

10/1/91
2:30-3:00 PM
C.O.S.
10/8/91 ASAP

PERMIT 03-313506

SEWAGE DISPOSAL SYSTEM

P 47472

A 38651

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

DISTRICT 3rd

INDEX - TIME EXPIRED FOR

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

F.C.O.P. COMPLIANCE

DATE 9/13/91

7/15/93

DATE SYSTEM APPROVED 10/8/91

INDEXED

C. Williams / IKB

INSPECTOR RV

Paul Schissler/South Carroll Backhoe, Inc. IS PERMITTED TO INSTALL ALTER

ADDRESS 4410 Salem Bottom Road, Westminster, Maryland 21157 PHONE 875-4197

SUBDIVISION Willow Highlands LOT 26 ROAD 13332 Pipes Lane

PROPERTY OWNER Fischbath

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

189
3 | 7.20
240

LINEAR FEET OF TRENCH REQUIRED 240

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 - Start the first trench 150 feet from the front lot line and 125 feet from the left lot line as seen when facing the lot from Pipes Lane. Run trenches on contour toward the front of lot.

NOTE - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout ant cap to grade or above on septic tank. OK 6/19/91 RIF

PLANS APPROVED BY Mark Rifkin cm DATE 6/13/91

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

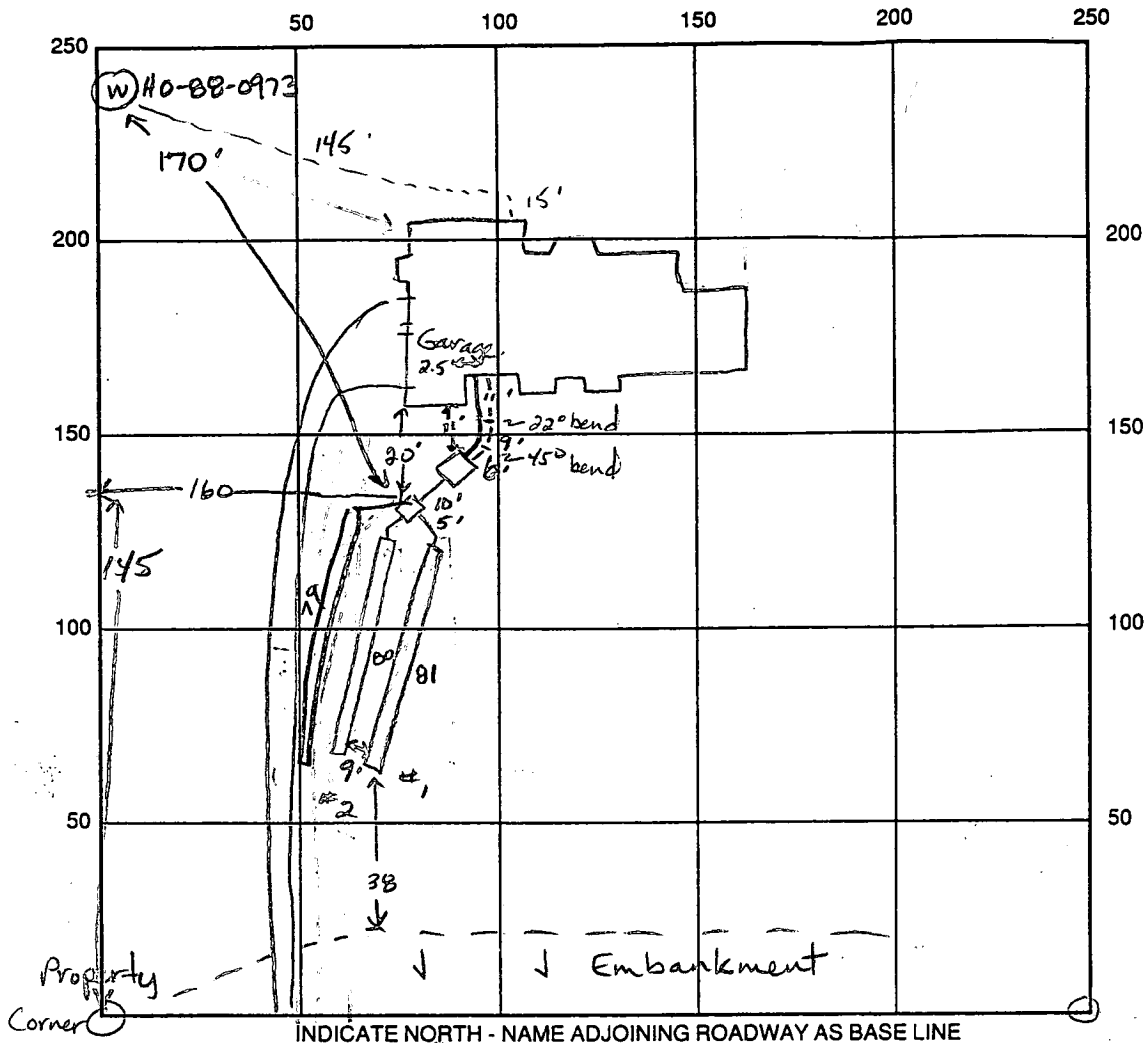
PERMIT VOID AFTER TWO YEARS

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

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

38651



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL 1500 gal CLEANOUTS OK

DISTRIBUTION BOX LEVEL OK BARFLE

DRAIN FIELD TITLE DEPTH 4.5 5 FT. TRENCH WIDTH 3.0 FT. INLET DEPTH 3.0 3.5 FT.

EFFECTIVE GRAVEL DEPTH 1.5 2 2 FT. TOTAL LENGTH 81 80 79 240 240 240 720

NUMBER OF TRENCHES 2 ONE SIDEWALL 243 240 240 SQ. FT. 720

DRYWALL INSIDE DIAMETER FT. EFFECTIVE DEPTH BELOW INLET FT.

ABSORBENT AREA SQ. FT.

REMARKS: 10-7-91 OK to stone trenches. OK to cover trenches #1 & 2.
Leave end of trench #2 open for inspection (EN).
10/8/91 - TRENCH #1 & #2 COVERED TRENCH #3 ALMOST FINISHED

DATE SYSTEM APPROVED 10/8/91

INSPECTOR Raymond Hodge

APPLICATION

PERCOLATION TESTING

A 38651

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 461-9933

DISTRICT 3

DATE 12-16-1986

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 WILLOW SPRINGS LIMITED PARTNERSHIP (Fischbath)
16801 WESLEY CHAPEL ROAD
ADDRESS MONKTON, MARYLAND. 21111 PHONE 347-8700

PROSPECTIVE BUYER _____
ADDRESS _____ PHONE _____

PROPERTY LOCATION: Highlands
SUBDIVISION WILLOW SPRINGS GOLF COURSE LOT NO. 26

ROAD AND DESCRIPTION N/S U.S. RTE 70 N AT LIVE STOCK ROAD
(13332 Pipes Lane)

TAX MAP 9 & 15 PARCEL # 151 & 11
SIZE OF LOT 3.0 Ac. ± TYPE BLDG. S.F.D.
(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.

By WILLOW SPRINGS INC. Co Partner
James E. [Signature]
(SIGNATURE OF APPLICANT)

APPROVED BY [Signature] FOR Standard Tech DATE 8-7-89

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 4-15-87 Perc Satisfactory; Hold For Subdivision Plat. S.H.A.

BLDG. PERMIT SIGNED
AND RETURNED 4/14/91
Serial # 38748
SFD - 4 Bedrooms

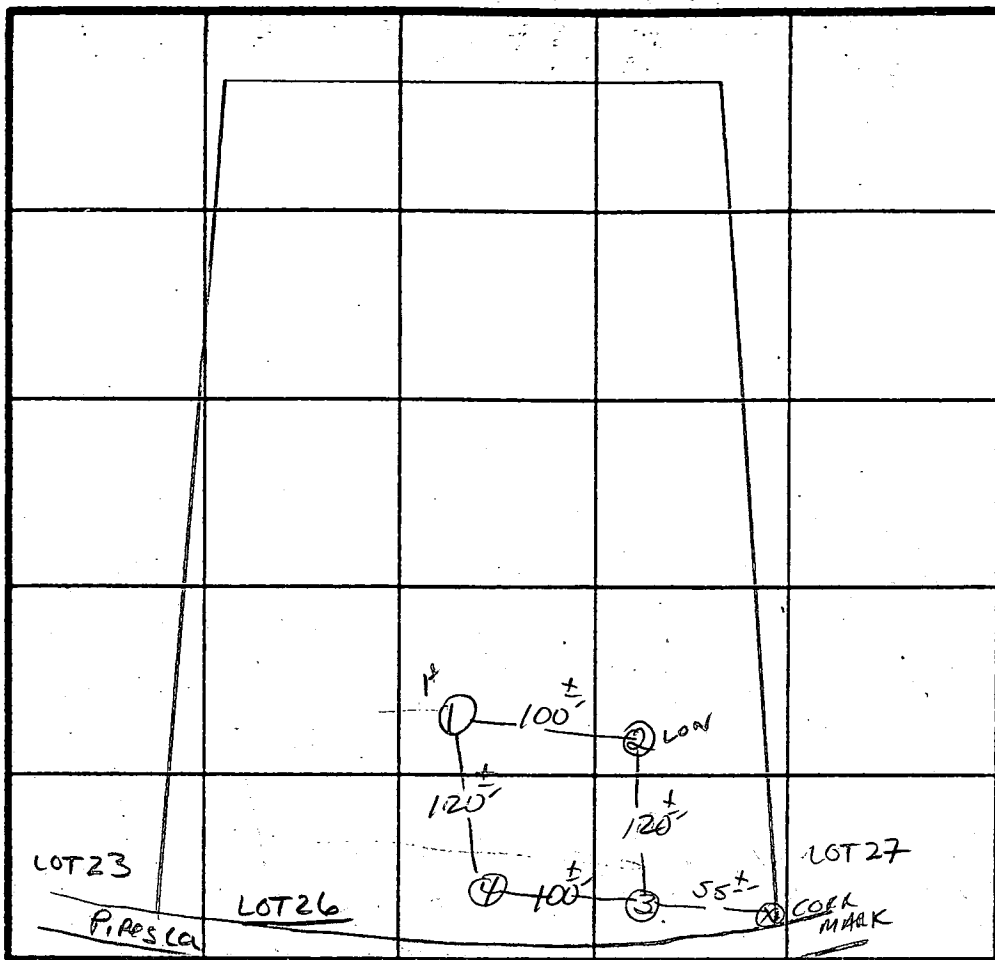
THIS IS NOT A PERMIT

A-38651

1/2

①-④
SOIL PROFILE

0'	AP
12'	Yellow Br Silty loam 9-12% clay 15-20% frags
3'	Yellow Br Silty sand Loam 25-35% FRAGS
9-12'	HARD BOTTOM



2 Perc 5min
180 φ/100
Inlet 3'
Bottom 4.5'

INDICATE NORTH NAME ADJOINING ROADWAY AS-BASE LINE

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4/15/87	1 S	3.5'	10:22	10:25	10:25	10:31	6 min
	1 M	7.5'	10:22	10:25	10:25	10:30	5 min
	1 V	12'	uniform soil below		3'		
	2 S	3'	10:24	10:26	10:26	10:28	2 min
	2 V	9'	HARD BOTTOM - uniform soil below		3'		
	3 S		10:30	10:33	10:33	10:38	5 min
	3 V	11.5'	HARD BOTTOM - uniform below		3'		
	4 V	12'	HARD BOTTOM - uniform below		3'		

REMARKS Holes Diff. than PERC/ Shallow Syst. only

TYPE OF SOIL Chester

TESTED BY S. Abel ALSO PRESENT D-KETTERMAN DAVE

EH-12-1079

APPLICATION

PERCOLATION TESTING

A 38651

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 461-9933

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 Willow Highlands LOT NO. 26

ROAD AND DESCRIPTION Pipes Lane

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 2-6-91 Recommend shallow system. JEN
2-28-91 Adjusted SDA uphill and 25 ft away from road bank JEN

HD-216

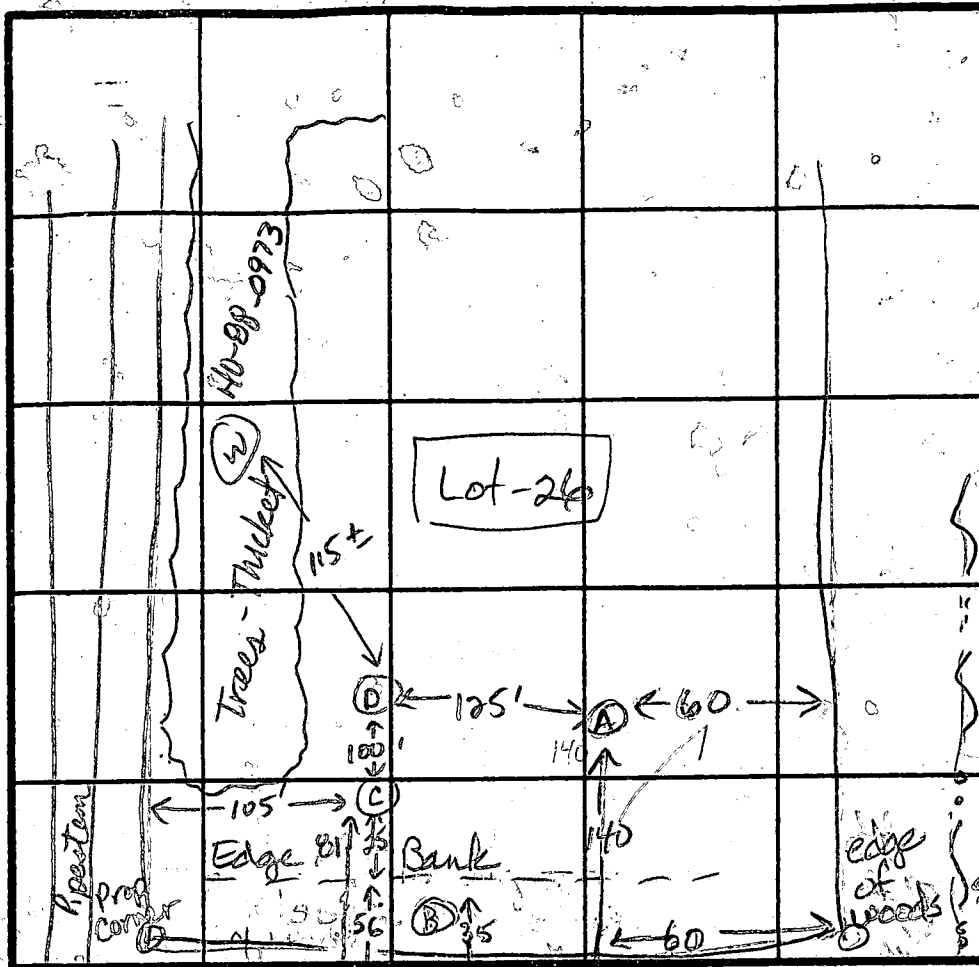
THIS IS NOT A PERMIT

A' 38651

(A)

SOIL PROFILE

0-2.0 Dk br s
cl
2.0-5.0 Br ss s
l, little
broken
rock < 10%
5-8.5 Br ss l
structured
v. frag
< 35%
8.5 Dry
Hard
bottom



(C)
0-1' Dk br s
org roots
1'-3.5 Red s
tr. of
quartz
frags
< 3%
3.5-12.5 Tan
s sil
< 5%
rock
frags
12.5 Bottom
Dry

(D)

0-3.0 Dk br
s cl
3.0-4.5 Yellow-br
mica
4.5-13.0 Tan s sil,
some
biotite
lenses,
< 60%
saprolite
relict
structure
apparent
13.0 Bottom
Dry

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE
CL - - - - - Heatherwood Way - - - - - CL Corner

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
2-6-91	A	8.5 V	Rock	at 8.5 ft				
	B		Not dug - along bank of road Higher in elevation than A					
2-28-91	D	5.0 S	1:15	1:17	1:17	1:22	5 min	
		8.0 M	1:14	1:17	1:17	1:23	6 min	
		13.0 D	Bottom - dry					ok
	C	5.0 S	1:27	1:29	1:29	1:33	4 min	
		12.5 D	Bottom - dry					ok

REMARKS Hard rock at 8.5 ft. Shallow system.

TYPE OF SOIL _____

TESTED BY Jane E. Nadeau ALSO PRESENT O. Ketterman, Jr.

B 1 **7949** SEQUENCE NO. (DP USE ONLY)
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

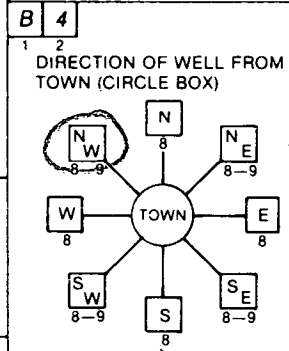
STATE OF MARYLAND
 PERMIT TO DRILL WELL
 please print or type

STATE PERMIT NUMBER
HO-88-0973
 fill in this form completely

Date Received (APA) **062189**
 OWNER INFORMATION
WILLOW SP LIMITED
 15 Last Name Owner First Name 34
16801 WESTLEY CH RD
 36 Street or RFD 55
MONK TOWN **MD21111**
 57 Town 70 State 72 Zip 76

B 3 LOCATION OF WELL
HOWARD COUNTY 21
WILLOW HIGHLANDS SUBDIVISION 42
 SECTION **11** LOT **26**
WESTERLY SHIP NEAREST TOWN 71
 MILES FROM TOWN (enter 0 if in town) **1** M I
 73 76 77 78

DRILLER INFORMATION
Ralph MAYNE License No. **273**
 Driller's Name 77 License No. 80
Ralph Mayne well Drilling
 Firm Name
9120 Brown Church Rd Mt Airy
 Address
Ralph Mayne **6/13/89**
 Signature Date



NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
HOWARD COUNTY NAME
A 38651 COUNTY NO.
 STATE SIGNATURE _____ INSERT S _____
 DATE ISSUED **080489** **Clay Williams** **5/4/90**
 43 48 CO SIGNATURE EXP. DATE
 NORTH GRID **541000** EAST GRID **0807000**
 50 55 57 63

B 2 WELL INFORMATION
 APPROX. PUMPING RATE (GAL. PER MIN.) **5**
 1 2 8 12
 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) **500**
 14 20

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

APPROXIMATE DEPTH OF WELL **150** FEET
 24 28

APPROXIMATE DIAMETER OF WELL **6** INCH
 29 32 NEAREST 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)
 THIS WELL WILL NOT REPLACE AN EXISTING WELL
 THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
 THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY
 THIS WELL WILL DEEPEN AN EXISTING WELL
 PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) _____

Not to be filled in by driller (OEP USE ONLY)
 APPROP. PERMIT NUMBER _____ GAP _____
 54 63
 FORCE **CW** WRITE INITIALS IN BOX PERMIT No. **HO-88-0973**
 67 68 70 71 72 73 74 75 76 77 78 79

SPECIAL CONDITIONS

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X
 SOURCES OF DRILLING WATER
 1. well
 2.
 3.
 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

C1 **1096** 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

ST/CO USE ONLY
 DATE Received: **06 29 89**
 DATE WELL COMPLETED: **08 31 89**

Depth of Well: **165**
 (TO NEAREST FOOT)

PERMIT NO.
 FROM "PERMIT TO DRILL WELL"
40-99-0973

OWNER: **William Sp. Limited** last name **PIPES LA.** first name
 TOWN: **W. FRIENDSHIP**
 SUBDIVISION: **William Highlands** SECTION: LOT: **26**

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		Check if water bearing
	FROM	TO	
Top Soil	0	2	
Sandy	2	40	✓
Sandstone	40	45	
MICKA	45	80	
Sandstone	80	85	✓
MICKA	85	165	

GROUTING RECORD
 WELL HAS BEEN GROUTED: YES NO
 TYPE OF GROUTING MATERIAL:
 CEMENT: **CM** BENTONITE CLAY: **BC**
 NO. OF BAGS: **10** NO. OF POUNDS: **1000**
 GALLONS OF WATER: **60**
 DEPTH OF GROUT SEAL (to nearest foot):
 from **0** ft. to **40** ft.

CASING RECORD
 casing types insert appropriate code below:
 ST STEEL **CO** CONCRETE
 PL PLASTIC **OT** OTHER
 MAIN CASING TYPE: **PL** Nominal diameter top (main) casing (nearest inch): **6**
 Total depth of main casing (nearest foot): **50**

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

SCREEN RECORD
 screen type or open hole: insert appropriate code below:
 ST STEEL **BR** BRASS **HO** OPEN HOLE
 PL PLASTIC **OT** OTHER

C2
 DEPTH (nearest ft.)
 EACH SCREEN: **HO** **48** **165**
 SLOT SIZE 1 2 3
 DIAMETER OF SCREEN (NEAREST INCH):
 from to

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 26.04.04 "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. **273**
 DRILLERS SIGNATURE: **Thash Mayne**

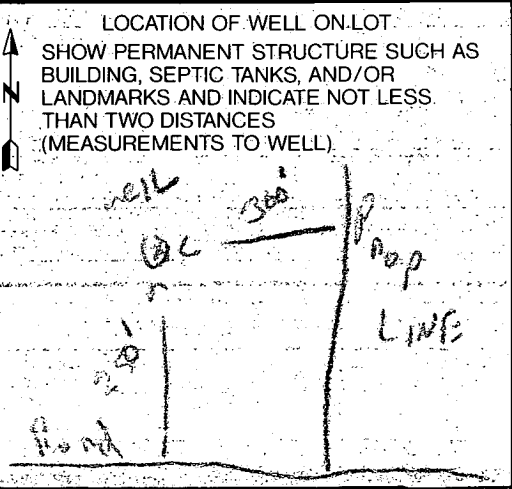
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee):

GRAVEL PACK: IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

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

C3
PUMPING TEST
 HOURS PUMPED (nearest hour): **3**
 PUMPING RATE (gal. per min. to nearest gal.): **10**
 METHOD USED TO MEASURE PUMPING RATE: **Rocket**
 WATER LEVEL (distance from land surface):
 BEFORE PUMPING: **29**
 WHEN PUMPING: **52**
 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: 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 } LAND SURFACE
 below } (nearest foot)



COUNTY

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 88-0973
 Location of property (road) PIPES LA.
 Subdivision Willow Highlands Lot 26 Block Plat Sec.
 Well Driller EMPH MAYNE Owner Willow Sp. Limited

Depth of well 165
 Distance of measuring point (M.P.) above ground 2^{ft}
 Static water level (S.W.L.) below M.P. 29^{ft}

I. High rate pumping -- reservoir drawdown

Time pump started 8:45 Pumping rate 10 GPM
 Total time 15 min to reach pumping water level 52 ft. below M.P.

II. Recovery pump test data - observations to be recorded every 15 minutes

TIME (in 15 minute intervals)	WATER LEVEL below M.P.	PUMPING RATE time to fill 1 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)	
9:00	52 ft	6 Sec	 	10 GPM	
9:15	52 ft	6 Sec		10 GPM	
9:30	52 ft	6 Sec		10 GPM	
9:45	52 "	6 "		10 "	
10:00	52 "	6 "		10 "	
10:15	52 "	6 "		10 "	
10:30	52 ft	6 Sec		10 GPM	
10:45	52 ft	6 Sec		10 GPM	
11:00	52 ft	6 Sec		10 GPM	
11:15	52 "	6 "		10 "	
11:30	52 "	6 "		10 "	
11:45	52 ft	6 Sec		10 GPM	
12:00	52 ft	6 Sec		10 GPM	

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 # 47407
Date 8/14/91

Name of Installer CLARKE P+H INC

Telephone 489-4029

License Number _____

Certified Well Pump Installer _____ Well Driller _____ Registered Plumber 3808

Name of Property Owner Robert Fischbach

Telephone 442-1251

Subdivision Willow Spring Lot # 26

Well Tag # HO-88-0973

Site Address 1332 Pipes Lane

Pump

- Type
 - Deep well jet _____
 - Shallow well jet _____
 - Submersible
- Make Boulders
- Model # _____
- Capacity _____ GPM
- Pump exceeds well capacity Yes _____ No _____
- If Yes, is low pressure cutoff switch installed? Yes _____ No _____
- What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors _____ Cable guards Other _____

Motor

- Horsepower _____
- RPM _____
- Voltage _____
 - 110 _____
 - 220

Pitless Adapter

- Make PT 800
- Model # _____
- Depth 42"

Tank

- Capacity 42 gallon
- Pressure relief valve? 75

Piping

- Type Plastic
- Size 1"
- NSF and/or BOCA Code approved _____
- Depth of supply line 42"

Well data

- Depth _____ ft.
- Yield _____ GPM
- Static water level _____ ft.
- Will water supply be disinfected by installer? NO

I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

All information given above is true to the best of my knowledge.

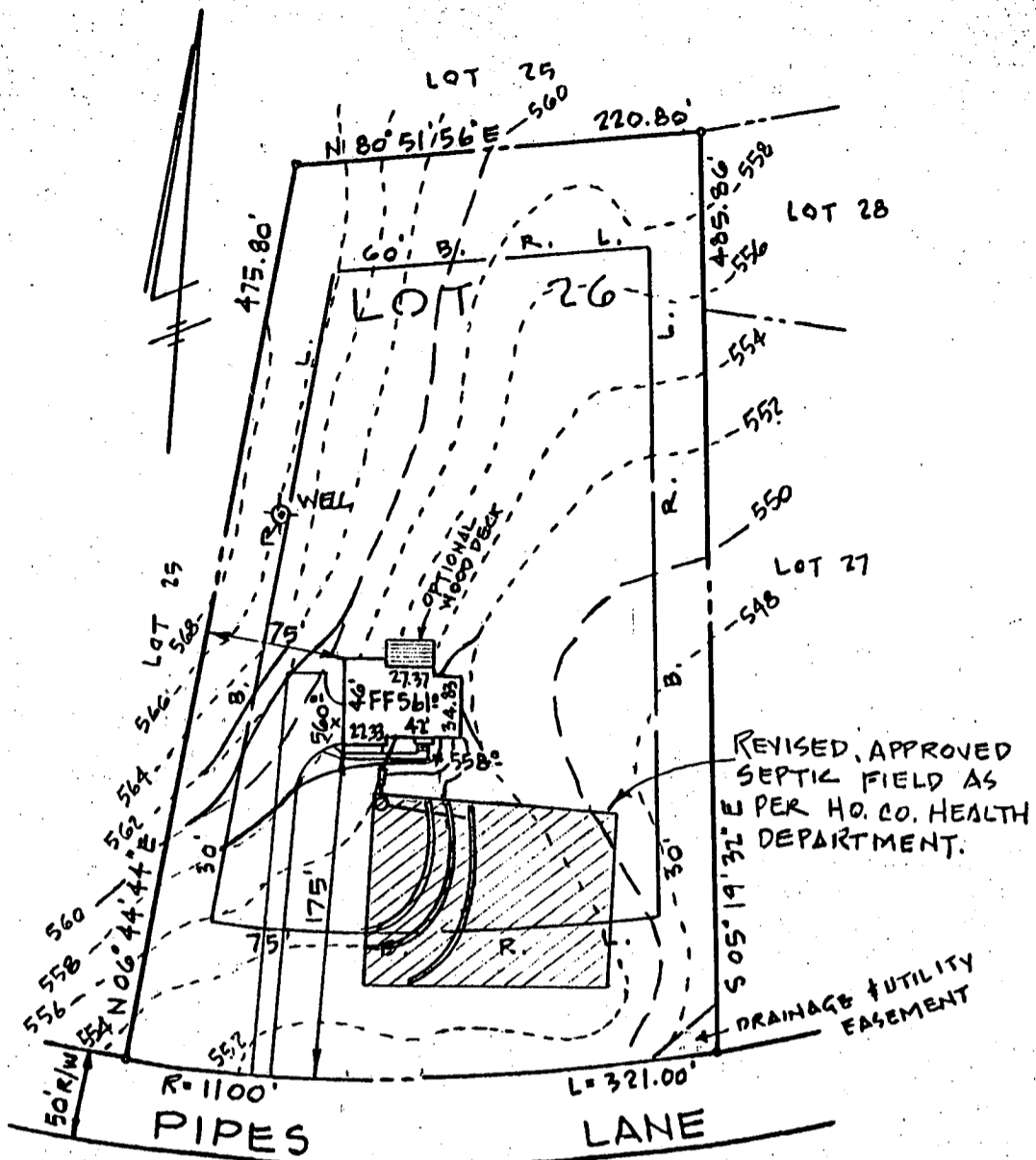
Signature of Applicant: Kenneth C. Clarke

Date: 8-14-91

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

HD-215

10/8/91 OUTSIDE WORK OK
PRESSURE TANK NOT INSTALLED
RV



NOTE:

1. LOT AREA - 3.001 AC.
2. HOUSE TYPE: 2 STORY FRAME WITH FULL BSMT.

— BASEMENT

NO MANHOLE REQ'D

1-2% fall between HOUSE & S.T. and between S.T. & D.B.

elevations OK MR 6/1/91

SEPTIC DATA

✓ HOUSE F.F.	561°
✓ " BSMT	552°
✓ " SEWER INV.	554°
✓ SEPTIC INV. IN	553°
✓ TANK INV. OUT	553°
✓ " FIN. GR.	556°
✓ DISTR. INV. IN	553°
✓ BOX FIN. GR.	556°
✓ WELL FIN. GR.	566°

— NOTE: TRENCH LENGTH TO BE DETERMINED AT TIME OF SEPTIC PERMIT ISSUANCE.

— BUILDER —
S.F. CONTRACTORS
3368 BRANTLY COURT
GLENWOOD, MD. 21738
PHONE: 442-1751

— ENGINEER —
JOHN L. SCHNEIDER, P.E.
100 N. ROLLING RD.
CATONSVILLE, MD. 21228
301-744-1945

RECORD PLAT NO 7917

GRADING STUDY

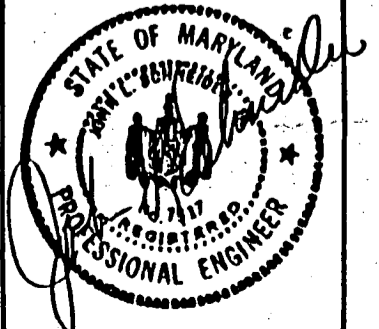
LOT 26 "WILLOW HIGHLANDS AT WILLOW SPRINGS GOLF COURSE"

THIRD ELECTION DISTRICT

HOWARD COUNTY - MARYLAND

SCALE: 1" = 100'

DATE: MAY 20, 1991 *



* PLAN REVISED JUNE 13, 1991 TO SHOW SEPTIC ADJUSTMENT