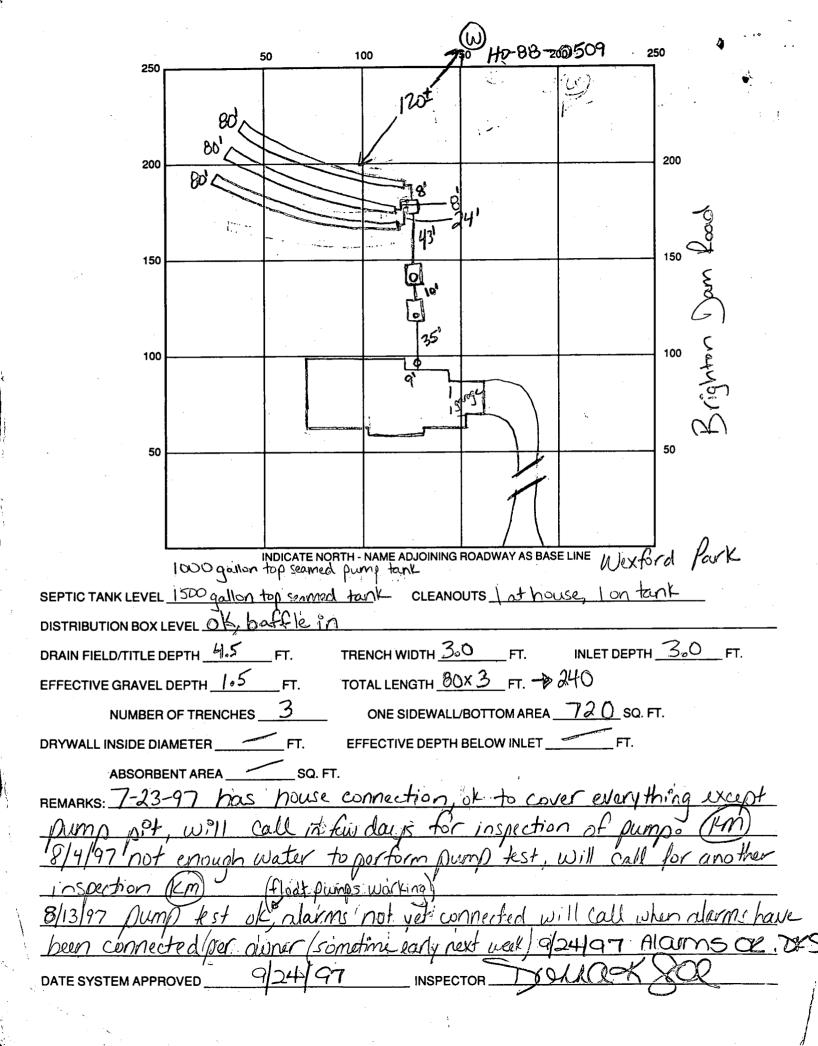
PERMIT 58036 SEWAGE DISPOSAL SYSTEM 56609 DEPARTMENT OF HEALTH AND MENTAL HYGIENE 5th DISTRICT HOWARD COUNTY HEALTH DEPARTMENT **BUREAU OF ENVIRONMENTAL HEALTH** XXXXXXXXX 313-2640 INSPECTOR \_\_ IS PERMITTED TO INSTALL \_\_\_X \_\_\_ ALTER Farm & Home Excavating, Inc. ADDRESS 901 Driver Road Marriottsville, MD 21104 PHONE 442-2139 ROAD 12906 Wexford Park Waterford 24 SUBDIVISION\_ Alexios Xenochristos PROPERTY OWNER \_ ADDRESS\_ \*\*\* PUMPED SEPTIC SYSTEM \*\*\* SEPTIC TANK CAPACITY 1250 GALLONS TOPPED SEAMED SEPTIC & 300 INSTALL- 1000 gal pump chamber PUMP TANK with dual or single NUMBER OF BEDROOMS 4 effluent pump(s) and controls and alarms. SQUARE FEET PER BEDROOM Contractor to supply pump detail 240 LINEAR FEET OF TRENCH REQUIRED prior to issuance of septic permit. TRENCHES - Trench to be 3 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 4.5 feet below original grade. Effective area begins at 3 feet below original grade. 1.5 feet of stone below distribution pipe. LOCATION - Starting at the intersection of the 557.72 and 111.20 lot lines, place the distribution box 255 feet down the 557.72 lot line and 130 feet off this same Run trenches on contour towards the 557.72' lot line. lot line. No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and NOTES cap to grade or above on septic tank. MAINTAIN AT LEAST 100 FEET FROM ALL PARTS OF SEPTIC SYSTEM TO SURROUNDING WATER WELLS. 9/13/96 DKS 09/09/96 PLANS APROVED BY Donna K. Soe/Amy McMillen 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

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

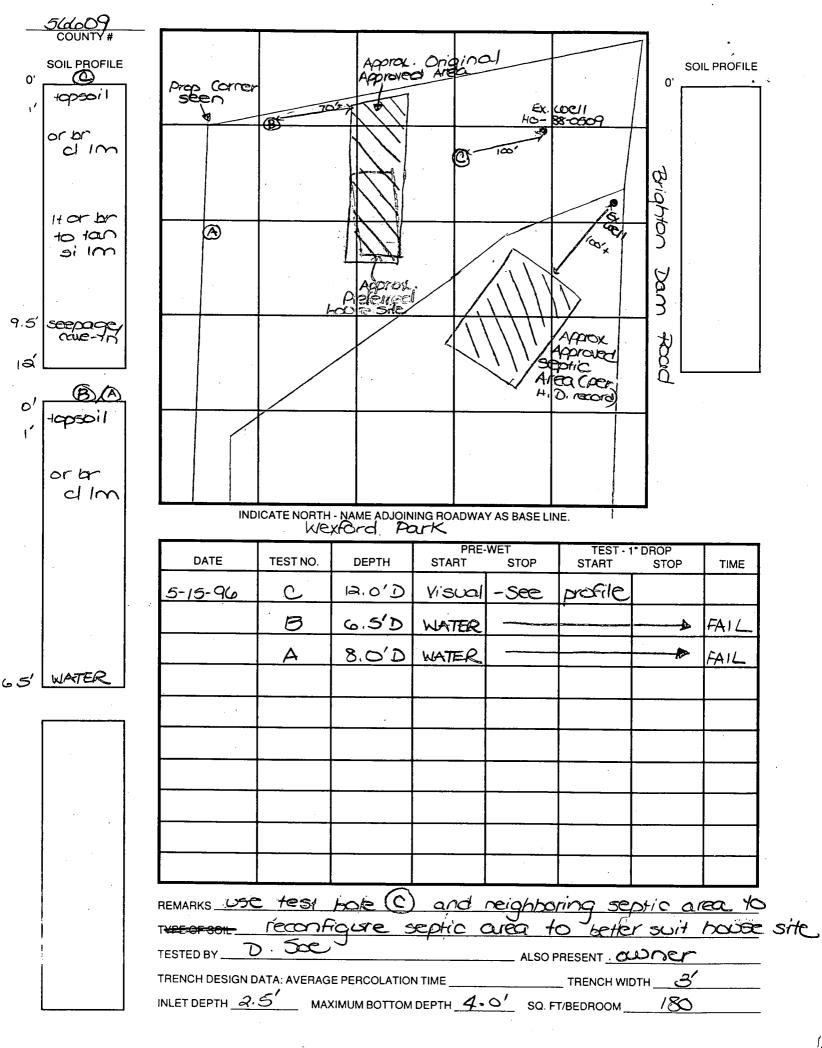
PERMIT VOID AFTER TWO YEARS



# SISIGN APPLICATION

PERCO	OLATION TESTING		A 56609
HOWARD COUNTY HEALTH DEPARTMENT BUREAU OF ENVIRONMENTAL HEALTH 3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043 TELEPHONE: 313-2640  TO: THE COUNTY HEALTH OFFICER ELLICOTT CITY, MARYLAND I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICAT	-	EXPLONATION DA  WALLEY  THE THE TEST	TE STOPS  NION TO TEST ONTO
PROPERTY OWNER ALEXIOS XENOCHRIST			
ADDRESS 1924 LODESTONE DR'S AGENT OR PROSPECTIVE BUYER		NENE	-30/ 38/72+0
PROPERTY LOCATION: SUBDIVISION WATERFORD SECTION	<u></u>	10. 24	
ROAD AND DESCRIPTION 12906 WEXFORD PA	PER CLARKS	YIME MD 200	29
TAX MAPPARCEL #		RETURNED A	0/9/96
SIZE OF LOT 3.3 46 4	TYPE BLDG	SINGLE FAMILY DWELL	4-4Bem
THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTAB	LE ONLY UNTIL PUBLICE	ACILITIES BECOME AVAILABI	LE. I FULLY UNDERSTAND THE
FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPL	٠,	ABLE UNDER ANY CIRCUMS	STANCES. I ALSO AGREE TO
COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LO	OT. HOUS	(SIGNATURE OF APPLIC	CANT)
APPROVED BY	FOR	DA1	re
DISAPPROVED BY	FOR	DA <sup>-</sup>	re
HOLD PENDING FURTHER TESTS	·		
REASONS FOR REJECTION OR HOLDING			· .
PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. #		DATE	
SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. #		DATE	

## THIS IS NOT A PERMIT



## APPLICATION

SEWAGE DISPOSAL TESTING

A 34968

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

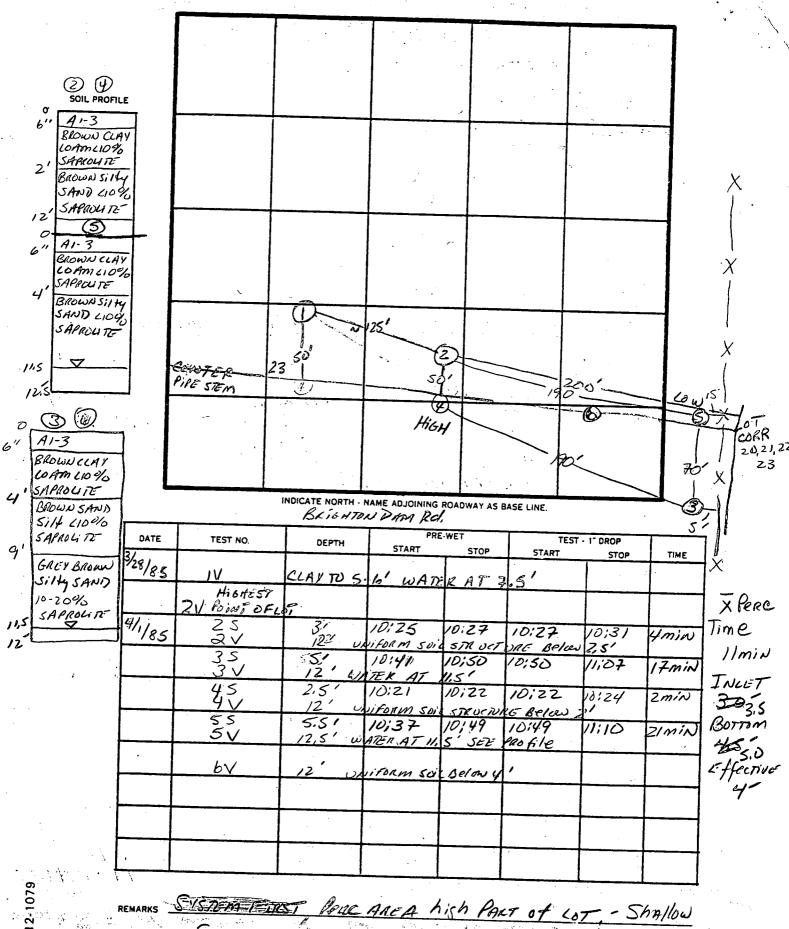
HOWARD COUNTY HEALTH DEPARTMENT ENVIRONMENTAL HEALTH SERVICES

P. O. BOX 476 ELLICOTT CITY, MARYLAND 21043 TELEPHONE: 992-2330

DISTRICT 5th ELECTION

DATE 2.14.85

					A Section of the Control of the Cont	
TO:	THE COUNTY HEALTH OFFICER		•			
	ELLICOTT CITY, MARYLAND  I. HEREBY. APPLY FOR THE NECESSARY TES	T IN ORDER TO CONSTRUCT (C	OR RECONSTRUCTO A SEW	AGE DISPOSAL SYSTEM		
PROF		TERNATIONAL	CORPORATI	· AAuss	CONSTRUCTIO	on Co.
	ADDRESS 4951 BOURNOOD PA	PEWAY NW, WA	DH, DC., 2001	PHONE	2) 659-247	<u> </u>
	PERTY LOCATION:  WATERFORT  DIVISION HUNTINGTON FOR	) ATEG	Section	2_ _ LOT NO	Prelimina LOT B	,
ROAD	D AND DESCRIPTION ON BRIGHTO	N BOAD, 1800	_	TEN DAKE	POAD INTE	PEECT ION
		& CUENTORIS /	UNC			
SIZE	OF LOT 2.80 AC =		,		NUMBER OF BEDROO	
THE	SYSTEM INSTALLED UNDER THIS APPLIC	CATION IS ACCEPTABLE ON	LY UNTIL PUBLIC FAC	ILITIES BECOME AVA	ILABLE. I FULLY UNDE	RSTAND THE
	CONNECTED WITH THE FILING OF THIS I		NON-REFUNDABLE L	NDER ANY CIRCUMS	TANCES. I ALSO AGRE	E TO COMPLY
APPR	ROVED BY _ Sichery aby	FC	or Stallar to	NATURE OF APPLIC	4-1-	7
REJE	ECTED BY	FC	OR		DATE	
HOLD	D PENDING FURTHER TESTS				DATE	
REAS	SONS FOR REJECTION OR HOLDING 4/-1-8	5 RAC SATISI	FACTORY h	old for RE	view 2 H	O hole
	old for hole location					
SA	ARLOW SYSTEM ONL	, 12-12-85 5.	Aber -	BMOG. PER	MIT SIGNED	
	<b>,</b>			AND RETU	RNED COLORS	75.
		Y RIA			BP263	77 
1	THIS IS			PE	KM	



S. Mel

TESTED BY

COUNTY

5/17 Note had problem with

Cement cloggy pipes t/s full

pipe. (20 of pipe left in) - Waited 6 minutes ( Well growt stable) vez lettle change.

c1 6880	SEQUENCE N (DENV USE ON		STATE OF MARYLAND	THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.
(THIS NUMBER IS TO BE F IN COLS. 3-6 ON ALL CAR	PUNCHED	,	WELL COMPLETION REPORT FILL IN THIS FORM COMPLETELY PLEASE PRINT OR TYPE	COUNTY NUMBER & =
DATE Received	DATE WELL CO	MPLETE	D Depth of Well	PERMIT NO. FROM "PERMIT TO DRILL WELL"
8 13	05/1	20	(TO NEAREST FOOT)	HO - 88 - 05 09 28 29 30 31 32 33 34 35 36 37
OWNER			Α	
STREET OH RFD		KEURT	7) PARK first name TOWN C	LACKSVILLE
SUBDIVISION UI ATA			SECTION	LOT <u> </u>
WELL Not required for STATE THE KIND OF	r driven wells	<del></del> -	WELL HAS BEEN GROUTED (Circle Appropriate Box)	C 3
PENETRATED, THEII THICKNESS AND IF			TYPE OF GROUTING MATERIAL	HOURS PUMPED (nearest hour)
DESCRIPTION (Use	FEET	Check	CEMENT CM BENTONITE CLAY BC	8 9
additional sheets if needed)	FROM TO	if water bearing	NO. OF BAGS _ MANO. OF POUNDS 10. CL	PUMPING RATE (gal. per min. / 2 to nearest gal.)
Top Soil	02		GALLONS OF WATER	METHOD USED TO
	-   -		DEPTH OF GROUT SEAL (to nearest foot)	MEASURE PUMPING RATE WATER LEVEL (distance from land surface)
hendy Clay	2 35		from / ft. to 7 / 1 ft.	BEFORE PUMPING (1/2)
1	35 65		(enter 0 if from surface)	17 20
Sand Silt			casing CASING RECORD types	WHEN PUMPING / 3 7
4			insert STEL CONCRETE	22 25
clay	65 73		appropriate STEEL CONCRETE CONCRETE	TYPE OF PUMP USED (for test)
Sand Stone			below PLASTIC OTHER	A air P piston T turbine
MicatFlist Mixed GraySoftMica Sand Stone Mica	73 80		MAIN Nominal diameter Total depth CASING top (main) casing of main casing	C centrifugal R rotary Other (describe 27 below)
MANON			TYPE (nearest inch) (nearest foot)	
MIXEC	( n   n			J jet S submersible
Con Softlier	80 110		60 61 63 64 766 70	
S7 5-9201 11-11-5	110 112	LAND OF THE STREET	E OTHER CASING (if used) C diameter depth (feet)	PUMP WOTH I
Cand Stone		•	inch from to	PUMP INSTALLED
5/4/10	112 200		š	DRILLER WILL INSTALL PUMP YES (NO)
Mica			- 20	IF DRILLER INSTALLS PUMP, THIS SECTION
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	A .		CORPET DECORD	MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE
	$\begin{bmatrix} & b \\ & f \end{bmatrix}$	•	screen type SCREEN RECORD or open hole	TYPE OF PUMP INSTALLED
			insert STEEL BRASS OPEN	PLACE (A,C,J,P,R,S,T,O) IN BOX-SEE ABOVE:  29
			(appropriate code BRONZE HOLE	CAPACITY:
·			below / PL OT	GALLONS PER MINUTE (to nearest gallon)
-		•	PLASTIC OTHER	PUMP HORSE POWER
				PUMP COLUMN LENGTH 77 41
	·		DEPTH (nearest ft.)	(nearest ft.)
			E 1 4 0 6 9 11 15 17 20 0 21	CASING HEIGHT (circle appropriate box and enter casing height)
			C 48 9 11 15 17 21	and enter casing height)  LAND SURFACE
				helow (nearest
CIRCLE APPROF	PRIATE LETTER	_	C 23 24 26 30 32 36 R 31 R 32 36 R 31 R 32 R 36 R 32 R 32	49 foot)
A WELL WAS ABAND			N 38 39 41 45 47 51	LOCATION OF WELL ON LOT
WHEN THIS WELL W		'	N .	SHOW PERMANENT STRUCTURE SUCH AS
E ELECTRIC LOG OBTA			SLOT SIZE 123 DIAMETER TTTT (NEAREST	BUILDING, SEPTIC TANKS, AND/OR N LANDMARKS AND INDICATE NOT LESS
P TEST WELL CONVER	TED TO PRODUC	TION	OF SCREEN 56 (NEAREST INCH)	THAN TWO DISTANCES (MEASUREMENTS TO WELL)
I HEREBY CERTIFY THAT THIS WELL ACCORDANCE WITH COMAR 10.1			from to	(MEASSITEMENTS TO WELL)
AND IN CONFORMANCE WITH ALL ABOVE CAPTIONED PERMIT, AN	CONDITIONS STATE	D IN THE	GRAVEL PACK	20.
PRESENTED HEREIN IS ACCURATE OF MY KNOWLEDGE.			FLOWING WELL INSERT	2 80' well
DRILLERS IDENT. NO. L	40		F IN BOX 68 68	3 90 X
-jt $-j$		**	OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)	
DRILLERS SIGNATURE	<u> </u>	1	T (E.R.O.S.)	o l
(MUST MATCH SIGNATURE	ON APPLICATI	ÓN)	74 75 76	4
The ball Lill	in a second		70 72	<i>f</i>
SITE SUPERVISOR (sign. of			TELESCOPE LOG OTHER DATA CASING INDICATOR	
responsible for sitework if o	merent nom per	mittee)		Wextined that (1)

AGE	 O F	

12:30 5-19-89 14A8 OK 6/18/89 CW

,	<del></del>	•	
DATE			

### FIELD DATA SHEET HYDROGEOLOGIC AREA WELL YIELD TEST

MARÝLAN	D WELL PERMIT NO. <u>F</u>	10-88-0509 ELEC	CTION DISTRICT	
LOCATIO	N OF PROPERTY (road)	LOT 24 WATERF	ORD	
			BLOCKSEC	·
"WELL DR	ILLER GASTERDAY	OWNER D		·
r	DEPTH OF WELL 2006+	1261m		
		INT (M.P.) ABOVE GROUND	2 FEET	•
		L.) BELOW M.P. <u>/O Feet</u>		
	RATE PUMPINGRESERVOIR	,		
7	TIME PUMP STARTED /2 30	PUMPING RATE 12	Caccos Inch. EVEL 10 FT. BE	TOU W D
II. RECOV	VERY PUMP TEST DATA- OBS	ERVATIONS TO BE RECORDED	EVERY 15 MINU	TES
		PUMPING RATE		CALCULATED
	WATER LEVEL	Time to fill	FLOW METER READING	FLOW
TIME	BELOW M.P.	<u>1</u> gal. bucket	(if used)	GPM
12.30	10 FEET	5 SECONDS	N/A	12 Gauges
2.45	SOFEET	5 5 5 6 0 11 0 5		12 GOLLONS
00	77 Feet	5 56001105		12 GALLONS
1.15	94 FEET	5 SECO1105		12 GALLONS
′.3o	116FEET	55600105	/	126 necons
· 445	127 Fee7	5500005		12 Ga com.15
3.00	135 FEET	5seconos		12 GALLONS
2:15	137 Feet	5 5000.05		12 GALLONS
230	136 FEET	5secon es		12Gourns
2.45	137 Fee T	SSECONORS		12GALLONS
3:00	137 FeeT	Sseene 03		12 Gacions
3.75	137 Feet	5 500m 11 05		12 GALLONS
3:30	137 Feet	5 SECOMBS		12 GALLONS
3: <b>45</b>	132Fee7	55000000		12 GALLONS
			Pampwas retat	
	·		180 pece	
			1 R. Hawly for	
			05.19.850	
	·			
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<del></del>				+
			<del></del>	+

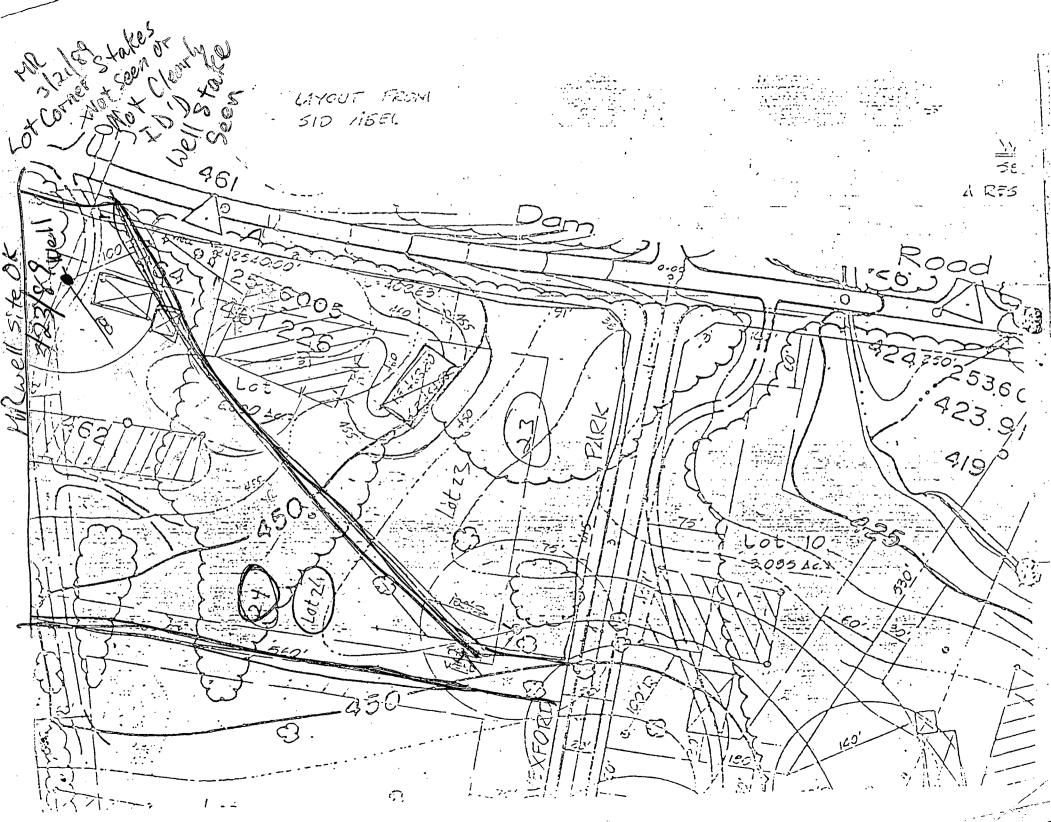
5/19/89	12,30 3HAS
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Date		

Review	

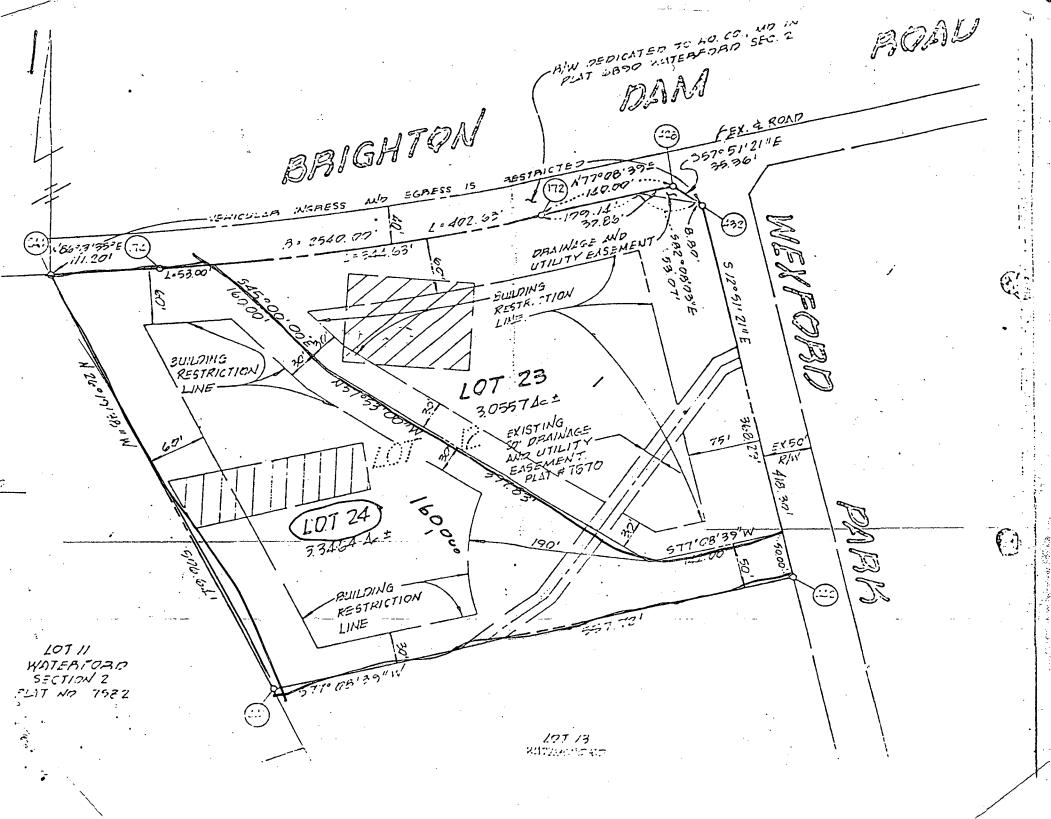
#### FIELD DATA SHEET HOWARD COUNTY WELL YIELD TEST

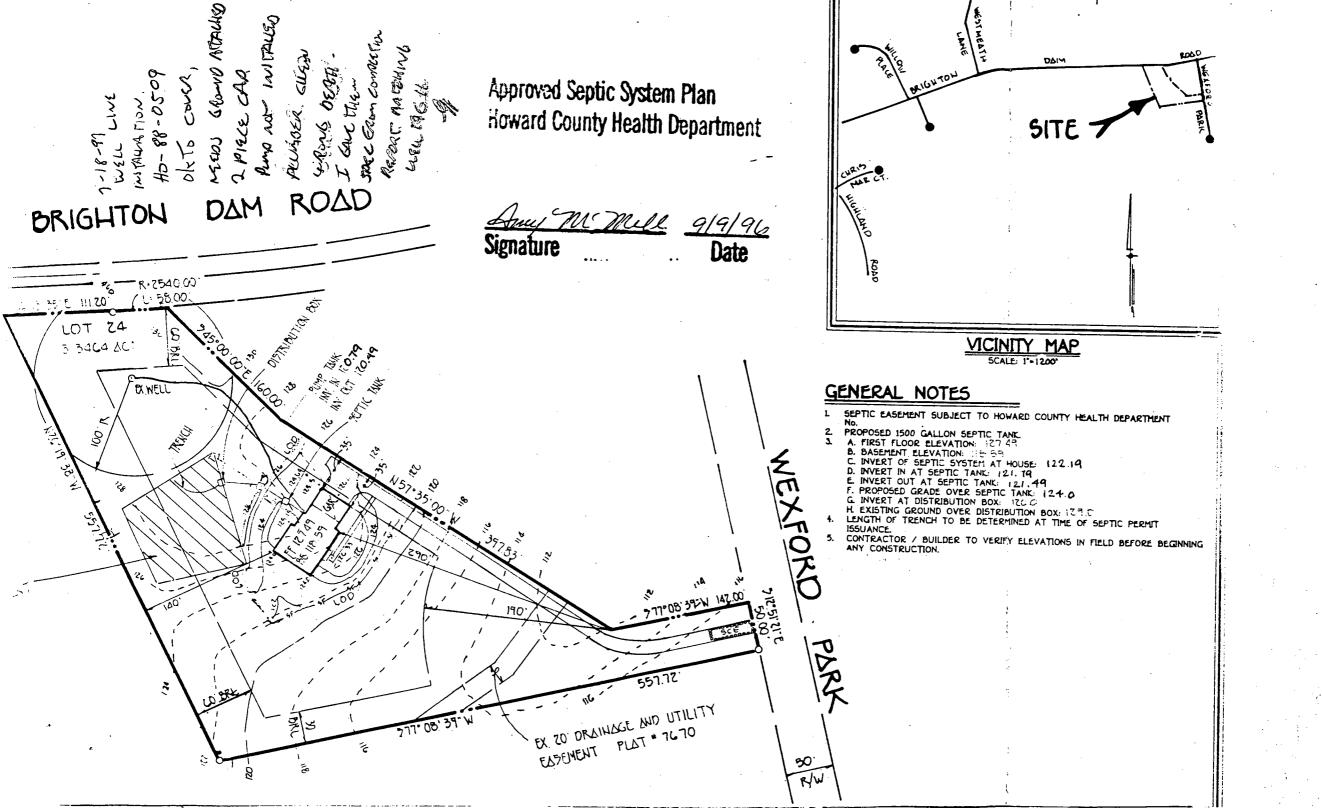
Well Permit No.	но - <u>88-05</u>	09	24 Block Plat	
Subdivision L.)	atorford	Tot	1 U Block Plat	Sec.
Well Driller	aterford Easterd	Owne Owne	er Davis Constr	TIC-FION
_	//-2	2/		0.07.4074
Depth of	well	<u>//</u>	-1,1-7	
Distance	e of measuring po	pint (M.P.) above gr L.) below M.P. 2	round 2/21	· · · · · · · · · · · · · · · · · · ·
Static w	vater level (S.W.	L.) below M.P. 20	9F/	<del></del>
T Wigh rate	pumping reser	woir drawdown		
			10 ala	
Time pump	started / 7	<del></del>	Pumping rate 29hv level 29 ft. 1	
Total tin	ne <u>//</u> to	reach pumping water	level 2/ Oft. I	pelow M.P.
II. Recovery p	oump test data -	observations to be	recorded every 15 minut	tes
TIME (in 15	WATER LEVEL	PUMPING RATE	FLOW METER READING	CALCULATED FLOW
minute in-	below M.P.	,	(if used)	(gallons per
tervals	10116	gallon bucket		minute)
1095	1991	6 SEC		106AL
_				
	Cana	10. Tu Do	10 45 AM	
<del></del>	- JWW	ma man	10 13 1810	
	U	,		·
	anwen	at end	of persont	Ling
	tool	Faster	Flant Tale	
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	1000	aganacy.		
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	<u> </u>			
		1114		
			2	
		1' 10		
		<del></del>		· · · · · · · · · · · · · · · · · · ·
	77267	12:30		
200 Ft	126PM NET	STABILI ZED	·	
			<u> </u>	12.2.2
1:15	94	5 secs		12686
1/30	116	5 sec.		18 CR2
		<del></del>		

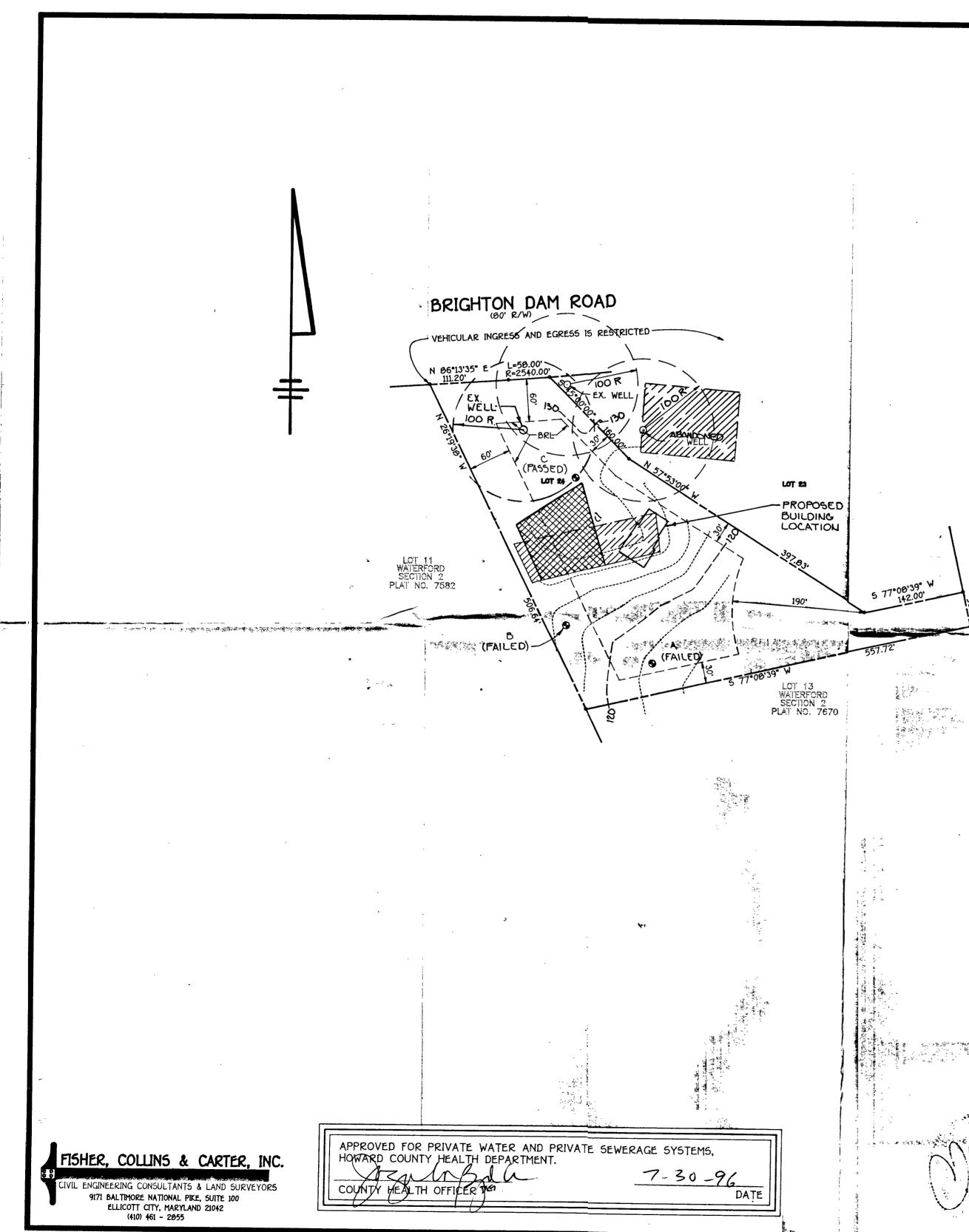


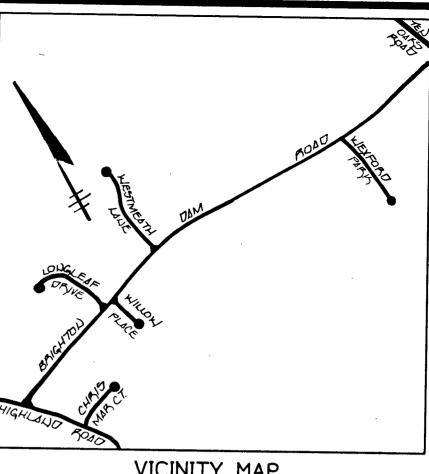
<i>/</i> /		
TO in a secont	TRUMBER CLER CORRE	at how bray aron
MOLUMBER REPORTS	OWARD COUNTY HEALTH DEPARTM	IENT FRONT AP
7/1/1/1	urasu of Paulassianesi ul	
Con 205 GIVEN VAONE DEATH	3525-H Ellicott Mills Driv	8-4-97
The pump of to COUR LIVE	Ellicott City, ND 21043	has 2 piece cap, sealed or
os 2 prece car, order	451-9933	casing with silicone, needs.
APPLICATION FOR PITLES	S ADAPTER, WELL PUMP AND PR	has 2 piece cap, sealed or cosing with silicone, needs sessure tank installation gasket.
		rely 100 2
		10[16/97 2 piece water tight cap scale
New Installation		onto caring with O-ring gashet km
Replacement		Receipt •
	<b>9</b> 0	Date <u>7/17/77</u>
Name of Installer MARI	NO PHH INC.	Telephone <u>410-747-5615</u>
M.3095		
License Number M-3095	<del></del>	
centified mett bomb tustat	ler Well Driller	Registered Plumber
Name of Property Owner	ALEXIAUS YSNOCOG	70STelephone <u>301-384-3771</u>
Subdivision WATER For	Lot 4 24	Well Tag # <u>HO-88-0309</u>
Site Address 12906 W	EXFORD PARY	
•		
Pump	Notor ·	Pitless Adapter
1. Type	1. Horsepower	1. Nake <u>CAMPBELL</u>
a. Deep well jet b. Shallow well jet	2. RPM	2. Nodel # <u>/500</u>
c. Submensible	3. Voltage	3. Depth
2. Make Vacuse	a. 110	
3. Model # \545218-5	b. 220	
	PN	
5. Pump exceeds well capac		1
6. If Yes, is low pressure	cutoff switch installed?	Yes / No
7. What methods are used to	protect the pump and elec	trical wiring from
vibrations? Torque ar	restors Cable guard	s Other
Tank		<del></del>
1. Capacity WX 250	Piping	Well data 200 & 7-18-97
2. Pressure relief	1. Type TowerELYNE 2. Size/"	
valve?YES	3. NSF and/or BOCA	_ 2. Yield <u>/O</u> GPM 3. Static water
	Code approved YE	I level <u>60</u> ft.
;	4. Depth of supply	4. Will water supply
	line <u>42"</u>	_ DE GISINIECTED DY
	line <u>42 "</u>	_ be disinfected by installer? $NO$
7 understand that 4- 4-		installer? <u>NO</u>
I understand that it is m	y responsibility to notify	installer? <u>NO</u>
nebarraeur much füe füstell	y responsibility to notify	installer? <u>NO</u>
I understand that it is more than the install is null and void).	y responsibility to notify	installer? <u>NO</u>
is null and void).	y responsibility to notify ation is ready for inspect	installer? <u>NO</u> the Howard County Realth ion (otherwise this permit
is null and void).  All information given above	y responsibility to notify ation is ready for inspect	installer? <u>NO</u> the Howard County Realth ion (otherwise this permit
is null and void).  All information given above	y responsibility to notify ation is ready for inspect	installer? NO  the Howard County Realth ion (otherwise this permit  knowledge.
is null and void).  All information given above	y responsibility to notify ation is ready for inspect	installer? <u>NO</u> the Howard County Realth ion (otherwise this permit

Note: A sticker indicating approval/status of the installation will be placed on the well casing at the time of the inspection.









VICINITY MAP SCALE : 1" = 1200"

#### GENERAL NOTES:

- 1. THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACH-MENT INTO THE PRIVATE SEWERAGE EASEMENT. RECORDATION OF A MODIFIED SEWERAGE EASEMENT SHALL NOT BE NECESSARY.
- THIS AREA DESIGNATES AN EXISTING PRIVATE SEWERAGE EASEMENT OF 10,000 SQUARE FEET AS PER RECORD PLAT NO. THIS EASEMENT IS TO BE ABANDONED.
- 3. THE LOT SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
- THE PURPOSE OF THIS PLAT IS TO REVISE THE EXISTING PRIVATE SEWERAGE EASEMENT RECORDED IN PLAT NO. TO THE LOCATION SHOWN HEREON.
- 5. ALL WELLS AND SEPTIC SYSTEM WITHIN 100 FEET OF THE PROPERTY HAVE BEEN SHOWN.
- 6. W DENOTES WELL LOCATION.
- 7. 

  DENOTES PERC HOLE LOCATION.
- 8. OWNER & DEVELOPER:

ALEXIOS & PANAGIOTA XENOCHRISTOS 12906 WEXFORD PARK HOWARD COUNTY, MARYLAND

PERC RECERTIFICATION PLAN

WATERFORD

LOT 24

5 TH ELECTION DISTRICT

SCALE: 1"=100'

ZONED: RR-DEO

PARCEL(5): 261 HOWARD COUNTY, MARYLAND

DATE: JULY 14,1988

PROJECT No.: 61015PT.DWG