

42286
259M
4/30/86

approved 4/30/86
Stayer

PERMIT

P 36394
A 31692

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH*

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

05-392365

ELLICOTT CITY
DISTRICT 5th
DATE 1/03/86

INDEXED

Robert Surrette IS PERMITTED TO INSTALL ALTER

ADDRESS 232 Marganza South, Laurel, Maryland 20707 PHONE _____

SUBDIVISION Jocelyn Acres, ROAD 6660 Luster Drive LOT 8, Section 2

PROPERTY OWNER Robert Surrette

ADDRESS _____

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

GARBAGE GRINDER? YES NO

SEPTIC TANK CAPACITY 2000 GALLONS NUMBER OF BEDROOMS 4
(with garbage disposal)

TRENCHES - 275 sq. ft. per bedroom with garbage disposal. Trench to be 2 feet wide. Inlet 5 feet below original grade. Bottom maximum depth 10 feet below original grade. Effective area begins at 5 feet below original grade. 5 feet of stone below distribution pipe.

LOCATION: Place the distribution box 210' to 220' from the back lot line and 110' to 120' from the left lot line as seen when facing the property from Luster Drive. Run trenches along contour toward left lot line.

NOTE: No trench to exceed 100 feet in length. If more than one trench used, a distribution box is required. Call for inspection of trench(s) before and after gravel is installed. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. ok/cw

PLANS APPROVED BY C. Williams DATE 12/12/85

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.

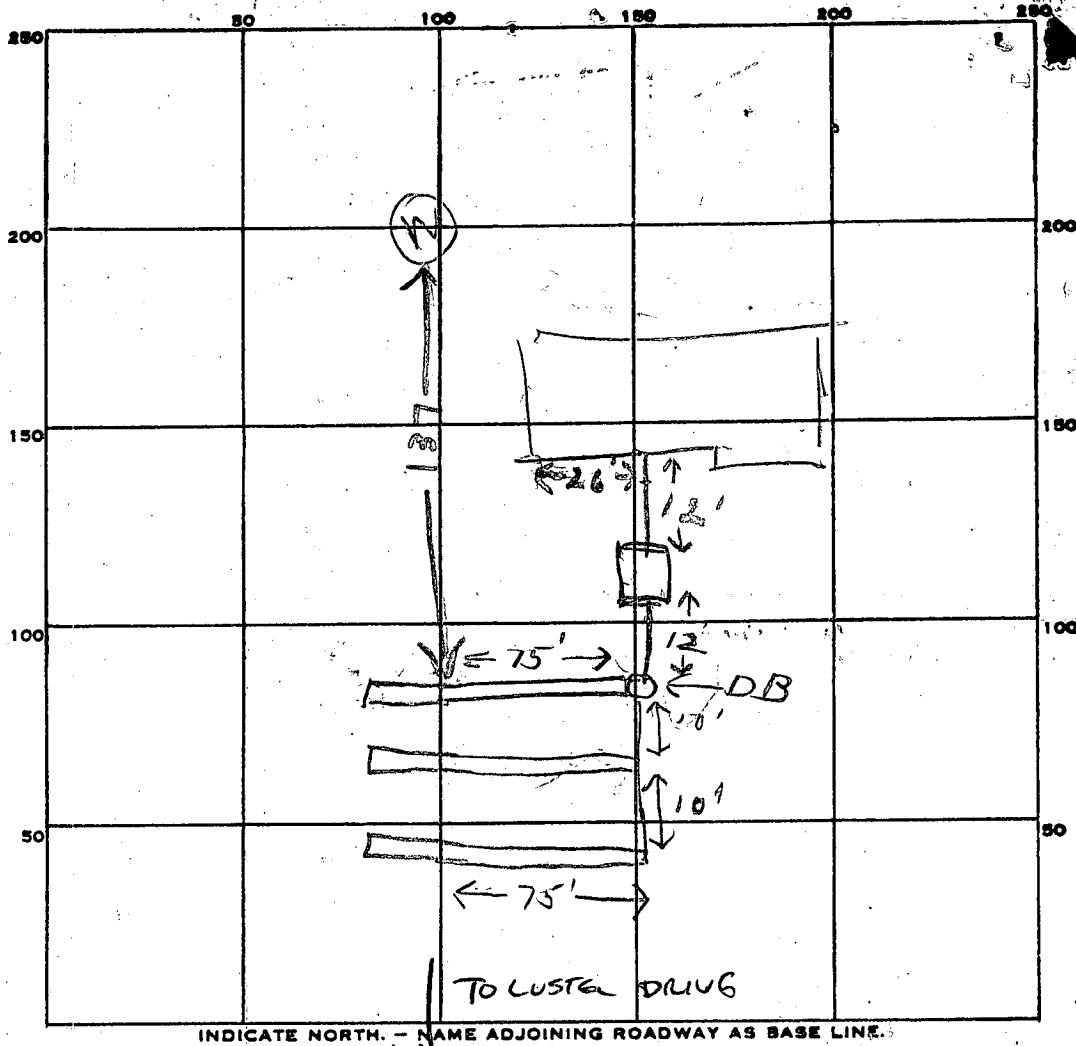
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA, OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED. 2 car garage

BLDG. PERMIT SIGNED
AND RETURNED 12/9/86
Serial # 9789

A 31692

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APROVAL ON THIS PERMIT

CALL 502-2430 FOR INSPECTION OF SEPTIC SYSTEMS.



map

PERMIT CARD _____

SEPTIC TANK, LEVEL 2000

CLEANOUTS ST

DISTRIBUTION BOX, LEVEL ←

TILE FIELD, DEPTH #1 | 2 | 3 FT. TRENCH WIDTH #1 FT.

GRAVEL DEPTH 5' IN. TOTAL LENGTH 225 FT.

NUMBER OF TRENCHES 3 TOTAL BOTTOM AREA 1125

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

ABSORBENT AREA 134M 1125 SQ. FT.

REMARKS 4/29/86 - TANK HOLE STARTED LOCATION OK RH

4/29/86³³⁰ - 1ST TRENCH STARTED & TANK SET. LENGTHEN TRENCH #1

8. FILL WITH STONE. DIG TRENCH #2 & #3 RH

4/30/86 OK TO CONTINUE WITH ADDITIONAL TRENCHES. CW.

4/30/86 OK to cover all work. JS

DATE SYSTEM APPROVED 4/30/86

INSPECTOR Stager

Permit

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 31692

P _____

DISTRICT 5TH

DATE 11-4-1981

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 PHILIP J. MANGLITZ AND ASSOC.

ADDRESS P.O. BOX 701 ADOLPHI MD. 20783 PHONE 949-3086

PROPERTY LOCATION:

SUBDIVISION NOBLEYN ACRES SECTION 2 LOT NO. 18-8, sec. II

ROAD AND DESCRIPTION LUSTER DRIVE

SIZE OF LOT 2.2 ACRES TYPE BLDG. 3
(NUMBER OF 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. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT.

Richard A. Carter
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

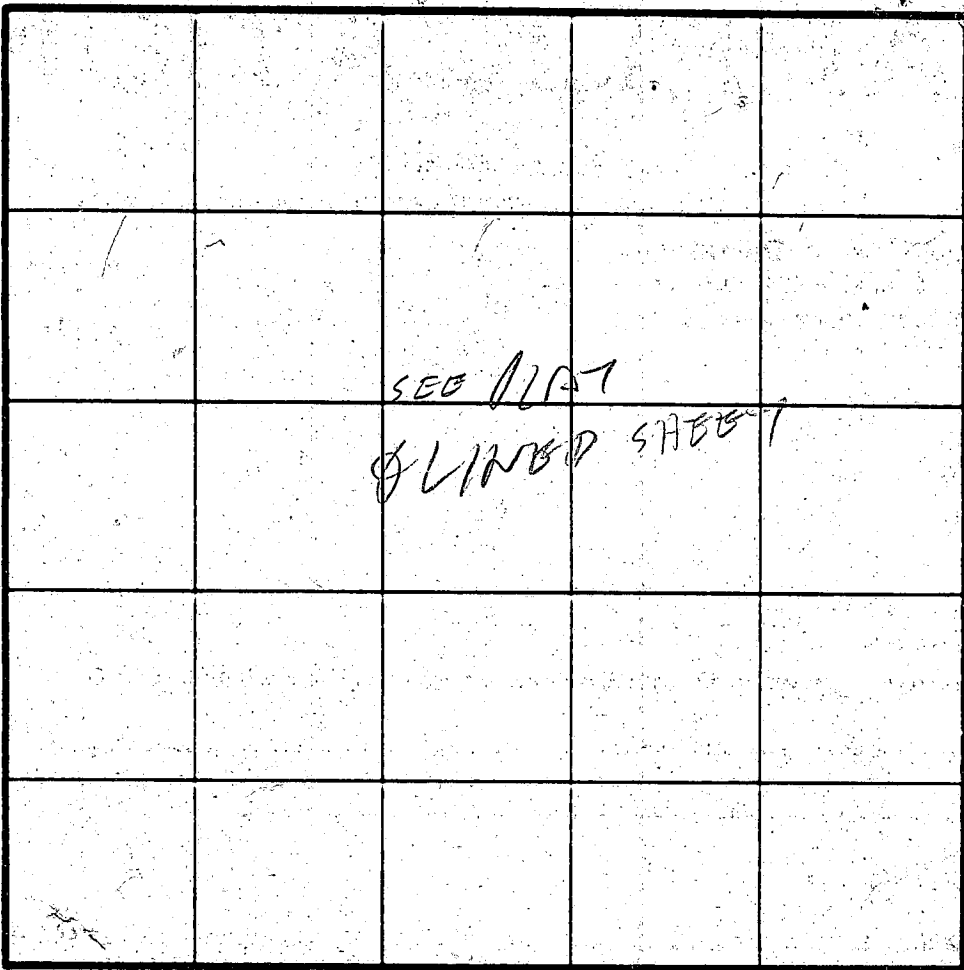
REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

SOIL PROFILE

Clay
 Clay + SAND
 TAN

 GREY
 SAND
 in
 some
 clay



SAND
 (11) (9)
 CLAY
 BROWN
 & GRAY
 SANDY
 CLAY
 BROWN
 BROWN
 SANDY
 DR. 7

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

(8)

Clay
 TAN
 SANDY
 LOAN
 some
 Dark
 veins
 Solid Pak

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
11/16/81	5 (5) M	4' 8'	10:34 10:35	10:49	10:49	11:19	XX	
	6 D S M D	14' (4) 8'	11:05 10:53				XX XX	
	7	8'	Moist clay some sand					
	8 S D	6' 15 1/2'	11:48	11:54		12:09	15	
	9 S D	6' 14'	12:08	12:11		12:16	5	
	10 S D	6' 14'	12:23	12:26	12:26	12:32	6	
4/28/82	11 ✓	12 1/2'	SEE SOIL PROFILE SAME LOCATION AS HOLE (9)					

Fail 1/2
 Fail 3/4
 3/4 Fail

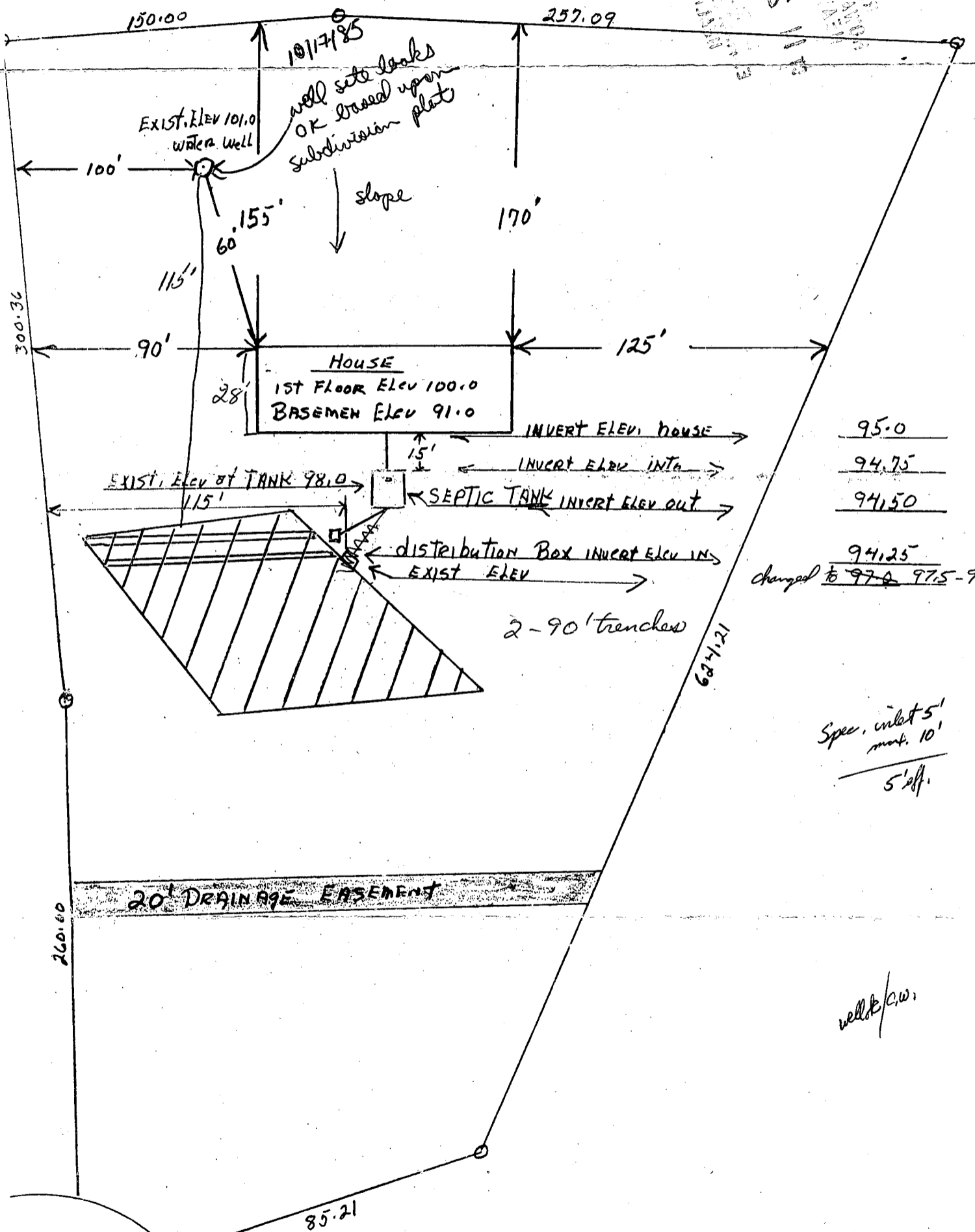
(9)

Clay
 Brown
 mica
 loan
 some
 Dark
 veins

REMARKS _____
 TYPE OF SOIL _____
 TESTED BY: SK 11/16/81 ALSO PRESENT Manglitz

The trenches must be located in the highest part of the sewage area.

10/17/85
 10/17/85
 10/17/85



95.0
94.75
94.50
94.25
changed to 97.5 97.5-98.0

Spec. inlet 5'
 man. 10'
 5' off.

well/c.w.

USTER DR.

MR & MRS ROBERT W SURRETTE
 Lot 8 SECTION 2 JOCELYN ACRES

B 1 **4539** SEQUENCE NO. (OEP USE ONLY)
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

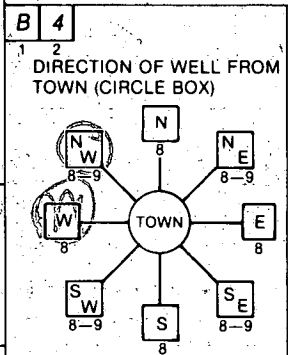
STATE OF MARYLAND PERMIT TO DRILL WELL
please print or type

OEP PERMIT NUMBER
HO-81-1206
fill in this form completely

Date Received **11/25/85**
OWNER INFORMATION
8 **70/4/85**
13
15 **Surratte** Last Name 13 **Robert** Owner First Name 34
36 **232 Marganza South** Street or RFD 55
57 **Laurel** Town 70 **MD** State 72 **20707** Zip 76

B 3 LOCATION OF WELL
1 **HOWARD** COUNTY 21
23 **Jacelyn Acres** SUBDIVISION 42
SECTION **2** 44 46 LOT **8** 48 50
Highland 52 NEAREST TOWN 71
MILES FROM TOWN (enter 0 if in town) **2** 73 **MI** 76 77 78

DRILLER INFORMATION
George F. Easterday 77 License No. **HP** 80
Driller's Name
L. Franklin Easterday, Inc. Firm Name
9265 Brown Church Rd. Mt. Airy, MD 21771 Address
George Easterday Signature **10/10/85** Date



Luster Drive 11 NEAR WHAT ROAD 30
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
NORTH
WEST
EAST
SOUTH
34 **300** 37 DISTANCE FROM ROAD
ENTER FT or MI **FT** 38 39

B 2 WELL INFORMATION
1 APPROX. PUMPING RATE (GAL. PER MIN.) **5** 8 12
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) **500** 14 20

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
HOWARD COUNTY NAME **A 31692** COUNTY NO.
OEP SIGNATURE _____ STATE HEALTH INSERT S _____ 41
DATE ISSUED **04/17/86**
B. Nifon CO SIGNATURE **04/17/86** EXP. DATE
NORTH GRID **494000** 50 55 EAST GRID **0905000** 57 63

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)

APPROXIMATE DEPTH OF WELL **150** 24 28 FEET

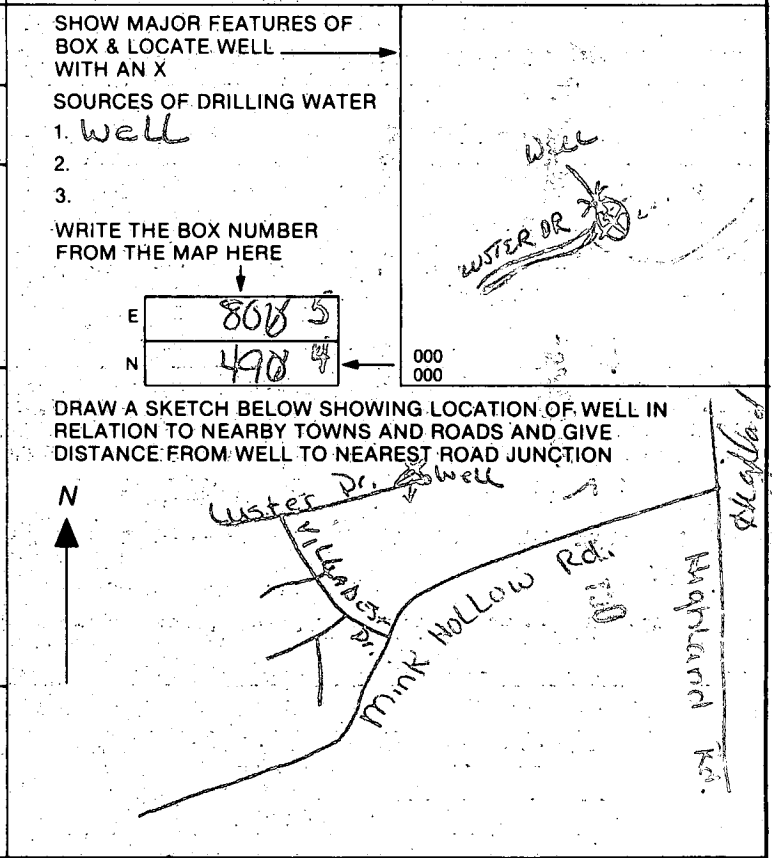
APPROXIMATE DIAMETER OF WELL **6** NEAREST INCH

METHOD OF DRILLING (circle one)
BORED (or Augered) JETTED Jetted & DRIVEN
30. ~~AIR-ROTARY~~ AIR-PERCussion ROTARY (Hydraulic Rotary)
37. ~~CABLE~~ REVerse-ROTary DRive-POINT
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
39 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) 41 _____ 52

Not to be filled in by driller (OEP USE ONLY)
APPROP. PERMIT NUMBER _____ 54 **GAP** 63
FORCE **RU** WRITE INITIALS IN BOX PERMIT NO. **HO-81-1206** 70 71 72 73 74 75 76 77 78 79

SPECIAL CONDITIONS



11/25/83

original depth 133'

129 ft casing

127 ft starting depth today

- 39 ft annular spacing (will jet fill)

H₂O sample taken (H₂O rust color)

* No grout done - machine broke

C1 2465 (OEP USE ONLY)
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

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

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.
 COUNTY NUMBER **A 31692**

DATE RECEIVED [] [] [] [] [] [] DATE WELL COMPLETED **11/25/85** Depth of Well **133** (TO NEAREST FOOT) PERMIT NO. FROM "PERMIT TO DRILL WELL" **HO-81-1206**

OWNER **SURRETTE ROBERT** STREET OR RFD **LOUSTER DRIVE** TOWN **HIGHLAND** SUBDIVISION **JACELYN ACRES** SECTION **2** LOT **8**

WELL LOG
 Not required for driven wells

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

DESCRIPTION (Use additional sheets if needed)	FEET		Check if water bearing
	FROM	TO	
Top Soil	0	2	
Clay	2	5	
Shaley	5	30	
Sand silt	30	90	
Clay	90	115	
Shaley	115	130	
Mica	130	133	✓
Quartz			

GROUTING RECORD
 WELL HAS BEEN GROUTED (Circle Appropriate Box) **Y** **N**
 TYPE OF GROUTING MATERIAL
 CEMENT **CM** BENTONITE CLAY **BC**
 NO. OF BAGS **46** NO. OF POUNDS
 GALLONS OF WATER
 DEPTH OF GROUT SEAL (to nearest foot)
 from **0** ft. to **39** ft.
 (enter 0 if from surface)

CASING RECORD
 casing types insert appropriate code below
ST **CO**
 STEEL CONCRETE
PL **OT**
 PLASTIC OTHER
 MAIN CASING TYPE **ST** Nominal diameter top (main) casing (nearest inch) **6** Total depth of main casing (nearest foot) **129**

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

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

C2
 DEPTH (nearest ft.)
 EACH SCREEN
 1 **HO** **127** **133**
 2
 3
 SLOT SIZE 1 2 3
 DIAMETER OF SCREEN (NEAREST INCH)

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 OTHER DATA INDICATOR

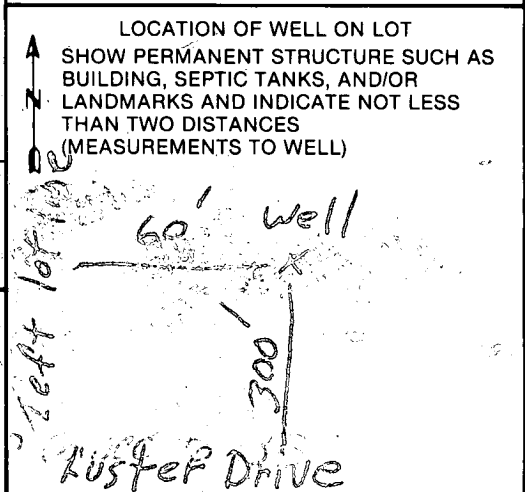
C3
PUMPING TEST
 HOURS PUMPED (nearest hour) **3**
 PUMPING RATE (gal. per min. to nearest gal.) **10**
 METHOD USED TO MEASURE PUMPING RATE **bucket**
 WATER LEVEL (distance from land surface) BEFORE PUMPING **37** WHEN PUMPING **48**
 TYPE OF PUMP USED (for test)
A air **P** piston **T** turbine
C centrifugal **R** rotary **O** other (describe below)
J jet **S** submersible

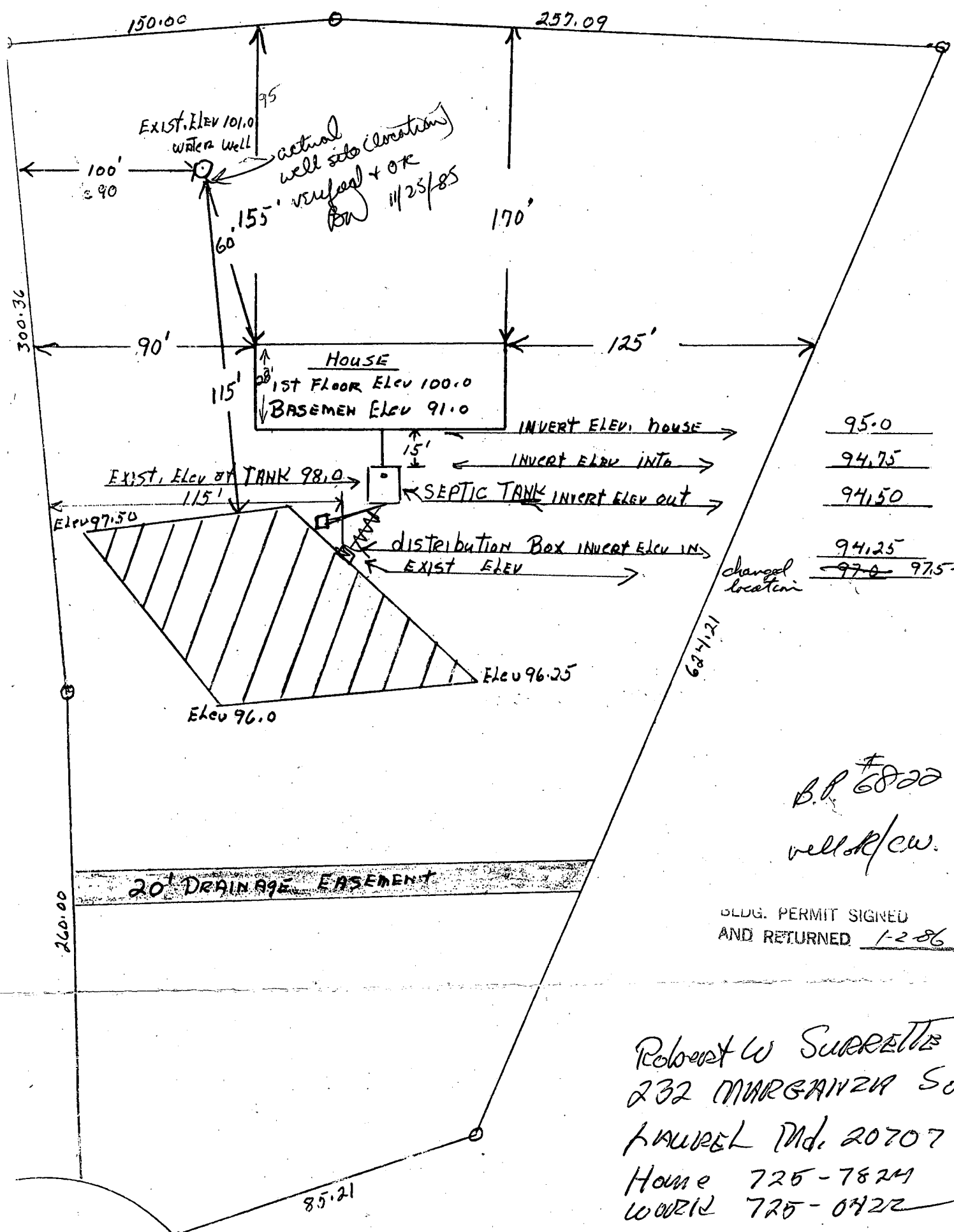
PUMP INSTALLED
 DRILLER WILL INSTALL PUMP YES **NO**
 IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE
 TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE:
 CAPACITY: GALLONS PER MINUTE (to nearest gallon)
 PUMP HORSE POWER
 PUMP COLUMN LENGTH (nearest ft.)
 CASING HEIGHT (circle appropriate box and enter casing height)
 LAND SURFACE (nearest foot)

CIRCLE APPROPRIATE LETTER
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 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, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS IDENT. NO. **40**
 DRILLERS SIGNATURE **Charles R. Fullers**
 SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)





B.P. # 68220
 well/cw.

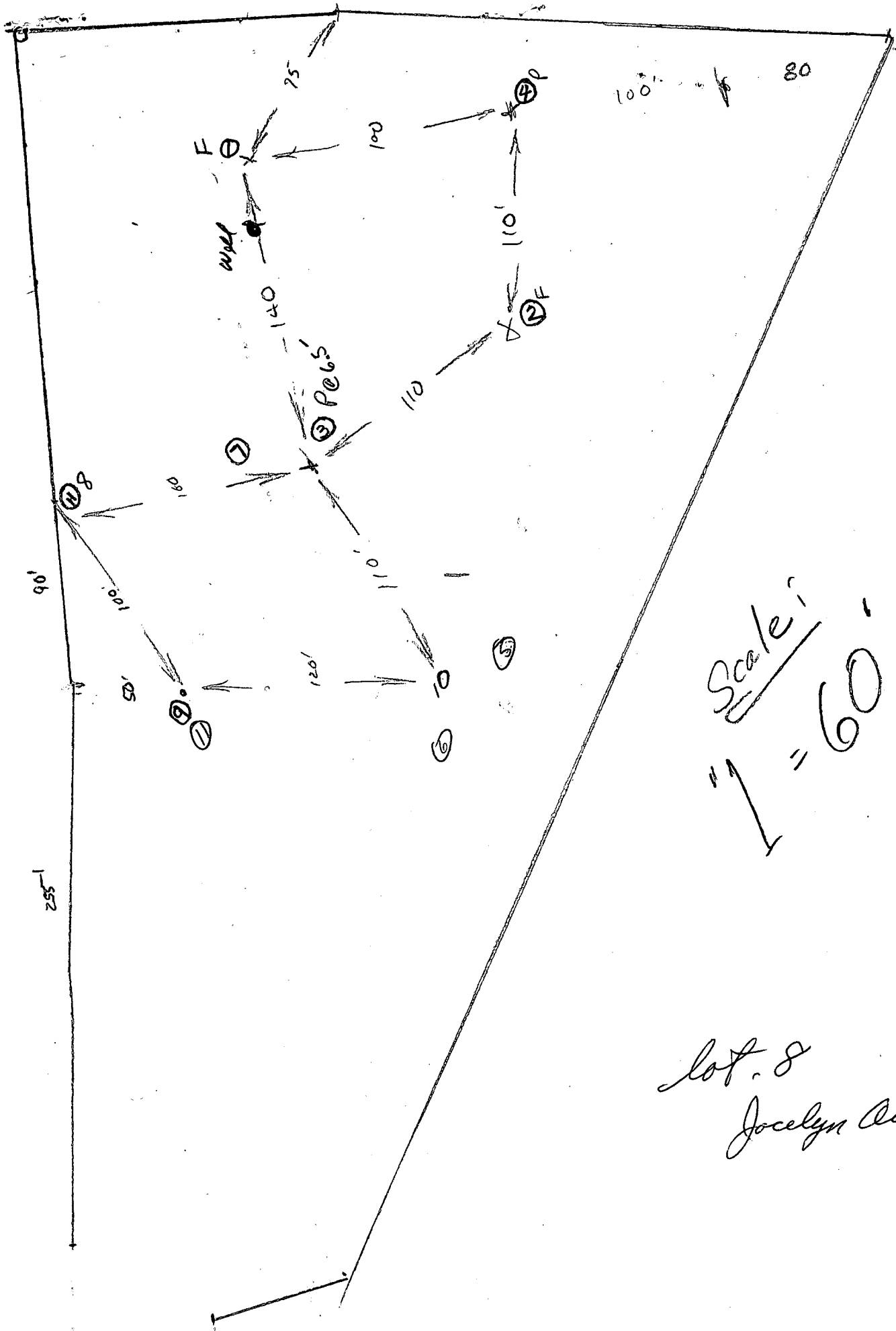
BLDG. PERMIT SIGNED
 AND RETURNED 1-2-86

Robert W SURRETTE
 232 MARGANZA SO.
 LAUREL MD. 20707
 Home 725-7824
 WORK 725-0422

LUSTER DR.

MR & MRS ROBERT W SURRETTE
 Lot 8 SECTION 2 JOCELYN ACRES

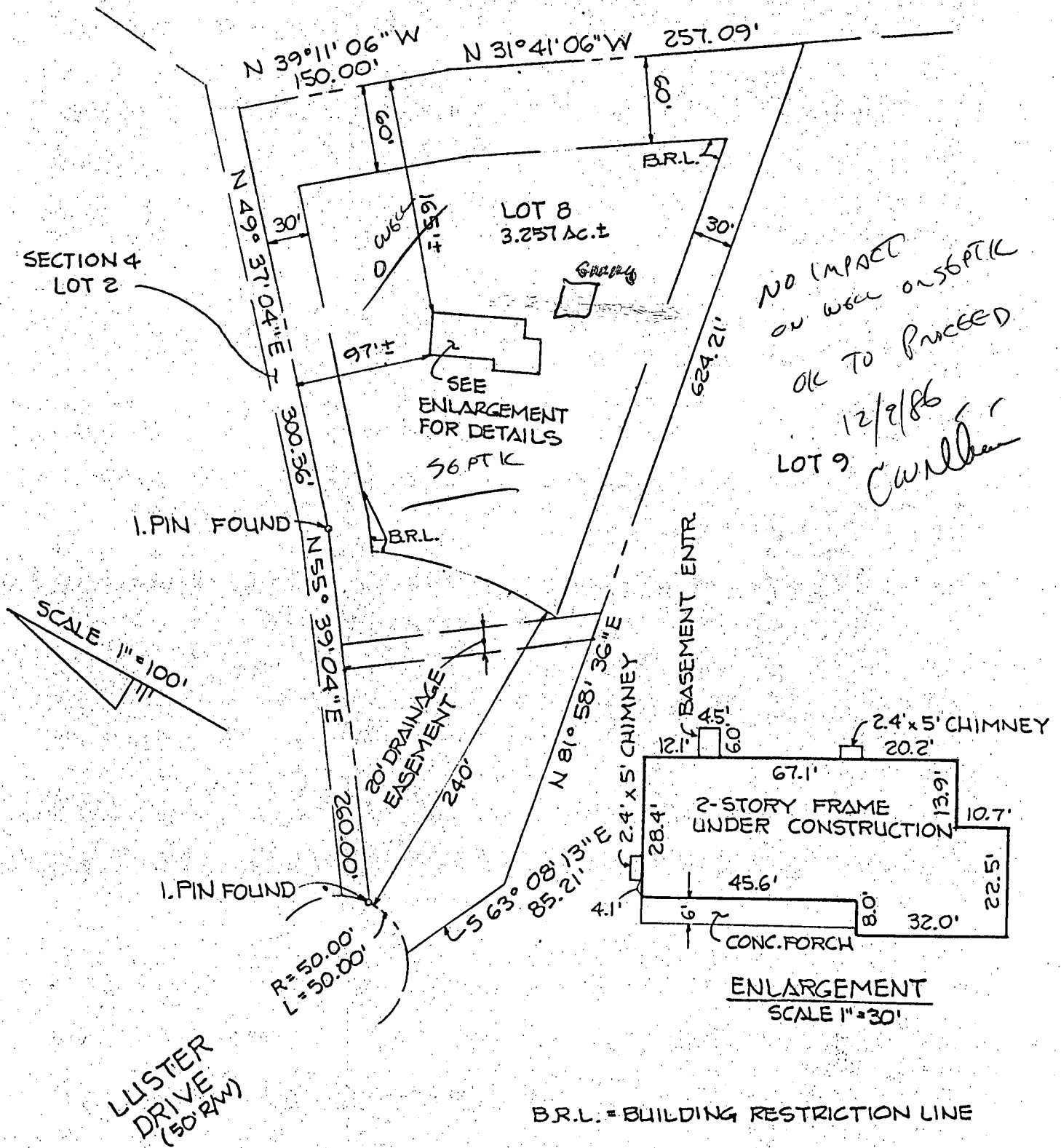
1" = 60'



Scale:
1" = 60'

lot 8
Jocelyn Acres

WILLIAM L. KAPLAN
AND PAUL J. DEMMITT
1082 / 057



NO IMPACT
ON USE OF SEPTIC
OK TO PROCEED
12/2/86
LOT 9
Culler

ENLARGEMENT
SCALE 1" = 30'

B.R.L. = BUILDING RESTRICTION LINE

This is to certify that I have surveyed the property known as: "JOEELYN ACRES, SECTION TWO", LOT 8, AS
RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY, MD. AS PLAT NO. 5210
for the purpose of locating the improvements thereon, and the improvements are located as shown.

Signed this 3rd day of MARCH 19 86

FISHER, COLLINS AND CARTER, INC.
CIVIL ENGINEERS AND LAND SURVEYORS
8388 COURT AVENUE
ELLCOTT CITY, MARYLAND 21043
(301) 461-2855

Paul J. Demmitt
PAUL J. DEMMITT
STATE OF MARYLAND
FISHER, COLLINS AND CARTER, INC.
This plat is not intended for use in the establishment of property lines.

W.O. # 70369. 111 12/2/86