

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

DISTRICT 4th

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

INDEXED

DATE 7/7/87

DATE SYSTEM APPROVED 11/20/88

INSPECTOR C. Williams

Bill ONBAL

INDEXED IF
James Group II
Larry Ireland, 829-0356

BIB - BUS 78
1-717-359-9442

B & D Contracting Company (BUSTER)

IS PERMITTED TO INSTALL ALTER

ADDRESS 2300 N. TANNINGAY WESTMINSTER, MD. PHONE 1-717-359-9442
Westminster, MD 21797

SUBDIVISION Grimes Property ROAD 2355 Florence Road LOT Parcel C

PROPERTY OWNER Joseph Schwarz Gravel 20' - 5152

ADDRESS _____ 7-530

IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 22%.

GARBAGE GRINDER? YES _____ NO

SEPTIC TANK CAPACITY 1000 GALLONS NUMBER OF BEDROOMS 3

TRENCHES - 200 sq. ft. per bedroom. Trench to be 3 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 6 feet below original grade. Effective area begins at 4 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Place the distribution pipe 105 feet from the front (296.28') lot line and 105 feet from the left (711.13') lot line as seen when facing the lot from Route 94.. Run trenches on contour toward the left lot line.

NOTE - No trench is to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank.

PLANS APPROVED BY S. Abel DATE 4/28/87

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 APPROVAL ON THIS PERMIT**

CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

EN - 2-1186

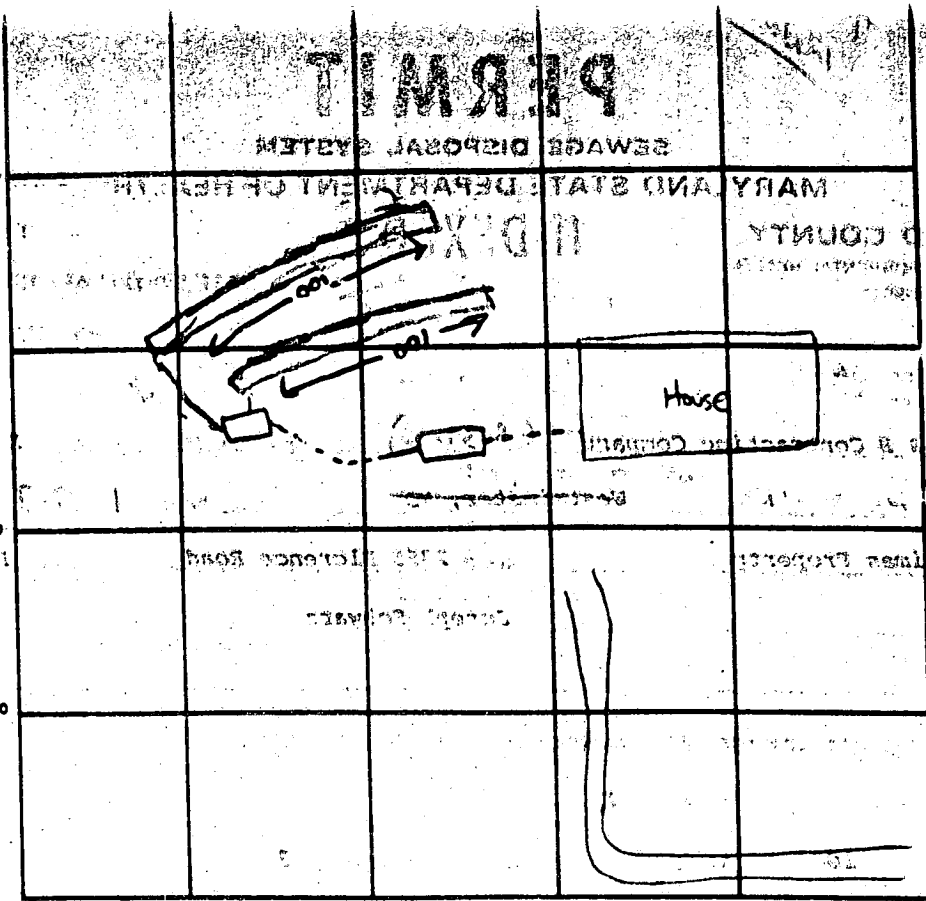
PERMIT SIGNED

AND RETURNED 9-3-98
Serial # 310113803
1-Story addition

A-19244
A-395-95

PERMIT

SEWAGE DISPOSAL SYSTEM



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK, LEVEL _____ CLEANOUTS _____

DISTRIBUTION BOX, LEVEL _____

DRAIN FIELD/TILE FIELD, DEPTH _____ FT. TRENCH WIDTH _____ FT. INLET DEPTH _____ FT.

EFFECTIVE GRAVEL DEPTH _____ FT. TOTAL LENGTH _____ FT.

NUMBER OF TRENCHES _____ ONE SIDEWALL/BOTTOM AREA _____ SQ. FT.

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

ABSORBENT AREA _____ SQ. FT.

REMARKS TRENCH LOCATION APPROXIMATE, MIX-UP RE: SEPTIC INSPECTION REQUEST.

APPROVED PER CONTRACTOR'S CERTIFICATION - SEE NOTE OF JAN 7, 1988.

DATE SYSTEM APPROVED 1/20/88 INSPECTOR C. Williams

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH DISTRICT _____

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

DATE _____

DATE SYSTEM APPROVED _____

INSPECTOR _____

P. 39593
A. 19244

Joseph Schwarz own
B + B Contracting

INDEXED

ADDRESS _____ IS PERMITTED TO INSTALL _____ ALTER _____
PHONE _____

SUBDIVISION Grimes Prop. Pmc Co ROAD S LOT _____

PROPERTY OWNER Schwartz

ADDRESS -2355- Rt 94 *Look for nearby mailboxes*

IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 22% *Let us not near Post*

GARBAGE GRINDER? YES _____ NO _____

SEPTIC TANK CAPACITY _____ GALLONS NUMBER OF BEDROOMS 3

2 ONE hundred foot trench 3 ft wide

PLANS APPROVED BY _____ DATE _____

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.

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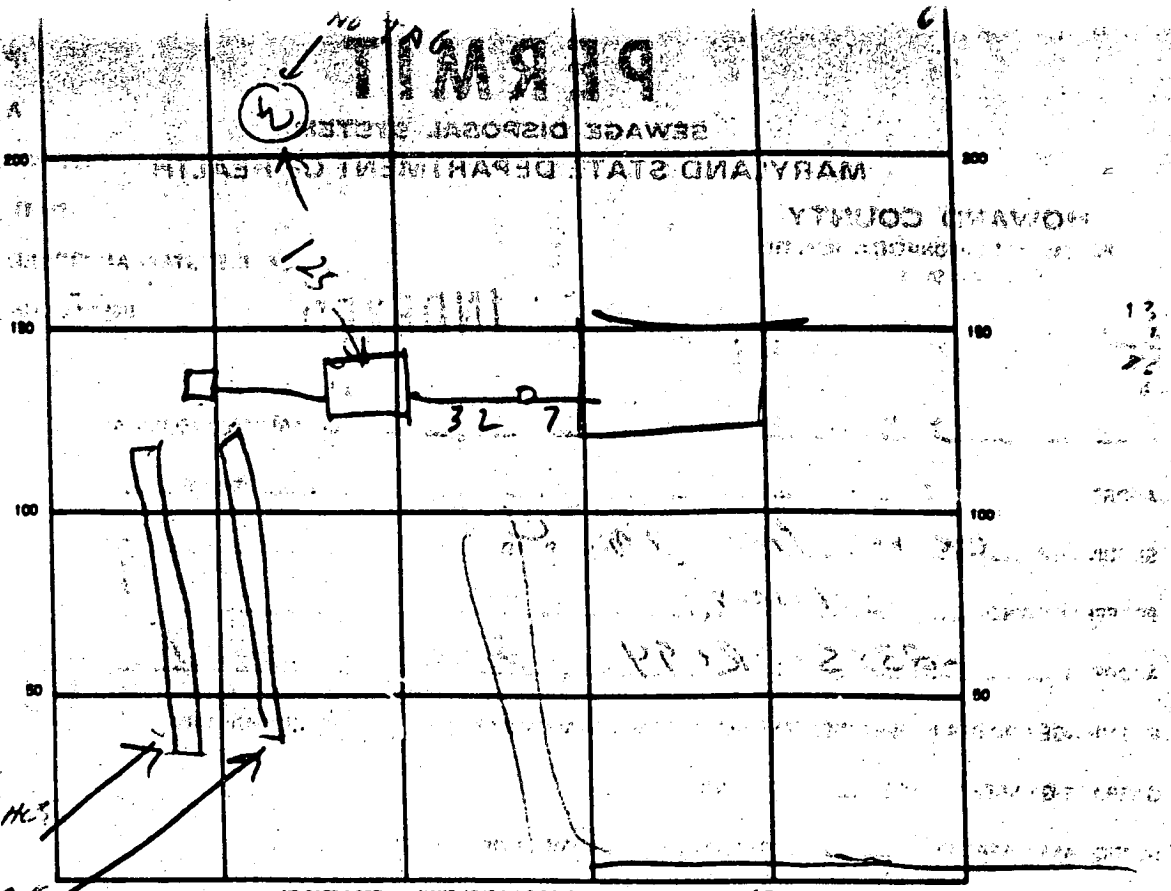
***INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT**

CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

EN 2-1186
03V0899A MD 01C STA0

4/19/24

NO. 12345
PERMIT
 SEWAGE DISPOSAL SYSTEM



2 TRENCHES
 EACH
 100 FT LONG
 ABOUT 6 FT DEEP STONE
 ALREADY DRILLED

SEPTIC TANK. LEVEL _____ CLEANOUTS _____

DISTRIBUTION BOX. LEVEL _____

DRAIN FIELD/TILE FIELD. DEPTH _____ FT. TRENCH WIDTH _____ FT. INLET DEPTH _____ FT.

EFFECTIVE GRAVEL DEPTH _____ FT. TOTAL LENGTH _____ FT.

NUMBER OF TRENCHES _____ ONE SIDEWALL/BOTTOM AREA _____ SQ. FT.

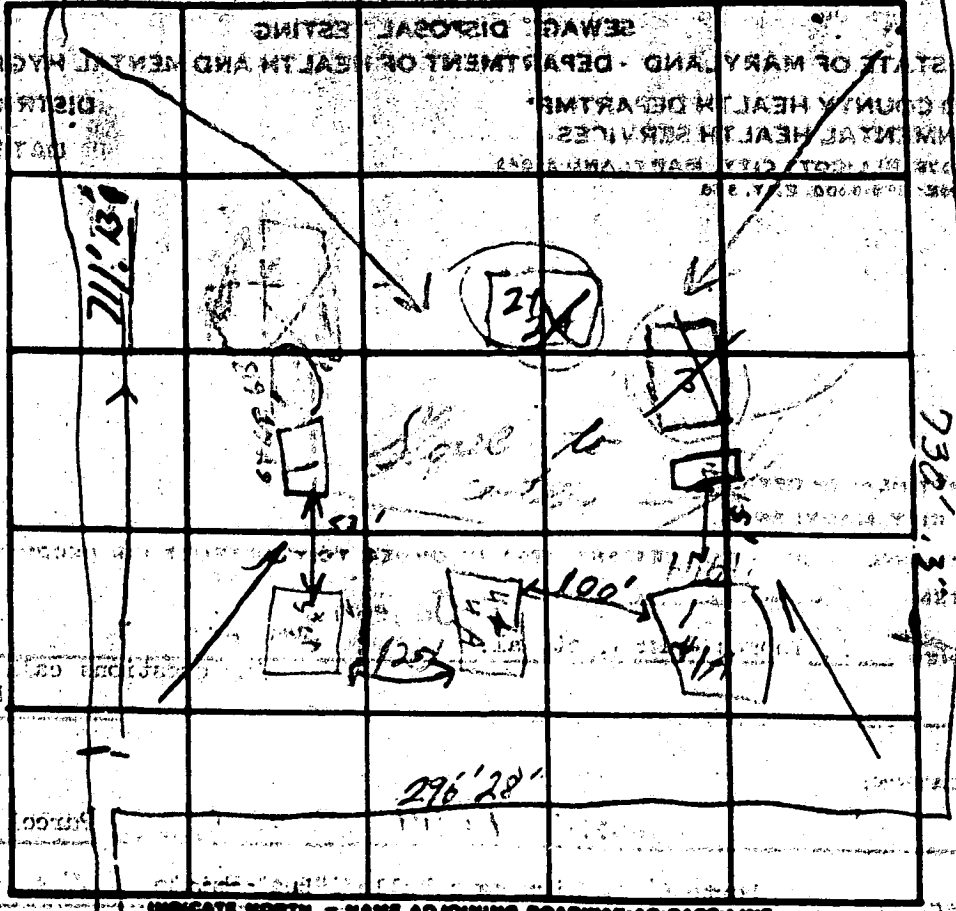
DRYWELL INSIDE DIAMETER _____ FT. EFFECTIVE DEPTH BELOW INLET _____ FT.

ABSORBENT AREA _____ SQ. FT.

REMARKS 7/14/97 needs Cleanout on Top R Pipe between
 House & Tank need to be cemented
 OK to cover Trenches
 7/14/97

DATE SYSTEM APPROVED 7/14/97 INSPECTOR Raymond Hodges

485



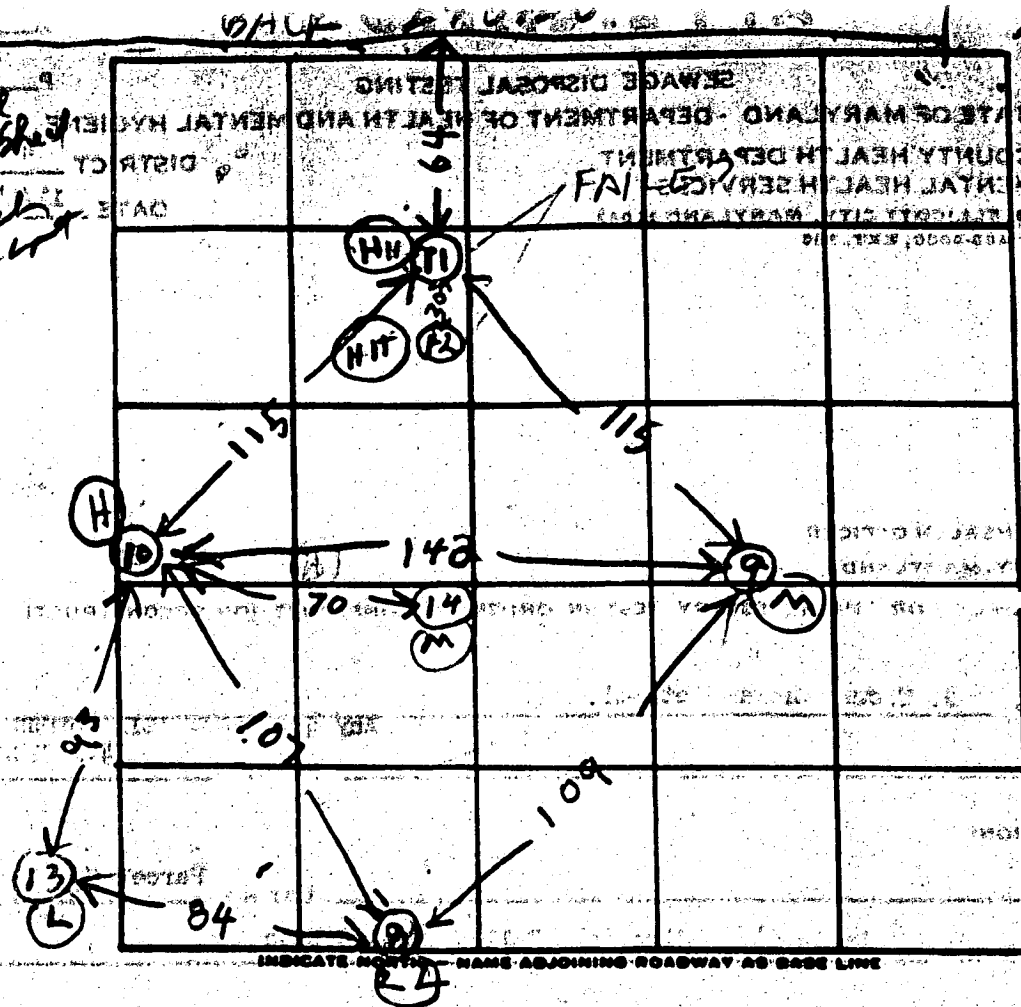
INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE-LINE

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11-25-59	1	5'	1115	1123	1123	1123	7 MIN
	2	1 1/2'	1116	1121	1121	1131	10 MIN
	3	3'	1120	X	slow percolation		
	3A	11'	1121	X			
	3B	5'	similar soil		to 2	2A	X
	4	1 HOLE AT 1 + 1A					
11-20-59	5	4 1/2'	1055	1105	1105	1120	15 MIN
	6	11 1/2'	1053	1100	1100	1120	23 MIN
	6	4 1/2'	1112	11:30	11:30		PULLED PERCOLATION SILENT

REMARKS: CERTIFY ALL HOLES
 TYPE OF SOIL: [unclear]

730.13

See attached & followed for sketch of lot



11713

HOLE ELEVATION
 H.H = Highest
 H = High
 L = Low
 LL = Lowest
 M = Medium

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11-20	6A	12'	1110	1120	1120	1133	19 1/2
	7	12'	SIMILAR TO 11		11 10		
	6B	6"	125	105	105	107	2 1/2
6/17/81	83	4'	1021	1031	1031	1045	14
	8D	8 1/2'	1021	1091	1031	1042	19
6/17/81	8V	13'	TOP 8 FT CLAY BOT SANDY SHALE		BOT SANDY SHALE		
	9D	8 1/2'	1027	1034	1034	1046	12
	9S	3 1/2'	1027	1041	1041	1102	23
	10S	4'	1035	1041	1041	1051	10
	10D	7 1/2'	1036	1041	1041	1051	10
	11S	3 1/2'	1056	1101	1101	1114	12
	11D	7 1/2'	1056	1113	1113	1207	54
	12V	13'	TOP 9 FT CLAY BOT SANDY SHALE		BOT SANDY SHALE		
	12V	6'	ROCK BOTTOM				
	13S	3 1/2'	1215	1220	1220	1225	5
	13D	7 1/2'	1215	1220	1220	1227	7
6/17/81	14V	12'	TOP 9 FT CLAY BOT 9 FT SAND				

Carl Hadley is surveyor

MRS. BOWIE DAUGHTER OF OWNER FRG
 RE: TERRY FAMILY PACKAGE

TYPE OF SOIL

ACKNOWLEDGMENT AND CONTROLS	DATE

Howard County Department of Health
 BUREAU OF ENVIRONMENTAL HEALTH
 RECORD OF INVESTIGATION

DISPOSITION	DATE

LOCATION 2355 FLORENCE RD. WOODBINE ZIP 21797

OWNER OCCUPANT JOSEPH SCHWARTZ ADDRESS (WIFE-GAIL HOME 28-5152) PHONE

COMPLAINANT ADDRESS PHONE

REASON FOR INVESTIGATION ICOP REQUEST. SEPTIC NEURAL INSPECTED.

BUILDERS - LAVIER GROUP MR CANNON / LARRY ISLAND.

INSTALLER - B+B CONTRACTING 1-717-359-9442 2300 N. TANNERY RD WESTMINSTER CO.

RECEIVED BY DATE ASSIGNED TO DATE

DATE OF INVESTIGATION 1/4/88 TIME 3PM WEATHER PHONE.

REPORT NUMEROUS CALLS TO OWNER/BUILDER FINALLY PUT US IN TOUCH WITH SEPTIC CONTRACTOR.
MANAGER OF B+B - (BUSTER) NOT IN. MESSAGE LEFT TO RETURN CALL.

TALKED TO BILL O'NEAL OF B+B, HE INDICATED HE INSTALLED SYSTEM AND REQUESTED INSPECTION 3 TIMES - NO ONE SHOWED, ON THE LAST CALL HE WAS TOLD SYSTEM HAD BEEN INSPECTED.

IT IS VERY LIKELY HE CALLED PLUMBING INSP. BY MISTAKE, IT IS ALSO POSSIBLE WE MISSED LOGGING THE INSPECTION REQUEST.

I AGREED THAT ^{WE} ~~HE~~ COULD ACCEPT A LETTER FROM HIM ATTESTING TO COMPLETION OF THE SYSTEM.

DATE SUBMITTED 1/4/87 SANITARIAN Craig Miller

THIS NUMBER IS TO BE FURNISHED IN COLS. 3-6 ON ALL CARDS

PLEASE PRINT OR TYPE

NUMBER

11-17477

PERMIT NO.

FROM "PERMIT TO DRILL WELL"

11-17477-1210

DATE RECEIVED

DATE WELL COMPLETED 10/24/85

DEPTH OF WELL TO NEAREST FOOT 205

OK 1/1/85 MR

OWNER SCHWARTZ JOSEPH last name first name TOWN FLORENCE

STREET OR RFD H.T. GRIMES PROP. PARC. C SECTION LOT

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	
Sandy	2	19	
Sand Gravel	19	25	
MICA	25	30	
Sand Stone	30	35	✓
MICA	35	75	
Sand Stone	75	80	✓
MICA	80	205	

GROUTING RECORD
WELL HAS BEEN GROUTED (Circle Appropriate Box) Y N

TYPE OF GROUTING MATERIAL
CEMENT CM BENTONITE CLAY BC

NO. OF BAGS NO. OF POUNDS 42 208

GALLONS OF WATER 42

DEPTH OF GROUT SEAL (to nearest foot)
from 0 ft. to 49 ft. (enter 0 if from surface)

CASING RECORD

casing types insert appropriate code below

ST CO STEEL CONCRETE
PI OT PLASTIC OTHER

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

PI 6 30

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

SCREEN RECORD

screen type or open hole insert appropriate code below

ST BR HO STEEL BRASS OPEN HOLE
PL OT PLASTIC OTHER

EMERGENCY DEPTH RECORD

DEPTH (nearest ft.)

1 HO 28 205

2

3

SLOT SIZE 1 2 3

DIAMETER OF SCREEN (NEAREST INCH)

PUMPING TEST

HOURS PUMPED (nearest hour) 2

PUMPING RATE (gal. per min. to nearest gal.) 7

METHOD USED TO MEASURE PUMPING RATE *Beikes*

WATER LEVEL (distance from land surface) BEFORE PUMPING 30

WHEN PUMPING 30

TYPE OF PUMP USED (for test)
A air piston 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:

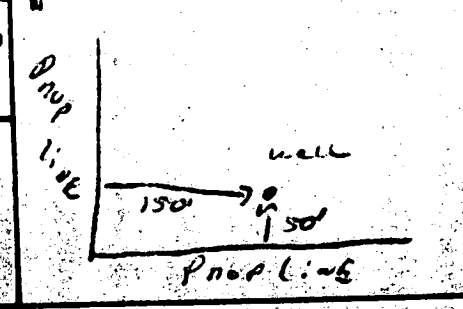
CAPACITY: GALLONS PER MINUTE (to nearest gallon) 31 35

PUMP HORSE POWER 37 41

PUMP COLUMN LENGTH (nearest ft.) 23 27

CASING HEIGHT (circle appropriate box and enter casing height)
+ above } LAND SURFACE
- below } 2 (nearest foot)

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)



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. 253
Ralph Wayne

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)
Ralph E. Wayne

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

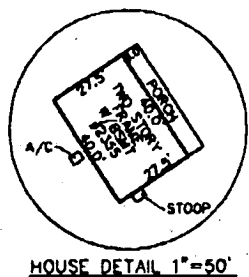
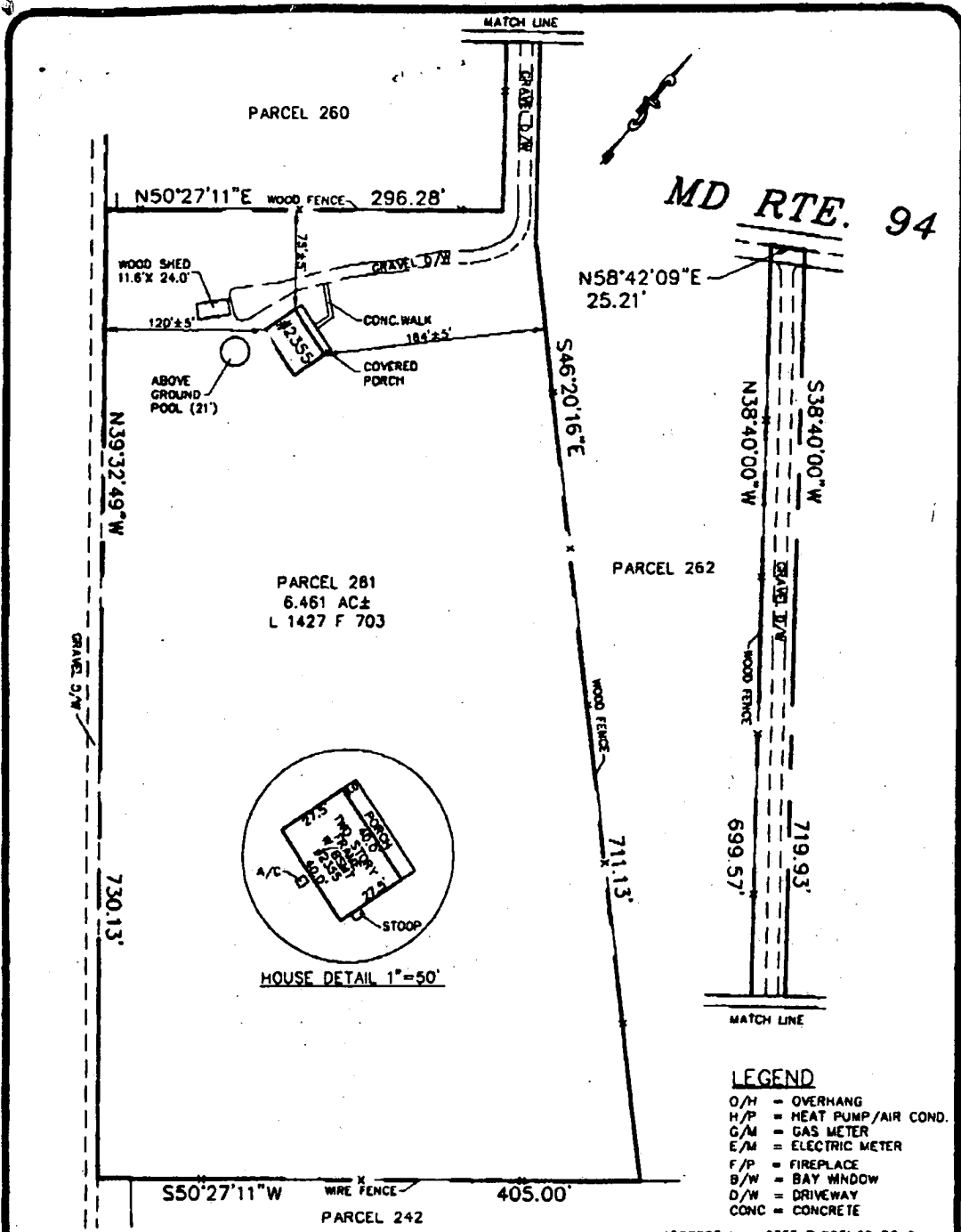
GRAVEL PACK, IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

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

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

TELESCOPE CASING LOG INDICATOR OTHER DATA

HEALTH



- LEGEND**
- O/H = OVERHANG
 - H/P = HEAT PUMP/AIR COND.
 - G/M = GAS METER
 - E/M = ELECTRIC METER
 - F/P = FIREPLACE
 - B/W = BAY WINDOW
 - D/W = DRIVEWAY
 - CONC = CONCRETE

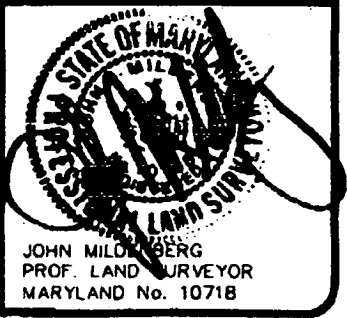
SCHWARZ PROPERTY
 TAX MAP 13, BLK 3, P. 261
 LIBER 1427 FOLIO 703
 ELECTION DISTRICT No. 4
 HOWARD COUNTY, MARYLAND

ADDRESS No.: 2355 FLORENCE ROAD

THE INFORMATION SHOWN HAS BEEN ESTABLISHED BY CURRENT ACCEPTABLE SURVEY PROCEDURES AND FROM AVAILABLE RECORD INFORMATION. THIS DRAWING IS TO BE USED FOR TITLE TRANSFER FINANCING, OR REFINANCING ONLY AND IS NOT TO BE USED FOR THE ESTABLISHMENT OF PROPERTY LINES, LOCATION OF FENCES, GARAGES, BUILDINGS, OR OTHER EXISTING OR FUTURE IMPROVEMENTS. FLOOD INSURANCE RATE MAP (FIRM) FLOOD ZONE "C" AREA OF MINIMUM FLOODING PER COMMUNITY PANEL NUMBER 240044-00 -B DECEMBER, 4 1986

MILDENBERG BOENDER, & ASSOC., INC.
 Engineers Planners Surveyors

6078 Dorsey Hall Drive, Suite 202, Ellicott City, Maryland 21043
 (410) 997-0298 Balt. (301) 621-6621 Wash. (410) 997-0298 Fax.



FOUNDATION	DATE:	FINAL	DATE:
DRAWN BY: J.Y.W.		SCALE: 1"=100'	08/03/98
PROJECT NO.: 98083	LOCATION DRAWING		

APPLICATION

19244

HOWARD COUNTY

PERMIT APPLICATION

Ap 825.0

SERIAL NUMBER

B 00113883

DEPARTMENT OF INSPECTIONS, LICENSES & PERMIT
3430 COURT HOUSE DRIVE, ELLICOTT CITY, MARYLAND 21043

BUILDING ADDRESS (HOUSE NO., STREET, TOWN OR AREA)

2355 ~~RT 77~~ Woodbine Rd
WOODBINE MD 21797 37515

GRADING/SEDIMENT CONTROL YES NO

SDP #

DESCRIPTION OF WORK AUTHORIZED

1 START ADDITIONAL ON POST
REAR, 1 BEDROOM, 1 BATHROOM
DECK

LOT NO.	PARCEL NO.	SEC.	AREA	BLOCK NO.	LIBER	FOLIO
MPA	261	-	-	3	1427	703

SUB DIVISION	ZONE	ZONE MAP	ELEC. DIST.	CENSUS TR.
SCHWARTZ	R-R	13	A	6046

OWNER NAME AND ADDRESS
GAIL SCHWARTZ
PHONE NO. N 410-542-5610

SAME

OCCUPANT'S NAME AND ADDRESS
PHONE NO.

SAME

ARCHITECT OR ENGINEER'S NAME AND ADDRESS
PHONE NO.

NONE

CONTRACTOR'S NAME AND ADDRESS
PHONE NO.

OPEN FIELDS CONSTRUCTION
JASON BENFIELD
213 NATIONS RD MILLERSVILLE MD 21108
410-907-0213

EXISTING USE: SINGLE FAMILY DETACHED
PROPOSED USE: SAME with addition

EST. CONSTRUCTION COST: 45,000
LICENSE NUMBER: 413355
PERMIT FEE

SIZE OF BLDG.	FRONT	DEPTH	HEIGHT

TYPE OF BLDG.	AREA	VOLUME	ROOF
B. ROOMS			
ROOMS			
BATHS			
FIREPLACES			

FOOTINGS	FOUNDATION	S. WALLS

UTILITIES	WATER	WELL	SEWER/SEPTIC	GAS	ELECTRICITY	TYPE OF HEAT	AC

I have carefully examined and read this application and know the same is true and correct, and that is doing this work, all provisions of Howard County Ordinances and the State Laws of Maryland will be complied with, whether specified or not; and I will notify the Department of Inspections, and Permits twenty-four hours in advance when I am ready for the inspections called for elsewhere in the application; and that no work will be covered up until such inspections have been completed with.

Contractor SIGNATURE: [Signature]
TITLE: Contractor DATE: 9-2-98

FOR OFFICE USE ONLY

DISTANCE IN FEET FROM R/W LINE TO FRONT BUILDING LINE
SIDE YARD (DISTANCE IN FEET FROM SIDE BLDG. LINE TO SIDE PROPERTY LINE)
TO SIDE BUILDING LINE
DISTANCE IN FEET, REAR YD. REQUIRING SET
BACK (CORNER LOT ONLY) SDP #

FUNCTION	DATE	SIGNATURE APPROVAL
ZONING/PLANNING		
SHA		
SEDIMENT/GRADING		
BUILDING OFFICIAL		
WATER & SEWER		
HEALTH DEPT.	9/3/98	Kimberly Maisto
FIRE PROTECTION		
STORM WATER MGM		

Check payable to: DIRECTOR OF FINANCE OF HOWARD COUNTY

CAUTION
To begin construction before a permit placard has been issued and displayed on the job is a violation of the law.
Use and occupancy permit must be applied for two weeks before it will be issued.

IMPORTANT: PLEASE SHOW ZIP CODES AND AREA CODES WHEREVER REQUIRED.

LP-69-591
A 4 8479

APPROVED: [Signature] DATE: [Signature]
Distribution of Copies:
White - Building Official
Yellow - Engineering
Pink - Health Dept.
Green - Planning & Zoning
Gold - S.H.A.