

10/11/91
40/00

PERMIT

03-313 314

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

INDEXED

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

461-9933

P 47535

A 38634

DISTRICT 3rd

DATE 10/8/91

DATE SYSTEM APPROVED 10/11/91

INSPECTOR M. R. Skin

Dave Hopkins

IS PERMITTED TO INSTALL X ALTER

ADDRESS 17550 Old Frederick Road, Mt. Airy, Maryland 21771 PHONE 831-7257

SUBDIVISION Willow Highlands LOT 11 ROAD 1746 Willow Springs Drive

PROPERTY OWNER Joseph M. Sipocz

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 240

~~SEAL~~ PERMIT SIGNED

AND RETURNED 9-16-92

Serial # B70 120349

permanant

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

LOCATION - Start the first trench 500 feet from the front lot line and 70 feet from the left lot line as seen when facing the lot from Willow Springs Drive. Run trenches on contour toward the left rear of property.

NOTE - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK 9/17/91 RJ

PLANS APPROVED BY Sid Abel cm DATE 6/2/89

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, 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

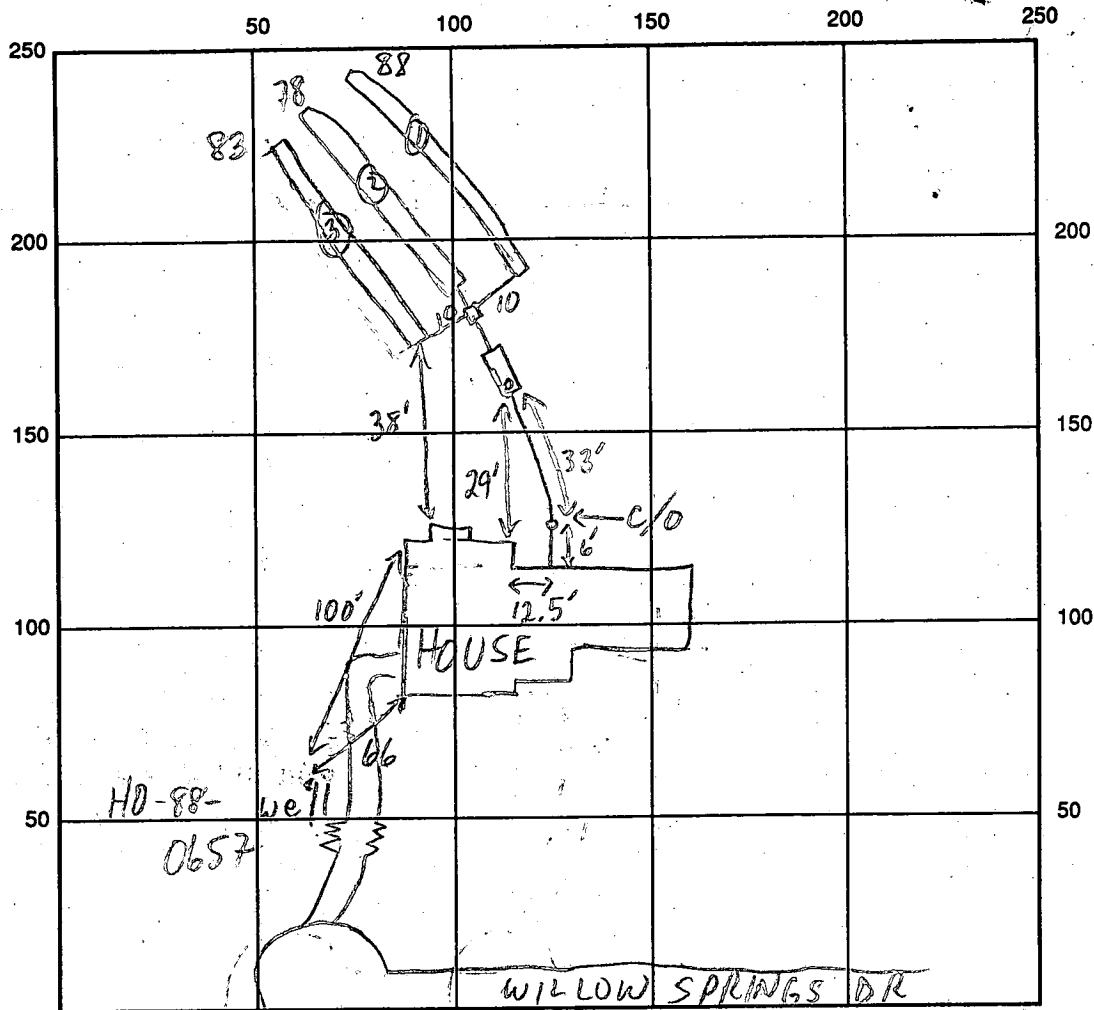
NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 35/40 PVC OR ABS

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**



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL 1500 GAL - OK CLEANOUTS HOUSE S.T.
OK OK

DISTRIBUTION BOX LEVEL OK - BAFFLE IN

DRAIN FIELD/TITLE DEPTH 1/2/3 FT. TRENCH WIDTH 3 FT. INLET DEPTH 1/2/3 FT.
5/5/5

EFFECTIVE GRAVEL DEPTH 1/2/3 FT. TOTAL LENGTH 088 078 083 FT.
2/2/2

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 0264 0234 0249 SQ. FT.

DRYWALL INSIDE DIAMETER — FT. EFFECTIVE DEPTH BELOW INLET — FT.

ABSORBENT AREA 747 SQ. FT.

REMARKS: 10/11/91 OK TO COVER ALL MR

DATE SYSTEM APPROVED 10/11/91 INSPECTOR M. Rifkin

A 38634SUBDIVISION: Willow HighlandsLOT NUMBER: 11DRY WELL OR DRY WELL AND TRENCH

	<u>Septic Tank</u>	<u>Minimum Total Square Feet</u>
3 bedroom	1000 gallon	<u> </u> sq. ft./bedroom
4 bedroom	1250 gallon	<u> </u>
5 bedroom	1500 gallon	<u> </u>

Inlet feet below original grade.Bottom maximum depth feet below original grade.Effective area begins at feet below original grade.

NOTE: If trench is used to make up absorbent area, run the trench on level ground and leave a 5-foot earth buffer between dry well and trench. No trench is to exceed 100 feet in length. Trench inlet to be same as dry well, with feet of stone below distribution pipe.

TRENCHESTrench to be 3 wide.Inlet 3 feet below original grade.Bottom maximum depth 5 feet below original grade.Effective area begins at 3 feet below original grade. 2 feet of stone below distribution pipe.

180 sq. ft./bedroom
 4
720 FOR 4 BEDROOMS

240 FT LONG
FOR 4 BEDROOMS

- NOTE:
- (1) No trench to exceed 100 feet in length.
 - (2) If more than one trench used, a distribution box is required.
 - (3) Trenches to be installed on level ground.
 - (4) Call for inspection of trench before gravel is installed.
 - (5) Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank and drywell.
 - (6) If a garbage disposal is used, increase septic tank capacity by 50% and increase absorbent sidewall area by 22%.

LOCATION: START THE FIRST TRENCH 500 FT FROM THE FRONT LOT LINE
AND 70 FT FROM THE LEFT LOT LINE AS SEEN WHEN FACING THE LOT
FROM Willow Springs Dr. RUN TRENCHES ON CONTOUR TOWARD
THE LEFT REAR OF PROPERTY 6-2-88 JAL

APPLICATION

PERCOLATION TESTING

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

A 38634

P _____

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 Joseph M. Sipocz
16801 WESLEY CHAPEL ROAD
ADDRESS MONKTON, MARYLAND 21111 PHONE 347-8700
876-9223

PROSPECTIVE BUYER _____
ADDRESS _____ PHONE _____

PROPERTY LOCATION: Highlands
SUBDIVISION WILLOW SPRINGS GOLF COURSE LOT NO. 11
ROAD AND DESCRIPTION N/S U.S. RTE 70 N AT LIVE STOCK ROAD

TAX MAP 9 & 15 PARCEL # 151 & 11
SIZE OF LOT 3.5 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 [Signature] Ben Partner
(SIGNATURE OF APPLICANT)

APPROVED BY [Signature] FOR Standard Agency DATE 6-2-89

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 4-14-87. Ruc Oa/inferry. hold for subdivision plat. S.A.H.

BLDG. PERMIT SIGNED

AND RETURNED 9/3/91

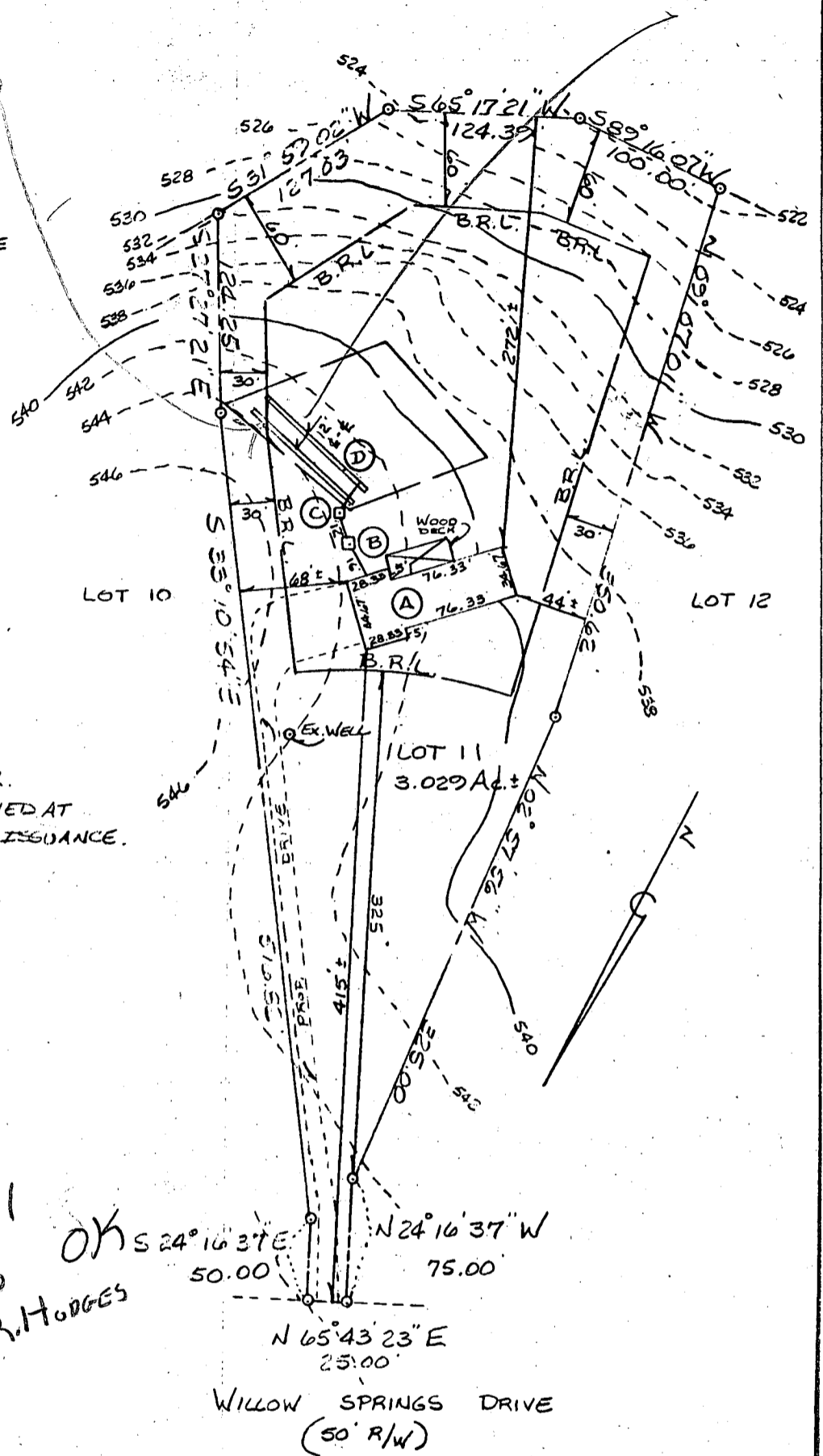
Serial # 39543
SFD

THIS IS NOT A PERMIT

TOO SHORT
TO PRINT

190

- (A) = PROP. 4 BEDROOM HOUSE
FF. ELEV. = 547.0
BSMT. ELEV. = 537.0
INV. ELEV. = 541.5'
- (B) = PROP. SEPTIC TANK
EX. ELEV. = 543.6'
INV. IN = 541.3'
INV. OUT = 541.0'
- (C) = PROP. DIST. BOX
EX. ELEV. = 543.6'
INV. ELEV. = 540.9'
- (D) = PROP. TRENCHES
INV. ELEV. = 540.6'
2' STONE, 5' BOTTOM MAX.
LENGTH TO BE DETERMINED AT
TIME OF SEPTIC PERMIT ISSUANCE.



9/13/91
OK
PLANS
R. HODGES



PLAT PLAN
LOT 11, FINAL PLAT
WILLOW HIGHLANDS AT
WILLOW SPRINGS GOLF COURSE
SITUATED ON WILLOW SPRINGS DRIVE
ELECTION DISTRICT No 3
HOWARD COUNTY, MARYLAND
SCALE: 1"=100 JULY 1991

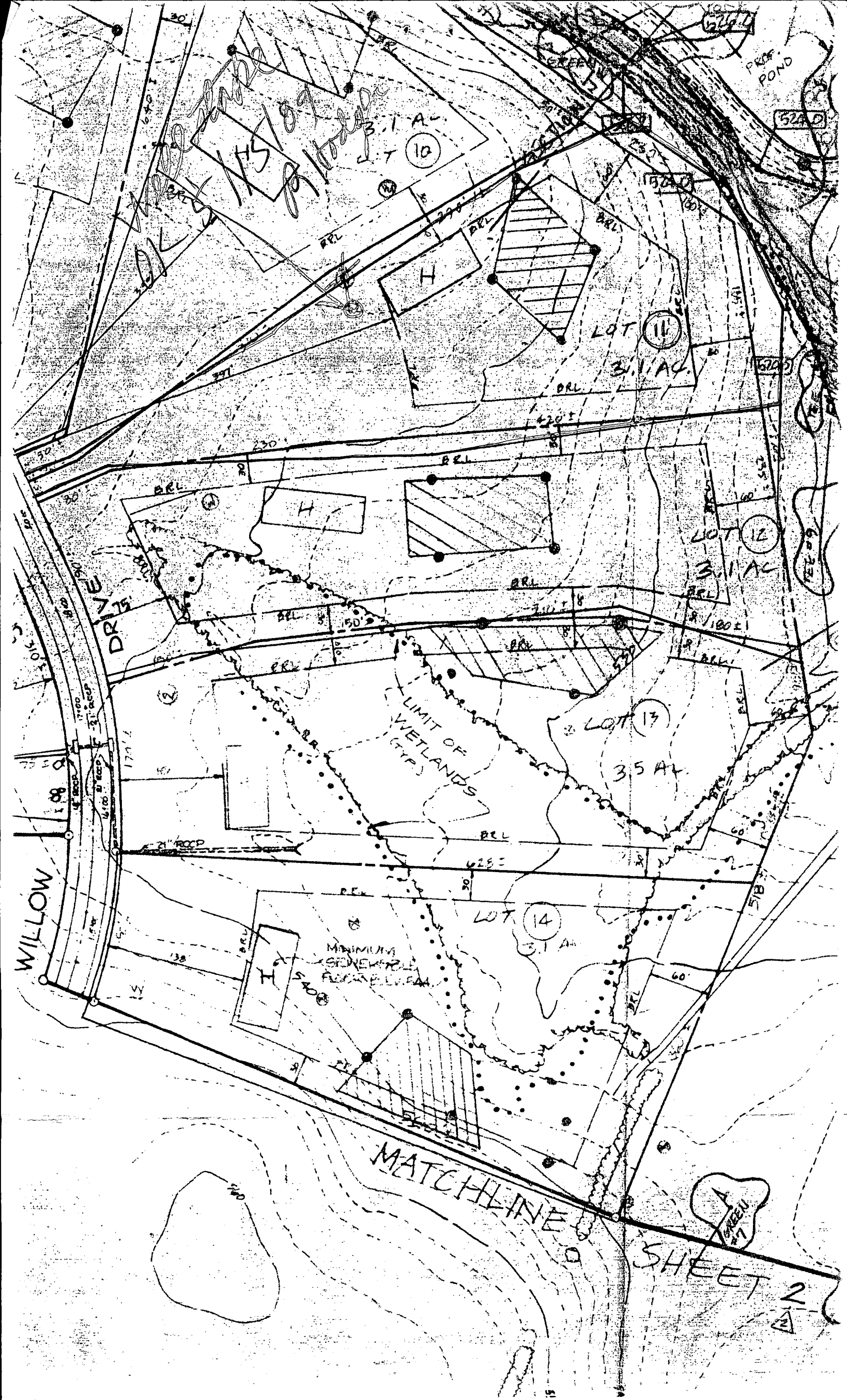
REVISED: 3 SEPT. 91 DECK, F.F.E. & BSMT. ELEV.

I CERTIFY THIS PLAT TO BE CORRECT; IT IS THE RESULT
OF AN ACTUAL FIELD SURVEY, BASED ON DATA FOUND AMONG
THE LAND RECORDS OF HOWARD COUNTY,
MARYLAND, AS REFERENCED HEREON.

REFERENCE	JOB NO.
PLAT # 7920	91-09

LIBERTY SURVEY, INC.
3020 BUFFALO ROAD
NEW WINDSOR, MARYLAND
301-875-2784 21776

B 1	7957	SEQUENCE NO. (DP USE ONLY)	STATE OF MARYLAND PERMIT TO DRILL WELL please print or type	STATE PERMIT NUMBER <div style="border: 1px solid black; padding: 2px; display: inline-block;"> HD-88-0657 </div> <div style="font-size: 8pt;">fill in this form completely</div>
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)				
Date Received (APA) <div style="border: 1px solid black; padding: 2px;">051089</div>		LOCATION OF WELL <div style="border: 1px solid black; padding: 2px;"> HOWARD </div> <div style="font-size: 8pt;">8 COUNTY</div>		
OWNER INFORMATION <div style="border: 1px solid black; padding: 2px;"> WILLOW SP. LIMITED </div> <div style="font-size: 8pt;">15 Last Name Owner First Name 34</div>		<div style="border: 1px solid black; padding: 2px;"> WILLOW HIGHLANDS </div> <div style="font-size: 8pt;">23 SUBDIVISION 42</div>		
<div style="border: 1px solid black; padding: 2px;"> 16801 WESTLEY RD </div> <div style="font-size: 8pt;">36 Street or RFD 55</div>		SECTION <div style="border: 1px solid black; padding: 2px;">1</div> LOT <div style="border: 1px solid black; padding: 2px;">11</div> <div style="font-size: 8pt;">44 46 48 50</div>		
<div style="border: 1px solid black; padding: 2px;"> HOWARD </div> <div style="font-size: 8pt;">57 Town 70 State 72 Zip 76</div>		<div style="border: 1px solid black; padding: 2px;"> WEST FRIENDSHIP </div> <div style="font-size: 8pt;">52 NEAREST TOWN 71</div>		
DRILLER INFORMATION <div style="border: 1px solid black; padding: 2px;"> Ralph MAYNE </div> <div style="font-size: 8pt;">77 License No. 80</div>		MILES FROM TOWN (enter 0 if in town) <div style="border: 1px solid black; padding: 2px;">1</div> MI <div style="font-size: 8pt;">73 76 77 78</div>		
Driller's Name <div style="border: 1px solid black; padding: 2px;"> Ralph MAYNE well drilling </div>		<div style="border: 1px solid black; padding: 2px;"> willow SP. DR. </div> <div style="font-size: 8pt;">11 NEAR WHAT ROAD 30</div>		
Firm Name <div style="border: 1px solid black; padding: 2px;"> 9120 Brown Church Rd Mt Airy </div>		ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) <div style="display: inline-block; text-align: center; vertical-align: middle;"> NORTH N WEST W EAST E SOUTH S </div>		
Address <div style="border: 1px solid black; padding: 2px;"> Ralph Mayne 51189 </div>		<div style="border: 1px solid black; padding: 2px;"> 200 </div> <div style="font-size: 8pt;">34 37</div>		
Signature <div style="border: 1px solid black; padding: 2px;"> Ralph Mayne </div>		DISTANCE FROM ROAD ENTER FT or MI <div style="border: 1px solid black; padding: 2px;">Ft</div> <div style="font-size: 8pt;">38 39</div>		
WELL INFORMATION APPROX. PUMPING RATE (GAL. PER MIN.) <div style="border: 1px solid black; padding: 2px;">5</div> <div style="font-size: 8pt;">8 12</div>		DIRECTION OF WELL FROM TOWN (CIRCLE BOX) 		
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) <div style="border: 1px solid black; padding: 2px;">500</div> <div style="font-size: 8pt;">14 20</div>		NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL <div style="border: 1px solid black; padding: 2px;"> Howard </div> <div style="font-size: 8pt;">COUNTY NAME</div>		
USE FOR WATER (CIRCLE APPROPRIATE BOX) <input checked="" type="radio"/> HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY) <input type="radio"/> FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) <input type="radio"/> INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT) <input type="radio"/> PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL) <input type="radio"/> TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)		<div style="border: 1px solid black; padding: 2px;"> A38634 </div> <div style="font-size: 8pt;">COUNTY NO.</div>		
APPROXIMATE DEPTH OF WELL <div style="border: 1px solid black; padding: 2px;">150</div> FEET <div style="font-size: 8pt;">24 28</div>		STATE SIGNATURE _____ INSERT S <div style="border: 1px solid black; padding: 2px;"> </div>		
APPROXIMATE DIAMETER OF WELL <div style="border: 1px solid black; padding: 2px;">6"</div> INCH <div style="font-size: 8pt;">NEAREST INCH</div>		DATE ISSUED <div style="border: 1px solid black; padding: 2px;">053189</div> <div style="font-size: 8pt;">43 48</div>		
METHOD OF DRILLING (circle one) BORED (or Augered) JETTED Jetted & DRIVEN <input checked="" type="radio"/> AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary) <input type="radio"/> CABLE REVERSE-ROTary Drive-POINT other _____		CO SIGNATURE <div style="border: 1px solid black; padding: 2px;">Mark E. Adkins</div> <div style="font-size: 8pt;">43 48</div>		
REPLACEMENT OR DEEPEND WELLS (CIRCLE APPROPRIATE BOX) <input checked="" type="radio"/> THIS WELL WILL NOT REPLACE AN EXISTING WELL <input type="radio"/> THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED <input type="radio"/> THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY <input type="radio"/> THIS WELL WILL DEEPEN AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEDED (IF AVAILABLE) <div style="border: 1px solid black; padding: 2px;"> </div> <div style="font-size: 8pt;">41 52</div>		NORTH GRID <div style="border: 1px solid black; padding: 2px;">540000</div> <div style="font-size: 8pt;">50 55</div>		
Not to be filled in by driller (OEP USE ONLY) APPROP. PERMIT NUMBER <div style="border: 1px solid black; padding: 2px;"> </div> GAP <div style="border: 1px solid black; padding: 2px;"> </div> <div style="font-size: 8pt;">54 63</div>		EAST GRID <div style="border: 1px solid black; padding: 2px;">080900</div> <div style="font-size: 8pt;">60 63</div>		
FORCE <div style="border: 1px solid black; padding: 2px;">MR</div> WRITE INITIALS IN BOX PERMIT NO. <div style="border: 1px solid black; padding: 2px;">40-88-0657</div> <div style="font-size: 8pt;">67 68 70 71 72 73 74 75 76 77 78 79</div>		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 <div style="display: flex; align-items: center;"> <div style="border: 1px solid black; padding: 2px; margin-right: 10px;"> 800 540 </div> <div style="font-size: 8pt;">000 000</div> </div>		
SPECIAL CONDITIONS		DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION 		



Depth of well 145'
Distance of measuring point (M.P.) above ground 2'
Static water level (S.W.L.) below M.P. 27'

Time pump started 8:15 Pumping rate 10 GPM
Total time 15 min to reach pumping water level 27 ft. below M.P.

[illegible]

C1	2495	SEQUENCE NO. (DENV USE ONLY)	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.
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)				COUNTY NUMBER A38654
DATE Received	DATE WELL COMPLETED	Depth of Well	PERMIT NO.	
<div><div></div><div></div><div></div><div></div><div></div><div></div></div>	060389	22 145 26 (TO NEAREST FOOT)	FROM "PERMIT TO DRILL WELL" HO-88-0657	

OWNER <u>Willow Sp. Ltd.</u>	last name <u>Willow Sp. A</u>	first name	TOWN <u>West Friendship</u>
STREET OR RFD	SUBDIVISION <u>WILLOW HIGHLANDS</u>		SECTION <u>11</u> LOT <u>11</u>

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 TO	Check if water bearing
Top Soil	0 2	
Sandy	2 44	✓
Sand Stone	44 50	
MCKA	50 80	
Sand Stone	80 85	✓
MCKA	85 145	

GROUTING RECORD	
WELL HAS BEEN GROUTED (Circle Appropriate Box)	
TYPE OF GROUTING MATERIAL	
CEMENT CM	BENTONITE CLAY BC
NO. OF BAGS <u>23</u>	NO. OF POUNDS <u>2300</u>
GALLONS OF WATER <u>138</u>	
DEPTH OF GROUT SEAL (to nearest foot)	
from <u>0</u> ft.	to <u>45</u> ft.
(enter 0 if from surface)	

CASING RECORD	
casing types insert appropriate code below	
ST	CO
STEEL	CONCRETE
PL	OT
PLASTIC	OTHER
MAIN Casing TYPE	
Nominal diameter top (main) casing (nearest inch)	Total depth of main casing (nearest foot)
PL	<u>6</u>
60 61	63 64
<u>55</u>	<u>70</u>
66 67	68 69

OTHER CASING (if used)	
diameter inch	depth (feet) from to
<u> </u>	<u> </u>
<u> </u>	<u> </u>

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

C2	
DEPTH (nearest ft.)	
<u>HO</u>	<u>50</u>
8 9	11 15
<u>145</u>	<u>21</u>
17 21	23 24
26 30	32 36
38 39	41 45
47 51	
SLOT SIZE 1 <u> </u> 2 <u> </u> 3 <u> </u>	
DIAMETER OF SCREEN <u> </u> (NEAREST INCH)	
56 60	

GRAVEL PACK	
IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68	
from	to
<u> </u>	<u> </u>
68	

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)		
T	(E.R.O.S.)	WQ
70 <u> </u>	72 <u> </u>	74 75 76 <u> </u>
TELESCOPE CASING	LOG INDICATOR	OTHER DATA

C3		
PUMPING TEST		
HOURS PUMPED (nearest hour) <u>3</u>		
PUMPING RATE (gal. per min. to nearest gal.) <u>10</u>		
METHOD USED TO MEASURE PUMPING RATE <u>Burkett</u>		
WATER LEVEL (distance from land surface)		
BEFORE PUMPING <u>27</u>	20	
WHEN PUMPING <u>29</u>	25	
TYPE OF PUMP USED (for test)		
A air	P piston	T turbine
27	27	27
C centrifugal	R rotary	O other (describe below)
27	27	27
J jet	S submersible	
27	27	

PUMP INSTALLED	
DRILLER WILL INSTALL PUMP YES NO	
(CIRCLE) (YES or 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	<u>2</u> (nearest foot)
49	50 51

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. <u>273</u>	
DRILLERS SIGNATURE <u>Math Maguire</u>	
(MUST MATCH SIGNATURE ON APPLICATION)	
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)	

COUNTY

Well Permit No. HO - 88-0657
Location of property (road) Willow Sp. Dr
Subdivision WILLOW HIGHLANDS Lot 11 Block Plat Sec.
Well Driller R Mayne Owner Willow Sp. Ltd.

I. High rate pumping -- reservoir drawdown

Time pump started 8:15 Pumping rate 10 GPM
Total time 15 min to reach pumping water level 29" ft. below M.P.

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

[illegible]

10/15/91

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 # 47516
Date 10-1-91

Name of Installer K.H. Plumbing

Telephone 857-0255

License Number 8300

Certified Well Pump Installer ☐ Well Driller ☐ Registered Plumber ☒

Name of Property Owner Joseph M. SIPOCZ Sr.

Telephone

Subdivision Willow Highlands Lot # 11

Well Tag # H6-88-0657

Site Address 1746 Willow Springs Dr.

Pump

1. Type
 - a. Deep well jet ☐
 - b. Shallow well jet ☐
 - c. Submersible ☒
2. Make ☐
3. Model # ☐
4. Capacity ☐ GPM
5. Pump exceeds well capacity Yes ☐ No ☐
6. If Yes, is low pressure cutoff switch installed? Yes ☐ No ☐
7. What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors ☐ Cable guards ☒ Other ☐

Motor

1. Horsepower ☐
2. RPM ☐
3. Voltage ☐
 - a. 110 ☐
 - b. 220 ☐

Pitless Adapter

1. Make ☐
2. Model # ☐
3. Depth ☐

Tank

1. Capacity ☐
2. Pressure relief valve? ☐

Piping

1. Type ☐
2. Size 1"
3. NSF and/or BOCA Code approved ☒
4. Depth of supply line ☐

Well data

1. Depth 145 ft.
2. Yield 10 GPM
3. Static water level 27 ft.
4. Will water supply be disinfected by installer? no

P.A. 3-3 1/2" B.G. OK
MR 10/15/91

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).

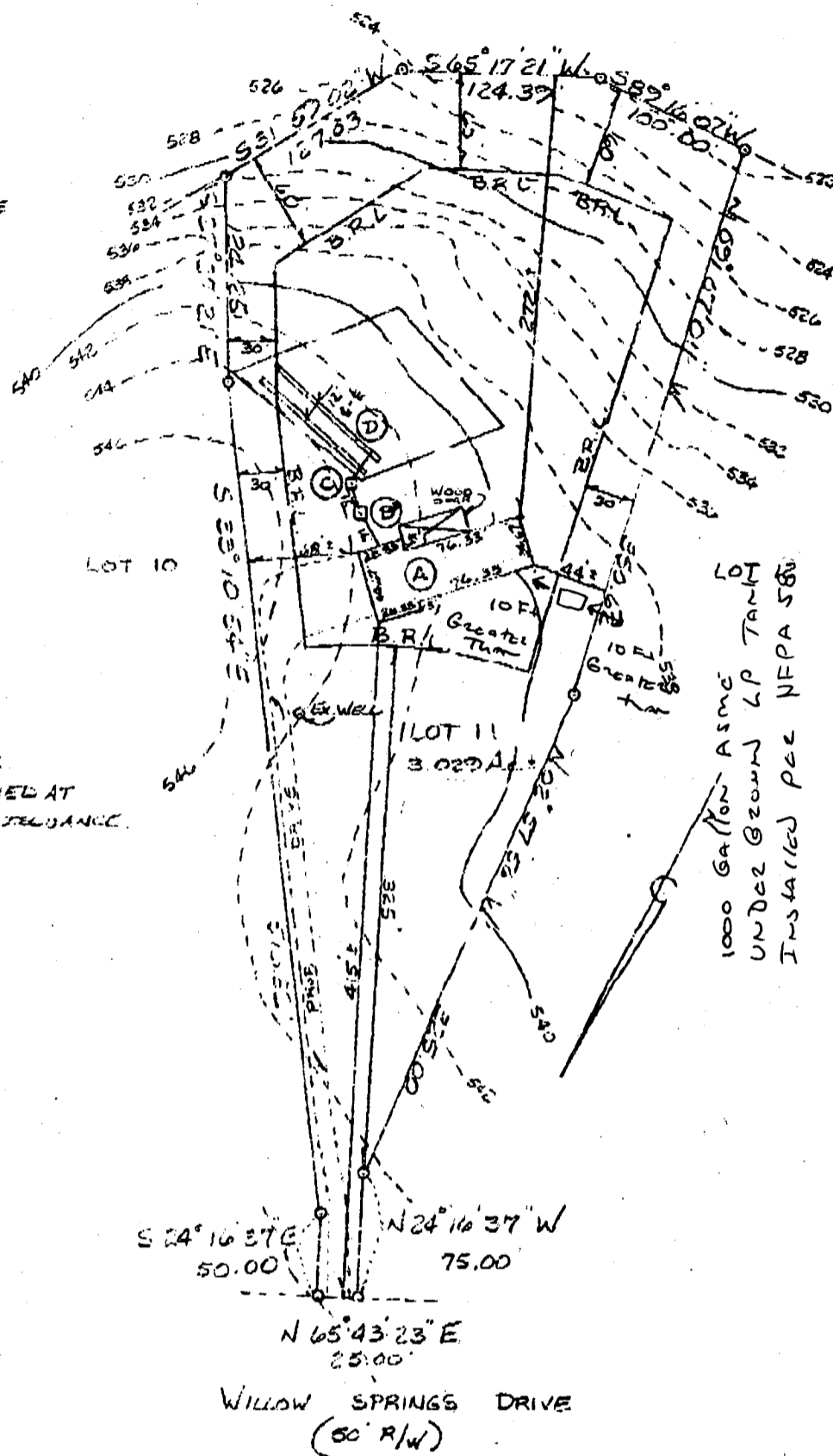
All information given above is true to the best of my knowledge.

Signature of Applicant: Kerik H. L.

Date: 10-1-91

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

- (A) : PROP. 1 BEDROOM HOUSE
FF ELEV. = 537.0
BSMT. ELEV. = 537.0
INV. ELEV. = 541.5
- (B) : PROP. SEPTIC TANK
EX. ELEV. = 543.6
INV. IN = 541.3
INV. OUT = 541.0
- (C) : PROP. DIST. BOX
EX. ELEV. = 543.6
INV. ELEV. = 540.9
- (D) : PROP. TRENCHES
INV. ELEV. = 540.6
2' STONE, 6' BOTTOM MAX.
LENGTH TO BE DETERMINED AT
TIME OF SEPTIC PERMIT RELIANCE.



PLOT PLAN
LOT 11, FINAL PLAT
WILLOW HIGHLANDS AT
WILLOW SPRINGS GOLF COURSE
SITUATED ON WILLOW SPRINGS DRIVE
ELECTION DISTRICT N-3
HOWARD COUNTY, MARYLAND
SCALE: 1" = 100' JULY 1991

REVISED: 8 SEPT 91, DUCK, F.F.E. & BSMT. ELEV.

I CERTIFY THIS PLAT TO BE CORRECT; IT IS THE RESULT
OF AN ACTUAL FIELD SURVEY, BASED ON DATA FOUND AMONG
THE LAND RECORDS OF HOWARD COUNTY,
MARYLAND, AS REFERENCED HEREON.

REFERENCE

JOB NO.

PLAT # 7920

21-02

LIBERTY SURVEY, INC.
3020 BUFFALO ROAD
NEW WILMSON, MARYLAND

501-875-2784

21776