

12=00
12/30/94

10x ID-03-315487
PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 50460

A 42191

DISTRICT 3rd

DATE 12/28/94

DATE SYSTEM APPROVED 12/30/94

INSPECTOR M. Riskin

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
~~XXXXXXXX~~ 313-2640

INDEXED

J. J. Gartland Plumbing IS PERMITTED TO INSTALL X ALTER

ADDRESS 1835 W. Gold Liberty Road Westminster, MD 21157 PHONE (410) 875-2400

SUBDIVISION Second Discovery LOT 1 ROAD 12718 Maryvale Court

PROPERTY OWNER Stephen E. McManus SUE WILL PACEY Ahmed RAMADAN

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 180

TRENCHES - Trench to be 2 feet wide. Inlet 3½ feet below original grade. Bottom maximum depth 7½ feet below original grade. Effective area begins at 3½ feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Place distribution box 260 feet down the left lot line (460.03') and 110 feet off that same lot line when facing the lot from Maryvale Court. Run trenches on contour in both directions.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK 12/2/94 DKS

BUDG. PERMIT SIGNED

AND RETURNED 5/8/99

PLANS APPROVED BY Amy McMillen decker DATE 11/04/94

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

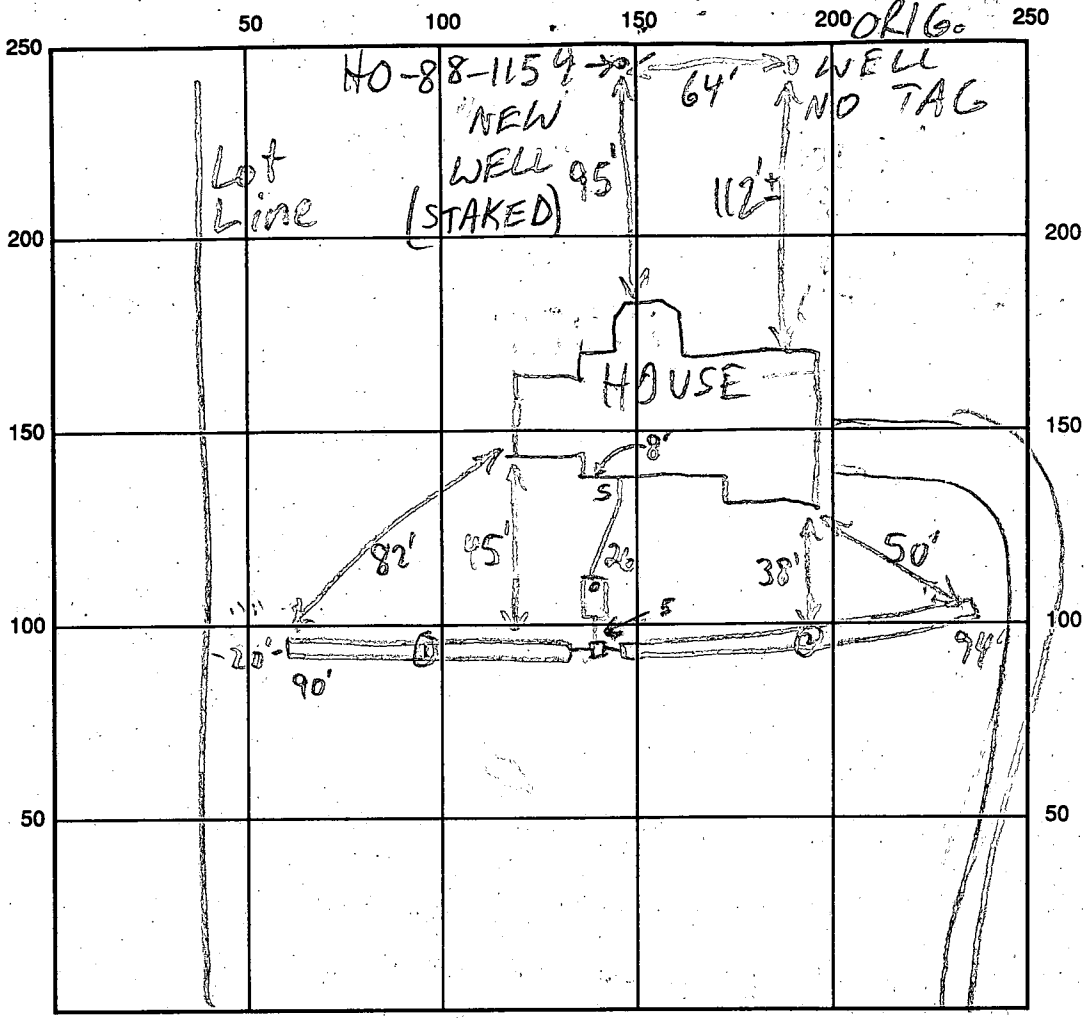
PERMIT VOID AFTER TWO YEARS

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 42191



MARYVALE CT INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL 1250 GAL-OK CLEANOUTS OK-S.T

DISTRIBUTION BOX LEVEL OK-BAFFLE IN

DRAIN FIELD/TITLE DEPTH 3.5/3.5 FT. TRENCH WIDTH 2 FT. INLET DEPTH 3.5/3.5 FT.

EFFECTIVE GRAVEL DEPTH 4.4 FT. TOTAL LENGTH 0.90 @ 94 FT.

NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA 0.360 @ 0.76 SQ. FT.

DRYWALL INSIDE DIAMETER FT. EFFECTIVE DEPTH BELOW INLET FT.

ABSORBENT AREA 736 SQ. FT.

REMARKS: 12/30/94 #1 SEPTIC TRENCHES OK FOR GRAVEL WATER
LINE RUN TO ORIGINAL WELL (FROM ORIG. HOUSE). THIS WELL IS NOT
NEW WELL (PER WELL RECORDS) WHICH CANNOT BE FOUND MR
12/30/94 #2 SEPTIC SYSTEM OK TO COVER; ORIG. WELL LOCATED BY
GARTLAND; CASING APPARENTLY CUT OFF BY LAWNMOWER; GROUT
CRACKED, SEPARATED FROM CASING; TAG LOCATED NEARBY MR

DATE SYSTEM APPROVED 12/30/94 INSPECTOR M. Ripkin

APPLICATION

PERCOLATION TESTING

A 42091
P _____

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

DISTRICT 3rd

DATE Feb. 26, 1988

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 William W. Aitcheson ~~Hand Design & Development, Inc.~~ *Stephen E. M. MAUS.*

ADDRESS 12706 Folly Quarter Rd Clarksville, Md. 21029 PHONE 301-596-9208 *740-2100*

PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Aitcheson Property "Second Discovery" LOT NO. 1

ROAD AND DESCRIPTION 12718 ~~12404~~ Maryvale Court
Folly Quarter Rd. And Court 'A'

TAX MAP 22 Blk 23 PARCEL # 44

SIZE OF LOT 3.12 acres TYPE BLDG Single Family Dwg
(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.

Wm W. Aitcheson
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ BLDG. PERMIT SIGNED _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____ AND RETURNED 9/4/90

BLDG. PERMIT SIGNED
AND RETURNED 11/4/94
Serial # 57057
SFD-4Bm

BPH # 34551 BLDG. PERMIT SIGNED
AND RETURNED 9/4/90
Serial # 34551
Entrance Sign

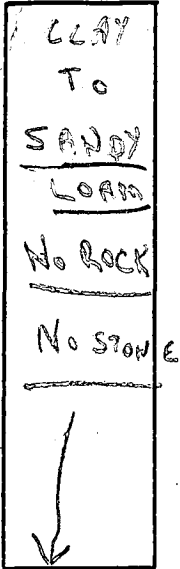
THIS IS NOT A PERMIT

HD-216

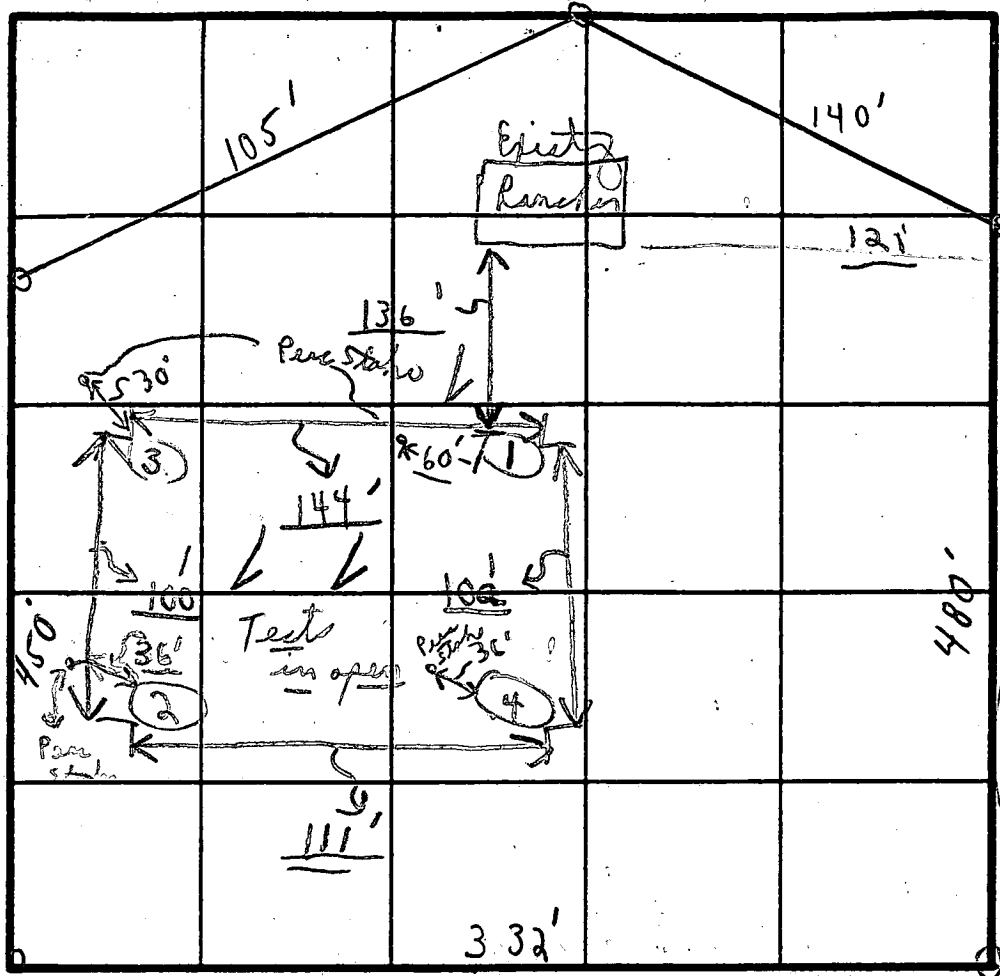
A42191

#1

SOIL PROFILE



all Holes #1, 2, 3, 4



#19 Reddish Brown

Follet

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

COURT "A"

SOIL PROFILE	DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
				START	STOP	START	STOP	
1" - 4" CLAY See above	8/3/88	1A	4'	1:21	1:34	1:34	2:01	29 min
12 1/2"	5 th Lot	1B	6 1/2'	1:20	1:22	1:22	1:23	1 min
1" - See above		2A	3'	1:25	1:27	1:27	1:31	4 min
		2B	12"	:	:	:	:	White powdery loam
1" - See above		3A	'	:	:	:	:	loam: similar
12"		3B	12"	:	:	:	:	#1 Reddish Brown
1" - See above		4A	4'	1:24	1:26	1:26	1:34	8 min
		4B	12"	:	:	:	:	light brown
			'	:	:	:	:	
			'	:	:	:	:	

REMARKS: all Tests in open! (Pace near see about)

TYPE OF SOIL: (2) Fyock's men

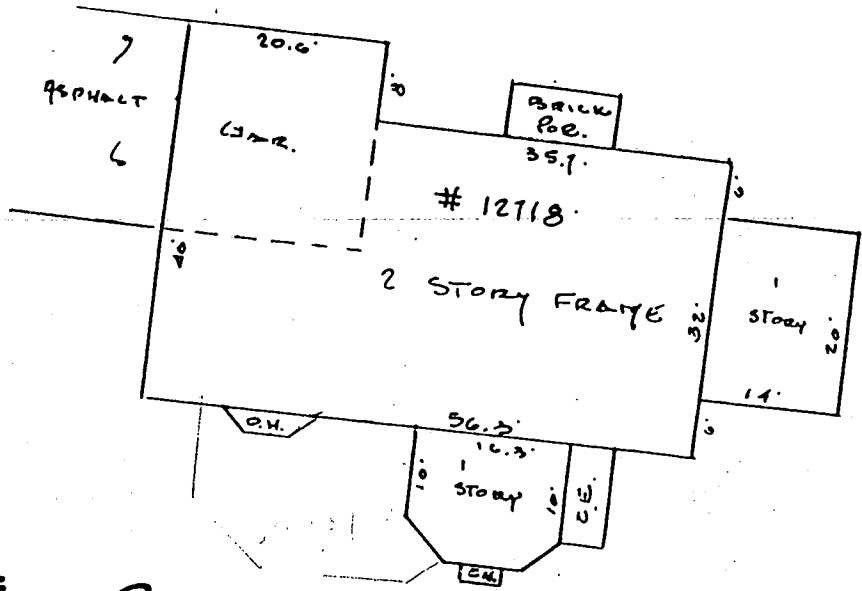
TESTED BY: C. Bell

ALSO PRESENT: 1 owner

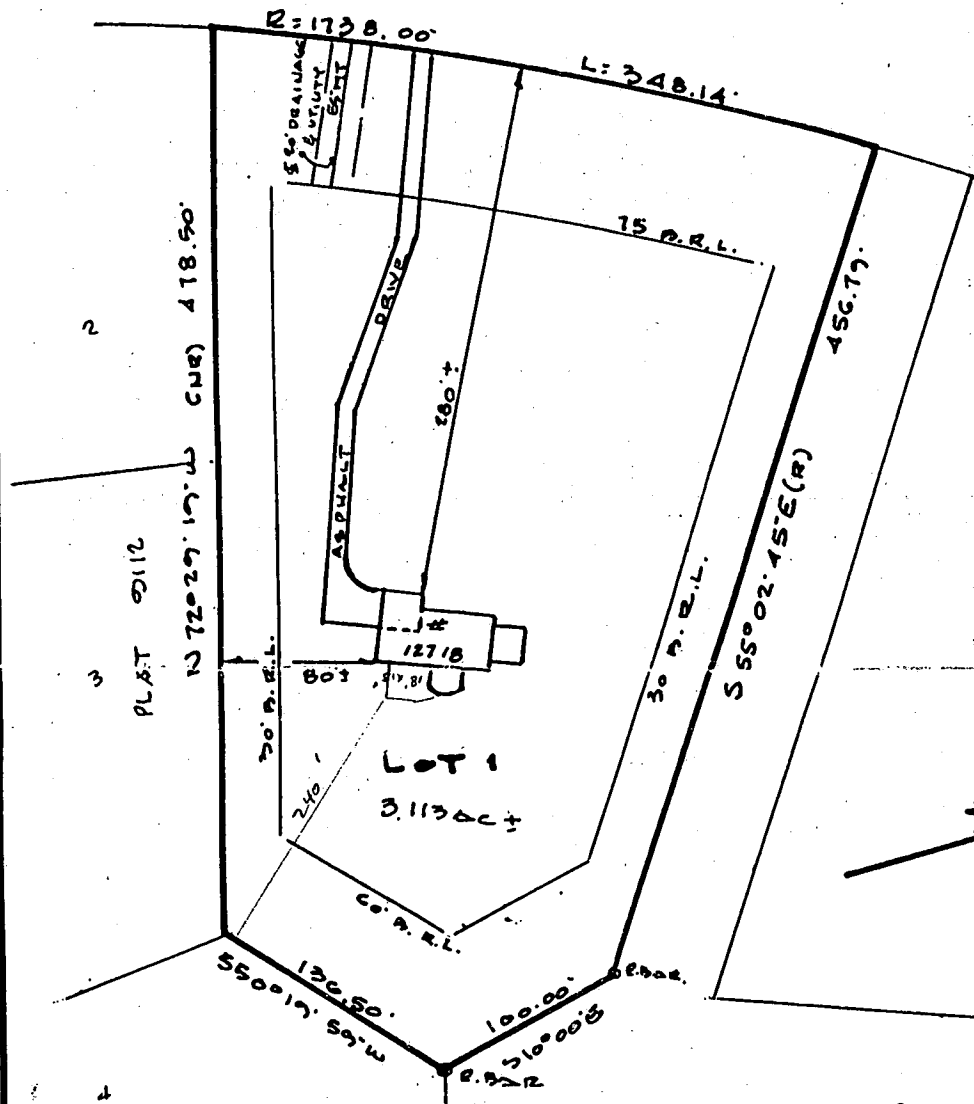
Property known as: **LOT 1**
SECOND DISCOVERY

LOTS 1-10 SHEET 2 OF 4 PLAT 9142
3RD ELECTION DISTRICT
HOWARD COUNTY, MD

THIS PLAT CAN NOT BE USED TO ESTABLISH PROPERTY
LINES OR CORNERS.



MARIVALE
50' SW **COURT**



5/8/97
Proposed deck
location will
have no impact
to the
existing well or
septic OK to
proceed.

A McMullen

C1 **1302** SEQUENCE NO. (DENV USE ONLY)
 (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 TYPE

THIS REPORT MUST BE SUBMITTED WITHIN
 45 DAYS AFTER WELL IS COMPLETED.
 COUNTY NUMBER **A42191**

ST/CO USE ONLY
 DATE RECEIVED

DATE WELL COMPLETED
01/23/90

Depth of Well
185
 (TO NEAREST FOOT)

PERMIT NO.
 FROM "PERMIT TO DRILL WELL"
HO-88-1159

OWNER **Second Discovery Ltd Partnership**
 last name **Marquardt** first name **Col** TOWN **Glenn**
 STREET OR RFD
 SUBDIVISION **SECOND DISCOVERY** SECTION **2** LOT **1**

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	
Shale	2	40	✓
Mika	40	65	
Sandstone	65	70	✓
Mika	70	90	
Sandstone	90	95	✓
Mika	95	140	
Sandstone	140	145	✓
Mika	145	185	

GROUTING RECORD
 WELL HAS BEEN GROUTED YES NO
 (Circle Appropriate Box)
 TYPE OF GROUTING MATERIAL
 CEMENT CM BENTONITE CLAY BC
 NO. OF BAGS **14** NO. OF ROUNDS **14/0**
 GALLONS OF WATER **88**
 DEPTH OF GROUT SEAL (to nearest foot)
 from **0** ft. to **40** ft.
 (enter 0 if from surface)

CASING RECORD
 casing types insert appropriate code below
 ST STEEL CO CONCRETE
 PL PLASTIC OT OTHER

MAIN CASING TYPE
 Nominal diameter top (main) casing (nearest inch)
 Total depth of main casing (nearest foot)
 DL G 46 70

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

screen type or open hole
 insert appropriate code below
 ST STEEL BR BRASS HO OPEN HOLE
 PL PLASTIC OT OTHER

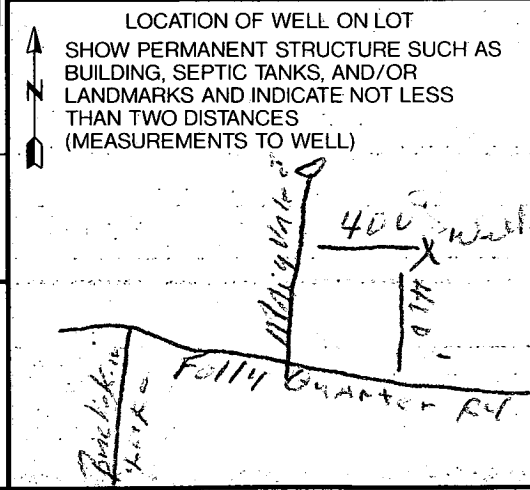
C2
 DEPTH (nearest ft.)
 E A C H S C R E E N
 1 **HO** **46** **149**
 2
 3
 SLOT SIZE 1 2 3
 DIAMETER OF SCREEN (NEAREST INCH)
 from to

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.) W Q
 70 72 74 75 76
 TELESCOPE CASING LOG INDICATOR OTHER DATA

C3
PUMPING TEST
 HOURS PUMPED (nearest hour) **3**
 PUMPING RATE (gal. per min. to nearest gal.) **10**
 METHOD USED TO MEASURE PUMPING RATE **Bucket**
 WATER LEVEL (distance from land surface)
 BEFORE PUMPING **30**
 WHEN PUMPING **35**
 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
 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)
 PUMP HORSE POWER
 PUMP COLUMN LENGTH (nearest ft.)
 CASING HEIGHT (circle appropriate box and enter casing height)
 + above } LAND SURFACE (nearest foot)
 - below }



CIRCLE APPROPRIATE LETTER
 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, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLER'S IDENT. NO. **153**
 DRILLER'S SIGNATURE
 (MUST MATCH SIGNATURE ON APPLICATION)
 SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

3/31/95
ANYTIME



HOWARD COUNTY HEALTH DEPARTMENT

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

January 5, 1995

Mr. Stephen E. McManus
195 Wroxeter Road
Arnold, MD 21012

RE: Well Construction Status
12718 Maryvale Court
Second Discovery, Lot 1
HO-88-1159

Dear Mr. McManus,

During the well line installation inspection on December 30, 1994, it was discovered that the permitted well (HO-88-1159) was severely damaged and that another well, not known by any records, had been connected to the house.

Occupancy approval is based on satisfactory sample results from a water supply which meets current construction standards. In order to consider the connected well as a valid water supply, compliance with current construction standards would have to be verified, and this may not be practical, given the apparent age of the well and the lack of well records.

If proper construction of this older well cannot be verified, another option is to have a well driller evaluate the possibility of effectively repairing the permitted well. Should neither of these options be practical or successful, the final option is drilling another well.

Once a valid, potable water supply is established, then final disposition of the remaining well(s) can be discussed. Any well(s) not approved for service would require proper abandonment.

To discuss these or any other questions, please call this office at 313-2640.

Very truly yours,

Mark E. Rifkin

Mark Rifkin, R.S.
Sanitarian
Water & Sewerage Program

3/31/95 EX. WELL FILLED w/PEA GRAVEL TO 10' FROM GRADE, CASING CUT OFF; PERMITTED WELL HAS WELL LINE ACCEPTABLY INSTALLED, BUT GROUT STATUS UNKNOWN; DRILLER'S OPINION OF WELL INTEGRITY UNKNOWN; GROUT OBS'D SEPARATED FROM CASING FOR 6" BELOW PITLESS ADAPTOR; UNABLE TO OBSERVE BELOW THIS DEPTH; RECOMMEND CONFERENCE w/BLDR. (Pitless Adaptor 4' B.C.±)