

5/23/00 PREINSTALLED
7/15/00
03-313387

PERMIT

SEWAGE DISPOSAL SYSTEM

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
410-313-2640

P 513390

A 38638

ISSUE DATE 4/17/2000

APPROVAL DATE 5/24/00

INDEXED

Fogle's Septic Clean, Inc.

IS PERMITTED TO INSTALL ☒ ALTER

ADDRESS 580 Obrecht Road, Sykesville, MD 21784 PHONE 410-795-5670

SUBDIVISION Willow Highlands LOT NUMBER 15 ADDRESS 1722 Willow Springs Drive

PROPERTY OWNER Thomas Conroy PROPERTY OWNER'S ADDRESS 30 Softwinds Court

SEPTIC TANK CAPACITY 1250 GALLONS Owings Mills, MD

PUMP CHAMBER CAPACITY GALLONS

** Top seamed tank required - Shallow system only!! **

NUMBER OF BEDROOMS 4

SQUARE FEET PER BEDROOM 180

LINEAR FEET OF TRENCH REQUIRED 240

TRENCHES: Trenches to be 3 feet wide. Inlet 2 feet below original grade. Bottom maximum depth 3.5 feet below original grade. 1.5 feet of stone below distribution box.

LOCATION: Place the distribution box 95 feet from the front lot line and 80 feet from the left lot line. Run trenches on contour in both directions. 3/2/00 O.R.B.

**BUILDING PERMIT SIGNED
AND RETURNED**

11-12-03 800144655-GARAGE

PLANS APPROVED Mark Rifkin DATE 3-1-2000

PERMIT VOID AFTER 2 YEARS

NOTE: CONTRACTOR RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS

NOTE: TOP OF SEPTIC TANKS ARE TO BE NO DEEPER THAN 3.0 FEET BELOW FINISH GRADE

NOTE: WATERTIGHT SEPTIC TANKS REQUIRED

NOTE: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS, 90° ELBOWS ARE NOT ACCEPTABLE

NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E. TANK, DISTRIBUTION BOX, DRAINFIELDS) TO BE 100 FEET FROM ANY WATER WELL UNLESS OTHERWISE SPECIFICALLY AUTHORIZED

NOTE: NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH UNLESS SPECIFICALLY AUTHORIZED

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

NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS

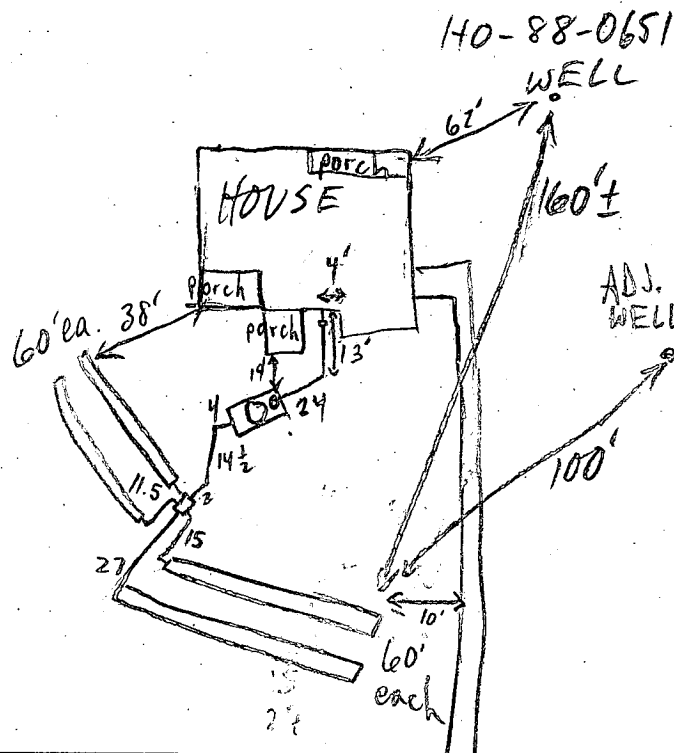
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

NOTE: IF PUMPED SEPTIC SYSTEM REQUIRED, (1) SEPTIC PUMP DETAIL TO BE PROVIDED BY INSTALLER PRIOR TO ISSUANCE OF SEPTIC PERMIT (2) PUMP PERFORMANCE TEST IS NECESSARY PRIOR TO HEALTH DEPARTMENT APPROVAL OF SEPTIC PERMIT

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE
SUCCESSFUL OPERATION OF ANY SYSTEM
PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT
CALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM

438638

NOT TO SCALE



TRENCH DATA

TRENCH WIDTH 3
TRENCH INLET DEPTH 2
TRENCH BOTTOM DEPTH 3.5
DEPTH OF STONE 1.5
NUMBER OF TRENCHES 4
TOTAL TRENCH LENGTH 240
ABSORBENT AREA 720
DISTRIBUTION BOX LEVEL OK
BAFFLE IN DISTRIBUTION BOX OK

SEPTIC TANK DATA TOP-SEALED

SEPTIC TANK 1250 GALLONS

MANHOLE RISER OK

6 INCH INSPECTION PORT OK
INLINE C/O OK

PUMP CHAMBER DATA

PUMP CHAMBER 1250 GALLONS

MANHOLE RISER OK

ALARM —

PUMP PERFORMANCE TEST —

PRE-CONSTRUCTION INSPECTION: 5/24/00 ^{#1} OK TO COVER. HOUSE TO TANK, CONTINUE;

D.B. 15' UPHILL OF DESIGNATED BOX LOCATION BY INSTALLER REQUEST-OK (MR)

INSPECTION COMMENTS: 5/24/00 ^{#2} OK TO COVER (MR)

INSPECTOR M. Ripkin

DATE SYSTEM APPROVED 5/24/00

PLAT IS OF BENEFIT TO A CONSUMER
 OFAR AS IT IS REQUIRED BY A LENDER
 INSURANCE COMPANY OR ITS AGENT IN
 CTION WITH CONTEMPLATED TRANSFER,
 CING, OR REFINANCING.

THIS PLAT IS NOT TO BE RELIED UPON FOR THE ESTABLISHMENT OR
 ATION OF FENCES, GARAGES BUILDINGS, POOLS, BUILDING ADDITIONS OR OTHER
 STING OR FUTURE IMPROVEMENTS.

THIS PLAT DOES NOT PROVIDE FOR THE ACCURATE IDENTIFICATION
 OF PROPERTY BOUNDARY LINES, BUT SUCH IDENTIFICATION MAY
 NOT BE REQUIRED FOR THE TRANSFER OF TITLE OR SECURING
 FINANCING OR REFINANCING.

4. ACCURACY OF BUILDING MEASUREMENTS: 0.1'
5. ACCURACY OF SETBACK DIMENSIONS: 0.2'
6. ACCURACY OF ELEVATIONS: 0.4'

THIS PROPERTY DOES NOT
 LIE IN A SPECIAL FLOOD
 HAZARD AREA PER
 HOWARD COUNTY FLOOD
 INSURANCE RATE MAP
 INDEX DATED: 4/2/07

WILLOW SPRINGS DRIVE
 (90' R/W)

R=560.00
 L=169.40



REVISED 10,000¢
 PRIVATE SEPTIC
 EASEMENT APPROVED
 BY HOWARD COUNTY
 HEALTH DEPT.

APPROVED 10,000¢ PRIVATE
 SEPTIC EASEMENT PER
 PLAT # 7920

LOT 14

5/23/00 AMENDED
~~ADJUSTED~~

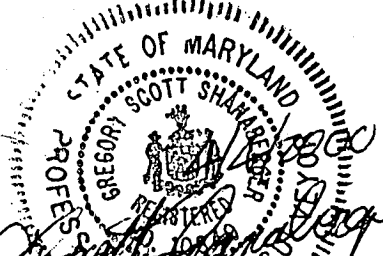
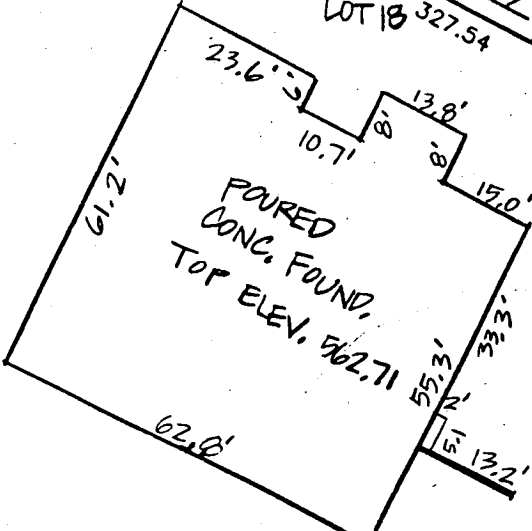
(MC) HOUSE LOC.
 OK

10,000¢
 PRIVATE SEWAGE
 EASEMENT
 FOR LOT 13

LOT 16

LOT 15
 3.181 Ac.±

LOT 18 327.54



CK 3298

#25

CR 31587

5/16/00

1 issued 5/29/00

To: Ms Avis Corbin,

In regards to Building Permit # B00122391
1722 Willow Springs, Sykesville, Md. we
would like to change the location of the
House according to the attached Plot Plan

Thank you
Debbie Costello
COSTELLO BUILDERS LLC

410-442-5644

cc: RASAP
Health Dept
DPZ

AMENDED HOUSE LOC OK

M. Rifkin

How. Co. Health

5/23/00

LOT 13 SEWAGE EASEMENT

PLAN
SCALE
1:60

DISTRIBUTION Box

EX GRADE	556.0	556.3
FIN. GRADE	556.0	556.3
INV. IN	554.0	554.5
INV. OUT	554.0	554.3

(LENGTH AND NUMBER TO BE DETERMINED
BY HOWARD COUNTY HEALTH DEPARTMENT)

	TRENCH #1	TRENCH #2
EX. GRADE	556.3	555.7
FIN. GRADE	556.3	555.7
INV. IN	554.3	553.7
LENGTH	100	100

NOTE: AN EJECTOR PUMP WILL BE NEEDED FOR
BSMT SERVICE.

Approved Septic System Plan
Howard County Health Department

Mark E. Rife
Signature

Total linear feet of trench
required 240 feet

Width of trench (c3) 3 feet

Depth of trench(es) 3.5 fms

Depth of stone required below
distribution pipe 1.5 feet

APPLICATION

PERCOLATION TESTING

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

A 38638

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
16801 WESLEY CHAPEL ROAD
ADDRESS MONKTON, MARYLAND 21111 PHONE 347-8700

PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION WILLOW SPRINGS ^{Highlands} GOLF COURSE LOT NO. 15

ROAD AND DESCRIPTION N/S U.S. RTE. 70 N AT LIVE STOCK ROAD

TAX MAP 9 & 15 PARCEL # 151 & 11

SIZE OF LOT 3.0 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 Thomas O'Dell
(SIGNATURE OF APPLICANT)

APPROVED BY S. C. Allen FOR Dep. Threshin DATE 6-2-87

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 4-13-87 Perc satisfactory - hold for subdivision Plat. S. Allen

THIS IS NOT A PERMIT

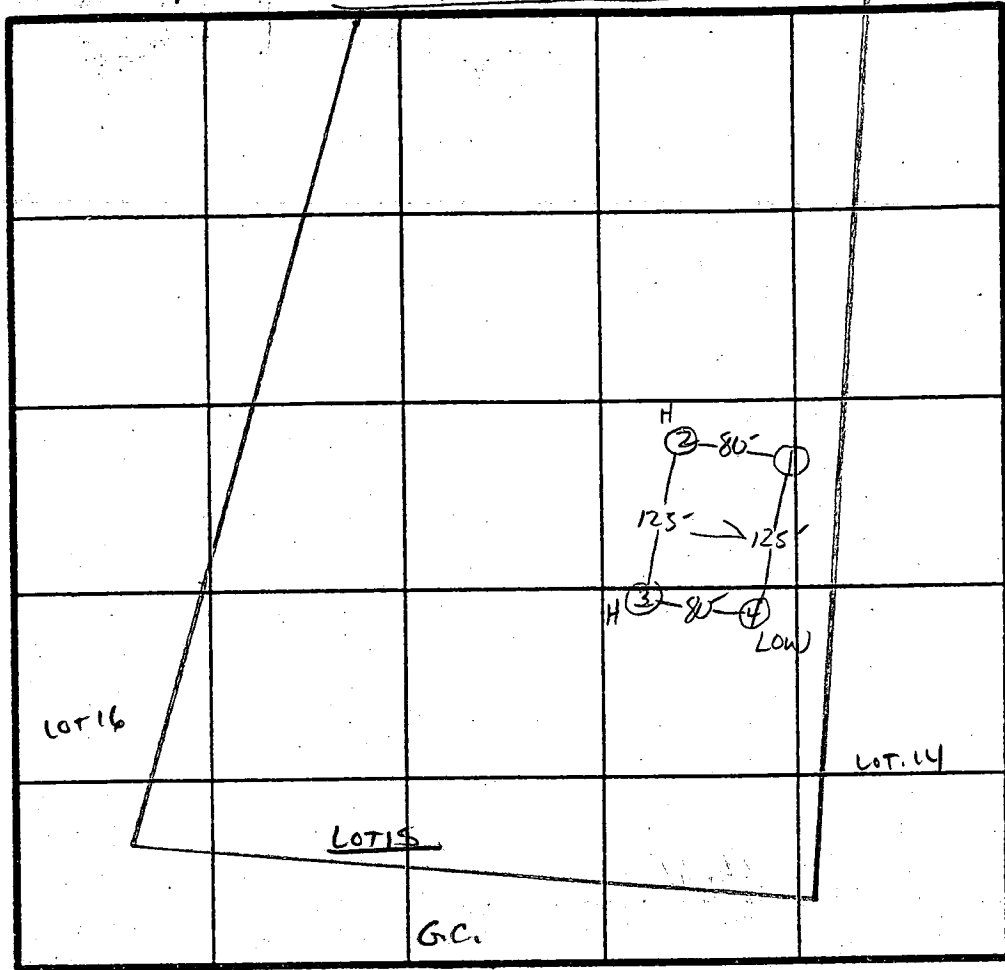
1N

Willow Sp. Ct

①-④
SOIL PROFILE

0"
10"
3.5-4'
13-14'

AP
Yellow Red
Silt loam
9-12% clay
20-25%
quartz frags
Yellow BA
Sandy silt
loam
20-25%
silt/clay
frags
micaceous



X Perc
5 min
Inlet 4-7.5
Bottom 7.5
100 #/br
45

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

RE 670

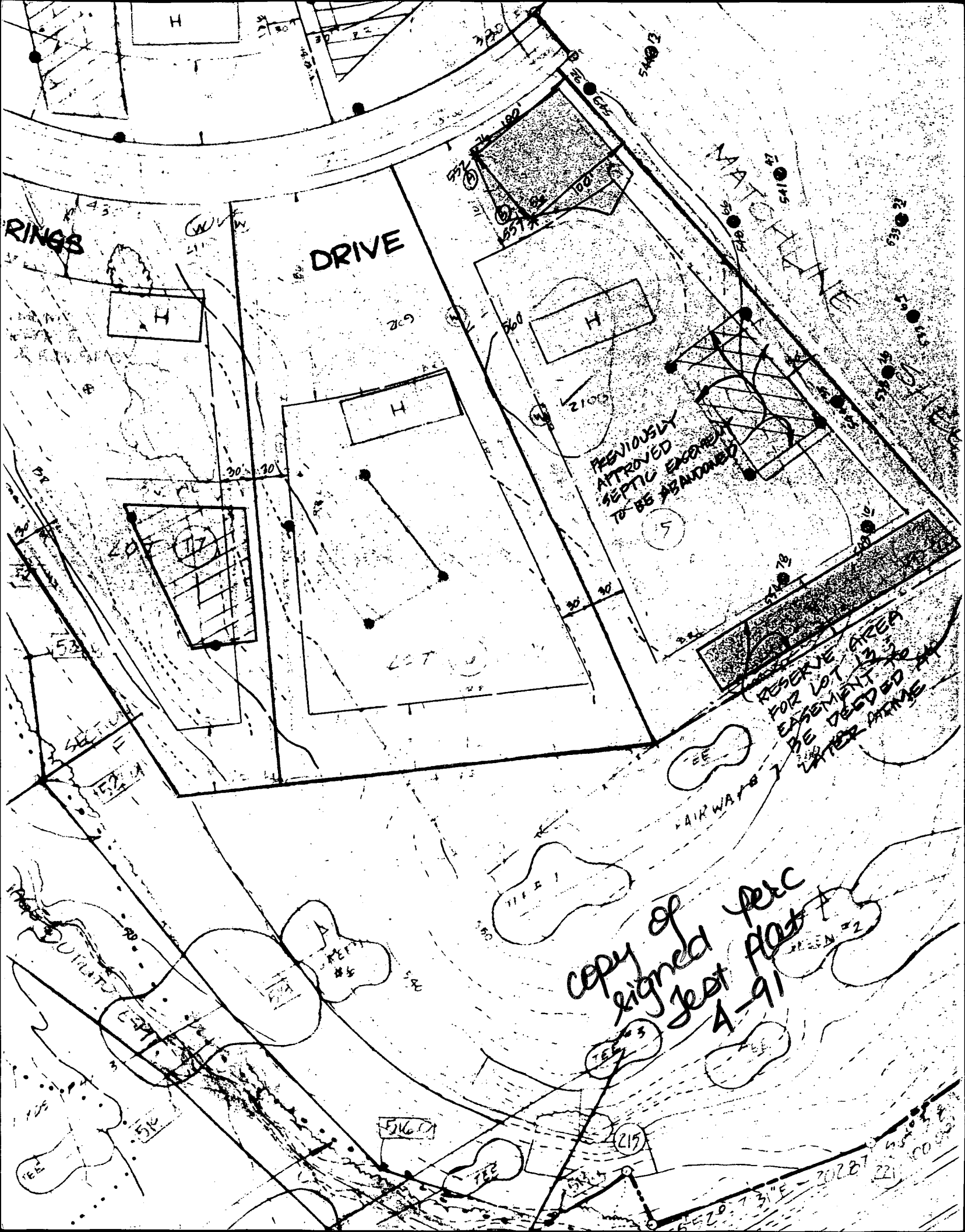
DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4/13/87	1 S V	4' 13'	10:26	10:30	10:30	10:36	6 min
	2 V	13' UNIFORM soil below 4'					
	3 S IM	3.5 7.5	10:38 10:37	10:40 10:39	10:40 10:39	10:44 10:43	4 min 4 min
	3 V	13.5' UNIFORM soil below 4'					
	4 S V	4' 14'	10:31	10:33	10:33	10:37	4 min

REMARKS HOLES PER PLAT

TYPE OF SOIL CHESTER LOAM

TESTED BY S. Abel ALSO PRESENT O-KETTERMAN

EH-12-1079

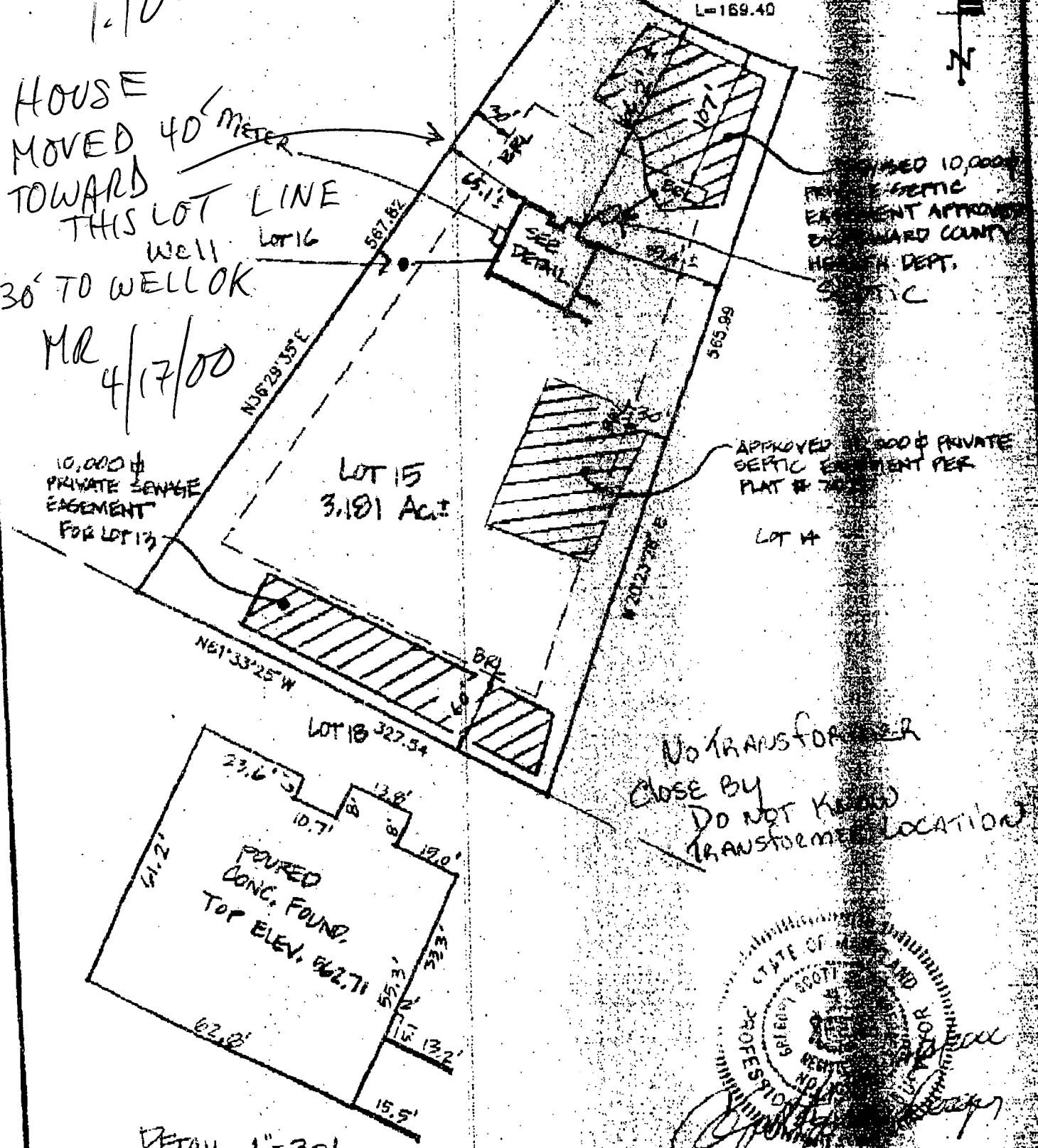


OF PROPERTY BOUNDARY LINES, BUT SUCH IDENTIFICATION MAY NOT BE REQUIRED FOR THE TRANSFER OF TITLE OR SECURING FINANCING OR REFINANCING.
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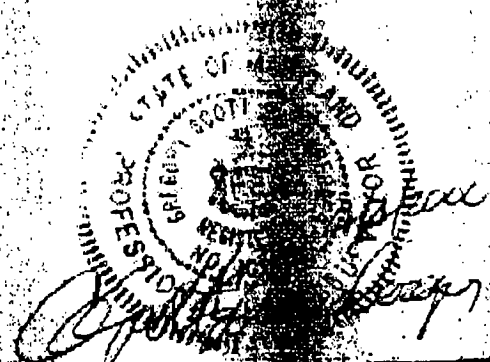
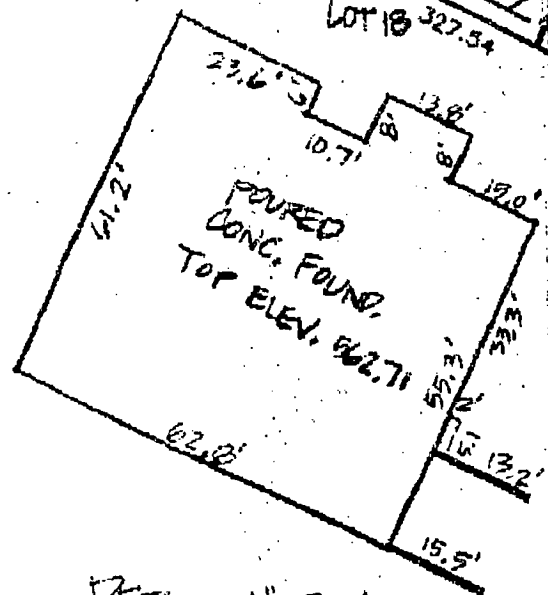
1:100

HOUSE
 MOVED 40' METER
 TOWARD
 THIS LOT LINE
 WELL LOT 16
 30' TO WELLOK
 MR 4/17/00

WILLOW SPRINGS DRIVE
 (50' R/W)
 R=560.00
 L=169.40



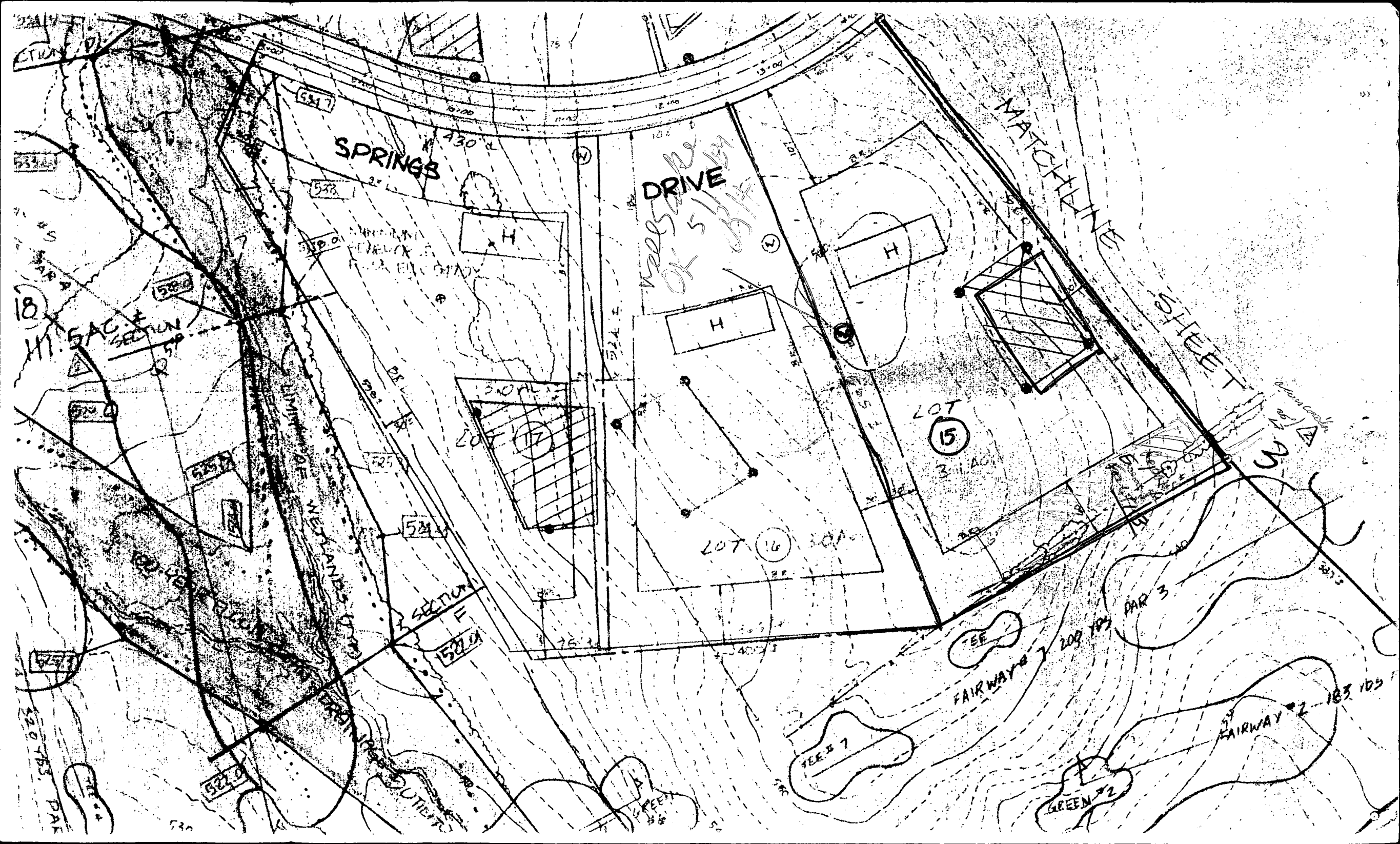
NO TRANSFORMER
 CLOSE BY
 DO NOT KNOW
 TRANSFORMER LOCATION



I HEREBY CERTIFY THAT I HAVE LOCATED THE IMPROVEMENTS AS SHOWN. THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY AND CANNOT BE USED TO ESTABLISH PROPERTY LINES OR CORNERS.

SHANABERGER & LINE

FOUNDATION LOCATION DRAWING
 LOT 15
 "WILLOW HIGHLANDS AT
 WILLOW SPRINGS GOLF COURSE"
 SHEET 3 OF 7 PLAT # 7920
 THIRD ELECTION DISTRICT HOWARD COUNTY, MARYLAND
 RECORD REFERENCE.



41

UTILITY EASEMENT AFFECTING LOTS 13, 14, AND 15
"WILLOW HIGHLANDS AT WILLOW SPRINGS GOLF COURSE"

This Declaration of Utility Easements is made this 10th day of May 1995, by WILLOW SPRINGS I LIMITED PARTNERSHIP, hereinafter referred to as the Declarant.

RECITALS

A. Declarant is the fee simple owner of Lots 13, 14, 15 and 18 as shown on the plats entitled, "Willow Highlands at Willow Springs Golf Course," which plats are recorded among the Land Records of Howard County, Maryland, at Plat Nos. 7916 through and including 7922.

B. Declarant and others established golf easements affecting Lots 13, 14 and 15 for a width of 50 feet on each respective lot, back and away from Lot 18, measuring perpendicularly from the said rear and/or adjacent lot lines which are contiguous with Lot 18, for a distance of 50 feet by virtue of a Declaration of Golf Easements for Lots 8, 9, 10, 11, 12, 13, 14, 15, 21 and 22 which Declaration is recorded among the Land Records of Howard County in Liber 2353, at folio 001; Declarant now desires and intends to establish within that same 50-foot golf course easement area a utility easement benefitting Lot 13 and affecting Lots 14 and 15.

NOW, THEREFORE, it is covenanted and agreed for the benefit of Lot 13, and therefore affecting Lots 14 and 15, that the following utility easements are hereby created, subject to and in accordance with all of the provisions of this Declaration of Utility Easements affecting Lots 13, 14 and 15.

20.00
2.00

1. Creation of Easements. Declarant does hereby create and establish the easements hereinafter set forth in this section, on and subject to the terms and conditions of this Declaration, and for the benefit of Lot 13; the easements so created shall be limited to that same 50-foot easement area which was established as a Golf Course Easement on or about July 1, 1991 by the aforementioned Declaration of Golf Easements for Lots 8, 9, 10, 11, 12, 13, 14, 15, 21 and 22 recorded among the Land Records of Howard County in Liber 2353, folio 001&c. Other lots and acreage parcels of land owned by the Declarant, although binding on said utility easements, shall have no benefit of the use thereof, unless specifically stated herein.

a. Lot 13 shall have the benefit of a utility easement through Lot 14 binding along the N 68 degree 35 minute 56 second W line of Lot 14 for a width of 20 feet, leading to the rear 50-foot Golf Easement area of

Lot 15 described in the aforementioned Declaration of Golf Easements for Lots 8, 9, 10, 11, 12, 13, 14, 15, 21 and 22, located along the N 61 degree, 33 minute, 25 second W line of Lot 15 for the purpose of installing beneath the ground surface a sewer/septic pipeline or conduit for the through flow of effluent to the Lot 15 reserve septic area herein created; further, within the rear 50 foot wide Golf easement area of Lot 15, there is created for the benefit of Lot 13 a reserve septic area of 10,000 square feet for use in the event that the designated septic area on Lot 13 becomes unusable and/or unacceptable to the Howard County Health Department for installation of a septic or sanitation sewer/drain field area on Lot 13.

2. Use of Utility Easements. The utility easements created by this document shall be used for the sole purpose of establishing a reserve septic system for the benefit of Lot 13, under the surface of Lots 14 and 15; specifically, the utility easements establish a reserve septic area of 10,000 square feet on Lot 15; access in an underground 20 foot wide corridor through the rear 50-foot Golf Easement area, aforementioned, of Lot 14, using said rear 20 foot corridor of Lot 14 for placement of an underground conduit from Lot 13 to Lot 15; access for maintenance and repair of any such systems or parts thereof installed in the designated easements of Lots 14 and 15; and for no other purpose.

3. Damage From Construction Installation/Maintenance/Repair. Any and all damage or disturbance to any lot or grading, seeding, plantings and/or structures thereon occasioned by or in connection with any construction, installation, maintenance and/or repair activity within the described easement, or otherwise, shall be repaired and restored to its original state by the person or entity which caused or authorized such disturbance or damage at its own sole cost and expense; the owners of Lot 13 shall ultimately be responsible for any damage to any surface or underground structures, including, but not limited to grading, seeding, plantings, structures or otherwise, existing from time to time on Lots 14 or 15 and caused in connection with any construction installation, maintenance, and/or repair activity pertaining to the easements created herein for the benefit of Lot 13.

4. Miscellaneous.

a. Benefit and Burden. The benefit and burden of each easement hereby created shall run with and bind upon title to the lots described and designated herein, and upon each owner thereof, his, her or its successors, heirs, personal representatives and assigns, from time to time, in perpetuity.

b. Binding Affect. This Declaration and all easements, covenants, restrictions, and agreements hereunder shall be

binding upon and shall enure to the benefit of the owners of the Lots, described herein, their respective successors, heirs, personal representatives and assigns. This Declaration shall create privity of contract and of estate with and among the owners of the Lots and all grantees of all or any part of the Lots, their heirs, successors, personal representatives and assigns.

c. Gender and Number. As used in this Declaration, the singular shall include the plural, the plural the singular, and the use of any gender shall be applicable to all genders.

d. Captions. The captions of this Declaration are inserted for convenience only and do not constitute a substantive portion of this Declaration.

IN WITNESS WHEREOF, this Declaration of Utility Easements has been duly executed as of the day and year first above written.

WILLOW SPRINGS I LIMITED
PARTNERSHIP
By: Willow Springs, Inc.
General Partner

ATTEST

J. E. Zhang
Secretary

By: Thomas C. Beach, III (SEAL)
Thomas C. Beach, III President

The mortgagees or trustees under Deeds of Trust of the Lots above described join in the execution of this Declaration for the purpose of evidencing their consent thereto.

ATTEST:

CARROLLTON BANK
(formerly known as
The Carrollton Bank
of Baltimore)

Iranna Teluk

Thomas C. Beach III
13343 Pipes Lane
P.O. Box 31
West Friendship MD 21794-0031

By: [Signature] (SEAL)
SENIOR Vice President
Mortgagee

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 # _____
Date _____

Name of Installer

JEFF WITZ

Telephone 410-239-2800

License Number

30018

Certified Well Pump Installer

Well Driller

Registered Plumber

☒

Name of Property Owner

LAURA & THOMAS LOONOY

Telephone 410-581-0984

Site Address

WILLOW HIGHLAND Lot # 15
1722 WILLOW SPRINGS

Well Tag #

Pump

1. Type

- a. Deep well jet
b. Shallow well jet ☒
c. Submersible ☒

2. Make

JOHNSON

3. Model #

1000000

4. Capacity

10 GPM

5. Does it exceed well capacity? Yes ☐ No ☒

6. Is there a 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

WALKER

2. Model #

3. Dep

48"

Tank

1. Capacity

30 GAL

2. Pressure relief

valve? ☒

Piping

1. Type

1" PLASTIC

2. Size

1"

3. NSF and/or BOCA

Code approved ☒

4. Depth of supply

line 48"

Well data

1. Depth

200 ft.

2. Yield

15 GPM

3. Static water

level 70 ft

4. Will water supply

be disinfected by

installer? ☒

6/5/00 O.K. to cover pitless.

Needs 2-piece cap. BB

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).

8/30/00 2-piece cap installed O.K. BB

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

Signature of Applicant

Date

Jeffrey Witz
6/14/00

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

C12489

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.

COUNTY
NUMBERA38638

DATE Received

DATE WELL COMPLETED060789

Depth of Well2216526
(TO NEAREST FOOT)

PERMIT NO.
FROM "PERMIT TO DRILL WELL"
H0-88-0651

OWNERWILLOW SPRINGS LTD

STREET OR RFDlast namefirst nameTOWNWest Friendship

SUBDIVISIONWILLOW HIGHLANDSSECTIONLOT 15

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

FROMTO

Check
if water
bearing

Top Soil02

Sandy234

Sandstone3440

MICKA4075

Sandstone7580

MICKA80165

GROUTING RECORD

WELL HAS BEEN GROUTED
(Circle Appropriate Box)

TYPE OF GROUTING MATERIAL

CEMENTCMBENTONITE CLAYBC

NO. OF BAGS10NO. OF POUNDS1000

GALLONS OF WATER60

DEPTH OF GROUT SEAL (to nearest foot)

from48TOP52ft. to40BOTTOM58ft.

(enter 0 if from surface)

CASING RECORD

casing
types
insert
appropriate
code
below

STEELCONCRETE
PLASTICOTHER

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

PL645

OTHER CASING (if used)

diameter depth (feet)
inch from to

SCREEN RECORD

screen type
or open hole
insert
appropriate
code
below

STEELBRASS
BRONZE
PLASTICOTHER

DEPTH (nearest ft.)

EACH SCREEN

1H043165

2

3

SLOT SIZE 123

DIAMETER OF SCREEN (NEAREST INCH)

5660

from to

CIRCLE APPROPRIATE LETTER
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. 273

DRILLERS SIGNATURE

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

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

T (E.R.O.S.) WQ

7072747576

TELESCOPE LOG OTHER DATA
CASING INDICATOR

C3

PUMPING TEST

HOURS PUMPED (nearest hour)3

PUMPING RATE (gal. per min. to nearest gal.)10

METHOD USED TO
MEASURE PUMPING RATEPuck

WATER LEVEL (distance from land surface)

BEFORE PUMPING21

WHEN PUMPING30

TYPE OF PUMP USED (for test)

AairPpistonTturbine

CcentrifugalRrotaryOother (describe below)

JjetSsubmersible

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
- below

LAND SURFACE (nearest foot)2

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)

ROAD

250'

50'

COUNTY

Well Permit No. HO - 88-0651
Location of property (road) Willow Sp.
Subdivision WILLOW HIGHLANDS Lot 15 Block Plat Sec.
Well Driller R Mayne Owner Willow Sp. Ltd.

I. High rate pumping -- reservoir drawdown

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

[illegible]

B	1	7961	SEQUENCE NO. (DP USE ONLY)	STATE OF MARYLAND PERMIT TO DRILL WELL please print or type	STATE PERMIT NUMBER HO-88-0651 <small>fill in this form completely</small>
<div style="display: flex; justify-content: space-between;"> <div style="width:45%;"> <p>Date Received (APA) 051089</p> <p>OWNER INFORMATION</p> <p>WILLOW SP LIMITED</p> <p>16801 WESTLEY CH RD</p> <p>MONKTON</p> </div> <div style="width:45%;"> <p>LOCATION OF WELL</p> <p>HOWARD</p> <p>WILLOW HIGHLANDS</p> <p>SECTION 1 LOT 15</p> <p>WEST FRIENDSHIP</p> <p>1 MI</p> </div> </div>					
<div style="display: flex; justify-content: space-between;"> <div style="width:45%;"> <p>DRILLER INFORMATION</p> <p>Ralph Mayne</p> <p>Ralph Mayne Well Drilling</p> <p>9120 Brown Church Rd. Mt Airy</p> <p>Ralph Mayne</p> </div> <div style="width:45%;"> <p>273</p> <p>77 License No. 80</p> <p>5/1/89</p> </div> </div>					
<p>WELL INFORMATION</p> <p>APPROX. PUMPING RATE (GAL. PER MIN.) 5</p> <p>AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500</p>					
<p>USE FOR WATER (CIRCLE APPROPRIATE BOX)</p> <p><input checked="" type="checkbox"/> D HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)</p> <p><input type="checkbox"/> F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)</p> <p><input type="checkbox"/> I INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)</p> <p><input type="checkbox"/> P PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)</p> <p><input type="checkbox"/> T TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)</p>					
<p>APPROXIMATE DEPTH OF WELL 150 FEET</p> <p>APPROXIMATE DIAMETER OF WELL 6" INCH</p>					
<p>METHOD OF DRILLING (circle one)</p> <p>BORED (or Augered) JETTED Jetted & DRIVEN</p> <p>AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary)</p> <p>CABLE REVERSE-ROTARY Drive-POINT</p> <p>other</p>					
<p>REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)</p> <p><input checked="" type="checkbox"/> N THIS WELL WILL NOT REPLACE AN EXISTING WELL</p> <p><input type="checkbox"/> Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED</p> <p><input type="checkbox"/> S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY</p> <p><input type="checkbox"/> D THIS WELL WILL DEEPM AN EXISTING WELL</p> <p>PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)</p>					
<p>Not to be filled in by driller (OEP USE ONLY)</p> <p>APPROP. PERMIT NUMBER</p> <p>FORCE INITIALS PERMIT NO. HO-88-0651</p>					
<p>SPECIAL CONDITIONS</p>					

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard **A38638**

COUNTY NAME **COUNTY NO.**

STATE SIGNATURE **DATE ISSUED 053189** **CO SIGNATURE Mark E. Rabin** **EXP. DATE 11/30/89**

NORTH GRID 540000 **EAST GRID 080900**

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

E 80X9

N 540

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

Sketch: Willow SP. DR. 250' well

NOTES:

1. THIS PLAT IS OF BENEFIT TO A CONSUMER ONLY INsofar AS IT IS REQUIRED BY A LENDER OR TITLE INSURANCE COMPANY OR ITS AGENT IN CONNECTION WITH CONTEMPLATED TRANSFER, FINANCING, OR REFINANCING.
2. THIS PLAT IS NOT TO BE RELIED UPON FOR THE ESTABLISHMENT OR LOCATION OF FENCES, GARAGES, BUILDINGS, POOLS, BUILDING ADDITIONS OR OTHER EXISTING OR FUTURE IMPROVEMENTS.
3. THIS PLAT DOES NOT PROVIDE FOR THE ACCURATE IDENTIFICATION OF PROPERTY BOUNDARY LINES, BUT SUCH IDENTIFICATION MAY NOT BE REQUIRED FOR THE TRANSFER OF TITLE OR SECURING FINANCING OR REFINANCING.
4. ACCURACY OF BUILDING MEASUREMENTS: 0.1'
5. ACCURACY OF SETBACK DIMENSIONS: 0.2'
6. ACCURACY OF ELEVATIONS: 0.4'

THIS PROPERTY DOES NOT
LIE IN A SPECIAL FLOOD
HAZARD AREA PER
HOWARD COUNTY FLOOD
INSURANCE RATE MAP
INDEX DATED 4/2/07

WILLOW SPRINGS DRIVE
(70' R/W)
R=560.00
L=169.40

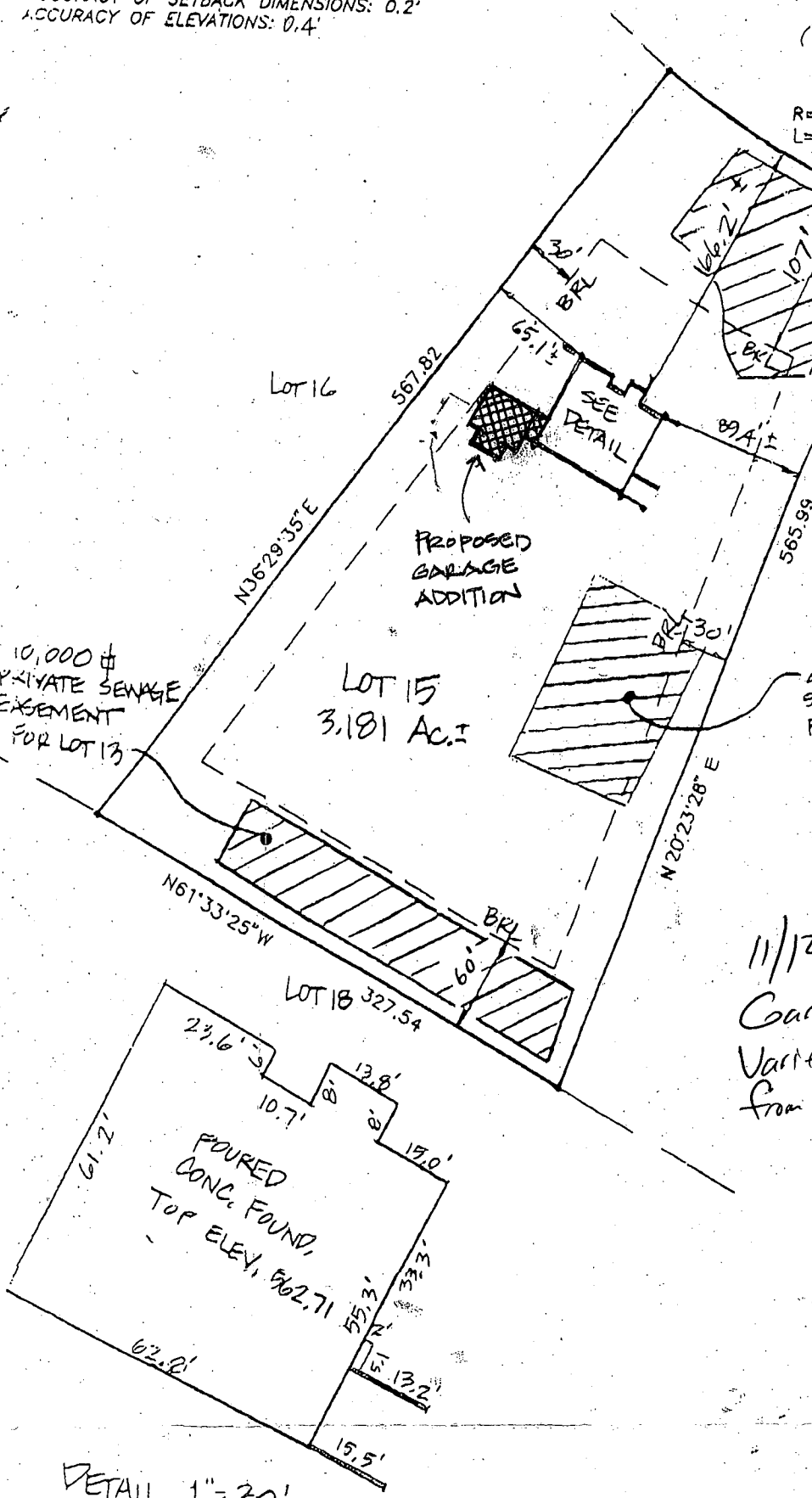


REVISED 10,000 ϕ
PRIVATE SEPTIC
EASEMENT APPROVED
BY HOWARD COUNTY
HEALTH DEPT.

APPROVED 10,000 ϕ PRIVATE
SEPTIC EASEMENT PER
PLAT # 7920

LOT 14
B00144655

11/12/03 JAB
Garage loc. O.K.
Variance to be 20'
from will granted



I HEREBY CERTIFY THAT I HAVE LOCATED THE IMPROVEMENTS AS SHOWN. THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY AND CANNOT BE USED TO ESTABLISH PROPERTY LINES OR CORNERS.

SHANABERGER & LANE
6728 TOWN AND COUNTRY BLVD.
SUITE 201
ELLICOTT CITY, MD. 21043
(410) 461-9563 FAX: (410) 461-9693

FOUNDATION LOCATION DRAWING
LOT 15

"WILLOW HIGHLANDS AT
WILLOW SPRINGS GOLF COURSE,
SHEET 5 OF 7" PLAT # 7920

THIRD ELECTION DISTRICT HOWARD COUNTY, MARYLAND
DEED REFERENCE:
SCALE: 1"=100'
DATE: MARCH 31, 2000
DATE OF LATEST FIELD WORK: MARCH 30 2000

38638
A36838
P513390
88-0651

2003 DEC 22 PM 1:49
RECEIVED
FBI - NEW YORK
COMMUNICATIONS SECTION