

9-13-85
Anytime

approved 11/14/86
stayed 20 0

PERMIT

P 35731
35731
A 22349

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
992-2330

09-33803

INDEXED

ELLICOTT CITY

DISTRICT 4th

DATE 7/02/85

L & F Company

IS PERMITTED TO INSTALL X ALTER

ADDRESS 10688 Scaggsville Road, Laurel, Maryland PHONE 725-3392

SUBDIVISION Gwenlee Estates ROAD 3186 Sharp Road LOT 30

PROPERTY OWNER Mr. & Mrs. Richard Durant

ADDRESS

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

GARBAGE GRINDER? YES NO X

SEPTIC TANK CAPACITY 1500 GALLONS NUMBER OF BEDROOMS 5

SFD
BP#61320

DRYWELL AND TRENCH SYSTEM to have 150 sq. ft. effective sideall absorption area per bedroom to begin below the first 3 1/2 feet of non-porous soil. Maximum depth permitted for drywell is 10 feet below original grade. Place the drywell 30 feet from the right sideline and 30 feet from the front lot line as seen when facing the property from Sharp Road. Start the trench after a 5 foot earth buffer with the drywell and proceed to dig it on level ground the necessary distance. NOTE: Call for inspection of trench before and after gravel is installed.

PLANS APPROVED BY Frank Skinner DATE 12/16/84

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.

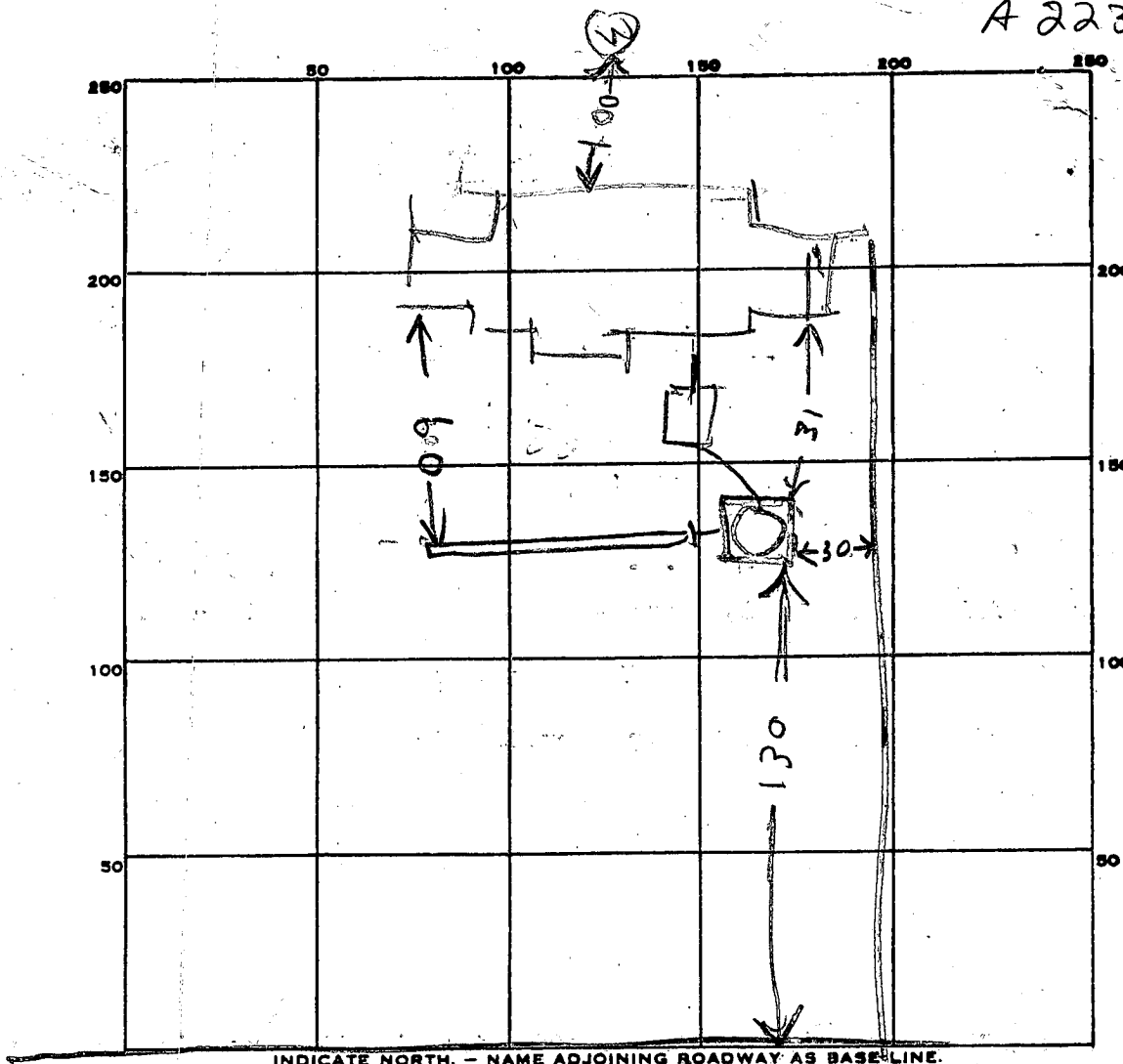
***INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APROVAL ON THIS PERMIT**

*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082

A
22349
A 35731

A 22349



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

SHARP RD

PERMIT CARD 1169

SEPTIC TANK, LEVEL 2000

CLEANOUTS ST NO NO DW NO

DISTRIBUTION BOX, LEVEL _____

TRENCH? 9.5 FT. TRENCH WIDTH 2 FT.

GRAVEL DEPTH _____ IN. TOTAL LENGTH 58 FT.

NUMBER OF TRENCHES 1 TOTAL BOTTOM AREA _____

SEEPAGE PITS, INSIDE DIAMETER PERIMETER 57 FT. DEPTH BELOW INLET 10? FT.

ABSORBENT AREA _____ SQ. FT.

REMARKS 9/10/85 - DRY WELL & TANK INSTALLED BUT
NOT HOOKED UP. 9/13/85 ADD STONE TO TRENCH
& PUT CLEANOUT ON TANK & DRY WELL, UNCOVER
DRY WELL INLET & PART OF HOUSE SEWER NEAR HOUSE
& CALL RH / House connection OK 1-14-86

DATE SYSTEM APPROVED 1/14/86 INSPECTOR Stamps

4-13' Lateral
w/ 10,000 ft.

APPLICATION

A 22349

P.

Preliminary

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT 3 B.R.
ENVIRONMENTAL HEALTH SERVICES 1000 gal. septical
P. O. BOX 476, ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 465-5000, EXT. 356

4 B.R. DISTRICT 4
1250 gal. septical
DATE 10/21/75

150 SQ. FT. effective sidewall absorption area per bedroom to begin below the first 3 1/2 ft. of non-porous soil. Maximum depth permitted for drywell is 10 ft. below original grade. Place the drywell 10 ft. from the right side line and 2 1/2 ft. from the front lot line as seen when facing the property from Sharp Road. Start the trench after a 5 foot earth buffer with the drywell and proceed to dig it on level ground the necessary distance.
Note: Call for inspection of trench before gravel is installed.

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 W. L. Boring Richard H. Durant

ADDRESS 6385 Looking Glass Lane (work #202-272-0445)
Burntwoods Road, Glenwood, Maryland
Columbia Md. 21045
Any questions call: John Schneider
465-7777

PROPERTY LOCATION:
SUBDIVISION Gwenlee Estates LOT NO. 30 Blk. E, Sec. 3
new Lot 27, Area 2

ROAD AND DESCRIPTION 3186 Sharp Road

SIZE OF LOT 51,847.8 sq. ft. TYPE BLDG. 3 or 4
NUMBER OF BEDROOMS
IF NOT SINGLE RESIDENCE DESCRIBE (Single Fmly. Dwllg.)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE.

SIGNATURE OF APPLICANT /s/ W. L. Boring

APPROVED BY Frank Schneider FOR Drywell & trench DATE 1/9/78
(KIND OF SYSTEM)

REJECTED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING This may be recorded as Lot 32

BLDG. PERMIT SIGNED
AND RETURNED 10/10/84
Serial # 61320 SF10

THIS IS NOT A PERMIT

C 1 8229	SEQUENCE NO. (WRA USE ONLY)	STATE OF MARYLAND WELL COMPLETION REPORT FILL IN THIS FORM COMPLETELY PLEASE PRINT OR TYPE	THIS REPORT MUST BE SUBMITTED WITHIN 30 DAYS AFTER WELL IS COMPLETED
DATE RECEIVED (WRA USE ONLY) 4/28/81		DATE WELL COMPLETED	PERMIT NO. FROM "PERMIT TO DRILL WELL" H0-73-3857
OWNER last name Durant		first name Richard H.	COUNTY NUMBER A 22349

STREET OR RFD Sharp Rd.	TOWN Glenelg	
SUBDIVISION Gwenlee Estates	SECTION 3 area 2	LOT 27

DESCRIPTION (Use additional sheets if needed)	FEET		Check if water bearing
	FROM	TO	
TOP SOIL	6	2	
SHALED	2	10	
BROWN SLATE	10	35	
SAND STONE	35	65	
BROWN SLATE	65	70	✓
MICA	70	90	
SAND STONE	90	95	✓
MICA	95	160	

WELL HAS BEEN GROUTED (Circle Appropriate Box)	
YES <input checked="" type="checkbox"/> Y	NO <input type="checkbox"/> N
TYPE OF GROUTING MATERIAL	
CEMENT <input checked="" type="checkbox"/> CM	BENTONITE CLAY <input type="checkbox"/> BC
NO. OF BAGS 10	NO. OF POUNDS 1000
GALLONS OF WATER 50	
DEPTH OF GROUT SEAL (to nearest foot)	
from 48 TOP 0 ft.	to 54 BOTTOM 41 ft.

CASING RECORD			
casing types insert appropriate code below	<input checked="" type="checkbox"/> ST STEEL	<input type="checkbox"/> CO CONCRETE	
	<input type="checkbox"/> PL PLASTIC	<input type="checkbox"/> OT OTHER	
	MAIN CASING TYPE		
	Nominal diameter top(main) casing (nearest inch)	Total depth of main casing (nearest foot)	
<input checked="" type="checkbox"/> S	<input checked="" type="checkbox"/> T	6	46

EACH CASING	OTHER CASING (if used)	
	diameter inch	depth (feet) from to
<input type="checkbox"/>		
<input type="checkbox"/>		

SCREEN RECORD			
screen type or openhole insert appropriate code below	<input checked="" type="checkbox"/> ST STEEL	<input type="checkbox"/> BR BRASS	<input type="checkbox"/> HO OPEN HOLE
	<input type="checkbox"/> PL PLASTIC	<input type="checkbox"/> OT OTHER	
	TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX - SEE ABOVE: (A, C, J, P, R, S, T, O))		
	CAPACITY: GALLONS PER MINUTE (to nearest gallon)		

EACH SCREEN	DEPTH (nearest ft.)		
	110	44	160
	SLOT SIZE		
	DIAMETER OF SCREEN (NEAREST INCH)		

GRAVEL PACK	IF WELL DRILLED WAS FLOWING WELL CIRCLE BOX <input type="checkbox"/> F
WRA USE ONLY (NOT TO BE FILLED IN BY DRILLER)	
T (E.R.O.S.)	W Q
70 <input type="checkbox"/> TELESCOPE CASING	72 <input type="checkbox"/> LOG INDICATOR

DRILLERS IDENT. NO. 40	DRILLERS SIGNATURE
MUST MATCH SIGNATURE ON APPLICATION	
SITE SUPERVISOR (sign of driller or journeyman responsible for sitework if different from permittee)	

PUMPING TEST		
HOURS PUMPED (nearest hour)	2	
PUMPING RATE (gal. per min. to nearest gal.)		
METHOD USED TO MEASURE PUMPING RATE BUCKET		
WATER LEVEL (distance from land surface)		
BEFORE PUMPING	40	
WHEN PUMPING	160	
TYPE OF PUMP USED (for test)		
<input checked="" type="checkbox"/> A air	<input type="checkbox"/> P piston	<input type="checkbox"/> T turbine
<input type="checkbox"/> C centrifugal	<input type="checkbox"/> R rotary	<input type="checkbox"/> O other (describe below)
<input type="checkbox"/> J jet	<input type="checkbox"/> S submersible	

PUMP INSTALLED	
DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX)	YES <input type="checkbox"/> Y NO <input checked="" type="checkbox"/> N
IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE	
TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX - SEE ABOVE: (A, C, J, P, R, S, T, O))	
CAPACITY: GALLONS PER MINUTE (to nearest gallon)	
PUMP HORSE POWER	
PUMP COLUMN LENGTH (nearest ft.)	
CASING HEIGHT (circle appropriate box and enter casing height)	
<input checked="" type="checkbox"/> + above	LAND SURFACE
<input type="checkbox"/> - below	2 (nearest foot)

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)	
10' WELL	
150'	
SHARP RD.	

C 1	3372	SEQUENCE NO. (WRA USE ONLY)	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
1 2 3 (SEQ. NO.) 6 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)		FILL IN THIS FORM COMPLETELY			
DATE RECEIVED (WRA USE ONLY)		DEPTH OF WELL		PERMIT NO. FROM "PERMIT TO DRILL WELL"	
3/27/79 DATE WELL COMPLETED		60 (TO NEAREST FOOT)		28 29 30 31 32 33 34 35 36 37	
8-13 15 20		22 26		DRILLERS IDENTIFICATION NO. 40	
OWNER: <u>Leanne R. Brown</u> LAST NAME			FIRST NAME		
STREET OR RFD: <u>2917 Woodman Ct.</u>			POST OFFICE: <u>Forest Hill, Md.</u>		

WELL LOG			GROUTING RECORD			PUMPING TEST		
STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER-BEARING			WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX) <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO			1 2 3 (SEQ. NO.) 6		
DESCRIPTION (USE ADDITIONAL SHEETS IF NECESSARY)			TYPE OF GROUTING MATERIAL (CIRCLE APPROPRIATE BOX) CEMENT <input checked="" type="checkbox"/> BENTONITE CLAY <input type="checkbox"/>			PUMPING TEST		
FEET FROM TO CHECK IF WATER BEARING			NO. OF BAGS 5 NO. OF POUNDS 500			HOURS PUMPED (TO NEAREST HOUR) 8 9		
Top soil 0 3			GALLONS OF WATER 25			PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON) 11 15		
Silt 3 20			DEPTH OF GROUT SEAL (TO NEAREST FOOT)			METHOD USED TO MEASURE PUMPING RATE <u>Indirect</u>		
Shale 20 40			FROM 0 FT. TO 20 FT. (ENTER 0 IF FROM SURFACE)			WATER LEVEL: (DISTANCE FROM LAND SURFACE)		
Gravel 40 60			Casing Record			BEFORE PUMPING 17 20 (NEAREST FOOT)		
			Casing Types: INSERT APPROPRIATE CODE BELOW STEEL <input type="checkbox"/> CONCRETE <input type="checkbox"/> PLASTIC <input type="checkbox"/> OTHER <input type="checkbox"/>			WHEN PUMPING 22 25 (NEAREST FOOT)		
			MAIN CASING TYPE 57 NOMINAL DIAMETER TOP (MAIN) CASING (NEAREST INCH) 60 TOTAL DEPTH OF MAIN CASING (NEAREST FOOT) 60			TYPE OF PUMPED USED (CIRCLE APPROPRIATE BOX) (FOR PUMPING TEST) A AIR 27 P PISTON 27 T TURBINE 27 C CENTRIFUGAL 27 R ROTARY 27 O OTHER (DESCRIBE BELOW) 27 J JET 27 S SUBMERSIBLE 27		
			OTHER CASING (IF USED) DIAMETER (INCH) FROM TO			PUMP INSTALLED		
			SCREEN TYPE OR OPEN HOLE: INSERT APPROPRIATE CODE BELOW STEEL <input type="checkbox"/> BRASS OR BRONZE <input type="checkbox"/> OPEN HOLE <input type="checkbox"/> PLASTIC <input type="checkbox"/> OTHER <input type="checkbox"/>			TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX - SEE ABOVE: A, C, J, P, R, S, T, O) 29		
			SCREEN RECORD			DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX) YES <input type="checkbox"/> NO <input type="checkbox"/>		
			1 2 3 (SEQ. NO.) 6			CAPACITY: GALLONS PER MINUTE (TO NEAREST GALLON) 31 35		
			DEPTH (NEAREST WHOLE FOOT) FROM TO			PUMP HORSE POWER 37 41		
			1 110 2 23 3 60			PUMP COLUMN LENGTH (NEAREST FOOT) 43 47		
			2 23 24 26 30 32 36			CASING HEIGHT (CIRCLE APPROPRIATE BOX AND ENTER CASING HEIGHT)		
			3 38 39 41 45 47 51			+ ABOVE } LAND SURFACE 50 51 (NEAREST FOOT) - BELOW }		
			SLOT SIZE 1. 2. 3.			LOCATION OF WELL ON LOT		
			DIAMETER OF SCREEN 56 60 (NEAREST INCH) FROM TO			SHOW PERMANENT STRUCTURE SUCH AS BUILDINGS, SEPTIC TANKS, AND/OR OTHER LAND MARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL).		
			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 LOG INDICATOR 72 OTHER DATA AVAILABLE 74 75 76					

CIRCLE APPROPRIATE BOXES	
<input type="checkbox"/> A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED <input type="checkbox"/> E ELECTRIC LOG OBTAINED <input type="checkbox"/> 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: <u>Charles F. Brown</u>	
SIGNATURE: <u>Charles F. Brown</u>	

HOUSE:

FIRST FLOOR ELEVATION - 581.50
BASEMENT ELEVATION - 572.50
INVERT OUT OF HOUSE - 575.00

SEPTIC TANK:

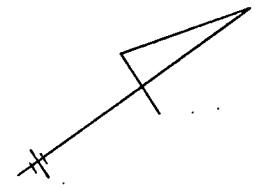
EXISTING GRADE - 578.50
PROPOSED GRADE - 579.00
INVERT INTO TANK - 574.70
INVERT OUT OF TANK - 574.40

DRYWELL:

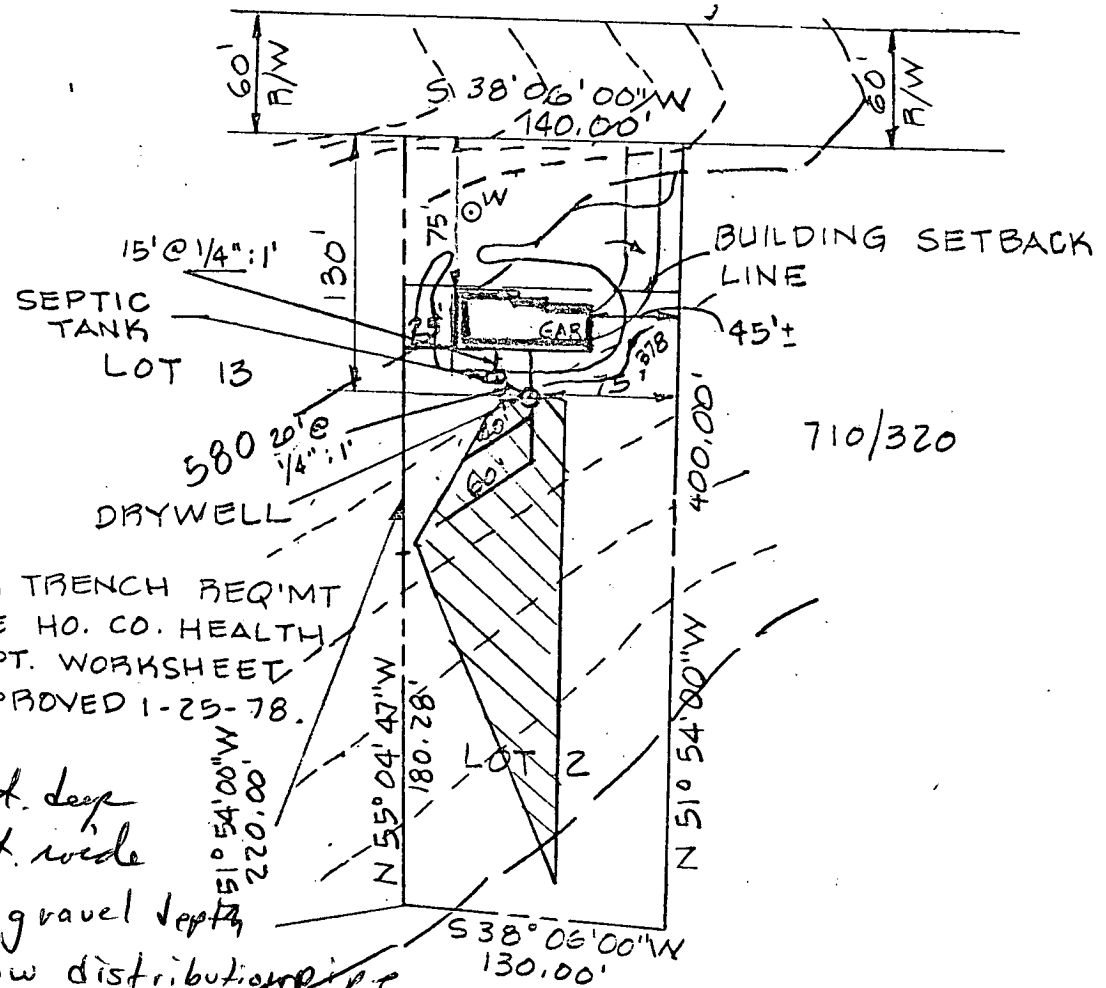
EXISTING GRADE - 578.00
PROPOSED GRADE - 578.00
INVERT INTO DRYWELL - 574.00

WATER WELL:

EXISTING GRADE - 581.50
PROPOSED GRADE - 581.50



SHARP ROAD



FOR TRENCH REQ'MT
SEE HO. CO. HEALTH
DEPT. WORKSHEET
APPROVED 1-25-78.

2/20/79

Trenches 9 ft. deep
2 ft. wide

5 ft gravel depth
below distribution
stop

Sketch O.K.

F. Skinner

Hold for approved well REVERSED JEFFERSON "B"