

1/16/90 ASAP

Tax ID-05-408881

File

# PERMIT

P 45023

SEWAGE DISPOSAL SYSTEM

A 39251

MARYLAND STATE DEPARTMENT OF HEALTH

DISTRICT 5th

HOWARD COUNTY

BUREAU OF ENVIRONMENTAL HEALTH  
461-9933

DATE 10/4/89

DATE SYSTEM APPROVED 1/16/90

## INDEXED

INSPECTOR C. B. S.

C. C. Cissel

IS PERMITTED TO INSTALL  ALTER

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

SUBDIVISION Westside ROAD 5906 Clifton Oaks Dr. LOT 16

PROPERTY OWNER Rao Group, 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 2000 GALLONS NUMBER OF BEDROOMS 5

TRENCHES - 220 sq. ft. per bedroom with garbage disposal. Trench to be 3 feet 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.

LOCATION - Place the first trench 150 feet off the front lot line and 30 feet off the left lot line as seen when facing the property from Clifton Oaks Drive. Run trenches on contour toward the right side of lot.

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 8/30/88

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 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

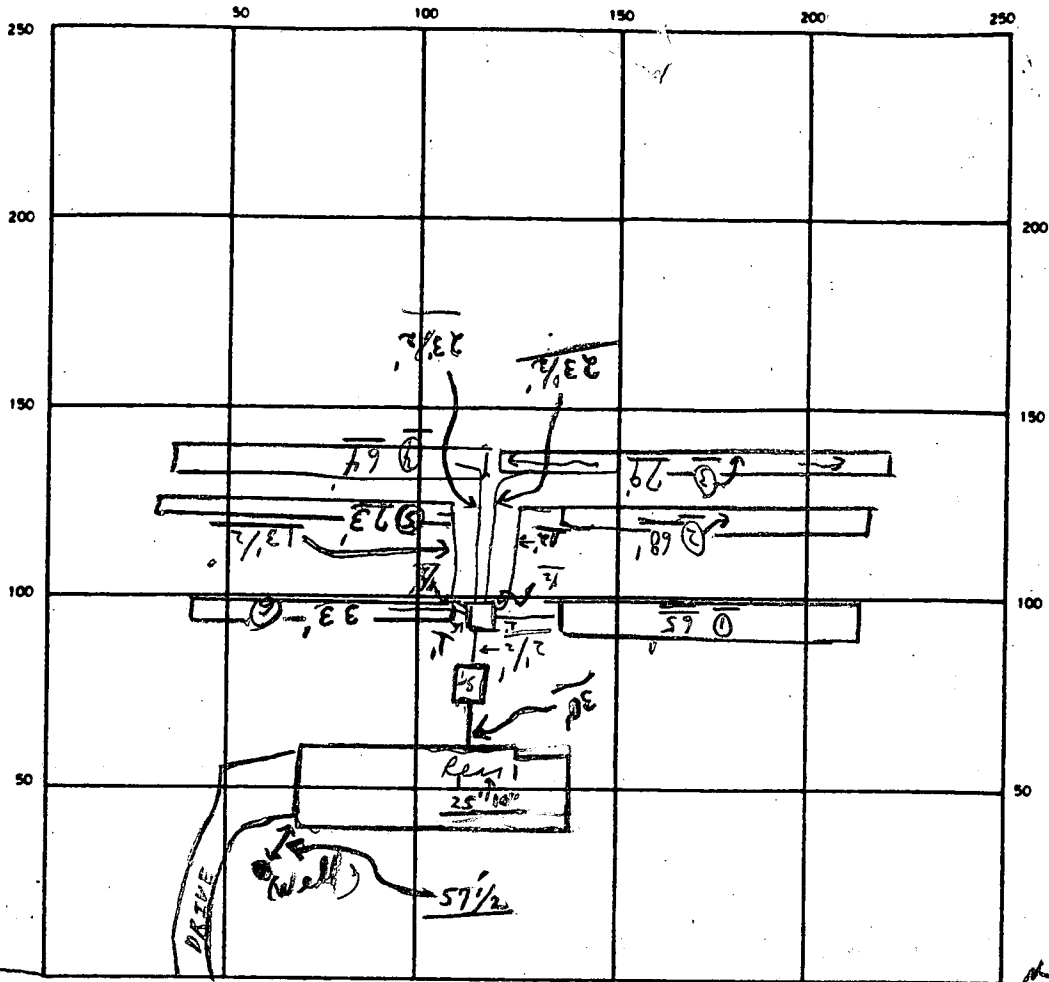
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED

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 39251



INDICATE NORTH — NAME ADJOINING ROADWAY AS BASE LINE  
CLIFTON OAKS DR.

SEPTIC TANK. LEVEL OK CLEANOUTS S.J. OK

DISTRIBUTION BOX. LEVEL OK (Baffles in)

DRAIN FIELD/TILE FIELD. DEPTH 5 FT. TRENCH WIDTH 3 FT. INLET DEPTH 3 FT.

EFFECTIVE GRAVEL DEPTH 2+ FT. TOTAL LENGTH 382 FT.

NUMBER OF TRENCHES 6 ONE ~~SECTION~~/BOTTOM AREA 1146 SQ FT

DRYWELL INSIDE DIAMETER      FT. EFFECTIVE DEPTH BELOW INLET      FT.

ABSORBENT AREA 1146 SQ. FT.

REMARKS 1/16/'90 OK TO COVER ALL WORK, FINAL.  
C.B.S.

\* 1/16/'90 Needs permit for W.P.I. - none in folder. \* C.B.S.

P.M. 1/16/'90 W.P.I. - Pitless adapter and water well liner ok to cover only. 1/16/'90

DATE SYSTEM APPROVED 1/16/'90 INSPECTOR Charles Bryan Shuck

# APPLICATION

PERCOLATION TESTING

A 39251

P \_\_\_\_\_

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

DISTRICT 5

DATE 4-16-89

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 RAO GROUP Inc

ADDRESS 6570 RT 32 CLARKSVILLE, MD PHONE 854-0809

PROSPECTIVE BUYER RAO GROUP Inc

ADDRESS 6570 RT 32 CLARKSVILLE, MD PHONE 854-0809

PROPERTY LOCATION:  
SUBDIVISION CHVENGER PROPERTY LOT NO. 16 P87.12  
17

ROAD AND DESCRIPTION ~~C 5909 Ten oaks Rd, CLARKSVILLE~~  
5906 CLIFTON OAKS Dr.

TAX MAP 34 PARCEL # 3  
SIZE OF LOT 3.0AC 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.

Robert Palumbo  
(SIGNATURE OF APPLICANT)

APPROVED BY Sel Abel FOR Dee Kunchs DATE 5-5-89

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

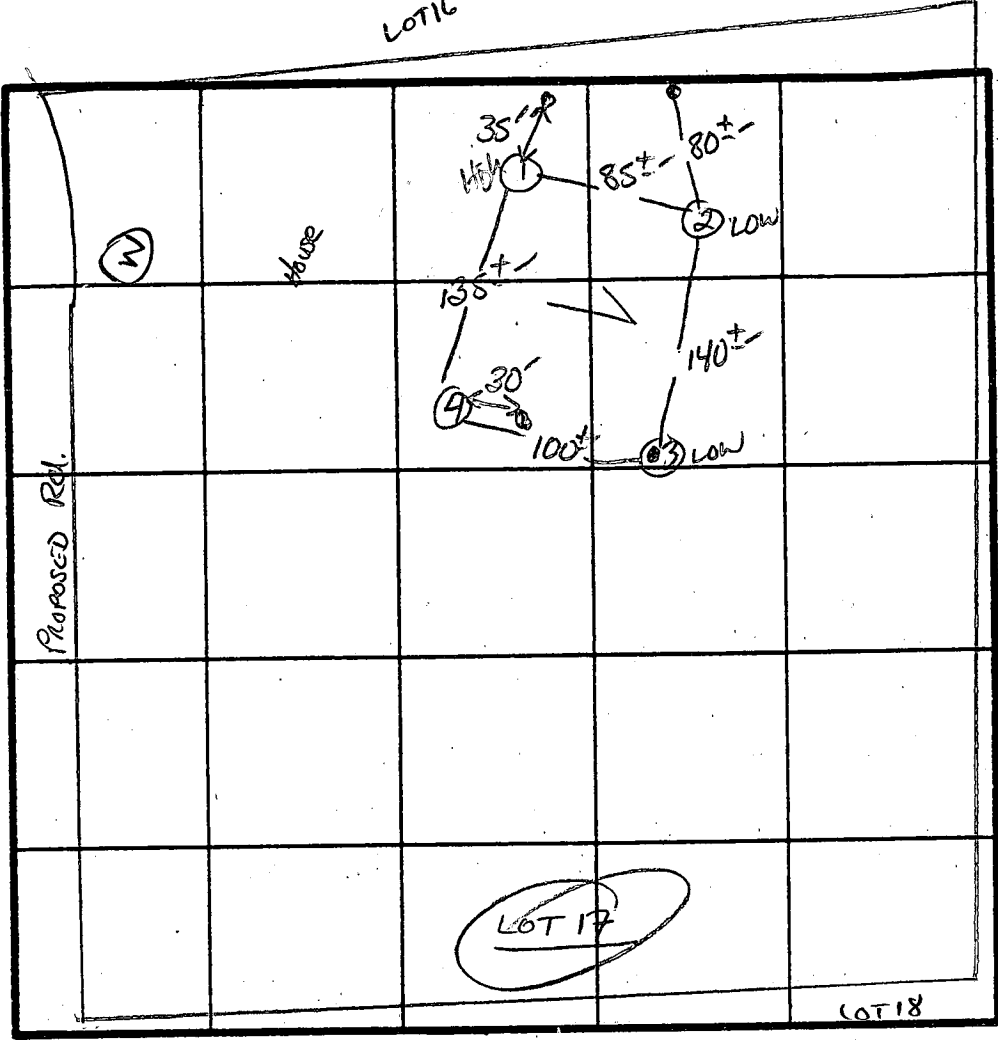
HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING 6-26-87 PERC SATISFACTORY - hold for subdivision; PLAT STALL

PERMIT SIGNED  
AND RETURNED 5-5-89  
BP25439 SKL

# THIS IS NOT A PERMIT

LOT 16



X Perc 6 min  
 180 Φ 1 1/2  
 INLET 30  
 BOTTOM 5.6  
 L.O.S.

① → ④  
 SOIL PROFILE  
 0" AP w/ small stones  
 10" HX  
 Yellow CL silt loam  
 SMALL STONES  
 3" Yellow CL silt loam  
 Highly micaceous  
 w/ pink casts  
 12-13"

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

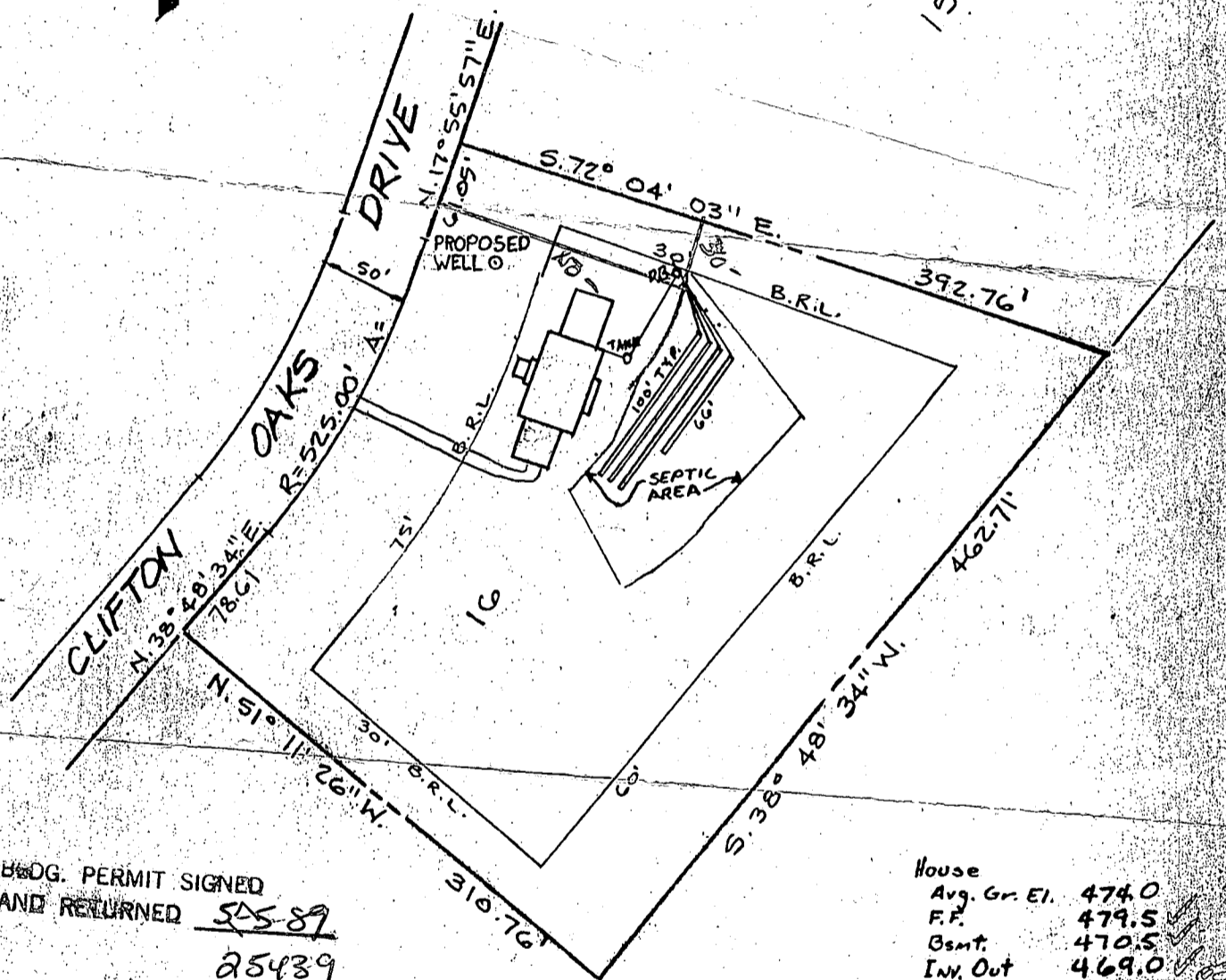
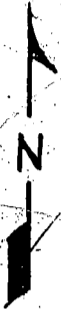
↓ TEN OAKS Rd.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
10/26/87	1S	4"	10:06	10:08	10:08	10:13	5 min	
	1M	7.5"	10:06	10:08	10:08	10:12	4 min	
	1V	12.5"	UNIFORM soil below 3"					
	2S	4.5"	10:07	10:10	10:10	10:17	7 min	
		13"	SIMILAR TO #1 w/ some red + some quartzite					
	3S	4.0"	10:16	10:18	10:18	10:23	5 min	
		13"	SAME AS #1					
	4V	12'	SAME AS #1 COAY TO 3.5'					

REMARKS: Holes slightly diff than flat - shallow syst. only  
 TYPE OF SOIL: MANOR - Chester  
 TESTED BY: S. Abel  
 ALSO PRESENT: SKIP, STEWART

EH-12-1079

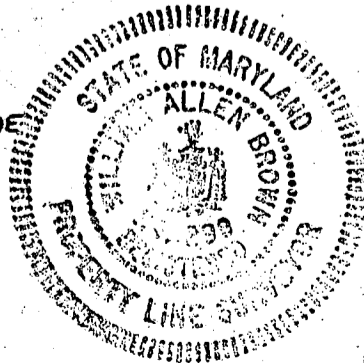
**SITE PLAN**  
**LOT 16, WESTSIDE**  
**CLARKSVILLE (5<sup>TH</sup>) DISTRICT**  
**HOWARD COUNTY, MARYLAND**  
 SCALE 1"=100'  
 MAY, 1989



BUDG. PERMIT SIGNED  
 AND RETURNED 5/5/89  
 25439  
 SA

House	
Avg. Gr. El.	474.0
F.F.	479.5
Bsmt.	470.5
INV. Out	469.0
Septic Tank	
Ex. Grd.	474.0
INV. IN	468.3
INV. out	468.1
Dist. Box	
Ex. Grd.	471.0
INV. IN	467.5
INV. out	467.3
Trenches	
#1 Ex. Grd.	470.0
INV. IN	467.0
#2 Ex. Grd.	469.8
INV. IN	464.8
#3 Ex. Grd.	469.0
INV. IN	466.0
#4 Ex. Grd.	468.5
INV. IN	465.5

NOTE: SEPTIC TRENCHES ARE 3' WIDE  
 & 10' APART

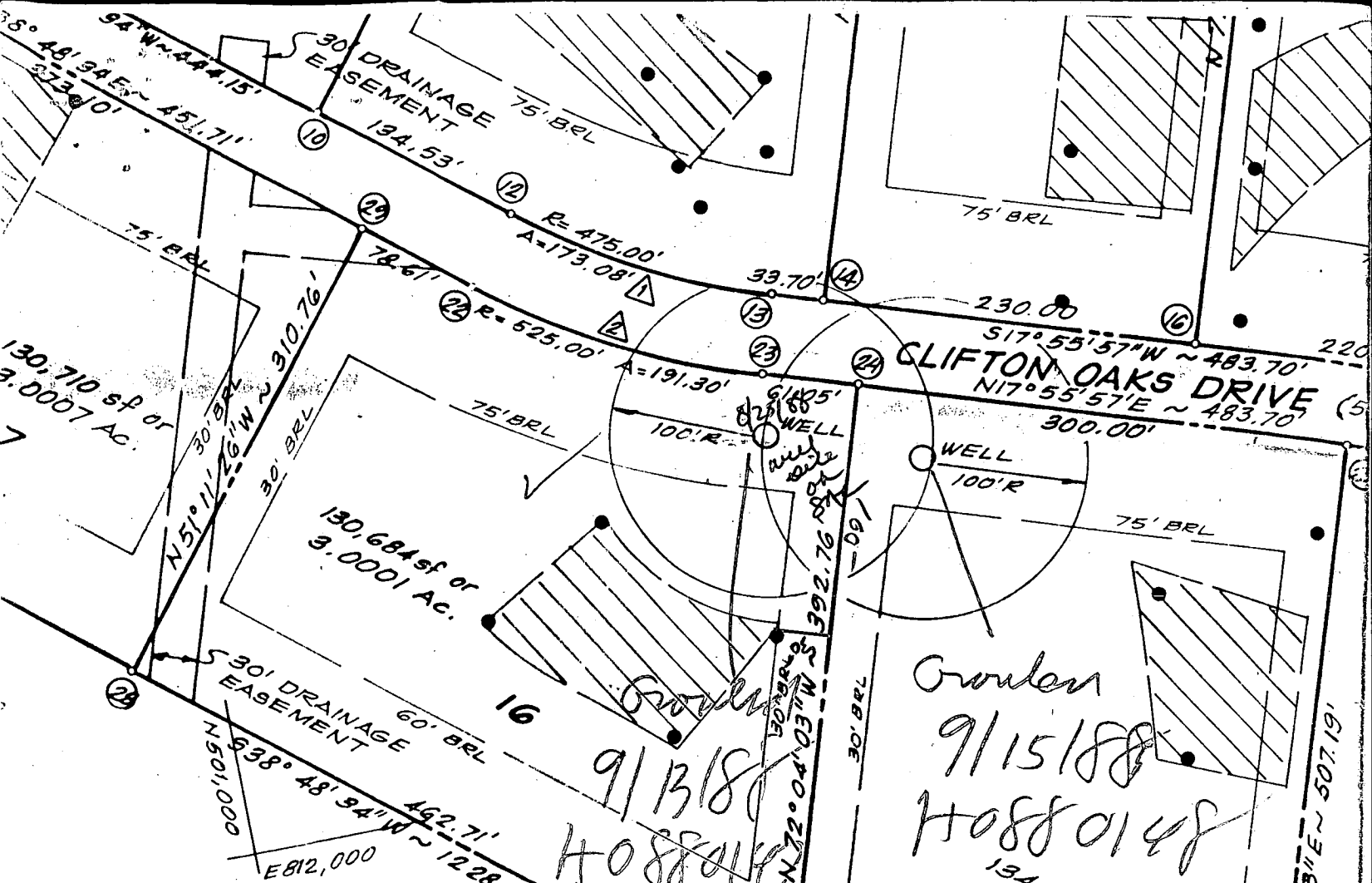


I CERTIFY TO MY BEST  
 KNOWLEDGE AND BELIEF  
 THAT THE PLAN SHOWN  
 HEREON IS CORRECT.

W. Allen Brown 5/11/89  
 W. ALLEN BROWN MD # 299

**Al Brown Surveys Inc.**  
 7308 MINK HOLLOW ROAD  
 HIGHLAND, MARYLAND 20777  
 RES. 301-854-0913

5 BR 366' trench



Gorden  
 9/15/88  
 H0880148  
 S. N. E. CO. P. O. 222  
 N 72° 26' 30" E  
 392.76'

**CERTIFICATION**

GROUP, INC. A MARYLAND CORPORATION  
 KOTTAPALLI B. RAO, AUTHORIZED AGENT KARIPINENI RAO  
 OWNERS OF THE PROPERTY SHOWN AND DESCRIBED  
 HEREBY ADOPT THIS PLAN OF SUBDIVISION, AND IN CON-  
 JUNCTION WITH THE APPROVAL OF THIS FINAL PLAT BY THE OFFICE OF  
 PLANNING AND ZONING, ESTABLISH THE MINIMUM BUILDING RESTRICTION LINES AND  
 EASEMENTS TO HOWARD COUNTY, MARYLAND, ITS SUCCESSORS & ASSIGNS,  
 TO LAY, CONSTRUCT AND MAINTAIN SEWERS, DRAINS, WATER PIPES AND OTHER  
 UTILITIES AND SERVICES, IN AND UNDER ALL ROADS AND STREET RIGHTS-OF-WAY  
 EASEMENTS SHOWN HEREON;  
 TO REQUIRE DEDICATION FOR PUBLIC USE THE BEDS OF THE STREETS AND/OR ROADS,  
 FLOODPLAINS AND OPEN SPACE WHERE APPLICABLE AND FOR GOOD AND OTHER VALUABLE  
 PURPOSES, HEREBY GRANT THE RIGHT AND OPTION TO HOWARD COUNTY TO ACQUIRE THE FEE  
 INTEREST IN THE BEDS OF THE STREET AND/OR ROADS OR FLOODPLAINS, STORM DRAINAGE FACI-  
 LITIES AND OPEN SPACE WHERE APPLICABLE, AND  
 TO REQUIRE DEDICATION OF WATERWAYS AND DRAINAGE EASEMENTS FOR THE SPECIFIC  
 PURPOSES OF THEIR CONSTRUCTION, REPAIR AND MAINTENANCE, AND  
 NO BUILDING OR SIMILAR STRUCTURE OF ANY KIND SHALL BE ERECTED ON OR OVER THE  
 RIGHTS AND RIGHTS-OF-WAY.

WITNESSED AND SIGNED THIS 21 DAY OF JAN 1988.

\_\_\_\_\_  
 KARIPINENI RAO  
 KARIPINENI RAO

\_\_\_\_\_  
 KOTTAPALLI B. RAO  
 KOTTAPALLI B. RAO

APPROVED: HOWARD COUNTY  
 OFFICE OF PLANNING AND ZONING

APPROVED: FOR STORM DRAINAGE

B 1 1341

SEQUENCE NO. (DP USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

please print or type

STATE PERMIT NUMBER

40-88-0148

fill in this form completely

Date Received (APA)

082387

OWNER INFORMATION

40 CREVO EMC

6570 KE32

441135 VIKEE 0221029

DRILLER INFORMATION

Joseph L. Mayne 238

Joseph L. Mayne Drilling

5513 Hill Rd. NW. May 2017

Signature: Joseph L. Mayne Date: 2/15/88

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)

APPROXIMATE DEPTH OF WELL 500 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)
CABLE
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 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)

APPROP. PERMIT NUMBER GAP

FORCE 5A PERMIT No. 40-88-0148

SPECIAL CONDITIONS

B 3

LOCATION OF WELL

40 HOWARD

WESTSIDE

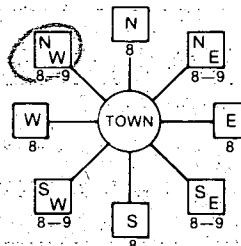
SECTION LOT 1/2

LEWISVILLE

MILES FROM TOWN 1 3/8 MI

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Clepton Oaks Dr. NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



DISTANCE FROM ROAD 35

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard COUNTY NO. A-39251

STATE SIGNATURE DATE ISSUED

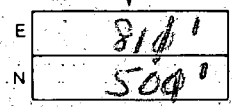
083088 Sidi Alal 02-29-89

NORTH GRID 501000 EAST GRID 0801000

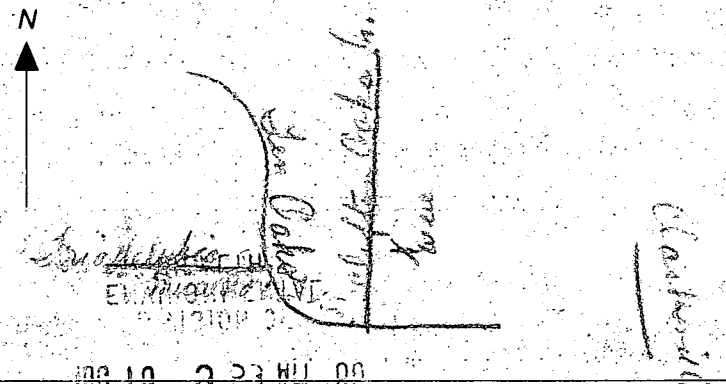
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER 1. well

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



00 MAR 08 10 00

C1 0659 SEQUENCE NO. (DENV USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

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

COUNTY NUMBER A 39251

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

DATE RECEIVED DATE WELL COMPLETED 09/13/88

Depth of Well 375 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" 40-88-0148

OWNER RAO GROUP INC last name first name STREET OR RFD CLIFTON OAKS DR. TOWN PEARMANVILLE SUBDIVISION WESTSIDE SECTION LOT 16

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), Check if water bearing. Includes entries for Sandstone, GRAY Micaceous, SAND Stone, GRAY Micaceous Pock.

GROUTING RECORD: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL CEMENT (CM) BENTONITE CLAY (BC), NO. OF BAGS 8, NO. OF POUNDS 752, GALLONS OF WATER 48, DEPTH OF GROUT SEAL 32 ft.

CASING RECORD: casing types insert appropriate code below. MAIN CASING TYPE ST 6 42 70. Nominal diameter 6, Total depth of main casing 42.

OTHER CASING (if used): diameter 4 inch, depth 17 385.

SCREEN RECORD: screen type or open hole insert appropriate code below. SCREEN TYPE ST BR HO PL OT.

DEPTH (nearest ft.) table with columns for depth intervals from 1-21 ft to 38-51 ft.

CIRCLE APPROPRIATE LETTER A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 10.17.13 "WELL CONSTRUCTION"

DRILLERS IDENT. NO. 238

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

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

SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH)

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

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) WQ TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST: HOURS PUMPED 3, PUMPING RATE 4 gal. per min., METHOD USED TO MEASURE PUMPING RATE Bucket, WATER LEVEL 17, WHEN PUMPING 193, TYPE OF PUMP USED submersible (S).

PUMP INSTALLED: DRILLER WILL INSTALL PUMP YES (NO), TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE: CAPACITY: GALLONS PER MINUTE, PUMP HORSE POWER, PUMP COLUMN LENGTH, CASING HEIGHT (+ above, - below) LAND SURFACE 2 (nearest foot)

