

10/7/83 App' 55.

10/6/83 p.m.

PERMIT

P 33159
A #32960

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
992-2330

05-361834
INDEX

ELLICOTT CITY
DISTRICT 5th

DATE 9/26/83

~~Donald Parlette~~ Rick Beverungen (Merit Construction) IS PERMITTED TO INSTALL ALTER
ADDRESS 6572 Route 32, Clarksville, MD 21029 PHONE 286-2140

SUBDIVISION Fenton Estates ROAD 14005 Highland Road LOT Parcel 63

PROPERTY OWNER Mr. Rod Becraft
ADDRESS 13513 Ofallon St. Silver Spring, MD Phone: 572-5387

IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 22%
GARBAGE GRINDER? YES NO

~~BLDG. PERMIT SIGNED AND RETURNED 3-24-99 Serial # 010110857~~
~~BLDG. PERMIT SIGNED AND RETURNED 3-24-99 Serial # 010110857~~
Engwood Ptd.

SEPTIC TANK CAPACITY 1500 2,000 GALLONS NUMBER OF BEDROOMS 4
153 sq. ft. per bedroom. Inlet 3 ft. below original grade. Bottom maximum depth
10 ft. below original grade. Effective area begins at 3 ft. below original grade.

If trench is used to make up absorbent area, run the trench on level ground and leave a 5 ft. earth buffer between dry well and trench. No trench is to exceed 100 ft. in length. Trench inlet to be same as dry well, with 7 ft. of stone below distribution pipe.

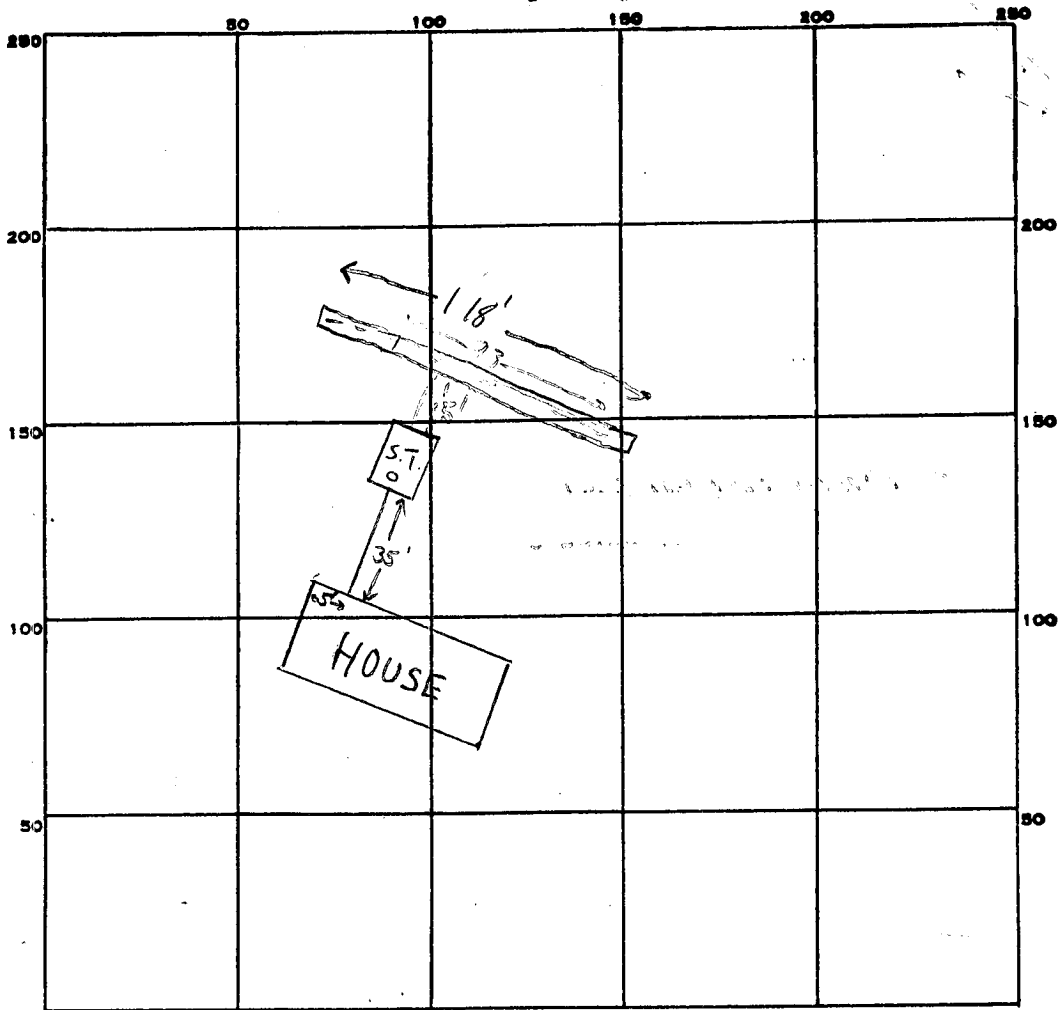
LOCATION: Place drywell 240 ft. from front lot line and 145 ft. from left lot line as seen when facing property from Highland Road. Located trench to either side of drywell at the same elevation, with disposal total absorbant area to be 610 sq. ft.

Trench only, length 120' min, @ 6ft stone, T out of tank *ll*
10/6/83 OK. to hwy 31, incl 1/2" S.
PLANS APPROVED BY Craig Williams/Fred Frommelt DATE 7/25/83 9/26/83

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 10/3/84
Serial # 01208
addition 2Bw
Living room
porch/room
garage
22960

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



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

Highland Rd.

PERMIT CARD ✓ signed OK

SEPTIC TANK, LEVEL 2000 gallons CLEANOUTS ST ✓

DISTRIBUTION BOX, LEVEL n.a.

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

GRAVEL DEPTH 7 FT. TOTAL LENGTH 118 FT.

NUMBER OF TRENCHES 1 ONESIDE TOTAL BOTTOM AREA 826

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

ABSORBENT AREA _____ SQ. FT.

$\frac{118}{7}$
826

REMARKS 10/6/83 O.K. to put gravel in trench F.S.

10/7/83 O.K. to cover all with F.S.

DATE SYSTEM APPROVED 10/7/83 INSPECTOR Frank Skinner

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 81-0189
 Location of property (road) Highland Rd.
 Subdivision taxmap 28, parcel 63 Lot Block Plat Sec.
 Well Driller Joseph Mayne Owner Rod Becraft

Depth of well 300
 Distance of measuring point (M.P.) above ground 1
 Static water level (S.W.L.) below M.P. 25

I. High rate pumping -- reservoir drawdown

Time pump started 7:00 Pumping rate 10
 Total time 7:45 to reach pumping water level 16.2 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 5 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
7:15	100	6 sec.		10
7:30	160	6		10
7:45	162	30		2
8:00	160	40		1.5
8:15	159	35		1.34
8:30	155	35		1.34
8:45	156	30		2
9:00	156	30		2
9:15	156	30		2
9:30	156	30		2
9:45	156	30		2
10:00	156	30		2
10:15	156	30		2
10:30	156	30		2
10:45	156	30		2
11:00	156	30		2
11:15	156	30		2
11:30	156	30		2
11:45	156	30		2
12:00	156	30		2
12:15	156	30		2
12:30	156	30		2
12:45	156	30		2
1:00	156	30		2

C1 4369 SEQUENCE NO. (OEP USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

COUNTY NUMBER A 32960

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

DATE RECEIVED

DATE WELL COMPLETED 072183

DEPTH OF WELL 300 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-81-0189

OWNER Becraft Rod last name first name STREET OR RFD Highland Road TOWN Dayton SUBDIVISION parcel 63; taxmap 28 SECTION LOT

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), Check if water bearing. Includes handwritten entries: Brown Shale 0 32, Gray mica rock 32 300.

Handwritten notes: May wells filled in with Cement + drilling materials. Well 1 - 260 dry. Well 2 - 260 dry.

GROUTING RECORD: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL CEMENT (CM), BENTONITE CLAY (BC), NO. OF BAGS 9, NO. OF POUNDS 846, GALLONS OF WATER 54, DEPTH OF GROUT SEAL 3.5 ft.

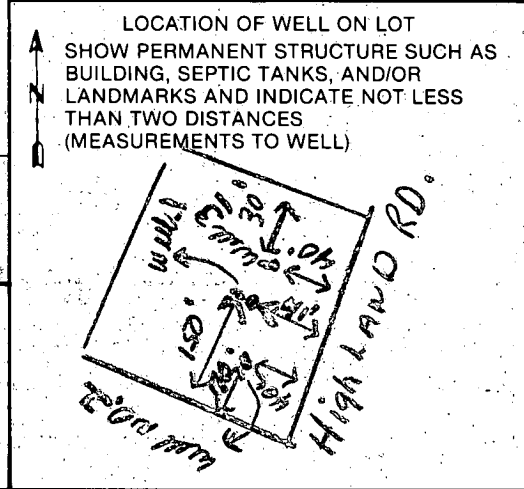
CASING RECORD: MAIN CASING TYPE PL, Nominal diameter 6, Total depth 41, OTHER CASING (if used) diameter inch, depth (feet) from to.

SCREEN RECORD: screen type or open hole (ST, BR, HO), SLOT SIZE 1, 2, 3, DIAMETER OF SCREEN (NEAREST INCH) from to.

GRAVEL PACK, 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 6, PUMPING RATE 2 gal. per min., MEASURE PUMPING RATE submersible, WATER LEVEL 25, BEFORE PUMPING 156, WHEN PUMPING 156, 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, CAPACITY: GALLONS PER MINUTE, PUMP HORSE POWER, PUMP COLUMN LENGTH, CASING HEIGHT (+) above, LAND SURFACE (1) (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...

DRILLERS IDENT. NO. 238, DRILLERS SIGNATURE Joseph L. Mayne (MUST MATCH SIGNATURE ON APPLICATION)

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

APPLICATION

7/19/83
9:30 AM
Retreat

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 32960

P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES
P. O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 992-2330

DISTRICT 5th

DATE 7/15/83

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 God A Beecraft

ADDRESS 12513 O Fallon St Silver Spring Md PHONE 572-5387

PROPERTY LOCATION: _____

SUBDIVISION Fenton Estates LOT NO. Parcel 63

ROAD AND DESCRIPTION 14005 Highland Rd - near Ten Oaks Rd
across from meadow structure

SIZE OF LOT About 3 Ac TYPE BLDG. 4
(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.

God A Beecraft
(SIGNATURE OF APPLICANT)

APPROVED BY C Wilman FOR TRENCHES DATE 7-19-83

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

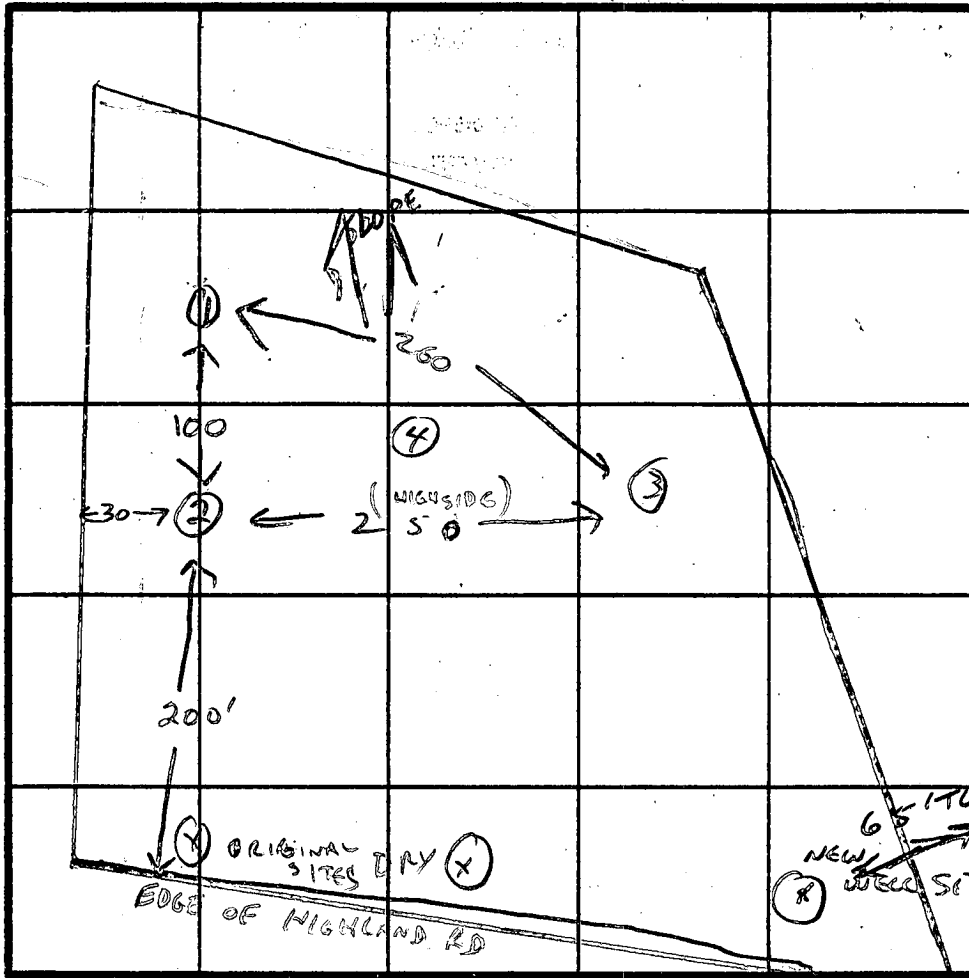
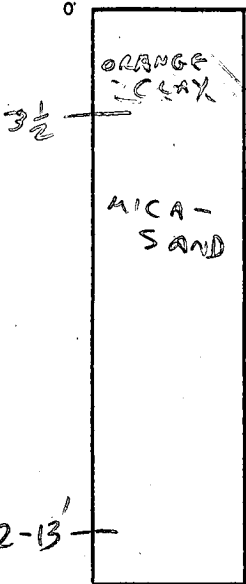
REASONS FOR REJECTION OR HOLDING START SYSTEM IN MIDDLE OF HIGH SIDE OF PERC AREA
FOR EASIEST ACCESS.

BLDG. PERMIT SIGNED
AND RETURNED 8/1/83
Serial # 54721 SFD

THIS IS NOT A PERMIT

ALL HOLES

SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
7-19-83	1	4	9:51	9:52	9:52	9:54	2 MIN
		13	9:51	9:54	9:54		
		13	CLAY TO	5 1/2'; THEN SAND;	ROCKY AT	12'	
7-19-83	2	4	9:59	10:00	10:00	10:02	2 MIN
		9	9:59	10:01	10:01	10:04	
		13	CLAY TO	3 1/2'; SAND			
7-19-83	3	4	10:20	10:22	10:22	10:24	2 MIN
		8	10:20	10:21	10:21	10:23	
		12					
7-19-83	4		VISUAL SAND 4-13'				

REMARKS START SYSTEM IN MIDDLE OF 250' PERCLINE (HOLES 2-3)

TYPE OF SOIL MICA-SAND

TESTED BY C Williams

OWNER BEARD

ALSO PRESENT _____

APPLICATION

A 29854

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 571A
DATE 5/21/79

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.

*Changed to J Smallwood
Nichols Prop*

PROPERTY OWNER STURNER NICHOLS
ADDRESS FENTON FARMS
13938 HIGHLAND RD PHONE 286 2463 or
286 2993
PROPERTY LOCATION: CHANGED TO J SMALLWOOD
NICHOLS PROPERTY
PARCEL A
SUBDIVISION _____ LOT NO. PARCEL A
ROAD AND DESCRIPTION Highland Rd & Tredolphen Mill Rd
SIZE OF LOT 3 ac M/L TYPE BLDG. 3 or 4 BR

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 JACK BUENDER FOR STURNER NICHOLS

APPROVED BY Raymond Hodge FOR DRY WELL DATE 12/26/79

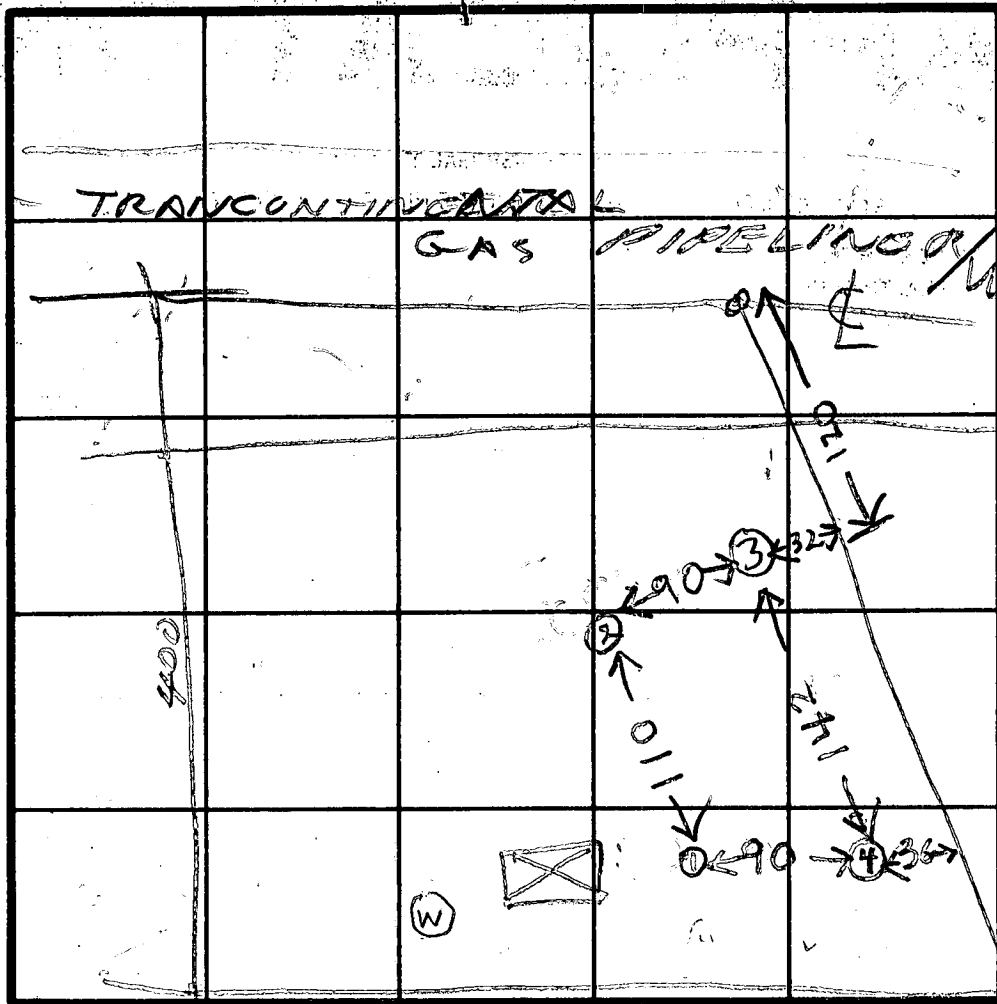
REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 7/24/79 - PERC TIME OK HOLD
FOR CERTIFIED PERC PLAT R/H
COPY GIVEN TO DENNY

THIS IS NOT A PERMIT

SOIL PROFILE



Hole Elevation

- ① Highest
- ④ Next Highest
- ③ Lowest
- ② Next Lowest

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

HIGHLAND RD 130

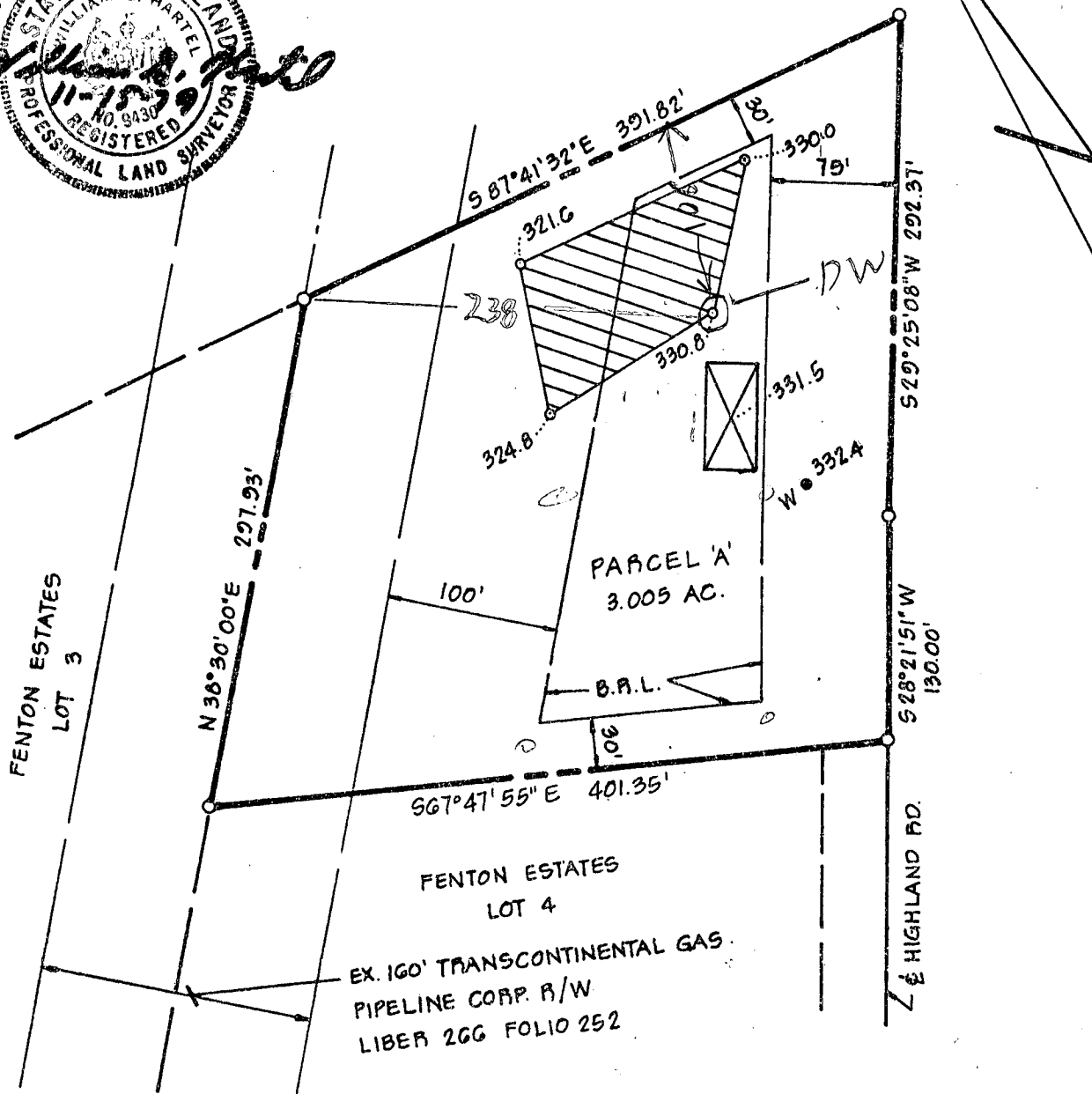
DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1' DROP		TIME
			START	STOP	START	STOP	
7/24/79	1D	1 1/2	144	150	150	200	10
7/24/79	1S	3	144	147	147	149	2
	2D	12 1/2	153	159	159	205	6
	2S	3	153	158	158	205	7
	3D	12 1/2	207	210	210	215	5
	3S	4	208	209	209	211	2
7/24/79	4/1	12	TOP BOT	2F1 10F7	CLM7	SANDY	

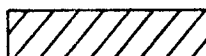
REMARKS Center Holes

TYPE OF SOIL _____

TESTED BY R. HODGES ALSO PRESENT DENNY

NOTE: PERCOLATION TEST HOLES SHOWN HEREON (e.g.) HAVE BEEN FIELD LOCATED.



 THIS AREA INDICATES A PRIVATE SEWAGE EASEMENT OF APPROXIMATELY 10,000 SQ. FT. AS REQUIRED BY THE FEDERAL AND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE FOR INDIVIDUAL DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE AND SERVICING ANY RESIDENTIAL STRUCTURES CONSTRUCTED ON THESE BUILDING LOTS. THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM.

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.

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWAGE SYSTEMS. HOWARD COUNTY HEALTH DEPARTMENT

Joyce M. Boyd / 92 12-26-79
 COUNTY HEALTH OFFICER DATE
 12/26/79 We made this copy RH

TITLE PERCOLATION TEST PLAT			
PROJECT J. SMALLWOOD NICHOLS PROPERTY			
LOCATION 5TH ELECTION DISTRICT		HOWARD COUNTY, MD.	
DATE: NOV., 1979	DESIGN BY: -	DRAWN BY: J.J.B.	CHECKED BY:
SCALE: 1" = 100'	JOB NO.: 7983	DRAWING NO.: 1 OF 1	

boender associates

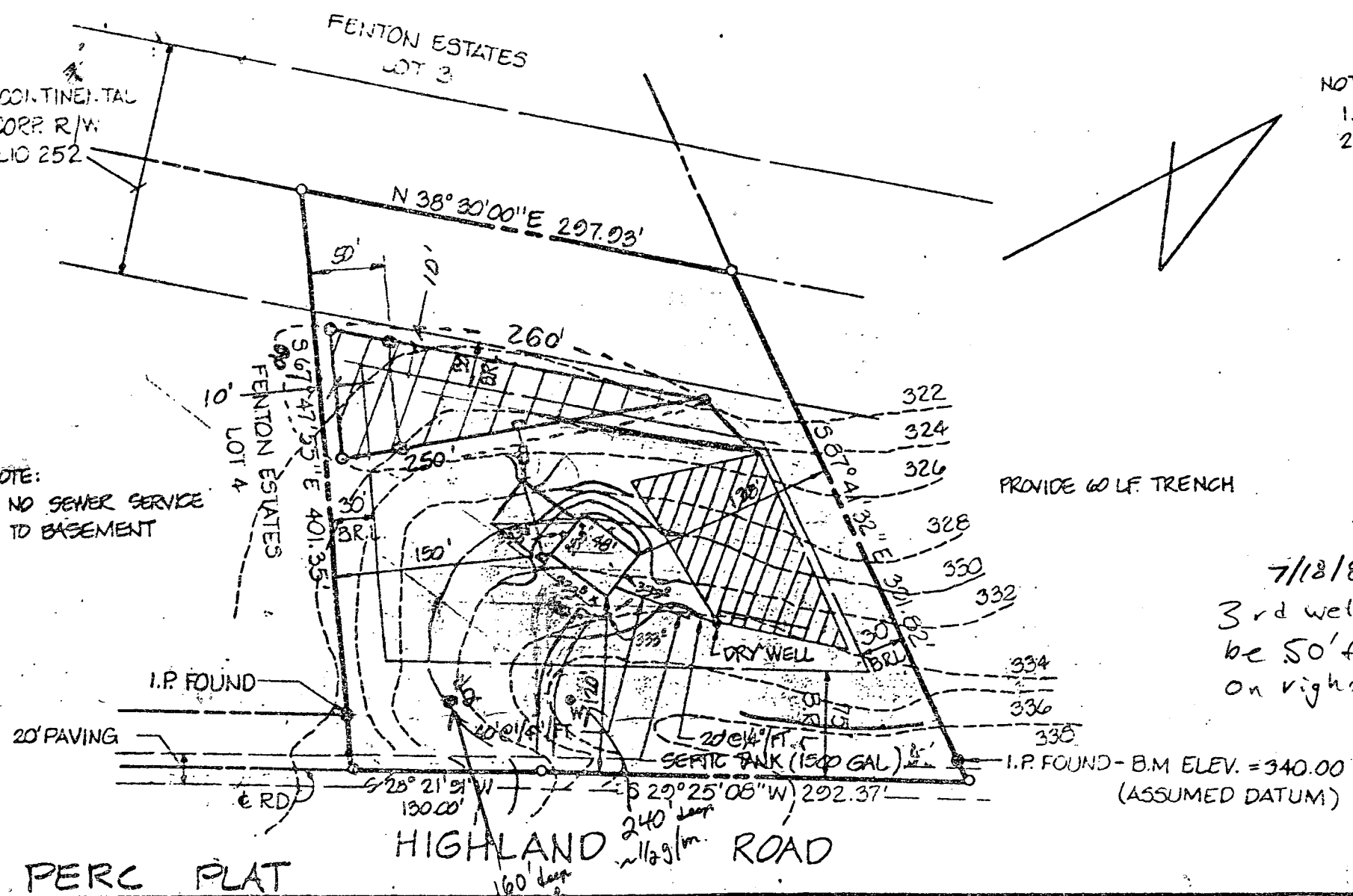
engineers
surveyors
planners

EV 160' TRANSCONTINENTAL
GAS PIPELINE CORP. R/W
LIBER 266 FOLIO 252

HOUSE
F.F. = 335.0
G.E. = 326.3
INV. OUT = 332.56
SEPTIC TANK
EX. GR. = 334.0
FIN. GR. = 334.9
INV. IN = 331.72
INV. OUT = 331.42
DRY WELL
EX. GR. = 334.0
FIN. GR. = 334.0
INV. IN = 331.0
WELL
EX. GR. = 336.5
FIN. GR. = 336.5

NOTE:
NO SEWER SERVICE
TO BASEMENT

NOTES:
1. TAX MAP: 25 PARCEL: 63
2. HOUSE TO HAVE 2
BEDROOMS.



PROVIDE 60 LF TRENCH

7/18/83
3rd well site can
be 50' from center of road,
on right side of property
F. Skinner

I.P. FOUND - B.M. ELEV. = 340.00
(ASSUMED DATUM)

PERC FLAT

TITLE GRADING STUDY		DATE: JULY, 1983 JUNE, 1983	boender associates SUITE 102-107 TOWN & COUNTRY PROFESSIONAL BUILDING ELLICOTT CITY, MARYLAND 21043 301-488-7777	engineers surveyors planners
PROJECT BECRAFT PROPERTY		SCALE: 1" = 100'		
LOCATION 5TH ELECTION DISTRICT HOWARD COUNTY, MD.	JOB NO.: 83097	DRAWN BY: D.M.P.		

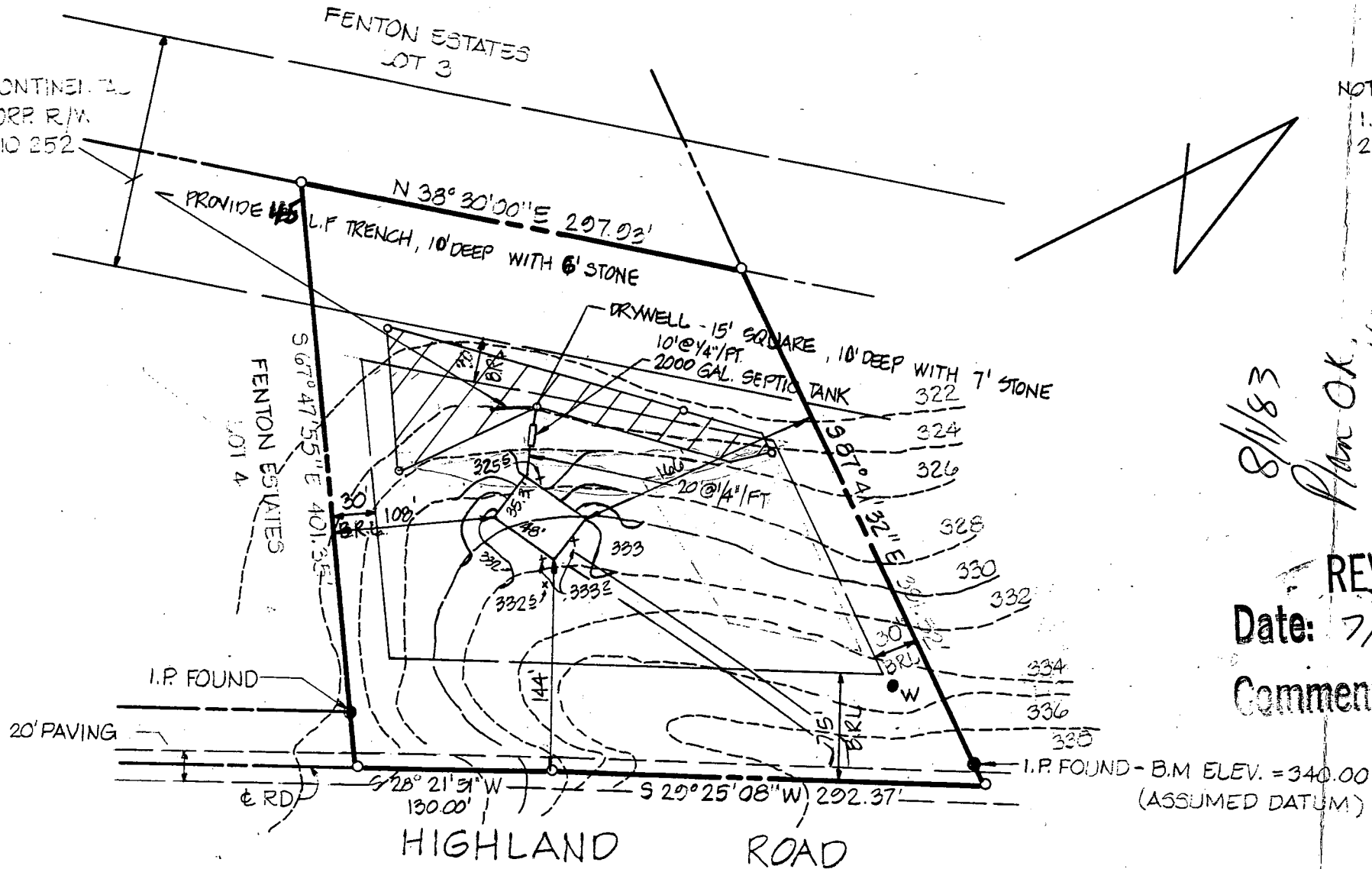
EX. 160' TRANSCONTINENTAL
GAS PIPELINE CORP. R/W.
LIBER 266 FOLIO 252

HOUSE
FF = 334.7
CE = 326.0
INV. OUT = 320.93

SEPTIC TANK
EX. GR. = 325.5
FIN. GR. = 325.0
INV. IN = 320.51
INV. OUT = 320.21

DRY WELL
EX. GR. = 324.0
FIN. GR. = 324.0
INV. IN = 320.0

WELL
EX. GR. = 335.0
FIN. GR. = 335.0



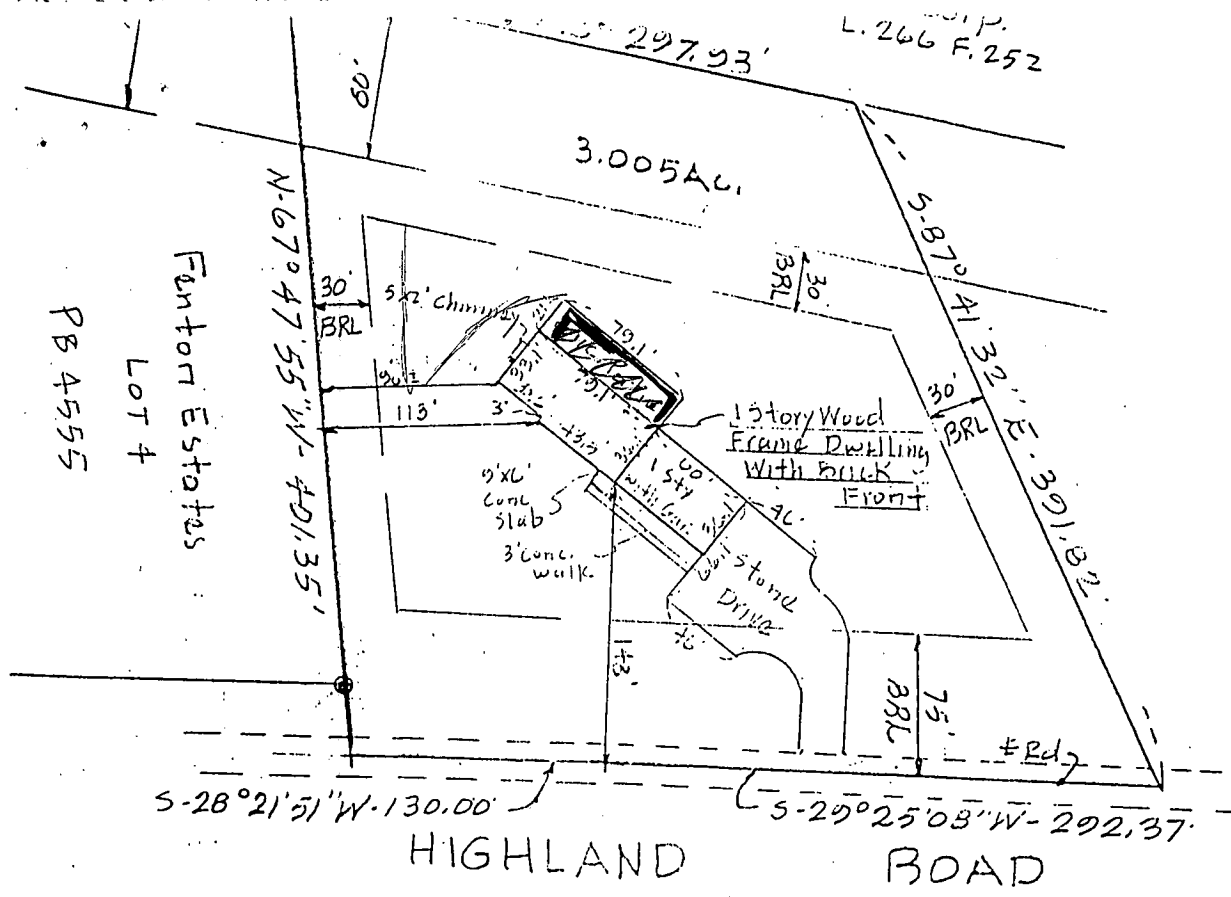
NOTES:
1. TAX MAP: 28 PARCEL: 63
2. HOUSE TO HAVE 4 BEDROOMS.

8/1/83
Plan OK,
USE THIS
F.S.

REVISED
Date: 7/21/83
Comments:

REV. 7-21-83 MOVED HOUSE & NEW PERC AREA

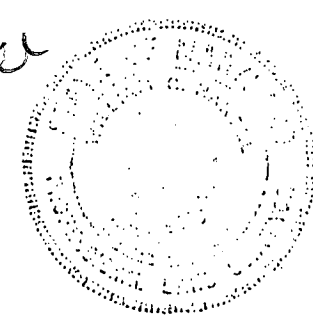
TITLE	GRADING STUDY	DATE:	JUNE, 1983	boender associates SUITE 102-107 TOWN & COUNTRY PROFESSIONAL BUILDING ELLICOTT CITY, MARYLAND 21043 301-466-7777	engineers surveyors planners
PROJECT	BECAFT PROPERTY	SCALE:	1" = 100'		
LOCATION:	5TH ELECTION DISTRICT HOWARD COUNTY, MD.	JOB NO.:	83097		



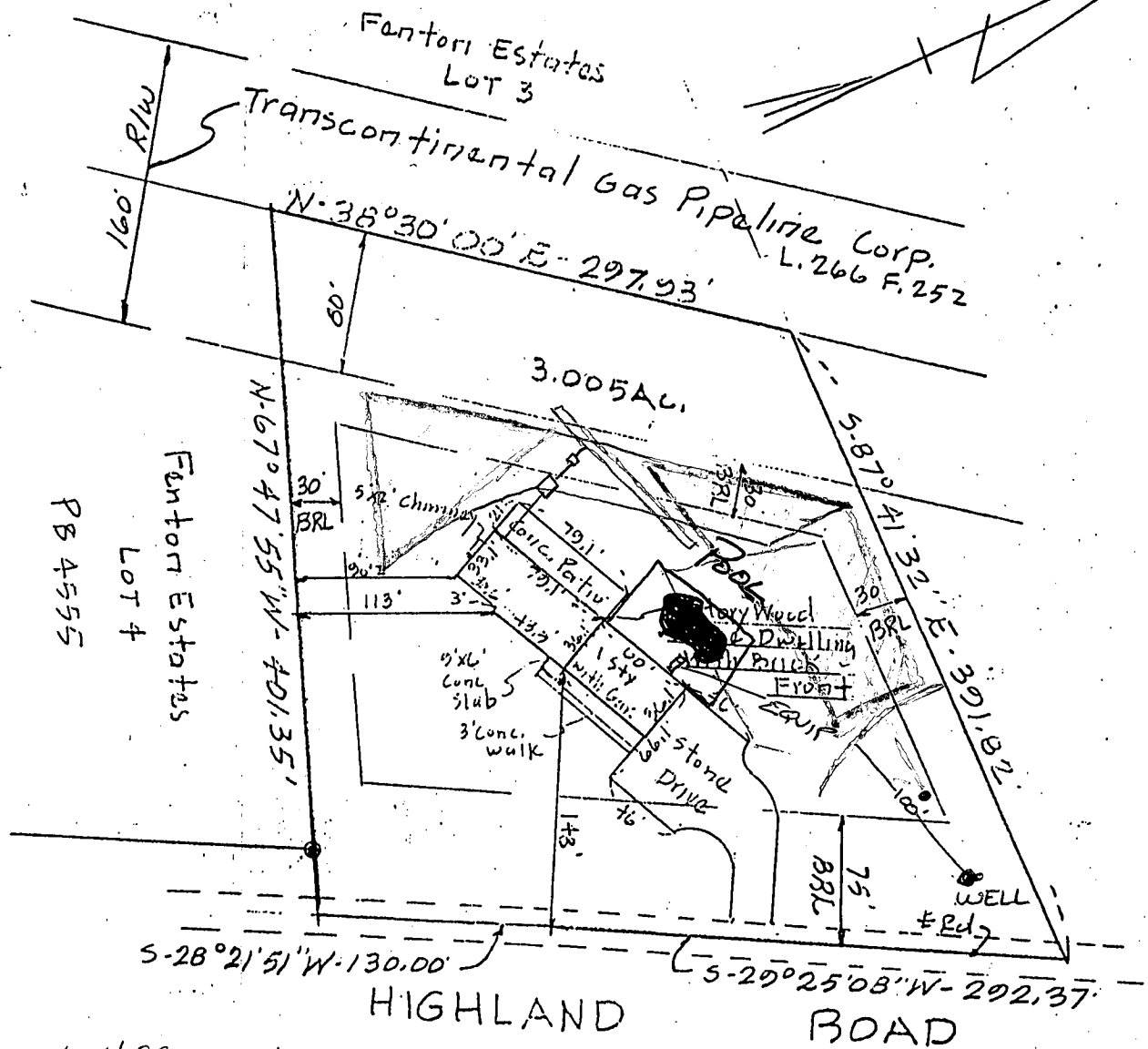
Fantott Estates
 LOT 4
 PB 4555

3/24/99
 shown deck
 location will have
 no impact to the existing
 well and/or septic

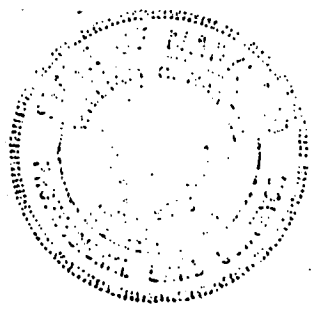
Arc Miller



TITLE LOCATION SURVEY					THIS IS TO CERTIFY THAT WE HAVE CONDUCTED A LOCATION SURVEY OF THE IMPROVEMENTS AND THAT THEY ARE LOCATED AS SHOWN HEREON.				
PROJECT 14005 HIGHLAND ROAD					SIGNATURE <i>William H. Hertel</i>				
LOCATION 5 TH ELECTION DISTRICT, HOWARD CO., MD.					REG. NO. 9436 DATE 1-31-89				
FIELD BOOK 44-	PAGE NO. 50	DRAWN BY: BH	CHECKED BY —	DATE: 1-31-89	boender associates inc. consulting engineers land surveyors land planners COURT HOUSE SQUARE • ELLICOTT CITY, MD. 21043 (301) 465-7777				
SCALE: 1" = 100'			JOB NO.: 8397						
THE INFORMATION ON THIS PLAT SHOWS ONLY THAT THE IMPROVEMENTS INDICATED HEREON ARE CONTAINED WITHIN THE CONFINES OF THE LOT UPON WHICH THEY ARE ERECTED. THIS PLAT IS NOT TO BE CONSTRUED AS, OR USED FOR THE ESTABLISHMENT OF PROPERTY LINES.									



8/24/99
 Shown pool location
 will have no impact to
 existing well & septic
 Future repairs possible
 in shaded areas on
 this paper



To Rich Decelle

TITLE

LOCATION SURVEY

THIS IS TO CERTIFY THAT WE HAVE CONDUCTED
 A LOCATION SURVEY OF THE IMPROVEMENTS
 AND THAT THEY ARE LOCATED AS SHOWN