DEPARTMENT OF INSPECTIONS, LICENSES & PERMITS
3430 COURT HOUSE DRIVE
ELLICOTT CITY, MD 21043
PERMITS (410) 313-2455
INSPECTIONS (410) 313-1850

HOWARD COUNTY RESIDENTIAL HEATING-VENTILATION-AIR CONDITIONING AND REFRIGERATION PERMIT APPLICATION

HVACR PERMIT # M17000020

BUILDING PERMIT #

BUILDING ADDRESS: 12191 Willowind Court Ellicott City, MD 21042 SUITE/APT:

SUBDIVISION: 0000
CENSUS TRACT: SECTION: AREA:
LOT: 1 TAX MAP: 0022 PARCEL: 0336
BLOCK: ZONE:

PROPERTY ID: MAP COORDINATES:

TYPE OF IMPROVEMENTS: USE:

OWNERS NAME: Lucinda Weigle
ADDRESS: 12191 Willowind Court
CITY: Ellicott City
STATE: MD ZIP CODE: 21042
HOME PHONE: 410-292-7550 WORK PHONE:

	CHECK ONE	HOW MANY
SINGLE FAMILY DWELLING	X	2 ZONES
SINGLE FAMILY TOWNHOUSE	☐	____ ZONES
MULTI-FAMILY / HOTEL/MOTEL	☐	____ ROOMS
ASSISTED LIVING HOMES (16 OR FEWER RESIDENTS)	☐	____ ROOMS

COMPANY NAME: Ground Loop Heating & Air Cond., Inc.
LICENSEE NAME: Michael E. Cullum
ADDRESS: 1701 Whiteford Road
CITY: Darlington
STATE: MD ZIP CODE: 21034
PHONE: 410-836-1706 HVACR LICENSE NO: 6539

New
- ☐ Heating and Air Conditioning
- X Geo Thermal System
- ☐ Heating System Only
- ☐ Ductless Mini Splits
- ☐ Other Work (Describe):
- ☐ Thru The Wall Systems

Replacement
- ☐ Heating
- ☐ Air Conditioning
- X Heating and Air Conditioning

Water Furnace
4 ton NVV048
4 ton NDZ049

Additions and Alterations
- ☐ Heating
- ☐ Air Conditioning
- ☐ Heating and Air Conditioning

****Replacement Geo Thermal Systems are not required; However, if a tax credit is being sought a permit is required****

Zones

Permit Fee = # of Zones x $40 =	80.00
Technology Fee (10% of Permit Fee) =	8.00
Plus Application Fee	$50.00
Total Fees Due =	138.00

Rooms

Permit Fee = # of Rooms x $80 =	____
Technology Fee (10% of Permit Fee) =	____
Plus Application Fee $50	$50.00
Total Fees Due =	____

I HAVE CAREFULLY EXAMINED AND READ THIS APPLICATION AND KNOW IT IS TRUE AND CORRECT. THE WORK DESCRIBED HEREIN WILL BE PERFORMED BY A STATE HVACR LICENSED PERSON(S), AND ALL WORK WILL BE PERFORMED IN COMPLIANCE WITH APPLICABLE CODES AND STANDARDS OF HOWARD COUNTY THE STATE OF MARYLAND.

Michael [signature] 12/29/16
SIGNATURE OF LICENSEE DATE

Michael Cullum
PRINT NAME OF LICENSEE

linda@groundloop.com
Email Address

Validation
Check Number: ____
Cash: ____
Receipt Number: ____

RECEIVED
JAN 10 2017
LICENSES & PERMITS DIVISION

Well + Septic
Horizontal Loops

Make check payable to: DIRECTOR OF FINANCE OF HOWARD COUNTY

Word doc: T:\Updated Forms\hvac application
Rev:10.2009

HD Signature X ____

M17000020

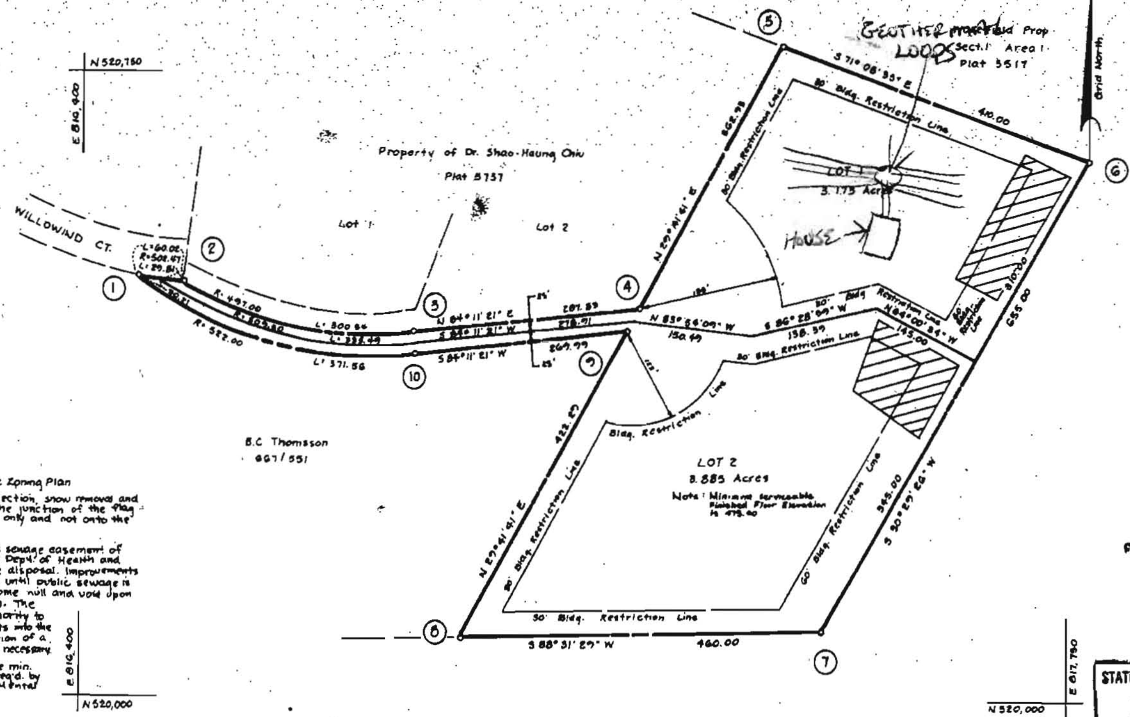
WEIGLE

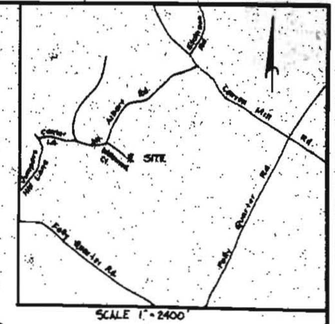
COORDINATE SCHEDULE		
No.	North	East
1	520, 501. 76	816, 571. 64
2	520, 494. 15	816, 631. 13
3	520, 438. 06	816, 921. 16
4	520, 464. 20	817, 207. 51
5	520, 772. 47	817, 387. 30
6	520, 846. 95	817, 775. 29
7	520, 082. 38	817, 442. 75
8	520, 070. 09	816, 983. 10
9	520, 437. 52	817, 192. 29
10	520, 410, 18	816, 923. 69

Maryland Grid System

CURVE DATA						
No.	Rad.	Length	Δ	Tan.	Ch.	LCB
1-2	502.47	60.02	06°50'37"	30.04	59.98	S 82°41'53" E
2-3	497.00	300.54	34°38'49"	155.02	295.98	S 78°29'14" E
10-1	522.00	371.56	40°46'59"	194.09	363.76	N 75°25'09" W

PLAT C.M.P. NO. 6386





NOTES:

1. Subject to VP 84-121.
2. Property zoned RR per Comprehensive Zoning Plan
3. For flag or pipestem lots, refuse collection, snow removal and road maintenance are provided to the junction of the flag or pipestem & the road right-of-way only and not onto the flag or pipestem lot driveway.
4. [hatched box] This area designates a private sewage easement of 10,000 sq. ft. as req'd. by the Md. State Dept. 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 Co. Health Officer shall have the authority to to grant variances for encroachments into the private sewage easement. Recordation of a modified sewage easement shall not be necessary.
5. The lots shown hereon comply with the min. ownership width and lot areas as req'd. by the Md. State Dept. of Health and Mental Hygiene.

FILED SEP 20 1985

STATE DEPT. OF ASSESSMENTS & TAXATION
HOWARD COUNTY
Cheryl A. Lopez
RECEIVED BY:
DATE 9/20/85 PLAT:

Owner:
D.G.B. Inc.
12190 Willowind Ct.
Ellicott City, Md. 21043

ASSOCIATES, INC.
Surveying & Land Development
16205 Old Frederick Road
Mt. Airy, Maryland 21771
(301) 442-2031

TABULATION:

Total No. of Lots and/or Parcels to be recorded	2
Total Area of Lots and/or Parcels	7.058 Ac.
Total Area of Roadways incl. widening strips	0
Total Area of Subdivision	7.058 Ac.

APPROVED: For Private Water & Private Sewerage Systems, in conformance with the Master Plan of Water and Sewerage for Howard Co., Howard Co. Dep't. of Health and Mental Hygiene.

[signature] 8-16-85
County Health Officer — Date

APPROVED: Howard County Office of Planning and Zoning

Acting [signature] 8-21-85
Director — Date

APPROVED: For Storm Drainage Systems, ~~Public Water & Public Sewer~~ and Public Roads, Howard Co. Dep't. of Public Works

[signature] 8-15-85
Director — Date

OWNER'S DEDICATION:

I (We) DGB Incorporated owner(s) of the property shown and described hereon, hereby adopt this plan of subdivision & in consideration of the approval of this Final Plat by the Office of Planning and Zoning, establish the min. Bldg. Restriction Lines and grant unto Howard Co., Md., its successors and assigns, (1) the right to lay, construct and maintain sewers, drains, water pipes and other municipal utilities and services, in and under all roads and street rights-of-way and the specific easement areas shown hereon: (2) the right to require dedication for public use the beds of the streets and/or roads and floodplains and open space where applicable, and for good and other valuable consideration, hereby grant the right and option to Howard Co., Md. to acquire the fee simple title to the beds of the streets and/or roads and floodplains, storm drainage facilities and open space where applicable; (3) the right to require dedication of waterways & drainage easements for the specific purpose of their construction, repair and maintenance; and (4) that no bldg. or similar structure of any kind shall be erected on or over the said easements and rights-of-way.

Owner ______________________ Date ______

Witness ______________________ Date ______

SURVEYOR'S CERTIFICATE:

I hereby certify that the Final Plat shown hereon is correct, that it is a subdivision of the lands conveyed by MICHAEL & CYNTHIA R. GLICK to D.G.B. INC. deed dated January 26, 1984 and recorded in the Land Records of Howard County in Liber 1225 at Folio 357, and that all monuments are in place, or will be in place prior to the acceptance of the streets in the subdivision by Howard County as shown, in accordance with the Annotated Code of Maryland, as amended.

Signature [signature]
Date 7-18-84

DANIEL G. BLAKE PROPERTY

Lots 1 and 2

P 356
Tax Map 22
Zoned R

3rd Election District, Howard County, Md.
Scale: 1" = 100' Date: 7-10-84

MSA SSU 1247-5761 F-85-29

M17000020

WaterFurnace Energy Analysis
ASHRAE Single Zone Load Calculation Ver. 8.3

Dealer- Ground Loop Heating & Air Cond
1701 Whiteford Rd
Darlington Md 21034

Client- Weigle 1ST

Design Conditions-	Winter	Summer	Daily
Outside Temp:	12 ° F	92 ° F	Range:
Inside Temp:	70 ° F	72 ° F	23
Difference:	58 ° F	20 ° F	° F

General Information-			
Glass Type:	0 Clear	Exposed Ducts:	15%
Roof Color:	0 Dark	Duct Loss Factor:	0.15
Occupancy:	4 People	Duct Gain Factor:	0.15
Light/Appliance:	2000 btuh		

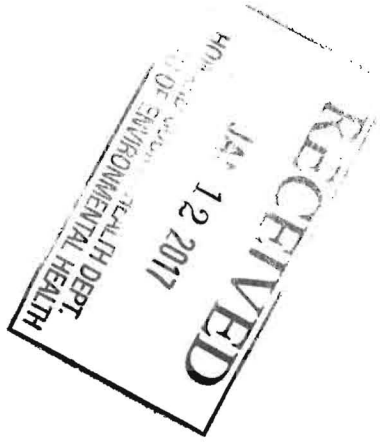
Infiltration Evaluation:	Qty	Code	
Fireplace:	1	1	Std-Damper
Fans/Vents:	2	1	W/ Damper
Attic Access:	0	1	
Window AC:	0	0	
Fossil Furnace:	0	0	
Fossil DHW Heater:	0	0	
Exposed Duct System:		0	Poorly Sealed
Building # Stories:		1	
Wind Shielding:		2	Moderate

BUILDING LOAD SUMMARY - WHOLE HOUSE	AREA	LOSS	GAIN
WALLS/PARTITIONS-			
EXT. WALL- R13	1336	9280	3039
CONCR-4' BEL GRD-R11	1536	5345	
WINDOWS/DOORS-			
D.H./SLDG-WOOD-DOUBLE	148	7666	4110
D.H./SLDG-WOOD-DOUBLE			
DOOR-WOOD-STRM	21	677	207
SLDG DR-WOOD-DOUBLE	32	1953	929
CEILINGS/FLOORS-			
FRAME CEILING-R30			
FRAME FLOOR-R11	1980	10592	2754
PEOPLE			1200
LIGHT/APPLIANCE			2000
EXPOSED DUCT SYSTEM	15%	799	320
MOISTURE REMOVAL			4368
OTHER LOSS/GAIN-		0	0
TOTAL LOAD (BTU/HR)		**36312**	**18927**

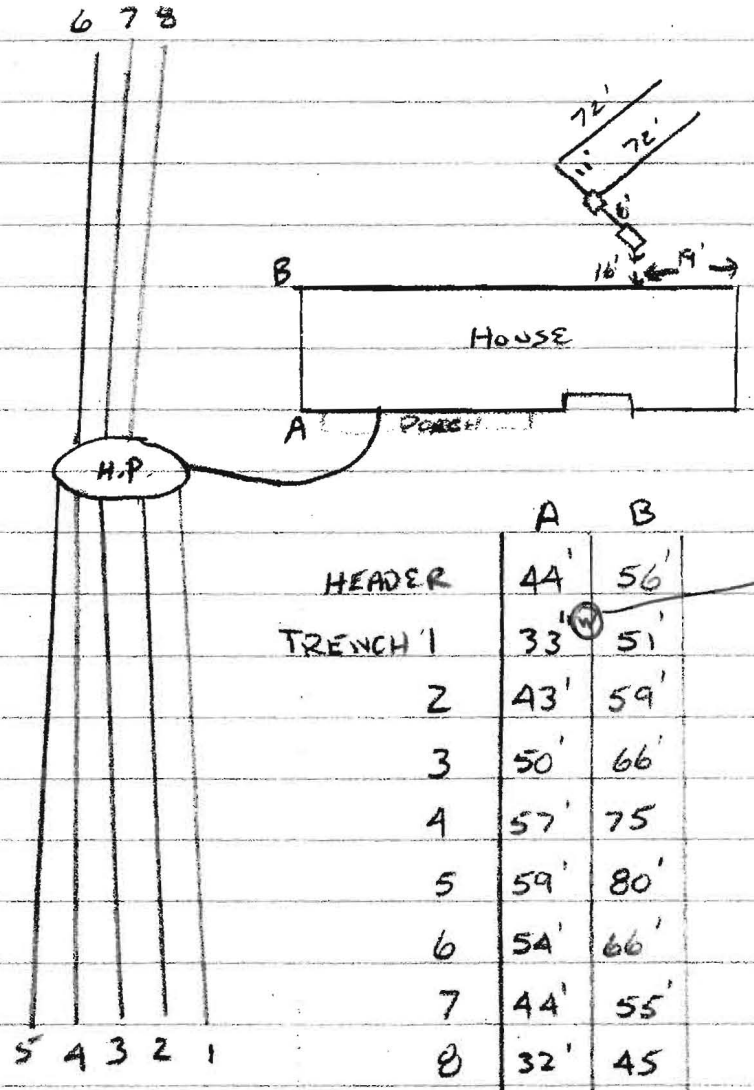
SURFACES NORTH

	------ WALLS/PARTITIONS ------	TYPE	CNSTR	INFILT	HEIGHT	LENGTH	EXPOSE		
1	EXT. WALL- R13	1	3	2	8	66	0		
2	CONCR-4' BEL GRD-R11	3	4	2	8	66	0		
3									
4									
5									
	------- WINDOWS/DOORS -------	TYPE	CNSTR	INFILT	HEIGHT	WIDTH	DIRECT	SHADE	WALL
6	D.H./SLDG-WOOD-DOUBLE	6	3	2	3	25	1	1	1
7	D.H./SLDG-WOOD-DOUBLE	6	3	2					
8	DOOR-WOOD-STRM	10	2	2	3	6.9	1	1	1
9	SLDG DR-WOOD-DOUBLE	9	3	2					
10									
11									
	------- CEILINGS/FLOORS -------	TYPE	CNSTR	INFILT	LENGTH	WIDTH	EXPOSE		
12	FRAME CEILING-R30	11	7	2					
13									
14	FRAME FLOOR-R11	14	2	2	66	30	0		
15									
16									

EAST					SOUTH					WEST				
HEIGHT	LENGTH	EXPOSE			HEIGHT	LENGTH	EXPOSE			HEIGHT	LENGTH	EXPOSE		
8	30	0			8	66	0			8	30	0		
8	30	0			8	66	0			8	30	0		
HEIGHT	WIDTH	DIRECT	SHADE	WALL	HEIGHT	WIDTH	DIRECT	SHADE	WALL	HEIGHT	WIDTH	DIRECT	SHADE	WALL
2	5	3	1	1	1.8	26	5	1	1	2	8	3	1	1
					4	8	5	1	1					
LENGTH	WIDTH	EXPOSE			LENGTH	WIDTH	EXPOSE			LENGTH	WIDTH	EXPOSE		



WEIGLE
12191 WILLOWIND CT
ELLICOTT CITY, MD 21042



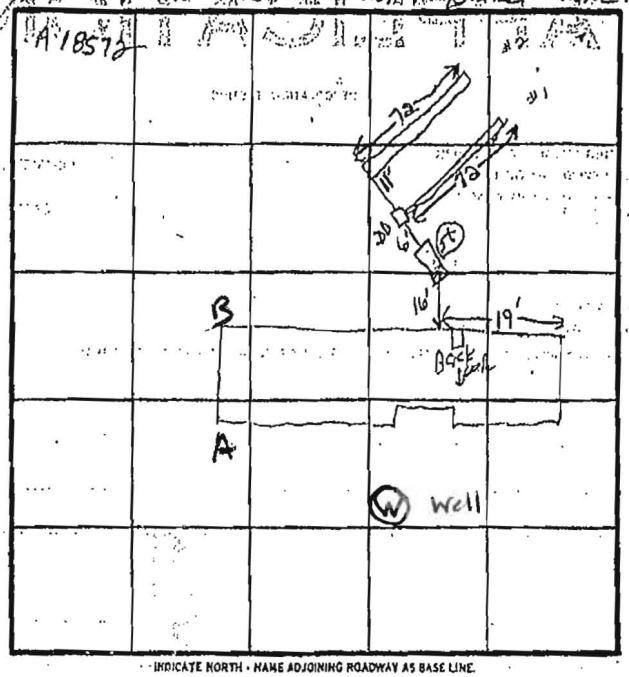
	A	B
HEADER	44'	56' → well
TRENCH 1	33'	51'
2	43'	59'
3	50'	66'
4	57'	75
5	59'	80'
6	54'	66'
7	44'	55'
8	32'	45

12191 Willowind Ct Lot 1 Daniel Blake Prop.

A 18572

SOIL PROFILE

0'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET START	PRE-WET STOP	TEST - 1" DROP START	TEST - 1" DROP STOP	TIME

REMARKS Lt Fyock submitted drawing showing how septic

TYPE OF SOIL was installed. 5-9-90 JEN

TESTED BY _____ ALSO PRESENT _____

PLAT-C.M.P. NO. 6386

COORDINATE SCHEDULE		
No.	North	East
1	520, 391. 76	816, 571. 96
2	520, 494. 13	816, 631. 13
3	520, 488. 08	816, 751. 16
4	520, 484. 80	817, 207. 51
5	520, 779. 03	817, 383. 30
6	520, 646. 94	817, 775. 89
7	520, 087. 58	817, 668. 96
8	520, 430. 69	816, 963. 10
9	520, 451. 52	817, 192. 29
10	520, 410. 18	816, 773. 69

Maryland Grid System

CURVE DATA						
No.	Rad.	Length	Δ	Tan.	Cr.	CSB
C-2	302.81	60.00'	06°38'37"	30.04	59.90	S 85°45'35" E
C-3	697.80	368.76	30°58'09"	188.09	364.48	N 78°29'56" E
C-11	925.00	374.56	46°26'39"	196.08	365.16	N 79°23'07" W

Property of Dr Shao-Heung Ow
Plat 8737

Wakefield Prop
Sect I Area I
Plat 3617

LOT 1
2.168 Acres

LOT 2
3.885 Acres
Note: Minimum acreage required per Zoning Regulations

WILLOWOND CT

B.C. Thomason
667/891

SCALE 1" = 2000

NOTES:

1. Subject to VP 86-121
2. Property zoned RA-15 per Comprehensive Zoning Plan
3. For flag or pipestem lots, refuse collection, snow removal and road maintenance are provided to the junction of the flag or pipe stem & the road right of way only and not onto the flag or pipestem lot driveway.
4. [hatched] This area designates a private sewage easement of 10,000 sq.ft. as required by the Md. State Dept. of Health and Mental Hygiene, for individual sewage disposal. Limited improvements of any nature in this area are restricted until public sewage is available. These restrictions shall become null and void upon connection to a public sewage system. The Co. Health Officer shall have the authority to grant variances for encroachments into the private sewage easement. Reconstruction of a inadequate sewage easement shall not be necessary.
5. The lots shown hereon comply with the min. engineering width and lot area as required by the Md. State Dept. of Health and Mental Hygiene.

STATE DEPT. OF ASSESSMENTS & TAXATION
HOWARD COUNTY
RECEIVED BY:
DATE: 9/20/85 PLAT:

FILED SEP 20 1985

Owner
D.G.B. Inc.
[illegible]
Ellicott City, Md 21043

TABULATION:

Total No. of Lots and/or Parcels to be recorded	2
Total Area of Lots and/or Parcels	3.058 Ac
Total Area of Roadways incl. widening strips	0
Total Area of Subdivision	3.058 Ac

APPROVED: For Private Water & Private Sewerage Systems, in conformance with the Location Plans of Water and Sewerage for Howard Co., Howard Co. Dept. of Health and Mental Hygiene.
Joseph A. Boyd MC m-HS 9-11-85
County Health Officer Date

APPROVED: Howard County Office of Planning and Zoning.
Acting Director 8-21-85 Date

APPROVED: For Storm Drainage Systems, Public Water & Sewerage, and Public Roads, Howard Co. Dept. of Public Works
Director 9-13-85 Date

OWNER'S DEDICATION:

I (We) D G B Incorporated owner(s) of the property shown and described hereon, hereby adopt this plan of subdivision / in consideration of the approval of this Final Plat by the Office of Planning and Zoning, establish the min. Bldg. Restriction Lines shown on this Plat. I / We also grant unto Howard Co. Inc., its successors and assigns, all the right to lay, construct, maintain, repair, operate, replace or remove all utilities and services, in and under all roads and/or rights - of - way and the specific easement areas shown hereon / (I) solely right to reduce restriction for public use the beds of the streets and/or roads and systems adequate space where applicable, and for ample and other valuable consideration, hereby grant the said Howard Co. Inc. to acquire the fee simple title to the beds of the streets and/or roads and floodplains, storm drainage facilities and open space lots / (I) the right to require dedication of water mains / sewerage easements for the specific purpose of their construction, repair / and maintenance ; and (c) that no bldg. or similar structure of any kind shall be erected on or over the said easement and rights-of-way.

Owner / _____ Date _____

Witness _____ Date _____

SURVEYOR'S CERTIFICATE:

I hereby certify that the Final Plat shown hereon is correct, that it is a subdivision of the lands conveyed by Russell Fitzhugh Glick to D G B Inc by deed dated January 11, 1984 and recorded in the Land Records of Howard County in Liber 1232 at Folio 340, and that all monuments are in place or will be in place prior to the acceptance of the streets in the subdivision by Howard County as shown, in accordance with the Annotated Code of Maryland, as amended.

Surveyor Carl E. Hughes
Date 7-18-84

DANIEL G. BLAKE PROPERTY

Lots 1 and 2
P 930
Tax Map 22
Zoned R

2nd Election District, Howard County, Md.
Scale: 1" = 100' Date: 7-10-84

MSA SSL 1242 - 3761 F-85-29

P 653 468

HOWARD COUNTY CIRCUIT COURT (Subdivision Plats, HO) Plat CUP 6386, MSA_S1242_3761, Date 2016-08-18 08:00:00 PM Printed 01/05/2017

RECEIVED
FEB 06 2017
HOWARD COUNTY HEALTH DEPT.
COMMUNITY HYGIENE PROGRAM

3/20/90 A.M. Stop (SNOW + SLUSHERY)

5-9-90 Drawing received JEN

3/20/90 1 Stop all covered. A.M.-A.S.A.P. HOLD FOR DRAWING E.H. P-4/6/LC

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH*

A 18572

DISTRICT 3rd

DATE 7/6/90

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

DATE SYSTEM APPROVED 5-9-90

INDEXED

INSPECTOR JEN

Jack Fyock IS PERMITTED TO INSTALL X ALTER

ADDRESS PHONE 908-9270

SUBDIVISION Daniel Blake Property ROAD 12191 Willowind Court LOT 1

PROPERTY OWNER Daniel Blake

ADDRESS

~~IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 33%~~

GARBAGE GRINDER? YES ____ NO ____

SEPTIC TANK CAPACITY 1250 GALLONS NUMBER OF BEDROOMS 4

TRENCHES - 180 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 8 feet below original grade. Effective area begins at 3 feet below original grade. 5 feet of stone below distribution pipe.

LOCATION - Start the first trench 105 feet from the back-right (145') lot line and 75 feet from the rear (310') lot line. Run trenches along contour toward rear 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. 6-27-90 JEN

PLANS APPROVED BY C. Williams DATE 3/13/89

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

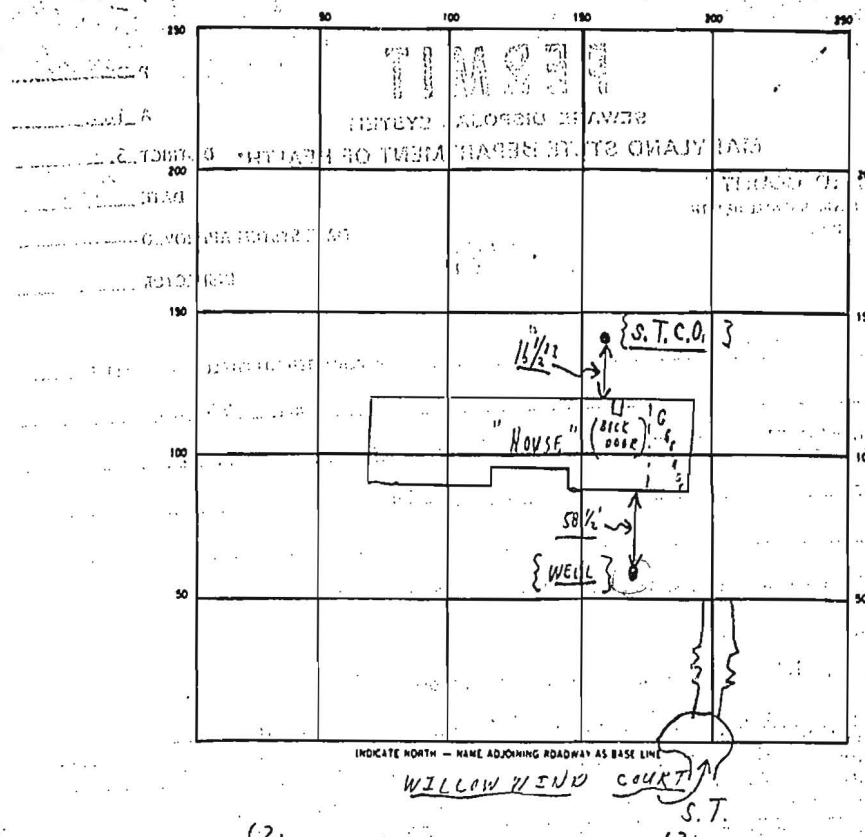
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES.

A 18572

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

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

HD-260



144
5 | 720
5
72
10

SEPTIC TANK, LEVEL (?) CLEANOUTS (?)

DISTRIBUTION BOX, LEVEL (Knoll. ;.)

DRAIN FIELD/TILE FIELD, DEPTH (?) .8 FT TRENCH WIDTH (?) 2. FT. INLET DEPTH (?) 3 FT.

EFFECTIVE GRAVEL DEPTH 5 (?) FT. TOTAL LENGTH (?) ① 72 ② 72 FT { Need 144 3(?)

NUMBER OF TRENCHES (?) 2 ONE SIDEWALL BOTTOM AREA (?) ① 360 ② 360 SQ FT.

DRYWELL INSIDE DIAMETER ~~~ FT EFFECTIVE DEPTH BELOW INLET ~~~ FT

ABSORBENT AREA 720 SQ. FT.

REMARKS A.M. 3/20/90 Partial all covered at time of visit - 2 of Mr. Funcks sons on site; drawing to be submitted. 4 as per Mr C Williams direction → MUD + SNOW" Hold for complete drawing) per C.W./C.B.O. 5-9-90 Drawing of septic system installation submitted by contractor. JEN

DATE SYSTEM APPROVED 5-9-90 INSPECTOR Jane E. Nadeau

APPLICATION

PERCOLATION TESTING

A _____

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 451-9933

DISTRICT _____

DATE _____

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 _____

ADDRESS _____ PHONE _____

PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. _____

ROAD AND DESCRIPTION _____

_____

TAX MAP _____ PARCEL # _____

SIZE OF LOT _____ TYPE BLDG. _____
(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. _____
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

_____

_____

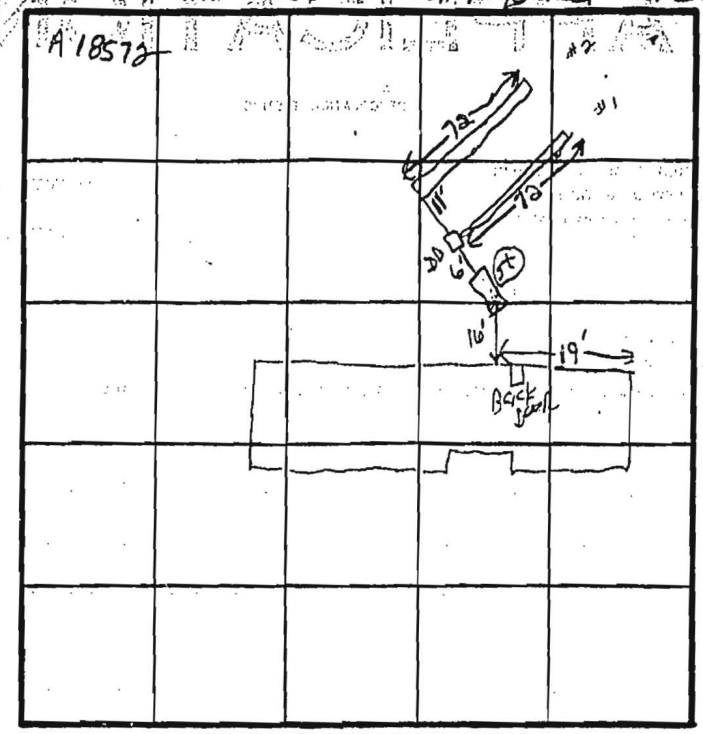
HD-216

THIS IS NOT A PERMIT

12191 Willowind Ct Lot-1 Daniel Blake Prop.

A 18572

SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET START	PRE-WET STOP	TEST - 1" DROP START	TEST - 1" DROP STOP	TIME

REMARKS J. Fyock submitted drawing showing how septic

TYPE OF SOIL was installed. 5-9-90 JEN

TESTED BY _____ ALSO PRESENT _____

APPLICATION

PRELIMINARY

A 18572

P

SEWAGE DISPOSAL TESTING

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: 465-5000, EXT. 355

DISTRICT 3rd

DATE 6/11/73

3BR 1000 gal Septic Tank
Dry Well 360 sq ft required
Actual inlet to be no deeper than 3 Ft and
Dry Well bottom to be no deeper than 7½ Ft
Place the dry Well 178 Ft from the lot line work
4BR 1200 gal Septic Tank
Dry Well 480 sq ft required
area below Septic
410 Ft along lot line work
S 63° 24' 53" E and
75 Ft from the lot line work
a 655 Ft long and

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 ~~Mark A. Wakefield, Jr.~~ Daniel and Helen Blake

ADDRESS 12150 Mt. Albert Road, Ellicott City, Md. PHONE 531-5072

PROPERTY LOCATION: S 38° 13' 06" W.

SUBDIVISION Woodmark, Inc. DAN BLAKE PROPERTY LOT NO. 1

ROAD AND DESCRIPTION 12191 Willowind Court

SIZE OF LOT ~~4.705 acres~~ 7.058 TYPE BLDG. 3 or 4 bedrooms
NUMBER OF BEDROOMS

IF NOT SINGLE RESIDENCE DESCRIBE

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE.

SIGNATURE OF APPLICANT /s/ Mark A. Wakefield, Jr.

APPROVED BY Raymond Hodges FOR Dry Well (KIND OF SYSTEM) DATE 19 Oct 73

REJECTED BY FOR (KIND OF SYSTEM) DATE

HOLD PENDING FURTHER TESTS DATE

REASONS FOR REJECTION OR HOLDING

BLDG. PERMIT SIGNED AND RETURNED 11-16-73
Serial # 28072 - Gaithersburg
for six months

BLDG. PERMIT NO. B-73-2599-NR
AND RETURNED 6-21-89

THIS IS NOT A PERMIT

APPLICATION

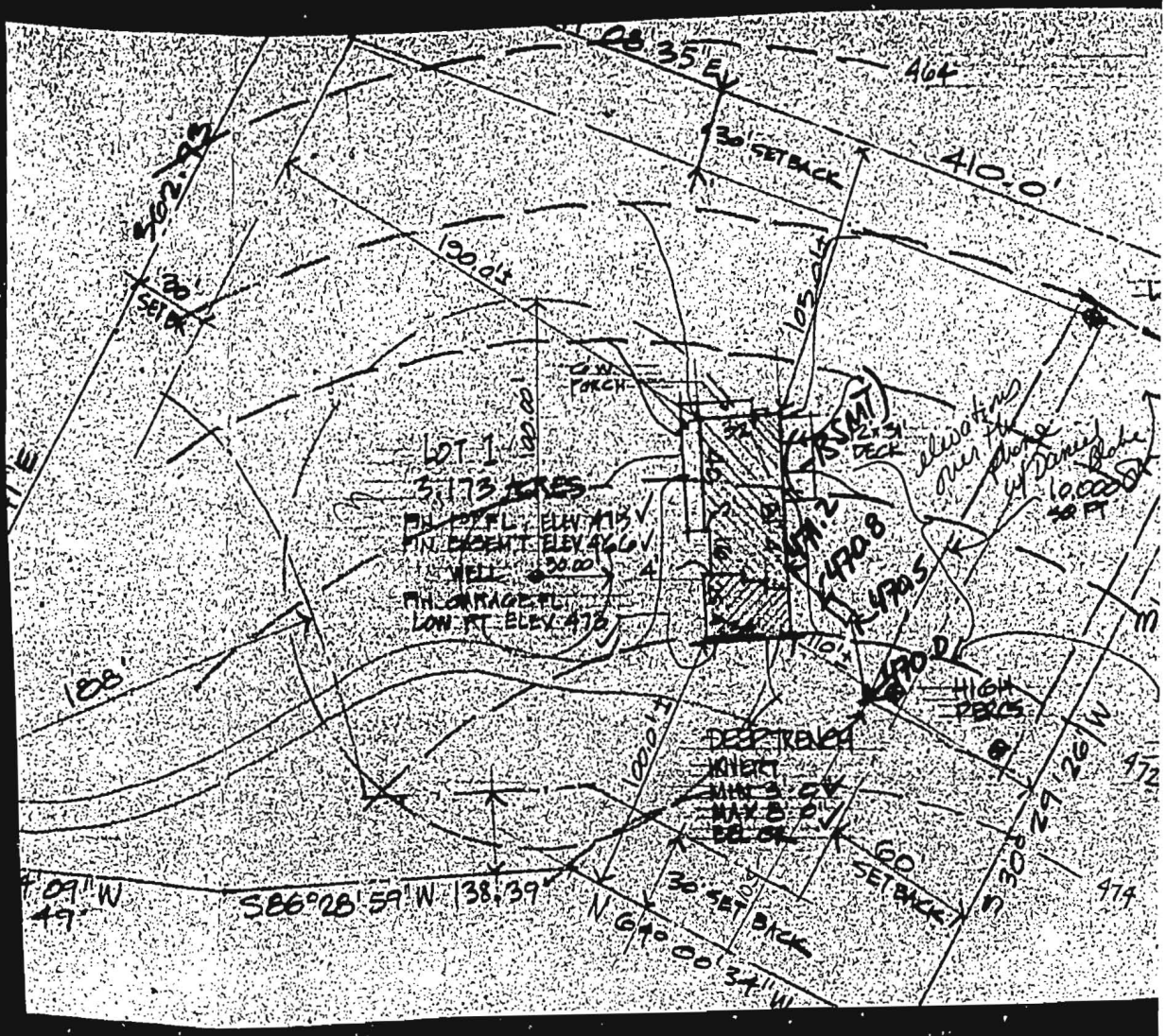
see further				

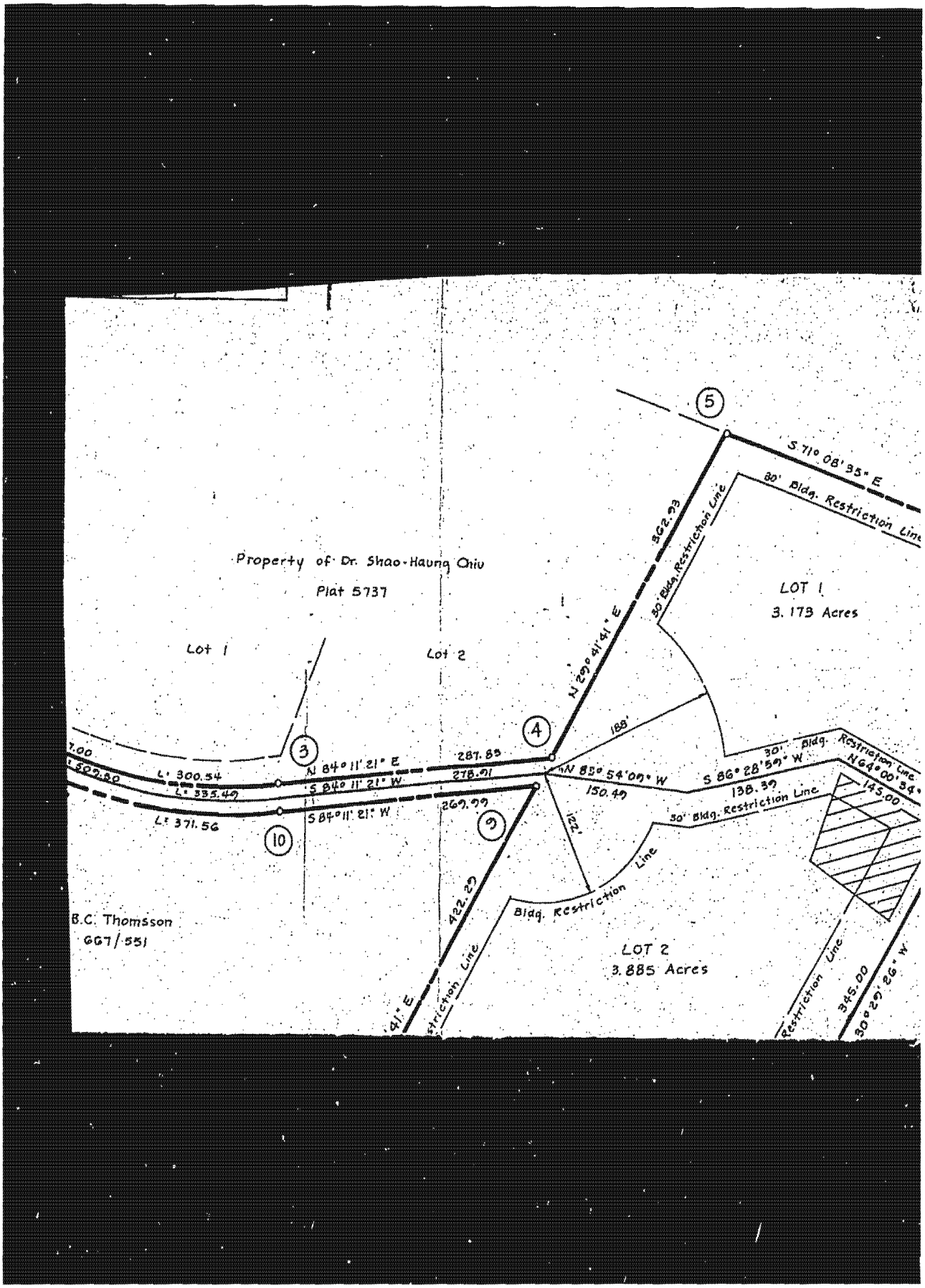
INDICATE NORTH. – NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET START	PRE-WET STOP	TEST - 1" DROP START	TEST - 1" DROP STOP	TIME
6/7/73	1	11.	1130	1135	1135	1142	7
1	2	3	1032	1134	1134	1137	3
1	3	4	1138	1139	1139	1141	1
1	4	10½	1140	1145	1145	1146	1
1	5	9½	Top Bo	5 FT	Clay		Sand Dry
6/7/73	6	10	Top Bo	5 FT	Clay		Sand Dry

REMARKS

TYPE OF SOIL


LOT 1
3.173 ACRES
30' SETBACK
410.0'
464
LIVING
FOREST
DECK
HIGH
PEAKS
DEEP TRENCH
60' SETBACK
30' SETBACK
S86°28'59"W 138.39'
N 6°10'00"
N 3°26'W
188'
105.04'
136.04'
362.92'
10,000 SQ FT


Property of Dr. Shao-Haung Chiu
Plat 5737
Lot 1
Lot 2
LOT 1
3.173 Acres
LOT 2
3.885 Acres
B.C. Thomsson
GG7/551
80' Bldg. Restriction Line
30' Bldg. Restriction Line
Bldg. Restriction Line
S 71° 08' 35" E
N 29° 41' 41" E
362.93
N 84° 11' 21" E
287.85
S 84° 11' 21" W
278.01
S 84° 11' 21" W
269.29
N 85° 54' 09" W
150.49
S 86° 28' 59" W
138.39
N 64° 00' 34"
145.00
188'
122'
422.27
345.00
L= 300.54
L= 335.49
L= 371.56
3
4
5
9
10

C1 2300 SEQUENCE NO. (DENV USE ONLY)
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND
WELL COMPLETION REPORT
FILL IN THIS FORM COMPLETELY
PLEASE PRINT OR TYPE

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

COUNTY NUMBER A18572

DATE Received

DATE WELL COMPLETED 04 12 94

Depth of Well 400 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-85-0473

OWNER BLAKE, DAN (last name, first name)

STREET OR RFD [illegible] TOWN GLENELG

SUBDIVISION BLAKE PROPERTY SECTION LOT 1

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	FEET TO	Check if water bearing
Top Soil	0	2	
Br Shale	2	30	
Br Mica	30	60	✓
Gray Mica	60	69	
Br Mica	69	71	✓
Gray Mica	71	400	

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 12 NO. OF POUNDS

GALLONS OF WATER 60 12

DEPTH OF GROUT SEAL (to nearest foot)

from 1 ft. to [illegible] ft.
(TOP) (BOTTOM) (enter 0 if from surface)

CASING RECORD
casing types — insert appropriate code below

ST STEEL CO CONCRETE PL PLASTIC OT OTHER

MAIN CASING TYPE	Nominal diameter top (main) casing (nearest inch)	Total depth of main casing (nearest foot)
ST	6	42

OTHER CASING (if used)

EACH CASING	diameter inch	depth (feet) from	to

SCREEN RECORD
screen type or open hole — insert appropriate code below

ST STEEL BR BRASS BRONZE HO OPEN HOLE PL PLASTIC OT OTHER

C2

DEPTH (nearest ft.)

EACH SCREEN		
1	40	400
2		
3		

SLOT SIZE 1 ____ 2 ____ 3 ____

DIAMETER OF SCREEN ____ (NEAREST INCH)

GRAVEL PACK from ____ to ____

IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)

T TELESCOPE CASING (E.R.O.S.) LOG INDICATOR OTHER DATA

C3

PUMPING TEST
HOURS PUMPED (nearest hour) 5

PUMPING RATE (gal. per min. to nearest gal.) [illegible]

METHOD USED TO MEASURE PUMPING RATE [illegible]

WATER LEVEL (distance from land surface)

BEFORE PUMPING [illegible]

WHEN PUMPING [illegible]

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 (CIRCLE) (YES or NO) 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)

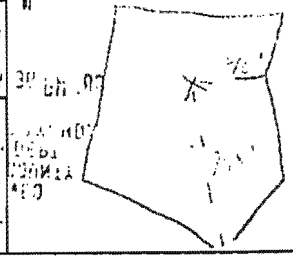
PUMP HORSE POWER

PUMP COLUMN LENGTH (nearest ft.)

CASING HEIGHT (circle appropriate box and enter casing height)

(+) above (−) below LAND SURFACE 2 (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 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. 41

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

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

COUNTY

HOWARD COUNTY HEALTH DEPARTMENT

Joyce M. Boyd, M.D., County Health Officer

April 17, 1991 *Reply to:*

Charles Streaker, Sanitarian
461-9933 or 461-9934

Remesch Residence
12191 Willowind Court
Ellicott City, Maryland 21043

Re: Woodmark
12191 Willowind Court
Well Permit No. Unknown

To Whom It May Concern:

This is to advise you that the septic system was installed, inspected and approved on Unknown.

The water sample recently submitted for testing was free of coliform and fecal coliform bacteria at the time of sampling and bacteriologically safe for drinking.

FINAL CERTIFICATION OF POTABILITY

This certifies that all sampling requirements of COMAR 26.04.04 "Well Regulations" have been met for the water supply system installed under permit(s) Unknown.

Unknown
Date of Final Sampling

April 17, 1991
Date of Acceptance

Charles Streaker

Charles Streaker, Sanitarian
Water and Sewerage Program

Water Sample Dates:
February 13, 1991
April 9, 1991

CS:cm

Bureau of Environmental Health
3525-H Ellicott Mills Drive Ellicott City, Maryland 21043-4544
Water and Sewerage, Permits 461-9933 Community Environmental Health 461-9944
Technical Services 461-9955 Director 461-9956 TDD 313-2323