

03-313263

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH DISTRICT

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

DATE 4/3/91

DATE SYSTEM APPROVED 5-9-91

INSPECTOR JEN

INDEXED

*Time Expired for
F.C.O.P. Compliance

Walter King, Plumbing and Heating Contractors, Inc. IS PERMITTED TO INSTALL ☒ ALTER

ADDRESS 5305 King's Court, Frederick, Maryland 21702 PHONE

SUBDIVISION Willow Highlands ROAD 1735 Willow Springs Dr. LOT 5

PROPERTY OWNER Pulte Homes / JACKIE MARTIN

ADDRESS

~~IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 60% AND ABSORPTION AREA BY 12%~~

~~GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 60% AND ABSORPTION AREA BY 12%~~

SEPTIC TANK CAPACITY 1500
1250 GALLONS NUMBER OF BEDROOMS 5

180
4/9/90
225 ft trench

TRENCHES - 180 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 4.5 feet below original grade. Bottom maximum depth 8.5 feet below original grade. Effective area begins at 4.5 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Start the first trench 200 feet from the left rear lot line and 85 feet from the left lot line as seen when facing the lot from Willow Springs Dr. Run trenches on contour in both directions.

NOTE - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above septic tank. GK/(C.)

PLANS APPROVED BY Sid Abel/Craig Williams cm DATE 03/19/90

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

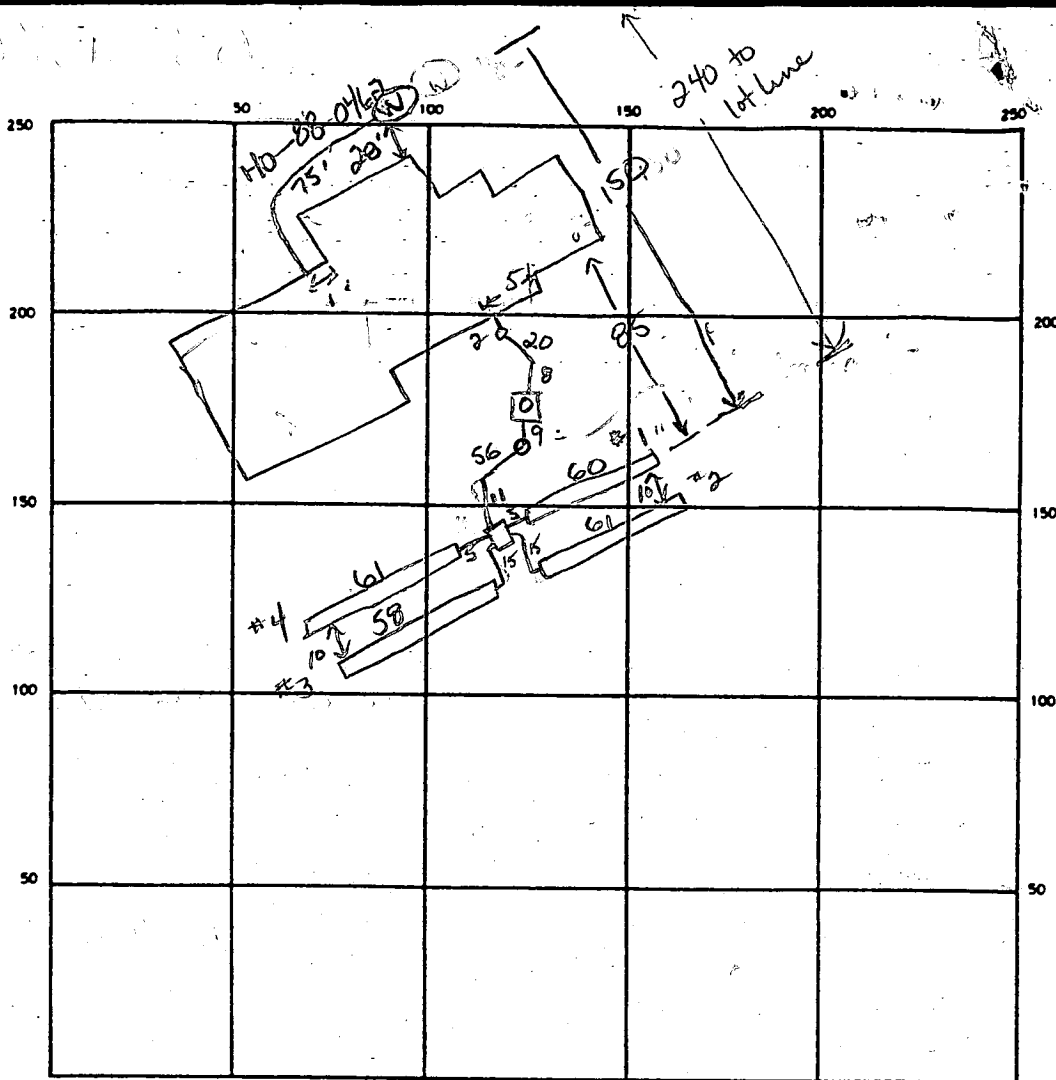
AND RETURNED 4/2/92

Serial # BM 104728
dick + gazabo.

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

A 38628



INDICATE NORTH — NAME ADJOINING ROADWAY AS BASE LINE

Willow Springs Drive

SEPTIC TANK. LEVEL 1500 gal CLEANOUTS 2 in sewer line, 1 on septic tank

DISTRIBUTION BOX. LEVEL ok (with baffles)

① ② ③ ④	① ② ③ ④
DRAIN FIELD TILE FIELD. DEPTH <u>8.5 8.5 8.5</u> TRENCH WIDTH <u>2</u> FT. INLET DEPTH <u>40 40 40 40</u>	
① ② ③ ④	① ② ③ ④

EFFECTIVE GRAVEL DEPTH <u>4.5 4.5 4.5 4.5</u> FT. TOTAL LENGTH <u>60 61 50 61</u> FT.	
① ② ③ ④	① ② ③ ④

NUMBER OF TRENCHES 4 ONE SIDEWALL BOTTOM AREA 270 274 274 274 SQ. FT.

DRYWELL INSIDE DIAMETER _____ FT. EFFECTIVE DEPTH BELOW INLET _____ FT.

ABSORBENT AREA 1079 SQ. FT.

REMARKS #1/24/91 VISITE SITE TALKED TO SEPTIC CONTACTOR. DECIDED

RETREAT OR PUMP NEEDED IF BASEMENT TOILET INSTALLED RN
5-7-91 OK to stone trenches, add pipe & paper. OK to cover to tank
and between dist. box and septic tank. JEN 5-9-91 OK to
cover all work. JEN

DATE SYSTEM APPROVED 5-9-91

INSPECTOR James E. Hadden

APPLICATION

PERCOLATION TESTING

A 38628

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 Pulte Home Corp.
16801 WESLEY CHAPEL ROAD
ADDRESS MONKTON, MARYLAND 21111 PHONE 921-8707
347-8700

PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Highlands
WILLOW SPRINGS GOLF COURSE LOT NO. 5

ROAD AND DESCRIPTION N/S U.S. RTE 70 N AT LIVE STOCK ROAD
1735 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. WILLOW SPRINGS INC Gen Partner
By [Signature]
(SIGNATURE OF APPLICANT) Pulte

APPROVED BY Sid Alul FOR Deep trenches DATE 5-22-87

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 4-13-87 Perc Satisfactory; hold for subdivision plat.

BLDG. PERMIT SIGNED

AND RETURNED 1/16/91
Serial # 36201

SFD-

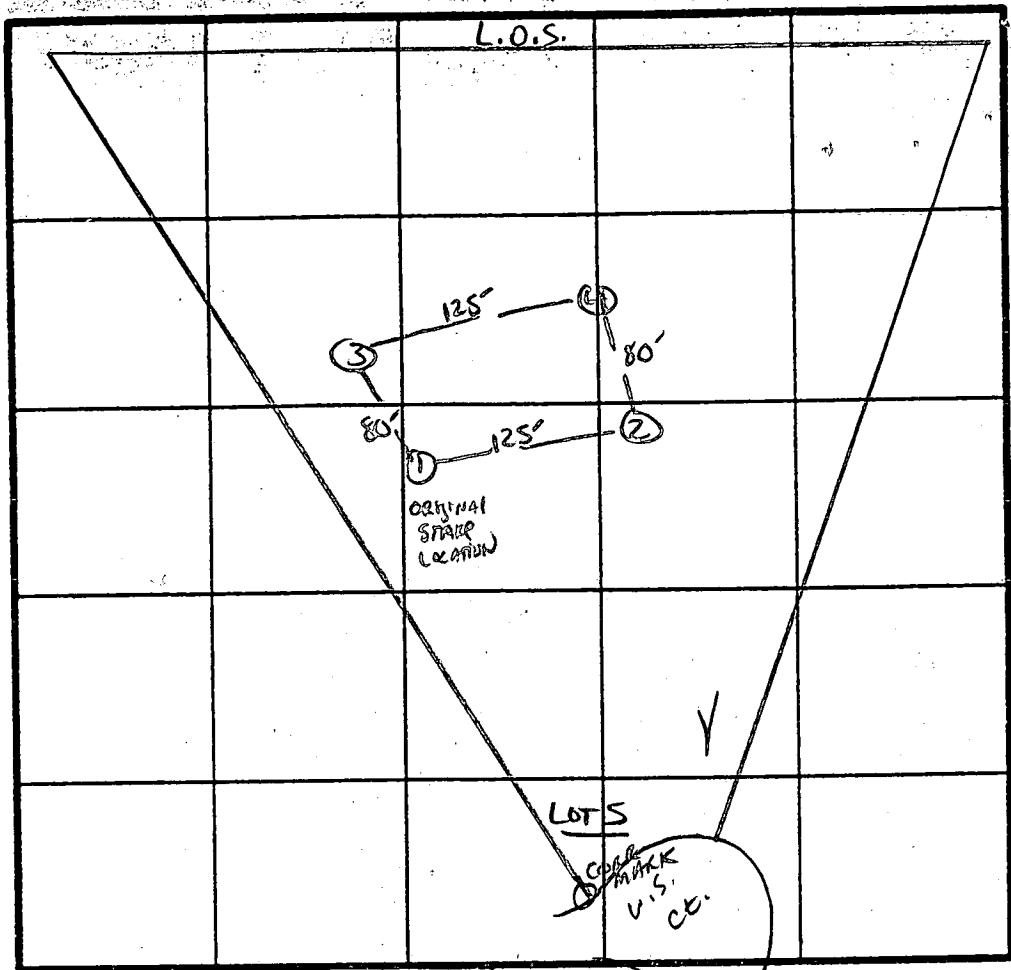
BLDG. PERMIT SIGNED

AND RETURNED 5-22-87

BP 25939 SK

THIS IS NOT A PERMIT

L.O.S.



2 PERC 10 MIN
 180 #/HR
 INLET 4.5' 4
 BOTTOM 9.0' 8

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

↓ I 70

[illegible]

REMARKS Holes 2-4 DIFF THAN PLAT/LOT LINE TO BE ADJUSTED TO ACCOMMODATE
LOT 4 PERC AREA, HOUSE & WELL.
CHESER Lm

TYPE OF SOIL CHESTER CM.

S. Abel

c. Kefauver

TESTED BY

ALSO PRESENT

EH-12-1079

C1 2348		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 A-38628	
DATE Received [] [] [] [] [] []		DATE WELL COMPLETED 051589		Depth of Well 22 85 26 (TO NEAREST FOOT)		PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-88-0462	
OWNER William H. Farnas (TD)		last name		first name		TOWN West Fairlee	
STREET OR RFD		SUBDIVISION William H. Farnas		SECTION		LOT 5	
WELL LOG Not required for driven wells				GROUTING RECORD			
STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING				WELL HAS BEEN GROUTED (Circle Appropriate Box) Y N			
DESCRIPTION (Use additional sheets if needed)				TYPE OF GROUTING MATERIAL CEMENT CM BENTONITE CLAY BC			
FEET FROM TO				NO. OF BAGS 19 NO. OF POUNDS 1500			
Check if water bearing				GALLONS OF WATER 114			
Top Soil 0 2				DEPTH OF GROUT SEAL (to nearest foot) from 0 48 TOP 52 ft. to 50 54 BOTTOM 58 ft. (enter 0 if from surface)			
Sandy 2 60 ✓				CASING RECORD			
Sandstone 60 65 ✓				casing types insert appropriate code below			
MICKA 65 75				ST CO STEEL CONCRETE			
Sandstone 75 80 ✓				PL OT PLASTIC OTHER			
MICKA 80 85				MAIN Casing TYPE PL Nominal diameter top (main) casing (nearest inch) 6 Total depth of main casing (nearest foot) 70			
				OTHER CASING (if used) EACH CASING diameter inch depth (feet) from to			
				screen type or open hole insert appropriate code below			
				ST BR HO STEEL BRASS OPEN HOLE			
				PL OT PLASTIC OTHER			
C2				DEPTH (nearest ft.)			
EACH SCREEN				1 HO 68 85			
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Well Permit No. HO - 88-0462
Location of property (road) Willow Sp Dr.
Subdivision Willow Highlands Lot 5 Block Plat Sec.
Well Driller R. Mayne Owner Willow Sp. Co

Depth of well 85 ft
Distance of measuring point (M.P.) above ground 2 ft
Static water level (S.W.L.) below M.P. 20 ft

Time pump started 8:30 Pumping rate 10 GPM
Total time 15 min to reach pumping water level 35' ft. below M.P.

[illegible]

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 # 46962
Date 04/30/91

Name of Installer Wazler W. King Plbg. & Htg. Contr. Telephone 301-662-6990

License Number Md. 2217
Certified Well Pump Installer ☐ Well Driller ☐ Registered Plumber ☒

Name of Property Owner Pulte Homes Telephone 301-881-8707
Subdivision Willow Springs Lot # 5 Well Tag # HO - 88 - 0462
Site Address 1735 Willow Spring Dr
Sykesville, MD - 21784

Pump
1. Type
a. Deep well jet ☐
b. Shallow well jet ☐
c. Submersible ☒
2. Make Goulds
3. Model # 5 ES 05422
4. Capacity 5 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 1/2
2. RPM 3500
3. Voltage ☐
a. 110 ☐
b. 220 ☒
Pitless Adapter
1. Make Martinson
2. Model # BP-10K
3. Depth 42" min
60" max

Tank
1. Capacity 42
2. Pressure relief valve? yes
Piping
1. Type Plastic 160#
2. Size 1"
3. NSF and/or BOCA Code approved ☒
4. Depth of supply line 42" min
60" max
Well data
1. Depth 85 ft.
2. Yield 10 GPM
3. Static water level ft.
4. 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).

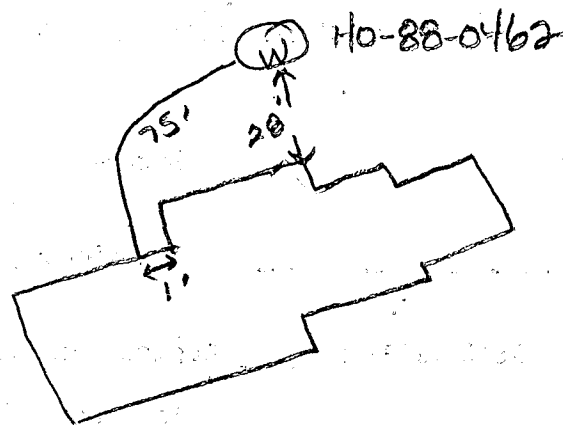
All information given above is true to the best of my knowledge.

Signature of Applicant: Walter W. King

Date: March 22, 1991

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

2165-1 VMD: SD
RECEIVED



HO-88-0462

Willow Springs Drive

5991 WPI. Pitless adaptor at 48 inches below grade.
Well line at 36 inches below grade. House connection
OK. No pump tank installed yet. JENadeau

RECEIVED
HOWARD COUNTY
HEALTH DEPT.
91 APR - 1 AM 10:29

REVISIONS				
REV. NO.	DATE	REVISION REQUESTED BY	REVISION MADE BY	REVISION
1	12/10/89	PULTE	S & L	HOUSE TYPE CHANGE
2	1/3/90	PULTE	S & L	HOUSE TYPE - MADISON II
3	4/5/90	PULTE	S & L	HOUSE TYPE - WILTSHIRE
4	12/17/90	PULTE	S & L	HOUSE TYPE - CANTERBURY USE FRONT ELEV. #1

SEPTIC SYSTEM DATA

INV. @ HOUSE 559.17 @ 1%

SEPTIC TANK

EX. GRADE 563.3
FIN. GRADE 565.0
INV. IN 558.0
INV. OUT 558.0

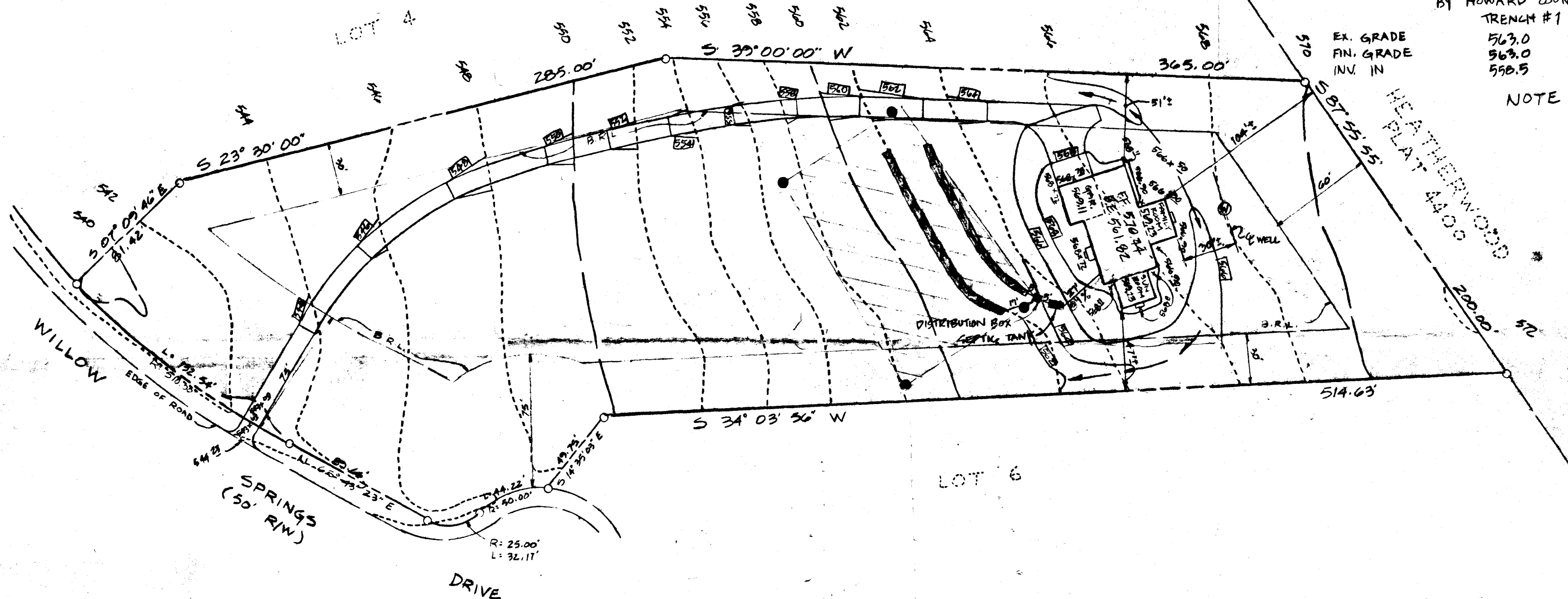
DISTRIBUTION BOX

EX. GRADE 563.0
FIN. GRADE 564.0
INV. IN 558.55
INV. OUT 558.55

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

	TRENCH #1	TRENCH #2
EX. GRADE	563.0	562.0
FIN. GRADE	563.0	562.0
INV. IN	558.5	557.5

NOTE: GRAVITY SEWER SERVICE TO BASEMENT IS AVAILABLE



TO: RAYMOND HODGES
HOWARD CO. HEALTH DEPT.

RE: WELL PLACEMENT LOTS
WILLOW SPRINGS. FROM
E OF WELL TO PROP. HOUSE
IS APPROX. 30 1/2 FEET.

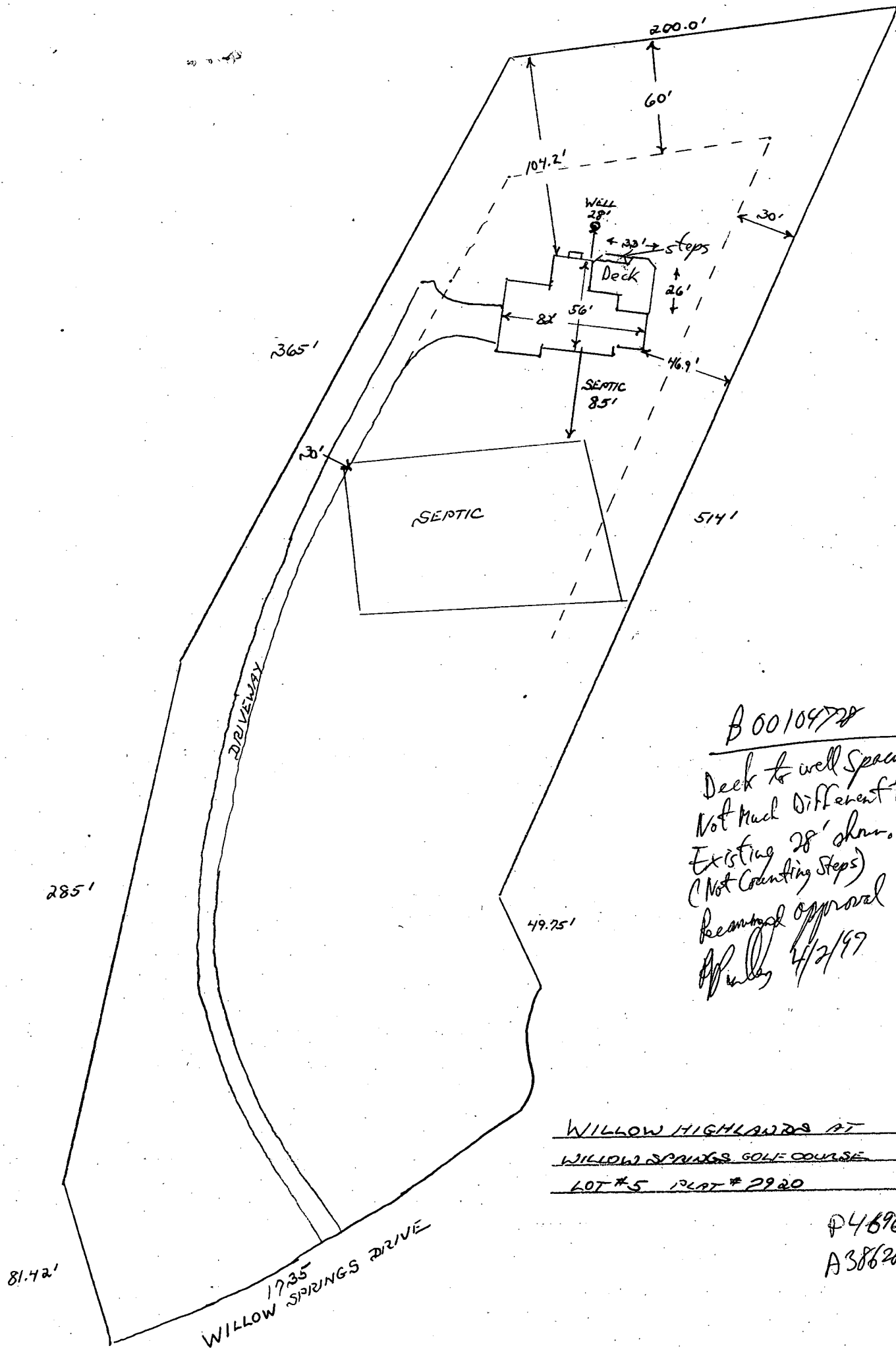
SHANABERGER & LANE
8726 TOWN & COUNTRY BLVD.
SUITE 107
ELLICOTT CITY, MD 21043
(301) 461-9563

OWNER: PULTE HOME CORPORATION
9099 GAITHER ROAD
GAITHERSBURG, MARYLAND 20877
(301) 921-8707

1/16/91
REVISED PLANS O/R
BP 36261
SITE PLAN
LOT 5

WILLOW HIGHLANDS AT
WILLOW SPRINGS GOLF COURSE

PLAT # 1920
3RD ELECTION DISTRICT
HOWARD COUNTY, MD
SCALE: 1" = 50'
DATE: 9/17/89



B 00104728
 Deck to well spacing
 Not much different than
 Existing 28' shown.
 (Not Counting Steps)
 Reapproved approval
 4/2/99

WILLOW HIGHLANDS AT
 WILLOW SPRINGS GOLF COURSE
 LOT #5 PLAT # 2920

P48961
 A38628