

4/4/83 App'd F.S.

3/21/83
4/4/83
anytime today

PERMIT

P 32507

A 30727

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
992-2330

04-340671
INDEX

ELLICOTT CITY
DISTRICT 4th

DATE 2/24/83

Patrick Scheper IS PERMITTED TO INSTALL ALTER

ADDRESS 69 Main St., Reistertown, Md. 21136 PHONE 833-2800

SUBDIVISION _____ ROAD 17500 Frederick Rd. LOT _____

PROPERTY OWNER George W. Brown

ADDRESS 750 Muller Rd., West Minster, Md. 21157

IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 22%.

GARBAGE GRINDER? YES _____ NO

SEPTIC TANK CAPACITY 1250 GALLONS NUMBER OF BEDROOMS 4

BLDG. PERMIT SIGNED
AND RETURNED 11-25-98
Serial # B70115208
Improvement Prod.

BLDG. PERMIT SIGNED
AND RETURNED 3/25/91
Serial # 34989-addition

Trenches to be 2' wide. Inlet to be 3' below original grade and effective absorbant area from 3 1/2' - 7 1/2' only. Max. depth of trenches to be 7 1/2' below original grade. A min. of 175' sq. ft. effective absorbant sidewall area per bedroom needed. Trenches can not exceed 100' in length. Distribution box to be used if more than 1 trench used. Two inspections of trenches required - before and after stone installed. If more than 1 trench used need to have 15' distance between trenches, center to center. Run trenches on contour. LOCATION: start trneches at a point 44' in from line N 27°08' 23°E being 249.2 in length) and down 51' from corner point of lines N 27° 08' 23°E - 249.2 in length and N 60° 13' 59w 249.36 (which is 249.36 ft long)

PLANS APPROVED BY C.B. Streaker & M. Skinner DATE 6/23/80 2/24/83

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: IF TRENCH IS USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH.

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 THREE 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.

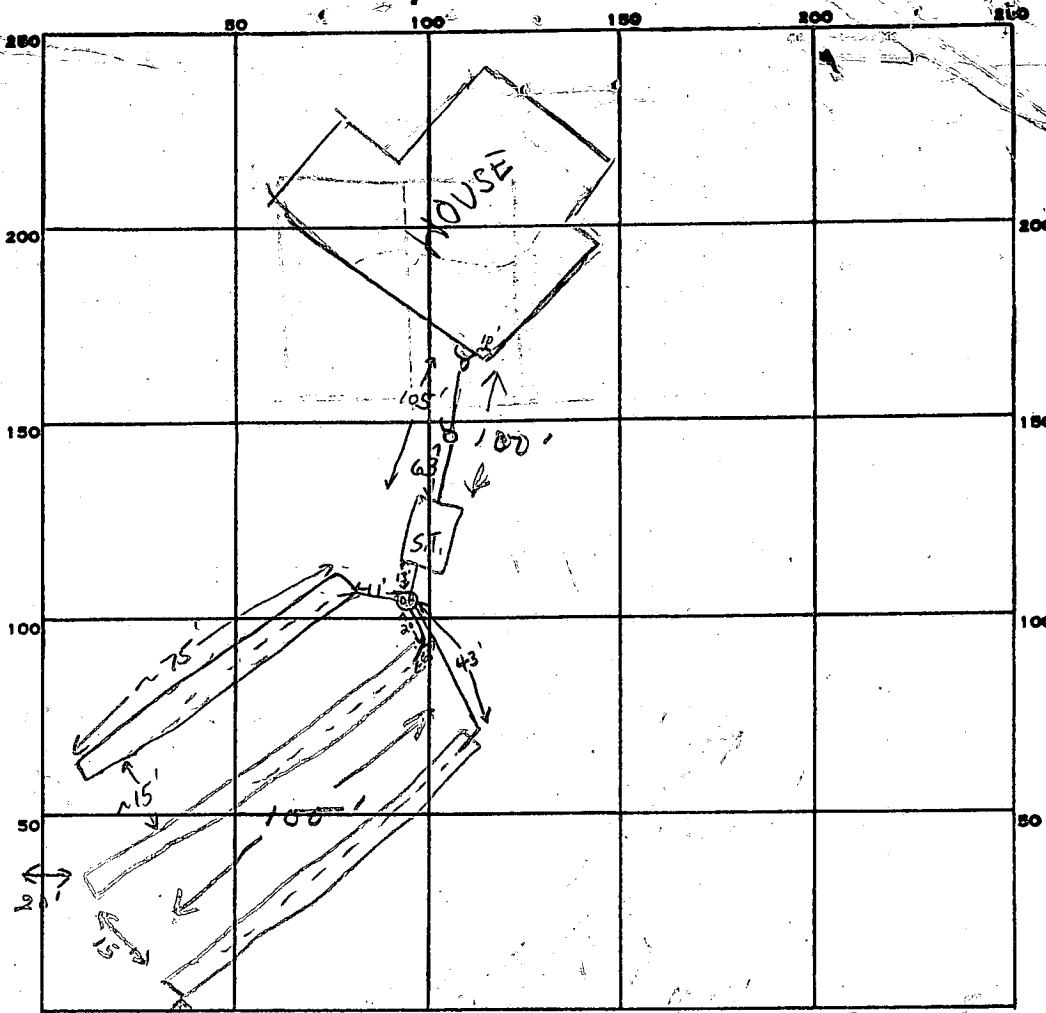
BLDG. PERMIT SIGNED
AND RETURNED 5/14/84
Serial # 58842 Sheet
BLDG. PERMIT SIGNED
AND RETURNED 3/6/87

A 30727

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

*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

Serial # 40309
Storage Out
Builders
EH - 2-1082



Watermeter Rel

RT 144

PERMIT CARD signed final OK F.S.

SEPTIC TANK, LEVEL 1500 gal CLEANOUTS

housesewer line	septic tank
2	2

DISTRIBUTION BOX, LEVEL

TILE FIELD, DEPTH 7 1/2 FT. TRENCH WIDTH 2 FT.

GRAVEL DEPTH 4-4 1/2 IN. TOTAL LENGTH 200 FT.

NUMBER OF TRENCHES 3 ONE SIDEWALL TOTAL BOTTOM AREA 1100 275
4
1100

SEEPAGE PITS, INSIDE DIAMETER — FT. DEPTH BELOW INLET 4 FT.

ABSORBENT AREA ±1100 SQ. FT.

REMARKS 3/31/83 OK to add stones in trenches
wants to add one (1) more trench 80 ft long. J
4/4/83 OK to cover all work F.S.

DATE SYSTEM APPROVED 4/4/83 INSPECTOR Frank Skinner

APPLICATION

Page 2 of 2

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 30727

P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES
P.O. BOX 476 ELLICOTT, MARYLAND 21043
TELEPHONE: 992-2330

See attached specs

DISTRICT 4th

DATE 6/12/80

BLDG. PERMIT SIGNED
AND RETURNED 4/10/81
Serial # 46110
Hay Barn

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 GEORGE W. BROWN

ADDRESS 750 MULLER RD. PHONE 896-2036
WEST MINISTER

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. _____

ROAD AND DESCRIPTION _____

SIZE OF LOT 6 acres TYPE BLDG. _____

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.

SIGNATURE OF APPLICANT _____

APPROVED BY C. B. Stenken FOR Shallow trenches only DATE 6/23/80

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

BLDG. PERMIT SIGNED
AND RETURNED 9/25/83
Serial # 52716
S.F.D.

THIS IS NOT A PERMIT

pg 2 of 2

SOIL PROFILE



Field sheet

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Soil Profile

Clayish
1" - 4" layers
Looming
weathered
shale
to shale

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
6/23/80	11	4"	12:00	12:30	1/2" - 3/4"		X	
	12	5'	12:37	1:00	1:02	1 3/4" - 1/2"		XX
	14	4'	1:48	2:08	2:08	2:26	18	
	(15)	4 1/2'	2:02	@ 2:26	Pulled page & lowered			to #16
	16	10'	2:44	2:54	2:54	3:21	27	
	17	(Not needed)		(not dug)			45	

X see page 1

REMARKS Tests in open field COPY GIVEN
 TYPE OF SOIL C. B. D. MR. BROWN
 TESTED BY C. B. D. Mr. Brown
 ALSO PRESENT Mr. Bailey

PRELIMINARY

APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES
P.O. BOX 476, ELLICOTT, MARYLAND 21043
TELEPHONE: 992-2330

A 30727

P _____

DISTRICT 4th

DATE 6/12/80

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 George W. Brown

ADDRESS 750 Muller Road, Westminster, Md. 21157 PHONE 876-2036

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. _____

ROAD AND DESCRIPTION Frederick and Watersville Road

SIZE OF LOT 6 acres TYPE BLDG. 3 or 4 bedrooms

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.

SIGNATURE OF APPLICANT George W. Brown

APPROVED BY C. O. Wheeler FOR Shelley Taylor DATE 6/12/80

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

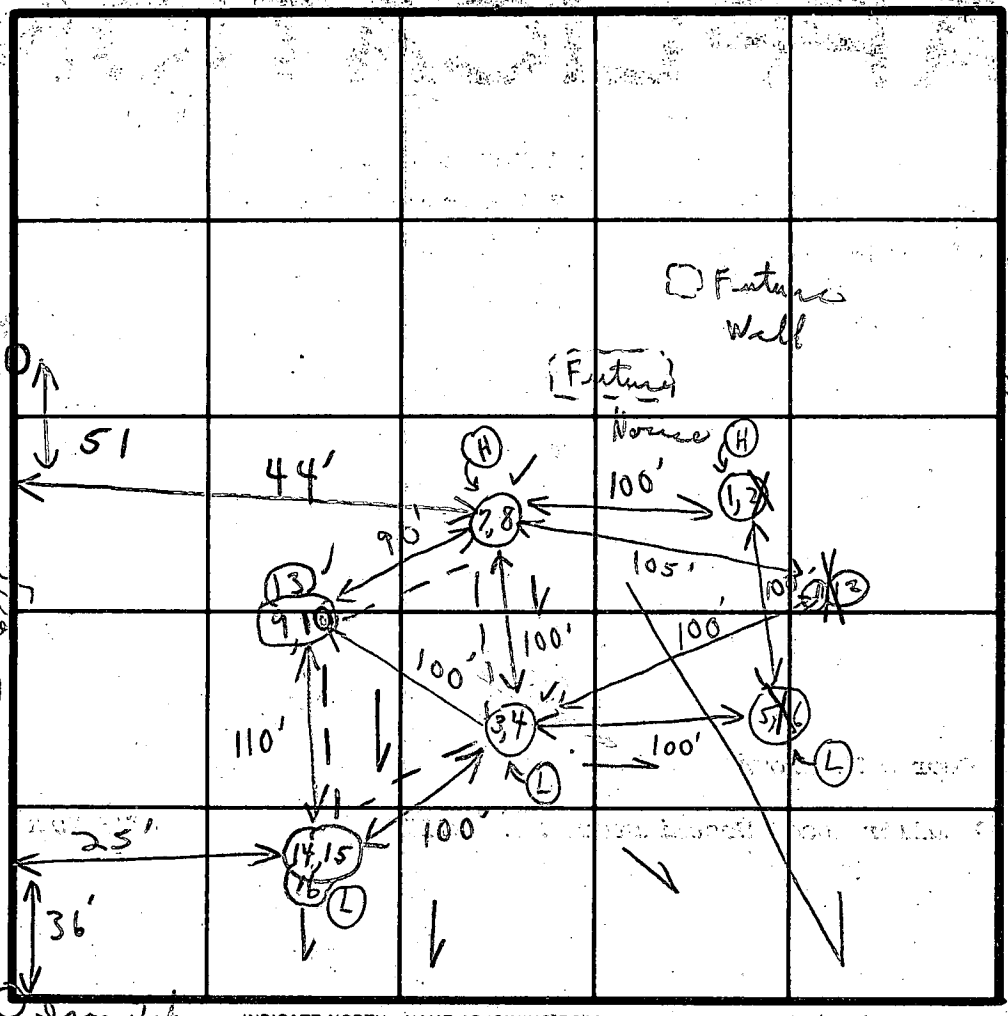
REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

Page 1
Case #

SOIL PROFILE

Below clay loam is weathered shale to shale see each hole



Waterworks Road
Field sheet
Tests Not Permitted

New piece area

Iron stakes INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE. R# 144

Soil Profile

	DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
				START	STOP	START	STOP	
1-3" CLAY	6/23/80	1 A	3'	10:20	10:50	5:0	3/4" @ 1 moist	3 XX
3'-10" LOAM & WEATHERED SHALE		2 (H)	11'	10:18	10:26	10:26	10:43	17m
1'-2 1/2" CLAY		3	2 1/2'	10:29	10:33	10:33	10:41	8m
2 1/2" LOAM WEATHERED SHALE & SHALE		4 (L)	11'	10:56	10:59	10:59	11:09	11m
1" CLAY		5 (L) A	3 1/2'	10:42	10:51	11:13	1/2" @ moist	
LOAM & WEATHERED SHALE		6 (L)	10'-10"	11:29	11:43	11:43	12:00 @ moist	1/4" 1/2"
1-3" CLAY		7	3 1/2'	10:33	10:45	10:45	10:59	14m
WEATHERED SHALE & SHALE		8 (H)	11'	11:12	11:16	11:16	11:23	7m
CLAYISH		1B AP.	4'	11:04	11:11	11:44	1/2" @ moist	X
		5B	4'	11:21	11:51	11:51	1/2" @ moist	X
1-3" CLAYISH LOAM & WEATHERED SHALE		9 ↓	3'	11:46	11:50	11:50	11:20 1/2" @ moist	XXX
REMARKS		10	4'	12:13	12:20	12:20	12:48	28m
		13	11'	1:27	1:29	1:29	1:32	3m

TYPE OF SOIL

TESTED BY C.B. only COPY GIVEN MR. BROWN

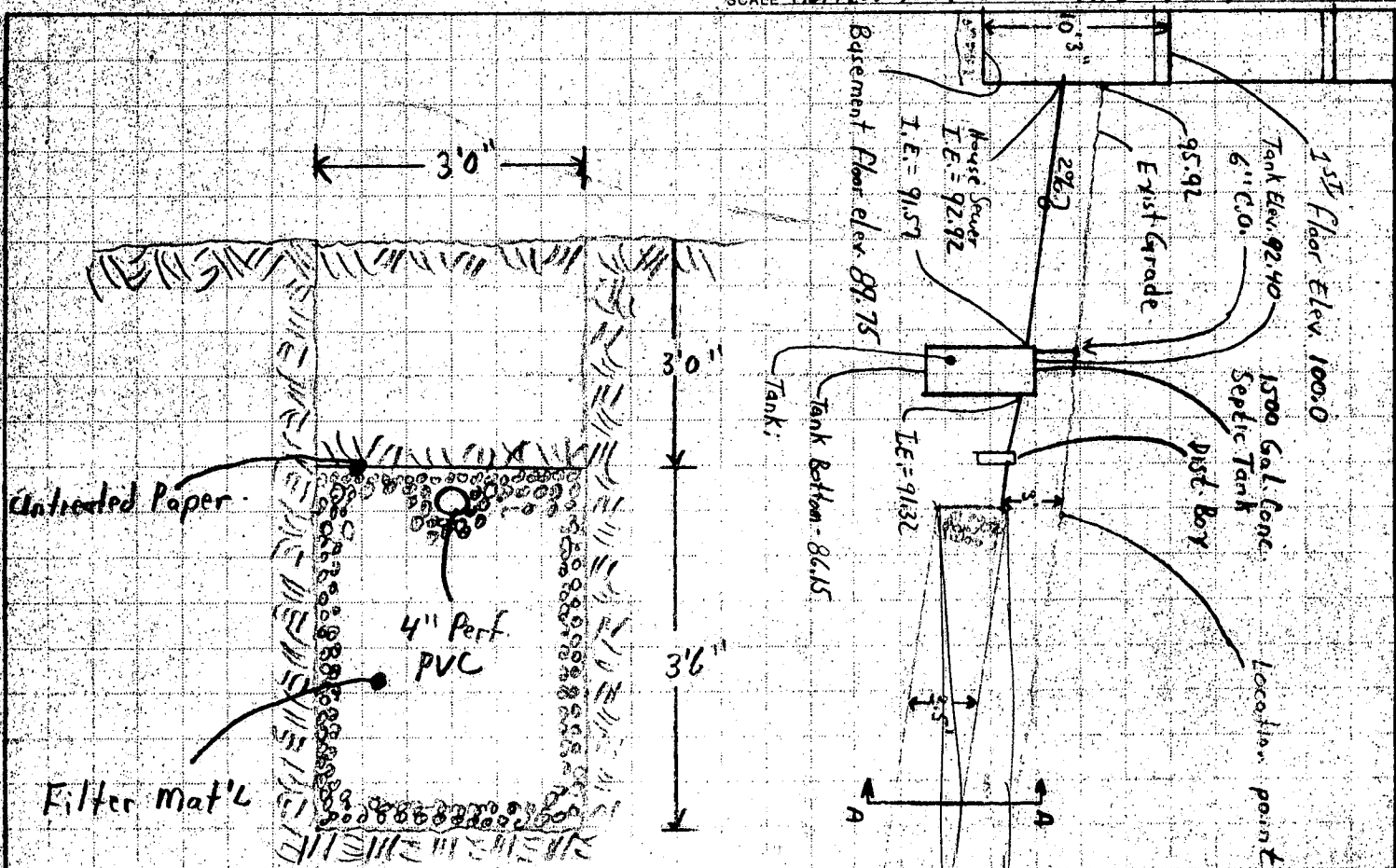
ALSO PRESENT Mr. Brown & Mr. Balay

71
75
8) 126 16m
346

SCHEPER MECHANICAL INC.

69 Main St.
REISTERSTOWN, MD 21136
(301) 833-2800

JOB George & Judy Brown
SHEET NO: 1 OF _____
CALCULATED BY PFS DATE 2-21-83
CHECKED BY _____ DATE _____
SCALE Horiz.: 1"=40' Vert.: 1"=10'



Section A-A
Scale 1/2" = 1'0"

4 bedrms X 175ft²/bedrm = 700ft²
Effective Absorbent
Area required

3 Trenches 3 1/2' d x 3' w x 100' L

Patrick F. Scheper Feb 22, 1983
Patrick F. Scheper, Master Plumber
Ho. Co. # 384-83
Md # 3232

100' Long Absorption Trench (Typ. @ 2)
Run on contour.
PFS
Filter Mat'l
Per Howard Co. Plbg Code 16.9.2

B 1 9235

SEQUENCE NO. WRA USE ONLY

STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL

WRA PERMIT NUMBER

HO-73-3642

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

please, print or type

fill in this form completely

DATE RECEIVED

7/23/81

8/28/81

8 (WRA USE ONLY) 13 OWNER INFORMATION

Brown, G.00

George

LAST NAME

OWNER

FIRST NAME

750 Muller Road

STREET OR RFD

Westminster, Maryland 21157

TOWN

STATE

ZIP

B 1 CONTINUED

DRILLER INFORMATION

Ronald L. Kyker

296

DRILLER'S NAME

LICENSE NO. 80

Ronald L. Kyker 7/21/81

SIGNATURE

DATE

B 2

WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN) 5

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 550

USE FOR WATER (CIRCLE APPROPRIATE BOX)

D HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)

F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)

I INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)

P PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)

T TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

APPROXIMATE DEPTH OF WELL 150' FEET

APPROXIMATE DIAMETER OF WELL 6" INCH

Method of Drilling (circle one)

BORED (OR AUGERED) JETTED JETTED & DRIVEN

AIR ROTARY AIR PERCUSSION ROTARY (HYDRAULIC)

CABLE REVERSE ROTARY DRIVE POINT ROTARY

other

REPLACEMENT OR DEEPEMED WELLS

(Circle Appropriate Box)

N THIS WELL WILL NOT REPLACE AN EXISTING WELL

Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED

S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY

D THIS WELL WILL DEEPEM AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)

Not to be filled in by driller (WRA USE ONLY)

APPROX. PERMIT NUMBER

GAP

FORCE INITIALS CONDITIONS

HO-73-3642

B 3

LOCATION OF WELL

COUNTY

Howard

SUBDIVISION

Parcel of Ridgeville Nursery

SECTION

LOT

NEAREST TOWN

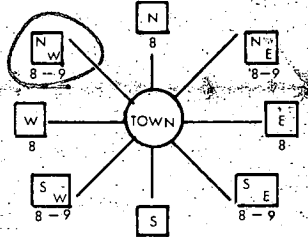
Lisbon

MILES FROM TOWN (enter 0 if in town)

3

B 4

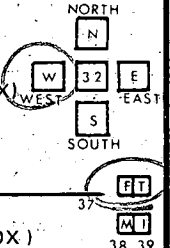
DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Watersville Rd. Rt. #14

NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



150

DISTANCE FROM ROAD (CIRCLE APPROPRIATE BOX)

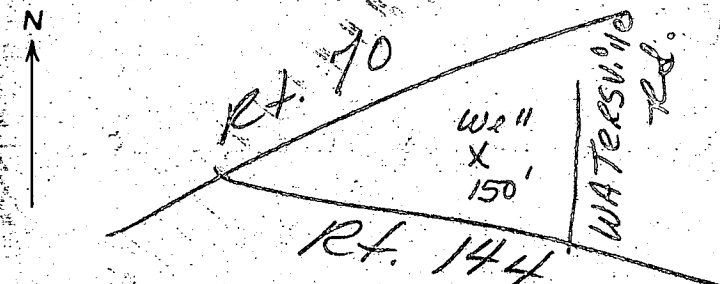
SHOW LOCATION OF WELL WITH AN "X" IN THIS BOX

E	760	3
N	550	3

16 Bags of cement P.W.D.
53' Well about
58' Well casing P.W.D.
Well ok casing above ground

WRITE THE BOX NUMBER FROM THE MAP HERE

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION



B 4

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard COUNTY NAME

A30727 COUNTY NO.

EHA SIGNATURE

STATE HEALTH CIRCLE BOX

MO. DAY YEAR

Frank Skinner, Sanitarian

8/5/81

CO. SIGNATURE

NORTH 553 GRID

EAST 0763 GRID

ELEV. (FT.)

B 5

SPECIAL CONDITIONS

(WRA USE ONLY)

P.O. Box 861

Phone 848-4170
876-1911

WESTMINSTER ROTARY WELL DRILLING, INC.
DANA KYKER & SONS

January 8, 1980

RECEIVED
HOWARD COUNTY
HEALTH DEPT.
ELICOTT CITY, MD.
JAN 12 9 50 AM '81

Gentlemen:

We are requesting that a Permit be extended for another six (6) month period.

PERMIT NUMBER H0-73-3642

PERMIT EXPIRES ON 1/15/81

HOWARD COUNTY # A30727

Thank You,

Dana Kyker & Sons

C1 8143 SEQUENCE NO. (WRA USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 30 DAYS AFTER WELL IS COMPLETED

(THIS NUMBER IS TO BE PUNCHED IN COLUMNS 3, 6 ON ALL CARDS)

COUNTY NUMBER A 30727

Date Received August 28, 1981 DATE WELL COMPLETED 08 28 81

Depth of Well 130 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" 40-73-3642

OWNER Brown George STREET OR RD. Md. Rte. 144 TOWN Lisbon SUBDIVISION Parcel of Ridgelyville Nursery SECTION LOT

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), Check if water bearing. Rows include Dirt, Soft Brown Shale, Soft Brown & Blue Shale w/slate, Hard Blue & Brown Shale, Brown Shale & Flint, Hard Blue & Brown Shale, Opening, Hard Blue & Brown Shale.

WELL HAS BEEN GROUTED YES (Y) NO (N) TYPE OF GROUTING MATERIAL CEMENT (CM) BENTONITE CLAY (BC) NO. OF BAGS 16 NO. OF POUNDS 1504 GALLONS OF WATER 96 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 56 ft.

CASING RECORD STEEL (S) CONCRETE (CO) PLASTIC (PL) OTHER (OT) MAIN CASING TYPE S T Nominal diameter 6 Total depth 58

OTHER CASING (if used) diameter inch depth (feet) from to

SCREEN RECORD STEEL (ST) BRASS (BR) OPEN HOLE (HO) PLASTIC (PL) OTHER (OT)

DEPTH (nearest ft.) HO 58 130

CIRCLE APPROPRIATE BOX 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 I HAVE COMPLIED WITH ALL CONDITIONS STATED ON THE ABOVE-CAPTIONED "PERMIT TO DRILL WELL"

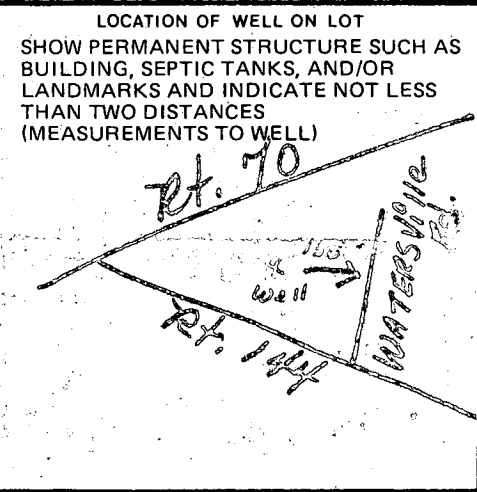
DRILLERS IDENT. NO. 256 DRILLERS SIGNATURE Ronald L. Kyles SITE SUPERVISOR sign of driller or journeyman responsible for sitework if different from permittee

SLOT SIZE DIAMETER OF SCREEN (NEAREST INCH) GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL CIRCLE BOX F

WRA USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST HOURS PUMPED 6 PUMPING RATE 20 METHOD USED TO MEASURE PUMPING RATE Flowmeter WATER LEVEL BEFORE PUMPING 49 WHEN PUMPING 93 TYPE OF PUMP USED Air (A) piston (P) turbine (T) centrifugal (C) rotary (R) other (O) jet (J) submersible (S)

PUMP INSTALLED YES (Y) NO (N) DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX) IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX - SEE ABOVE: (A, C, J, P, R, S, T, O)) CAPACITY: GALLONS PER MINUTE PUMP HORSE POWER PUMP COLUMN LENGTH (nearest ft.) CASING HEIGHT (circle appropriate box and enter casing height) + above LAND SURFACE - below 2 (nearest foot)



B 1 9163 SEQUENCE NO. WRA USE ONLY
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND
APPLICATION FOR PERMIT TO DRILL WELL

WRA PERMIT NUMBER
40-73-3913
fill in this form completely

please print or type

DATE RECEIVED 12-17-80
8/28/81
1:00
8. (WRA USE ONLY) 13
OWNER INFORMATION
Brown, George
LAST NAME OWNER FIRST NAME
750 Muller Road
STREET OR RFD
Westminster, Maryland 21157
TOWN STATE ZIP

B 3 LOCATION OF WELL
1 2 3 6
COUNTY Howard
SUBDIVISION Parcel Ridgeville Nursery
SECTION LOT
NEAREST TOWN Lisbon
MILES FROM TOWN (enter 0 if in town) 3 MI

B 1 CONTINUED DRILLER INFORMATION
Dana Kyker, Jr. II 256
DRILLER'S NAME LICENSE NO. 80
Dana Kyker, Jr. II 12/16/80
SIGNATURE DATE

B 4
DIRECTION OF WELL FROM TOWN (CIRCLE BOX)
Watersville Rd. & Rt. 144
NEAR WHAT ROAD
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
150
DISTANCE FROM ROAD (CIRCLE APPROPRIATE BOX)

B 2 WELL INFORMATION
APPROX. PUMPING RATE (GAL. PER MIN) 6
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 4000

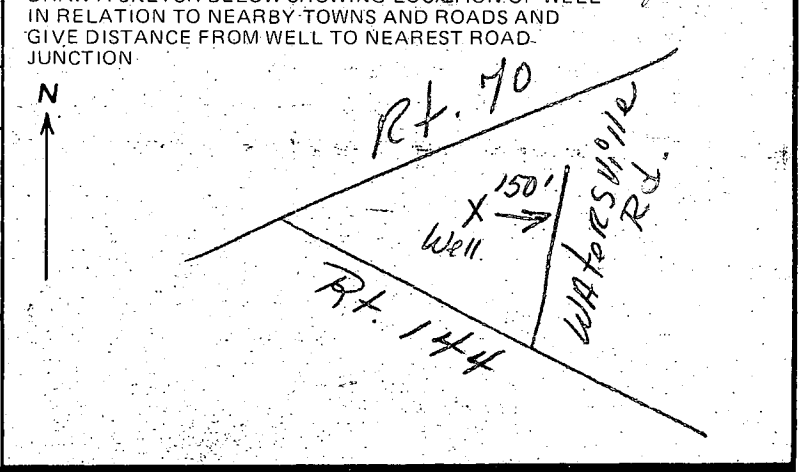
USE FOR WATER (CIRCLE APPROPRIATE BOX)
D HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
(Discharge for Geothermal heat well)
F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
I INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)
P PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)
T TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

SHOW LOCATION OF WELL WITH AN "X" IN THIS BOX
WRITE THE BOX NUMBER FROM THE MAP HERE
E 760 4
N 550 3
15 Bags of Cement P.W.D.
40' Well about
53' Well casing P.W.D.
X Well ok C.B.D.
53' casing above ground

APPROXIMATE DEPTH OF WELL 150' FEET
APPROXIMATE DIAMETER OF WELL 6" INCH

Method of Drilling (circle one)
BORED (OR AUGERED) JETTED JETTED & DRIVEN
AIR ROTARY AIR PERCUSSION ROTARY (HYDRAULIC) ROTARY
CABLE REVERSE ROTARY DRIVE POINT
other

REPLACEMENT OR DEEPEMED WELLS (Circle Appropriate Box)
N THIS WELL WILL NOT REPLACE AN EXISTING WELL
Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY
D THIS WELL WILL DEEPEM AN EXISTING WELL
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)



Not to be filled in by driller (WRA USE ONLY)
APPROX. PERMIT NUMBER H081GAP005
WRITE INITIALS IN BOX FORCE PS CONDITIONS H073-3913

B 4 NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
HOWARD COUNTY NAME A30727 COUNTY NO.
EHA SIGNATURE STATE HEALTH CIRCLE BOX S
MO 05 DAY 11 YR 81 CO SIGNATURE Frank Skinner DATE 5/11/81
NORTH 553 EAST 0764 ELEV. (FT.)
GRID 50 55 GRID 57 63 65 68

B 5 SPECIAL CONDITIONS (WRA USE ONLY)

MARYLAND GROUNDWATER POLLUTION CONTROL AND PREVENTION SYSTEM

APPLICATION FOR PERMIT TO DISCHARGE* TO UNDERGROUND WATERS AND FOR APPROVAL OF PLANS AND SPECIFICATIONS FOR A FACILITY WHICH MAY DISCHARGE

LOCATION: (name and address of facility producing discharge or potential discharge)

NAME George Brown

ADDRESS 750 Muller Road

COUNTY/CITY Westminster, Maryland (Carroll) ZIP CODE 21157

*Include a copy of a U.S.G.S. 7.5 minute quadrangle map showing the exact location of discharge or facility.

TYPE OF DISCHARGE OR FACILITY (check all appropriate boxes)

NATURE OF BUSINESS Residence

DISCHARGES

(DISCHARGE PERMIT REQUIRED)

- LAND APPLICATION OF WASTEWATER
 IRRIGATION (spray or other) OVERLAND FLOW INFILTRATION-PERCOLATION BASIN
 OTHER, DESCRIBE _____
- UNDERGROUND WASTE INJECTION WELLS
- DISCHARGE WELLS
- SUB-SURFACE SOIL ABSORPTION SYSTEM (drainfield, seepage pit, etc.; industrial only)

FACILITIES WHICH MAY DISCHARGE

(APPROVAL OF PLANS AND SPECIFICATIONS REQUIRED)

- HOLDING PONDS AND LAGOONS FOR CHEMICALS, WASTES OR OTHER MATERIALS
- WASTEPILES AND STOCKPILES
 STRIP MINE SPOILPILES CHEMICAL STOCKPILES SALT STOCKPILES
 OTHER, DESCRIBE For Geothermal Heat Pump Systems
- LANDFILLS
 LANDFILLS FOR INDUSTRIAL WASTES AND SLUDGES
 LANDFILLS FOR MUNICIPAL WASTEWATER TREATMENT PLANT SLUDGES
 SANITARY LANDFILLS FOR MUNICIPAL AND COMMERCIAL WASTES
 OTHER, DESCRIBE _____

NATURE OF WASTE, WASTEWATER, OR POTENTIAL POLLUTANT (check all appropriate boxes)

- SANITARY INDUSTRIAL HEATING
 SOLID WASTES SLUDGES COOLING WATER
 DESCRIBE Discharging Water from heat pump system LIQUID WASTES

QUANTITY OF WASTE, WASTEWATER, OR POTENTIAL POLLUTANT

LIQUIDS: AVG. GAL/DAY 150 MAX. GAL/DAY 170
 SOLIDS OR SLUDGES: AVG. TONS/DAY _____ MAX. TONS/DAY _____

PERIOD OF DISCHARGE OR OPERATION OF FACILITY:
FROM 10 TO 15 minutes every hour

DISCHARGES TO PLACES OTHER THAN GROUNDWATER

SURFACE WATERS, NAME OF RECEIVING WATER _____
 MUNICIPAL SEWER SYSTEM _____ OTHER _____

SOURCE OF WATER SUPPLY

GROUNDWATER (wells) _____ PUBLIC WATER SUPPLY, NAME _____
 SURFACE WATER _____ NO WATER USED IN OPERATION _____

OTHER ADMINISTRATION PERMITS APPLIED FOR

NO YES, KIND OF PERMIT Appropriation

APPLICANT

NAME George Brown
ADDRESS 750 Muller Road
COUNTY/CITY Westminster, Md. (Carroll) ZIP CODE 21157 PHONE H-876-2038
O-788-7910

OWNER

(If different from above)

NAME Same as above
ADDRESS _____
COUNTY/CITY _____ ZIP CODE _____ PHONE _____

OPERATOR

(if different from above)

NAME Same as above
ADDRESS _____
COUNTY/CITY _____ ZIP CODE _____ PHONE _____

SIGNATURE OF APPLICANT OR AGENT

Dana Fisher, Jr. II @ _____
SIGNATURE DATE 12/16/80

NOTICE: UPON RECEIPT, THE WATER RESOURCES ADMINISTRATION WILL EVALUATE THIS APPLICATION AND NOTIFY THE APPLICANT OF REQUIREMENTS, IF ANY, FOR ADDITIONAL INFORMATION AND WHETHER OR NOT A DISCHARGE PERMIT WILL BE REQUIRED FOR A FACILITY WHICH MAY DISCHARGE.

*Section 8-1413 of the Natural Resources Article requires that a permit be obtained to discharge any pollutant into surface or underground waters of the State. "Discharge" means the addition, introduction, leaking, spilling, or emitting any pollutant to State waters or the placing of any pollutant in a location where it is likely to pollute.

PH 88
DIVISION OF ENVIRONMENTAL HEALTH

SEND TO:
WATER RESOURCES ADMINISTRATION
WATER PERMITS SECTION
TAWES STATE OFFICE BUILDING
ANNAPOLIS, MARYLAND 21401

If there are any questions, telephone (301) 269-3821

CI 8286 SEQUENCE NO. (WRA USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 30 DAYS AFTER WELL IS COMPLETED COUNTY NUMBER A30727

Date Received (WRA use only) August 29 1991 DATE WELL COMPLETED

Depth of Well 250 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" H0-73-3913

OWNER Brown last name George first name STREET OR RFD Watersville Rd & Rte 144 TOWN Lisbon SUBDIVISION Parcel of Ridgeville Nursery SECTION LOT

WELL LOG table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), Check if water bearing. Rows include Dirt, Soft Brown Shale, Blue Shale, Brown Shale, Blue & Brown Shale, Brown Shale, Blue & Brown Shale, Blue slate, Opening, Blue slate.

GROUTING RECORD WELL HAS BEEN GROUTED (Circle Appropriate Box) TYPE OF GROUTING MATERIAL CEMENT CM BENTONITE CLAY BC NO. OF BAGS 15 NO. OF POUNDS 1410 GALLONS OF WATER 60 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 50 ft.

CASING RECORD casing types insert appropriate code below MAIN CASING TYPE S T Nominal diameter top(main) casing (nearest inch) 6 Total depth of main casing (nearest foot) 53

OTHER CASING (if used) diameter inch depth (feet) from to

SCREEN RECORD screen type or openhole insert appropriate code below ST BR HO STEEL BRASS BRONZE OPEN HOLE PL OT PLASTIC OTHER

DEPTH (nearest ft.) HO 53 250

- CIRCLE APPROPRIATE BOX [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 I HAVE COMPLIED WITH ALL CONDITIONS STATED ON THE ABOVE-CAPTIONED "PERMIT TO DRILL WELL", AND THAT INFORMATION CONTAINED IN THIS REPORT IS TRUE, ACCURATE, AND COMPLETE TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF.

DRILLERS IDENT. NO. 256 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) SITE SUPERVISOR (sign of driller or journeyman responsible for sitework if different from permittee)

SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH) from to

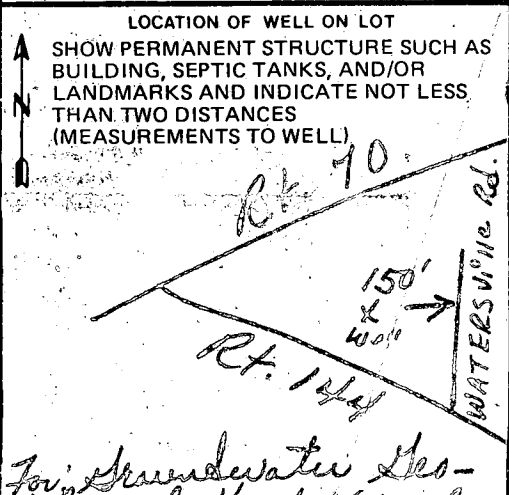
GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL CIRCLE BOX F

WRA USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q 74 75 76 TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST HOURS PUMPED (nearest hour) 6 PUMPING RATE (gal. per min. to nearest gal.) 5 METHOD USED TO MEASURE PUMPING RATE Flowmeter WATER LEVEL (distance from land surface) BEFORE PUMPING 57 WHEN PUMPING 165 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 YES NO DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX) [Y] [N] IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX - SEE ABOVE: (A, C, J, P, R, S, T, O)) 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 3 (nearest foot)



Wine

September 23, 1982

Mr. George W. Brown
Atlantic Air Conditioning & Heating, Inc.
583 Frederick Road
Catonsville, MD 21228

Dear Sir:

Subject: 17500 Frederick Road

I reviewed your letter of September 7, 1982 and discussed the problem with Mr. Palmer Wine, Director, Bureau of Environmental Health. Although you have not obtained a building permit for your proposed structure at the above referenced location, you have installed the necessary wells and obtained a Water Appropriation and Use Permit from the State of Maryland and are in compliance with the requirements of the Health Department.

Since you have made a substantial beginning, I believe, in my opinion, you have a vested right to utilize a ground water heat pump on this location for your proposed dwelling.

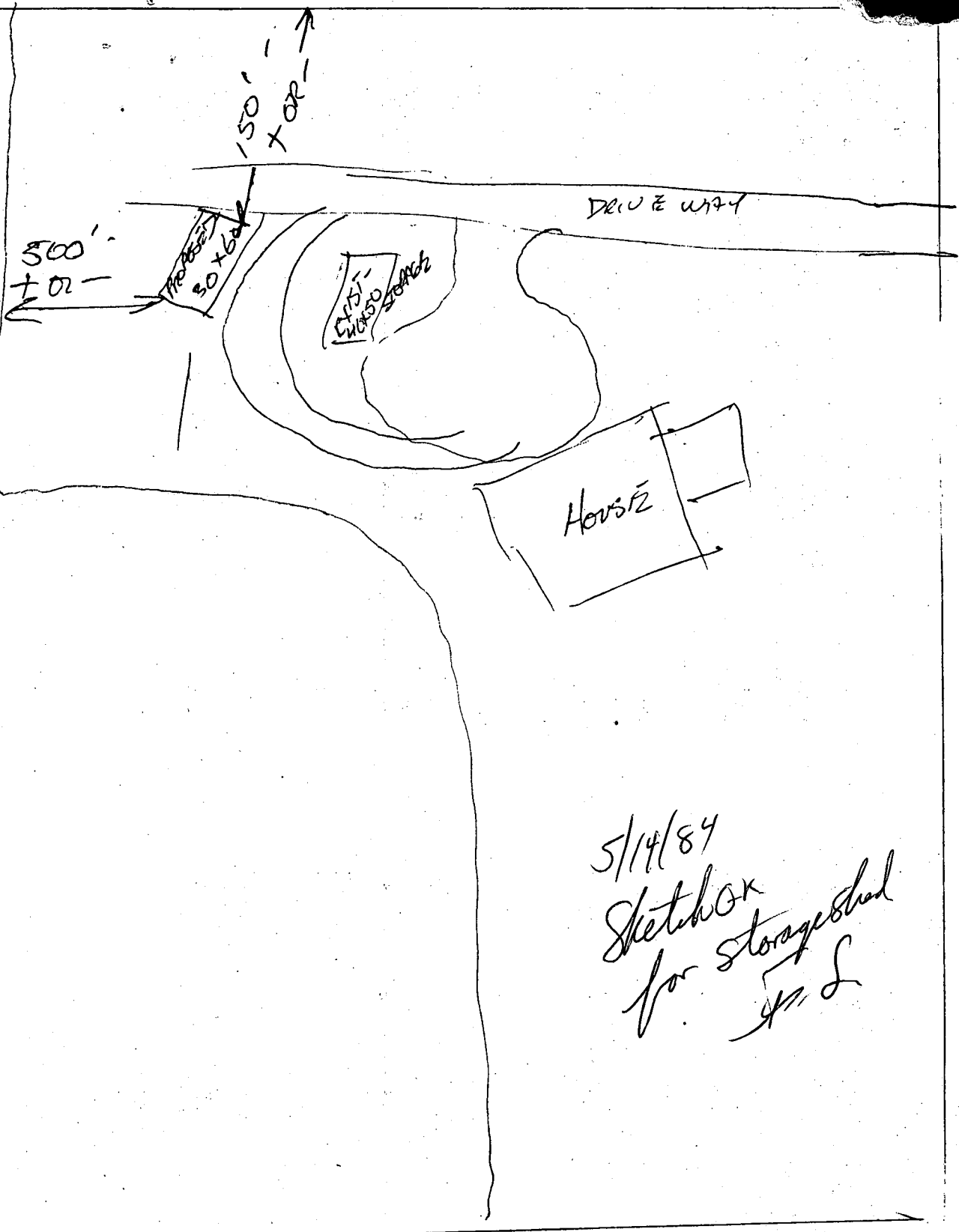
Very truly yours,

M. Robert Gemmill, Chief
Bureau of Inspections, Licenses and Permits

MRG/k

cc: Palmer Wine w/enclosures
John Dreisch
David Krebs

MS RTE 70



5/14/84
 Sketch OK
 for storage shed
 J.S.

W. WATERVILLE RD

MD 144 FREDERICK RD

U.S. ROUTE No. 70 N
(ACCESS DENIED)

6.308 ACRES

2/24/83
Sketch of
T.S.

PLAT OF SURVEY
FOR
RIDGEVILLE NURSERIES, INC.
FOURTH ELECTION DISTRICT, HOWARD COUNTY
MT. AIRY, MARYLAND
SCALE: 1 IN. = 50 FT. SEPT. 7, 1978

FOR
GEORGE W. BROWN

Robert C. [Signature]

