

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

04-336992

INDEXED

025
P 41870
A Repair
DISTRICT 4th
003
DATE 6/6/88
DATE SYSTEM APPROVED 6-1-88
INSPECTOR JEN
021

Jack Ryock

IS PERMITTED TO INSTALL ALTER

ADDRESS 13775 Triadelphia Road, Glenelg, MD 21737 PHONE 988-9270

SUBDIVISION Warfield Estates ROAD 14589 MacClintock Drive LOT 25B

PROPERTY OWNER Bruce Degner

ADDRESS 14589 MacClintock Drive, Glenwood, MD 21738

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

GARBAGE GRINDER? YES NO

SEPTIC TANK CAPACITY _____ GALLONS NUMBER OF BEDROOMS 4

125
4
500

REPAIR - Call for an appointment when ground is opened up and Sanitarian

will recommend the repair system.

6-1-88 125 sq ft / bedroom. Inlet at 5.5 ft, Bottom at 11.0 ft.
5.5 ft stone. Trench length = 120 ft. Use existing system
with repair

PLANS APPROVED BY Craig Williams

DATE 5/31/88

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.

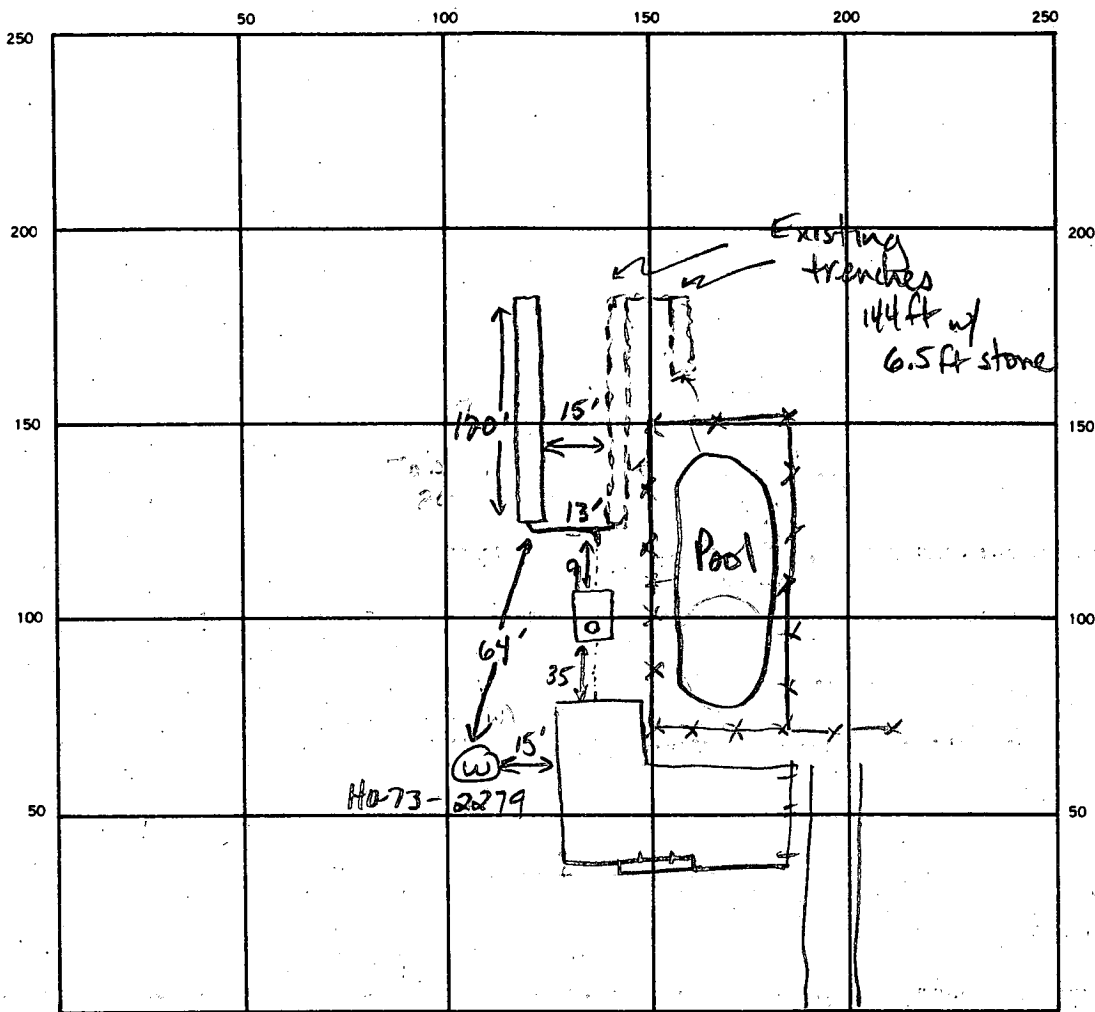
***INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT**

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1186

041870

160 sq ft
 6.5 ft
 3.5 - 8
 4.5
 2160
 4.5 640
 142 ft
 4.5 16400
 45
 190
 100
 90
 100
 125
 500
 99
 5.5 5000
 495
 500



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

MacClintock Drive

SEPTIC TANK LEVEL 1250 gal existing CLEANOUTS 1 on S. Tank
 DISTRIBUTION BOX LEVEL N/A existing
 DRAIN FIELD TILE FIELD. DEPTH 11 FT. TRENCH WIDTH 2 FT. INLET DEPTH 5.5 FT.
 EFFECTIVE GRAVEL DEPTH 5.5 FT. TOTAL LENGTH (77) to be 120' FT.
 NUMBER OF TRENCHES 1 ONE SIDEWALL BOTTOM AREA 660 SQ. FT.
 DRYWELL INSIDE DIAMETER _____ FT. EFFECTIVE DEPTH BELOW INLET _____ FT.
 ABSORBENT AREA 660 SQ. FT.

120'
 55
 600
 600

REMARKS 6-1-89 OK to add stone, pipe & paper to trench. OK to cover work once trench has been excavated to 120 ft.
JEN

DATE SYSTEM APPROVED 6-1-89 INSPECTOR Jane E. Nadeau

11/23/77 as early as possible please
around 1000 ft. at possible please
11/25/77 a.m. please - appd. G.S.

11/23/77 P.C.O.
26920 C.B. x

PERMIT

P 26920
A 18117

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

ELLICOTT CITY

DISTRICT 4th

DATE 9/23/77

INDEXED

Jack Fyock IS PERMITTED TO INSTALL X ALTER

ADDRESS 13775 Triadelphia Road, Glenelg, Md. PHONE 988-9270

A SEWAGE DISPOSAL SYSTEM LOCATED AT

SUBDIVISION Warfield Estates ROAD 14589 MacClintock Drive LOT 25B

PROPERTY OWNER Edwin G. Willson Donna Degner

ADDRESS P.O. Box 32, Ashton, Maryland 20702

SPECIFICATIONS 4 bedrooms

DRAIN FIELD DEPTH FEET, BOTTOM AREA SQ. FT.

SEEPAGE PITS ABSORBENT SIDE-WALL AREA SQ. FT.

SEPTIC TANK CAPACITY 1250 GALLONS

FOR GARBAGE GRINDER, INCREASE DISPOSAL AREA 22% & TANK CAPACITY 50%.

175
4
900
200
Need 40' more

4-4 1/2
OTHER TRENCHES - The system will contain no less than 175 sq. ft of absorbent sidewall area per bedroom. The trenches will begin 20 ft. from the left property line as seen from the road and 310 ft. from the edge of the road. The invert will enter the trenches at 5 ft. below original grade. The trenches will follow the contour of the land. The trenches will be 2 ft. wide, 10 ft. deep and contain 5 ft. of stone. Trenches to be 70 ft. long. Space the trenches 15 ft. apart center-to-center. Needs manhole cleanout to surface on septic tank. NOTE: CALL FOR INSPECTION OF TRENCH BEFORE PLACING GRAVEL IN TRENCH. NOTE: ALL PIPE FROM HOUSE TO DISPOSAL AREA MUST BE CAST IRON. PERMIT VOID AFTER THREE YEARS. NOTE: INSTALL STAND PIPE ON SEPTIC TANK. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA ACCEPTED. *s.t. within 3' of surface*

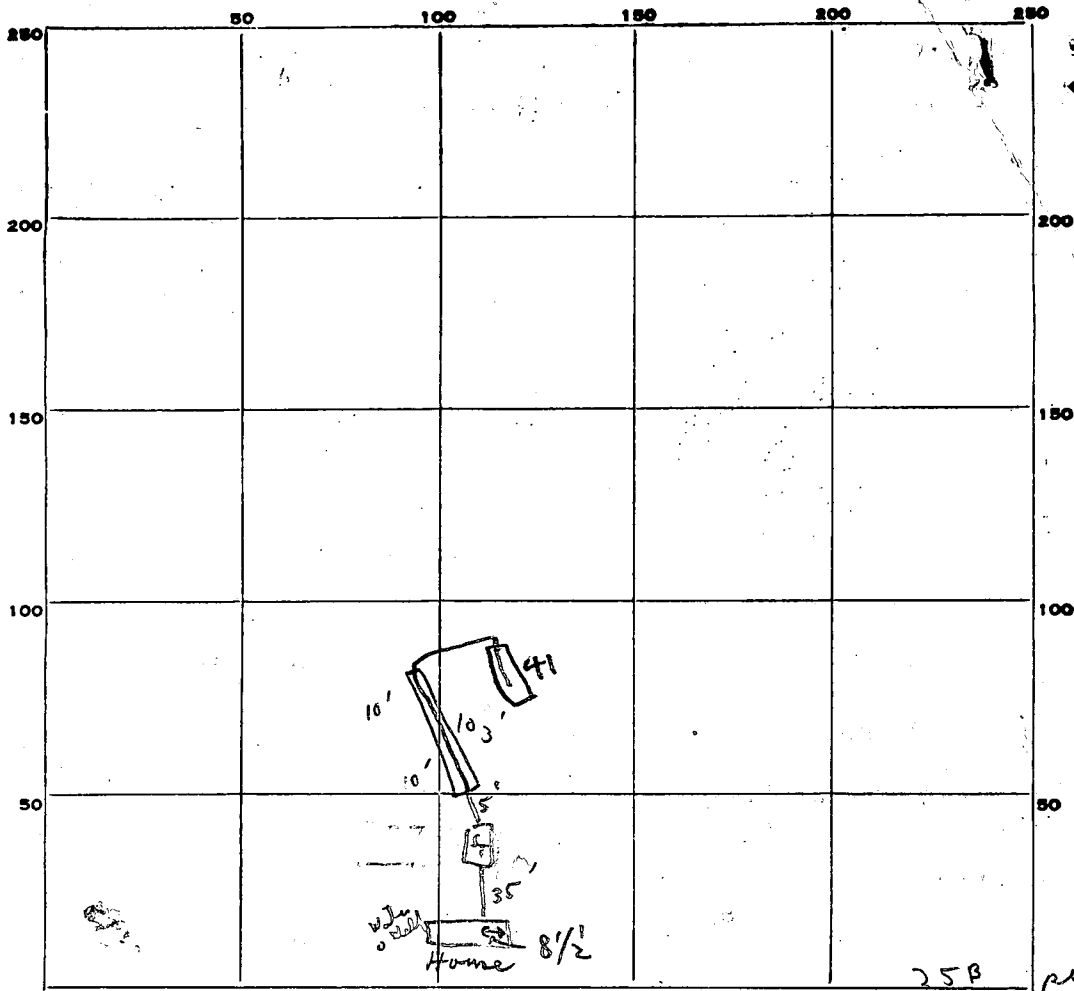
PLANS APPROVED BY Robert T. Moorefield DATE 6/9/77

FILL SEPTIC TANK AND DISTRIBUTION BOX WITH WATER BEFORE CALLING FOR AN INSPECTION. COVER NO WORK UNTIL INSPECTED AND APPROVED.

NEITHER THE HOWARD COUNTY COMMISSIONERS NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM.

BLDG. PERMIT SIGNED AND RETURNED *9/11/77*
Serial # 45773
Post.

18117



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

258 per house permit

PERMIT CARD

① Not seen ← Rd. →

ST | DW

SEPTIC TANK, LEVEL

ok

CLEANOUTS

ok | N/A

DISTRIBUTION BOX, LEVEL

N/A

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

GRAVEL DEPTH 6 1/2 FT. TOTAL LENGTH 144 FT.

NUMBER OF TRENCHES 2

1/2 SIDEWALL

TOTAL BOTTOM AREA

720 sq ft

SEEPAGE PITS, INSIDE DIAMETER

N/A

FT. DEPTH BELOW INLET

N/A

FT.

ABSORBENT AREA 720 + SQ. FT.

REMARKS

11/23/77. ① Some stones in trenches; Need 40' more

11/25/77 O.K. to gravel out of trenches S & L.N.

DATE SYSTEM APPROVED

11/25/77

INSPECTOR

Frank Skinner

APPLICATION

A 18117

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: 465-8000, EXT. 356

DISTRICT 4th

DATE 3-22-73

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 Robert W. Douglas

ADDRESS 9315 Annapolis Rd. Lanham, Md. PHONE 577-0068

PROPERTY LOCATION:

SUBDIVISION Warfield Estates LOT NO. 6, Sec. 7

ROAD AND DESCRIPTION Unnamed Road (14589 Mac Clintock Drive)

SIZE OF LOT 1.6 Acres TYPE BLDG. Single Family Dwelling
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 Robert W. Douglas /s/

APPROVED BY _____ FOR _____ DATE _____
(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 3-22-73

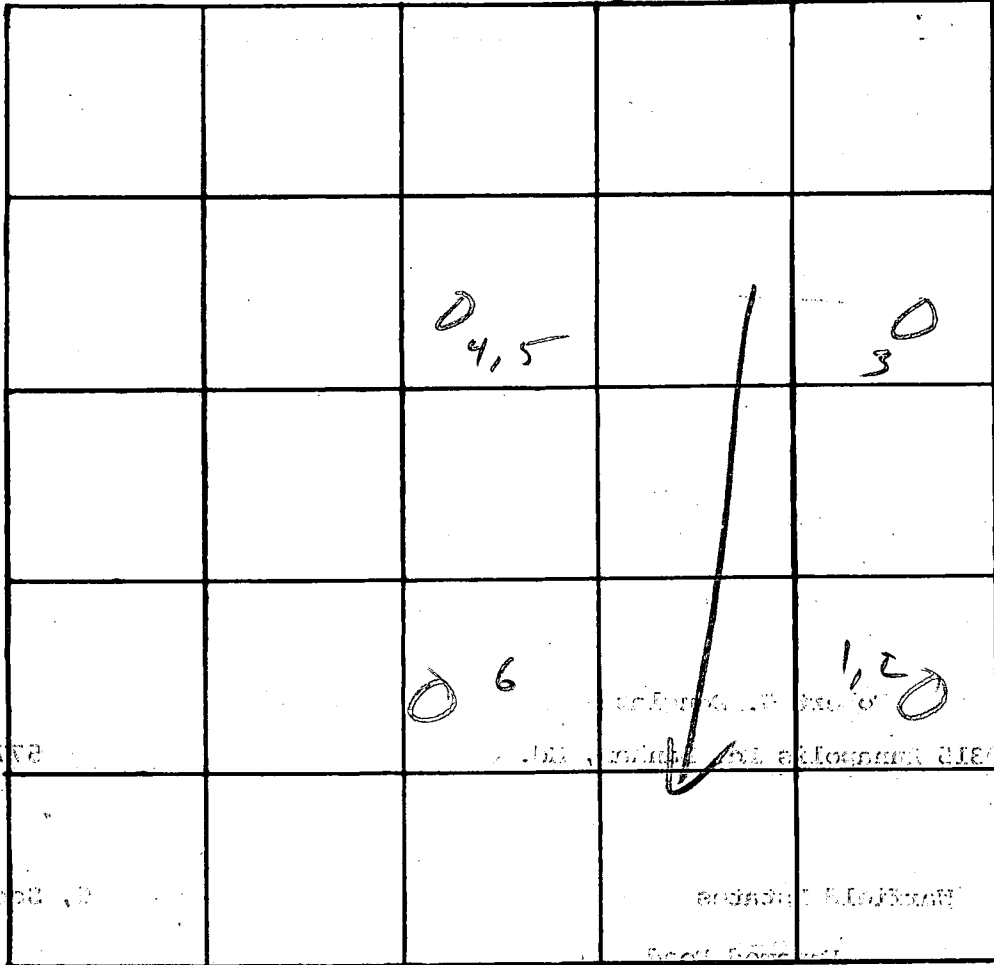
Serial 334/83

THIS IS NOT A PERMIT

lot 6

~~News~~
Lot # 4-B

BY-50-E



Lot 6

8000-002

256 JUN 9

INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

N 4 ← 97 →

| DATE | TEST NO. | DEPTH | PRE-WET | | TEST - 1" DROP | | TIME |
|------|----------|--------|------------------|------------------|------------------|------------------|------|
| | | | START | STOP | START | STOP | |
| 10/3 | 1 | 5 | 10 ¹² | 10 ¹³ | 10 ¹³ | 10 ¹⁴ | 1 |
| | 2 | 12 | 10 ¹² | 10 ¹⁴ | 10 ¹⁴ | 10 ¹⁸ | 4 |
| | 3 | 10 | Vis | same | | | |
| | 4 | 4 | 10 ¹³ | 10 ¹⁴ | 10 ¹⁴ | 10 ¹⁵ | 1 |
| | 5 | 12 | 10 ¹³ | 10 ¹⁵ | 10 ¹⁵ | 10 ¹⁸ | 3 |
| | 6 | 10 1/2 | Vis | runy clay to ~6' | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

$\bar{t} = 3$
100kg/100cm

Use Test 4, 5 as Initial syst.
Inlet @ 3'; effective sidewall 5' to 12'

runy clay to ~6' wet the 10' runy/sandy loam below

REMARKS runy clay → sandy loam RM
TYPE OF SOIL _____

C 1 9026 SEQUENCE NO. (WRA USE ONLY)

1 2 3 (SEQ. NO.) 6
 (THIS NUMBER IS TO BE PUNCHED IN COLUMNS 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

DATE RECEIVED (WRA USE ONLY) 9/19/77 DEPTH OF WELL 200 PERMIT NO. FROM "PERMIT TO DRILL WELL" 40-77-7777

DATE WELL COMPLETED 9/19/77 22 (TO NEAREST FOOT) 26

8-13 15 20 DRILLERS IDENTIFICATION NO. 42

OWNER Ed Wilson Builder LAST NAME FIRST NAME

STREET OR RFD Box 32 POST OFFICE ASHTON, MD 20702

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 | |
| Top Soil | 0 | 2 | |
| shaly | 2 | 45 | |
| SANDstone | 45 | 60 | |
| MICA | 60 | 200 | ✓ |

GROUTING RECORD

WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX) Y N

TYPE OF GROUTING MATERIAL (CIRCLE BOX) CM BC

CEMENT BENTONITE CLAY

NO. OF BAGS 17 NO. OF POUNDS 1700

GALLONS OF WATER 85

DEPTH OF GROUT SEAL (TO NEAREST FOOT)

FROM 0 FT. TO 34 FT.

CASING RECORD

INSERT APPROPRIATE CODE BELOW

STEEL CONCRETE

PLASTIC OTHER

MAIN CASING TYPE 57 NOMINAL DIAMETER TOP (MAIN) CASING (NEAREST INCH) 6 TOTAL DEPTH OF MAIN CASING (NEAREST FOOT) 56

OTHER CASING (IF USED)

DIAMETER (INCH) DEPTH (FEET) FROM TO

SCREEN RECORD

INSERT APPROPRIATE CODE BELOW

STEEL BRASS OR BRONZE OPEN HOLE

PLASTIC OTHER

DEPTH (NEAREST WHOLE FOOT)

FROM 40 TO 200

EACH SCREEN

| | | | | | | | |
|---|----|---|---|----|----|----|----|
| 1 | 40 | 8 | 9 | 11 | 15 | 17 | 21 |
| 2 | | | | | | | |
| 3 | | | | | | | |

SLOT SIZE 1. 2. 3.

PUMPING TEST

HOURS PUMPED (TO NEAREST HOUR) 4

PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON) 2

METHOD USED TO MEASURE PUMPING RATE Bucket

WATER LEVEL: (DISTANCE FROM LAND SURFACE)

BEFORE PUMPING 40 (NEAREST FOOT)

WHEN PUMPING 200 (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)

DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX) Y N

CAPACITY:

GALLONS PER MINUTE (TO NEAREST GALLON) 35

PUMP HORSE POWER 41

PUMP COLUMN LENGTH (NEAREST FOOT) 43 47

CASING HEIGHT (CIRCLE APPROPRIATE BOX AND ENTER CASING HEIGHT)

ABOVE } LAND SURFACE (NEAREST FOOT) 2

BELOW } 49 50 51

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

(PLEASE PRINT) L. F. Easterday

SIGNATURE L. F. Easterday

DIAMETER OF SCREEN 56 (NEAREST INCH) FROM TO

GRAVEL PACK

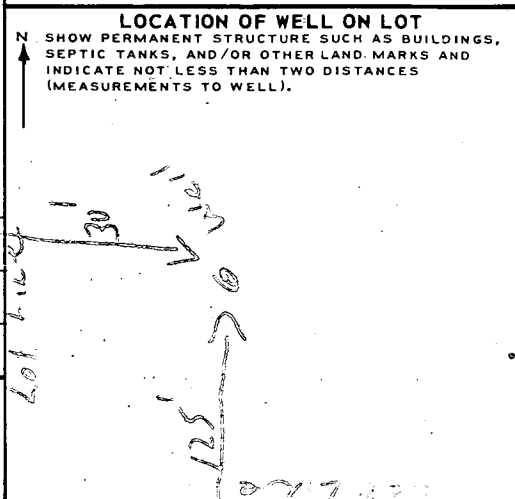
IF WELL DRILLED WAS A FLOWING WELL CIRCLE BOX 68 F

WRA USE ONLY (NOT TO BE FILLED IN BY DRILLER) (E.R.O.S.)

TELESCOPE CASING 70 72

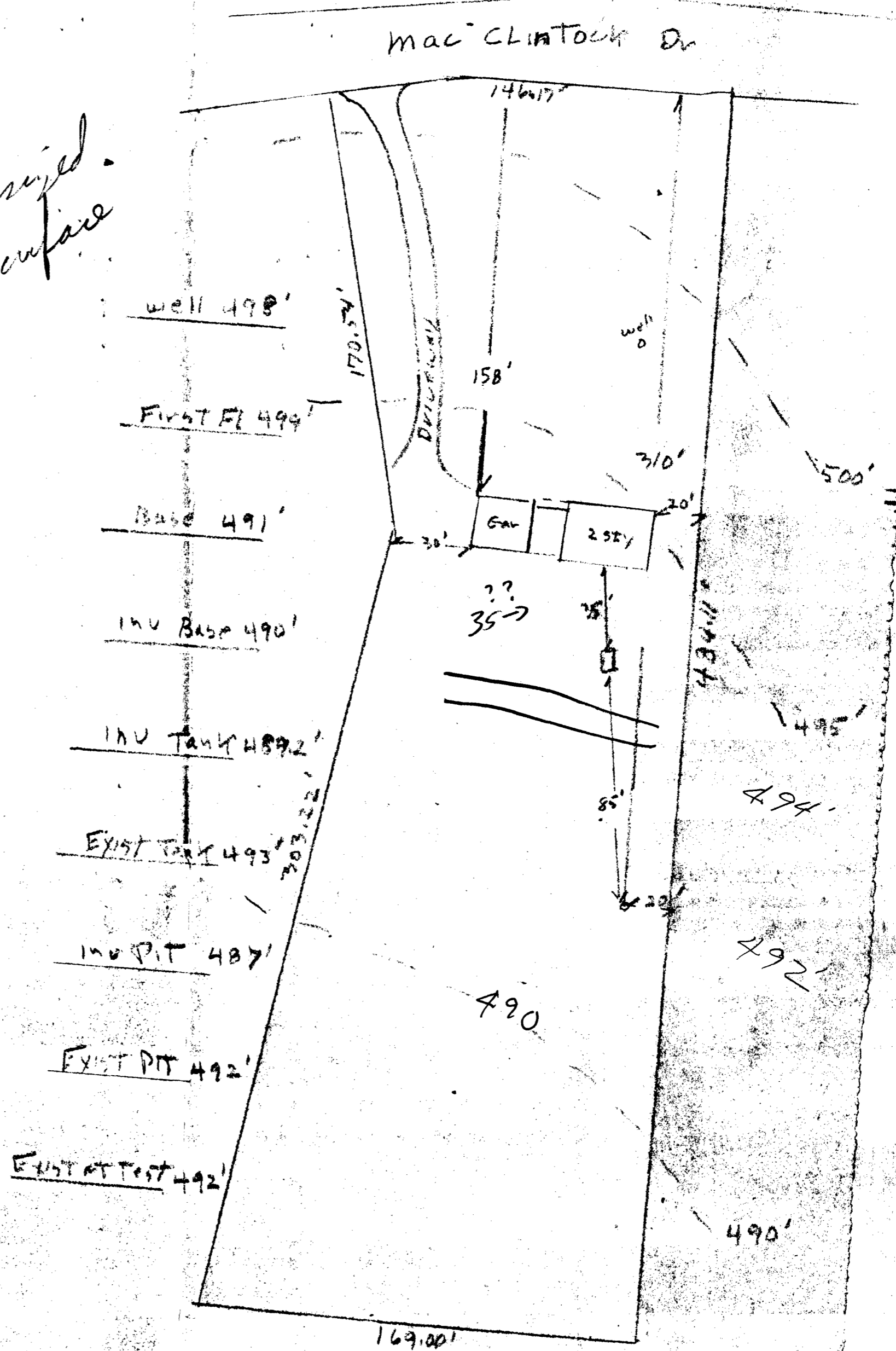
LOG INDICATOR 74 75 76

OTHER DATA AVAILABLE

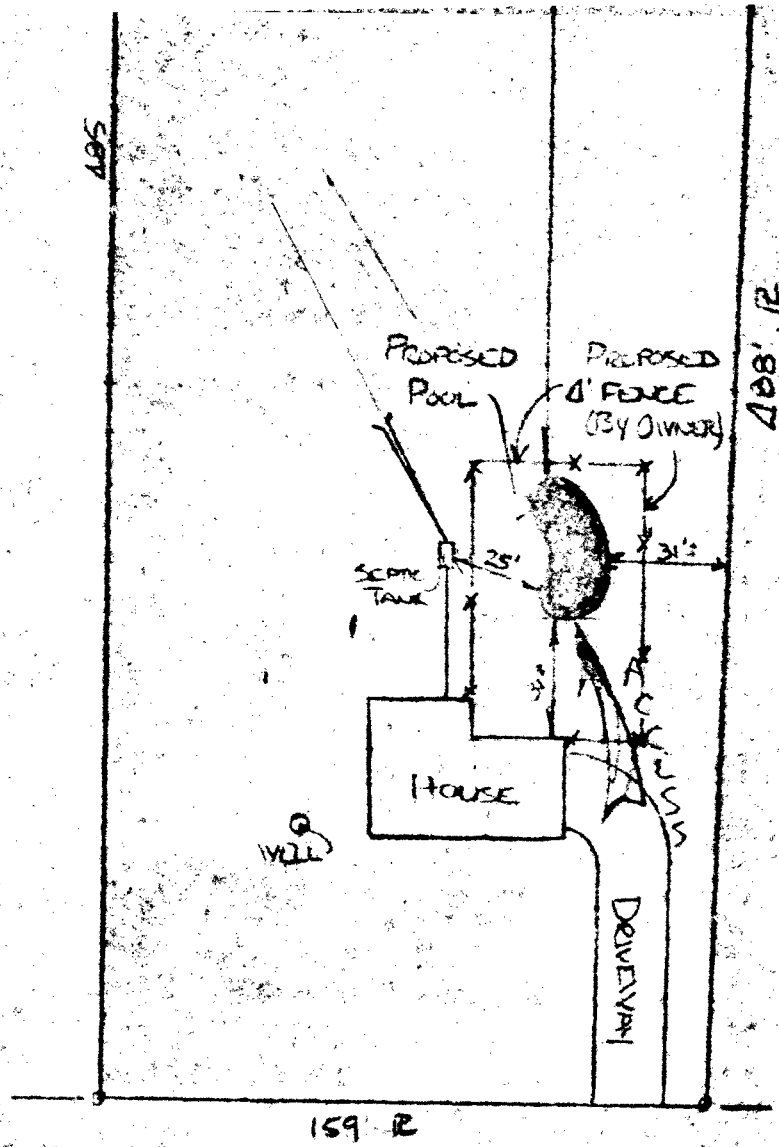


1.) need manhole sized
clearout to surface
on S.T.

2.) ok RM.



LOT 25 BIK B
Warfield Estates
14589 Mac CLINTOCK Dr.
65908 sq'
2.5" = 100' scale



SCALE: 1" = 50' 12589 MACCLINTOCK DR
 HOWARD COUNTY