

04-346505

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

BUREAU OF ENVIRONMENTAL HEALTH

461-9933

INDEXED

P 43701

A 38355

DISTRICT

DATE

DATE SYSTEM APPROVED

INSPECTOR

C. C. Cissel

IS PERMITTED TO INSTALL ☒ ALTER

ADDRESS 14079 Brighton Dam Road, Clarksville, Maryland PHONE 854-2006

SUBDIVISION Glenwood Springs ROAD 2811 Saddlebred Court LOT 8

PROPERTY OWNER Dayhoff Construction Company Docal

ADDRESS

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

GARBAGE GRINDER? YES NO ☒

SEPTIC TANK CAPACITY 1250 GALLONS NUMBER OF BEDROOMS 4

TRENCHES - 190 sq. ft. per bedroom. Trench to be 3 feet wide. Inlet 4.0 feet below original grade. Bottom maximum depth 5½ feet below original grade. Effective area begins at 4.0 feet below original grade. 1.5 feet of stone below distribution pipe.

LOCATION - SHALLOW SYSTEM ONLY. Beginning from the left front lot corner, place the distribution box 280 feet down the left (445') lot line and 75 feet off the left line as seen when facing property from Saddlebred Court. Run trenches along contour towards the left and right lot lines.

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

PLANS APPROVED BY Sid Abel DATE 8/09/88

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(IES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(IES)

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

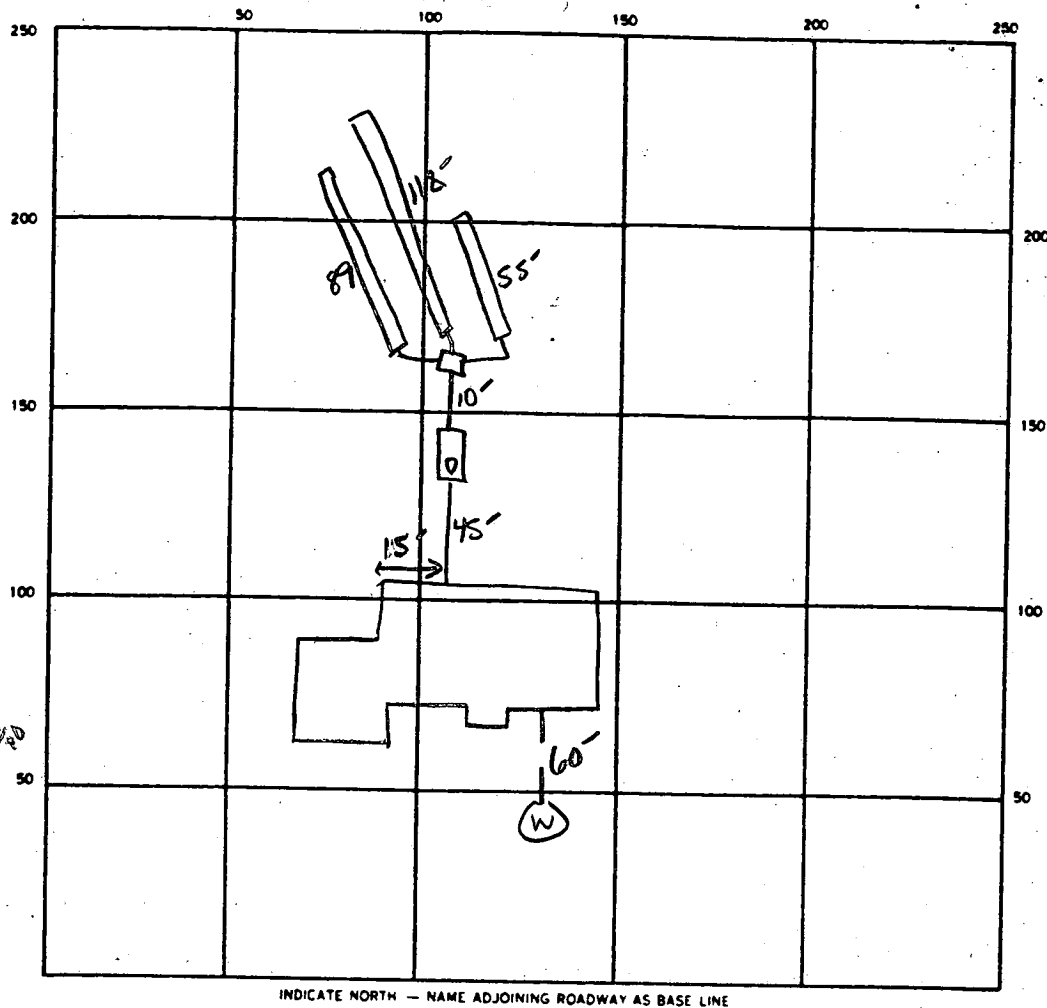
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

BLDG. PERMIT SIGNED
AND RETURNED 11/26/96

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.



256

SEPTIC TANK LEVEL ✓ 1500 GAL CLEANOUTS ✓

DISTRIBUTION BOX. LEVEL ✓

DRAIN FIELD/TILE FIELD DEPTH 5.5 FT. TRENCH WIDTH 3 FT. INLET DEPTH 4 FT.

EFFECTIVE GRAVEL DEPTH 1.5 FT. TOTAL LENGTH ^①89 ^②118 ^③55 FT. TLF252

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 786 SQ. FT.

DRYWELL INSIDE DIAMETER _____ FT EFFECTIVE DEPTH BELOW INLET _____ FT

ABSORBENT AREA 786 SQ. FT.

REMARKS 3-3-89- OK TO COVER ALL WORK

DATE SYSTEM APPROVED 5-3-89

INSPECTOR S. Abel

APPLICATION

PERCOLATION TESTING

A 38353

P _____

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

DISTRICT _____

DATE 10-14-86

*1/24/87
perc OK'd
approved
[Signature]*

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 DAYHOFF CONST. CO.

ADDRESS _____ PHONE _____

PROSPECTIVE BUYER Ronald Carter

ADDRESS 8388 Court Ave., Ellicott City, Md. 21043 PHONE 461-2855

PROPERTY LOCATION:

SUBDIVISION Hakes Property LOT NO. Eight Prelim.

ROAD AND DESCRIPTION Hobbs Road 2811 SADDLESRED CT. OK 4/29/87

TAX MAP 14 PARCEL # 83,87,202

SIZE OF LOT 3+ acres TYPE BLDG. SFD
(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.

Ronald P. Carter
(SIGNATURE OF APPLICANT)

APPROVED BY Sid Abel FOR Shallow drain field DATE 6-14-88

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING for field location holes & sub: plan
SHALLOW SYSTEM PREFERRED

BLDG. PERMIT SIGNED
AND RETURNED 8/9/88 BP 1299
SM

THIS IS NOT A PERMIT



chubby/gutty
nest/angel

brown
 Clay
 clay loam
 3/4
 No brown
 m. of
 subg loam
 40% imp
 scattered

REMARKS

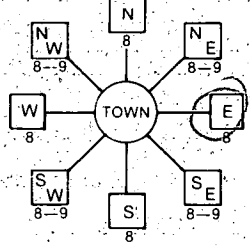

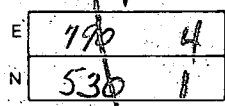
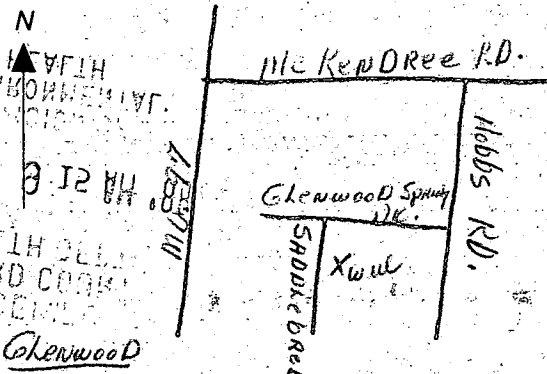
TYPE OF SOIL

TESTED BY

ALSO PRESENT

Pr. Caff. Kaff.

purple brown
Clay / silt
3'
to purple
brown silt
120
3
red / orange
clay / clay
4'
to purple
orange silt
EH-12-1079

B 1 3689 <small>(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)</small>	SEQUENCE NO. (DP USE ONLY)	STATE OF MARYLAND PERMIT TO DRILL WELL please print or type	STATE PERMIT NUMBER 10-811-2693 <small>fill in this form completely</small>
Date Received (APA) 042288		LOCATION OF WELL HOWARD <small>8 COUNTY</small> GLENWOOD SPRINGS <small>23 SUBDIVISION</small> SECTION 44 LOT 8 GLENWOOD <small>52 NEAREST TOWN</small> MILES FROM TOWN (enter 0 if in town) 5 <small>73 76 77 78</small>	
OWNER INFORMATION DAYHOF E JAMES <small>15 Last Name Owner First Name 34</small> 414 HUNTERFORD DR. <small>36 Street or RFD 55</small> ROCKVILLE MD 20850 <small>57 Town 70 State 72 Zip 76</small>		DRILLER INFORMATION Joseph L. Mayne 238 <small>Driller's Name 77 License No. 80</small> Joseph L. Mayne Well Drilling <small>Firm Name</small> 512 RIDGE RD. Mt. Airy 21771 <small>Address</small> Joseph L. Mayne 4/14/88 <small>Signature Date</small>	
B 2 WELL INFORMATION APPROX. PUMPING RATE (GAL. PER MIN.) 5 <small>8 12</small> AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500 <small>14 20</small>		B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)  NEAR WHAT ROAD SHOULDER RD. <small>11 30</small> ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  DISTANCE FROM ROAD 58 <small>34 37</small> ENTER FT or MI FF <small>38 39</small>	
USE FOR WATER (CIRCLE APPROPRIATE BOX) <input checked="" type="checkbox"/> HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY) <input type="checkbox"/> FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) <input type="checkbox"/> INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT) <input type="checkbox"/> PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL) <input type="checkbox"/> TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)		NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL HOWARD A 38353 <small>COUNTY NAME COUNTY NO.</small> STATE SIGNATURE BNelson 10/28/88 <small>DATE ISSUED EXP. DATE</small> NORTH GRID 531 000 EAST GRID 0794 000 <small>50 55 57 63</small>	
APPROXIMATE DEPTH OF WELL 200 FEET <small>24 28</small> APPROXIMATE DIAMETER OF WELL 6 INCH <small>NEAREST INCH</small>		SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X SOURCES OF DRILLING WATER 1. Well 2. 3. WRITE THE BOX NUMBER FROM THE MAP HERE  DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION 	
METHOD OF DRILLING (circle one) BORED (or Augered) <input checked="" type="checkbox"/> JETTED <input type="checkbox"/> Jetted & DRIVEN <input type="checkbox"/> AIR-ROTARY <input checked="" type="checkbox"/> AIR-PERCussion <input type="checkbox"/> ROTARY (Hydraulic Rotary) <input type="checkbox"/> CABLE <input type="checkbox"/> REVERSE-ROTARY <input type="checkbox"/> DRIVE-POINT <input type="checkbox"/> other _____		REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX) <input checked="" type="checkbox"/> THIS WELL WILL NOT REPLACE AN EXISTING WELL <input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED <input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY <input type="checkbox"/> THIS WELL WILL DEEPEN 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 _____ <small>54 63</small> FORCE BD WRITE INITIALS PERMIT NO. 10-811-2693 <small>67 68 IN BOX 70 71 72 73 74 75 76 77 78 79</small>			
SPECIAL CONDITIONS			

C 1 7773		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.																																																																																																																																																																																																																																																																																			
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WELL LOG		Not required for driven wells		GROUTING RECORD		yes no		C 3		1 2		PUMPING TEST		HOURS PUMPED (nearest hour)		3		PUMPING RATE (gal. per min. to nearest gal.)		20		11		15		METHOD USED TO MEASURE PUMPING RATE		Bucket		WATER LEVEL (distance from land surface)		BEFORE PUMPING		33		17		20		WHEN PUMPING		39		22		25		TYPE OF PUMP USED (for test)		A air		P piston		T turbine		C centrifugal		R rotary		O other (describe below)		J jet		S submersible																																																																																																																																																																																																																											
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		WELL HAS BEEN GROUTED (Circle Appropriate Box)		TYPE OF GROUTING MATERIAL		CEMENT		BENTONITE CLAY		NO. OF BAGS		NO. OF POUNDS		GALLONS OF WATER		DEPTH OF GROUT SEAL (to nearest foot)		from		ft. to		ft.		TOP		BOTTOM		(enter 0 if from surface)		Casing types		insert appropriate code below		Casing RECORD		STEEL		CO		PL		OT		OTHER		MAIN Casing TYPE		Nominal diameter top (main) casing (nearest inch)		Total depth of main casing (nearest foot)		OTHER CASING (if used) diameter inch		depth (feet) from		to		screen type or open hole		insert appropriate code below		SCREEN RECORD		STEEL		BR		HO		PL		OT		OTHER		DEPTH (nearest ft.)		1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26		27		28		29		30		31		32		33		34		35		36		37		38		39		40		41		42		43		44		45		46		47		48		49		50		51		52		53		54		55		56		57		58		59		60		61		62		63		64		65		66		67		68		69		70		71		72		73		74		75		76		77		78		79		80		81		82		83		84		85		86		87		88		89		90		91		92		93		94		95		96		97		98		99		100	
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CIRCLE APPROPRIATE LETTER		A		A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED				C 2		1 2		PUMPING TEST		HOURS PUMPED (nearest hour)		3		PUMPING RATE (gal. per min. to nearest gal.)		20		11		15		METHOD USED TO MEASURE PUMPING RATE		Bucket		WATER LEVEL (distance from land surface)		BEFORE PUMPING		33		17		20		WHEN PUMPING		39		22		25		TYPE OF PUMP USED (for test)		A air		P piston		T turbine		C centrifugal		R rotary		O other (describe below)		J jet		S submersible																																																																																																																																																																																																																											
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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.								C 2		1 2		PUMPING TEST		HOURS PUMPED (nearest hour)		3		PUMPING RATE (gal. per min. to nearest gal.)		20		11		15		METHOD USED TO MEASURE PUMPING RATE		Bucket		WATER LEVEL (distance from land surface)		BEFORE PUMPING		33		17		20		WHEN PUMPING		39		22		25		TYPE OF PUMP USED (for test)		A air		P piston		T turbine		C centrifugal		R rotary		O other (describe below)		J jet		S submersible																																																																																																																																																																																																																											
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SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)								C 2		1 2		PUMPING TEST		HOURS PUMPED (nearest hour)		3		PUMPING RATE (gal. per min. to nearest gal.)		20		11		15		METHOD USED TO MEASURE PUMPING RATE		Bucket		WATER LEVEL (distance from land surface)		BEFORE PUMPING		33		17		20		WHEN PUMPING		39		22		25		TYPE OF PUMP USED (for test)		A air		P piston		T turbine		C centrifugal		R rotary		O other (describe below)		J jet		S submersible																																																																																																																																																																																																																											
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Well Permit No. HO - 81-2693
Location of property (road) SADDLEBARN COURT
Subdivision GLENDWOOD SPRINGS Lot 8 Block Plat Sec.
Well Driller JOSEPH MAYNE Owner DAYHOFF, JAMES E.

Depth of well 36.5'
Distance of measuring point (M.P.) above ground 1 1/2
Static water level (S.W.L.) below M.P. 33'

Time pump started 11:30 Pumping rate 20 cpm
Total time 15 min to reach pumping water level 39 ft. below M.P.

[illegible]



HOWARD COUNTY HEALTH DEPARTMENT

Joyce M. Boyd, M.D., County Health Officer

Reply to: Charles B. Streaker
313-2640 or 313-2641

January 11, 1993

Orlando and Deborah Docal
2811 Saddlebred Court
Glenwood, Maryland 21738

RE: 2811 Saddlebred Court
Glenwood, Maryland

Dear Mr. and Mrs. Docal:

The water samples recently submitted for testing from the above referenced water supply revealed that nitrate-nitrogen was present at a concentration of 10.3 parts per million. COMAR 26.04.04.09 prohibits approval of any water supply with a nitrate-nitrogen level in excess of 10 parts per million.

This department will grant a Permanent Deviation from that regulation if a nitrate removal device is installed that effectively maintains the nitrate-nitrogen contaminant level below the 10 parts per million level requirement. Once this device is installed, it will be necessary for you to comply with the following conditions before a Final Certificate-of-Potability can be issued:

1. Within six months, you must have your water re-tested to insure that the installed nitrate removal system is operating properly. Thereafter, a yearly nitrate analysis is recommended.
2. There must be a continuing service contract with a plumbing contractor or water treatment service company to maintain the efficiency of the nitrate removal device. You must supply this Department with a copy of that contract.
3. If in the future, you decide to sell or rent your home, you must make any potential buyer/tenant aware of the above condition.
4. Within six months, a final bacteriology test free of coliform bacteria must be submitted.

Bureau of Environmental Health
3525-H Ellicott Mills Drive Ellicott City, Maryland 21043-4544
Water and Sewerage, Permits 313-2640 Community Environmental Health 313-2642
Technical Services 313-2644 Director 313-2645 TDD 313-2323

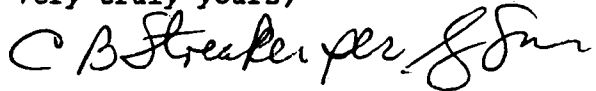
Orlando and Deboral Docal

- 2 -

January 11, 1993

If you have any questions relative to this matter, please call me at 313-2640.

Very truly yours,

A handwritten signature in cursive script, appearing to read "C B Streaker per J. Docal".

Charles B. Streaker, R.S.
Water and Sewerage Program

CBS:hs

cc: Clayton Hemp
John Dreisch

360.99'

2004 July

probable
lowest

27/23/88

field shot elevations
are per corner

of h_{cr} +
? whether house location / distance
to high pressure hole of gravity flow is
possible

SEPTIC / FIELD

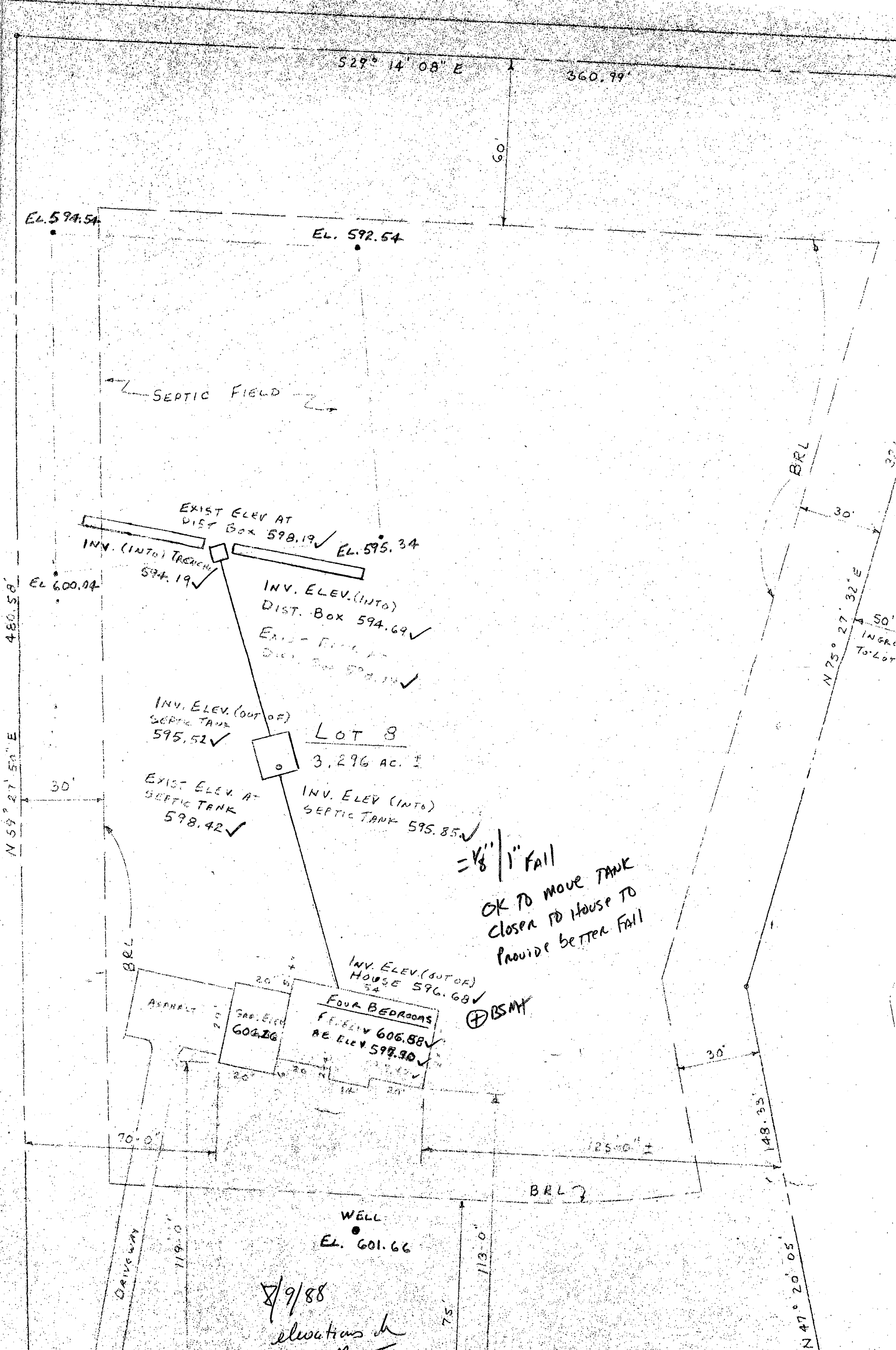
LOT 8

3,296 AC. ±

house location
VS perc ? able

50' EASEMENT
INGRESS & EGRESS
TO LOTS 9 & 10

Scale
 $1'' = 30'$



529° 14' 08" E

360.99'

EL. 594.54

EL. 592.54

SEPTIC FIELD

EXIST ELEV AT DIST BOX 598.19 ✓
EL. 595.34

INV. (INTO) TRENCH 594.19 ✓

INV. ELEV. (INTO) DIST. BOX 594.69 ✓

EXIST ELEV AT DIST BOX 598.19 ✓

INV. ELEV. (OUT OF) SEPTIC TANK 595.52 ✓

LOT 8
3.296 AC. ±

EXIST ELEV. AT SEPTIC TANK 598.42 ✓

INV. ELEV (INTO) SEPTIC TANK 595.85 ✓

= 1/8" / 1" FALL
OK TO MOVE TANK
CLOSER TO HOUSE TO
PROVIDE BETTER FALL

INV. ELEV. (OUT OF) HOUSE 596.68 ✓

ASPHALT

GRASS 604.26

FOUR BEDROOMS
FF ELEV 606.88 ✓
BS ELEV 598.90 ✓

⊕ BSM

WELL
EL. 601.66

8/9/88
elevations in
feet

DRIVEWAY

BRL

N 75° 27' 32" E
50' INGR TO LOT

BRL

N 47° 20' 05"