

3/10/97
MEET each 130
3/11/97
3/18/97 1:00 ASAP
and late afternoon
5/13/97 am WPT

DS-408830

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 57400C

A 39246

DISTRICT 5th

DATE 11-13-96

DATE SYSTEM APPROVED 3-18-97

INSPECTOR KM

INDEXED

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XX461-9933~~ 313-2640

Jack Fyock Septic Service IS PERMITTED TO INSTALL ALTER

ADDRESS 4105 Ten Oaks Road, Dayton, Maryland 21036 PHONE 988-9270

SUBDIVISION Westside LOT 11 ROAD 5936 Clifton Oaks Drive

PROPERTY OWNER Carroll Markley

ADDRESS **BUILDING PERMIT SIGNED**

AND RETURNED

SEPTIC TANK CAPACITY 1250 GALLONS 8-27-03 600143830-FINISH Basement

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 240

TRENCHES - Trench to be 3 feet wide. Inlet 2.5 feet below original grade. Bottom maximum depth 4.5 feet below original grade. Effective area begins at 2.5 feet below original grade. 2.0 feet of stone below distribution pipe.

LOCATION - Start the first trench 65 feet from the front (218.34') lot line and 88 feet from the left lot line as seen when facing the lot from Clifton Oak Drive. Run trenches on contour toward the left side of lot.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. NO ADJUSTMENT TO INVERT, BOTTOM DEPTH. **OPEN TRENCH INSPECTION REQUIRED.** ok/cw

PLANS APPROVED BY Sid Abel/Glen Savage REVISED DATE 01/17/96

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, 90° ELBOWS NOT ACCEPTABLE.

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 TRENCH(ES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(ES)

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 35/40 PVC OR ABS

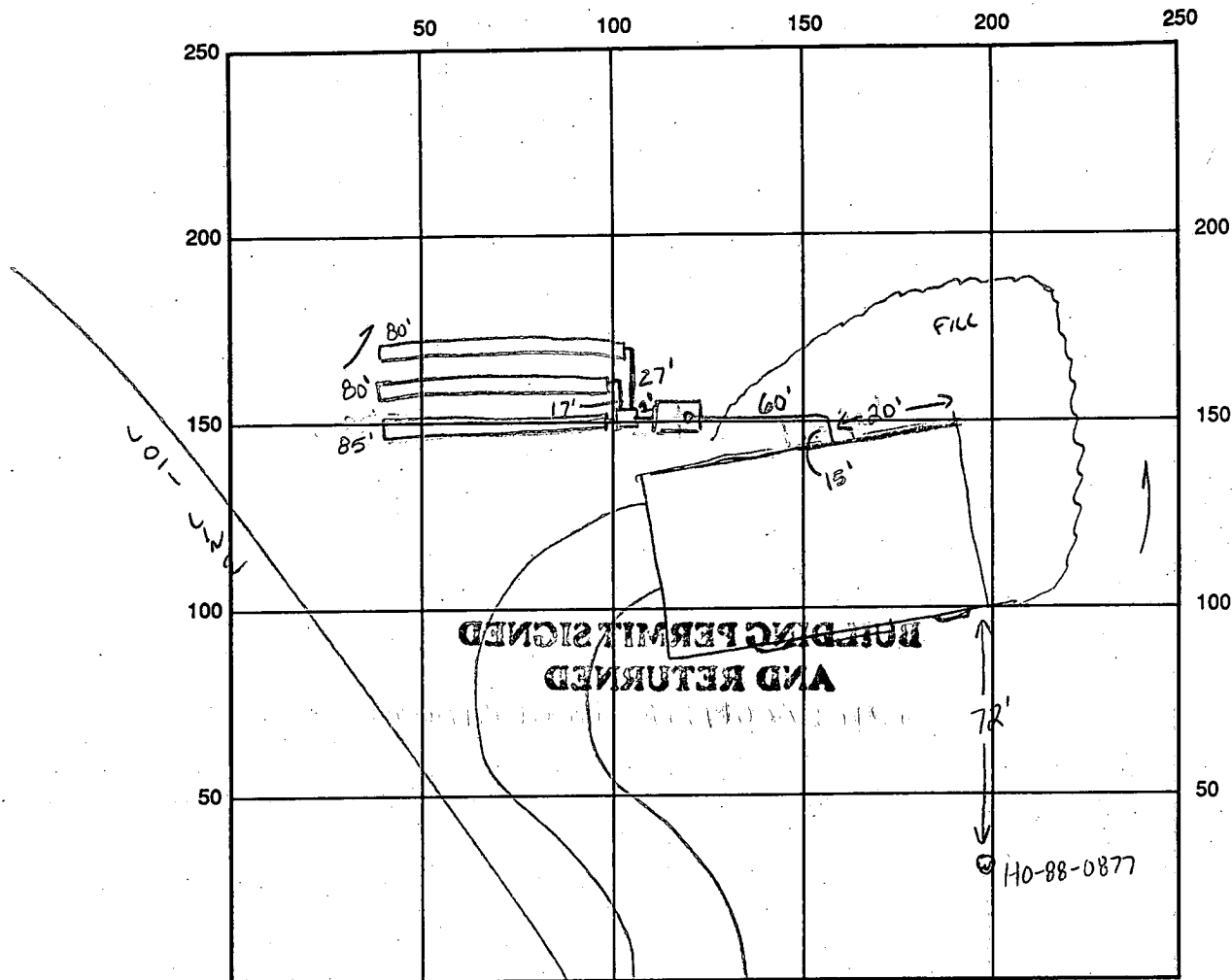
PERMIT VOID AFTER TWO YEARS

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 PVA 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**

A
39246



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE Clifton Oaks Dr.

SEPTIC TANK LEVEL OK, 1250 gallons CLEANOUTS 1 on tank
 DISTRIBUTION BOX LEVEL OK
 DRAIN FIELD/TITLE DEPTH 4.5 FT. TRENCH WIDTH 3 FT. INLET DEPTH 2.5 FT.
 EFFECTIVE GRAVEL DEPTH 2.0 FT. TOTAL LENGTH 1x85 FT. 2x80 FT. \rightarrow 245
 NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 735 SQ. FT.
 DRYWALL INSIDE DIAMETER — FT. EFFECTIVE DEPTH BELOW INLET — FT.
 ABSORBENT AREA — SQ. FT.

REMARKS: 3-10-97 MET JACK EGOSKI AT SITE FOR LAYOUT INSPECTION, OK TO PROCEED. KM
3-17-97 OK to continue KM
3-18-97 (10:30am) OK to stone 3rd trench and to continue on other trenches, house conn. Made KM
3-18-97 (1:00pm) OK to stone 2nd trench and continue KM
3-18-97 (3:15pm) OK to cover all work KM 5-13-97 W.P.I. NEEDS SEASON GRASS
PUMP, GASOLINE WIRE NOT INSTALLED, OK TO COVER WELL W/ WIRE.

DATE SYSTEM APPROVED 3-18-97 INSPECTOR Kimberly Maister

1/5/96

DISCUSSION

W MR SHAN

-THEY WANT

TO SLIDE SDA

TO KEEP HOUSE

LOC.

DISCUSS #



HOWARD COUNTY HEALTH DEPARTMENT

Joyce M. Boyd, M.D., County Health Officer

January 3, 1996

TO: Carroll Markley
2071 Chain Bridge Road
Vienna, VA 22182

FROM: Glen Savage, Sanitarian *GS*
Water and Sewerage Program

RE: Building Permit # 63053
5936 Clifton Oaks Drive
Westside - Lot 11

We are unable to recommend approval of your building permit at this time for the following reasons:

- All portions of the septic system should be 100' minimum from the well.
- The septic tank should be 10' minimum from the house.
- The septic easement should be 20' minimum from any structure.

The building permit application and the site plan specify different numbers of bedrooms. Please provide clarification.

If you have any questions please contact me at the address below or by calling 313-2640.

cc: Shan Enterprises
Licenses & Permits
File

Bob Clark

Bureau of Environmental Health
3525-H Ellicott Mills Drive Ellicott City, Maryland 21043-4544
Water and Sewerage, Permits (410) 313-2640 Community Environmental Health (410) 313-2644
Food Protection Program (410) 313-2642 TDD (410) 313-2323

Bob Blank wanted to
move SDA, but failed holes
in vicinity of desired
adjustment (clay & H₂O);
advised him no adjustment w/o
add ~~the~~ wet season testing, and
that success likelihood is
limited; appl. provided

MR
w/21/95

IMPORTANT MESSAGE

TO Mr

DATE 11-13-95 TIME 9:50 **AM**
P.M.

M Bob Plazic

OF _____

PHONE 301-253-8926
Area Code Number Extension

FAX _____

TELEPHONED	<input checked="" type="checkbox"/>	PLEASE CALL	<input type="checkbox"/>
CAME TO SEE YOU	<input type="checkbox"/>	RETURNED YOUR CALL	<input type="checkbox"/>
WANTS TO SEE YOU	<input type="checkbox"/>	WILL CALL AGAIN	<input type="checkbox"/>
WILL FAX YOU	<input type="checkbox"/>	URGENT	<input type="checkbox"/>

Message Westside
Call
11/14/95

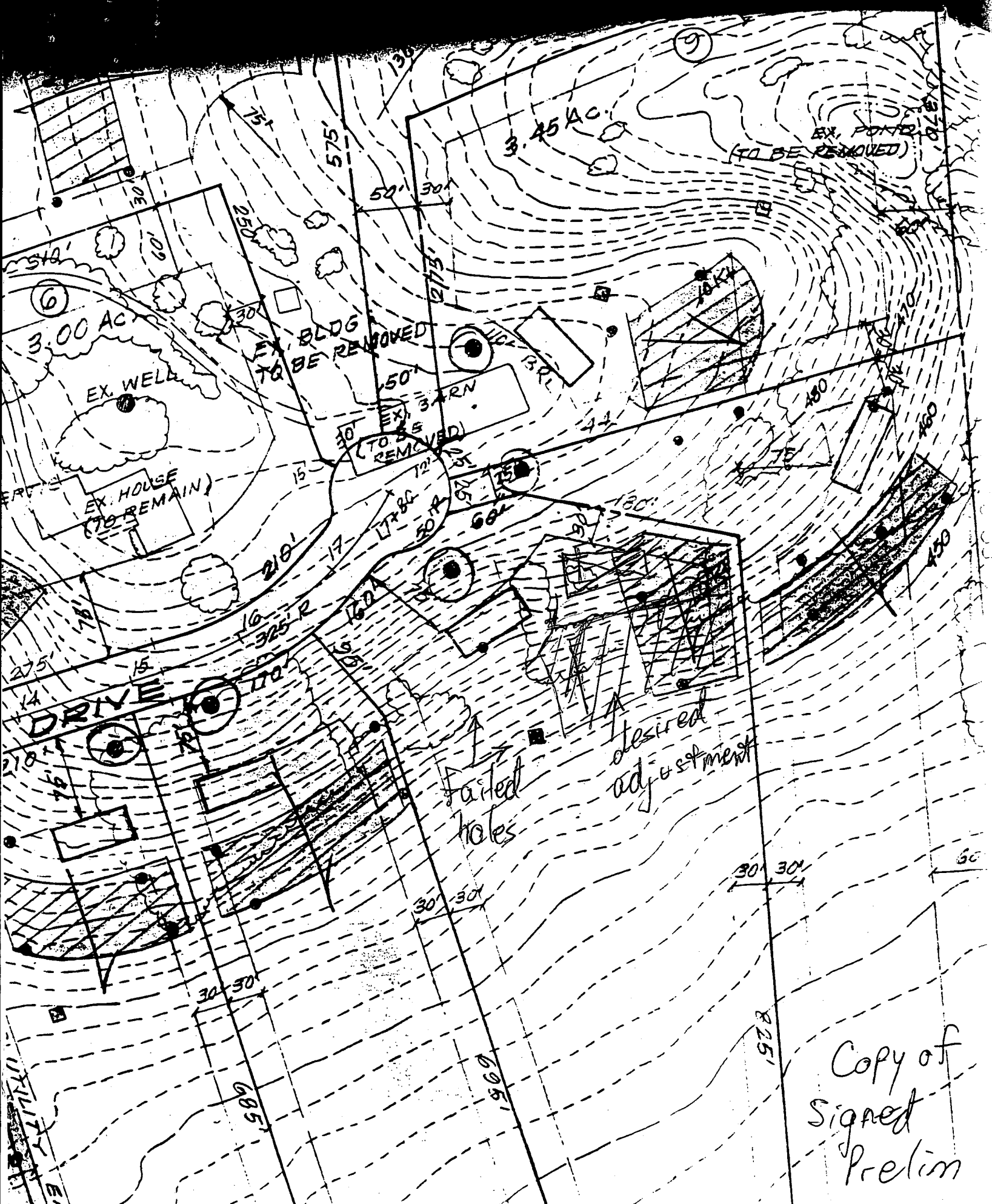
10-11-95

WANTS TO MOVE
EASEMENT

Signed [Signature]

NO SHOW (20)





9

6

3.45 AC

3.00 AC

EX. WELL

EX. HOUSE
(TO REMAIN)

DRIVE

EX. BLDG
TO BE REMOVED

BARN

BRL

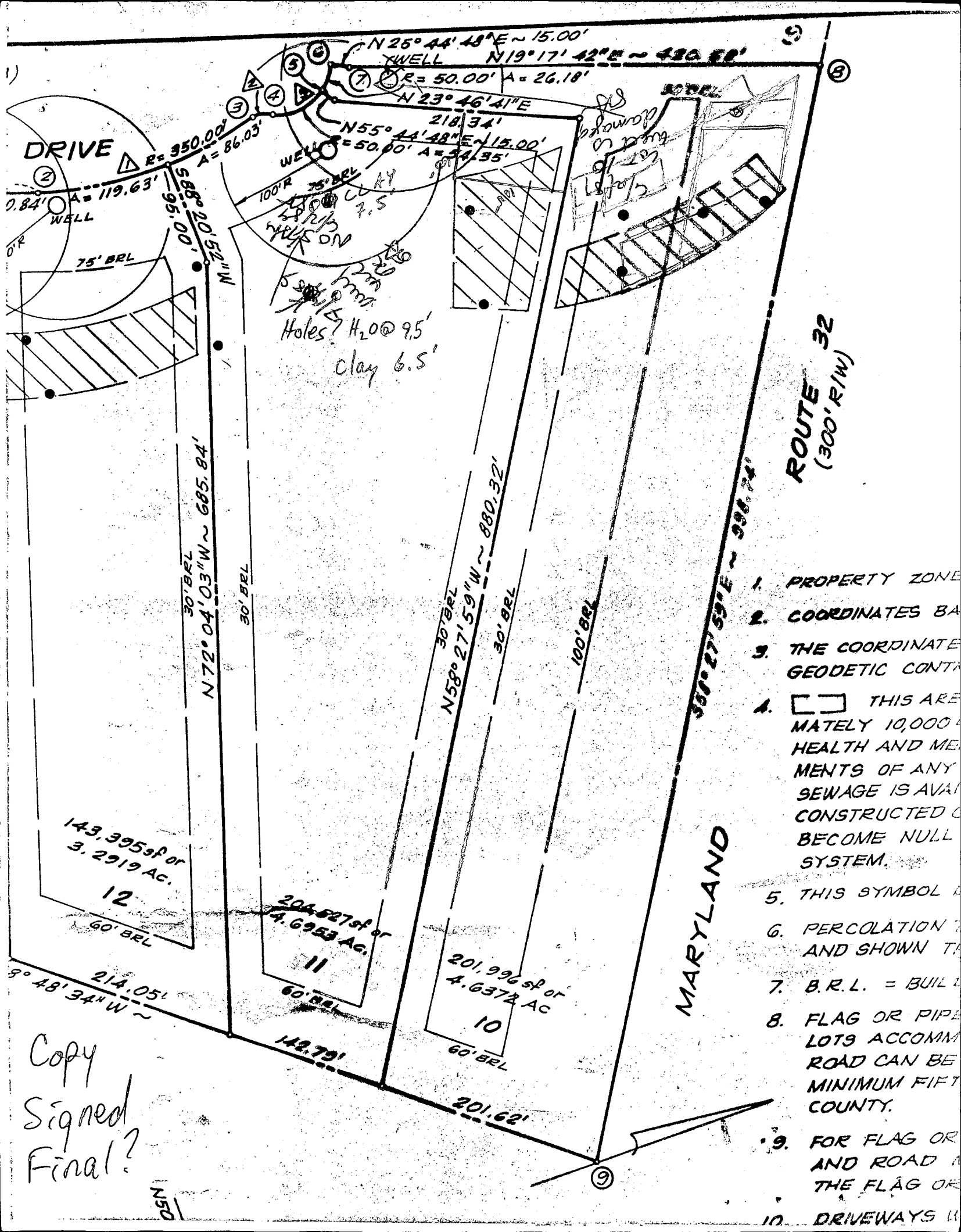
EX. (TO BE REMOVED)

STARTED HOLES

DESIRED ADJUSTMENT

EX. POINTS
(TO BE REMOVED)

Copy of
Signed
Prelim



DRIVE

WELL
 $R = 350.00'$
 $A = 86.03'$
 $566.20.52'' W$
 $95.00'$
 $75' BRL$

$N 25^{\circ} 44' 48'' E \sim 15.00'$
 WELL $N 19^{\circ} 17' 42'' E \sim 430.50'$
 $R = 50.00' A = 26.18'$

$N 23^{\circ} 46' 41'' E$
 $218.34'$
 $N 55^{\circ} 44' 48'' E \sim 15.00'$
 $R = 50.00' A = 26.18'$

Holes? $H_2O @ 95'$
 clay 6.5'

ROUTE 32
 (300' R/W)

MARYLAND

143,395 sq ft or
 3.2919 Ac.

204,527 sq ft or
 4.6953 Ac.

201,996 sq ft or
 4.6372 Ac

Copy
 Signed
 Final?

1. PROPERTY ZONE
2. COORDINATES BA
3. THE COORDINATE
 GEODETIC CONTA
4. THIS ARE
 MATELY 10,000
 HEALTH AND ME
 MENTS OF ANY
 SEWAGE IS AVAI
 CONSTRUCTED C
 BECOME NULL
 SYSTEM.
5. THIS SYMBOL
6. PERCOLATION
 AND SHOWN TA
7. B.R.L. = BUIL
8. FLAG OR PIPE
 LOTS ACCOMM
 ROAD CAN BE
 MINIMUM FIFT
 COUNTY.
9. FOR FLAG OR
 AND ROAD
 THE FLAG OR
10. DRIVEWAYS

1550

APPLICATION

PERCOLATION TESTING

A 39246

P _____

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

DISTRICT 5

DATE 4-16-87

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 ^{CARROLL MARKLEY} ~~CHARLES E. WILSON 596-9604~~

ADDRESS 6570 Rt 32 CLARKSVILLE MD 21029 PHONE 854-0809

PROSPECTIVE BUYER RAO GROUP Inc

ADDRESS 6570 Rt 32 CLARKSVILLE MD 21029 PHONE 854-0809

PROPERTY LOCATION:
SUBDIVISION EVANGER PROPERT WESTSIDE LOT NO. 11 P-87-12
12

ROAD AND DESCRIPTION C-5909 Ten Oaks Rd CLARKSVILLE MD

TAX MAP 34 PARCEL # 3

SIZE OF LOT 6.6 Ac

BLDG. PERMIT SIGNED
AND RETURNED 1/18/96
Serial # 63053-1
Single Family
TYPE BLDG. 4 (Bems)
(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.

W. K. Karpalidis
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 6-30-87 Perc. Unsat. secondary - hold for plant RAO

BLDG. PERMIT SIGNED
AND RETURNED 10/26/89
Serial # 30302 - Storage building

THIS IS NOT A PERMIT

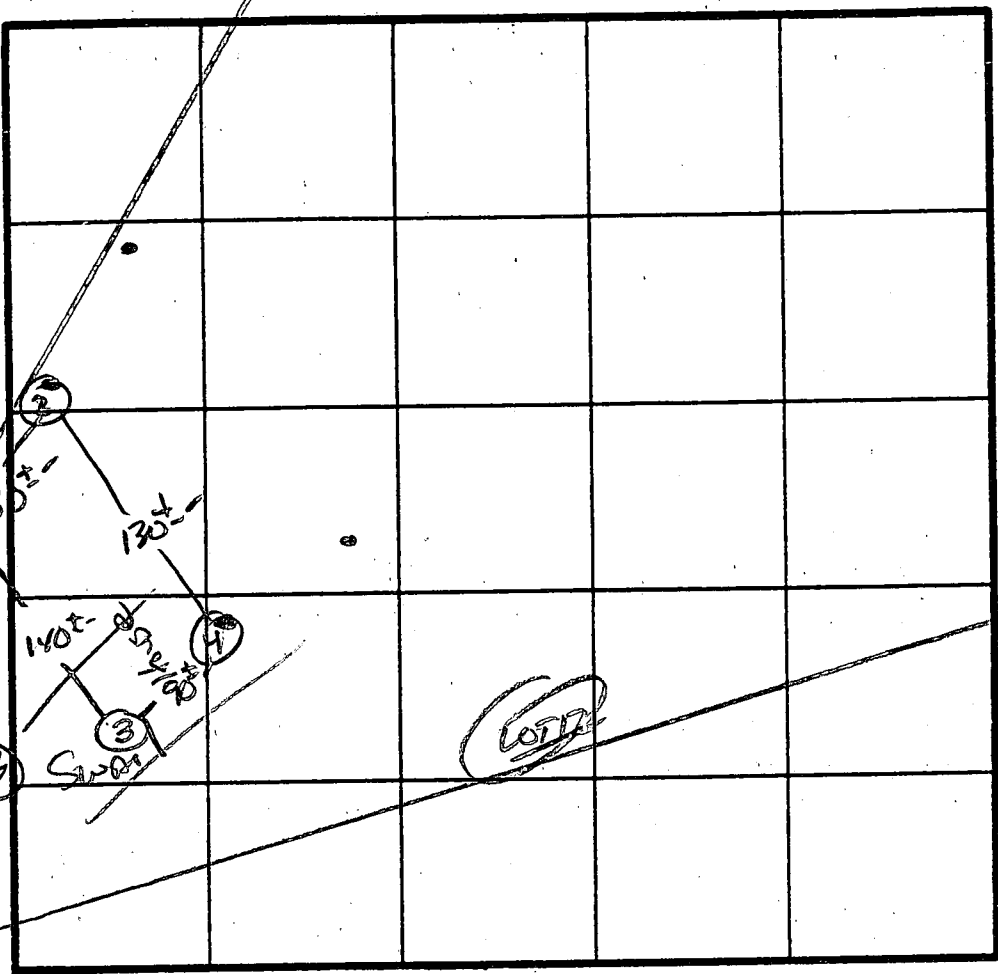
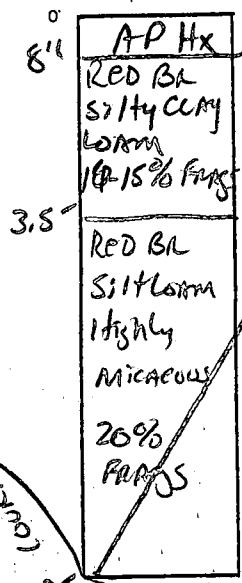
X Perc 3 min

180 φ / BR

Inlet 2.5"
Bottom 4.5"

Soil

① → ②
SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

↓ TO TEN OAKS RD.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
10/30/67	1S	3.5	10:15	10:17	10:17	10:22	5 MIN
		7.5	10:15	10:16	10:16	10:18	2 MIN
	1V	13'	UNIFORM	Soil below 3.5'			
	2S	4"	10:25	10:26	10:26	10:28	2 MIN
		12.5'	UNIFORM	Soil below 3.5'			
	3V	CLAY TO 7.5' + ROCKY					
	4U	CLAY TO 6.5' Soil moist AT 9.5'					
use hole 3 & 4. for other perc holes from LOT II							
	3	X Perc 2 min	DEPTH 12.5	CLAY TO 3			
	4	X Perc	NA VISUAL	CLAY TO 3'			

REMARKS: Holes Diff Than Plat - Shallow Sq. ST - Failed - Swart / Soil Moist + Clay

TYPE OF SOIL: MANOC

TESTED BY: S. Abel

ALSO PRESENT: SKIP, ROCKY

EH-12-1079

Howard County Health Department

To: File

Westside Lot-11
Clifton Oaks Drive

Driller will remove bent casing, ream out well and install new casing before grouting. Spoke to Mike of G. Edgar Harr & Sons.

From: J. Nadeau

Date: 11-6-89

HD-170 CASING PULLED, RESET

WILL BE GROUTED 11/8/89 C.W.

5604

SEQUENCE NO. (DP USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

STATE PERMIT NUMBER

40-88-0877

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

please print or type

fill in this form completely

Date Received (APA)

060589

OWNER INFORMATION

BAO GROUP INC

6570 A130

CLARKSVILLE MD 21029

LOCATION OF WELL

HOWARD

WESTSIDE

SECTION LOT 11

CLARKSVILLE

MILES FROM TOWN (enter 0 if in town) 1 1/2 MI

DRILLER INFORMATION

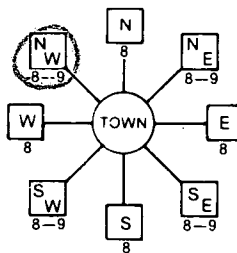
Joseph L. MAYNE 239

Joseph L. Mayne Well Drilling

5512 RIDGE RD. Mt. Airy 21771

Signature Date 5/30/89

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



CLIFTON OAKS DR.

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



DISTANCE FROM ROAD ENTER FT or MI 40 FT

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 A 39246
COUNTY NAME COUNTY NO.
STATE SIGNATURE INSERT S
DATE ISSUED 071489 CO SIGNATURE EXP. DATE 01-13-90
NORTH GRID 502000 EAST GRID 0811000

APPROXIMATE DEPTH OF WELL 300 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH

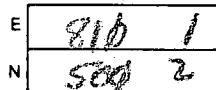
METHOD OF DRILLING (circle one)

BORED (or Augered) JETTED Jetted & DRIVEN
AIR-ROTary AIR-PERCussion ROTARY (Hydraulic Rotary)
CABLE REVERSE-ROTary Drive-POINT

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

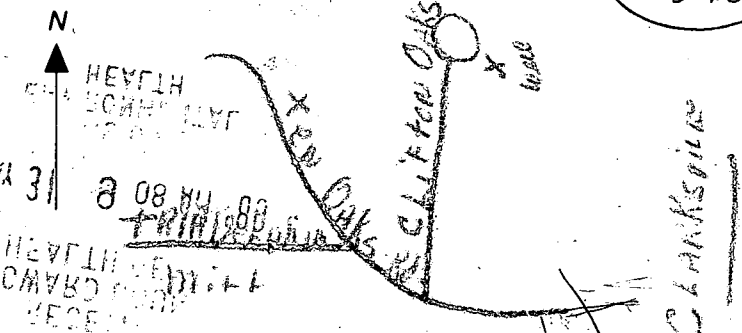
N THIS WELL WILL NOT REPLACE AN EXISTING WELL
Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY
D THIS WELL WILL DEEPEMED AN EXISTING WELL
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X
SOURCES OF DRILLING WATER
WRITE THE BOX NUMBER FROM THE MAP HERE



10/16/89 WELL SITE NOT LOCATED - COVERED OVER BY FILL DIRT MR 10-30-89 9:30 am 36 ft casing 1 ft above grade - bent. # No one on site 9:50-10:15 am # Fill removed around well w/ cap broken, casing bent 4/50

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



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

APPROP. PERMIT NUMBER GAP

FORCE SA PERMIT NO. 40-88-0877

SPECIAL CONDITIONS

CASING DAMAGED BY BULLDOZER

CASING PULLED

HOLE REAMED

CASING RESET

11/8/89 9:30 GROUT

11-8-89 10:45 am No opportunity to observe grout. Well 475ft deep. 40 ft casing, 3 ft above grade, Grouted JEN.

RECEIVED
HOWARD COUNTY
HEALTH DEPT.
MAY 31 9 08 AM '89
DEPT. OF ENVIRONMENTAL
HEALTH

C1 1015 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-31246

ST/CO USE ONLY DATE Received DATE WELL COMPLETED

Depth of Well 475 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-88-0877

OWNER RAO GROUP INC. STREET OR RFD last name CLINTON CARS DR first name TOWN CLARKSVILLE SUBDIVISION WESTSIDE SECTION LOT 11

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), Check if water bearing. Includes entries for Mica/Shale and Gray Rock.

GROUTING RECORD: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL CEMENT CM, BENTONITE CLAY BC, NO. OF BAGS 8, NO. OF POUNDS 800.

CASING RECORD: casing types insert appropriate code below, MAIN CASING TYPE ST, Nominal diameter top (main) casing 6, Total depth of main casing 36.

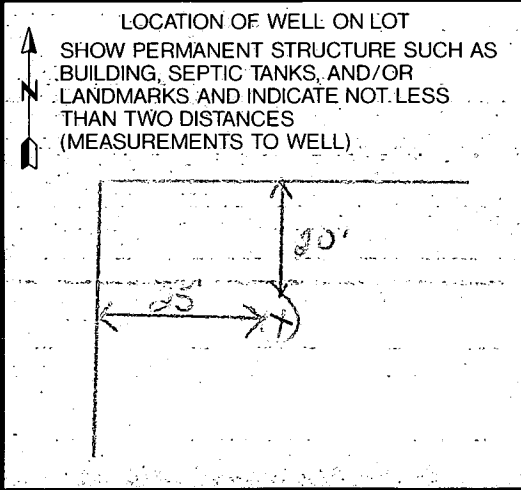
OTHER CASING (if used) diameter inch, depth (feet) from to.

SCREEN RECORD: screen type or open hole insert appropriate code below, SCREEN DEPTH (nearest ft.) HO 36, 475.

SLOT SIZE 1 2 3, DIAMETER OF SCREEN (NEAREST INCH), GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68.

PUMPING TEST: HOURS PUMPED (nearest hour) 6, PUMPING RATE (gal. per min. to nearest gal.) 2, METHOD USED TO MEASURE PUMPING RATE submersible, WATER LEVEL (distance from land surface) BEFORE PUMPING 55, WHEN PUMPING 312, TYPE OF PUMP USED (for test) S submersible.

PUMP INSTALLED: DRILLER WILL INSTALL PUMP YES NO, TYPE OF PUMP INSTALLED, CAPACITY: GALLONS PER MINUTE, PUMP HORSE POWER, PUMP COLUMN LENGTH, CASING HEIGHT (circle appropriate box and enter casing height) above/below LAND SURFACE.



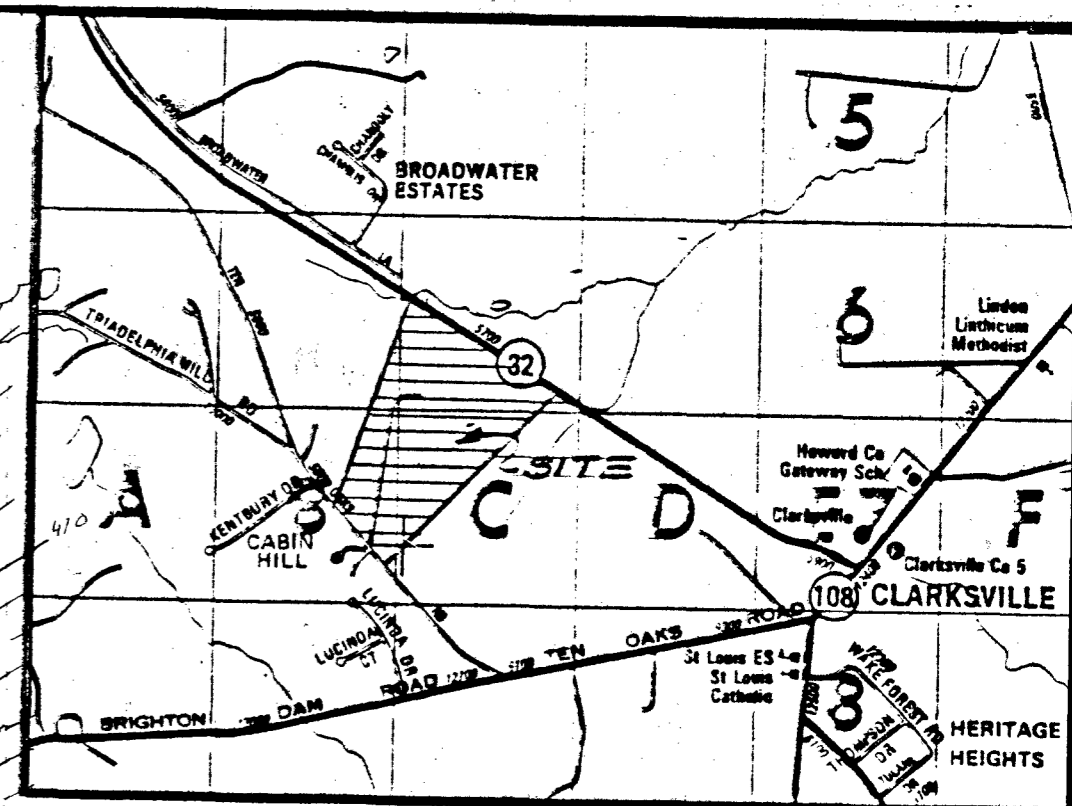
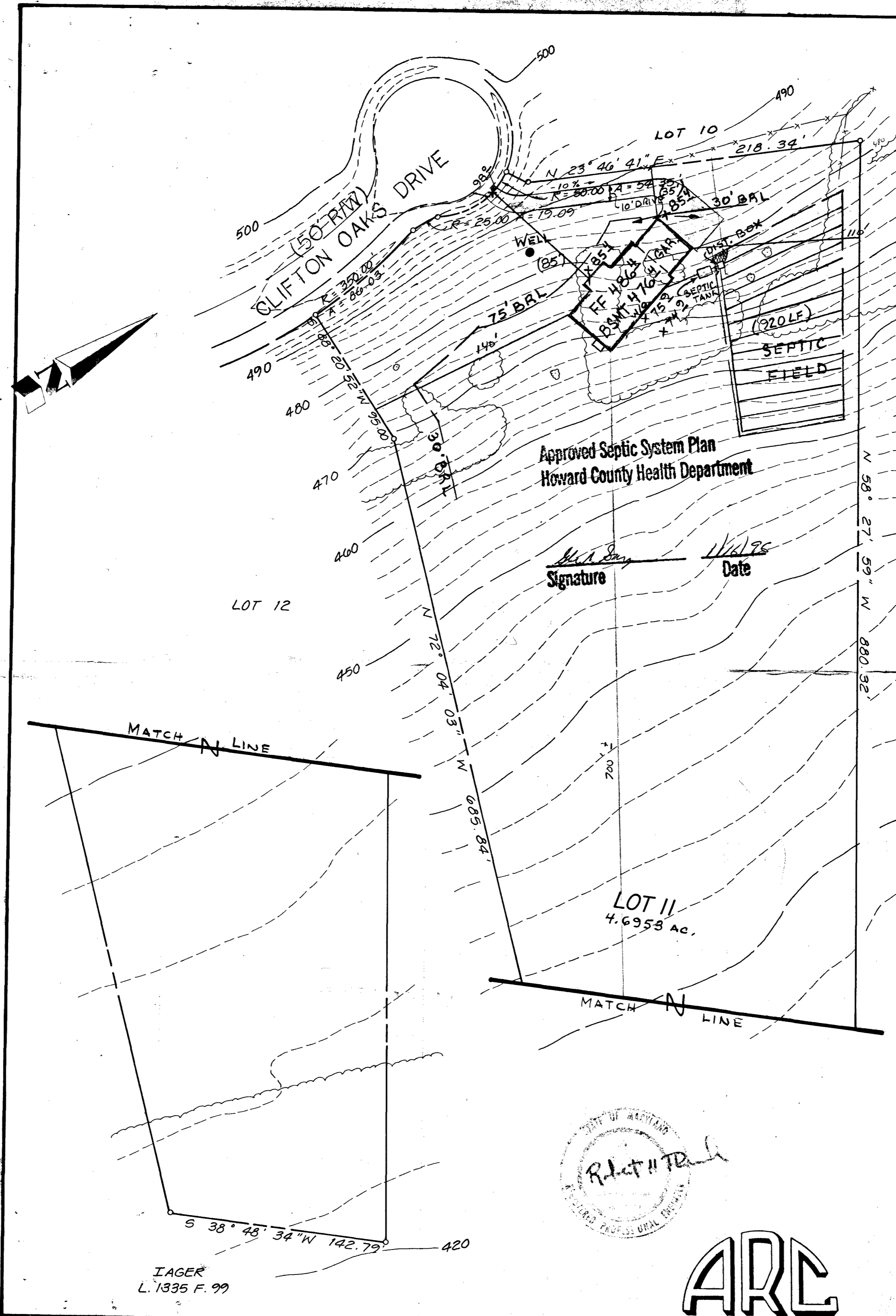
A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED, E ELECTRIC LOG OBTAINED, P TEST WELL CONVERTED TO PRODUCTION WELL.

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...

DRILLERS IDENT. NO. 399, DRILLERS SIGNATURE, SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee).

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

COUNTY



VICINITY MAP
SCALE: 1" = 2000'

SEPTIC SYSTEM DATA

1. PROPOSED HOUSE: 2 STORY WITH 4 BEDROOMS
2. PERCOLATION RATE: 1" / 3MIN. (2.5' MIN. DEPTH)
3. SEPTIC TANK CAPACITY: 1500 GALLONS MINIMUM
4. ALL TRENCHES SHALL BE 3 FEET WIDE. TRENCH INLETS SHALL BE 2.5 FEET BELOW ORIG. GRADE. MAX. TRENCH DEPTH SHALL BE 4.5' BELOW ORIG. GRADE. PROVIDE 2 FEET OF STONE BELOW PIPES IN TRENCHES. ALL TRENCHES SHALL BE 10 FEET CENTER TO CENTER.
5. HOUSE FIRST FLOOR ELEVATION: 486.4
HOUSE BASEMENT FLOOR ELEVATION: 476.4
6. SEPTIC SYSTEM ELEVATIONS

INVERT FROM HOUSE	-	475.4
SEPTIC TANK GROUND	-	476.9
SEPTIC TANK ELEVATION IN	-	474.8
SEPTIC TANK ELEVATION OUT	-	474.6
DIST. BOX GROUND	-	476.7
DIST. BOX ELEVATION IN	-	474.4
DIST. BOX ELEVATION OUT	-	474.2
TRENCH # 1 GROUND	-	476.5
TRENCH # 1 INVERT	-	474.0
TRENCH # 2 GROUND	-	474.7
TRENCH # 2 INVERT	-	472.2
TRENCH # 3 GROUND	-	473.0
TRENCH # 3 INVERT	-	470.5
TRENCH # 4 GROUND	-	471.0
TRENCH # 4 INVERT	-	468.5

7. TRENCH LENGTH TO BE DETERMINED AT SEPTIC PERMIT ISSUANCE.

■ AREA TO BE DELETED FROM SEPTIC EASEMENT

BY COPY OF THIS PLAN, THE HEALTH DEPARTMENT ACCEPTS THE PROPOSED MODIFICATION TO THE SEWAGE EASEMENT. CARROLL MARLEY PROVIDED VERIFICATION THAT HOME IS TO HAVE 4 BEDROOMS 3/20/96 *CM*

[Signature]
Signature
11/16/95
Date



SITE PLAN
LOT 11, WESTSIDE SUBDIVISION
PLAT # 7994

5th ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
SCALE: 1"=50' NOVEMBER, 1995



ADVANCE RESOURCE CONSULTANTS INC.
9884 MAIN STREET
DAMASCUS, MARYLAND 20872
(301) 253-8926

IAGER
L. 1335 F. 99