7/12/90 1/13/90 NOAP

#410754

## PERMIT

39912

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

BUREAU OF ENVIRONMENTAL HEALTH

INDEXED

DATE SYSTEM APPROVED

Frall Septic Service	IS PERMITTED TO INSTALL ALTER
ADDRESS P. O. Box 659 Mount Airy Maryland 21771	IS PERMITTED TO INSTALL ALTER
ADDRESS P. 0. Box 659, Mount Airy, Maryland 21771	PHONE 795-5779
SUBDIVISION Twelve Hills ROAD 14007 T	welve Hills Priveot36
PROPERTY OWNER Vintage Homes	ACCESS off ob Twelve Calks
ADDRESS	ii aan aa
YEXCLAPHENGEXCHINDERNOE XUSE BIXINOREA'S IL SERVIXIX NANNIXIXAPPAICHTX YEXINOXIXANIXIX	
THE PROPERTY OF THE PROPERTY O	VARDARHON WARTEN FIXE.
XXX HACE ERMOERXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	$\frac{4}{720}$
SEPTIC TANK CAPACITY 1250 GALLONS NUMBER OF BEDROOM	4
TRENCHES - 180 sq. ft. perbbedroom. Trench to be	2.0 feet wide. Inlet 3.0 feet
below original grade. Bottom maximum d	epth 7.0 feet below original
grade. Effective area begins at 3.0 fe	et below original grade. 4.0 feet
of stone below distribution pipe. 400  LOCATION - Place the distribution box 290 feet down	7-11-40 JEN 7-11-40 JEN 7-11-40 JEN
" Old " " TOO LEET OIT THE SAME LOT LINE Dun two.	nobos on continue i la
NOTE No. 1 (499.95') (319.45') lot line. Maintain a minimum	of 100 feet from the well
Note - No trench to exceed 100 feet in length.	Provide 6" - 8" diameter cleanout
and cap to grade or above on septic tan	k. 7-9-90 DEN
PLANS APPROVED BY Jane Nadeau	<u>ст</u> рате 05/10/89
COVER NO WORK UNTIL INSPECTED AND APPROVED	
NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR TH	E SUCCESSFUL OPERATION OF ANY SYSTEM
NOTE. CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FR	ROM HOUSE TO DRAIN FIELDS
NOTE ALL PARTS OF SEPTIC SYSTEMS (I.E. TANK DISTRIBUTION BOX TRENCHES) TO BE 100 FEET FR	OM WELL (UNLESS OTHERWISE SPECIFICALLY AUTHORIZED)
NOTE: IF DEEP TRENCHIES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVE	EL IN TRENCHIES)
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 DIA ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRE	METER: CAST IRON, CONCRETE OR TERRA COTTA OR PVC OR ABS
NOTE DISTRIBUTION BOXES MUST HAVE BAFFLES	BLDG. PERMITI STONED
en e	AND RETURNED 4/10/9/

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

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

HD-260

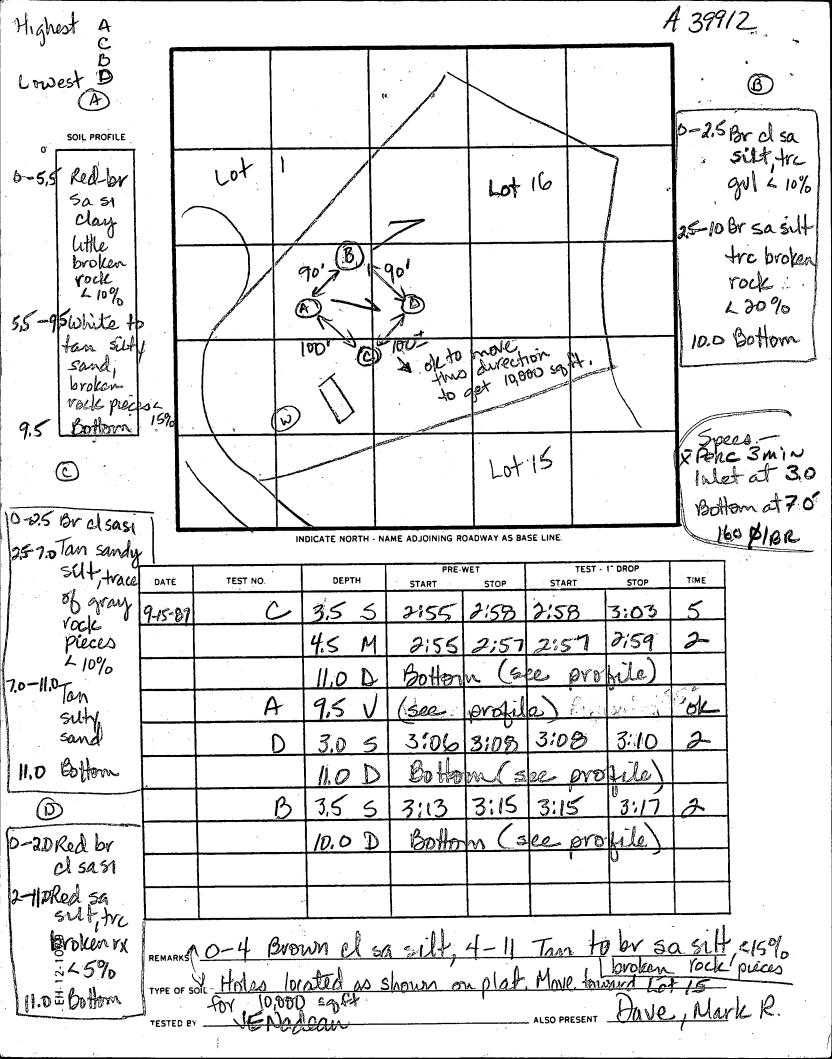
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- 1 -	HO-48-0603		26				
100 × 100		48'				100	18
50			How	SE		(H)	) )
~ ~						50	
							. *
	TW	ELVE OA	NAME ADJOINING ROADW	AY AS BASE LINE			
SEPTIC TANK LEVEL	500 GAL	-OK_	•	ok			
DISTRIBUTION BOX, LEVEL	AL O	AFFLE	= ln				_
DRAIN FIELD/TILE FIELD.	DEPTH	T TRENCH WI	ртн 2	T. INLET DEPTH	<u>3</u> FT.		
EFFECTIVE GRAVEL DEPT		_			FT OR A		
e e e e e e e e e e e e e e e e e e e	R OF TRENCHES _	•	NE SIDEWALL/BOTT	OM AREA 2 (Q)	360 so FT		
DRYWELL INSIDE DIAMETE	7	22	FFECTIVE DEPTH BE	ELOW INLET	FT.	•	
REMARKS 7/2/9	ON OK TO	STOR	FT. IED VI	016 6	HR		
2//3/90 4	1. OKTO	COVE	2045	TONE	MR		_
7/13/90 #5	2 or T	D COU	ier A	11	YR		_
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DATE SYSTEM APPROVED.	7/13/	91)	INSPECTO	R_MaR	17kin		-
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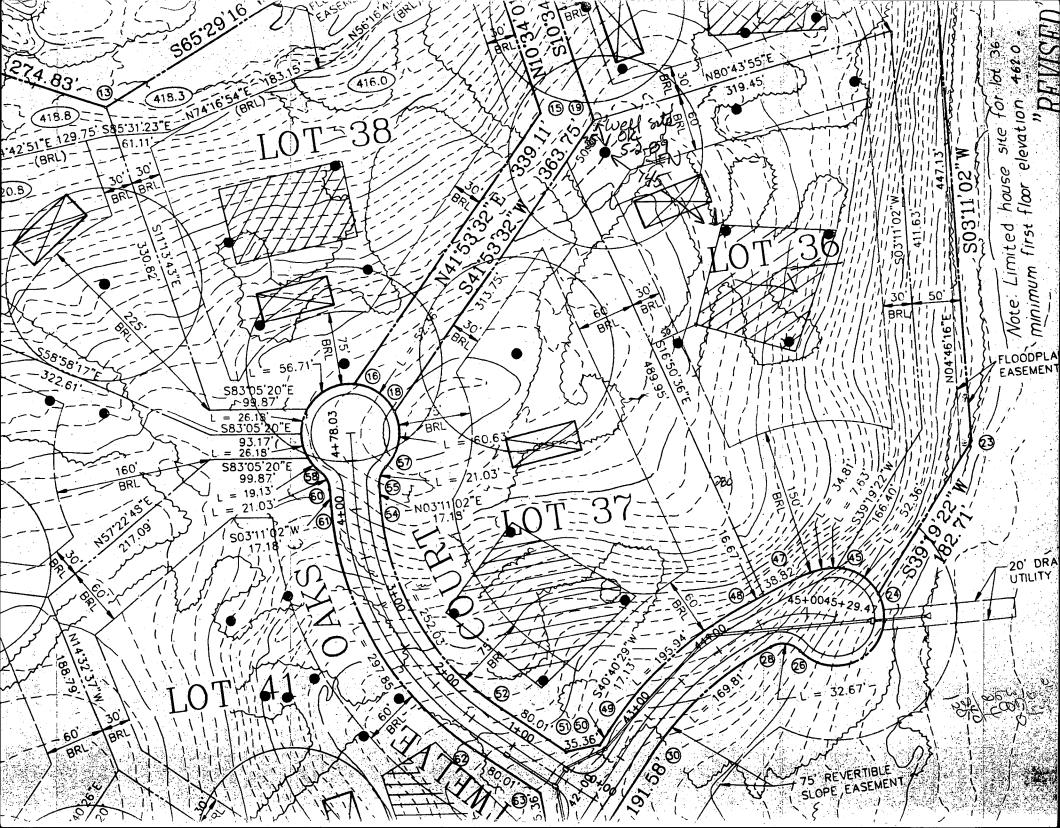
## APPLICATION

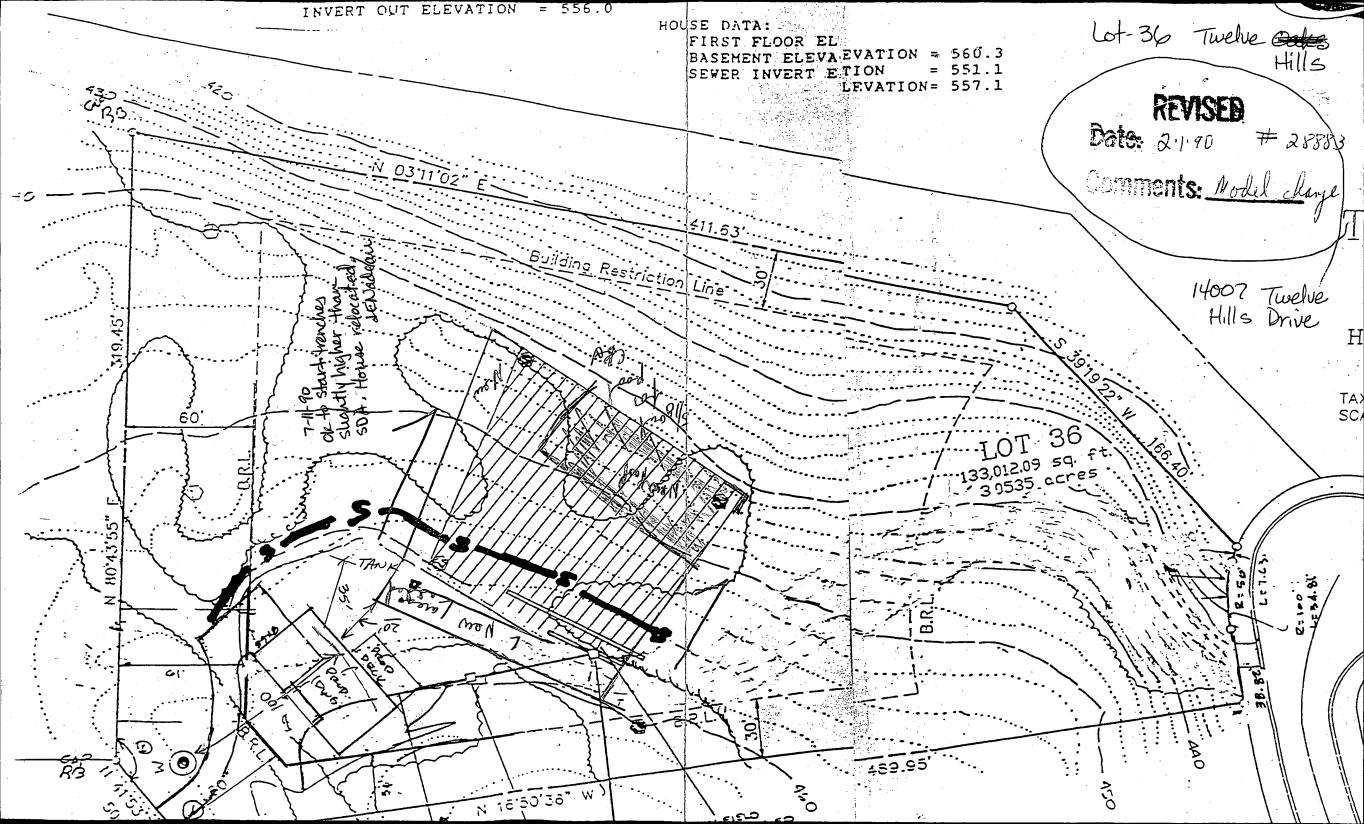
39912

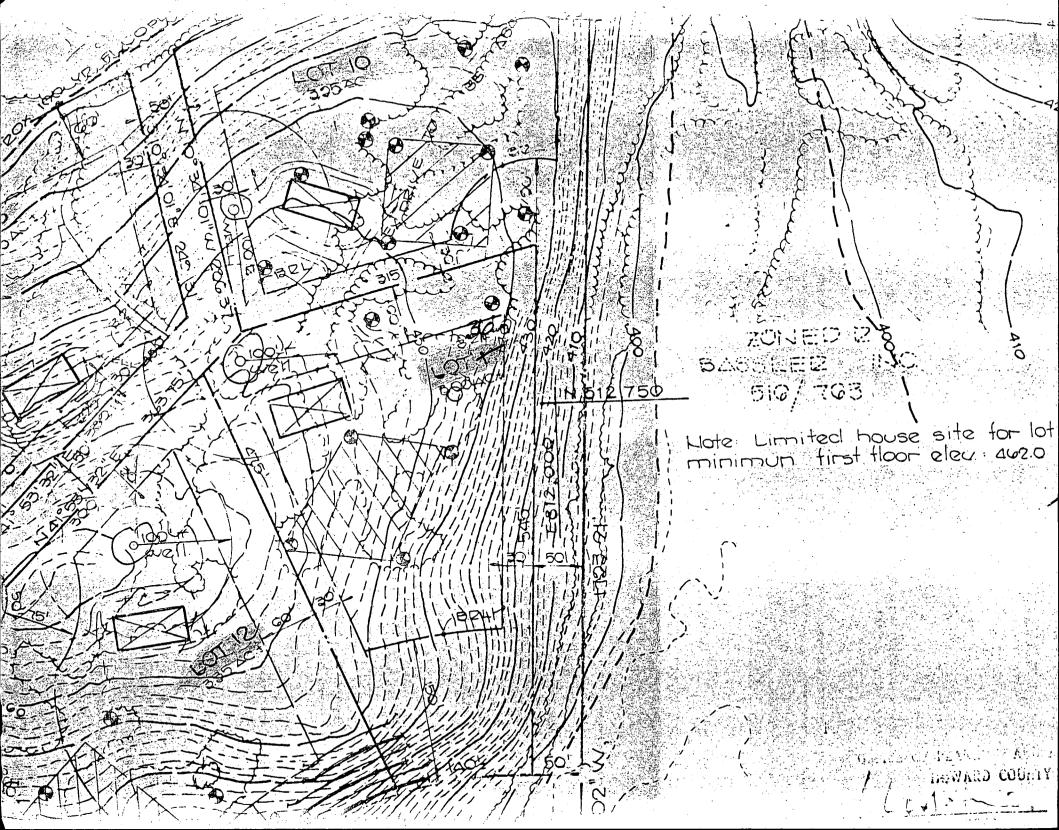
	PERCOLATION TESTING	•	
. The companies of the			P
HOWARD COUNTY HEALTH DEPARTMENT BUREAU OF ENVIRONMENTAL HEALTH	9-15-87 Percs o	DISTRICT	5 DH
P.O. BOX 476 EALICOTT CITY, MARYLAND 21043	pending plat	DATE	8-19-87
TELEPHONE: 461-9933	approval JEN	DATE	
TO: THE COUNTY HEALTH OFFICER ELLICOTT CITY, MARYLAND			•
I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO	CONSTRUCT (OR RECONSTRUCT) A SEV	VAGE DISPOSAL SYSTEM.	
PROPERTY OWNER Attred Bassley	Michael T. Lau	revo - 740-	5227
ADDRESS 4994 Shepherd	Lane	PHONE	1193
PROSPECTIVE BUYER			
ADDRESS		PHONE Final	36
		· LOTTE	helminany
PROPERTY LOCATION:	•	2	rend "
SUBDIVISION I Welve Hills Sec	Til	_ LOT NO	
ROAD AND DESCRIPTION Linden Church	- RA 14007	Twelve Hills K	nad
grand to the distribution of the distribution			
28 49		BIDG. PERMIT SIG	TNED
TAX MAP PARCEL #		AND RETURNED	1/19/19 2 - C.F.D.
SIZE OF LOT 3 ACVES		TYPE BLOG. SFD	5 Bedwom
		(SINGLE FAMILY D	WELLING OR COMMERCIAL)
THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACC	EPTABLE ONLY UNTIL PUBLIC FAC	CILITIES BECOME AVAILABLE. I	FULLY UNDERSTAND THE
		· 	
FEE CONNECTED WITH THE FILING OF THIS PERC TEST AF	PLICATION IS NON-REFUNDABLE	UNDER ANY CIRCUMSTANCES. I	ALSO AGREE TO COMPLY
WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS L		in	·
	' isi	GNATURE OF APPLICANT)	
APPROVED BY	FOR	DATE	·
	FOR	· · · · · · · · · · · · · · · · · · ·	
REJECTED BY	FOR	DATE	<del></del>
HOLD PENDING FURTHER TESTS		DATE	· · · · · · · · · · · · · · · · · · ·
REASONS FOR REJECTION OF HOLDING 9-15-87 TO	r perc hole la	reation and	subdivision
plat approval. Ole-	o move 20	-30' toward	1 Cot 15
to obtain 10,000	soft. JEN.		

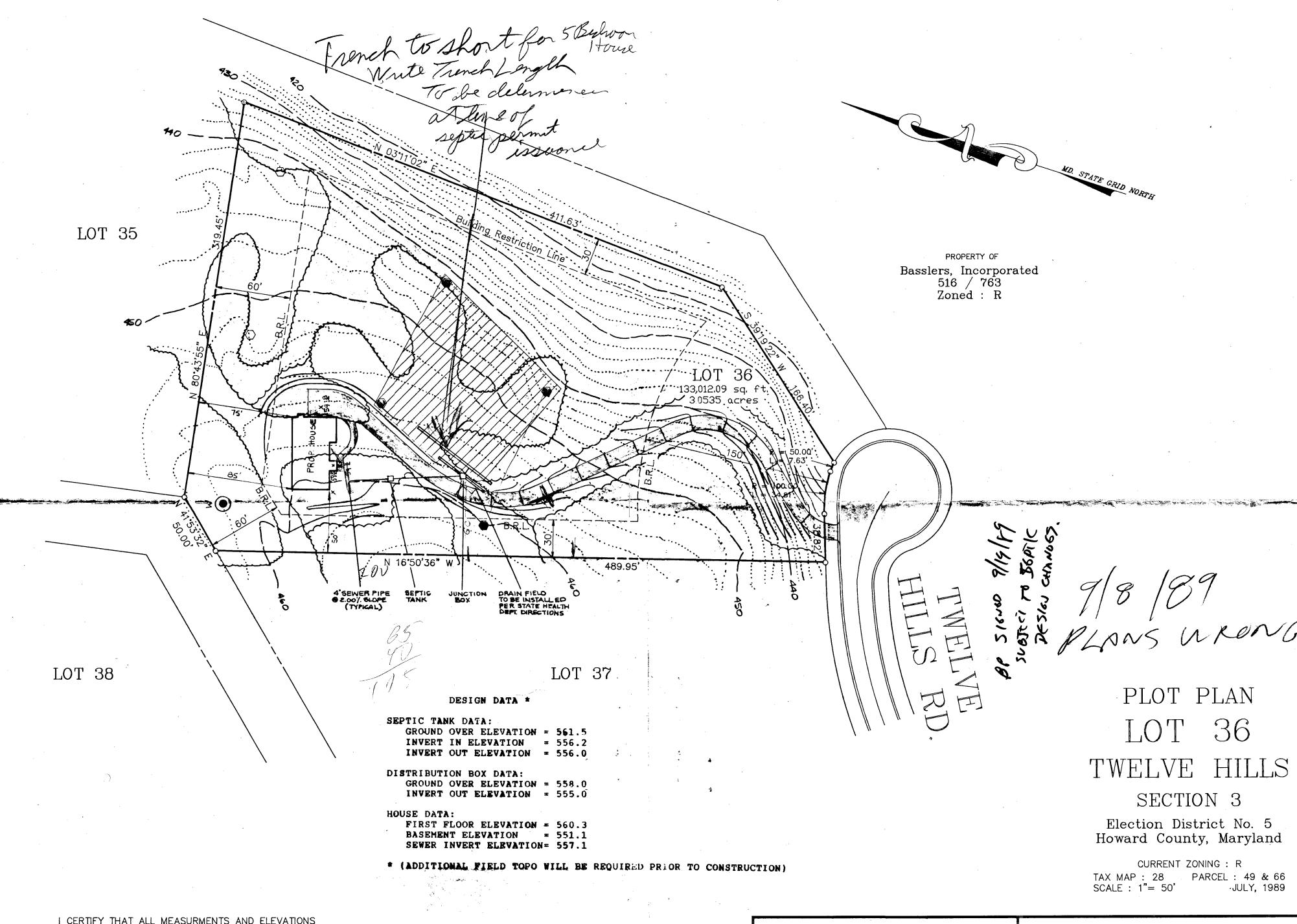
THIS IS NOT A PERMIT











I CERTIFY THAT ALL MEASURMENTS AND ELEVATIONS ARE CORRECT FOR THIS PROPERTY.

David Wassner 7-20-89
DAVID C. WOESSNER DATE

OWNER / DEVELOPER

Land Design and Development, Inc. 8307 Main Street Ellicott City, Maryland 21043 (301) 461-4600 PREPARED BY :

AMERICAN ENGINEERING, INC.

CIVIL ENGINEERING CONSULTANTS
AND LAND PLANNER

609 B MAIN STREET LAUREL, MD.20707 BALTO.(301) 880-3039 WASH.(301) 953-1221

	- T	· <del>-</del>		
DRAWN BY: RT	DATE:	7-	24	\ <u>-</u> {
CHECKED BY: DW	DRAWING	: NO.:		
JOB NO.: 68119	SHEET	/	OF	1

		Zimeridento frienti ito: il Atti	9	<u></u>
	B 1 6817 SEQUENCE NO.	STATE OF.	MARYLAND	STATE PERMIT NUMBER
	1 2 3	PERMIT TO	DRILL WELL	HO-80-0503
-	(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)	please pr	int or type	<sup>70</sup> fill in this form completely <sup>79</sup>
	Date Received (APA)	u,	B 3:	LOCATION OF WELL
	OWNER INFORM	ATION	HOLARA	
	ALTOGETHER LT	DPART	8 COUNTY	21
	15 Last Name Owner	First Name 34	23 SUBDIVISION	M 1/1/5
	10176 BALT NA	1   P     K   E   55	SECTION 3	LOT
	ELLICOTT CITY	MD21043	44 46	48 50
		0 State 72 Zip 76	52 NEAREST TOWN	71
	DRILLER INFORMATION	ON ,	MILES FROM TOWN (ent	er 0 if in town)
	Driller's Name	77 License No. 80	B 4	73 76 77 78 UII S 2000
	Frank Delph Well 1)	rillers Inc.	1 2 DIRECTION OF WELL FROM	TWEIVE TO
	18234 Penn Shop Ro	1. M. AIRY Md.	TOWN (CIRCLE BOX)	11 NEAR WHAT ROAD 30
	Address & A. C.	12 161 624		ON WHICH SIDE OF ROAD
	Signature	Date	89   E   8-9	(CIRCLE APPROPRIATE BOX) WEST CERST
	B 2 WELL INFORMATION	<u>v</u>	TOWN E	SOUTH
	APPROX. PUMPING RATE (GAL. PER MIN.)	5 ]		34 🗐 🔘 0   37
	AVERAGE DAILY QUANTITY NEEDED 5 (GAL. PER DAY)	8 12 O O T T T	Sw L Se	DISTANCE FROM ROAD
	(GAL. FER DAT)	20	8-9 5	ENTER FT or MI F 38 39
	USE FOR WATER (CIRCLE APPR	ROPRIATE BOX)		NOT TO BE FILLED IN BY DRILLER
	D HOME (SINGLE OR DOUBLE HOUSEH		##	HEALTH DEPARTMENT APPROVAL
ň	FARMING (LIVESTOCK WATERING & IRRIGATION)	AGRICULTURAL	COUNTY NAME	COUNTY NO.
5	NDUSTRIAL, COMMERCIAL, STATE A	ND FEDERAL GOV.	STATE SIGNATURE	INSERT S
**	PUBLIC OR PRIVATE WATER COMPAI	NY (REQUIRES	DATE ISSUED	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	P APPROPRIATION PERMIT AND STATE APPROVAL)	HEALTH DEPARTMENT	13510814	OSIGNATURE EXP. DATE
	TEST, OBSERVATION, MONITORING (	MAY REQUIRE	NORTH 5 1 2 0 0	0 EAST 0 8 0 0 0
	L' APPROPRIATION PERMIT)	·	SHOW MAJOR FEATUR	55 57 63
	APPROXIMATE DEPTH OF WELL 200	FEET	BOX & LOCATE WELL _	E3 0F
	24	28	WITH AN X SOURCES OF DRILLING	WATER
	APPROXIMATE DIAMETER OF WELL	NEAREST INCH	1. W. W.	· ·
	METHOD OF DRILLING	(circle one)	2.	
	BORED (or Augered) JETTED	Jetted & <u>DRIVEN</u>	3. WRITE THE BOX NUMB	FR
	30. AIR-ROTary AIR-PERcussion R	OTARY (Hydraulic Rotary)	FROM THE MAP HERE	٠.٠٠
	<u>CABLE</u> <u>REV</u> erse <u>-ROT</u> ary	DRive-POINT	A 1) E	X W
	other		911 E 500	7
	REPLACEMENT OR DEEPENE	ED WELLS	N 28/2	000
	(CIRCLE APPROPRIATE B		RELATION TO NEARBY	W SHOWING LOCATION OF WELL IN TOWNS AND ROADS AND GIVE
	N THIS WELL WILL NOT REPLACE AN E		DISTANCE FROM WELL	TO NEAREST ROAD JUNCTION
,	THIS WELL WILL REPLACE A WELL TABANDONED AND SEALED	MAI WILL BE	N A	
	39 S THIS WELL WILL REPLACE A WELL T	THAT WILL BE USED	<b>↑ *</b>	$\theta = e^{-\frac{1}{2} \left( \frac{1}{2} \left( \frac{1}{2} \right) + \frac{1}{2} \left( \frac{1}{2} \right) \right)} = e^{-\frac{1}{2} \left( \frac{1}{2} \right)} = e$
	D THIS WELL WILL DEEPEN AN EXISTI	NG WELL		
物理	PERMIT NUMBER OF WELL TO BE REPLA	CED OR DEEPENDED	1	03001
عدد م	(IF AVAILABLE) 41	52	] 7	websetresct x
	Not to be filled in by driller (OEP	USE ONLY)	J. Santa	(vi.el
* 6	APPROP PERMIT NUMBER G	G A P		T.
,a 165	WRITE 54	63	The state of the s	'en church Pd.
	FORCE N INITIALS PERMIT NO. 1 1 70 71 72	<b>8 8</b> - <b>0 6 7</b> 78 79	Jeriet	a so mes a complete many.
	SPECIAL CONDITIONS	* ,	<del>/</del>	

Property

A STATE OF STATE

C 1 2441 SEQUENCE NO. (DENV USE ONLY)  (THIS NUMBER IS TO BE PUNCHED	STATE OF MARYLAND WELL COMPLETION REPORT FILL IN THIS FORM COMPLETELY	THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.  COUNTY			
IN COLS. 3-6 ON ALL CARDS)	PLEASE PRINT OR TYPE	NUMBER PERMIT NO.			
DATE Received DATE WELL COMPLETE  8 13 15 20	Depth of Well  T 22 2 5 26  (TO NEAREST FOOT)	FROM "PERMIT TO DRILL WELL"			
last name	TO madrice his				
STREET OR RFD last name SUBDIVISION		nyton			
WELL LOG	SECTION	LOI 360			
Not required for driven wells STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH,	WELL HAS BEEN GROUTED (Circle Appropriate Box)	C 3 1 2 PUMPING TEST			
THICKNESS AND IF WATER BEARING	TYPE OF GROUTING MATERIAL  CEMENT C M BENTONITE CLAY B C	HOURS PUMPED (nearest hour)			
DESCRIPTION (Use FEET Check if water additional sheets if needed) FROM TO bearing	45 46	PUMPING RATE (gal. per min.			
Total Control of the	GALLONS OF WATER DEPTH OF GROUT, SEAL (to nearest foot)  from ft. to ft.	to nearest gal.)  METHOD USED TO  MEASURE PUMPING RATE  WATER LEVEL (distance from land surface)			
Trp5-11 0 2 3 15 1	48 TOP 52 54 BOTTOM 58 (enter 0 if from surface)  casing CASING RECORD	BEFORE PUMPING 15 20			
1711KA 15 70	types insert appropriate code STEEL CONCRETE	TYPE OF PUMP USED (for test)			
Sindsten 20 75 W	PLASTIC OTHER	A air P piston T turbine			
111.Km . 75 305	MAIN Nominal diameter Total depth CASING top (main) casing of main casing TYPE (nearest inch) (nearest foot)	C centrifugal R rotary O (describe 27 below)			
	60 61 63 64 66 70	J jet S submersible			
	E / OTHER CASING (if used) A diameter depth (feet)				
	inch from to	PUMP INSTALLED			
		DRILLER WILL INSTALL PUMP YES (NO (CIRCLE) (YES or NO) IF DRILLER INSTALLS PUMP, THIS SECTION			
	screen type SCREEN RECORD	MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE			
	or open hole ST BR HO	TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE:  29			
	code below BRONZE HOLE PL OT	CAPACITY: GALLONS PER MINUTE (to nearest gallon)  31 35			
	PLASTIC OTHER	PUMP HORSE POWER  37  41  PUMP COLUMN LENGTH			
	DEPTH (nearest ft.)	(nearest ft.)			
	E 1	CASING HEIGHT (circle appropriate box and enter casing height)			
	S 23 24 26 30 32 36	LAND SURFACE			
A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED	E 3 38 39 41 45 47 51	LOCATION OF WELL ON LOT			
E ELECTRIC LOG OBTAINED	SLOT SIZE 1 2 3	SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR			
P TEST WELL CONVERTED TO PRODUCTION WELL	DIAMETER (NEAREST OF SCREEN 56 60 INCH)	N LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO 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	from to ,				
ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST	IF WELL DRILLED WAS	14			
OF MY KNOWLEDGE.	FLOWING WELL INSERT F IN BOX 68 68				
DRILLERS IDENT. NO.	OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)	Redonate To			
DRILLERS SIGNATURE	T (E.R.O.S.) WQ				
(MUST MATCH SIGNATURE ON APPLICATION)	70 72 74 75 76				
SITE SUPERVISOR (sign. of driller or journeyman	TELESCOPE LOG OTHER DATA	fo.			
responsible for sitework if different from permittee)	CASING INDICATOR	Iniallend Chille			
COUNTY					

7/18/90

## HOWARD COUNTY HEALTH DEPARTMENT Bureau of Environmental Health 3525-H Ellicott Mills Drive Ellicott City, MD 21043 461-9933

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation Replacement	Receipt # 46/57 Date 7/1/140
Name of Installer Robart A. Thurr	<u>Mah</u> Telephone <u>854-6202</u>
License Number 17380 Certified Well Pump Installer Well Drille	r Registered Plumber
Name of Property Owner Vintage Home Sto Subdivision Twelve Hills Lot # 36 Site Address 4000 Twelve Hills Pat.	o Well Tag # <u>HO-28 - 0603</u> Clackshill MD
Pump  1. Type  2. RPM  b. Shallow well jet  3. Voltage  c. Submersible  3. Voltage  a. 110  2. Make ACUZZI  3. Model \$  4. Capacity  5. Pump exceeds well capacity Yes  6. If Yes, is low pressure cutoff switch instal  7. What methods are used to protect the pump an vibrations? Torque arrestors  Cable	3. Depth  led? Yes No delectrical wiring from
I understand that it is my responsibility to	2. Yield GPM  BOCA 3. Static water  ed level ft.  pply 4. Will water supply  be disinfected by  installer?  notify the Howard County Health
Department when the installation is ready for i is null and void).  All information given above is true to the best  Signature of Applicant:	of my knowledge. What a M
Date: Note: A sticker indicating approval/status of	July 16, 1990

on the well casing at the time of the inspection.