

1/16/90 JAP

Tax ID - 05-408733

1/16/90 2 P.C.O.s
C.B.S.

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

P 45423

A 39236

DISTRICT 5th

DATE 1/16/90

DATE SYSTEM APPROVED 1/16/90

INSPECTOR C.B.S.

INDEXED

C. C. Cissel IS PERMITTED TO INSTALL ALTER

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

SUBDIVISION Westside ROAD 5907 Clifton Oaks Drive LOT 2

PROPERTY OWNER Rao Group Sita Construction Corp

ADDRESS Charles Ctr

~~EXGARBAGE GRINDER IS USED TO INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 25% XXXX~~

~~GARBAGE GRINDER XXXX YES XXXXXXXXXXXXXXXX NO XXXXXXXX~~

SEPTIC TANK CAPACITY _____ GALLONS NUMBER OF BEDROOMS (5 per drawing - bldg permit)

TRENCHES - 210 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 8 feet below original grade. Effective area begins at 4 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Place the first trench 160 feet off the front lot line and 130 feet off the right lot line as seen when facing the lot from Clifton Oaks Drive. Run trenches on contour toward left side and 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

BLDG. PERMIT SIGNED

AND RETURNED 7/24/90

Serial # 34175 - checked for

BLDG. PERMIT SIGNED

AND RETURNED 7/27/90

Serial # 33975 - Pmt.

39236

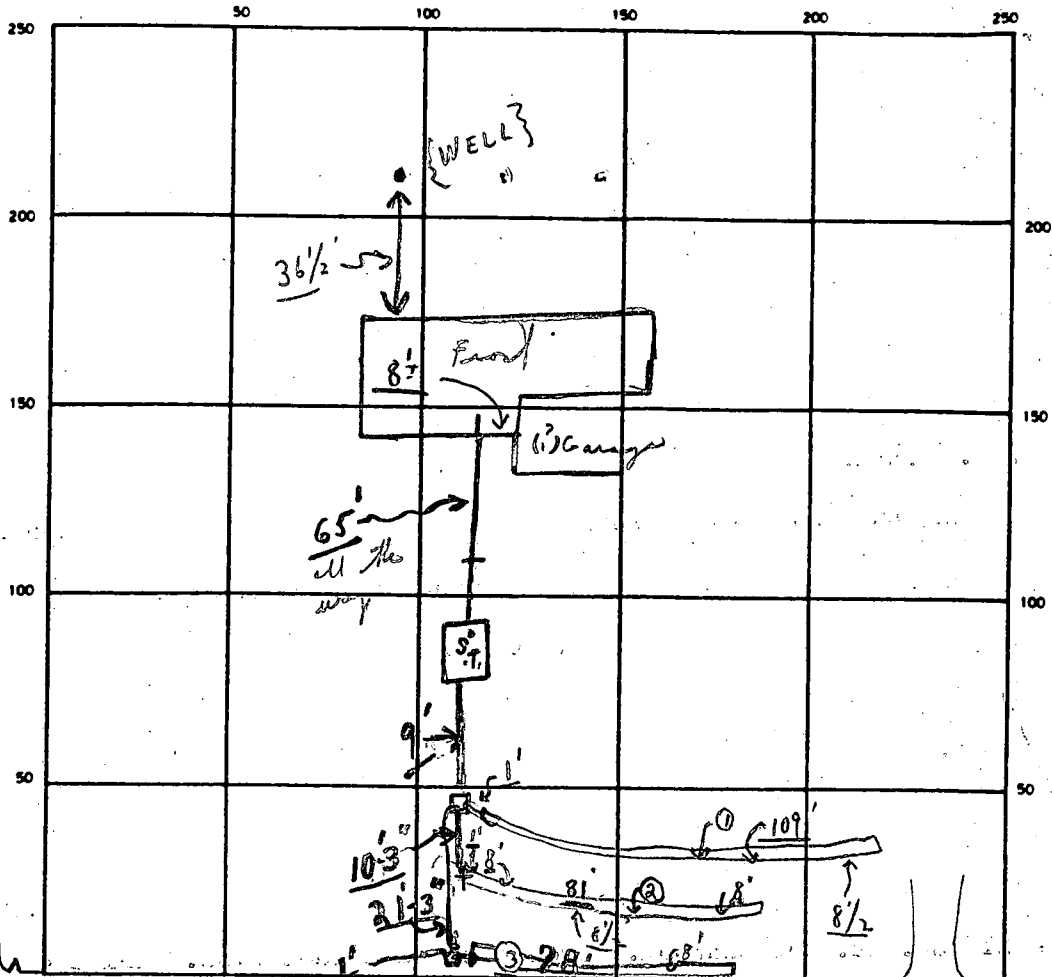
***INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT**

CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

BLDG. PERMIT SIGNED

AND RETURNED 12/21/90

Serial # 35847 - propose



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

CLIFTON OAKS DRIVE

SEPTIC TANK LEVEL OK CLEANOUTS OK

DISTRIBUTION BOX LEVEL OK (Baffle is in)

DRAIN FIELD/TILE FIELD DEPTH 38⁺ FT. TRENCH WIDTH 2 FT. INLET DEPTH 4⁴ FT.

EFFECTIVE GRAVEL DEPTH 4⁺ FT. TOTAL LENGTH 109^① 81^② 3268 FT.

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 1,072 SQ. FT.

DRYWELL INSIDE DIAMETER _____ FT. EFFECTIVE DEPTH BELOW INLET _____ FT.

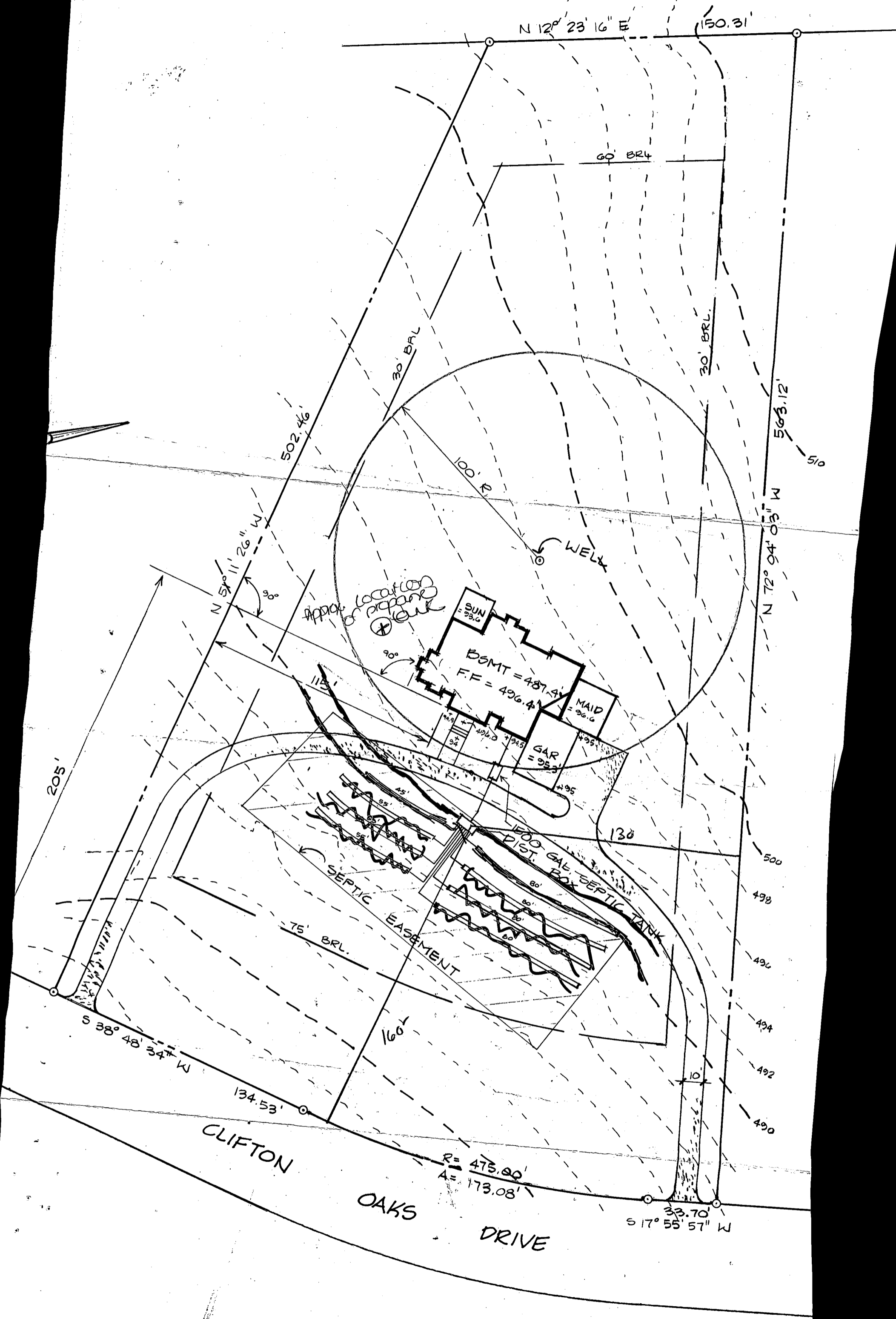
ABSORBENT AREA 1072 SQ. FT.

REMARKS ① 1/16/90 A.M. Partial; ok to continue; stone in trench only;
② P.M. Partial ok to continue -> 2 trenches, all done
③ Later P.M. - FINAL, C.B.S.

1/16/90 NEEDS - W.P.I. Permit - none in folder, C.B.S.

1/16/90 P.M. W.P.I. - Partial - pitless adapter + lines only ok to cover, C.B.S.

DATE SYSTEM APPROVED 1/16/90 INSPECTOR Charles Bryan Street



C1 0657 SEQUENCE NO. (DENV USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

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

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

COUNTY NUMBER A 39236

DATE Received

DATE WELL COMPLETED 090288

Depth of Well 260 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-88-0146

OWNER RAO GROUP INC. STREET OR RFD CLIFTON OAKS DR. TOWN CLARKSVILLE SUBDIVISION WESTSIDE SECTION LOT 2

WELL LOG Not required for driven wells STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

Table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), Check if water bearing. Includes handwritten entries: SPAD, 0-98, Gary M... 98-260.

GROUTING RECORD WELL HAS BEEN GROUTED (Y) (N) TYPE OF GROUTING MATERIAL CEMENT (CM) BENTONITE CLAY (BC) NO. OF BAGS 17 NO. OF POUNDS 1578 GALLONS OF WATER 102 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 50 ft.

CASING RECORD casing types insert appropriate code below MAIN CASING TYPE (S+) Nominal diameter (6) Total depth of main casing (105)

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

SCREEN RECORD screen type or open hole insert appropriate code below (S) (BR) (HO) (PL) (OT)

Table for SCREEN RECORD with columns for depth (nearest ft.) and rows for each screen section.

CIRCLE APPROPRIATE LETTER 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 10.17.13 "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. 232 DRILLERS SIGNATURE

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

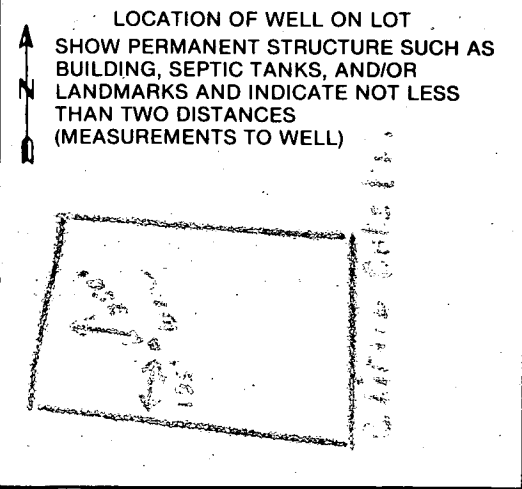
SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH) from to

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 (nearest hour) 3 PUMPING RATE (gal. per min. to nearest gal.) 65 METHOD USED TO MEASURE PUMPING RATE PUMP WATER LEVEL (distance from land surface) BEFORE PUMPING 32 WHEN PUMPING 101 TYPE OF PUMP USED (for test) C centrifugal S submersible

PUMP INSTALLED DRILLER WILL INSTALL PUMP (CIRCLE) YES (NO) TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE: CAPACITY: GALLONS PER MINUTE (to nearest gallon) PUMP HORSE POWER PUMP COLUMN LENGTH (nearest ft.) CASING HEIGHT (circle appropriate box and enter casing height) LAND SURFACE (nearest foot)



APPLICATION

PERCOLATION TESTING

A 39236

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

ADDRESS 6570 Rt 32 CLARKSVILLE, MD 21029 PHONE B54-0809

PROSPECTIVE BUYER RAO GROUP Inc

ADDRESS 6570 Rt 32 CLARKSVILLE, MD 21029 PHONE B54-0809

PROPERTY LOCATION:

SUBDIVISION CLOVENER LOT NO. 2

ROAD AND DESCRIPTION ~~5907~~ 5907, TEN OAKS RD, CLARKSVILLE
5907 CLIFTON OAKS DR.

TAX MAP 34 PARCEL # 3

SIZE OF LOT 3.04 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. Utopia Rd
(SIGNATURE OF APPLICANT)

APPROVED BY Sidy W... FOR Dee K... DATE 8-30-88

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 6-25-87 PERC SATISFACTORY - HOLD FOR SUBDIVISION PLAT. SAHL

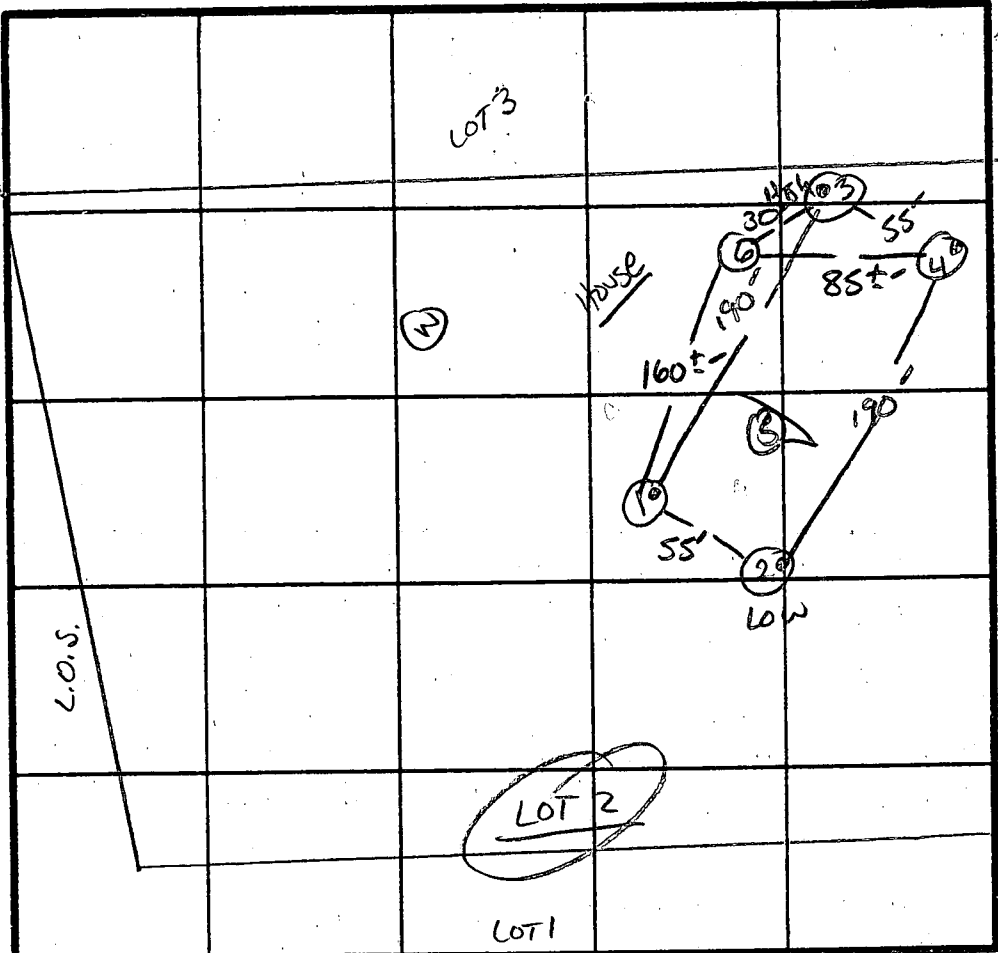
REG. PERMIT SIGNED
AND RETURNED 6-1-87

THIS IS NOT A PERMIT

BP26357
88

②
 ① → ④
 SOIL PROFILE

0	170 Hx
10"	Yellow Red Silty CLAY LOAM 10-15% FRAGS SOME SMALL QUARTZITE
4'	Yellow Red w/ PINK CLAYS 10-20% FRAGS. Highly MICACEOUS RED + yell. VIBES
13-13.5	Throughout #2



X Perc 10 MIN
 190 Φ/BA
 INLET 4.0
 BOTTOM 8.0

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		
4/25/87	1V	13'	UNIFORM soil below 4'					
	2 ^S		10:28	10:30	10:30	10:35	5 MIN	
	2V	13'	SIMILAR TO #1 CLOSER TO CLAY, MORE FRAGS.					
	3 ^S	5'	10:31	NO MOVEMENT 20 MIN				
	3M	8'	10:31	10:38	10:38	10:49	11 MIN	
	3V	13.5'	STRONG CHESTER GRAVELL, LOAM CLAY TO 4.5'					
	4 ^S	5.5'	10:35	LITTLE MOVEMENT 20 MIN				
	4V	13'	CLAY TO 4.5' LESS CLAY THAN #3.					
	3 ^S	6"	11:41	12:00	FLOW HOLE		700 SLOW	
	4 ^S	6"	11:42	11:45	11:45	11:51	6 MIN	
	5V	13'	UNIFORM below 4'					
	6 ^S	5.5'	1:06	1:10	1:10	1:25	15 MIN	

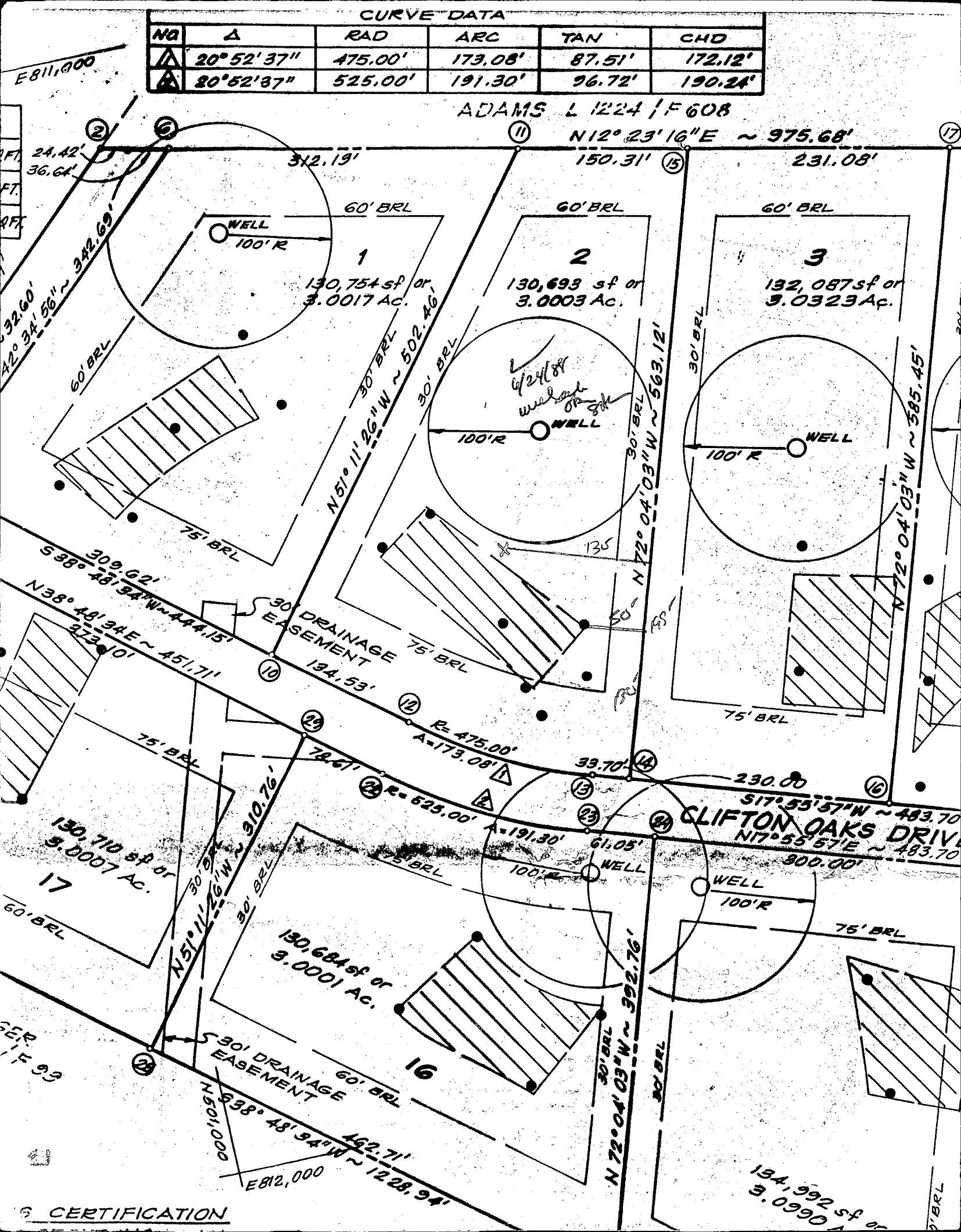
REMARKS ~~Holes per PLAT~~ Holes slightly diff than PLAT.
 TYPE OF SOIL CHESTER
 TESTED BY S. Abel ALSO PRESENT SKIP, Rocky

EH-12-1079

CURVE DATA

NO	Δ	RAD	ARC	TAN	CHD
1	20° 52' 37"	475.00'	173.08'	87.51'	172.12'
2	20° 52' 37"	525.00'	191.30'	96.72'	190.24'

ADAMS L 1224 / F 608



CERTIFICATION