

12/29/88 pm  
12/30/88 2pm

04-346327

# PERMIT

P 43295  
A 37361

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH DISTRICT \_\_\_\_\_

**HOWARD COUNTY**  
BUREAU OF ENVIRONMENTAL HEALTH  
461-9933

DATE 12/27/88

## INDEXED

DATE SYSTEM APPROVED 12/30/88

INSPECTOR M. Riskin

David Stang & Son

IS PERMITTED TO INSTALL  ALTER \_\_\_\_\_

ADDRESS 2320 Ridge Road PHONE 253-2462

SUBDIVISION Mara Meadows ROAD 3230 Jones Road LOT 6

PROPERTY OWNER Seneca Home Builders, Inc.

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 - 210 sq. ft. per bedroom. Trench to be 3 feet wide. Inlet 3 1/2 feet below original grade. Bottom maximum depth 6 feet below original grade. Effective area begins at 3 1/2 feet below original grade. 2 1/2 feet of stone below distribution pipe.

LOCATION - SHALLOW SYSTEM ONLY. Beginning from the right rear lot corner, place the distribution box 160 feet down the rear (301.68') lot line and 90 feet off the rear line as seen when facing property from Jones Road. Run trenches along contour towards the front (435.0') and rear (301.68') lot lines.

NOTE: MAINTAIN MINIMUM 100' FROM WELL TO SEPTIC.

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

PLANS APPROVED BY Bert Nixon DATE 2/09/88

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 DRAINAGE **BUILDING PERMIT SIGNED**

NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E. TANK, DISTRIBUTION BOX, TRENCHES) TO BE 100 FEET FROM WELL (UNLESS OTHERWISE SPECIFIED) **AND RETURNED**

NOTE: IF DEEP TRENCHES ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCHES) 512605 800 154066 Family Room

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

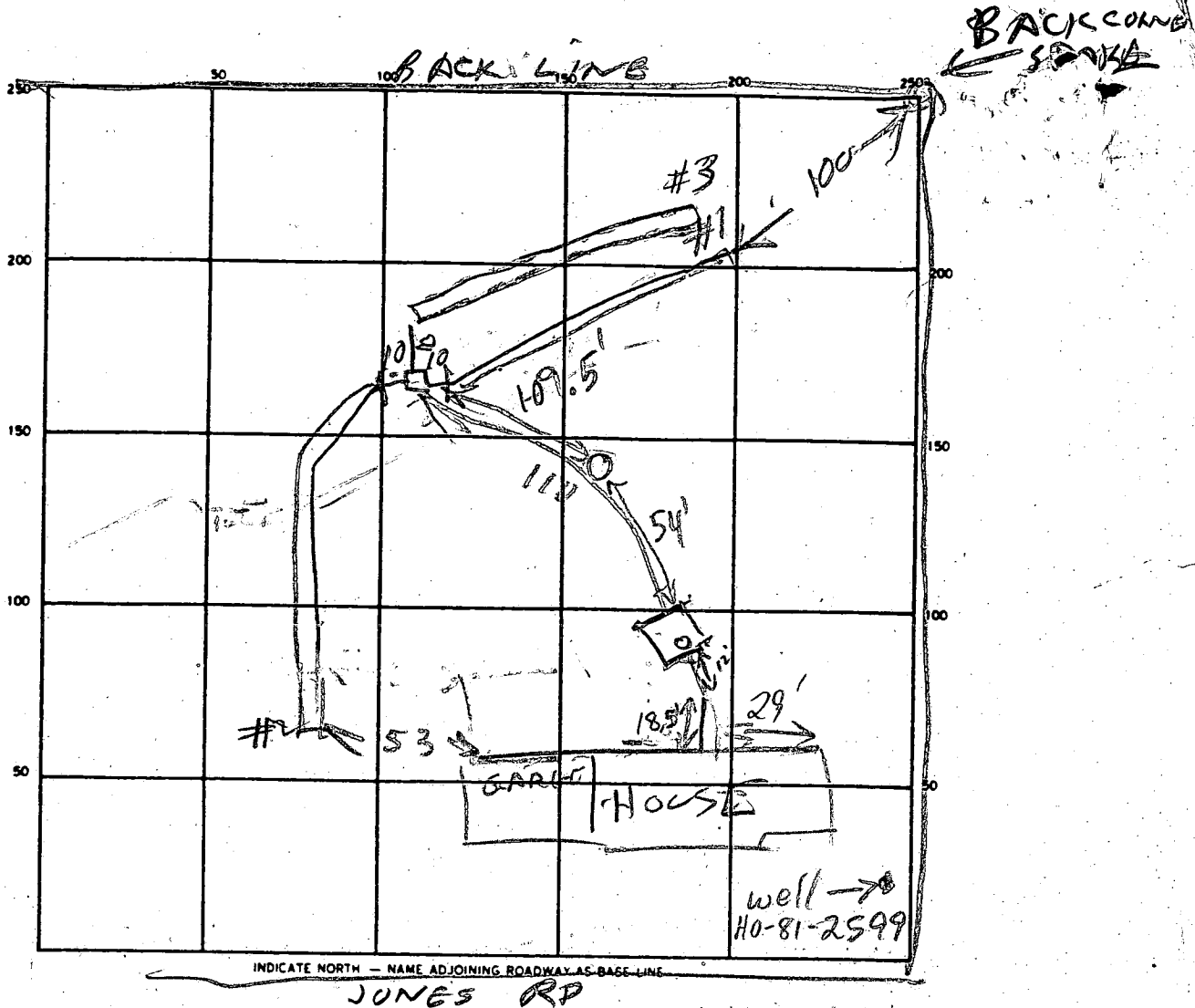
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED

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 37361



SEPTIC TANK LEVEL	OK 1250 (8'x5')	CLEANOUTS	ST OK	SEWER OK	
DISTRIBUTION BOX LEVEL	BAFFLE IN				
DRAIN FIELD/TILE FIELD DEPTH	6 FT	TRENCH WIDTH	3   2   3 3   3   3 FT	INLET DEPTH	1   2   5 3   3   3 FT
EFFECTIVE GRAVEL DEPTH	1   2   3 2   2   2 FT	TOTAL LENGTH	25   95   100 FT		280
NUMBER OF TRENCHES	3	ONE SIDEWALL/BOTTOM AREA		SO FT.	
DRYWELL INSIDE DIAMETER		EFFECTIVE DEPTH BELOW INLET	2 1/2 (all)	FT.	
GRAVEL ABSORBENT AREA	890	SO FT.			

REMARKS 12/29/88 - PUT CLEANOUT BETWEEN TANK & BOX  
 FINISH ADDING STONE TO TRENCHES #1 & 2 DIG TRENCH  
 #3 R/W 12/29/88 - COVER TRENCH #2  
 FINISH DIGGING TRENCHES #3 & EXTEND #2  
 TOTAL LENGTH TO BE 280 FT. ADD STONE TO #2 & #3  
 ALL TRENCHES DUG TO PROPER LENGTH. OK TO COVER ALL WORK. HOUSE CONN. OK MR  
 DATE SYSTEM APPROVED 12/30/88 INSPECTOR MR

3/9/53

MARA MEADOWS - 012  
JONES ROAD

A 37361

SUBDIVISION:

LOT NUMBER: 6

DRY WELL OR DRY WELL AND TRENCH

\_\_\_\_\_ sq. ft./bedroom

	<u>Septic Tank</u>	<u>Minimum Total Square Feet</u>
3 bedroom	1000 gallon	_____
4 bedroom	1250 gallon	_____
5 bedroom	1500 gallon	_____

Inlet \_\_\_\_\_ feet below original grade.  
 Bottom maximum depth \_\_\_\_\_ feet below original grade.  
 Effective area begins at \_\_\_\_\_ feet below original grade.

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

TRENCHES

210  
~~187~~ sq. ft./bedroom

Trench to be 3 wide.  
 Inlet 3 1/2 feet below original grade.  
 Bottom maximum depth 6' feet below original grade.  
 Effective area begins at 3 1/2 feet below original grade.  
2 1/2 feet of stone below distribution pipe.

- NOTE:
- (1) No trench to exceed 100 feet in length.
  - (2) If more than one trench used, a distribution box is required.
  - (3) Trenches to be installed on level ground.
  - (4) Call for inspection of trench before gravel is installed.
  - (5) Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank and drywell.
  - (6) If a garbage disposal is used, increase septic tank capacity by 50% and increase absorbent sidewall area by 22%.

LOCATION: SHALLOW SYSTEM ONLY. BEGINNING FROM THE RIGHT REAR LOT CORNER, PLACE THE DISTRIBUTION BOX 160' DOWN THE REAR (301.68') LOT LINE AND 90' OFF THE REAR LINE AS SEEN WHEN FACING PROPERTY FROM JONES ROAD. RUN TRENCHES ALONG CONTOUR TOWARDS THE FRONT (435.0') AND REAR (301.68') LOT LINES.

NOTE: MAINTAIN MINIMUM 100' FROM WELL TO SEPTIC.

# APPLICATION

PERCOLATION TESTING

A 37631

P \_\_\_\_\_

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

*9/18/86*  
*0210*  
*Handwritten notes and initials*

DISTRICT \_\_\_\_\_

DATE 9/18/86

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 Petty, Wilson E. and Barbara M. Seneca Home Builders Inc

ADDRESS 3908 Bruce Lane, Annandale, VA 22003 PHONE (703) 256-2977  
*3126 Cabin Run Rd (21797)*

PROSPECTIVE BUYER Chaconas, Ted P. and Teresa M.

ADDRESS 19210 New Hampshire Avenue, Brinklow, MD 20862 PHONE (301)924-5192

PROPERTY LOCATION:

SUBDIVISION Mara Meadow LOT NO. 6

ROAD AND DESCRIPTION 3230 Jones Road, between Jennings Chapel and Hipsley Mill Rds.  
open field on north side of road

TAX MAP 20 PARCEL # 43

SIZE OF LOT 3 acres TYPE BLDG. single family  
(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.

Teresa Chaconas 9-8-86  
(SIGNATURE OF APPLICANT)

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING for certified hole location

BLDG. PERMIT SIGNED  
AND RETURNED 10/29/86  
By #22107  
DFL

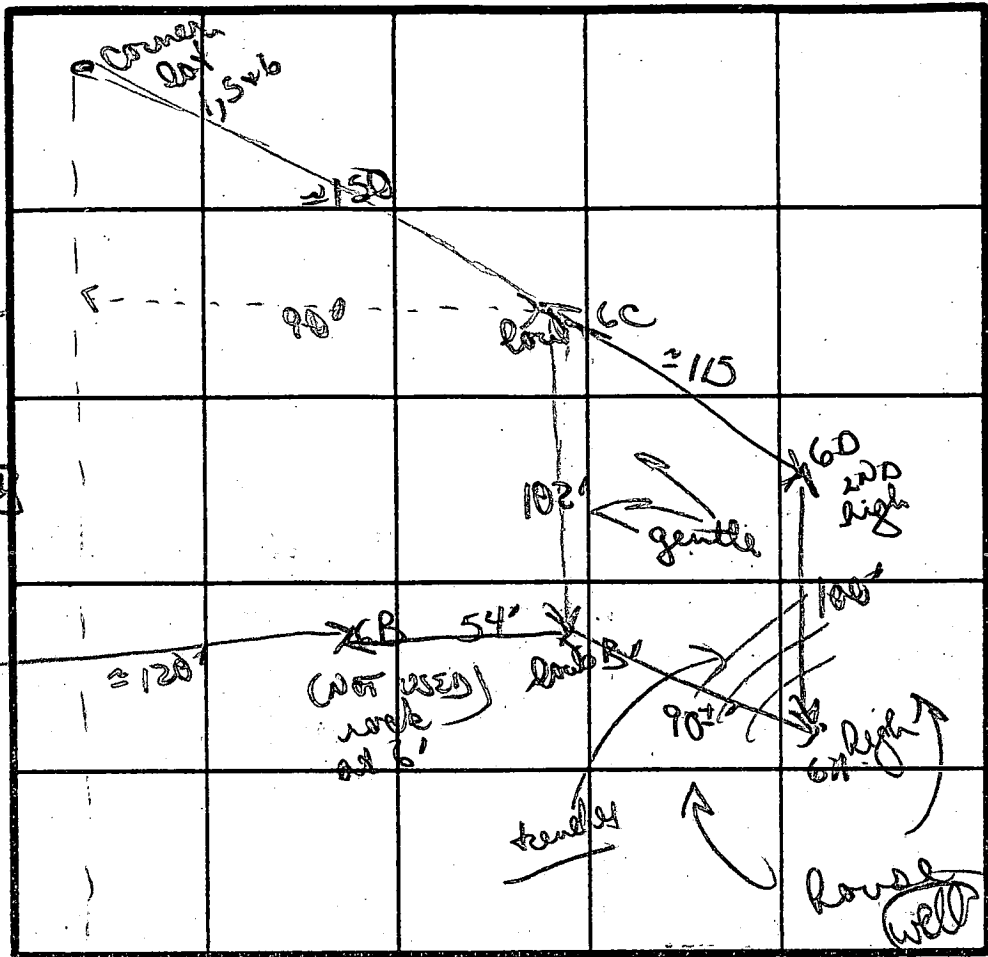
# THIS IS NOT A PERMIT

6B'  
SOIL PROFILE

orange clay  
to clay loam

4' quick  
change to  
purple silty  
loam  
with 15-20%  
layers of  
structure  
fragments

12'D



6C

silty gritty  
purple/tan  
loam

↓ fairly  
uniform

w/ 25%  
weathered  
material

↓

12'D

6A

orange/yellow  
gritty sandy  
clay loam

4'

changing  
to orange/  
gritty loam  
w/ 15-20%  
small struct  
frags

12'D

6D

gritty orange  
brown  
sandy/clay  
loam

2'

quickly  
changing to  
purple silty  
loam with  
5% to 20%  
small frag

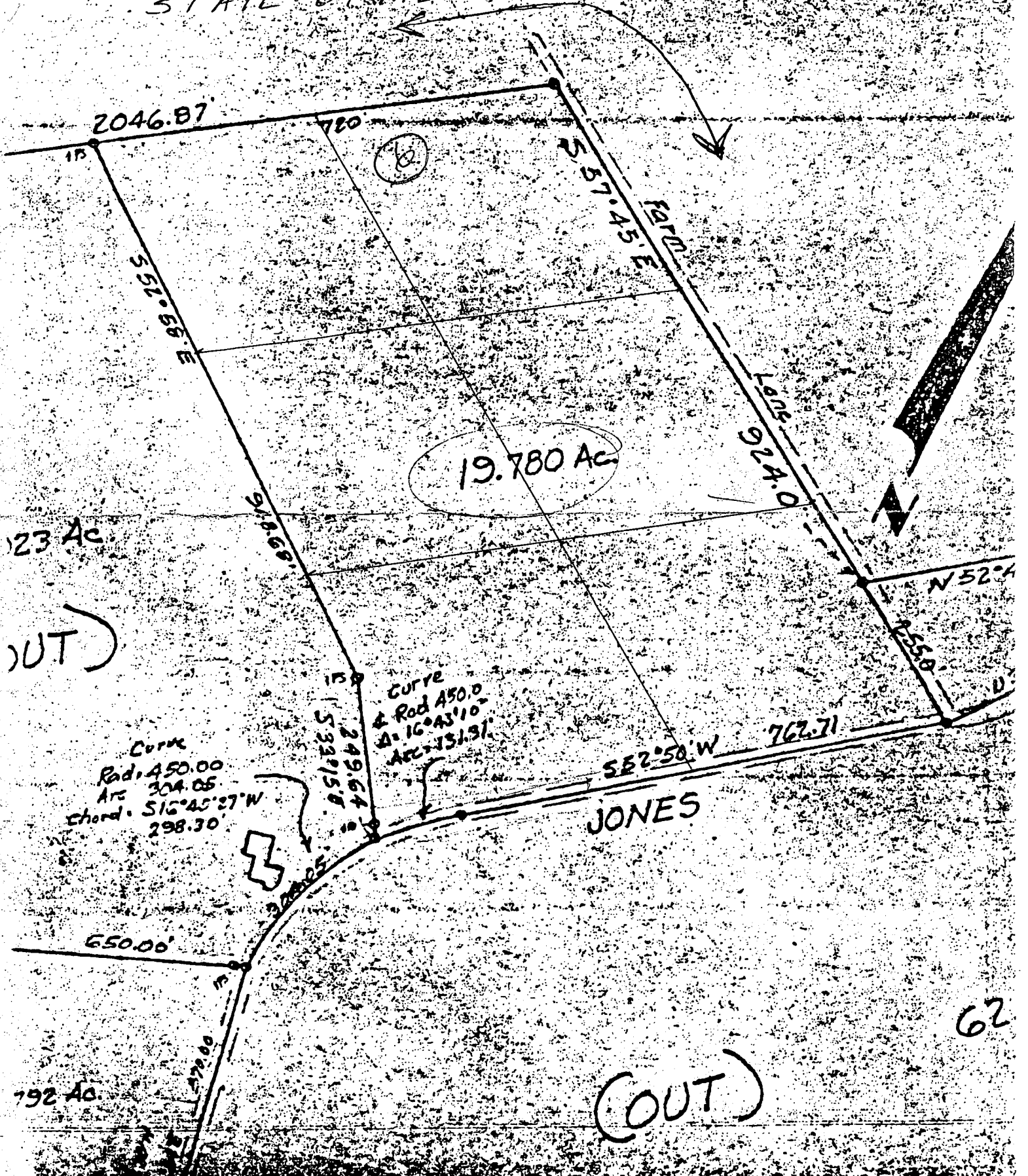
INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
9/17/86	6C	2'S	108	109	109	111	2min	
		12'D	bottom (see profile)					
	6B'	4'S	110	115	115	128	13min	
		12'D	bottom (see profile)					
	6A	3'S	113	115	115	118	3min	
		7 M	113	116	116	119	3min	
		12'D	bottom (see profile)					
	6D	3'S	120	122	122	126	4min	
		11'S	bottom (see profile)					

6D clay to hard bottom at 7'D deep  
perc field adjusted uphill (too much clay)

REMARKS  
TYPE OF SOIL clay/sandy loams; silty loams w/ 5-20% struct frags  
TESTED BY B. N. Yon ALSO PRESENT Skip, TSO

~~Property~~  
STATE OF MD. PARKLAND



2046.87

551.55 E

557.45 E

1095.02 A.O.

19.780 Ac.

123 Ac.

(OUT)

Curve  
Radi 450.00  
Arc 304.05  
Chord S 16° 45' 27" W  
298.30

Curve  
& Rad 450.0  
∠ 16° 43' 10"  
Arc 331.91

S 52° 50' W 762.71

JONES

N 52° A

650.00

792 Ac.

(OUT)

62

LOT 4  
7.7 ± OR  
37 Acres  
PIPESTEM = 0.3847 Ac.

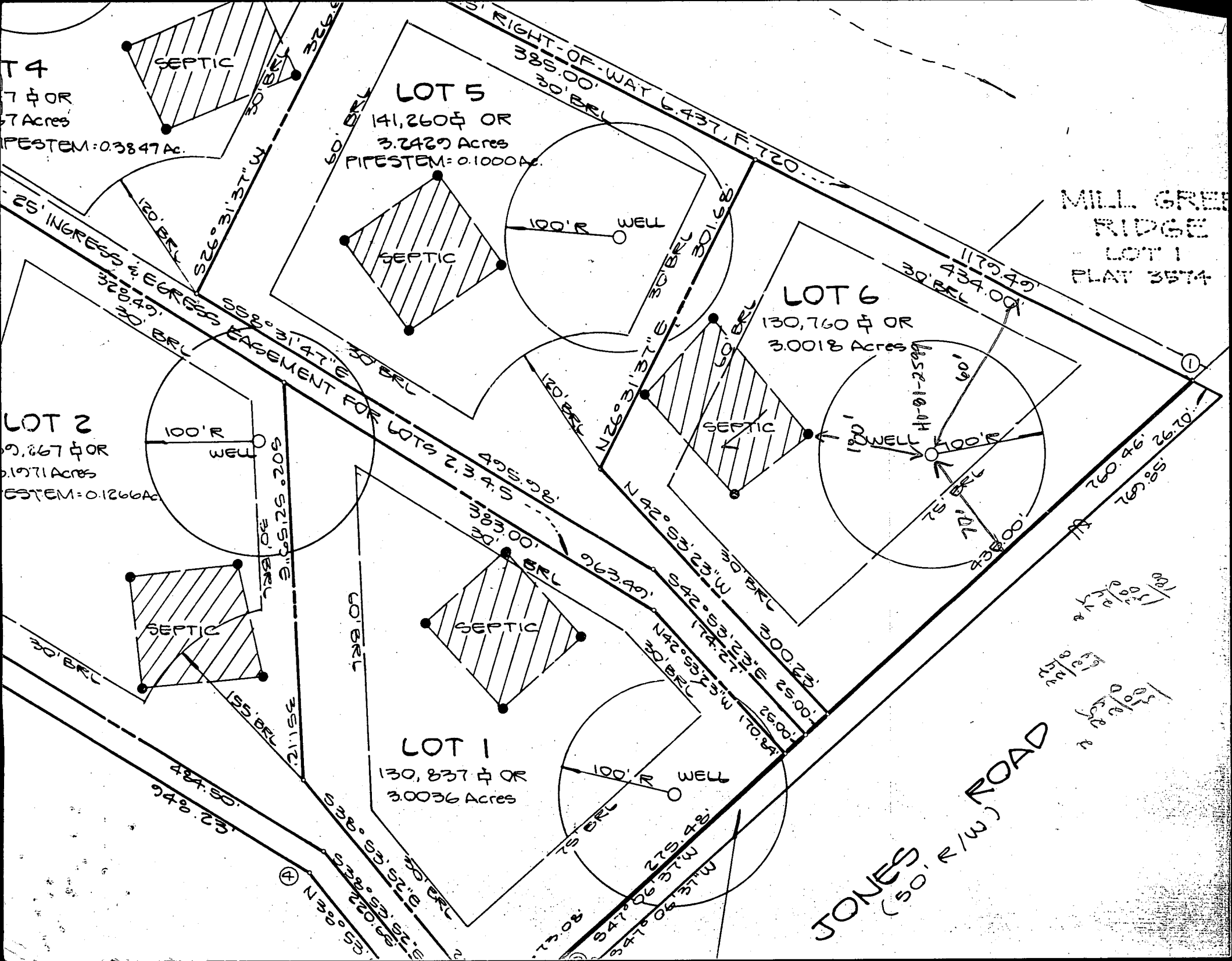
LOT 5  
141,260 ± OR  
3.2429 Acres  
PIPESTEM = 0.1000 Ac.

LOT 6  
130,760 ± OR  
3.0018 Acres

LOT 2  
9,267 ± OR  
0.1971 Acres  
PIPESTEM = 0.1266 Ac.

LOT 1  
130,837 ± OR  
3.0036 Acres

MILL GREEN  
RIDGE  
LOT 1  
PLAT 3574

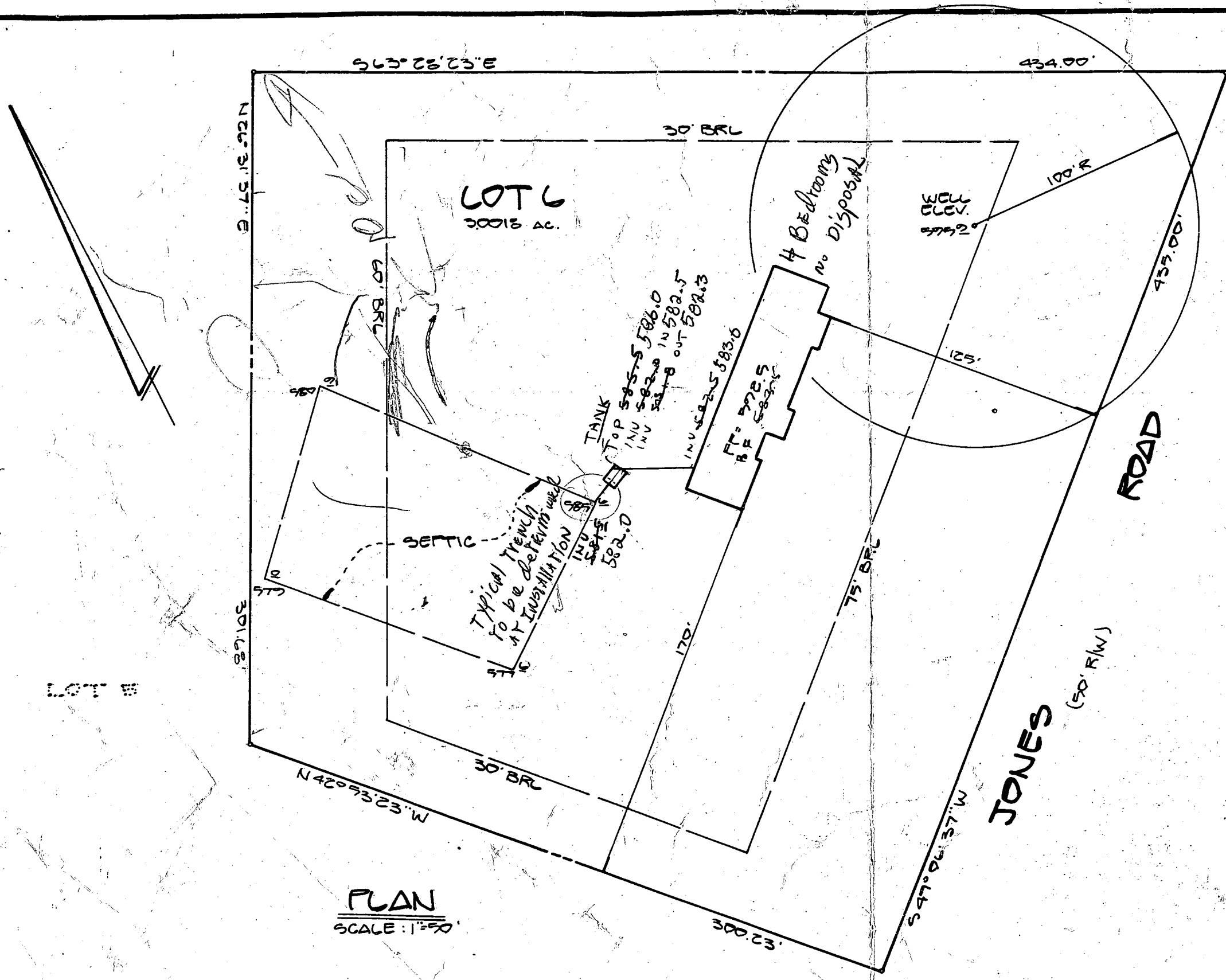


JONES ROAD  
(50' R/W)

1500/1000  
1500/1000  
1500/1000  
1500/1000  
1500/1000  
1500/1000







**PLAN**  
SCALE: 1"=50'

Vincent J. Guehn Oct 24, 1988

SCHECA HOME BLD  
3126 CABIN RUN  
WOODBINE, MD 21797  
854-6985



**DEVELOPMENT  
CONSULTANTS  
GROUP, INC.**

17904 GEORGIA AVENUE \* 102  
OLNEY, MARYLAND 20832  
301-924-4570

LOT 6  
**PETTY PROPERTY**  
4<sup>TH</sup> ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND

DATE OCT 88	Sheet
DRAWN MCH	1
CHECKED JDL	of 1
SCALE 1"=50'	PROJECT NO 21-654







P. 1/30/88  
2 PM

HOWARD COUNTY HEALTH DEPARTMENT  
Bureau of Environmental Health  
3525-H Ellicott Mills Drive  
Ellicott City, MD 21043  
461-9933

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation  Replacement   
Receipt # 43188  
Date 12-7-88  
Name of Installer DAVID U. STANG + SON, INC Telephone 301-926-1462  
License Number 5638  
Certified Well Pump Installer  Well Driller  Registered Plumber   
Name of Property Owner SENECA HOME BUILDERS Telephone 854-6985  
Subdivision MARA MEADOWS Lot # 6 Well Tag # HO-81-2599  
Site Address 3230 JONES RD, WOODBINE, MD 21797

Pump  
1. Type  
a. Deep well jet   
b. Shallow well jet   
c. Submersible   
2. Make Goulds  
3. Model # SES08412  
4. Capacity 7 GPM  
5. Pump exceeds well capacity Yes  No   
6. If Yes, is low pressure cutoff switch installed? Yes  No   
7. What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors  Cable guards  Other   
Motor  
1. Horsepower 3/4  
2. RPM 2480  
3. Voltage 230  
a. 110   
b. 220   
Pitless Adapter  
1. Make MARTINSON  
2. Model #   
3. Depth 42"

Tank  
1. Capacity 82  
2. Pressure relief valve?   
Piping  
1. Type 160 psi  
2. Size 1"  
3. NSF and/or BOCA Code approved   
4. Depth of supply line 42"  
Well data  
1. Depth 225 ft.  
2. Yield 9 GPM  
3. Static water level 4092 ft.  
4. Will water supply be disinfected by installer?

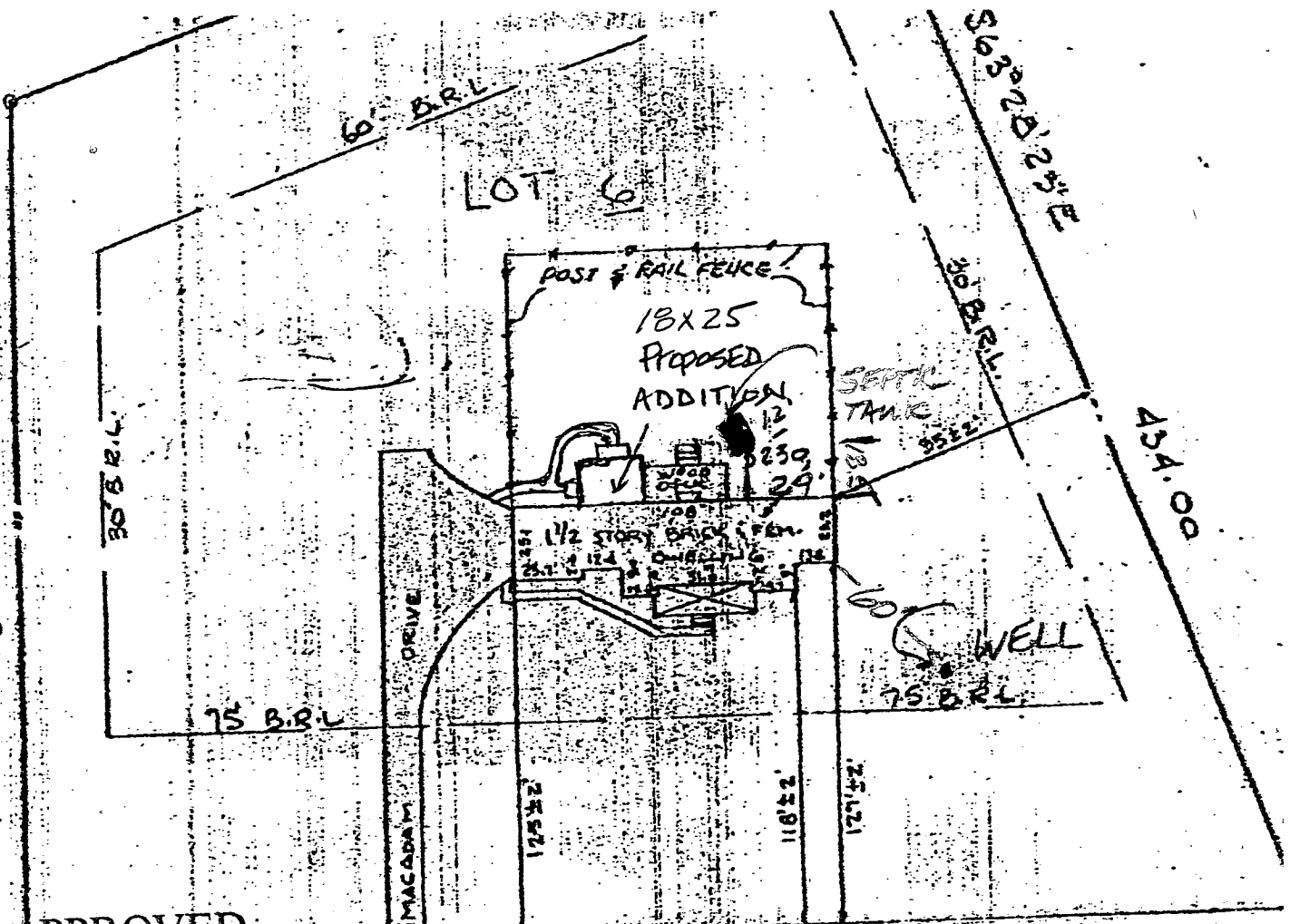
P.A. 3-3 1/2 FT B.C.  
MR 12/30/88 NOT TANK IN YET

I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

All information given above is true to the best of my knowledge.

Signature of Applicant: Kathy C. Stang  
Date: 12-7-88

Note: A sticker indicating approval/status of the installation will be placed on the well casing at the time of the inspection.



APPROVED

WALK-THRU BUILDING PERMIT

BP# BD154066 A# 37361

APP SAN KJB DATE: 5/24/85

DESC. OF WORK: Family Room  
NEW NEW Bedrooms

47°06'37"W 435.00

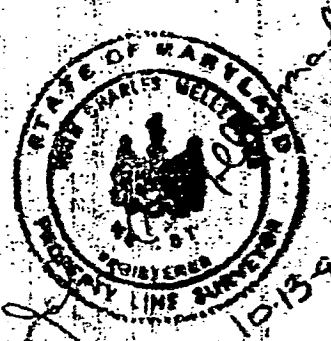
JONES ROAD

NOTE: I, ALSO KNOWN AS LOT 6 AS  
SHOWN ON A PLAT ENTITLED  
"PETTY SUBDIVISION" AND  
RECORDED IN HOWARD CO., MD. ON  
PLAT NO. 7630

CASE NO. 62468 LL

Howard County, Maryland, Parcel # 13 OF US  
County, Maryland, Parcel # 240044 0013 B  
Effective Date: DEC 4, 1986

- 1) The plat is of benefit to a consumer only insofar as it is required by a lender or a title insurance company or its agent in connection with contemplated transfer, financing or re-financing;
- 2) The plat is not to be relied upon for the establishment or location of fences, signs, buildings, or other existing or future improvements;
- 3) The plat does not provide for the accurate identification of property boundary lines, but such identification may not be required for the transaction of title or securing financing or re-financing.



LOCATION DRAWING  
3230 JONES ROAD, HOWARD CO, MARYLAND

JOHN C. MELLENA SR., INC.  
LAND SURVEYORS

2409 EAST DRIVE • BALTIMORE, MARYLAND 21227 • (410)247-7436

SCALE:  
1" = 60'  
DATE:  
10-13-99  
JOB NO:  
99513