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MARYLAND STATE DEPARTMENT OF HEALTH'

DISTRICT

HOWARD COUNTY

BUREAU OF ENVIRONMENTAL HEALTH 461-9933

INDEXED, E. C.O. P. Time expired

83088 DATE SYSTEM APPROVED

. (Olen Ketterman	·/	IS PERMITTED TO	INSTALL X	ALTER
ADDRESS	60 Route 144, Woodbine, M	Maryland 21797	, PHONE	442-1336	
SUBDIVISION	Triadelphia Estates	ROAD1482	0 Triadelphia Ro	ad LOT1	,
PROPERTY OWNE	R	Woodfield H	Iomes, Inc.		
		•	,		
IF GARBAGE GRIN	IDER IS USED INCREASE SEPTIC TANK	CAPACITY BY 50% A	ND ABSORPTION AREA B	Y 22%.	
GARBAGE GRINDI	ER? YES NOX				
1	ACITY <u>1250</u> GALLONS 194 sq. ft. per bedroom.	. Trench to be	e 3 feet wide. I		
	grade. Bottom maximum d at 3½ feet below origina	al grade. 2 fe	et of stone belo	w distribut	ion pipe.
LOCATION -	SHALLOW SYSTEM ONLY. Be 90 feet down the left (6				
-	when facing property fro towards the left lot lin				
NOTE -	ELEVATION FROM WELL TO S No trench to exceed 100				
	cap to grade or above or	n septic tank.	typ		
PLANS APPROVED BY	Bert Ni	ixon		DATE	5/18/87
COVER NO WORK UNT	FIL 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.

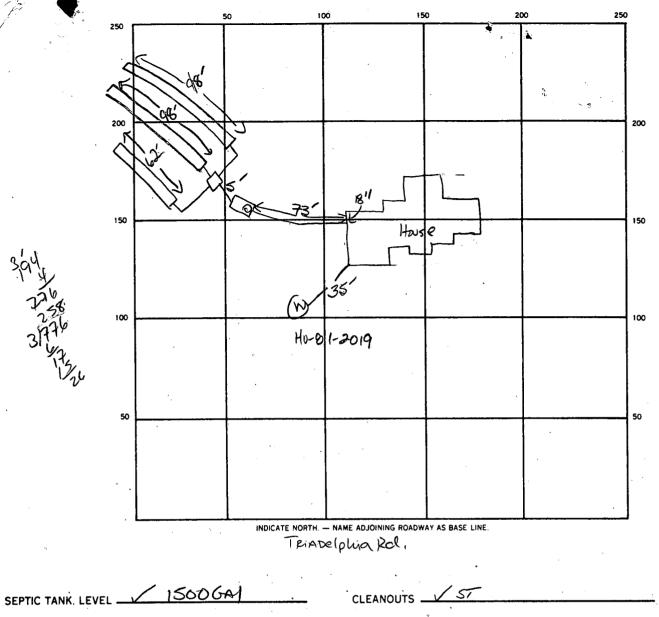
PERMIT VOID AFTER TWO YEARS.

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.

BADG. PERMIT SIGNED

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APROVAL ON THIS PERMIT



SEPTIC TANK LEVEL 1500 GA) . CLEANOUTS VST
DISTRIBUTION BOX, LEVEL
DRAIN FIELD DEPTH 55 FT. TRENCH WIDTH 3 FT. INLET DEPTH 35 FT.
EFFECTIVE GRAVEL DEPTH FT. TOTAL LENGTH FT.
NUMBER OF TRENCHES ONE SIDEWALL BOTTOM AREA SO FT.
DRYWELL INSIDE DIAMETER FT. EFFECTIVE DEPTH BELOW INLET FT. ABSORBENT AREA SQ. FT.
REMARKS _ 9/1/88 OF TO COVER, S.AL
,
DATE SYSTEM APPROVED 9-1-88 INSPECTOR 5 MGel

APPLICATION

PERCOLATION TESTING

P _____

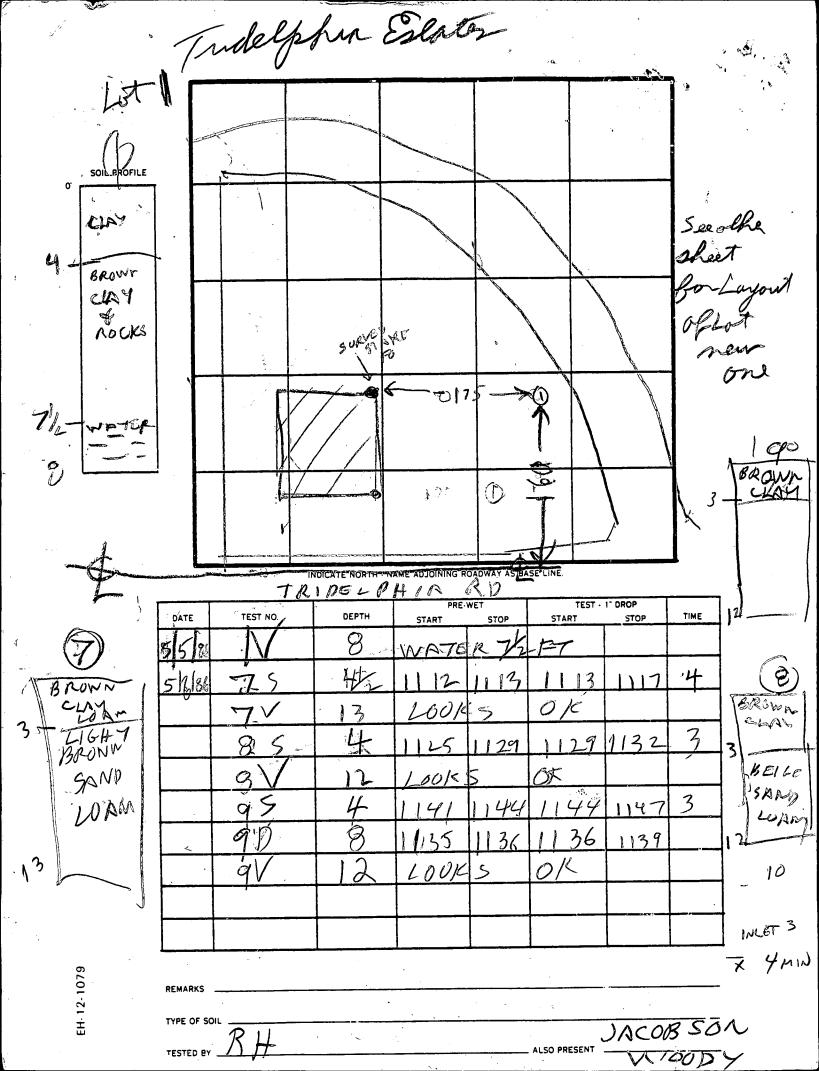
HOWARD COUNTY HEALTH DEPARTMENT DUREAU OF ENVIRONMENTAL HEALTH

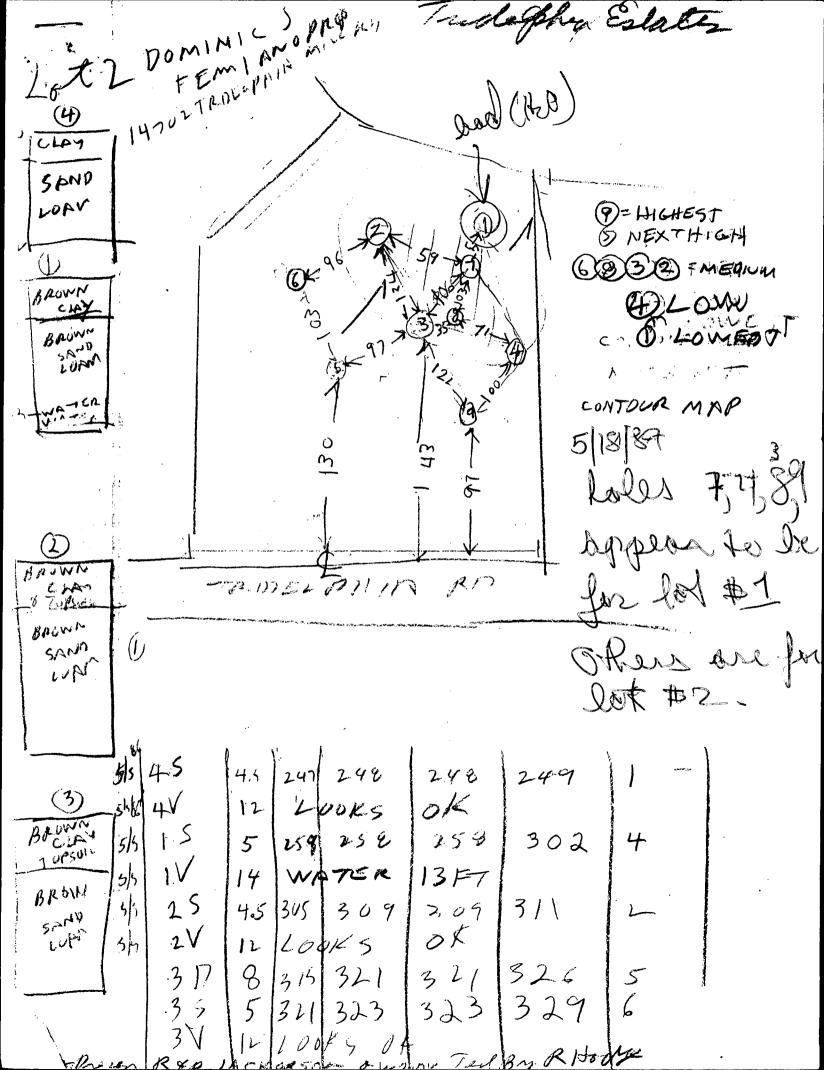
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043 TELEPHONE: 461-9933

DATE 4/3/84

TO:	THE COUNTY HEALTH OFFICER ELLICOTT CITY. MARYLAND			
	I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO	CONSTRUCT (OR RECONSTRU	ICT) A SEWAGE DISPOSAL SYSTEM.	
PROPE	ERTY OWNER ARVID JACOBSON	J. PAUL JA	COBSON, RANDI	au Jacobson
	ADDRESS 11906 BLUE FEE	BRUARY U	VAY PHONE 73	2-1845
PROSE	PECTIVE BUYER		· · · · · · · · · · · · · · · · · · ·	
	ADDRESS		PHONE	
PROPE	ERTY LOCATION:			,
SUBDI	VISION TRIADELPHIA ES	STATES	LOT NO.	
ROAD	AND DESCRIPTION TRIADELPHI	A ROAD		
		· · · · · · · · · · · · · · · · · · ·		
TAX N	MAP 21 PARCEL # 33 LOT 2)		
SIZE C	3.0 ACRES		TYPE BLDG. SINGLE FAM	CE FAMILY IILY DWELLING OR COMMERCIAL)
THE :	SYSTEM INSTALLED UNDER THIS APPLICATION IS ACC	EPTABLE ONLY UNTIL PU	BLIC FACILITIES BECOME AVAILAE	LE. I FULLY UNDERSTAND THE
	CONNECTED WITH THE FILING OF THIS PERC TEST AP			
WITH	I ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS L	.ot. <u>Rand</u>	dell Jucobe (SIGNADURE OF APPLICANT	<u>~</u>
APPRO	OVED BY	FOR	DAT	E
REJEC	TED BY	FOR	DAT	ε
HOLD	PENDING FURTHER TESTS		DATI	Ē
REASO	INS FOR REJECTION OR HOLDING			

THIS IS NOT A PERMIT





Lol NEW 2

Ó BROWN BECHN SAMP. 1497 6 BROWN BEIGE GAND LUAT TRIDELPHIA RD 5/6/21 55 4 5/0/86 5V 12 1053 1055 1055 1057 2 5V 12 LOOKS ON 65 3/2 1100 1101 1101 OR 1102

C.	2354		ENCE N JSE ON		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)		FILL IN THIS FORM COMPLETELY PLEASE PRINT OR TYPE	COUNTY NUMBER A 36 756			
	TE-Received		ELL CC	MPLETE	D Depth of Well	PERMIT NO. FROM "PERMIT TO DRILL WELL"
8	13	15	4,10	8 8	22 4 5 26 (TO NEAREST FOOT)	28 29 30 31 32 33 34 35 36 37
1 -	VNER	last nam	<u>ೆ ೮ / ೧</u> e	•	first name	
1	REET OR RED	1 3.70	- A. C. C.	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	TOWN _ {	107
30	BDIVISION WELL Not required fo	LOG			GROUTING RECORD yes no	LOT
	STATE THE KIND OF	F FORMA	ATIONS		WELL HAS BEEN GROUTED (Circle Appropriate Box)	1 2 PUMPING TEST
	PENETRATED, THEI THICKNESS AND IF				TYPE OF GROUTING MATERIAL CEMENT (CM) BENTONITE CLAY B C	HOURS PUMPED (nearest hour)
	SCRIPTION (Use	FE		Check if water	5 46 45 46	PUMPING RATE (gal. per min.
add	litional sheets if needed)	FROM	ТО	bearing	NO. OF BAGS 12 NO. OF POUNDS 1700	to nearest gal.)
	Top Soil	01	2		GALLONS OF WATER	METHOD USED TO MEASURE PUMPING RATE
1	inally	J.	44	レ	from 48 TOP 52 56 BOTTOM 58 (enter 0 if from surface)	WATER LEVEL (distance from land surface) BEFORE PUMPING / 0
1	_			}	casing CASING RECORD types	WHEN PUMPING
	stand Stone	44	50		insert appropriate STEEL CONCRETE	TYPE OF PUMP USED (for test)
	MICKA	50	60	_	code below PLASTIC OTHER	A air P piston T turbine
S	And Stone BlickA	60	65		MAIN Nominal diameter Total depth CASING top (main) casing of main casing	C centrifugal R rotary Other (describe 27 below)
,	MickA	65	165		TYPE (nearest inch) (nearest foot)	J jet Submersible
		/	7		60 61 83 64 66 70 -E OTHER CASING (if used)	
			1		diameter depth (feet) H inch from to	PUMP INSTALLED
					A CONTRACTOR OF THE CONTRACTOR	DRILLER WILL INSTALL PUMP YES (CIRCLE) (YES or NO)
			, 2 4 ,			IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS
			**************************************		screen type SCREEN RECORD or open hole	EXCEPT HOME USE TYPE OF PUMP INSTALLED
					insert STEEL BRASS OPEN	PLACE (A,C,J,P,R,S,T,O) IN BOX-SEE ABOVE:
					code below PL OT	CAPACITY: GALLONS PER MINUTE (to nearest gallon) 31 35
			ı		C 2 PLASTIC OTHER	PUMP HORSE POWER
					DEPTH (nearest ft.)	PUMP COLUMN LENGTH (nearest ft.)
						CASING HEIGHT (circle appropriate box + above and enter casing height)
					S C 23 24 26 30 32 36	LAND SURFACE (nearest
A	CIRCLE APPROI A WELL WAS ABAND WHEN THIS WELL W	ONED A	ND SEA		R 3 38 39 41 45 47 51	LOCATION OF WELL ON LOT
E	ELECTRIC LOG OBTA			,	SLOT SIZE 1 2 3	SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR
P TEST WELL CONVERTED TO PRODUCTION WELL				CTION	DIAMETER (NEAREST OF SCREEN 56 60 100 INCH) DIAMETER CONTROL CONTROL	
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				RUCTION"	from to	fruit Coul
ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.				RMATION	IF WELL DRILLED WAS FLOWING WELL INSERT	0
DRILLERS IDENT. NO					F IN BOX 68 68 68	100'
DRILLEAS STONATURE LLAGRA					(NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q	well for 15' 0
(MUST MATCH SIGNATURE ON APPLICATION)				ON)	70 72 74 75 76	
SIT resp	E SUPERVISOR (sign, o consible for sitework if o	fdfiller o	r jeurne from pe	yman rmittee)	TELESCOPE LOG OTHER DATA CASING INDICATOR	

FIELD DATA SHEET HOWARD COUNTY WELL YIELD TEST

Location	n of property	81-2019 (road) True	delph	å Rd		
Subdivi.	sion Made	lphia E	Lo Lo	t / Block		Sec.
Well Dr.	iller Ralp	2 Mayor	Ow:	ner Randal	p tacobs	on
			I.P.) above	ground	γ <i>(</i>	
I. Hi	gh rate pumping	reservoir d	!rawdown	•		
	ime pump starte otal time <u>20</u>	nin to reach	pumping wate	Pumping rater level	te 10 G, f	DW M.P.

II. Recovery pump test data - observations to be recorded every 15 minutes

TIME (in 15	WATER LEVEL	PUMPING RATE	FLOW METER READING	CALCULATED FLOW
minute in-	below M.P.	time to fill 🗗	(if used)	(gallons per
tervals		gallon bucket		minute)
7:30	105'	27 acc		21GPM
7:30	1	27: see		2
8:00	105'	27 su		2'
8:15	1785	22 pc		1 7'
8:00	105'	20 su		2
8:45	105' 1705' 105'	22 m	1 /	2' 2' 2' 2' 2' 2' 2' 2' 2' 2' 2' 2' 2' 2
9:00	105'	27 se	\/	2+
9:15	105'	27 suc	V	2+
9:30	105	27000	.]	Z+
9:30	105'	27 se		! /
10:00	105'	27 su 27 su 27 su 27 su 27 su		21 21 21 21 21 21 21
10:15	125':	27sm		2+
10:30	165'	27pe		24
11:00	18)51	27m		2+
11:00	105'	27 su		.2"
11:15	165	3720		21
11:30	105'	2) Dec 1		21
11:45	165	77 ~ 4		2.
12:00	.051	27 su		z ⁺ 2+
17:15	1051	27 pc		2+
11:30 11:45 12:00 12:15 12:30	105	27 ou 27 ou 27 ou 27 ou		2+
12:45	105	27 sec		2+
1:00	105	27.000		2+
1:15	1051	27 p.m		2+
~ / / /	. /	171		

55' 40gpm 12bags

130 105/27 ene 21

