



Feb. 22/1990  
1:30 pm  
3-1-90  
1:30

# APPLICATION

PERCOLATION TESTING

A 45301  
P \_\_\_\_\_

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

DISTRICT \_\_\_\_\_

DATE January 30, 1990

*Preview ok. Recommend testing along contours. 1-30-90 JEN*

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 Mr. Chris N. Cuddeback

ADDRESS 6185 Trotter Road, Clarksville, MD 21029 PHONE 252-8100

PROSPECTIVE BUYER \_\_\_\_\_

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION:

SUBDIVISION Cuddeback Property LOT NO. 3

ROAD AND DESCRIPTION Trotter Road

TAX MAP 35 PARCEL # 69

SIZE OF LOT 3.0 + Acres TYPE BLDG. Single Family Dwelling  
(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.

*Vanessa Eichelberger (Agent)*  
(SIGNATURE OF APPLICANT)

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

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

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

REASONS FOR REJECTION OR HOLDING HOLD FOR PERC PLAT-PERC OK MR 3/5/90

HD-216

# THIS IS NOT A PERMIT

Lot 3  
A45501

pond ↑

⊗ = staked but not dug

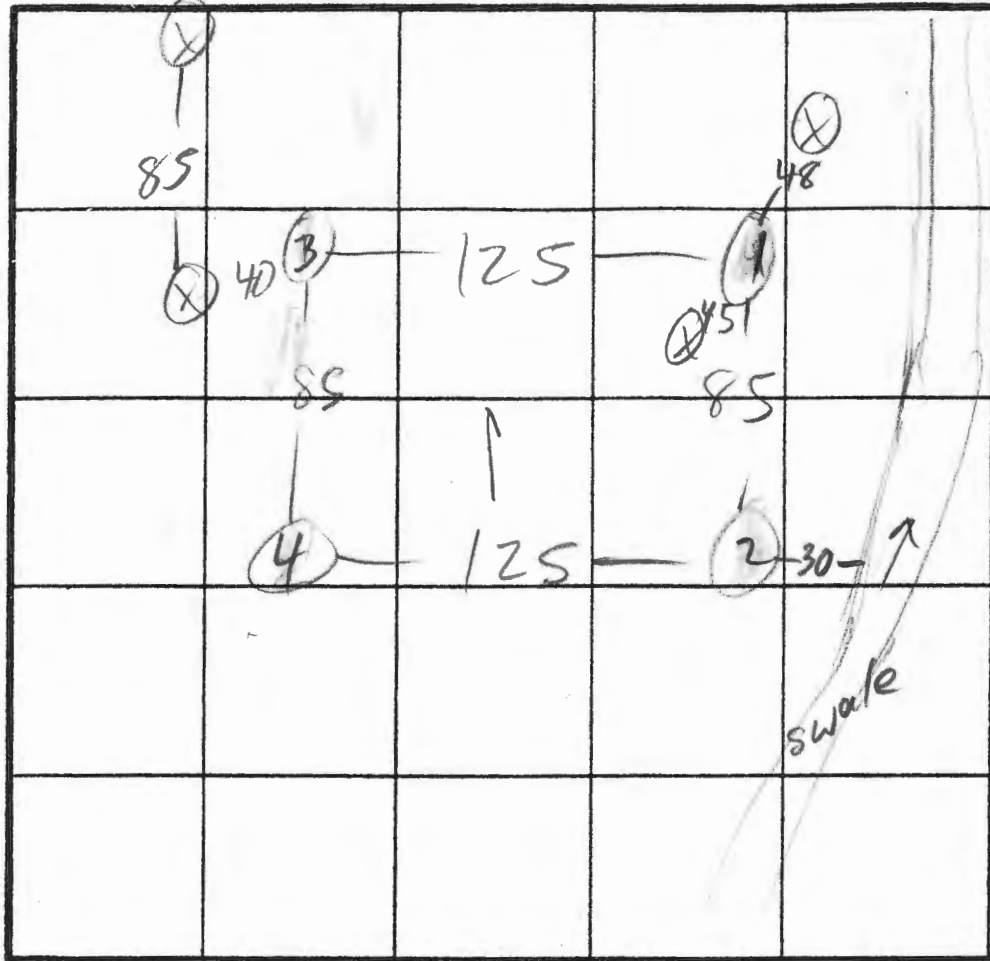
②④ H1

①③ L0

①  
SOIL PROFILE

3-4  
7  
13

org brn clay loam  
↓  
tan org + brn sand loam  
w/white & off-white & yellow mottled portions  
10% frags



$\bar{x} = 3$   
180 BR

Inlet 3'  
Bottom 5'

TROTTER RD INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3/1/90	1 S	5	10:40	10:41	10:41	10:43	2
	1 V	13	see profile				
	2 S	4	10:52	10:52	10:52	10:54	2
	2 M	6 1/2	10:53	10:54	10:55	10:57	2
	2	13	see profile				
	3	4	10:14	10:17	10:17	10:19	2
	3	13	see profile				
	4	5	10:20	10:27	10:27	10:35	8
	4	13	see profile				

REMARKS ALL HOLES DIFF FROM PLAT. MOTTLES NOT LIKELY TO BE INDICATIVE OF RECENT GW

TYPE OF SOIL

TESTED BY M. Rifkin

ALSO PRESENT JF & Co, engineers, owner

INTER RO

PROTTER

LOT 2

LOT 2

1:100

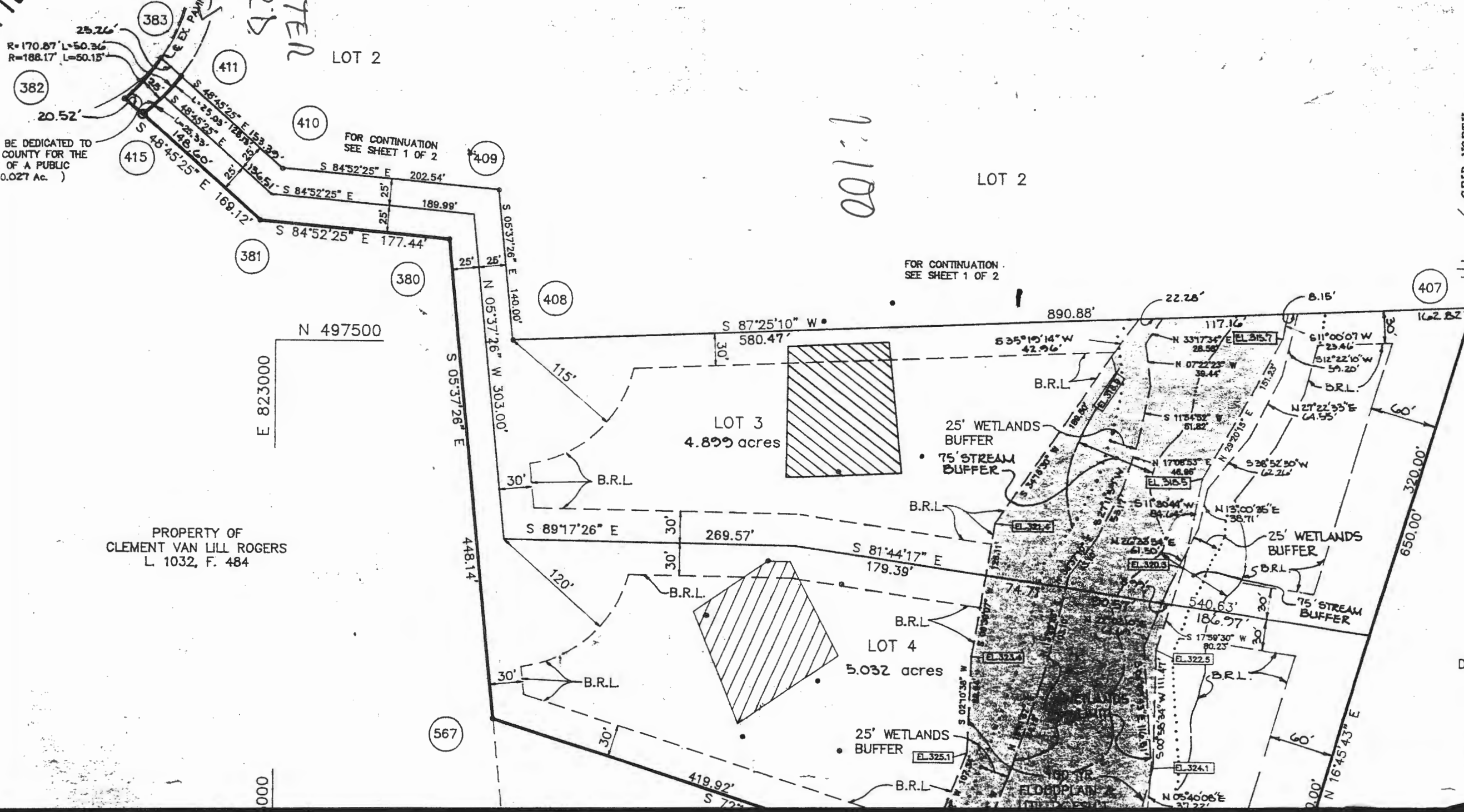
R=170.87 L=50.36  
R=188.17 L=50.15

TO BE DEDICATED TO  
COUNTY FOR THE  
USE OF A PUBLIC  
(0.027 Ac.)

FOR CONTINUATION  
SEE SHEET 1 OF 2

FOR CONTINUATION  
SEE SHEET 1 OF 2

PROPERTY OF  
CLEMENT VAN LILL ROGERS  
L 1032, F. 484



1 2 3 6  
**1 - 0851**  
 SEQUENCE NO. (DENV USE ONLY)  
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

ST/CO USE ONLY  
 DATE Received

DATE WELL COMPLETED **11/01/90**

**STATE OF MARYLAND**  
**WELL COMPLETION REPORT**  
 FILL IN THIS FORM COMPLETELY  
 PLEASE PRINT OR TYPE

Depth of Well  
 22 **160** 26  
 (TO NEAREST FOOT)

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

COUNTY NUMBER **A 45501**

PERMIT NO. FROM "PERMIT TO DRILL WELL"  
**HO-88-1612**

OWNER **Young Trotter Corp** first name last name  
 STREET OR RFD. **Cuddeback Prop**  
 SUBDIVISION SECTION TOWN **Clarksville** LOT **3**

**WELL LOG**  
 Not required for driven wells

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
	FROM	TO	
Top Soil	0	2	
Brown Shale	2	10	
Brown Mica	10	20	
Sand Stone	20	36	
Gray Mica	36	40	
Brown Mica	40	42	
Sand stone	42	63	
Brown Mica	63	65	
Sand Stone	65	70	
Gray Mica	70	80	
Sand Stone	80	120	
Gray Mica	120	160	

**GROUTING RECORD**

WELL HAS BEEN GROUTED (Circle Appropriate Box) **Y** **N**

TYPE OF GROUTING MATERIAL  
 CEMENT **CM** BENTONITE CLAY **BC**

NO. OF BAGS **8** NO. OF POUNDS **800**  
 GALLONS OF WATER **40**  
 DEPTH OF GROUT SEAL (to nearest foot)  
 from **0** ft. to **2** ft.

**CASING RECORD**

casing types insert appropriate code below

**ST CO PL OT**  
 STEEL CONCRETE PLASTIC OTHER

MAIN CASING TYPE Nominal diameter top (main) casing (nearest inch) Total depth of main casing (nearest foot)

**ST 6 33**

**OTHER CASING (if used)**

diameter depth (feet) inch from to

**SCREEN RECORD**

screen type or open hole insert appropriate code below

**ST BR HO PL OT**  
 STEEL BRASS OPEN HOLE PLASTIC OTHER

**C 2**

DEPTH (nearest ft.)

EACH SCREEN

1 **HO 31 160**

2

3

SLOT SIZE 1 2 3

DIAMETER OF SCREEN (NEAREST INCH)

from to

**C 3**

**PUMPING TEST**

HOURS PUMPED (nearest hour) **2**

PUMPING RATE (gal. per min. to nearest gal.) **10**

METHOD USED TO MEASURE PUMPING RATE **Point**

WATER LEVEL (distance from land surface)

BEFORE PUMPING **27**

WHEN PUMPING **47**

TYPE OF PUMP USED (for test)

**A** air **P** piston **T** turbine  
**C** centrifugal **R** rotary **O** other (describe below)  
**J** jet **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 PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE: **29**

CAPACITY: GALLONS PER MINUTE (to nearest gallon) **31 35**

PUMP HORSE-POWER **37 41**

PUMP COLUMN LENGTH (nearest ft.) **43 47**

CASING HEIGHT (circle appropriate box and enter casing height)

**+** above } LAND SURFACE **2** (nearest foot)  
**-** below }

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 26.04.04 "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.

DRILLERS IDENT. NO. **40**

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)  
**Bruce Thompson**

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

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68 **68**

**OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)**

**T** (E.R.O.S.) **WQ**

70 **72** **74 75 76**

TELESCOPE CASING LOG INDICATOR OTHER DATA

**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)

B 1 8689

SEQUENCE NO. (DP USE ONLY)

STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL

STATE PERMIT NUMBER

HO-88-1612 fill in this form completely

Date Received (APA)

083190

OWNER INFORMATION

YUNG CAROL

11111 METHUENLANDS CT

SILVER SPRING MD 20905

B 3

LOCATION OF WELL

HOWARD

CLUDDENHACK PROPERTY

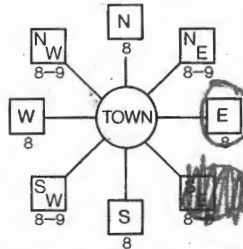
SECTION 44 46 LOT 3 48 50

CLARKSVILLE

MILES FROM TOWN (enter 0 if in town) 3 MI

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



TRUTER RD NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



DISTANCE FROM ROAD 500

ENTER FT or MI FT

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)

- D HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
I INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)
P PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)
T TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard COUNTY NAME A45501 COUNTY NO.

STATE SIGNATURE DATE ISSUED 092490 Mark E. Lipkin 3/24/91

NORTH GRID 498000 EAST GRID 0823000

APPROXIMATE DEPTH OF WELL 200 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH

METHOD OF DRILLING (circle one)

- BORED (or Augered) JETTED Jetted & DRIVEN
AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary)
SABLE REVERSE-ROTARY DRIVE-POINT
other

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 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)

APPROX. PERMIT NUMBER GAP

FORCE MTR PERMIT No. HO-88-1612

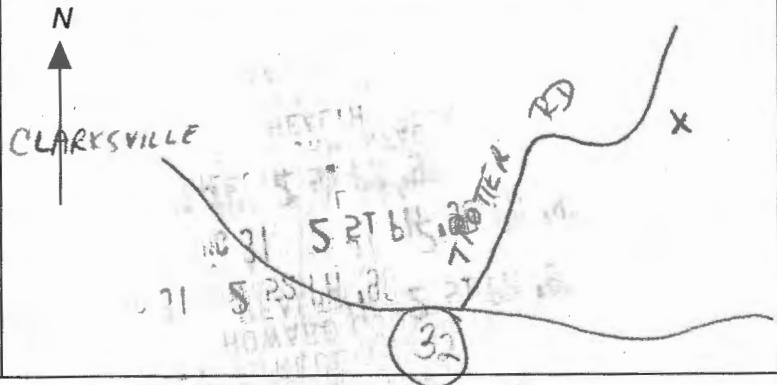
SPECIAL CONDITIONS

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X
SOURCES OF DRILLING WATER
1. well

WRITE THE BOX NUMBER FROM THE MAP HERE

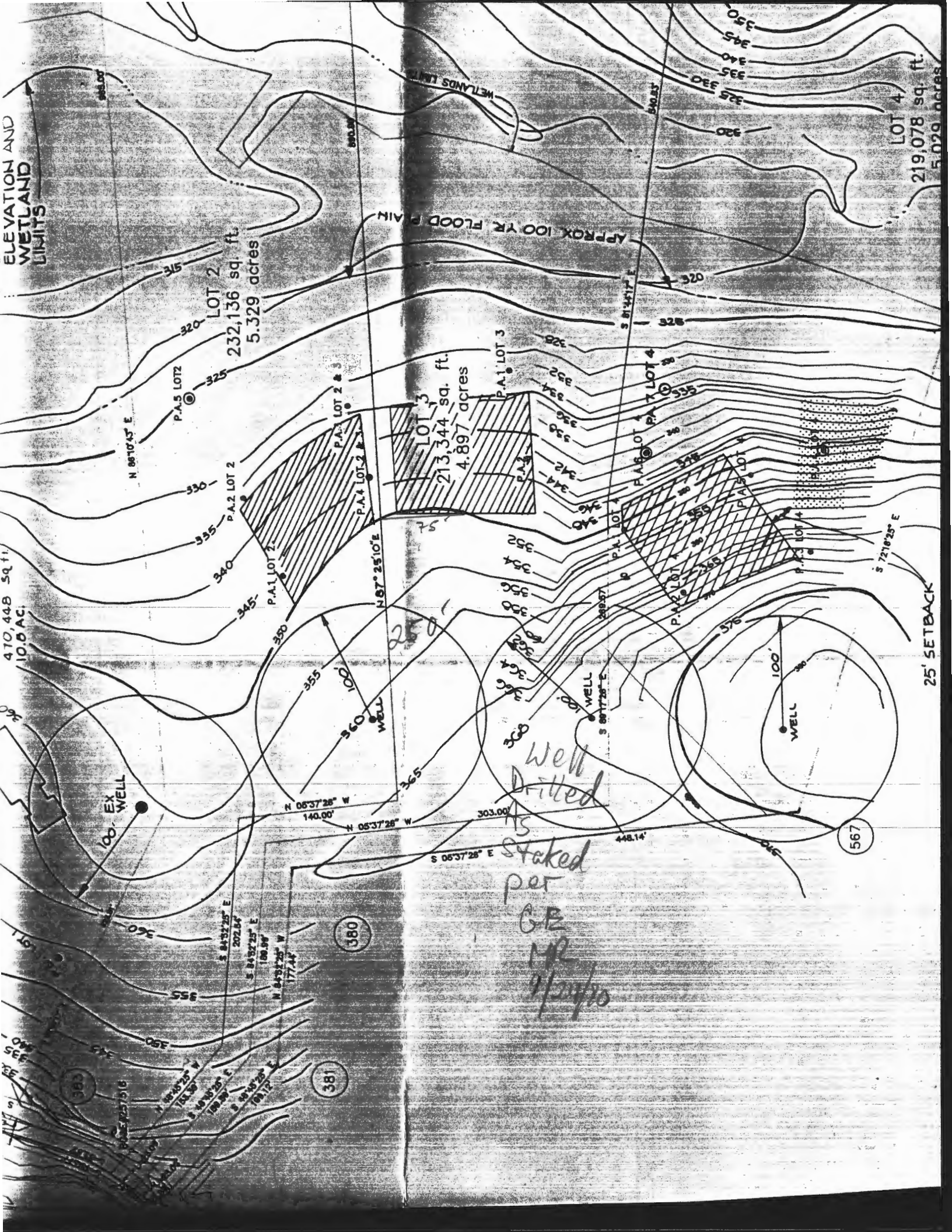
82x3
49x8

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





ELEVATION AND WETLAND LIMITS



LOT 2  
232,136 sq. ft.  
5.329 acres

LOT 3  
213,344 sq. ft.  
4.897 acres

LOT 4  
219,078 sq. ft.  
5.029 acres

Well Drilled  
is Staked  
per  
G.E.  
MP  
1/24/10

380

381

567

470,448 sq. ft.  
10.6 AC.

25' SETBACK

APPROX 100 YR FLOOD PLAIN

250'

100' EX WELL

WELL DRILLED

WELL

N 06°37'28" W  
140.00'  
N 06°37'28" W  
303.00'

S 06°37'28" E  
448.14'

S 84°32'25" E  
207.84'  
S 84°32'25" E  
186.94'  
N 84°31'25" W  
177.44'

S 84°32'25" E  
186.94'  
S 84°32'25" E  
186.94'  
S 84°32'25" E  
186.94'

S 81°41'17" E  
320'

S 72°16'25" E

N 86°10'45" E

N 87°25'10" E

S 81°41'17" E

S 72°16'25" E

P.A.5 LOT 2

P.A.1 LOT 2

P.A.2 LOT 2

P.A. LOT 2 & 3

P.A.4 LOT 2 & 3

P.A.3

P.A.1 LOT 3

P.A.6 LOT 4

P.A.7 LOT 4

P.A.8 LOT 4

P.A.9 LOT 4

P.A.10 LOT 4

P.A.11 LOT 4

P.A.12 LOT 4

P.A.13 LOT 4

P.A.14 LOT 4

P.A.15 LOT 4

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SUBDIVISION:

Cuddeback Property  
Trotter Rd

A 45501

LOT NUMBER: 3

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

180 sq. ft./bedroom

Trench to be 3 wide.  
 Inlet 3 feet below original grade.  
 Bottom maximum depth 5 feet below original grade.  
 Effective area begins at 3 feet below original grade.  
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: STARTING FROM THE INTERSECTION OF THE 146.00' LOT LINE AND THE 890.88' LOT LINE, PLACE THE DISTRIBUTION BOX 250' DOWN THE 890.88' LOT LINE AND 75' OFF THIS SAME LOT LINE. RUN TRENCHES ON CONTOUR TOWARD RIGHT AND LEFT SIDES OF LOT.

MR 12/4/98