

03-313239

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH DISTRICT 3rd

HOWARD COUNTY

BUREAU OF ENVIRONMENTAL HEALTH
461-9933DATE 4/07/89DATE SYSTEM APPROVED 5/15/89INSPECTOR RH

INDEXED

Walter W. King Plumbing & Heating Contractors, Inc. IS PERMITTED TO INSTALL X ALTER ADDRESS 5305 King's Court, Frederick, Maryland 21701 PHONE 662-6990SUBDIVISION Willow Highlands ROAD 1709 Willow Springs Dr LOT 2PROPERTY OWNER Willow Springs Limited PartnershipADDRESS

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

GARBAGE GRINDER? YES X NO SEPTIC TANK CAPACITY 2000 GALLONS NUMBER OF BEDROOMS 4TRENCHES - 220 sq. ft. per bedroom with garbage disposal. Trench to be 3 feet wide.Inlet 3.5 feet below original grade. Bottom maximum depth 5.5 feet below original grade. Effective area begins at 3.5 feet below original grade.2.0 feet of stone below distribution pipe.LOCATION - Start the first trench 130 feet from the front lot line and 300 feet from the left lot line as seen when facing the lot from Willow Springs Drive. Run trenches on contour toward the left side of lot. MAINTAIN 100 FEET FROM WELL.NOTE - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK/CWPLANS APPROVED BY Sid Abel DATE 2/22/89

COVER NO WORK UNTIL INSPECTED AND APPROVED

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM

NOTE: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS

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

NOTE: IF DEEP TRENCHES ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCHES

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH.

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

PERMIT VOID AFTER TWO YEARS

NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER - CAST IRON, CONCRETE OR TERRA COTTA OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

BLDG. PERMIT SIGNED

AND RETURNED 5/9/89Serial # 37815 - finish basement + sun deck

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

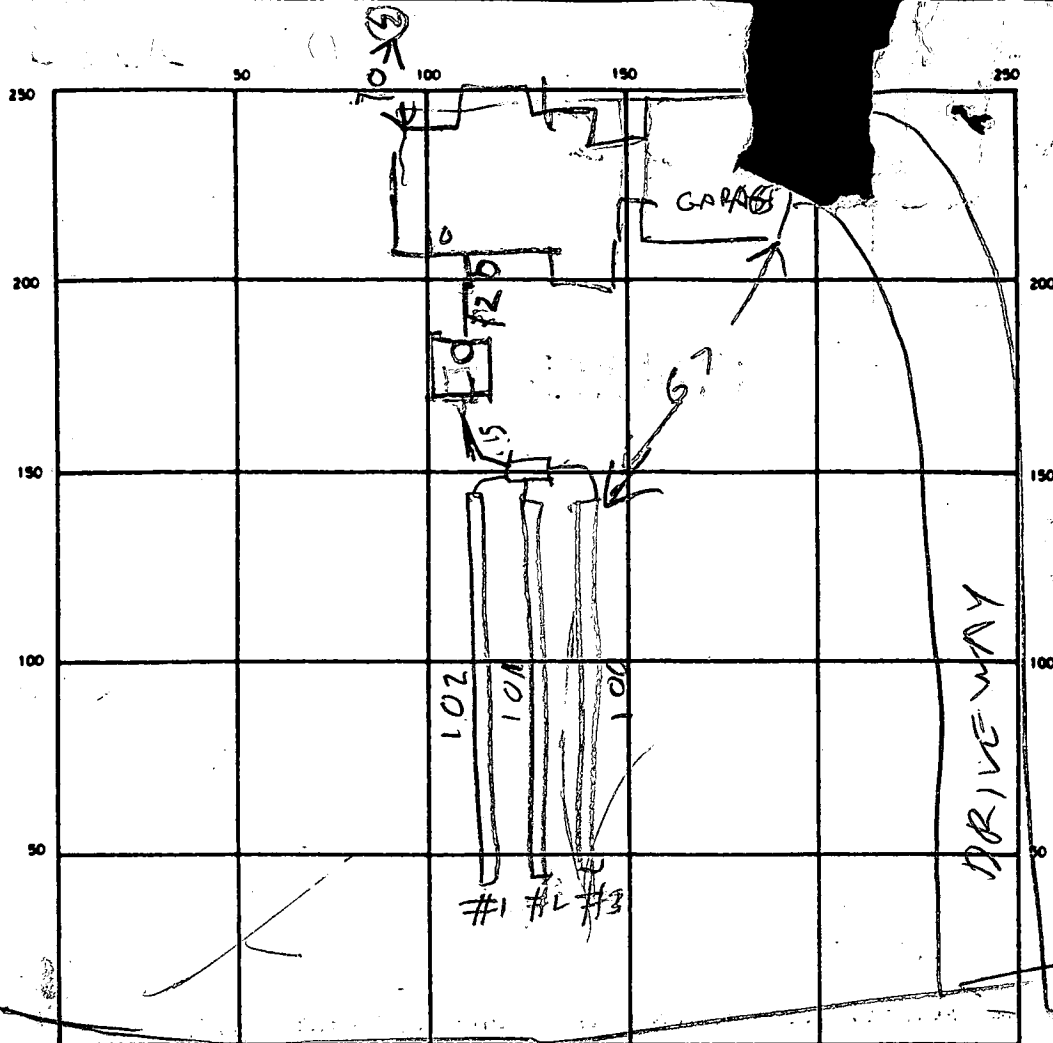
*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

HD-260

BLDG. PERMIT SIGNED

AND RETURNED 5/9/89Serial # 37815 - finish basement + sun deck

A 38625



INDICATE NORTH - NAME ADJOINING ROADWAY WAS BASE LINE DR
WILLOW 300' 0\"/>

SEPTIC TANK. LEVEL OK 2000

CLEANOUTS ST | HS
OK | OK

DISTRIBUTION BOX. LEVEL OK

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

EFFECTIVE GRAVEL DEPTH 2 1/2 FT. TOTAL LENGTH 102 | 101 | 100 FT 303

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 909 SQ. FT.

DRYWELL INSIDE DIAMETER FT EFFECTIVE DEPTH BELOW INLET FT.

ABSORBENT AREA SQ. FT.

REMARKS 5/09/89 No inspection; site check found large
piles of dirt in front where septic is to go; spoke
to (2) towns of Kings men at site. C.B.S.
5/15/89 LOCATION OK TRENCHES OK

DATE SYSTEM APPROVED 5/15/89

INSPECTOR Raymond Hodges

A 38625

SUBDIVISION: Willow Highlands

LOT NUMBER: 2

DRY WELL OR DRY WELL AND TRENCH

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

Inlet _____ sq. ft./bedroom
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 3.5 feet below original grade.Bottom maximum depth 5.5 feet below original grade.Effective area begins at 3.5 feet below original grade.2.0 feet of stone below distribution pipe.

180 sq. ft./bedroom
220 sq. ft./bedroom with
garbage disposal
484 BP

- 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 130 FT FROM THE FRONT LOT LINE AND
300 FT FROM THE LEFT LOT LINE AS SEEN WHEN FACING THE LOT
FROM WILLOW SPRINGS DR. RUN TRENCHES ON CONTAIN TOWARD THE
LEFT SIDE OF LOT. MAINTAIN 100 FT FROM WELL. S. C. 2-22-89

APPLICATION

PERCOLATION TESTING

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

A 38625

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 347-8700²²

PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION WILLOW ^{HIGHLANDS} SPRINGS GOLF COURSE LOT NO. 2

ROAD AND DESCRIPTION N/S U.S. RTE 70 N. AT LIVE STOCK ROAD
1709 Willow Springs Dr.

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 B. Pres.
(SIGNATURE OF APPLICANT)

APPROVED BY Sid Abel FOR Standard French DATE 2-28-89

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 4-13-87 Due unsatisfactory; hold for Subdivision plat. S. Abel

SEDG. PERMIT SIGNER
AND RETURNED 3-13-89
BP23865

THIS IS NOT A PERMIT

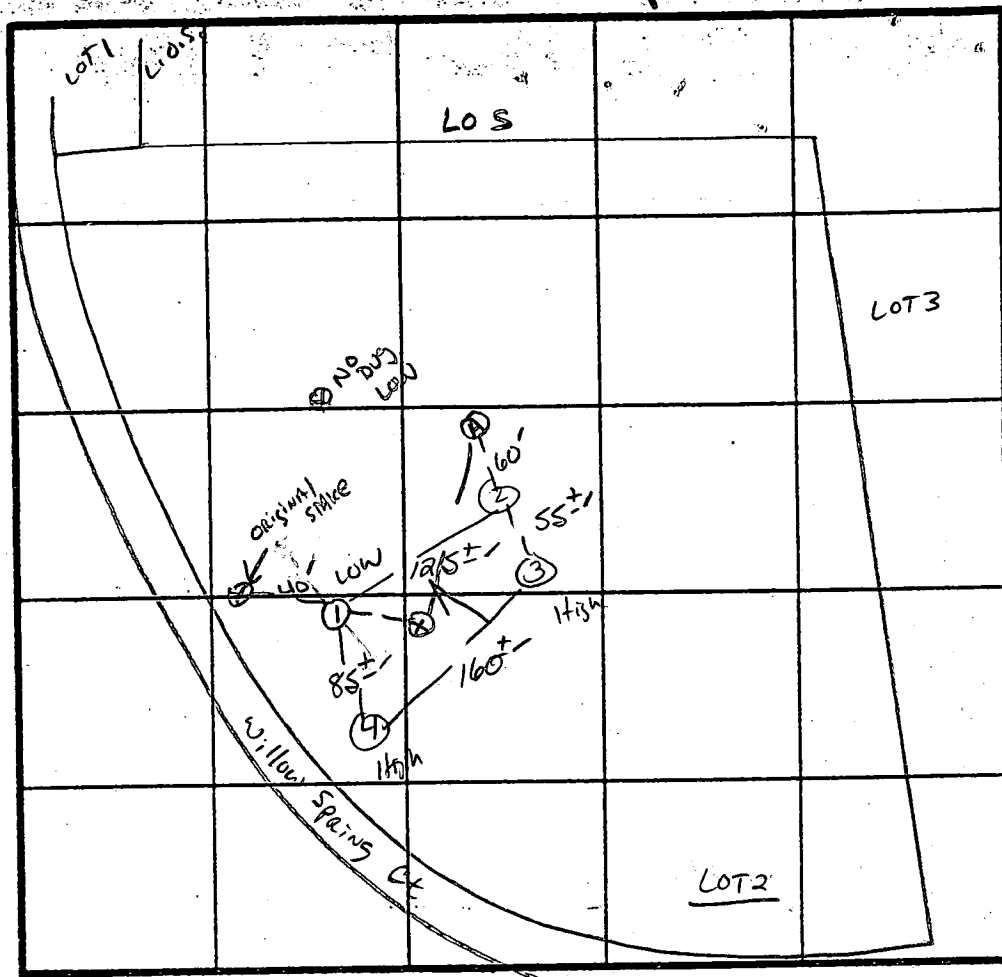
① - ④
SOIL PROFILE

0'
12"
3.5-4'
13'

AP
Yellow Red
Silt Lm.
12-15% CLAY
15-20% FINESS

Yellow Bc
Silt SAND
Lm
25-30%
FINESS

▽ HOLE 1



̄ PERC
6 MIN
180 ϕ BK
INLET 3.5
BOTTOM 5.5

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

↓ I 70

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4/13/87	1 S	3.5	11:55	11:59	11:59	2:06	7 MIN
	1 V	WATER AT 10.5'	UNIFORM		below 2.5' = 3.0'		
	2 S	4'	11:44	11:47	11:47	11:52	5 MIN
	2 V	13'	UNIFORM SOIL below		3.5'		
	3 S	3.5'	11:48	11:52	11:52	11:58	6 MIN
	3 V	7.5'	11:46	11:49	11:49	11:54	5 MIN
	3 V	13'	UNIFORM SOIL below		3.5'		
	4 V	12'	UNIFORM below		2.5'		
4/13/87	A -	SPRING WATER AT 7'					

REMARKS HOLES DIFF THAN PLAT / SHALLOW SYST. ONLY

TYPE OF SOIL Chester

TESTED BY S. Abu ALSO PRESENT O-KF TTERMAN

B 1 -7921

SEQUENCE NO.
(DP USE ONLY)STATE OF MARYLAND
PERMIT TO DRILL WELL

please print or type

STATE PERMIT NUMBER

HO-88-0420

fill in this form completely

Date Received (APA)

01/31/89

OWNER INFORMATION

WILLOW SP. LImited

16801 WestLEY CH RD

MCKKTON MD 21111

DRILLER INFORMATION

Ralph MAYNE 273

Ralph Mayne (Well Drilling)

9120 Brown Church Rd. Mt Airy

Ralph Mayne 1/24/89

WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 5

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500

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" 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

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 DEEPMED AN EXISTING WELL

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

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

APPROX. PERMIT NUMBER GAP

FORCE SA WRITE INITIALS PERMIT No. HO-88-0420

SPECIAL CONDITIONS

LOCATION OF WELL

HOWARD

WILLOW HIGHLANDS

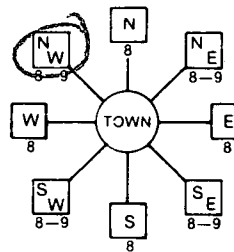
SECTION 44 LOT 2

WEST FRIENDSHIP

MILES FROM TOWN (enter 0 if in town) 1 MI

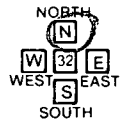
B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



WILLOW Spring DR.

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



DISTANCE FROM ROAD 300

ENTER FT or MI 4+

NOT TO BE FILLED IN BY DRILLER
HEALTH DEPARTMENT APPROVAL

Howard A-38625

STATE SIGNATURE INSERT S

DATE ISSUED 02/22/89

NORTH GRID 541000 EAST GRID 0808000

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

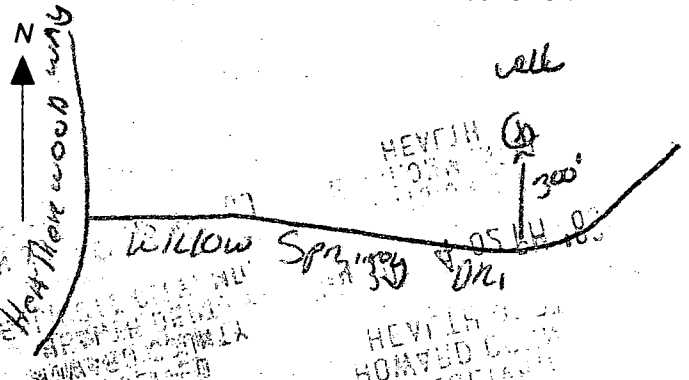
SOURCES OF DRILLING WATER

- well
-
-

WRITE THE BOX NUMBER FROM THE MAP HERE

8008
5401

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



REVIEWED BY

Maryland Well Permit No. HO-88-0430 Owner or Applicant Willow Springs Limited

Location of Property (road) off Willow Springs Dr

Subdivision Willow High Lands

Lot 2 Block Plat Sec.

Depth of Well 185'

Height of Measuring Point Above Ground 3 ft

Static Water Level Below Measuring Point 16 *AS*

Test Started At 10:45 pumping 126pm total TIME 15min to reach 20 ft

The first entry in the table must be when you begin the drawdown. Enter all appropriate information. Indicate when the drawdown phase ends and the recovery test begins.

[illegible]

I hereby certify that the yield test was conducted as described in State Health Department Regulations COMAR 10.17.13.070. *for G. Adams*

Signature of Well Driller

50K casing
40 open 29 Bays

C1 8420 SEQUENCE NO. (DENV USE ONLY)
1 2 3 6
(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

DATE Received

DATE WELL COMPLETED

Depth of Well

PERMIT NO.
FROM "PERMIT TO DRILL WELL"

8 13

15 20

22 26
(TO NEAREST FOOT)

28 29 30 31 32 33 34 35 36 37
40-88-0420

OWNER Willow Springs Limited
STREET OR RFD last name first name TOWN West Friendship
SUBDIVISION Willow Springs SECTION 1 LOT 1

WELL LOG

Not required for driven wells

STATE THE KIND OF FORMATIONS
PENETRATED, THEIR COLOR, DEPTH,
THICKNESS AND IF WATER BEARING

DESCRIPTION (Use
additional sheets if needed) FEET
FROM TO Check
if water
bearing

Top Soil 0 2
Sandy 2 40
Sand Stone 40 45
MICA 45 75
Sand Stone 75 80
MICA 80 165
Sand Stone 165 170
MICA 170 185

GROUTING RECORD

WELL HAS BEEN GROUTED
(Circle Appropriate Box) yes ☒ no ☐
TYPE OF GROUTING MATERIAL
CEMENT ☒ BENTONITE CLAY ☐
NO. OF BAGS 29 NO. OF POUNDS 700
GALLONS OF WATER 125
DEPTH OF GROUT SEAL (to nearest foot)
from 0 ft. to 90 ft.
(enter 0 if from surface)

CASING RECORD

casing
types
insert
appropriate
code
below
STEEL CONCRETE
PLASTIC OTHER
MAIN Casing Nominal diameter Total depth
TYPE top (main) casing of main casing
(nearest inch) (nearest foot)
☒ ☐ ☐ ☐ ☐ ☐
60 61 63 64 66 70

OTHER CASING (if used)

diameter depth (feet)
inch from to
☐ ☐ ☐ ☐

screen type
or open hole

SCREEN RECORD

insert
appropriate
code
below
STEEL BRASS OPEN
HOLE
PLASTIC BRONZE OTHER

C2

DEPTH (nearest ft.)
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21
H0 47 185
2 23 24 26 30 32 36
3 38 39 41 45 47 51

SLOT SIZE 1 2 3

DIAMETER OF SCREEN (NEAREST INCH)
☐ ☐ ☐ ☐ ☐ ☐

from to

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

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

T (E.R.O.S.) WQ
70 72 74 75 76
TELESCOPE LOG OTHER DATA
CASING INDICATOR

C3

PUMPING TEST

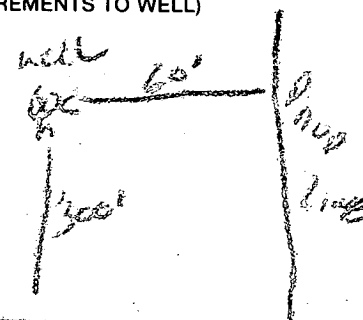
HOURS PUMPED (nearest hour) 3
PUMPING RATE (gal. per min. to nearest gal.) 12
METHOD USED TO MEASURE PUMPING RATE Rocket
WATER LEVEL (distance from land surface)
BEFORE PUMPING 14
WHEN PUMPING 20
TYPE OF PUMP USED (for test)
☒ air ☐ piston ☐ turbine
☐ centrifugal ☐ rotary ☐ other (describe below)
☐ jet ☒ submersible

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) 31 35
PUMP HORSE POWER 37 41
PUMP COLUMN LENGTH (nearest ft.) 43 47
CASING HEIGHT (circle appropriate box
and enter casing height)
☒ above } LAND SURFACE (nearest foot)
☐ below }

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. 273
North Mays
DRILLERS SIGNATURE
(MUST MATCH SIGNATURE ON APPLICATION)

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

COUNTY

6/29/89

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 X
Replacement _____

Receipt # 104318
Date 5/11/89

Name of Installer W.W.King Plbg. & Htg. Contr., Inc.

Telephone 1-301-662-6990

License Number 2217

Certified Well Pump Installer _____ Well Driller _____ Registered Plumber X

Name of Property Owner Pulte Homes Corp

Telephone 1-301-921-8707

Subdivision Willow Springs Lot # x 2

Well Tag # HO - 88 - 0407

Site Address 1709 Willow Springs Dr.

0420

Pump

- Type
 - Deep well jet _____
 - Shallow well jet _____
 - Submersible X
- Make Goulds
- Model # 7EH07422
- Capacity 7 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 X Other _____

Motor

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

Pitless Adapter

- Make Martinson
- Model # BP-10X
- Depth 42" min
60" max

Tank

- Capacity 80
- Pressure relief valve? yes

Piping

- Type plastic 150#
- Size 1"
- NSF and/or BOCA Code approved X
- Depth of supply line 42" min
60" max

Well data

- Depth 185 ft.
- Yield 12 GPM
- Static water level _____ ft.
- Will water supply be disinfected by installer? yes

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: Walter W. King

Date: 5-18-89

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

Page _____ of _____
Date _____

Review

Brout 9:30

Well Permit No. HO - 88-0420
Location of property (road) Willow Springs DR.
Subdivision Willow Highlands Lot 2 Block Plat Sec.
Well Driller L. MAYNE Owner Willow SD. LTD PART

Depth of well 185'
Distance of measuring point (M.P.) above ground 3
Static water level (S.W.L.) below M.P. 16

Time pump started 10:45 Pumping rate 12 GPM
Total time 15 min to reach pumping water level 12 ft. below M.P.

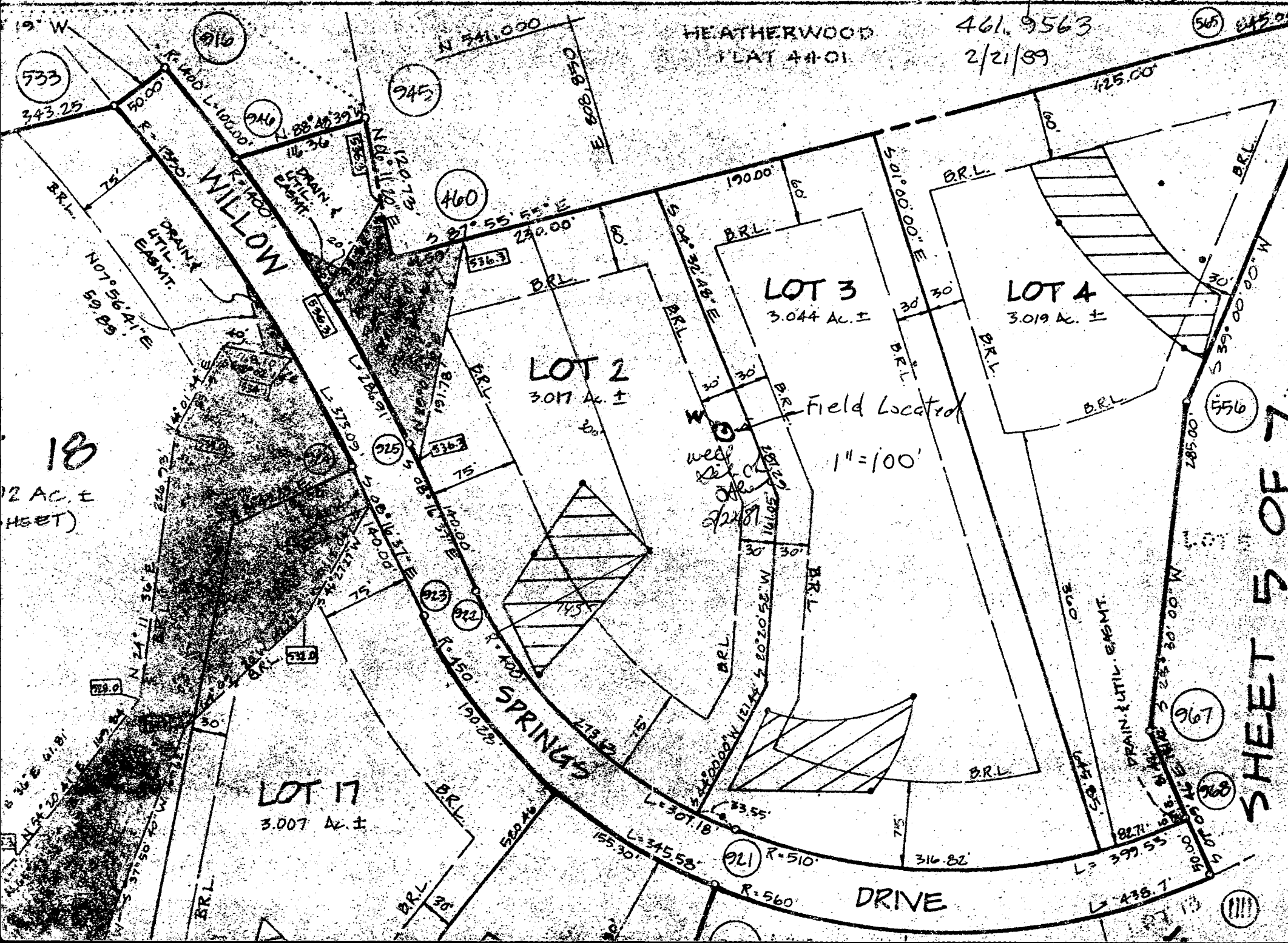
[illegible]

Shanaberger & Lane

HEATHERWOOD
FLAT 44-01

461,9563

2/21/89



SHEET 5 OF 7

HOWARD COUNTY HEALTH DEPARTMENT
Bureau of Environmental Health
3525-II Ellicott Mills Drive
Ellicott City, MD 21043
461-9933

APPLICATION FOR SEPTIC PERMIT

New Installation ☒

Date 4/4/89

Replacement ☐

Name of Installer WALTER W. KING PLBG

License # 2217

Telephone Number 1-301-662-6990

Registered Plumber ☒

Name of Property Owner PULTE HOMES

Telephone Number 1-301-921-8707

Sub-Division WILLOW HIGHLANDS/WILLOW SPRINGS Lot: 2

Site Address 1709 WILLOW SPRINGS DR
SYKESVILLE 21784

Number of Bedrooms 4

Garbage Disposal ☒ yes ☐ no

Signature of Applicant

Walter W King

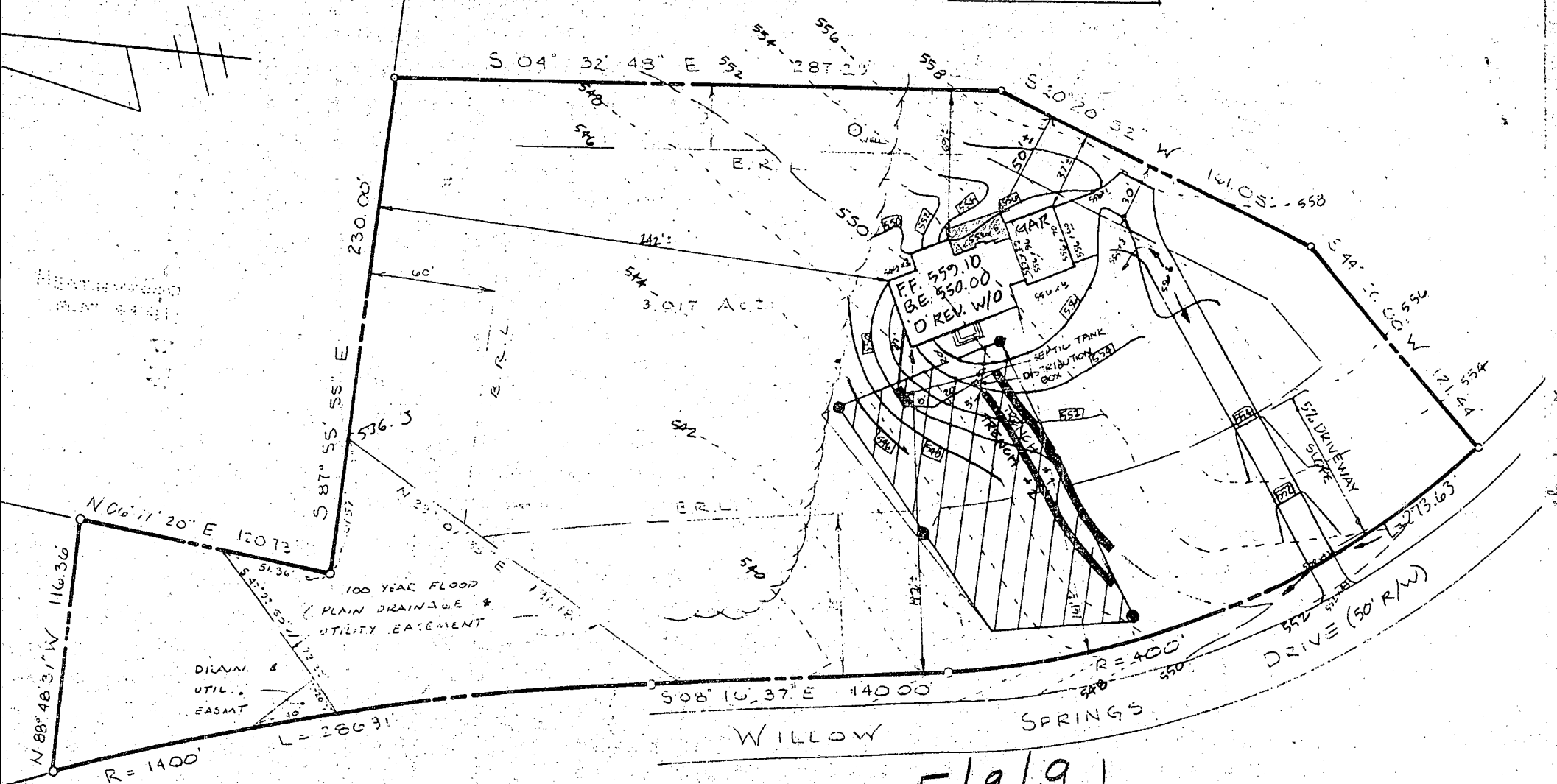
Date

4-4-89

FASINSKI RESIDENCE
1709 WILLOW SPRINGS DR.
SYKESVILLE, MD 21784

PROPOSED SUN. DEC.
480 SQ. FT.

EXISTING DWELLING



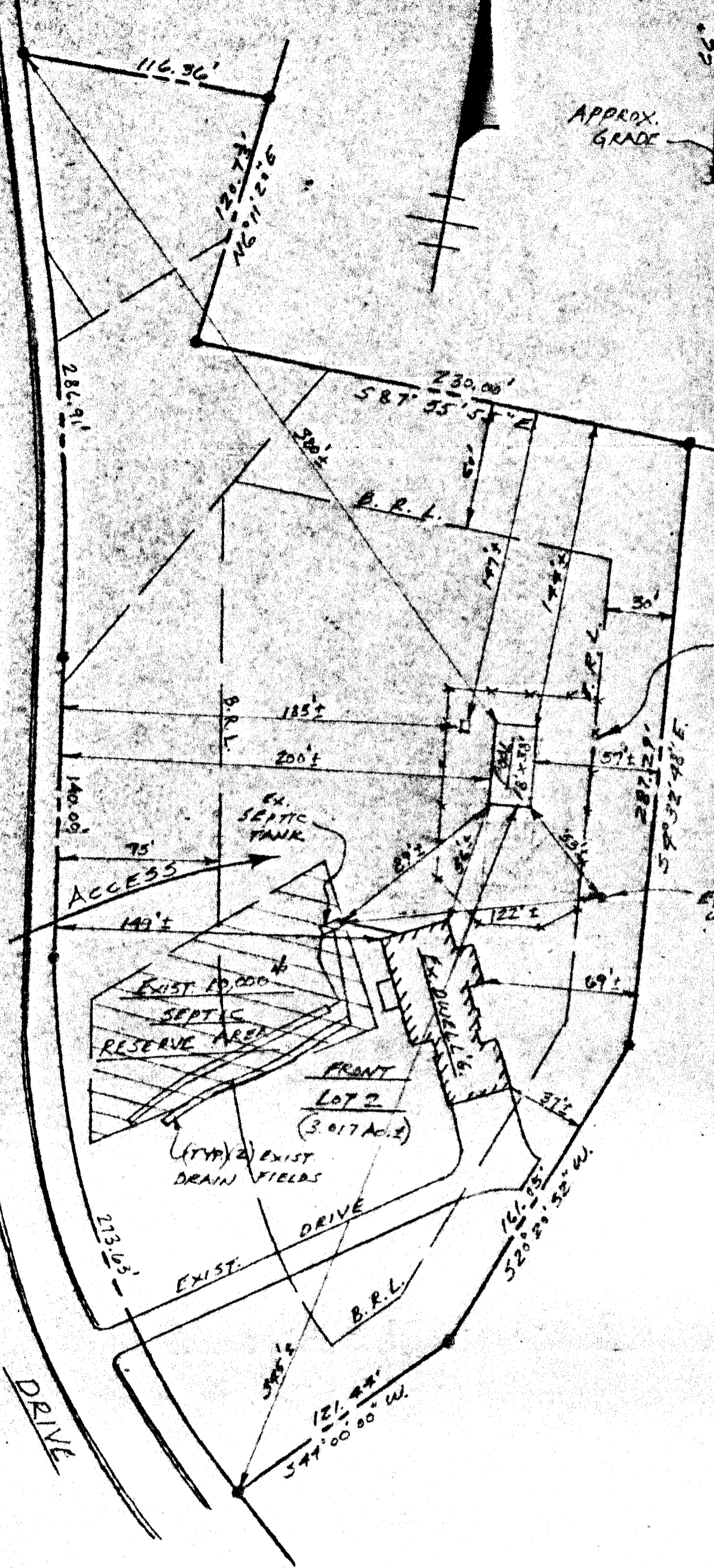
5/9/91
PLANS OK
R.H.

WILLOW

SPRING

DRIVE

APPROX.
GRADE



SITE PLAN

SCALE: 1"=50'

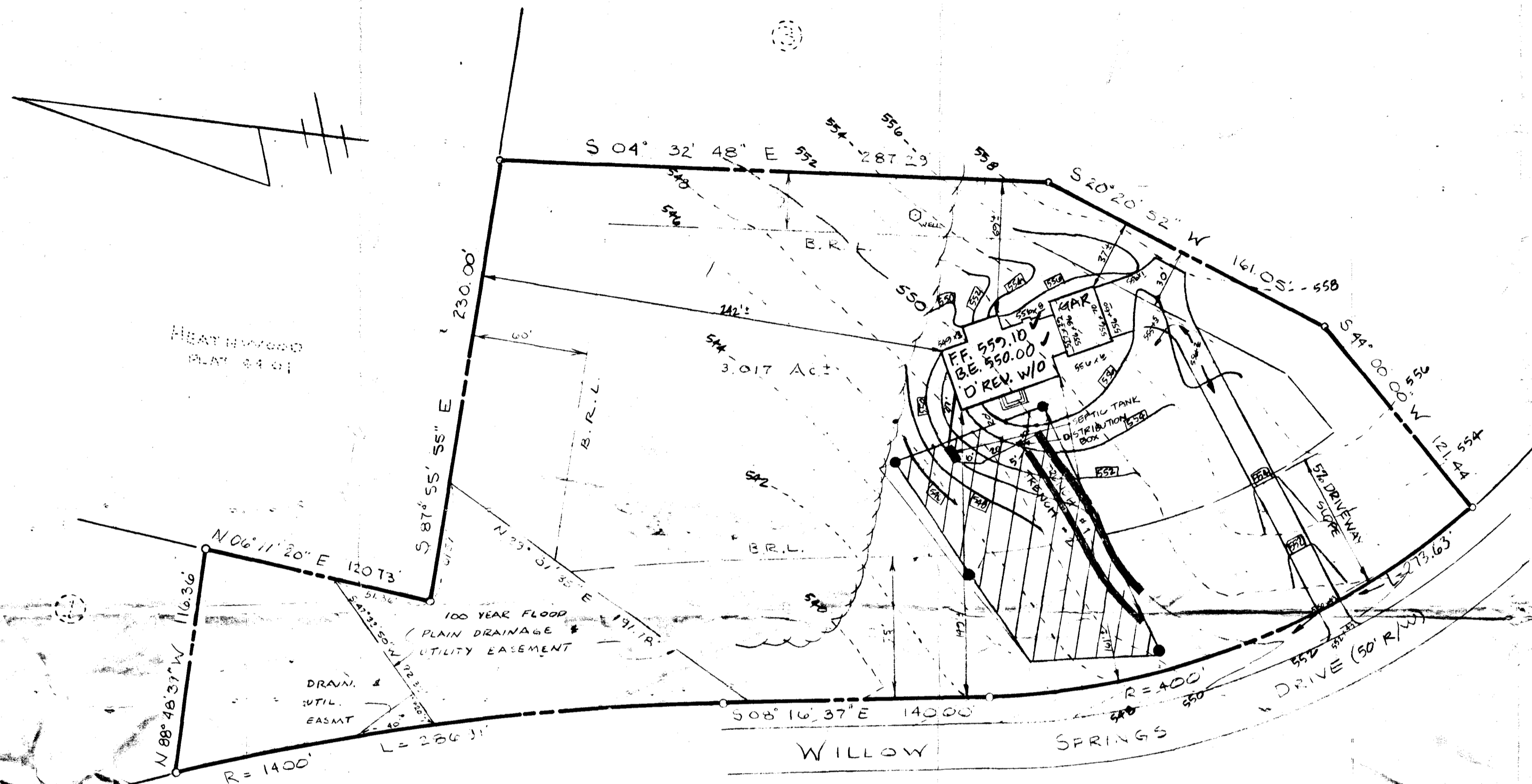
1709 WILLOW SPRING DR.

5/9/91 HOWARD COUNTY, MD. 21784

PLANS O/K

R 11

REVISIONS				
REV. NO.	DATE	REVISION REQUESTED BY	REVISION MADE BY	REVISION
1	2/24/89	PULTE HOMES	SHANABERGER & LANE	RELOCATE HOUSE
2	2/28/89	PULTE	SHANABERGER & LANE	576 DRIVEWAY, RELOCATE SEPTIC TANK



SEPTIC SYSTEM DATA

INV @ HOUSE	547.5 ✓	+ BSM	
<u>SEPTIC TANK</u>			
EX. GRADE	547.0 ✓		
FIN. GRADE	550.0 ✓		
INV. IN	547.2 ✓		
INV. OUT	546.9 ✓		
<u>DISTRIBUTION BOX</u>			
EX. GRADE	549.0 ✓		
FIN. GRADE	554.0 ✓		
INV. IN	546.6 ✓		
INV. OUT	546.6 ✓		
<u>TRENCHES</u> (LENGTH AND NUMBER TO BE DETERMINED BY HOWARD CO.)			
	TRENCH #1	TRENCH #2	
EX. GRADE	550.0 ✓	549.0 ✓	
FIN. GRADE	555.0-550.0 ✓	554.0-549.0 ✓	
INV. IN	546.5 ✓	545.5 ✓	

NOTE: GRAVITY SEWER SERVICE TO BASEMENT FLOOR IS POSSIBLE ✓
BY RUNNING SEWER CONNECTION UNDER FOOTING.

OWNER: PULTE HOME CORPORATION

7080 GAITHER ROAD
GAITHERSBURG, MARYLAND 20877
(301) 921-8707

MDG. PERMIT SIGNED
AND RETURNED 3-13-89
SP 23815
SM

SITE PLAN
LOT 2
WILLOW HIGHLANDS AT
WILLOW SPRINGS GOLF COURSE

PLAT # 7918
3rd ELECTION DISTRICT
HOWARD COUNTY, MD
SCALE: 1"=50'
DATE: FEB. 15, 1989

SHANABERGER & LANE
8726 TOWN & COUNTRY BLVD.
SUITE 107
ELLICOTT CITY, MD 21043
(301) 461-9563