

12/11/89

04-346300

File

12/21/89 P.M.  
(a) P.C.O.

12/21/89 10:00 A.M. (2) P.M.

# PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

DISTRICT 4th

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

DATE 12/11/89

INDEXED

DATE SYSTEM APPROVED 12/21/89

INSPECTOR C.B.D.

Olen Ketterman

IS PERMITTED TO INSTALL  ALTER

ADDRESS 14960 Route 144, Woodbine, Maryland 21797 PHONE 442-1336

SUBDIVISION Petty Property ROAD 3242 Jones Road LOT 4

PROPERTY OWNER Ted Chaconas

ADDRESS \_\_\_\_\_

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

GARBAGE GRINDER? YES \_\_\_\_\_ NO

*per Contractor 12/21/C.B.D.*

SEPTIC TANK CAPACITY 1250 GALLONS NUMBER OF BEDROOMS 4

TRENCHES - 180 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 3.5 feet below original grade. Bottom maximum depth ~~7.5~~ feet below original grade. Effective area begins at 3.5 feet below original grade. 4 1/2 feet of stone below distribution pipe.

LOCATION - Start the first trench 65 feet off the front (326.61') lot line and 70 feet off the right (333.49') lot line as seen when facing the lot from Jones Road. Run trenches on contour in both directions.

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 4/27/89

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 TRENCHES ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCHES

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

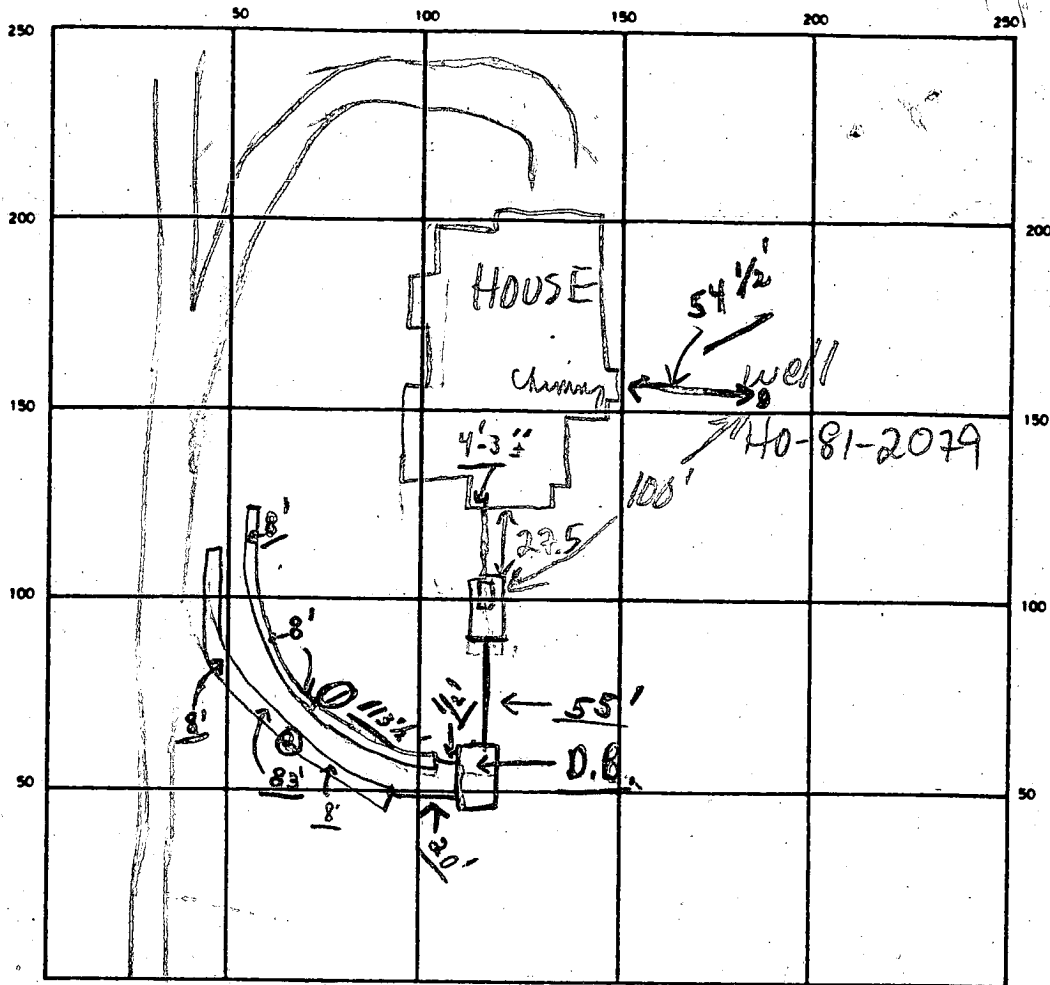
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

\*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

A  
37629



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE  
 JONES RD

SEPTIC TANK LEVEL 1250 GAL-OK CLEANOUTS MANHOLE ON S.T.-OK  
 DISTRIBUTION BOX LEVEL (OK - Baffles in)  
 DRAIN FIELD/TILE FIELD. DEPTH 8<sup>+</sup> FT. TRENCH WIDTH 2 FT. INLET DEPTH 3 1/2 FT.  
 EFFECTIVE GRAVEL DEPTH 4 1/2 FT. TOTAL LENGTH ① 113 1/2' FT.  
 NUMBER OF TRENCHES 2 ONE SIDEWALL AREA 196 1/2' SQ. FT.  
 DRYWELL INSIDE DIAMETER \_\_\_\_\_ FT. EFFECTIVE DEPTH BELOW INLET \_\_\_\_\_ FT.  
 ABSORBENT AREA 884<sup>+</sup> SQ. FT.

REMARKS 12/14/89 OK TO COVER HOUSE TO TANK (16' TO GRADE)  
& CONTINUE MR; A.M. 12/21/89 Pastral, ok for stone in  
① Trench closest to house. ok to cover from house  
to 1' of distribution box only; P.M. 12/21/89 ok to  
cover ① trench & finish = ② trench; 12/21 OK  
TO COVER ALL WORK - FINAL. C. Best

DATE SYSTEM APPROVED 12/21/89 INSPECTOR Charles Byron Stecker

# APPLICATION

PERCOLATION TESTING

A 37650<sup>29</sup>  
P \_\_\_\_\_

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

*9/11/86  
Approved for  
off-site test*

DISTRICT \_\_\_\_\_  
DATE 9/8/86

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. TED CHACONAS  
ADDRESS 3908 Bruce Lane, Annandale, VA 22003 PHONE (703) 256-2977

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 Petty Prop. LOT NO. 24  
ROAD AND DESCRIPTION 3242 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 \_\_\_\_\_

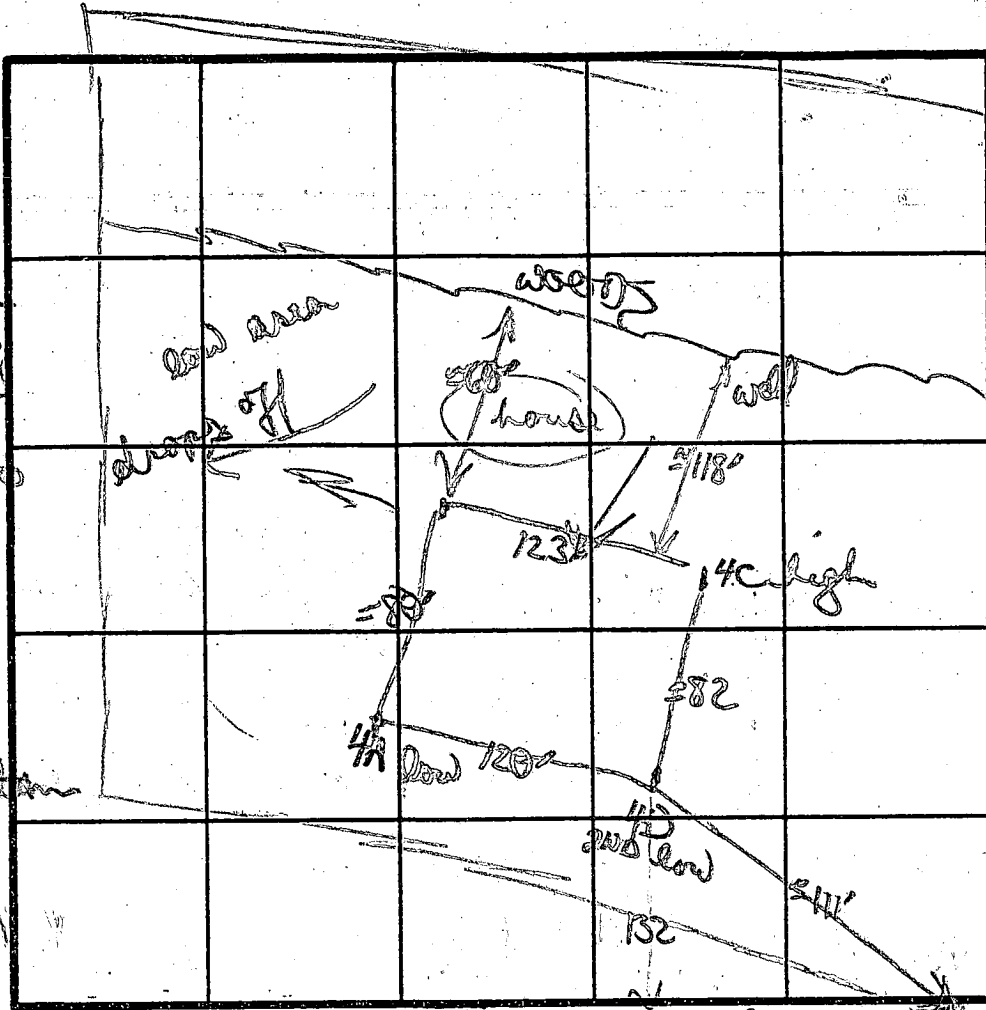
REASONS FOR REJECTION OR HOLDING for certified holes / test

BLDG. PERMIT SIGNED  
AND RETURNED 4-27-88  
6P25240 JK

# THIS IS NOT A PERMIT

4A  
SOIL PROFILE

0  
orange/tan  
silty clay  
loam  
3'  
change to  
powdery  
tan silty  
loam  
w/ < 10%  
small  
frag  
near bottom



4B  
Similar to  
hole A  
with 10-15%  
small frags  
of layered  
eprotyle  
mixed silty  
loam  
11 1/2' D

4D  
yellow clay  
orange clay  
purple  
powdery silty  
loam

< 5%  
small frag  
12 1/2' D  
4C

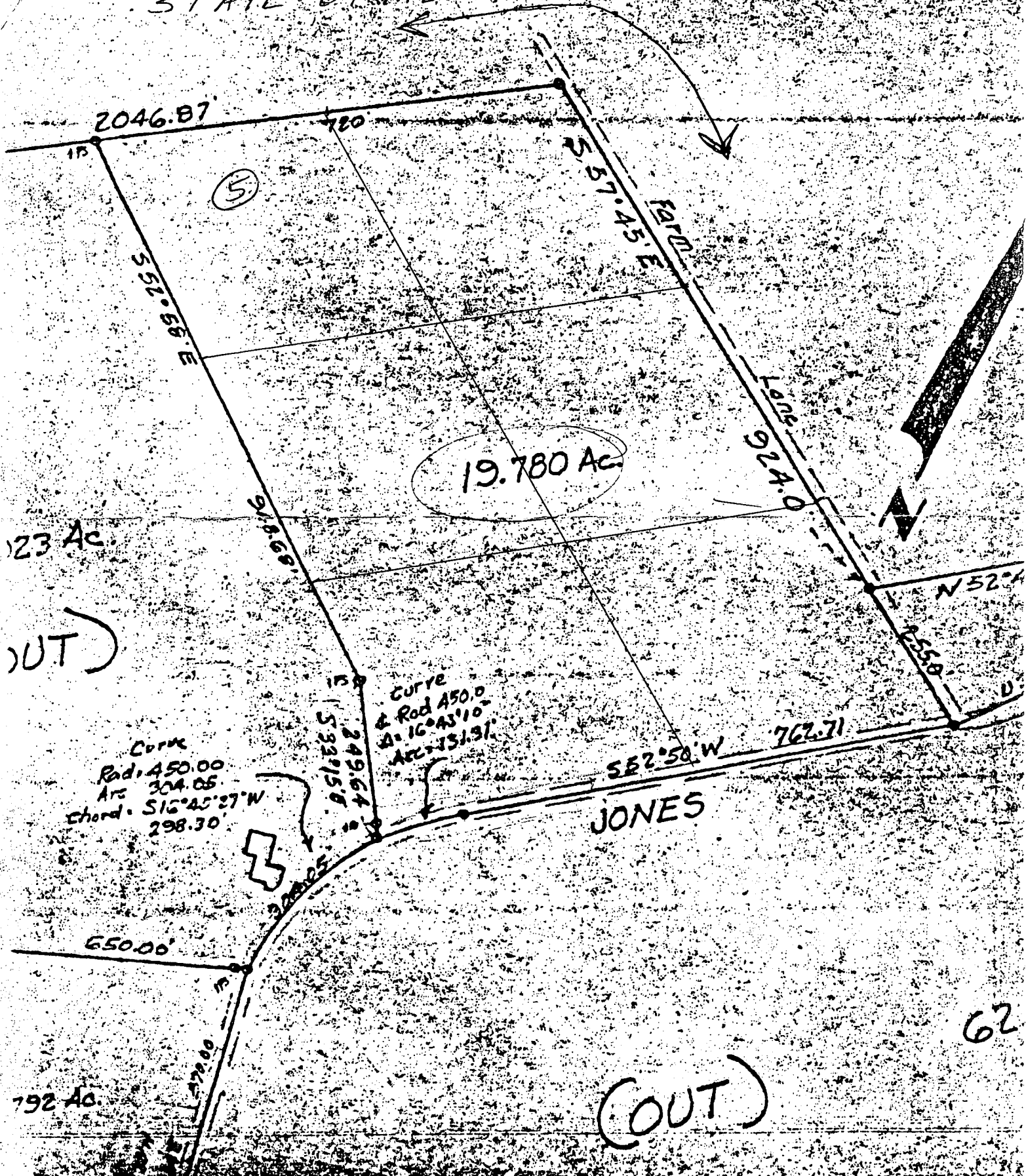
orange/yellish  
brown  
clay to clay  
changing to  
more powdery  
to chunky  
purple  
silty loam  
11 1/2' D

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
9/18/85	4 A	3' 5"	10 <sup>17</sup>	10 <sup>19</sup>	10 <sup>19</sup>	10 <sup>23</sup>	4min	
		11' D	bottom (see profile)					
	4 D	4 1/2' 5"	10 <sup>24</sup>	10 <sup>27</sup>	10 <sup>27</sup>	10 <sup>32</sup>	5min	
		12 1/2' D	bottom (see profile)					
	4 C	5' 5"	10 <sup>34</sup>	10 <sup>35</sup>	10 <sup>35</sup>	10 <sup>37</sup>	2min	
		11 1/2' D	bottom (see profile)					
	4 B	3' 5"	OK					
		6'	VISUAL only					(3-5 min)
		11 1/2' D	see profile					

INLET  
3 1/2'  
MAX 8'  
174060.

REMARKS dug as staked, "clay" layer somewhat variable but soils below uniform  
TYPE OF SOIL silty clay loam - 4 1/2'; purple/tan silty loam  
TESTED BY B. [unclear] ALSO PRESENT Jack

~~STATE OF MD. PARKLAND~~  
STATE OF MD. PARKLAND



123 Ac.  
OUT

Curve  
Rad: 450.00  
Arc: 304.05  
Chord:  $515^\circ 45' 27'' W$   
298.30

Curve  
& Rad 450.0  
 $\Delta: 16^\circ 43' 10''$   
Arc: 131.91

JONES

792 Ac.

(OUT)

62

12/11/89

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

Howard County Health Department  
Bureau of Environmental Health  
3525-H Ellicott Mills Drive  
Court House Square  
Ellicott City, Md. 21043  
461-9933

New Installation   
Replacement

Receipt # 45273  
Date 1/27/89

Name of Installer George Baker

Telephone 788-3080

License number 2214

Certified Well Pump Installer  Well Driller  Registered Plumber

Name of Property Owner Ted Chaconas

Telephone 924-5192

Subdivision Pettys Property Lot # 4 Well tag #           

Site Address 3242 Jones Rd Woodbriar MD

Pump

- 1. Type
  - a. Deep well jet
  - b. Shallow well jet
  - c. Submersible
- 2. Make
- 3. Model #
- 4. Capacity  GPM

Motor

- 1. Horsepower
- 2. RPM
- 3. Voltage 
  - a. 110
  - b. 220

Pitless Adapter

- 1. Make
- 2. Model #
- 3. Depth

- 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

Tank

- 1. Capacity
- 2. Pressure relief valve?

Piping

- 1. Type
- 2. Size
- 3. NSF and/or BOCA Code approved
- 4. Depth of supply line

Well data

- 1. Depth  ft.
- 2. Yield  GPM
- 3. Static water level  ft.
- 4. Will water supply be disinfected by installer?

P.A. 4' B.G.  
OK MR 12/11/89

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: George Baker

Date: 11-14-89

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



FIELD DATA SHEET  
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 81-2079  
 Location of property (road) JONES ROAD  
 Subdivision PETTY PROPERTY Lot 4 Block \_\_\_\_\_ Plat \_\_\_\_\_ Sec. \_\_\_\_\_  
 Well Driller RALPH MAYNEZ Owner CHACONAS, TED

Depth of well 125 ft  
 Distance of measuring point (M.P.) above ground 2 ft  
 Static water level (S.W.L.) below M.P. 45 ft

I. High rate pumping -- reservoir drawdown

Time pump started 8:30 Pumping rate 12 G.P.M.  
 Total time 15:15 to reach pumping water level 75 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)
8:45	75 ft	8 sec	X	8 G.P.M.
9:00	75	8		8
9:15	75	8		8
9:30	75 ft	8 sec		8 G.P.M.
9:45	75	8		8
10:00	75	8		8
10:15	75 ft	8 sec		8 G.P.M.
10:30	75	8		8
10:45	75	8		8
11:00	75 ft	8 sec		8 G.P.M.
11:15	75	8		8
11:30	75	8		8
11:45	75 ft	8 sec		8 G.P.M.

93 ft PL got open logs

B 7 1930

SEQUENCE NO. (OEP USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

please print or type

OEP PERMIT NUMBER

40-81-2079

fill in this form completely

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

Date Received

Empty date grid

OWNER INFORMATION

CHACONAS TED

19210 W HAMPSHIRE AV

Brownlow MD 20862

B 3

LOCATION OF WELL

HOWARD

Petty Prop

SECTION 44-46 LOT 48-50

WOODBURN

MILES FROM TOWN (enter 0 if in town) 4 MI

DRILLER INFORMATION

Ralph Mayne 273

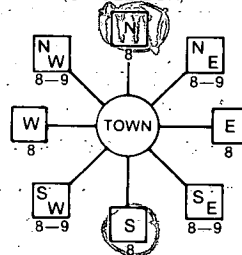
Ralph Mayne Well Drilling

5120 Brown Birch Rd. Mt. Airy

Ralph Mayne 3/2/87

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



JONES RD.

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



1200 DISTANCE FROM ROAD

ENTER FT or MI 74

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 A37629

COUNTY NAME COUNTY NO. OEP SIGNATURE STATE HEALTH INSERT S

DATE ISSUED 05/18/87 B. Nuber 11/15/87

NORTH GRID 528000 EAST GRID 0771000

APPROXIMATE DEPTH OF WELL 150 FEET

APPROXIMATE DIAMETER OF WELL 6" NEAREST INCH

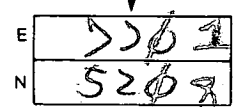
METHOD OF DRILLING (circle one)

- Bored (or Augered) Jetted Jetted & Driven
AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary)
CABLE REVERSE-ROTARY DRIVE-POINT
other

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER 1. well

WRITE THE BOX NUMBER FROM THE MAP HERE



Location OK
93' casing
2' above
50' + open
19' bag cement
6/9/87 JS

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

- N THIS WELL WILL NOT REPLACE AN EXISTING WELL
Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY
D THIS WELL WILL DEEPEM AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)

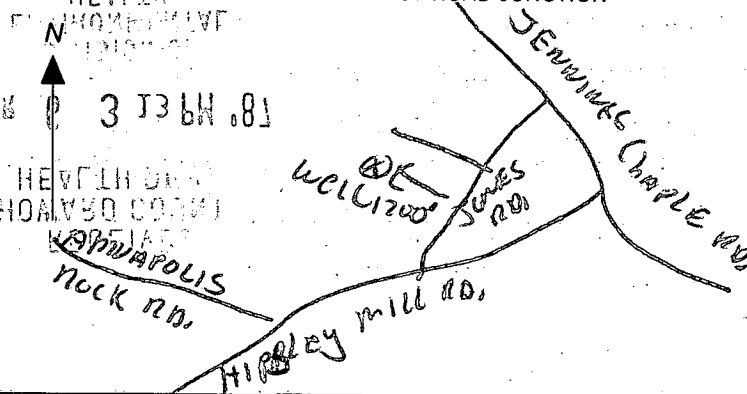
Not to be filled in by driller (OEP USE ONLY)

APPROX. PERMIT NUMBER GAP

FORCE 84 WRITE INITIALS IN BOX PERMIT NO. 40-81-2079

SPECIAL CONDITIONS 924-5152

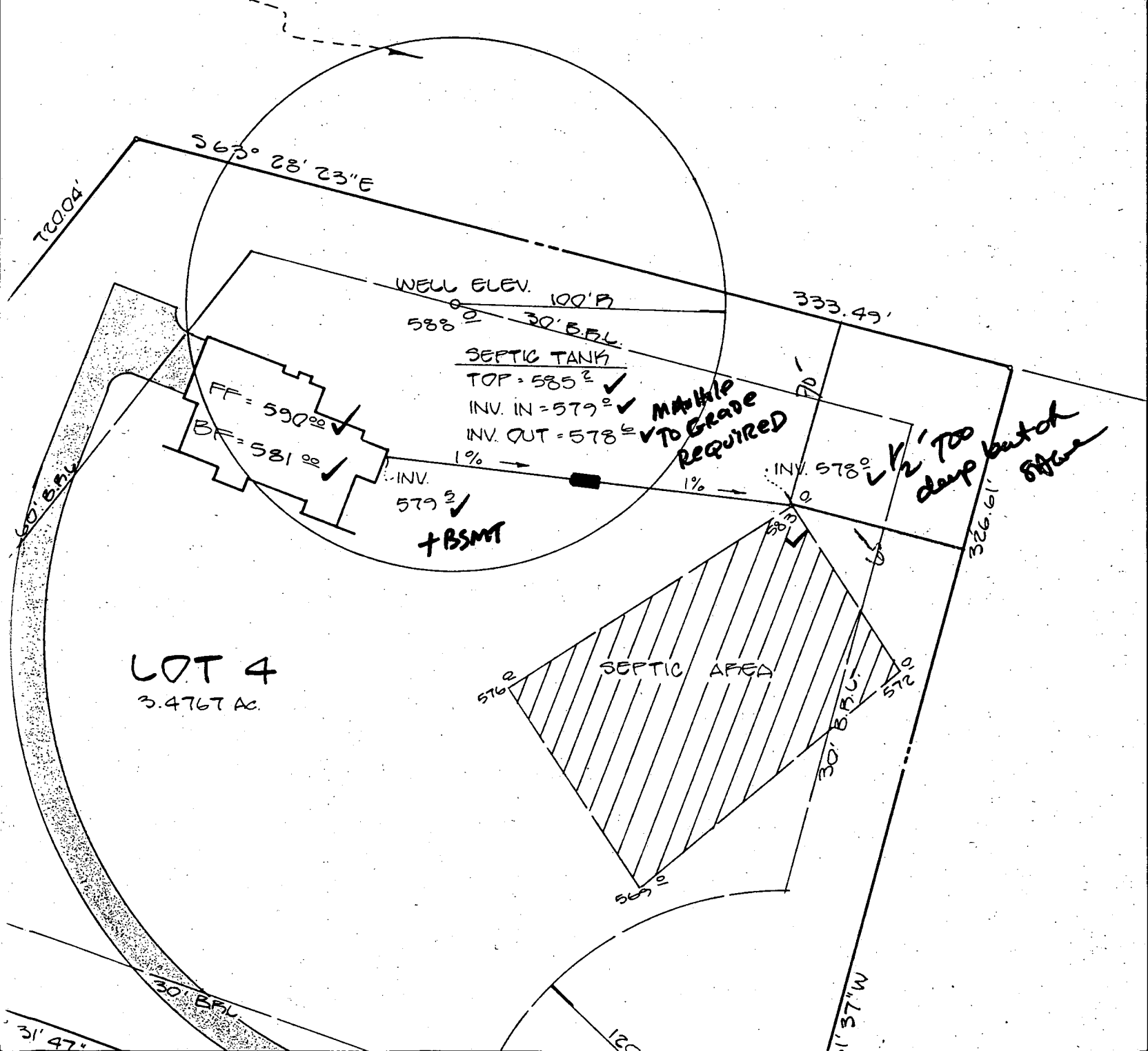
DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION



BUDG. PERMIT, SIGNED  
AND RETURNED 4-27-89

BP25240  
SPL

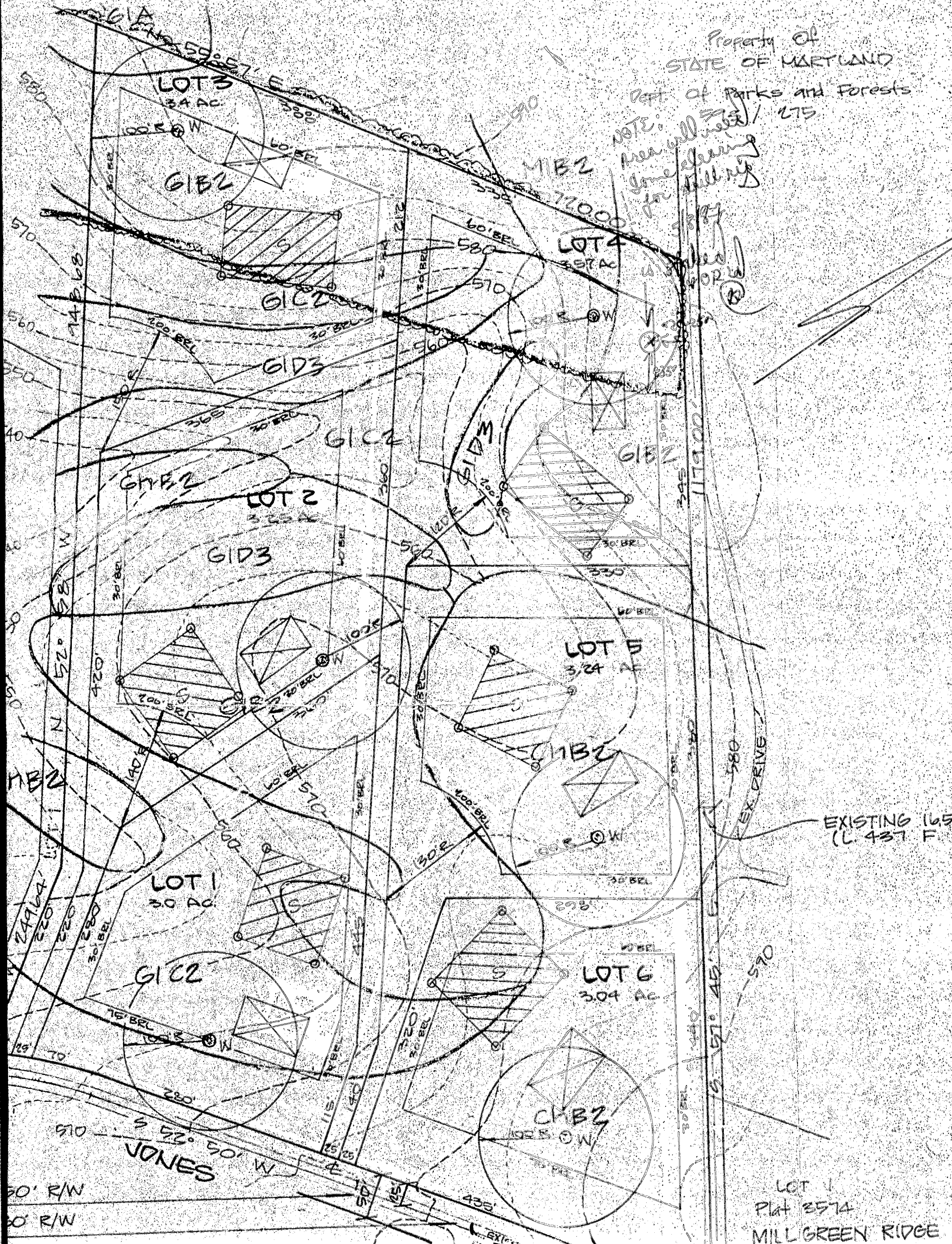
STATE OF MARYLAND  
DEPT. OF NATIONAL RESOURCES  
693 / 275



Property of  
STATE OF MARYLAND

Dept. of Parks and Forests

NOTE:  
Area will be cleared  
for Milling



EXISTING 165'  
(L. 437 F.)

LOT 1  
PLAT 3574  
MILL GREEN RIDGE