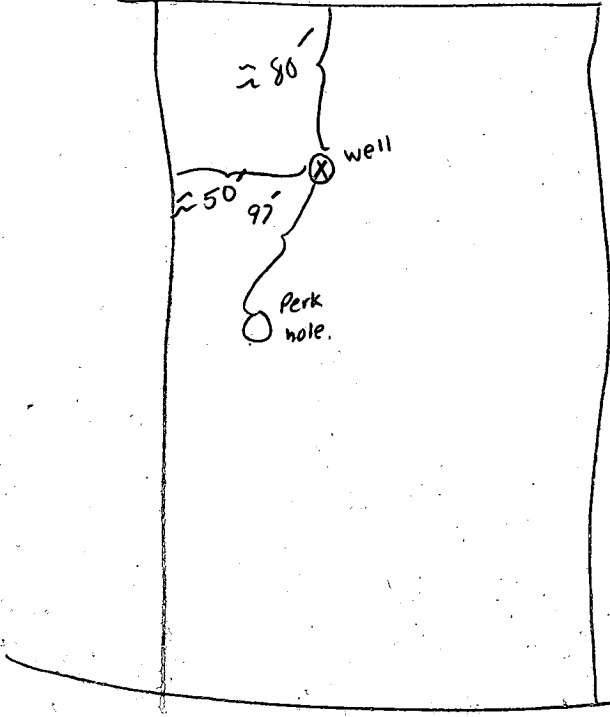
590

ER=325'

611.5
SEE ROAD PROFILES FOR
TYPICAL SECTION

UNDERWOOD

lot 2



Barberry

- 26 Ft open hole
 - 28 Ft casing
 - 2ft pipe above ground
 - 16 Bags Grout
 - 2 Poly Bags
 - Grout OK
 - location OK
- 4/26/78 MB.

RECEIVED
HOWARD COUNTY
HEALTH DEPT.
APR 27 3 37 PM '78
DIVISION OF
ENVIRONMENTAL
HEALTH

1 **5738** (SEQ. NO.) 6
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND
WATER RESOURCES ADMINISTRATION
 TAWES STATE OFFICE BLDG., ANNAPOLIS, MD. 21401
WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 30 DAYS AFTER WELL COMPLETION
 FILL IN THIS FORM COMPLETELY
 COUNTY NUMBER **027415**

DATE RECEIVED (WRA USE ONLY) **4-29-78** DEPTH OF WELL **82** PERMIT NO. FROM "PERMIT TO DRILL WELL" **HO-78-2527**
 DATE WELL COMPLETED **4-29-78** (TO NEAREST FOOT) **22** **26** **28** **29** **30** **31** **32** **33** **34** **35** **36** **37**
 DRILLERS IDENTIFICATION NO. **270**

OWNER **HOBSON @ SOILS INC.** FIRST NAME **WALTER**
 STREET OR RFD **3606 OXWOOD CT** POST OFFICE **WILMINGTON**

WELL LOG

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

DESCRIPTION (USE ADDITIONAL SHEETS IF NECESSARY)	FEET		CHECK IF WATER BEARING
	FROM	TO	
CROWN ROCK	0	30	
BLUE GRAY ROCK	30	82	<input checked="" type="checkbox"/>

GROUTING RECORD

WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX) YES NO
 TYPE OF GROUTING MATERIAL (CIRCLE BOX)
 CEMENT BENTONITE-CLAY
 NO. OF BAGS **18** NO. OF POUNDS **1530**
 GALLONS OF WATER **108**
 DEPTH OF GROUT SEAL (TO NEAREST FOOT)
 FROM **0** FT. TO **28** FT.
 (ENTER 0 IF FROM SURFACE)

CASING RECORD

INSERT APPROPRIATE CODE BELOW
 STEEL CONCRETE
 PLASTIC OTHER
 MAIN CASING TYPE **ST** NOMINAL DIAMETER TOP (MAIN) CASING (NEAREST INCH) **6** TOTAL DEPTH OF MAIN CASING (NEAREST FOOT) **27**

OTHER CASING (IF USED)

EACH CASING	DIAMETER (INCH)		DEPTH (FEET)	
	FROM	TO	FROM	TO

SCREEN RECORD

INSERT APPROPRIATE CODE BELOW
 STEEL BRASS FOR BRONZE OPEN HOLE
 PLASTIC OTHER

DEPTH (NEAREST WHOLE FOOT)

EACH SCREEN	FROM		TO	
	FROM	TO	FROM	TO
1	HO	28	52	
2				
3				

SLOT SIZE 1. **2** 2. **3**

DIAMETER OF SCREEN **56** (NEAREST INCH) FROM **60** TO **60**

GRAVEL PACK **68** **F**

IF WELL DRILLED WAS A FLOWING WELL CIRCLE BOX **68** **F**

WRA USE ONLY (NOT TO BE FILLED IN BY DRILLER)

T (E.R.O.S.) W Q
 TELESCOPE CASING **70** LOG INDICATOR **72** OTHER DATA AVAILABLE **74** **75** **76**

PUMPING TEST

HOURS PUMPED (TO NEAREST HOUR) **6**
 PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON) **5**
 METHOD USED TO MEASURE PUMPING RATE **INGALIMANUEL**

WATER LEVEL (DISTANCE FROM LAND SURFACE)

BEFORE PUMPING **40** (NEAREST FOOT)
 WHEN PUMPING **52** (NEAREST FOOT)
 TYPE OF PUMP USED (CIRCLE APPROPRIATE BOX) (FOR PUMPING TEST)
 AIR PISTON TURBINE
 CENTRIFUGAL ROTARY OTHER (DESCRIBE BELOW)
 JET SUBMERSIBLE

PUMP INSTALLED

TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX - SEE ABOVE: A, C, J, P, R, S, T, O) **29**
 DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX) YES NO
 CAPACITY: GALLONS PER MINUTE (TO NEAREST GALLON) **31** **35**
 PUMP HORSE POWER **37** **41**
 PUMP COLUMN LENGTH (NEAREST FOOT) **43** **47**

CASING HEIGHT (CIRCLE APPROPRIATE BOX AND ENTER CASING HEIGHT)

ABOVE } LAND SURFACE (NEAREST FOOT) **50**
 BELOW }

LOCATION OF WELL ON LOT
 SHOW PERMANENT STRUCTURE SUCH AS BUILDINGS, SEPTIC TANKS, AND/OR OTHER LAND MARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL).

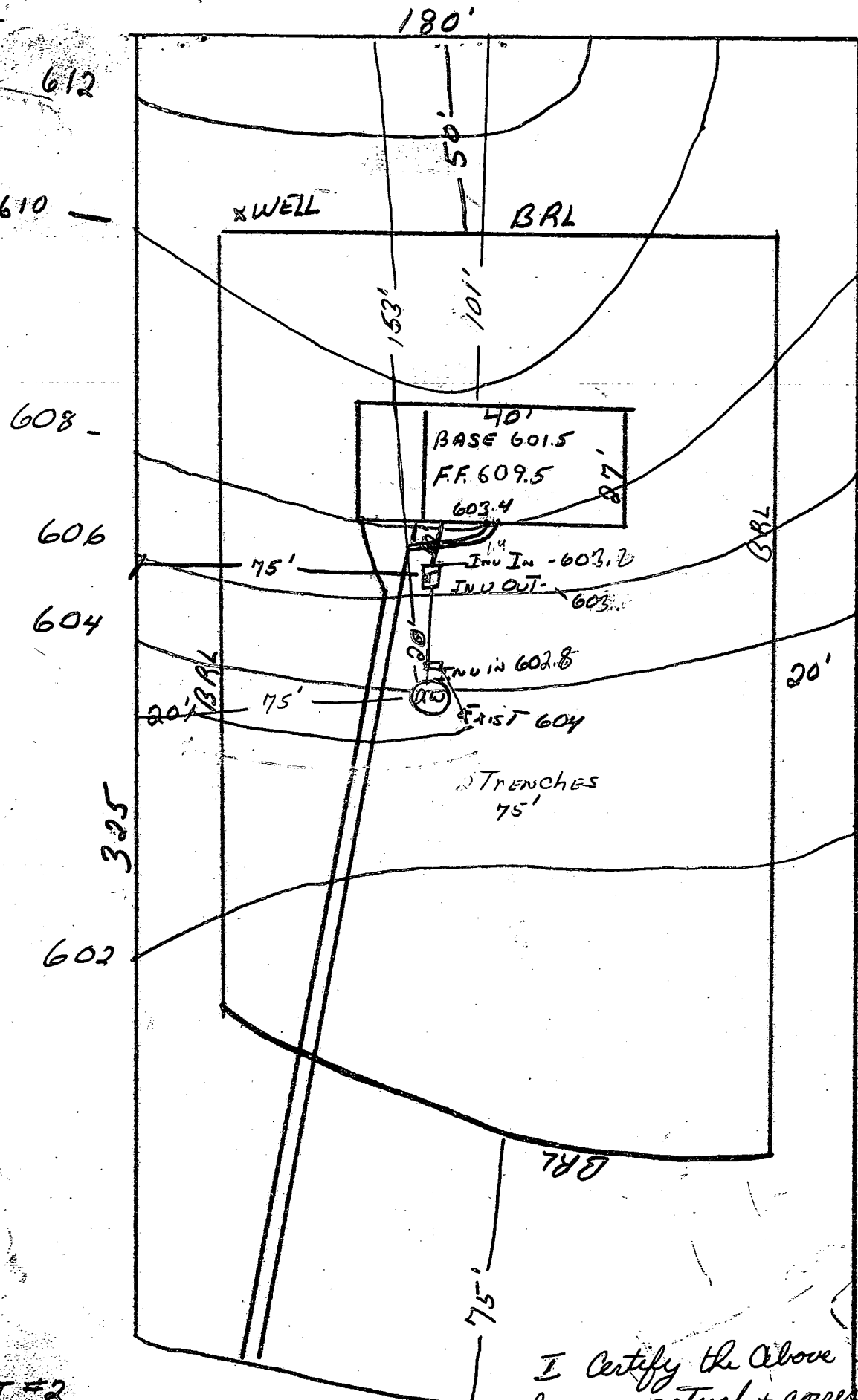
FOR SUITABLE
BAKERSFIELD
X 150 FT
140 FT
WELL LOT 3

CIRCLE APPROPRIATE BOXES

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", AND THAT INFORMATION CONTAINED IN THIS REPORT IS TRUE, ACCURATE, AND COMPLETE TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF.

DRILLERS NAME **Bernard Layer**
 (PLEASE PRINT) **Bernard Layer**
 SIGNATURE **Bernard Layer**



OK
 07/01
 8/30/45
 @ 15 PM

I Certify the Above measurements +
 elev. are actual + correct for this property
 Thomas E. Will

LOT #2
 WESTCLIFFE MANOR
 THOMAS E. WILL 150'
 795-9210

BARBERRY WAY