

04-346572

① P.C.O. C.B.D.  
② P.C.O. C.B.D.

P 43111

A 38361

DISTRICT 4th

DATE 4/28/88

DATE SYSTEM APPROVED 12-20-88

INSPECTOR S. Abel

## PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

BUREAU OF ENVIRONMENTAL HEALTH

461-9933

INDEXED

Frederick Plumbing

IS PERMITTED TO INSTALL ☒ ALTER ☐

ADDRESS PHONE 663-1475

SUBDIVISION Glenwood Springs ROAD 2822 Saddlebred Court LG 14

PROPERTY OWNER Jerry Booth

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 4

TRENCHES - 260 sq. ft. per bedroom with garbage disposal. Trench to be 2 feet wide. Inlet 3.5 feet below original grade. Bottom maximum depth 8 feet below original grade. Effective area begins at 3.5 feet below original grade. 4.5 feet of stone below distribution pipe.

LOCATION - Beginning from the rear left corner, place the first trench 115 feet up the left (508.61') lot line and 15 feet off the same lot line as seen when facing the lot from right-of-way off Saddlebred Court. Run trenches on contour toward right lot line.

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

12-29-88 LOCATION UP LEFT LOT LINE ADJUSTED TO 90-95' TO FIT CONTOURS better  
P:ROSS AT 4" well line 3, 5-4' below grade - OK TO COVER Sid Abel

PLANS APPROVED BY well line. Sid Abel DATE 5/13/88

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 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 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 38361



INSPECTOR S. Abel

# APPLICATION

PERCOLATION TESTING

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

A 38361

P \_\_\_\_\_

DISTRICT \_\_\_\_\_

DATE \_\_\_\_\_

*4/3/87  
perc OK'd  
perd ing approved  
slat (in)*

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 JERRY BOOTH

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

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

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

PROPERTY LOCATION:

SUBDIVISION Glenwood Springs LOT NO. 14 *Actual Lot 1*

ROAD AND DESCRIPTION 2822 Saddlebred Ct.

TAX MAP \_\_\_\_\_ PARCEL # \_\_\_\_\_

SIZE OF LOT \_\_\_\_\_ TYPE BLDG. \_\_\_\_\_  
(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.

(SIGNATURE OF APPLICANT)

APPROVED BY S. Able FOR 5-13-88 Dup Ranch DATE 5-13-88

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

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

REASONS FOR REJECTION OR HOLDING for verified field location

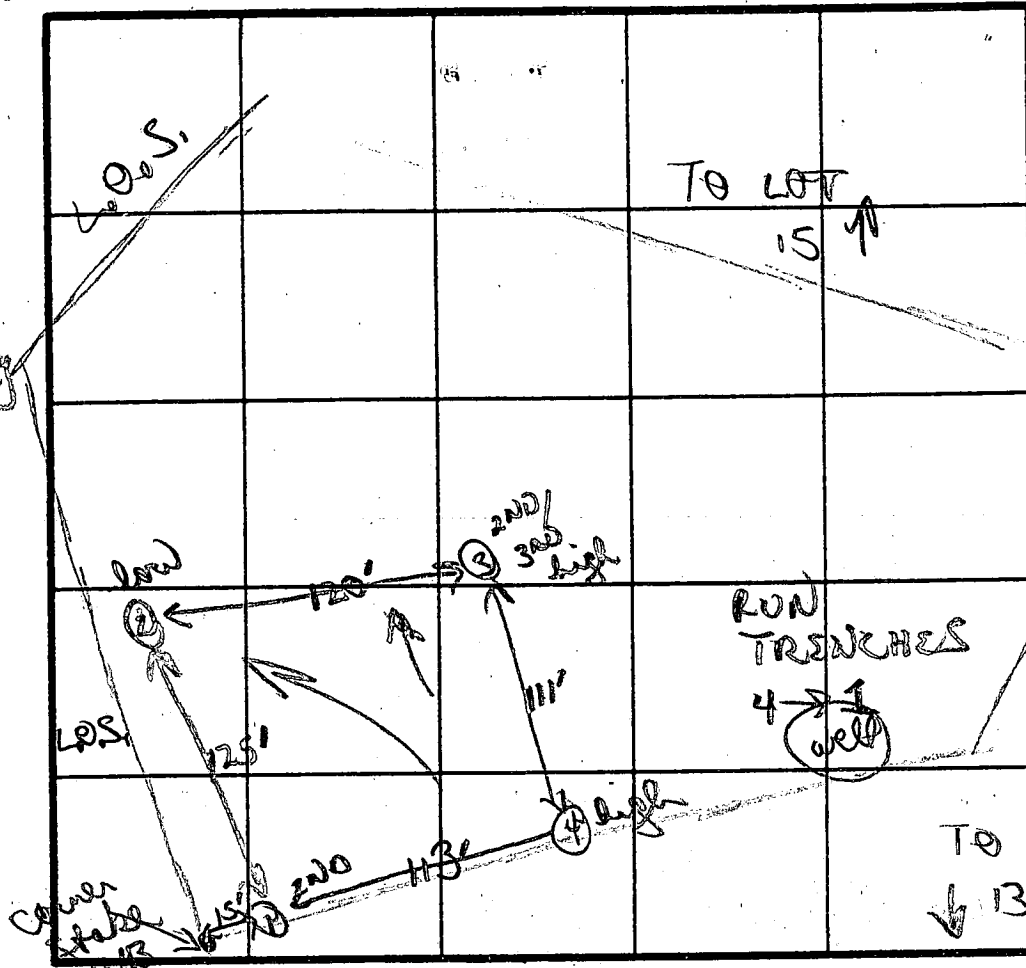
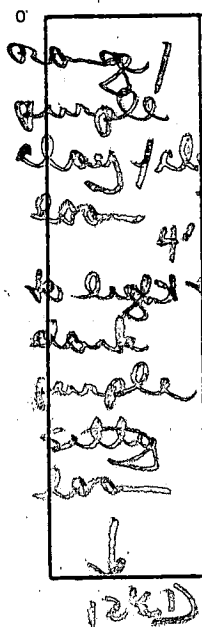
BLDG. PERMIT SIGNED

AND RETURNED 8-3-88

BP 20356 Sable

# THIS IS NOT A PERMIT

$\bar{X} = 5 \text{ mm}$   
 INLET 32"  
 MAX DI 8"  
 187 A/BORM



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

orange / purple  
clay 3'  
to clay / silt  
OT lean  
4 1/2"  
to light orange  
yellow silt

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
2/3/87	①	4'5	142	144	144	147	3MIN
		8'1M	142	145	145	149	4MIN
		12'3D	bottom (see profile)				
	④	4'5	150	152	152	154	2MIN
		11'3D	bottom (see profile)				
	③	3 1/2'5	219	223	223	230	7MIN
		8'1M	219	222	222	227	5MIN
		12'3D	bottom (see profile)				
	②	3'5	231	234	234	239	5MIN
		8 1/2'M	231	235	235	244	9MIN

REMARKS

TYPE OF SOIL

TESTED BY

**ALSO PRESENT**

purple / yellow  
clay to clay  
lca 3 1/2  
to purple  
yellow silt  
lca w/ 5-10  
small scatter  
frag 8' ↓

yellow purple  
slay to clay  
loo 1076 324  
te purple  
erow 1076 324  
loo w/ 5%  
fug 8" ↓

holes 124 common w/ lot 13

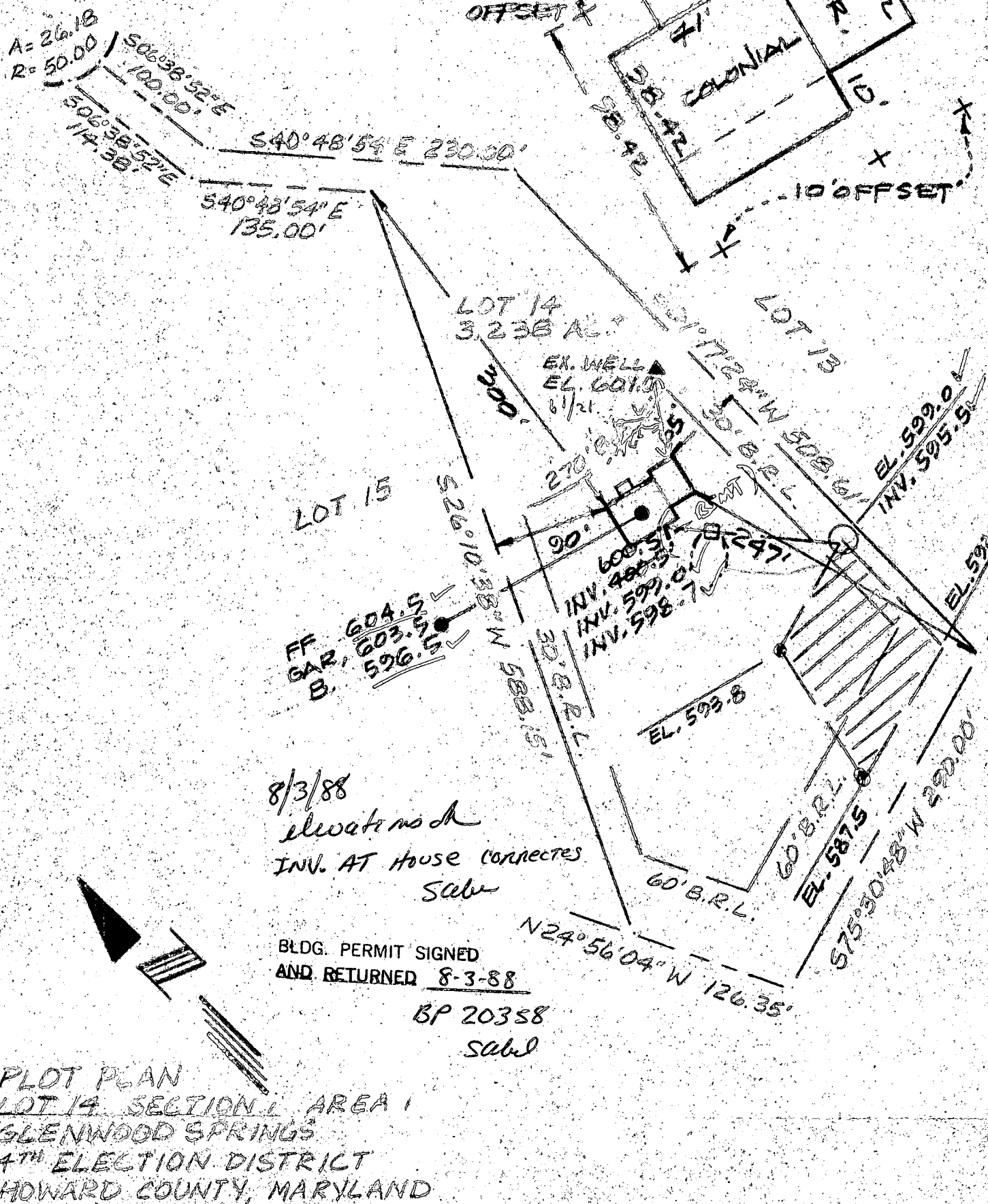
~~purple / orange clays & clay ls; or a purple~~  
~~with bones~~

B Nyan

ALSO PRESENT Cliff Mather

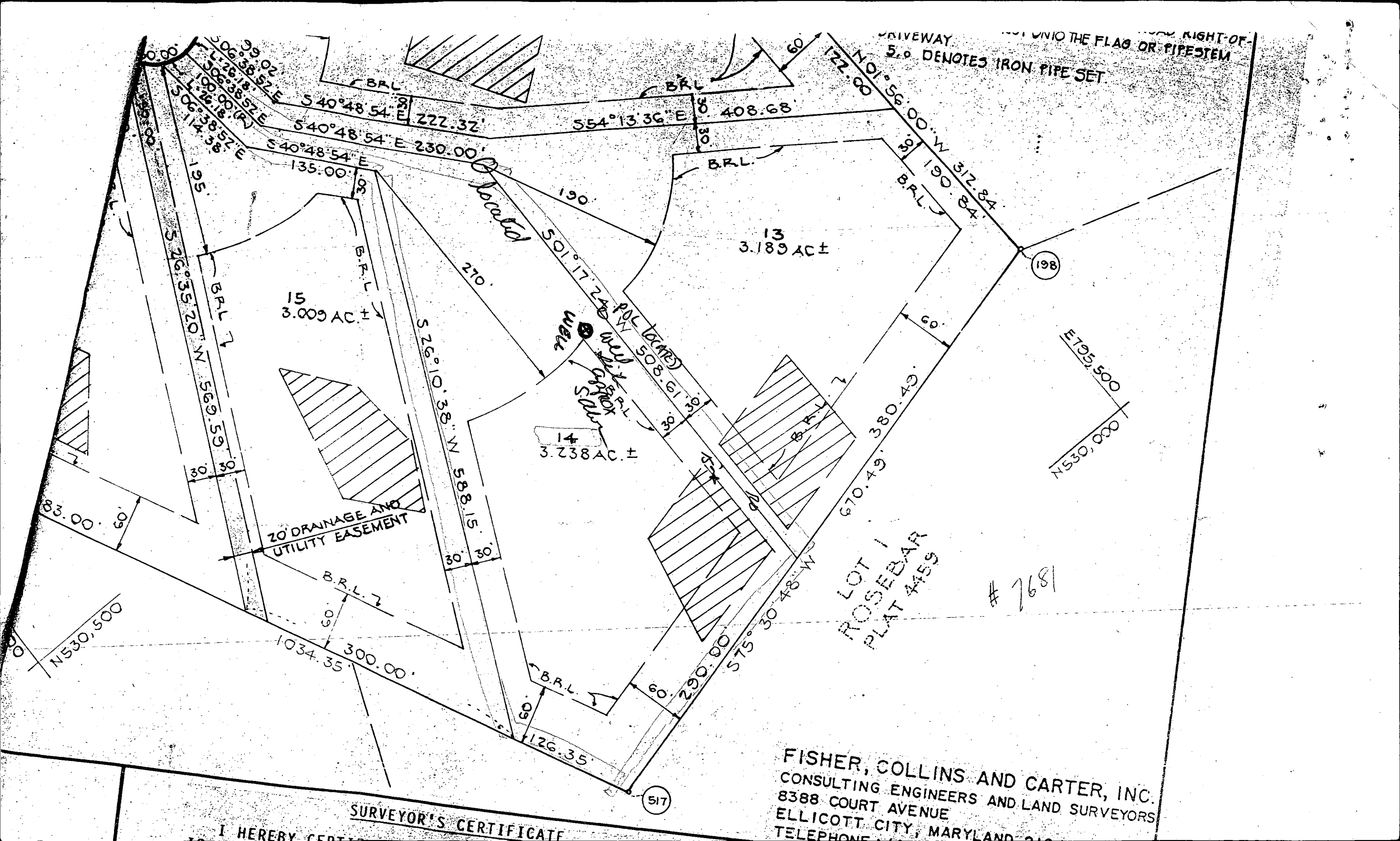
INSET  
SCALE - 1" = 30'

SADDLEBRED COURT



PLOT PLAN  
LOT 14, SECTION 1, AREA 1  
GLENWOOD SPRINGS  
4TH ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND

<b>Tri - County Surveys, Inc.</b> BOX 55 • DAMASCUS, MARYLAND 20872 • (301) 831-3655 LAND PLANNING CONSULTANTS • SUBDIVISIONS • LOTS & BOUNDARIES	REFERENCE	COUNTY OF	Drawn by: <i>CLW</i>
	Plat Book Plat No <i>7635</i>	HOWARD	Checked by:
<b>SURVEYOR'S CERTIFICATION</b> I hereby certify that the property delineated herein is in accordance with the Plat of Subdivision and/or deed of record, and that the same was prepared by a duly qualified and licensed surveyor. This Plat is not for determining property lines, but prepared for exclusive use of present owners of property and also those who purchase, mortgage, or guarantee the title thereto, within six months from date hereof, and as to them I warrant the accuracy of this Plat.  <i>William L. Wirts 7/25/83</i> WILLIAM L. WIRTS - Registered Land Surveyor - Maryland No. 10721  NOTE: This drawing is not intended or represented to be a lot stake out survey; no lot corners were set; and is not to be used, or relied upon, for the establishment of any fences, building or other improvements. No responsibility is extended herein to future purchasers.			Job No.: <i>88-0229</i>
			Scale: <i>1" = 100'</i>
			DATES
			Wall Ck.:
			Final Loc.:
			Recert.:



DRIVEWAY  
5.0' DENOTES IRON PIPE SET  
RIGHT-OF-WAY

13  
3.189 AC±

14  
3.238 AC±

15  
3.009 AC±

20' DRAINAGE AND  
UTILITY EASEMENT

LOT 1  
ROSEBAR  
PLAT #459

# 7681

FISHER, COLLINS AND CARTER, INC.  
CONSULTING ENGINEERS AND LAND SURVEYORS  
8388 COURT AVENUE  
ELLCOTT CITY, MARYLAND 21117  
TELEPHONE (301) 441-1111

SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY

<div>SEQUENCE NO. (DP USE ONLY)</div> <div>5610</div>		<div>STATE OF MARYLAND</div> <div>PERMIT TO DRILL WELL</div> <div>please print or type</div>		<div>STATE PERMIT NUMBER</div> <div>140-81-2738</div> <div>fill in this form completely</div>	
<div>Date Received (APA)</div> <div>042788</div> <div>OWNER INFORMATION</div> <div>ARMAN HESOLINTES</div> <div>PC BOX 122</div> <div>ELLENWOOD CITY MD 21043</div>		<div>LOCATION OF WELL</div> <div>HOWARD</div> <div>COUNTY</div> <div>GLENWOOD SPRINGS</div> <div>SUBDIVISION</div> <div>SECTION</div> <div>LOT 14</div> <div>CENWOOD</div> <div>NEAREST TOWN</div> <div>MILES FROM TOWN</div>			
<div>DRILLER INFORMATION</div> <div>Driller's Name</div> <div>Firm Name</div> <div>Address</div> <div>Signature</div> <div>Date</div>		<div>DIRECTION OF WELL FROM TOWN</div> <div>NEAR WHAT ROAD</div> <div>ON WHICH SIDE OF ROAD</div> <div>DISTANCE FROM ROAD</div>			
<div>WELL INFORMATION</div> <div>APPROX. PUMPING RATE</div> <div>AVERAGE DAILY QUANTITY NEEDED</div>		<div>USE FOR WATER</div> <div>HOME</div> <div>FARMING</div> <div>INDUSTRIAL</div> <div>PUBLIC OR PRIVATE WATER COMPANY</div> <div>TEST, OBSERVATION, MONITORING</div>			
<div>APPROXIMATE DEPTH OF WELL</div> <div>APPROXIMATE DIAMETER OF WELL</div>		<div>NOT TO BE FILLED IN BY DRILLER</div> <div>COUNTY NAME</div> <div>COUNTY NO.</div> <div>STATE SIGNATURE</div> <div>DATE ISSUED</div> <div>CO SIGNATURE</div> <div>EXP. DATE</div> <div>NORTH GRID</div> <div>EAST GRID</div>			
<div>METHOD OF DRILLING</div> <div>BORED</div> <div>JETTED</div> <div>Jettied &amp; DRIVEN</div> <div>AIR-ROTARY</div> <div>AIR-PERCussion</div> <div>ROTARY</div> <div>CABLE</div> <div>REVERSE-ROTARY</div> <div>Drive-POINT</div>		<div>SHOW MAJOR FEATURES OF BOX &amp; LOCATE WELL</div> <div>SOURCES OF DRILLING WATER</div> <div>WRITE THE BOX NUMBER FROM THE MAP HERE</div> <div>DRAW A SKETCH BELOW SHOWING LOCATION OF WELL</div>			
<div>REPLACEMENT OR DEEPEMED WELLS</div> <div>THIS WELL WILL NOT REPLACE AN EXISTING WELL</div> <div>THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED</div> <div>THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY</div> <div>THIS WELL WILL DEEPEN AN EXISTING WELL</div> <div>PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED</div>		<div>5/26/88 - NOT DONE</div> <div>location as per staked</div> <div>85' casing @ 2" ab</div> <div>unable to grant due to site conditions</div> <div>18' open hole</div> <div>bag cement</div> <div>sample taken</div> <div>casing loose out from core</div> <div>hug up around 18-20'</div> <div>will jet to 30' left prior to gravel complete</div>			
<div>APPROX. PERMIT NUMBER</div> <div>FORCE</div> <div>WRITE INITIALS IN BOX</div> <div>PERMIT NO.</div>		<div>SPECIAL CONDITIONS</div>			

C1 9524 SEQUENCE NO. (DENV USE ONLY)

1 2 3 6  
(THIS NUMBER IS TO BE PUNCHED  
IN COLS. 3-6 ON ALL CARDS)STATE OF MARYLAND  
WELL COMPLETION REPORT  
FILL IN THIS FORM COMPLETELY  
PLEASE PRINT OR TYPETHIS REPORT MUST BE SUBMITTED WITHIN  
45 DAYS AFTER WELL IS COMPLETED.COUNTY  
NUMBER

A-38361

DATE Received

DATE WELL COMPLETED

Depth of Well

PERMIT NO.  
FROM "PERMIT TO DRILL WELL"

8 13

15 20

22 26  
(TO NEAREST FOOT)

28 29 30 31 32 33 34 35 36 37

OWNER

CARMAN ASSOCIATES

STREET OR RFD

last name SADDIE BACD CT.

first name

TOWN

Glenwood

SUBDIVISION

Glenwood SPAINES

SECTION

LOT

14

## WELL LOG

Not required for driven wells

STATE THE KIND OF FORMATIONS  
PENETRATED, THEIR COLOR, DEPTH,  
THICKNESS AND IF WATER BEARINGDESCRIPTION (Use  
additional sheets if needed)

FEET

FROM

TO

Check  
if water  
bearing

SAND Stone

0 78

Gray Muck  
rock

78 325

## GROUTING RECORD

WELL HAS BEEN GROUTED  
(Circle Appropriate Box)yes no  
Y N

TYPE OF GROUTING MATERIAL

CEMENT CM

BENTONITE CLAY BC

NO. OF BAGS 10

NO. OF POUNDS 740

GALLONS OF WATER

DEPTH OF GROUT SEAL (to nearest foot)

from 0 ft. to 30 ft.  
(enter 0 if from surface)casing  
types  
insert  
appropriate  
code  
below

## CASING RECORD

ST CO  
STEEL CONCRETE  
PL OT  
PLASTIC OTHERMAIN Casing Nominal diameter Total depth  
TYPE top (main) casing of main casing  
(nearest inch) (nearest foot)

57 61 63 64 66 70

EACH  
CASING

## OTHER CASING (if used)

diameter depth (feet)  
inch from toscreen type  
or open hole  
insert  
appropriate  
code  
below

## SCREEN RECORD

ST BR HO  
STEEL BRASS OPEN  
PL BRONZE HOLE  
PLASTIC OTHER

C2

1 2  
EACH  
SCREEN

DEPTH (nearest ft.)

110 13 15 17 21 23 24 26 30 32 36 38 39 41 45 47 51

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

DEP USE ONLY

(NOT TO BE FILLED IN BY DRILLER)

T (E.R.O.S.)

WQ

70

72

74 75 76

TELESCOPE  
CASINGLOG  
INDICATOR

OTHER DATA

C3

1 2

## PUMPING TEST

HOURS PUMPED (nearest hour) 4

PUMPING RATE (gal. per min. to nearest gal.) 4

METHOD USED TO MEASURE PUMPING RATE Bucket

WATER LEVEL (distance from land surface)

BEFORE PUMPING 27 20

WHEN PUMPING 173 25

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  
(CIRCLE) (YES or 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: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 (nearest foot)  
- below }

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

E ELECTRIC LOG OBTAINED

P TEST WELL CONVERTED TO PRODUCTION  
WELLI 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. 257

DRILLERS SIGNATURE  
(MUST MATCH SIGNATURE ON APPLICATION)SITE SUPERVISOR (sign. of driller or journeyman  
responsible for sitework if different from permittee)

COUNTY



Page      of       
Date 5/26/88

Review OK/SA 8-3-88 SAL

FIELD DATA SHEET  
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 81-2738  
Location of property (road) SADDLEBRED CR.  
Subdivision Glenwood Springs Lot 14 Block      Plat      Sec.       
Well Driller J. MAYNE Owner CALMAN ASSOC.

Depth of well 325'  
Distance of measuring point (M.P.) above ground 2'  
Static water level (S.W.L.) below M.P. 27'

I. High rate pumping -- reservoir drawdown

Time pump started 8:20 Pumping rate 20 gpm.  
Total time 30 min. to reach pumping water level 175 ft 0 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)
8:35	102	3 sec		20
8:50	170	3		20
9:05	170	15		4
9:20	170	15		4
9:35	170	15		4
9:50	170	15		4
10:05	170	15		4
10:20	173	15		4
10:35	169	17		3 1/2
10:50	166	16		3 3/4
11:05	166	15		4
11:20	166	15		4
11:35	166	15		4
11:50	166	15		4
12:05	166	15		4
12:20	166	15		4
12:35	166	15		4
12:50	165	15		4
1:05	164	15		4
20				
35				
50				
2:05				
20				
HD-224 35				
50				