31702

MARYLAND STATE DEPARTMENT OF HEALTH'

HOWARD COUNTY

BUREAU OF ENVIRONMENTAL HEALTH 988XX888

461-9933

ELLICOTT CITY

DISTRICT_

7405 R C A	Î	and Heating, Inc.	•	
ADDRESS 7403 B & A.	Boulevalu, Glen B	Burnie, MD 21061	PHONE	-1010
SUBDIVISION	A PARTY	ROADROAD	te 40	
ROPERTY OWNER	P O	Koo Lee Box 856		
DDDCCC	Colúm	box 850 bia, Maryland 21044	1	
ADDRESS	<u> </u>		To grade the second of the sec	1 - >
F GARBAGE GRINDER IS U	SED INCREASE SEPTIC TAN	K CAPACITY BY 50% AND ABSO	ORPTION AREA BY 22%	4.360
GARBAGE GRINDER? YE	S NO			
SEPTIC TANK CAPACITY	GALLONS	NUMBER OF BEDROOMS _		•
Deep trenches - 1	75 sq. ft. one sid	lewall area per bedro	oom. Ditch is to be	e 2 feet wide. 9
leep, with inlet	4% feet below orig	inal grade and fille	ed with 4% ft. of s	tone. Theath of
itch deepens on	the number of sq.	ft. needed. Start t	the ditch at perc he	ole #1 and run ii
long level ground	d toward perc hole	#2. Perc hole #1 i	is located 290 feet	from the front
ine and 140 feet	from the last lat	• •		
	TIOM the left lot	: line as seen when i	facing the lot from	Route 40. Perc
12 18 10Cated 35 :	reet irom the left	: lot line and 260 fe	facing the lot from eet from the front l	Route 40. Perc
when facing the l	reet from the left ot from Route 40.	: lot line and 260 fe	facing the lot from eet from the front l	Route 40. Perc
when facing the l	reet from the left ot from Route 40.	: line as seen when i : lot line and 260 fe The front lot line	facing the lot from eet from the front l	Route 40. Perc
when facing the l	reet from the left ot from Route 40.	: lot line and 260 fe	facing the lot from eet from the front l	Route 40. Perc
when facing the l	reet from the left ot from Route 40.	: lot line and 260 fe	facing the lot from eet from the front l	Route 40. Perc
when facing the l	reet from the left ot from Route 40.	: lot line and 260 fe	facing the lot from eet from the front l	Route 40. Perc
when facing the l	reet from the left ot from Route 40.	: lot line and 260 fe	facing the lot from eet from the front l	Route 40. Perc
when facing the l	reet from the left ot from Route 40.	: lot line and 260 fe	facing the lot from eet from the front l	Route 40. Perc
when facing the l	reet from the left ot from Route 40.	: lot line and 260 fe	facing the lot from eet from the front i	Route 40. Perc
when facing the lorunning along Rou	teet from the left of from Route 40. te 40.	: lot line and 260 fe The front lot line	facing the lot from eet from the front is considered to be	Route 40. Perc lot line as seen e the lot line
when facing the lorunning along Rou	reet from the left ot from Route 40.	: lot line and 260 fe The front lot line	facing the lot from eet from the front i	Route 40. Perc lot line as seen e the lot line
when facing the located 35 when facing the located 35 when facing Roughland	reet from the left of from Route 40. te 40. Raymond Hodge	: lot line and 260 fe The front lot line	facing the lot from eet from the front is considered to be	Route 40. Perc lot line as seen e the lot line
when facing the located 35 when facing the located 35 when facing the located 35 when facing Roughland Rou	Raymond Hodge	: lot line and 260 fe The front lot line	facing the lot from eet from the front is considered to be	Route 40. Perc lot line as seen the lot line 2/10/82
LANS APPROVED BY OVER NO WORK UNTIL INSPE	Raymond Hodge CTED AND APPROVED. Y COUNCIL NOR THE HEALTH D	es	the successful operation of	Route 40. Perclot line as seen the lot line 2/10/82
LANS APPROVED BY OVER NO WORK UNTIL INSPE	Raymond Hodge CTED AND APPROVED. Y COUNCIL NOR THE HEALTH D	es DEPARTMENT IS RESPONSIBLE FOR	THE SUCCESSFUL OPERATION OF	Route 40. Perclot line as seen the lot line 2/10/82
PLANS APPROVED BY SOVER NO WORK UNTIL INSPENDENT THE HOWARD COUNT HOTE: IF TRENCH IS USED CAUTE IN THE NO DRY WELL SHALL	Raymond Hodge CTED AND APPROVED Y COUNCIL NOR THE HEALTH D ALL FOR INSPECTION BEFORE A EXCEED 15 FOOT IN DIAMETER	E PARTMENT IS RESPONSIBLE FOR	THE SUCCESSFUL OPERATION OF ENCH.	Route 40. Perc lot line as seen the lot line 2/10/82
PLANS APPROVED BY SOVER NO WORK UNTIL INSPENDENT THE HOWARD COUNT HOTE: IF TRENCH IS USED CAUTE IN THE NO DRY WELL SHALL	Raymond Hodge CTED AND APPROVED. Y COUNCIL NOR THE HEALTH D ALL FOR INSPECTION BEFORE A EXCEED 15 FOOT IN DIAMETER E TO SEPTIC TANK MUST BE CA	es DEPARTMENT IS RESPONSIBLE FOR AND AFTER PLACING GRAVEL IN TRIE. NO ABSORPTION TRENCH TO EXC.	THE SUCCESSFUL OPERATION OF ENCH.	Route 40. Perclot line as seen the lot line 2/10/82
LANS APPROVED BY OVER NO WORK UNTIL INSPECTIONS EITHER THE HOWARD COUNT OTE: IF TRENCH IS USED COUNT OTE: NO DRY WELL SHALL OTE: ALL PIPE FROM HOUSERMIT VOID AFTER THREE YEAR	Raymond Hodge CTED AND APPROVED. Y COUNCIL NOR THE HEALTH DE ALL FOR INSPECTION BEFORE A EXCEED 15 FOOT IN DIAMETER E TO SEPTIC TANK MUST BE CA	es DEPARTMENT IS RESPONSIBLE FOR AND AFTER PLACING GRAVEL IN TRIE. NO ABSORPTION TRENCH TO EXC.	THE SUCCESSFUL OPERATION OF ENCH. SEED 100 FEET IN LENGTH: R ABS.	Route 40. Perclot line as seen e the lot line 2/10/82 ANY SYSTEM.

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APROVAL ON THIS PERMIT

PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED.

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PERMIT CARD SEPTIC TANK, LEV	EL V		CLEAN	OUTS ST MANH	oce V	INCIN	<u>e</u> U	
TILE FIELD, DEPTH	1 9 EL DEPTH 42	FT. TRENCH	TOTAL LENGTH	170			170 4.5 850 686 765	
SEEPAGE PITS, INS				LOW INLET		_FT.	403	
		765						
REMARKS 14/4	84 PRONCE	ies uk to P	OD STONE	SW	 			
10/13/8	9 OIC-TO COV	GERLL WO	er. Cw			· · ·		
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DATE SYSTEM APP	ROVED 11/15	184	INSPE	TOR CWIL	lian			

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30/81 AM 0 P	STATE OF MARYLA	SEWAGE DISPO		IENTAL HYGIE	NE	. · P
HOWARD COUNTY H	HEALTH DEPARTMENT	NO DEL ANTIMENT			STRICT	244
P. O. BOX 473 ELLICOT TELEPHONE: 992-2330	CITY. MARYLAND 21043		•	* · · · · · · · · · · · · · · · · · · ·	DATE	11-13-81
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in the second se						
	S. S					÷
TO: THE COUNTY HEALTH OF ELLICOTT CITY, MARYLAI						
I, HEREBY, APPLY FOR THE PROPERTY OWNER	HE NECESSARY TEST IN ORDER	e to construct (or R	1	E DISPOSAL SYSTI	evt	Honerk
	E. 33rd 9)	PHONE 2	43-H	423 235-
PROPERTY LOCATION: 71.	5.40 and C	cemeter	y La. in	Howa	rdci	469-91
SUBDIVISION	oute risu	to and	•	HOWA	rèci	469-910 2
ROAD AND DESCRIPTION R	oute risu	cemeter to and S:40	amet	LOT NO.	rè ci	469-910 2
SUBDIVISION	oute risu	to and	amet	* *	lar	OF BEDROOMS)
SUBDIVISIONR ROAD AND DESCRIPTIONR SIZE OF LOT	10530 U. ALX HIB B	S 40	TYPI	E BLDG.	LAILABLE IF	OF BEDROOMS)
SUBDIVISIONROAD AND DESCRIPTIONR	IDER THIS APPLICATION IS	S 40 ACCEPTABLE ONLY T APPLICATION IS NO	TYPI UNTIL PUBLIC FACILITY ON-REFUNDABLE UND	E BLDG.	LAILABLE IF	OF BEDROOMS)
ROAD AND DESCRIPTION ROAD AND DESCRIPTION SIZE OF LOT THE SYSTEM INSTALLED UNFEE CONNECTED WITH THE	IDER THIS APPLICATION IS	S 40 ACCEPTABLE ONLY T APPLICATION IS NO	TYPI UNTIL PUBLIC FACILITY ON-REFUNDABLE UND	E BLDG. FIES BECOME A	LAILABLE IF	OF BEDROOMS)
SUBDIVISIONR ROAD AND DESCRIPTIONR SIZE OF LOT	IDER THIS APPLICATION IS	S 40 ACCEPTABLE ONLY T APPLICATION IS NO	TYPI UNTIL PUBLIC FACILITY ON-REFUNDABLE UND	E BLDG. FIES BECOME A	LAILABLE IF	OF BEDROOMS)
SUBDIVISION ROAD AND DESCRIPTION R SIZE OF LOT ST THE SYSTEM INSTALLED UN FEE CONNECTED WITH THE WITH ALL M.O.S.H.A. REQUI	IDER THIS APPLICATION IS FILING OF THIS PERC TEST REMENTS IN TESTING THIS	ACCEPTABLE ONLY T APPLICATION IS NO IS LOT. FOR	TYPE UNTIL PUBLIC FACILITY ON-REFUNDABLE UND FROM Transk	E BLDG. FIES BECOME AT DER ANY CIRCUM ATURE OF APPL	(NUMBER (NUMBER) VAILABLE IF MSTANCES. I LICANT) DATE DATE DATE DATE	OF BEDROOMS) FULLY UNDERSTAND THE ALSO AGREE TO COMP
SUBDIVISION ROAD AND DESCRIPTION R SIZE OF LOT STEP THE SYSTEM INSTALLED UN FEE CONNECTED WITH THE WITH ALL M.O.S.H.A. REQUI APPROVED BY REJECTED BY	IDER THIS APPLICATION IS FILING OF THIS PERC TEST REMENTS IN TESTING THIS	ACCEPTABLE ONLY T APPLICATION IS NO IS LOT. FOR	TYPI UNTIL PUBLIC FACILITY ON-REFUNDABLE UND	E BLDG. TIES BECOME A DER ANY CIRCUM TURE OF APPL	(NUMBER (NUMBER) VAILABLE IF MSTANCES. I LICANT) DATE DATE DATE DATE DATE	OF BEDROOMS)

THIS IS NOT A PERMIT

SOIL PROFILE

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			PRE-	WET	TEST -		
DATE	TEST NO.	DEPTH	START	STOP	START	STOP	TIME
``						150	
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	er e				3 9 4 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	* •	
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	March March		\ \ \ \	a prince			

REMARKS	 	·		المراجعة المستشق			
TYPE OF SOIL						35,	 , e
			-74			**,	
TESTED BY	<u> </u>		<u> </u>	<u> </u>	 	_ ALSO PRESENT .	

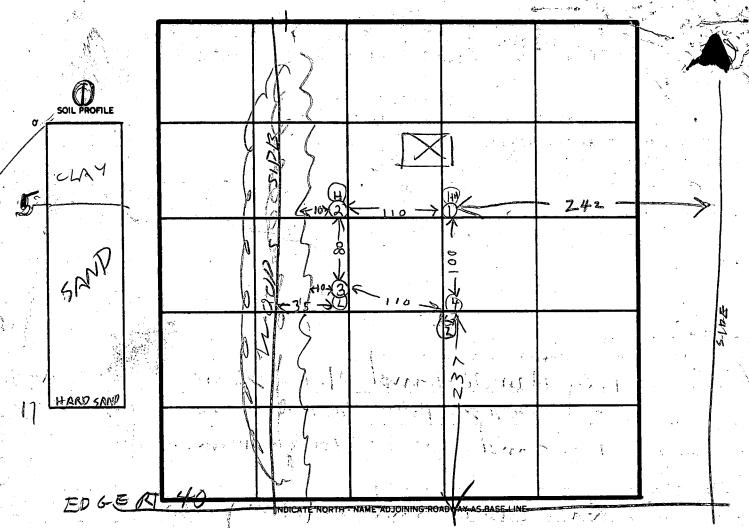
P

APPLICATION

\$ } \$	·	SEWAGE DISPOSA	AL TESTING		A 3/7	01_
	STATE OF MARYLAN			ND MENTAL HYGIENE	Р	
OWARD COUNTY H	EALTH DEPARTMENT	•	• • •	DISTRICT	3	
O. BOX 473 ELLICOTT ELEPHONE: 992-2330	CITY, MARYLAND 21043			DATE	11-13-	-81

THE COUNTY HEALTH OFFICER 11.5.40 and cemetery La in Howard Co

THIS IS NOT A PERMIT



HOLE	ELKY
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Q=HH=HIGHEST

D=H=HIGH

(3) = L=LOW

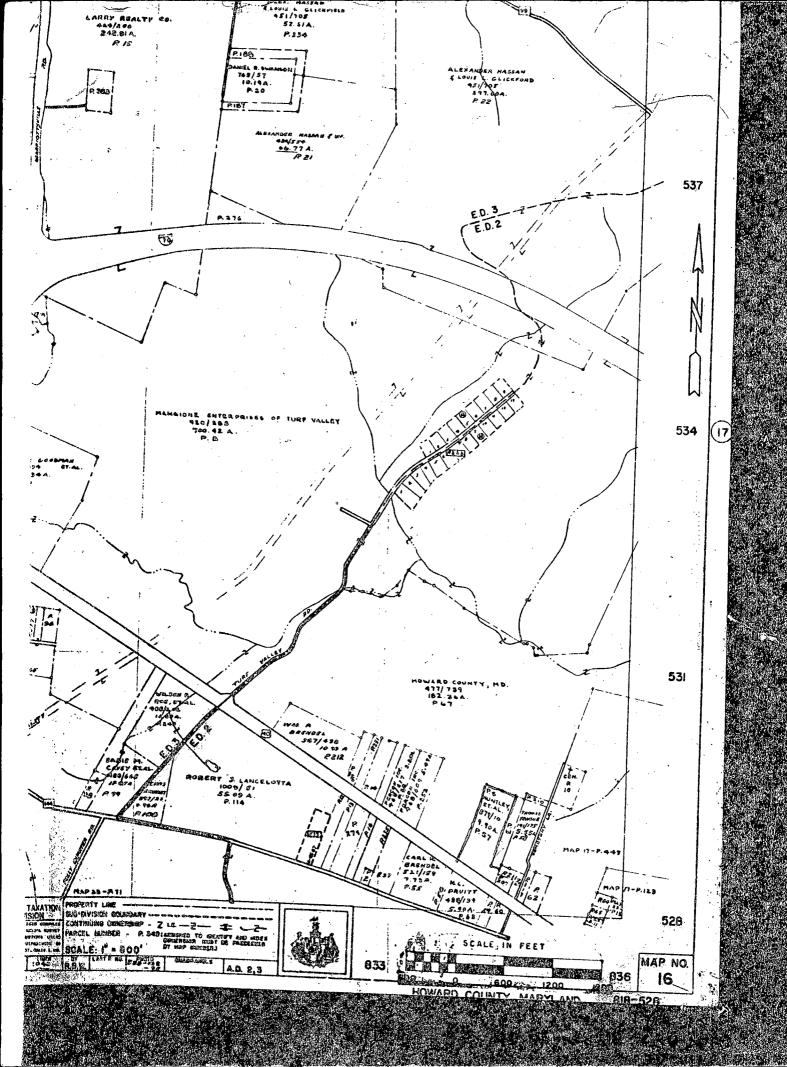
9=LL=LOWBET

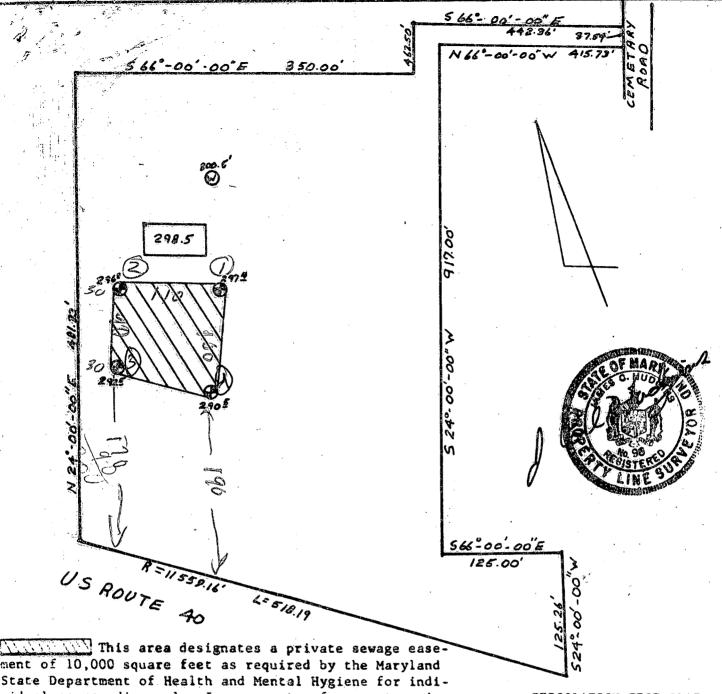
1			PRE-	WET	TEST -	1" DROP	
DATE	TEST NO.	DEPTH	START	STOP	START	STOP	TIME
11/30/81	I D	9/2	158	203.	203	208	5
	15	4	201	231 la	tlesen	SLON	/
	305	10/2	211	2 16	213	275	12
VIA	3 S 3 D	5/2	238	250 243	243	3 12	22
	4 D 4 S	5 X	253 253	301	301	313	12
	IM	5/2	304 5EE	306 5012 PR	306 OF1 LG	308	2
	4	13 1/2	BOT 7	CLAY	MID ZF	D PUT	ty savo
	3	13	TOP 4F BOT	TCHAY		F7 CL	1
11 3081	2	14	BOT		CLAY	PR	,
		a age			4		

REMARKS LEFT CERTIFIED HOLE PAPER WITH

TESTED BY RIAOD 6ES

LEE BUYER HOLE ALSO PRESENT LEE E. LASSO TOVOTED NEAL ESTA





ment of 10,000 square feet as required by the Maryland State Department of Health and Mental Hygiene for individual sewage disposal. Improvements of any nature in this area are restricted until public sewage is available. These easements shall become null and void upon connection to a public sewage system. The County Health Officer shall have the authority to grant variances for encroachments into the private sewage easement. Recordation of a modified sewage easement shall not be necessary.

Percolation test holes shown hereon have been field located and shown as "...".

The lots shown hereon comply with the minimum ownership width and lot areas as required by the Maryland State Department of Health and Mental Hygiene.

Percolation areas and water wells for adjoining lots have been shown where pertinent.

APPROVED: For Private Water and Private Sewage Systems

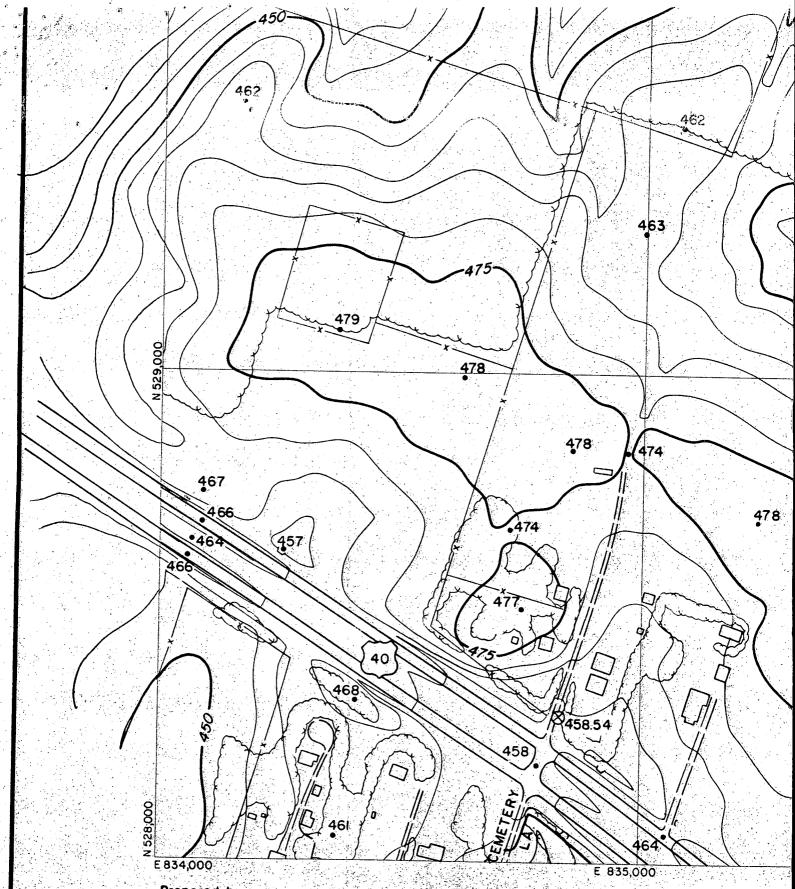
County Health Officer Date

PERCOLATION TEST PLAT
SIGHERT PROPERTY

TAX MAP 16 PARCEL 57

2nd Election District Howard County, Maryland Scale /=/00' Date 2-8-82

> NTT Associates Suite 307, Clark Bldg. Columbia, MD 21044 321-0307



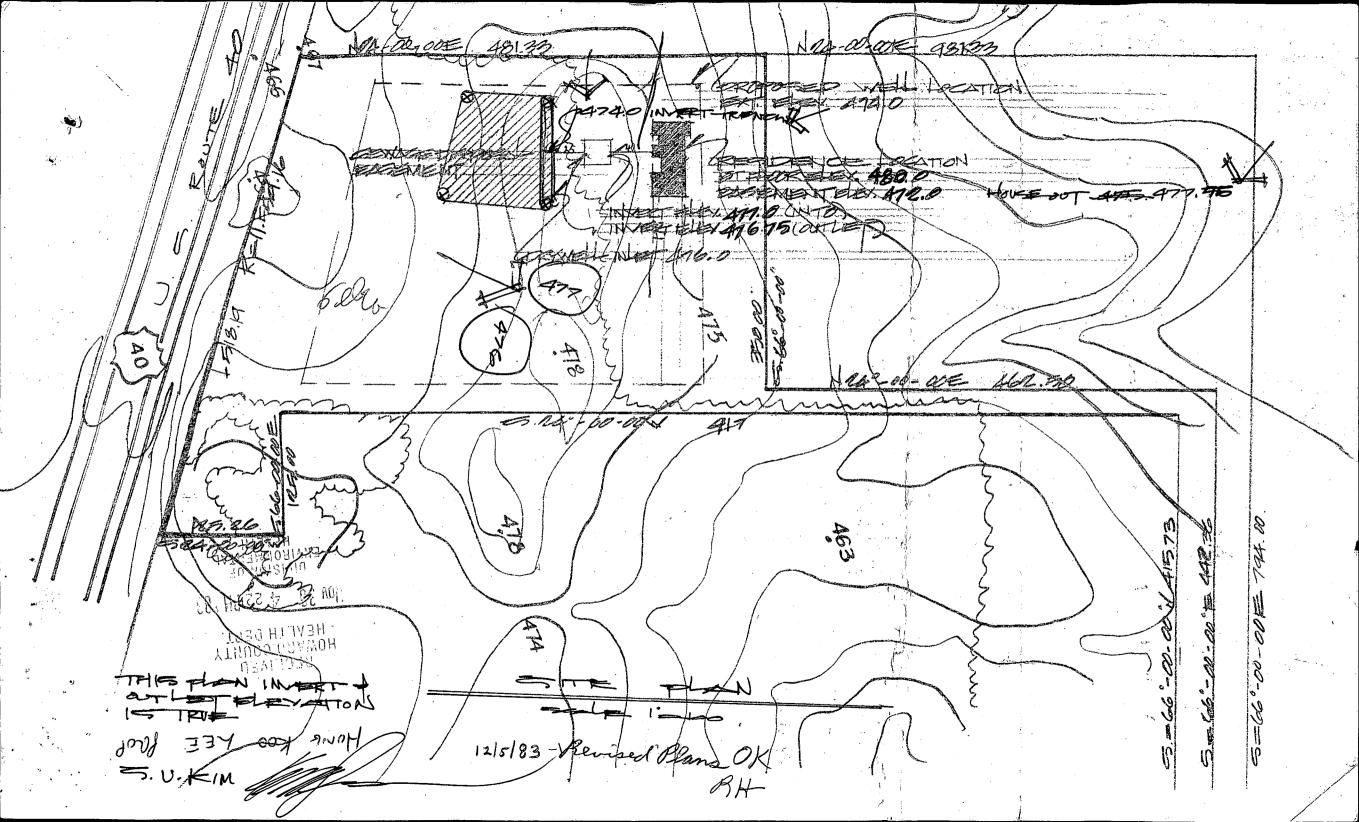
Prepared by:



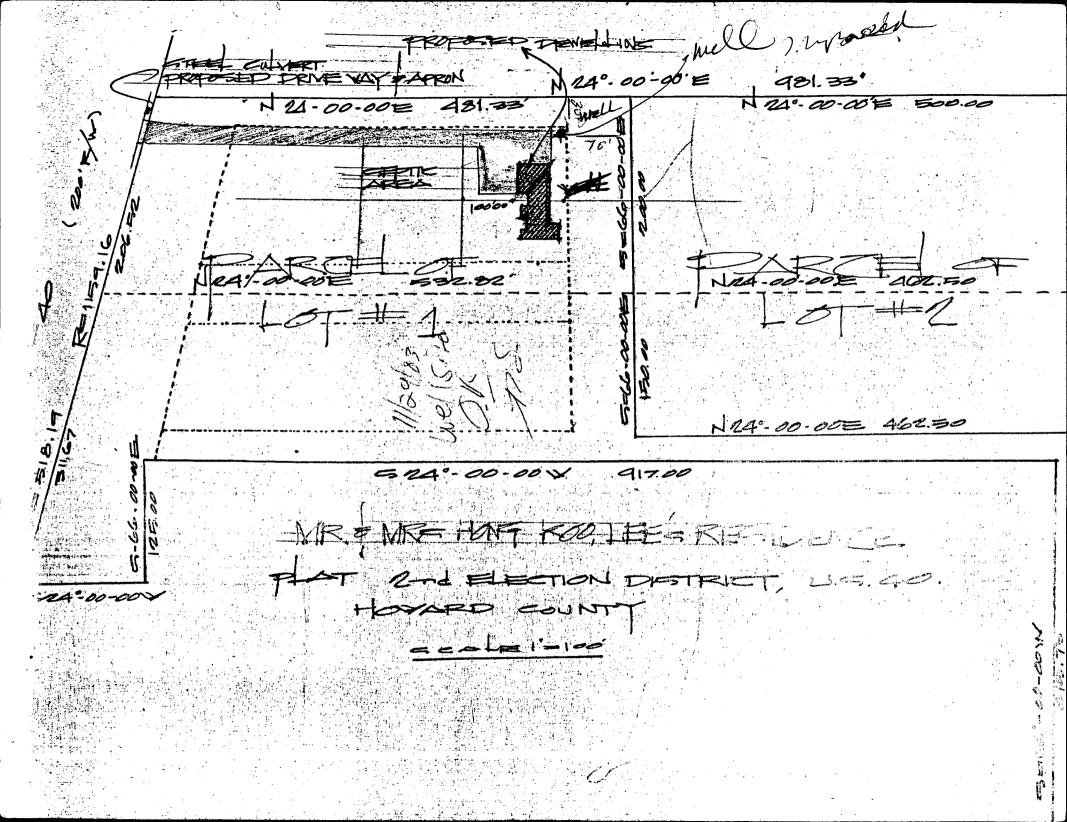
GREENHORNE & O'MARA, INC.

ENGINEERS ARCHITECTS PLANNERS SURVEYORS PHOTOGRAMMETRISTS 6715 KENILWORTH AVE RIVERDALE, MD 7718 LINCOLN HWY. N. HUNTINGDON PA.

Using stereo-photogrammetric methods from aerial photography. flown: April 1971



1 FIELD 1/3/83 O LOCATION OR 2) 25 Fr OPEN HOLE ZET OUT OF GREUND 3 6 BAGS (4) NEUL OK B Hodger



Hong Koo, Lee C/o Cosmopoliosa inc.

No. P. O. Box856

Calumbia, MD 21044.

640 E. 33rd St. Balto. M. 21218.

Abbrances in the service of the serv

HEALTH DEPT.

HOWARD COUNTY
HOWARD COUNTY
HOWARD COUNTY

Janu	edly 3, 198	3 9:30 A.M.	Ches	
Page of Date	e4_	3 9:30 A.M.	Review _	
		FIELD DATA S	······································	
Well Permit No.	но - F/- 0°			
Location of pro	operty (road)(Pemertary Lan	<u>e</u>	
Well Driller	Joseph May	Lot Owne	e Block Plat T Hong Kod Lee	Sec.
Depth of Distance Static v	f well 26 e of measuring powater level (S.W.	oint (M.P.) above gr L.) below M.P.	ound / 3	
I. High rate Time pump Total time	pumping reserved 9 ne 30 min to	voir drawdown \(\) 15 reach pumping water	MPLE TAKEN Pumping rate 12 # level 180 ft. 1	1100 AM 1-1 949 3 Delow M.P.
			recorded every 15 minut	
TIME (in 15	WATER LEVEL	PUMPING RATE	FLOW METER READING	CALCULATED FLOW
minute in- tervals	below M.P.	time to fill % gallon bucket	(if used)	(gallons per minute)
1015	181	15 sec		4
1030	182	15		4
10 45	129	15		4
1100	125	15		4
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C 1 0867 SEQUENCE NO. (OEP USE ONLY)	STATE OF MARYLAND WELL COMPLETION REPORT	THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.
(THIS NUMBERAS TO BE PUNCHED IN COLS: 3.6 ON ALL CARDS)	FILL IN THIS FORM COMPLETELY PLEASE PRINT OR TYPE	COUNTY A 3 / 702
DATE Received DATE WELL COMPLETE		PERMIT NO. FROM "PERMIT TO DRILL WELL"
13 08 4 15 20	22 2 2 26 (TO NEAREST FOOT)	H 0 - 8 1 - 6 3 4 7 28 29 30 31 32 33 34 35 36 37
OWNER HONG KOO	Lee	
STREET OR RFD last name Cemet SUBDIVISION TOX MAID 16 Parce		Fllicott City
SUBDIVISION TOX Map 16, parce	GPOLITING RECORD	C 3
Not required for driven wells STATE THE KIND OF FORMATIONS	WELL HAS BEEN GROUTED (Circle Appropriate Box)	1 2
PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING	TYPE OF GROUTING MATERIAL 44 44	PUMPING TEST HOURS PUMPED (nearest hour)
DESCRIPTION (Use FEET Check if water	CEMENT C M BENTONITE CLAY B C	PUMPING RATE (gal. per min.
additional sheets if needed) FROM TO bearing	NO. OF BAGS 6 NO. OF POUNDS 564	to nearest gal.) METHOD USED TO
Brown Shale 0 23	DEPTH OF GROUT SEAL (to nearest foot)	MEASURE PUMPING RATE
	from ft. to 5 51 ft. to 54 BOTTOM 58	WATER LEVEL (distance from land surface) BEFORE PUMPING 333
Brown Shale 0 23 Gray granite 23 260 -	(enter 0 if from surface) casing CASING RECORD	17 20
Siray franco	types ST CO	WHEN PUMPING
	(appropriate) STEEL CONCRETE	TYPE OF PUMP USED (for test)
	code below PLASTIC OTHER	A air P piston T turbine
	MAIN Nominal diameter Total depth	C centrifugal R rotary O other (describe
	CASING top (main) casing of main casing TYPE (nearest inch) (nearest foot)	27 27 below)
	S+ 6 28 1	J jet S submersible
	60 61 63 64 66 70 E OTHER CASING (if, used)	
	A diameter depth (feet)	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)
	insert STEEL BRASS OPEN BRONZE HOLE	IN BOX-SEE ABOVE:
	below PL OT	GALLONS PER MINUTE (to nearest gallon)
	PLASTIC OTHER	PUMP HORSE POWER 37 41
	DEPTH (nearest ft.)	PUMP COLUMN LENGTH (nearest ft.)
	E1 HO DO 260	CASING HEIGHT (circle appropriate box and enter casing height)
	A 8 9 11 15 17 21	+ above LAND SURFACE
	S 2 23 24 26 30 32 36	below (nearest foot)
CIRCLE APPROPRIATE LETTER A WELL WAS ABANDONED AND SEALED	E 3	49 50 51 LOCATION OF WELL ON LOT
A WHEN THIS WELL WAS COMPLETED	N 30 39 41 45 47 51	A SHOW PERMANENT STRUCTURE SUCH AS
E ELECTRIC LOG OBTAINED D TEST WELL CONVERTED TO PRODUCTION	SLOT SIZE 123(NEAREST 1	BUILDING, SEPTIC TANKS, AND/OR N LANDMARKS AND INDICATE NOT LESS
WELL	OF SCREEN 56 INCH)	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	BACK Lot Line
ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.	IF WELL DRILLED WAS FLOWING WELL INSERT	110
DRILLERS IDENT. NO. 238	F IN BOX 68 68	300 000
bound L. Maigne	OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)	
DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)	T (E.R.O.S.) W Q	
	70 72	
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)	TELESCOPE LOG OTHER DATA CASING INDICATOR	

Pagě	of,
Date	1/3/84
ج مَد	- /- /- /

Review	•	
WEATER.	THE THE PERSON NAMED IN	,

FIELD DATA SHEET HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 8/-0347 Location of property (road)Cemeta	vy Lan a
Subdivision Taxmap 16, Parcel 57	Lot —Block Plat — Sec.
Well Driller Joseph Mayne	LotBlock Plat Sec Owner Hong Koo Lee
Depth of well 260 Distance of measuring point (M.P.) above Static water level (S.W.L.) below M.P.	re ground /
I. High rate pumping reservoir drawdown	
Time pump started 91/5 Total time 3000 to reach pumping w	Pumping rate 120AL min vater level 180 ft. below 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)
9:30	106	5 sec		12
9:45	180	5		12
10:00	181	15		4
10;15	181	15		4
10:30	182	15		4
10:45	179	15		4
11100	175	15		4
11:15	126	13		45
11:30	176	/ 3		45
11:45	176	13		45
12:00	1)6	13		43
121/5	17/	/3		44
				
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