

309510

10-23-87
AM ASAP

PERMIT

P 40314

A 39955

SEWAGE DISPOSAL SYSTEM
MARYLAND STATE DEPARTMENT OF HEALTH

DISTRICT 4th

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

INDEXED

DATE 10/20/87

DATE SYSTEM APPROVED 7-25-88

INSPECTOR [Signature]

Arnold Backhoe & Septic Services, Inc. IS PERMITTED TO INSTALL X ALTER

ADDRESS P. O. Box 15, Woodbine, Maryland 21797 PHONE 795-7873

SUBDIVISION _____ ROAD 3125 ~~2689~~ Florence Road LOT _____

PROPERTY OWNER Larue Becraft
ADDRESS 2689 Florence Road

ADDRESS 3125

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

GARBAGE GRINDER? YES _____ NO X SEPTIC SYSTEM TO BE INSTALLED PRIOR TO ISSUANCE BUILDING PERMIT.

SEPTIC TANK CAPACITY 1000 GALLONS NUMBER OF BEDROOMS 3 160
30

TRENCHES - 160 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 8 feet below original grade. Effective area begins at 3 feet below original grade. 5 feet of stone below distribution pipe.

LOCATION - Place the distribution box 335 feet from the front lot line along Florence Road and 445 feet from the left lot line as seen when facing the lot from Florence Road. Run trenches on contour toward the back lot line.

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

2-25-88 well line & supply 48" below GRADE - Pitless below 42" NOT SEPN; NO INSIDE WORK DONE

PLANS APPROVED BY S. Abel DATE 10/14/87

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.

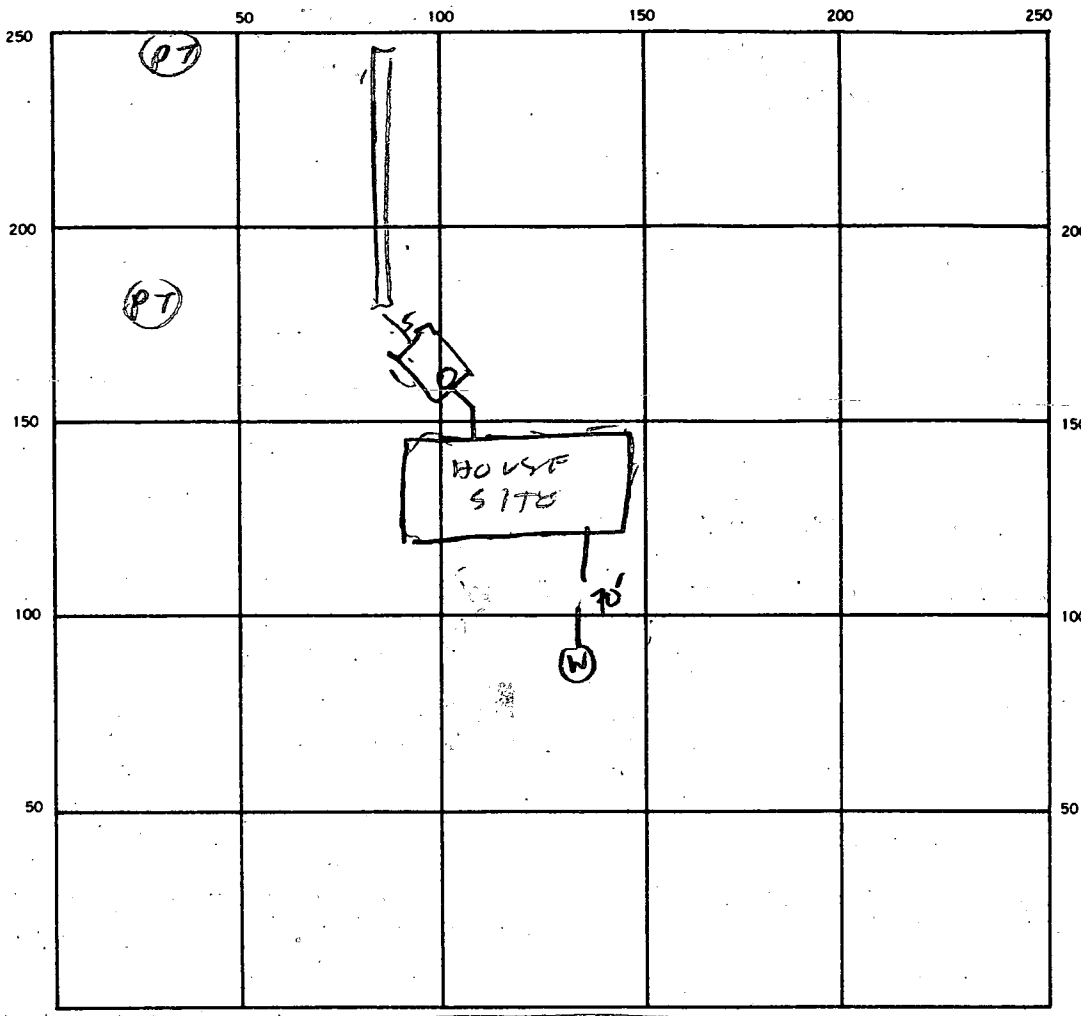
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET. MANHOLE TO GRADE REQUIRED.

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 39955



INDICATE NORTH. NAME ADJOINING ROADWAY AS BASE LINE
FLORENCE RD

SEPTIC TANK LEVEL 1000 CLEANOUTS 3 ✓

DISTRIBUTION BOX LEVEL 1000 N/A

DRAIN FIELD/TILE FIELD. DEPTH 8 FT. TRENCH WIDTH 2 FT. INLET DEPTH 3 FT.

EFFECTIVE GRAVEL DEPTH 5 FT. TOTAL LENGTH 98 FT.

NUMBER OF TRENCHES <u>1</u>	ONE SIDEWALL/BOTTOM AREA <u>490</u> SQ. FT.	REQUIRED <u>480</u> SQ. FT.
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DRYWELL INSIDE DIAMETER _____ FT. EFFECTIVE DEPTH BELOW INLET _____ FT.

ABSORBENT AREA 490 SQ. FT.

REMARKS 10/23/87 LOCATION OK TRENCH DUG WITH STONE
10/23/87 - TANK & TRENCHES OK. OK TO RELEASE
BUILDING PERMIT. CALL FOR INSPECTION OF HOUSE
SEWER WHEN READY B. HODGES
HOUSE CONNECTION MADE 2-25-88 SAH

DATE SYSTEM APPROVED 2-25-88 INSPECTOR SAH

Preliminary
8/28/87
9:30 AM

APPLICATION

PERCOLATION TESTING

A 39955

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 461-9933

DISTRICT 4TH

DATE 8-24-87

Approve well site
AT TIME OF PERC
SA

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 LARue Becraft

ADDRESS 2689 Florence Rd, Woodbine Md. PHONE none

PROSPECTIVE BUYER _____

ADDRESS N/A PHONE _____

PROPERTY LOCATION:

SUBDIVISION none LOT NO. N/A

ROAD AND DESCRIPTION _____

TAX MAP 13 PARCEL # 33

SIZE OF LOT 130.62 Acres TYPE BLDG Single Family Dwelling
(SINGLE FAMILY DWELLING OR COMMERCIAL)

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.

Virginia L. Arnold
(SIGNATURE OF APPLICANT)

APPROVED BY Raymond Hodger FOR Deep Trench DATE 8/28/87

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING N/A

BLDG. PERMIT SIGNED
AND RETURNED 11/5/87

8786 BP 15467

HD-216

THIS IS NOT A PERMIT

B 7 9322 SEQUENCE NO. (OEP USE ONLY)
1 2 3 6
(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
40-81-2296
70 fill in this form completely 79

Date Received 092087
OWNER INFORMATION
RUFFA LARUE
2687 FLORENCE RD
WOODBRIAR MD 21797

B 3 LOCATION OF WELL
HOWARD COUNTY
SUBDIVISION
SECTION 20
FLORENCE
MILES FROM TOWN 1.1 MI

DRILLER INFORMATION
Joseph L. Wayne 238
Joseph L. Wayne (WELL) DRILLING
5512 Ridge Rd. Mt. Airy, Md. 21771
9/14/87

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)
2687 Florence Road
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
DISTANCE FROM ROAD 100 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 A-39955 COUNTY NO.
OEP SIGNATURE DATE ISSUED 092187
NORTH GRID 535000 EAST GRID 0772000

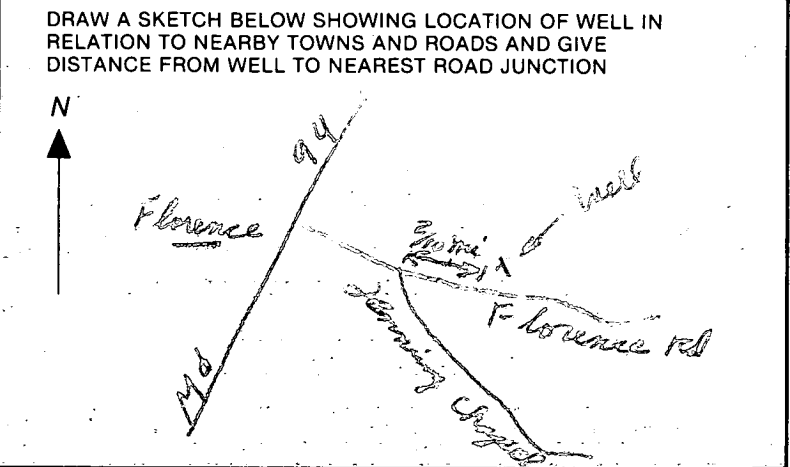
APPROXIMATE DEPTH OF WELL 220 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH NEAREST

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
1. WELL
WRITE THE BOX NUMBER FROM THE MAP HERE
E 7772
N 5355

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 SA PERMIT No. 40-81-2296

SPECIAL CONDITIONS

9-2287 well grout. Missed 9:30 grout.

Location ok

118 ft casing

50+ ft open hole

18 bags

2 ft above ground

JE Nadeau

C1 8212 SEQUENCE NO. (OEP USE ONLY)

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

DATE Received [] [] [] [] [] [] DATE WELL COMPLETED 09 22 87 Depth of Well 305 (TO NEAREST FOOT) PERMIT NO. FROM "PERMIT TO DRILL WELL" 40-81-2296

OWNER BeCRAFT last name 2689 FLORENCE RD. first name FARNE TOWN WOODBINE 21797
SUBDIVISION 3125 SECTION LOT

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	
Brown Shale	0	50	
CLAY	50	112	
Blue Rock	112	305 ✓	

GROUTING RECORD
WELL HAS BEEN GROUTED (Circle Appropriate Box) YES NO
TYPE OF GROUTING MATERIAL CEMENT BENTONITE CLAY
CEMENT CM BENTONITE CLAY BC
NO. OF BAGS 18 NO. OF POUNDS 1692
GALLONS OF WATER 108
DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 50 ft.

CASING RECORD
casing types insert appropriate code below
ST CO STEEL CONCRETE
PL OT PLASTIC OTHER
MAIN Nominal diameter Total depth
CASING top (main) casing of main casing
TYPE (nearest inch) (nearest foot)
ST 6 118

OTHER CASING (if used)
EACH CASING diameter depth (feet)
inch from to
PL 4 5 300

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 40 116 305

SLOT SIZE 1 2 3
DIAMETER OF SCREEN [] [] [] (NEAREST INCH)

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. 238
DRILLERS SIGNATURE [Signature]

SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

GRAVEL PACK from to
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
70 72 74 75 76
TELESCOPE LOG OTHER DATA
CASING INDICATOR

C3
PUMPING TEST
HOURS PUMPED (nearest hour) 3
PUMPING RATE (gal. per min. to nearest gal.) 572
METHOD USED TO MEASURE PUMPING RATE Bucket
WATER LEVEL (distance from land surface) BEFORE PUMPING 47
WHEN PUMPING 127
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) 4 above } LAND SURFACE 2 (nearest foot) below }

LOCATION OF WELL ON LOT
SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)

RECEIVED
HOWARD COUNTY
HEALTH DEPT

APR 19 4 39 PM '88

DEPARTMENT OF
ENVIRONMENTAL
HEALTH

Please put this updated
completion with one sent
in 9/87. I have put a
4 in liner of plastic casing
inside of steel casing to
cut off cloudy water.
well was clear before I
left 4/15/88.

Truly,
Joseph Morgan

Received
4-19-88 JEN

C1 1911 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 A39955

DATE RECEIVED: 072987

Depth of Well: 305 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL": HO-81-2290

OWNER: Baccuff last name, Lurve first name. STREET OR RFD: 2149 Florence Road. TOWN: Woodbine. SUBDIVISION: SECTION: LOT:

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 (Use additional sheets if needed), FEET (FROM, TO), Check if water bearing. Includes handwritten entries: Brown Silty Clay, Blue Rock.

GROUTING RECORD. WELL HAS BEEN GROUTED (Y). TYPE OF GROUTING MATERIAL: CEMENT (CM), BENTONITE CLAY (BC). NO. OF BAGS: 18. NO. OF POUNDS: 1022.

CASING RECORD. casing types insert appropriate code below: ST (STEEL), CO (CONCRETE), PL (PLASTIC), OT (OTHER). MAIN CASING TYPE: ST. Nominal diameter: 6 inches. Total depth of main casing: 112 feet.

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

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

DEPTH (nearest ft.) table with handwritten entries: HO 112, 305.

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. 238. DRILLERS SIGNATURE: Joseph P. Maguire.

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.): 53. METHOD USED TO MEASURE PUMPING RATE: Sucklet. WATER LEVEL (distance from land surface) BEFORE PUMPING: 47. WHEN PUMPING: 127. 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: S. CAPACITY: GALLONS PER MINUTE (to nearest gallon): 31-35. PUMP HORSE POWER: 37-41. PUMP COLUMN LENGTH (nearest ft.): 43-47. CASING HEIGHT (circle appropriate box and enter casing height): + above, - below. LAND SURFACE (nearest foot): 2.

LOCATION OF WELL ON LOT. SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL). Includes drawing of a house.

SECOND CASING (LINER - 4" PLASTIC)

INSTALLED BY DALLER

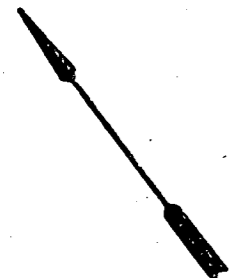
4/18/88

TO CORRECT TURBIDITY
PROBLEM.

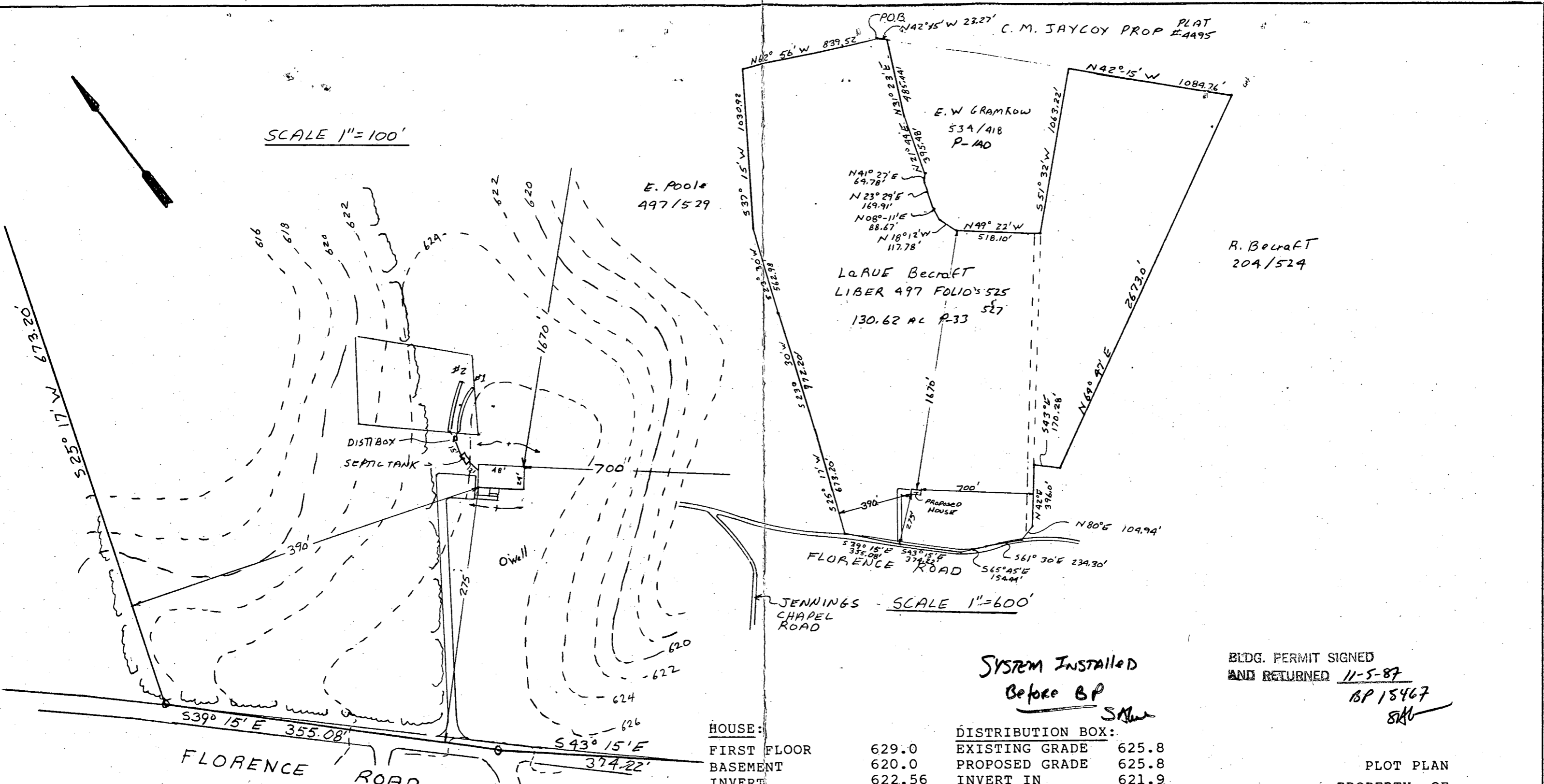
COMPLETION

REPORT ~~ADD~~ TO FOLLOW

CW1



SCALE 1"=100'



JENNINGS CHAPEL ROAD - SCALE 1"=600'

SYSTEM INSTALLED
Before BP

BLDG. PERMIT SIGNED
AND RETURNED 11-5-87
BP 15467
SKL

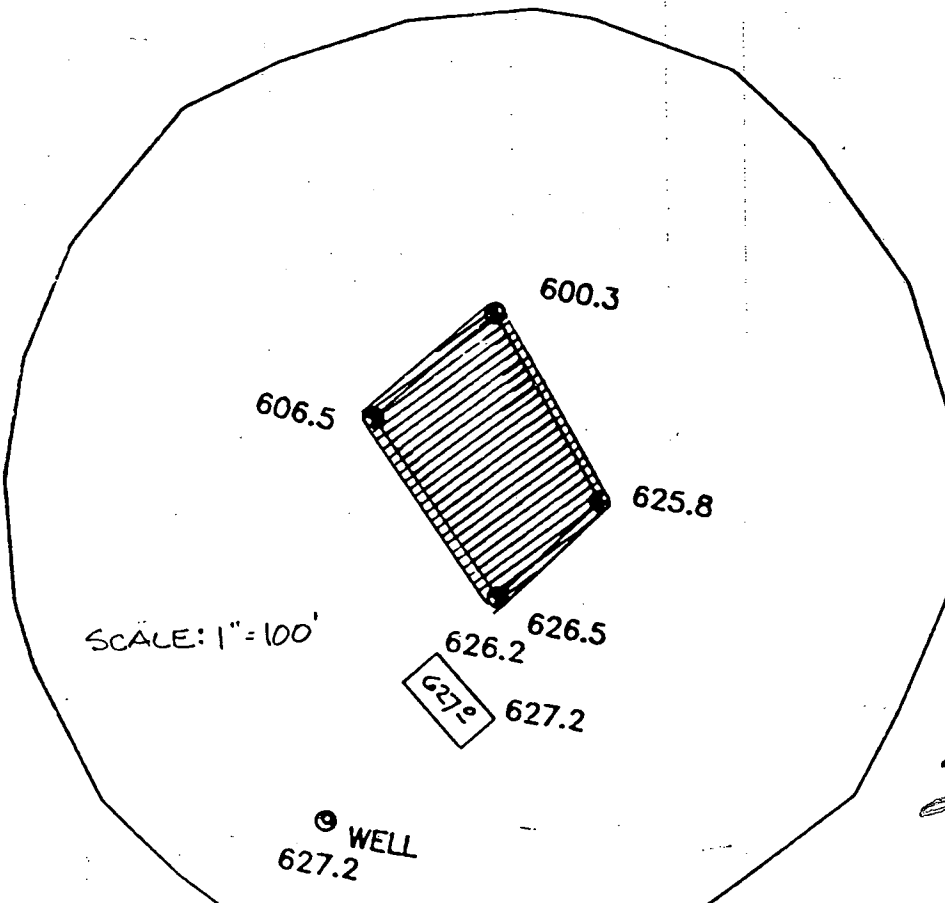
PLOT PLAN
PROPERTY OF
LaRUE BECRAFT
LIBER 497 FOLIO 525
TAX MAP #13 PARCEL 33
4th ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
SCALE as shown
DATE 10/10/87


HOUSE:		DISTRIBUTION BOX:	
FIRST FLOOR	629.0	EXISTING GRADE	625.8
BASEMENT	620.0	PROPOSED GRADE	625.8
INVERT	622.56	INVERT IN	621.9
		INVERT OUT	621.8
SEPTIC TANK:		TRENCHES:	
EXISTING GRADE	625.8	EXISTING	#1 625.7 #2 625.2
PROPOSED GRADE	625.8	INVERT	621.7 621.2
INVERT IN	622.31	BOTTOM	616.7 616.2
INVERT OUT	622.06	STONE	5.0 5.0
		LENGTH	50.0 50.0
		WIDTH	2.0 2.0

I certify the above measurements and elevations to be actual and true for this property.

C. Bushnell 10-10-87

STONE



 This area designates a private sewage easement of 10,000 square feet as required by the Maryland State Department of Health and Mental Hygiene for individual sewage disposal. Improvements of any nature in this area are restricted until public sewage is available. These easements shall become null and void upon connection to a public sewage system. The County Health Officer shall have the authority to grant variances for encroachments into the private sewage easement. Recordation of a modified sewage easement shall not be necessary.

Perculation test holes shown hereon have been field located and shown as "⊕".

The lots shown hereon comply with the minimum ownership width and lot areas as required by the Maryland State Department of Health and Mental Hygiene.

Perculation areas and water wells for adjoining lots have been shown where pertinent.

APPROVED: For Private Water and Private Sewage Systems

Joyce Byrd
County Health Officer
Date *9-27-87*

LARUE BECRAFT
497/525
497/527
190.62 AC.±

EDWIN W. GRAMKOW
534/418
23.058 AC.±

LARUE BECRAFT
497/525

SCALE: 1"=500'

PERCOLATION TEST PLAT
PROPERTY OF
LARUE BECRAFT

*OK for registration
9/19/87 R/H*

4th Election District
Howard County, Maryland
Scale As-Shown
Date: August 29, 1987

C. Brooke Miller R.P.L.S.
13054 Tarragon Road
Reisterstown, Md. 21136
(301) 833-7517



