

11/30/89

12-1-89  
11 am

Tax ID - 04-348060

# PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

DISTRICT 4th

**HOWARD COUNTY**  
BUREAU OF ENVIRONMENTAL HEALTH  
461-9933

P 45280

A 39342

DATE 11/28/89

DATE SYSTEM APPROVED 12-1-89

INSPECTOR JEN

**INDEXED**

Alan Whitworth Excavating

IS PERMITTED TO INSTALL  ALTER

ADDRESS 12680 Clarksville Pike, Clarksville, Maryland PHONE 854-2513

SUBDIVISION Oak Forest Estates ROAD 17840 Old Frederick Rd LOT 3

PROPERTY OWNER Michael Cottone

ADDRESS \_\_\_\_\_

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

GARBAGE GRINDER? YES \_\_\_\_\_ NO

210  
5  
310.50  
350

SEPTIC TANK CAPACITY 1250 GALLONS NUMBER OF BEDROOMS 5

**TRENCHES** - 210 sq. ft. per bedroom. Trench to be 3 feet wide. Inlet 3 feet below original grade. Bottom maximum depth  $4\frac{1}{2}$  feet below original grade. Effective area begins at 3 feet below original grade.  $1\frac{1}{2}$  feet of stone below distribution pipe.

**LOCATION** - Place the first trench 250 feet up the left (385.06') lot line and 80 feet off the same lot line as seen when facing the lot from Twin Arch Road. Run trenches on contour toward the 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

\*TOP SEALED SEPTIC TANK REQUESTED - BSD ROCK AT 8-10' CWellaan

PLANS APPROVED BY Sid Abel DATE 10/19/88

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

BUDG. PERMIT SIGNED

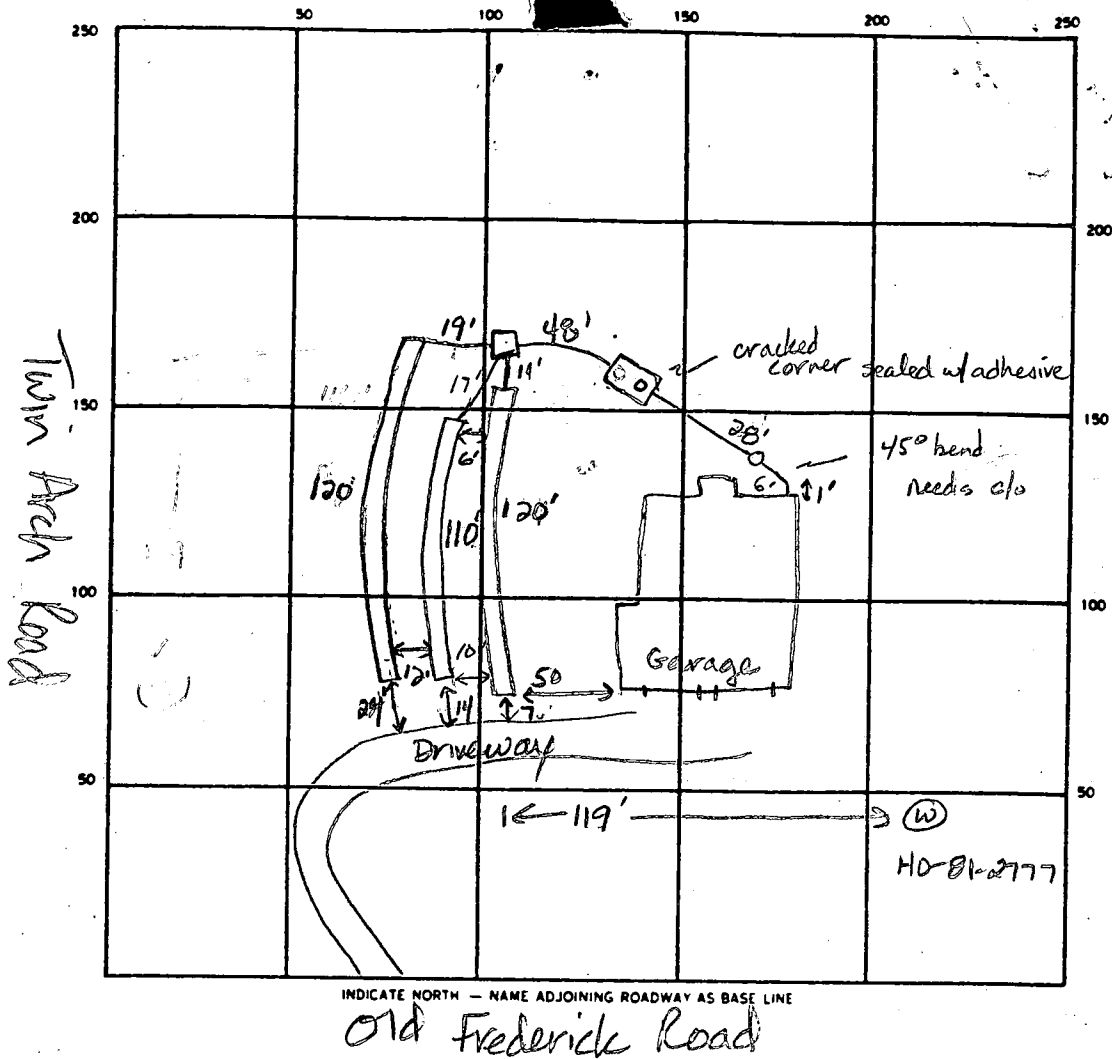
AND RETURNED 12/1/89

Serial # 30759 - S. Decker

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

\*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

A 39342



SEPTIC TANK LEVEL 1500 gal top seam CLEANOUTS 1 on septic tank 1 at house in sewer line.

DISTRIBUTION BOX LEVEL ok (with baffle)

DRAIN FIELD/TILE FIELD DEPTH 4.5' FT. TRENCH WIDTH 3.0 FT. INLET DEPTH 2.5 3.0 3.0 FT. <sup>① ② ③</sup>

EFFECTIVE GRAVEL DEPTH 2.0 1.5 1.5 FT. TOTAL LENGTH 120 110 120 FT. <sup>① ② ③</sup>

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 360 330 360 SQ. FT. <sup>① ② ③</sup>

DRYWELL INSIDE DIAMETER \_\_\_\_\_ FT. EFFECTIVE DEPTH BELOW INLET \_\_\_\_\_ FT.

ABSORBENT AREA 1050 SQ. FT.

REMARKS 11-29-89 Top seam tank cracked at upper left corner closest end to house. Request tank be pressure tested. Ok to continue stoning trench. 3 trenches 116-117 ft long ok. JEN 11-30-89 Ok to finish trenches. Leave both ends open. Ok to cover from house to tank once grouted at tank. JEN 12-1-89 Ok to cover all work. JEN

DATE SYSTEM APPROVED 12-1-89 INSPECTOR Jane E. Nadeau

# APPLICATION

PERCOLATION TESTING

A 39342

P \_\_\_\_\_

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

DISTRICT \_\_\_\_\_

DATE 5/8/87

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 ~~Annette Symonds~~ Michael Corrone

ADDRESS 10414 Hutterling Pl. SS, MD PHONE 933-8110

PROSPECTIVE BUYER Ray Nasmil

ADDRESS 20813 Brooke Knoll Gathersberg PHONE 258-8459

PROPERTY LOCATION:

SUBDIVISION ~~Nasmil Acres~~ OAK FOREST EST LOT NO. 3

ROAD AND DESCRIPTION 465 Thrive Arch Rd.

TAX MAP L 570 B 154 PARCEL # H6

SIZE OF LOT Appx. 4.5 AC TYPE BLDG S.F.  
(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.

Ray Nasmil  
(SIGNATURE OF APPLICANT)

APPROVED BY Sidney Alkal FOR Standard Area DATE 6-20-89

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

HOLD PENDING FURTHER TESTS PLAT & WELL REQUIRED CW DATE 7/14/87

REASONS FOR REJECTION OR HOLDING 5-26-87 Due Satisfactory - Hold for plat An Field verification shall well to be drilled prior to lot approval due to difficulty in obtaining water on adjacent properties. 7/14/87 cancelled  
LOG. PERMIT SIGNED AND RETURNED 6-20-89 BP-27031

HD-216

# THIS IS NOT A PERMIT

SOIL PROFILE

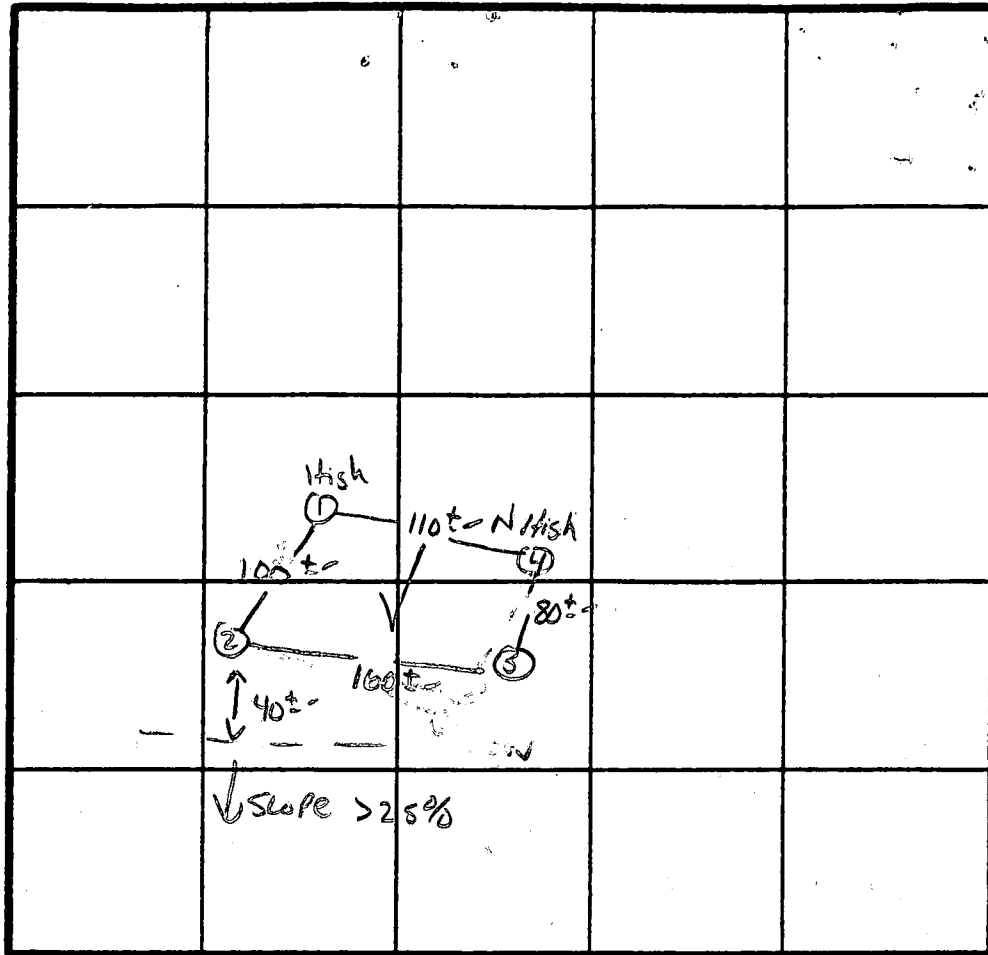
4" 0  
 2.5-3'  
 9.5'

A1-3  
 Yellow BR  
 Silty CLAY  
 LOAM 26%  
 FRAGS

Yellow BR  
 TO STRONG  
 BROWN  
 Silty LOAM  
 25-45%  
 FRAGS

MASSIVE  
 SAPROLITE  
 AT 8'+

HARD BOTTOM



Per 12 min  
 200 #/BR  
 Inlet 3'  
 Bottom 5'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

TWIN Arch Rd.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1' DROP		TIME	
			START	STOP	START	STOP		
5/24/87	1S	2.5'	3:04	3:14	3:14	3:30	16 MIN	
		5'	3:04	3:12	3:12	3:26	14 MIN	
	1V	9.5'	MASSIVE SINGLE SAPROLITE AT 8'					
	2S	2.5'	3:18	3:22	3:22	3:32	10 MIN	
		5'	3:09	3:14	3:14	3:31	17 MIN	
	2V	10'	HARD BOTTOM	9.5'	UNIFORM below 3'			
	3S	3.5'	3:40	3:43	3:43	3:49	6 MIN	
		5.5'	3:40	3:42	3:42	3:47	5 MIN	
	3V							
	4S	2.5'	3:32	3:42	3:42	4:04	22 MIN	
		5'	3:27	3:30	3:30	3:35	5 MIN	
	4V	10'	MASSIVE SAPROLITE shale AT 8.5'					

REMARKS NO LOT LINES OR CONTROL POINTS AVAILABLE - require field verification

TYPE OF SOIL M & A clay

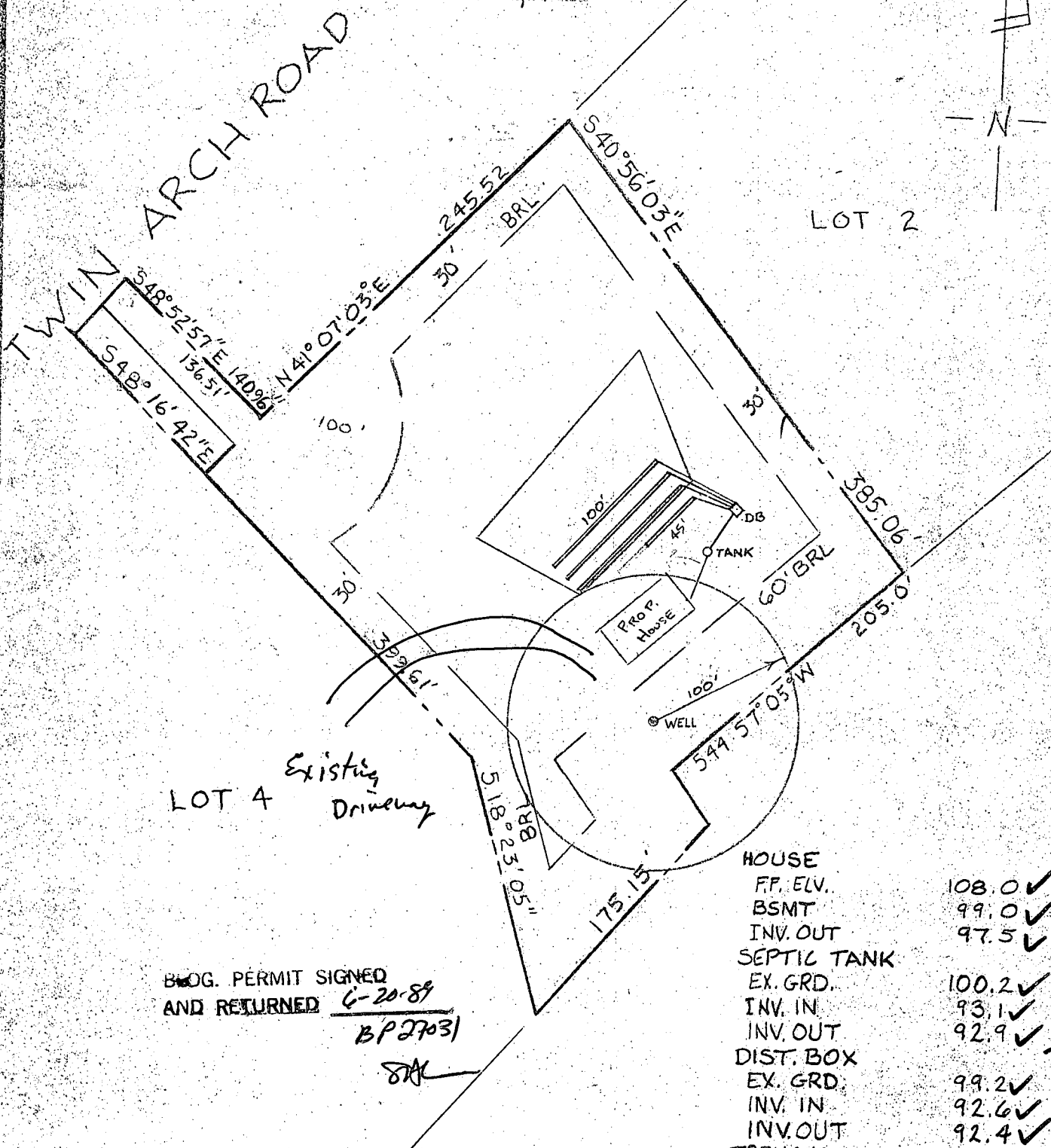
TESTED BY S. Abel

ARNOLD Septic

ALSO PRESENT

SITE PLAN  
 LOT 3, OAK FOREST ESTATES  
 LISBON (4<sup>th</sup>) ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND

SCALE 1"=100' OCTOBER, 1985



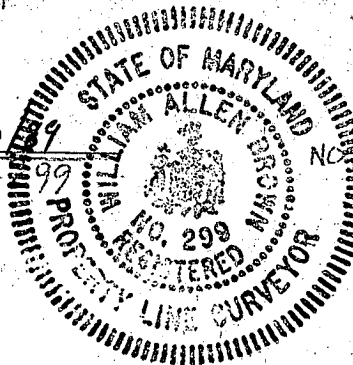
BLOG. PERMIT SIGNED  
 AND RETURNED 6-20-89  
 BP27031  
 SA

HOUSE	
FP. ELV.	108.0 ✓
BSMT	99.0 ✓
INV. OUT	97.5 ✓ + BSMT
SEPTIC TANK	
EX. GRD.	100.2 ✓
INV. IN	93.1 ✓
INV. OUT	92.9 ✓
DIST. BOX	
EX. GRD.	99.2 ✓
INV. IN	92.6 ✓
INV. OUT	92.4 ✓
TRENCHES	
#1 EX. GRD.	95.2 ✓
INV. IN	92.2 ✓
#2 EX. GRD.	93.4 ✓
INV. IN	90.4 ✓
#3 EX. GRD.	91.3 ✓
INV. IN	88.3 ✓
#4 EX. GRD.	89.0 ✓
INV. IN	86.0 ✓

MANHOLE  
 TO GRADE  
 REQ  
 SA

I CERTIFY TO MY BEST  
 KNOWLEDGE AND BELIEF  
 THAT THE PLAN SHOWN  
 HEREON IS CORRECT.

W. Allen Brown 5/30/89  
 W. ALLEN BROWN PLS# 299



NOTE: SEPTIC TRENCHES ARE  
 3' WIDE & 10' APART

Al Brown Surveys Inc.

7305 MINK HOLLOW ROAD  
 HIGHLAND, MARYLAND 20777  
 RES. 301-854-0913



C1 9561

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 37342

DATE RECEIVED

DATE WELL COMPLETED

DEPTH OF WELL

PERMIT NO. FROM "PERMIT TO DRILL WELL"

DATE RECEIVED grid

DATE WELL COMPLETED grid

DEPTH OF WELL grid

PERMIT NO. grid

OWNER TOTTEN PROPERTIES STREET OR RFD last name TWIN ALON DR. first name TOWN PARRISVILLE SUBDIVISION CAR FOREST EST SECTION LOT 3

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 FROM TO Check if water bearing

Table with 3 columns: Description, Feet From, Feet To. Rows include Top Soil, Brown Shale, Brown Slate, Blue Slate, Brown Slate, Blue Slate.

GROUTING RECORD

WELL HAS BEEN GROUTED (Circle Appropriate Box) YES (Y) NO (N)

TYPE OF GROUTING MATERIAL CEMENT (CM) BENTONITE CLAY (BC)

NO. OF BAGS NO. OF POUNDS GALLONS OF WATER DEPTH OF GROUT SEAL

DEPTH OF GROUT SEAL (to nearest foot) from ft. to ft.

CASING RECORD

casings types insert appropriate code below STEEL CONCRETE PLASTIC OTHER

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

OTHER CASING (if used)

diameter inch depth (feet) from to

SCREEN RECORD

screen type or open hole insert appropriate code below STEEL BRASS OPEN HOLE PLASTIC OTHER

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

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

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

C 3

PUMPING TEST

HOURS PUMPED (nearest hour)

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

METHOD USED TO MEASURE PUMPING RATE WATER LEVEL (distance from land surface)

BEFORE PUMPING

WHEN PUMPING

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:

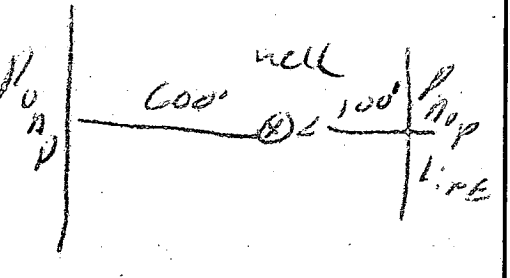
CAPACITY: GALLONS PER MINUTE (to nearest gallon)

PUMP HORSE POWER

PUMP COLUMN LENGTH (nearest ft.)

CASING HEIGHT (circle appropriate box and enter casing height) LAND SURFACE (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. 273

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

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

COUNTY