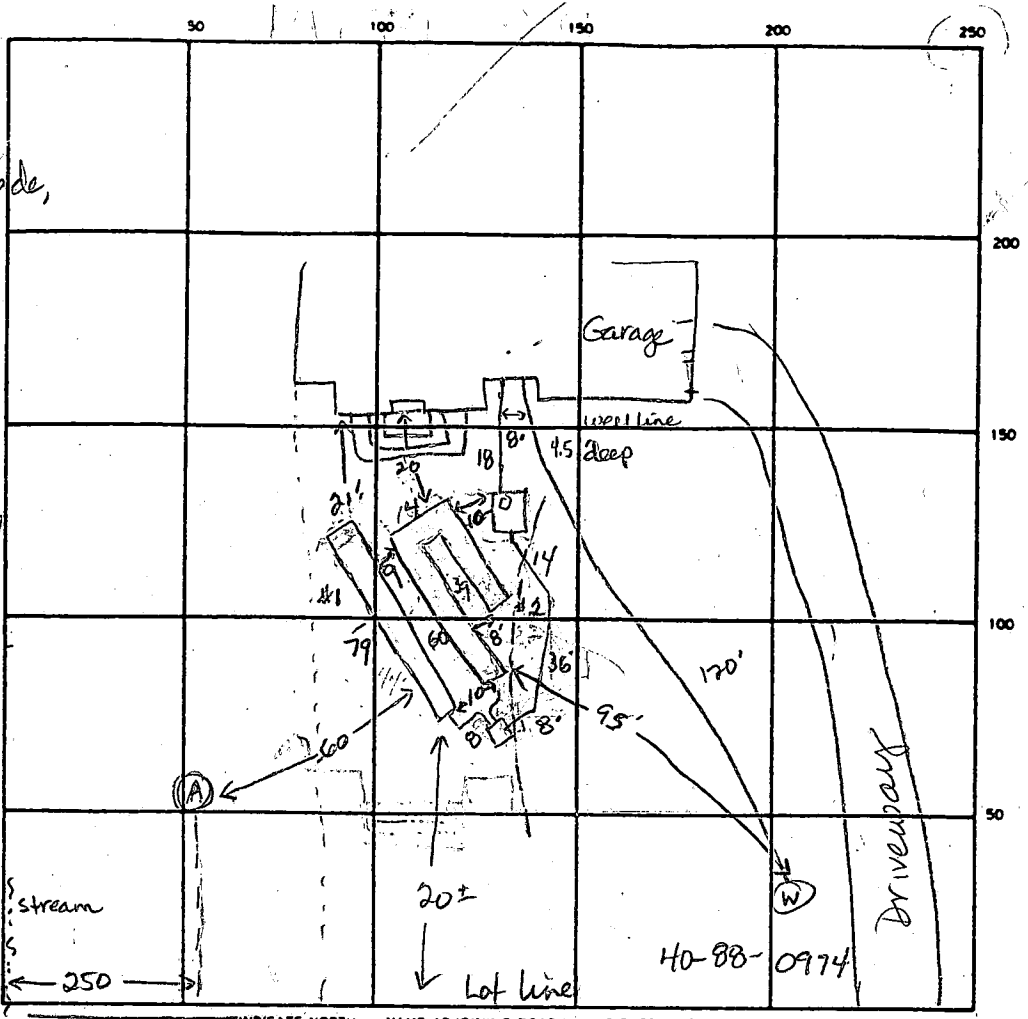


WPI 1-22-91
 Well line 54 in. below grade,
 PA 36 in. below grade
 No pump tank yet.
 Must sleeve line
 w/in 20' of tank
 Clarke P & H
 Ken Clarke 489-4029
 Called & left message
 re: WPI app & fee
 1-22-91 JEN
 2-6-91 well line sleeved
 60' from house
 JEN



0-3' DK-br s
 Cl
 3-6 Br-gray-blk
 mottled sa
 s1
 Water at
 6.0 ft

SEPTIC TANK LEVEL 1500 asst, tar on outside CLEANOUTS 1 on s. tank
 of tank at seams (5.5' deep)

DISTRIBUTION BOX LEVEL ok (with baffle)

DRAIN FIELD/TILE FIELD. DEPTH 3 4.5 FT. TRENCH WIDTH 6.0 FT. INLET DEPTH 2 2.5 FT.

EFFECTIVE GRAVEL DEPTH 3 2 FT. TOTAL LENGTH 99 103 FT.

NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA 474 618 SQ. FT.

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

ABSORBENT AREA 1092 SQ. FT.

REMARKS 1-22-91 Must sleeve waterline within 20 feet of septic tank. OK to continue
w/ 6 ft wide trench, 10 ft apart on center, 3 ft depth max. JEN 1-23-91 OK
to stone trench #1, connect trenches #2 & 3 w/ 6 ft wide graveled trench. JEN
1-23-91 OK to cover all work. JEN

DATE SYSTEM APPROVED 1-23-91 INSPECTOR Jane E. Nadeau

APPLICATION

PERCOLATION TESTING

A 38652

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

PROSPECTIVE BUYER _____
ADDRESS _____ PHONE _____

PROPERTY LOCATION: Highland 1770 Heatherwood Way
SUBDIVISION WILLOW SPRINGS GOLF COURSE LOT NO. 27

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.

WILLOW SPRINGS LTD Gen Partner
By Thomas C. [Signature]
(SIGNATURE OF APPLICANT)

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

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 4-75-82 Rec DAVIS PROPERTY; 1600 for subdivision PLAT. S. [Signature]

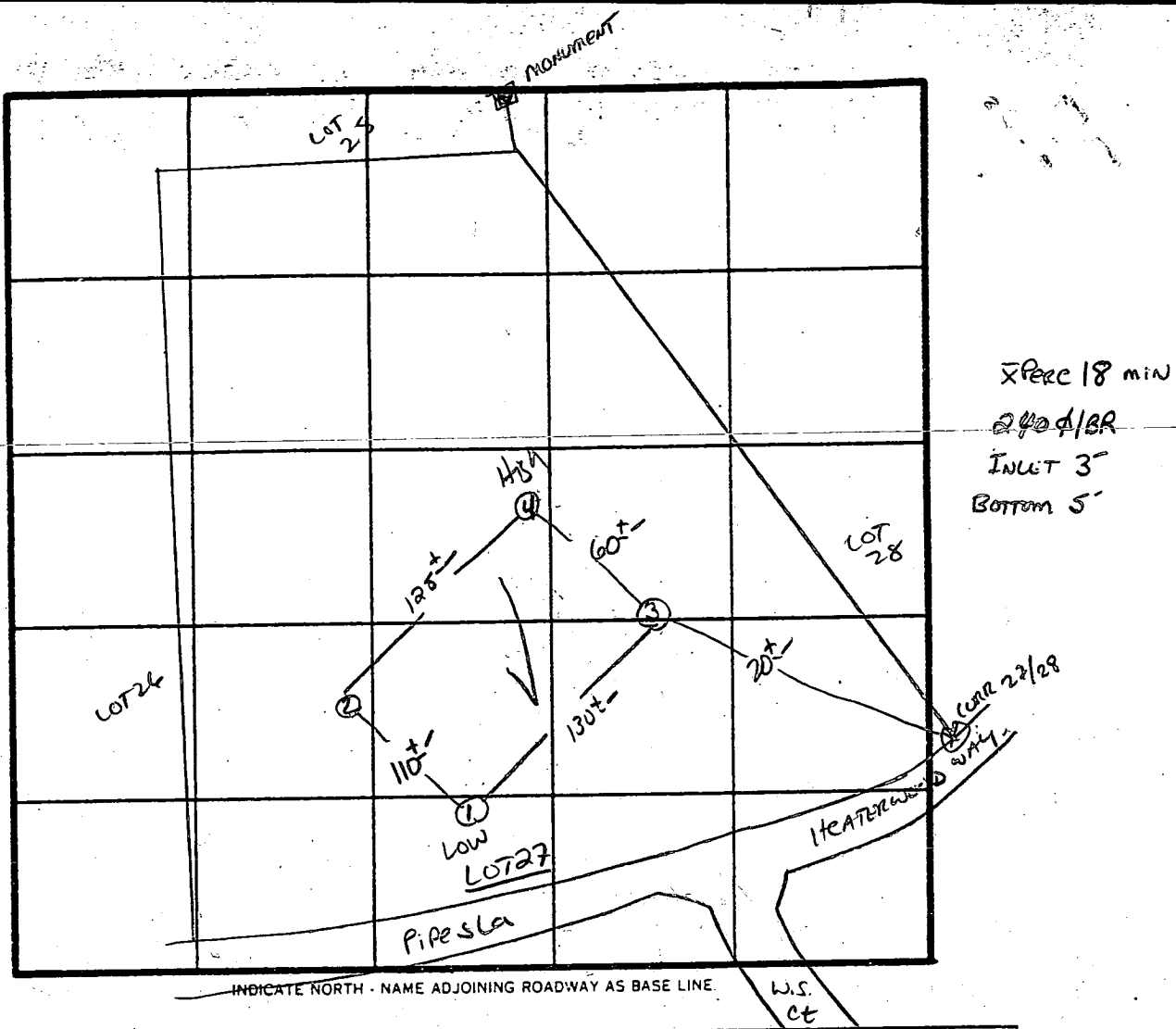
BLDG. PERMIT SIGNED
AND RETURNED 05/30/90
Serial # 32690
5 Bedrooms

THIS IS NOT A PERMIT

① SOIL PROFILE

0
12"
3.5'
13'

AP
Yellow BK Silty loam 9-12% CLAY 15-20% FRAGS
Yellow BK Silty SAND loam 20-25% FRAGS



XPERC 18 min
240 A/BR
INLET 3"
BOTTOM 5"

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4/15/87	1 S	3"	1:11	1:21	1:21	1:37	16 min
	V	13"	UNIFORM soil below		3.5"	H ₂ O AT 12"	
	2 S	3.5"	1:22	1:25	1:25	1:32	7 min
	V	12.5"	UNIFORM soil below		3.5"	H ₂ O AT 12"	
	3 V	12.5"	UNIFORM soil below		3.5"	DRY	
	4 S	4"	1:35	1:56	1:56	2:20	24 min
	M	7.5"	1:35	1:56	1:56	2:18	22 min
	4 V	13"	UNIFORM soil below		3.5"	DRY	

REMARKS Holes diff than plat / shallow syst. only

TYPE OF SOIL CHESTER

TESTED BY S. Abu ALSO PRESENT O-KETTERMAN DAVE

EH-12-1079

C1 1097 SEQUENCE NO. (DENV USE ONLY)

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

COUNTY NUMBER A-38652

ST/CO USE ONLY DATE RECEIVED

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

06/29/89

08/14/89

22 205 26 (TO NEAREST FOOT)

H-CK-2974

OWNER: William S. Limited last name Weatherhead way first name TOWN: W. Friendship SUBDIVISION: SECTION: LOT: 27

WELL LOG Not required for driven wells STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

Table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), Check if water bearing. Rows include: Top Soil (0-2), Sandy (2-65), Sand Stone (65-90), MICA (90-95), Sand Stone (95-205), MICA (95-205).

GROUTING RECORD WELL HAS BEEN GROUTED (Y) (N) TYPE OF GROUTING MATERIAL CEMENT (CM) BENTONITE CLAY (BC) NO. OF BAGS 16 NO. OF POUNDS 100 GALLONS OF WATER 76 DEPTH OF GROUT SEAL (to nearest foot) from 2 ft. to 45 ft.

CASING RECORD casing types insert appropriate code below (S) (T) (C) (O) (P) (L) (O) (T) (P) (L) (S)

MAIN CASING TYPE (P) Nominal diameter top (main) casing (nearest inch) 1 Total depth of main casing (nearest foot) 25

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

SCREEN RECORD screen type or open hole insert appropriate code below (S) (B) (H) (P) (L) (O) (T) (P) (L) (S)

DEPTH (nearest ft.) (H) (O) (2) (3) (2) (0) (5)

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

THEREBY 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 (MUST MATCH SIGNATURE ON APPLICATION)

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

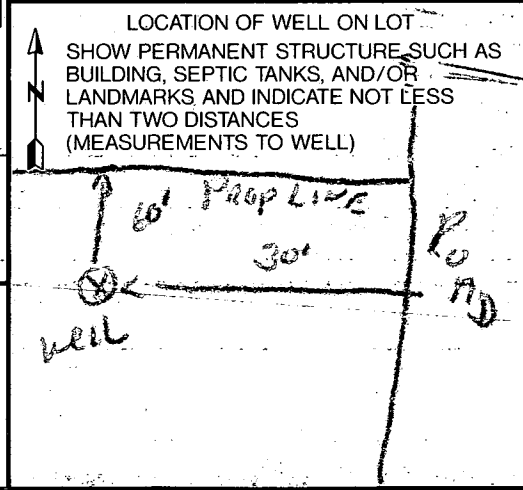
SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH) from to

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

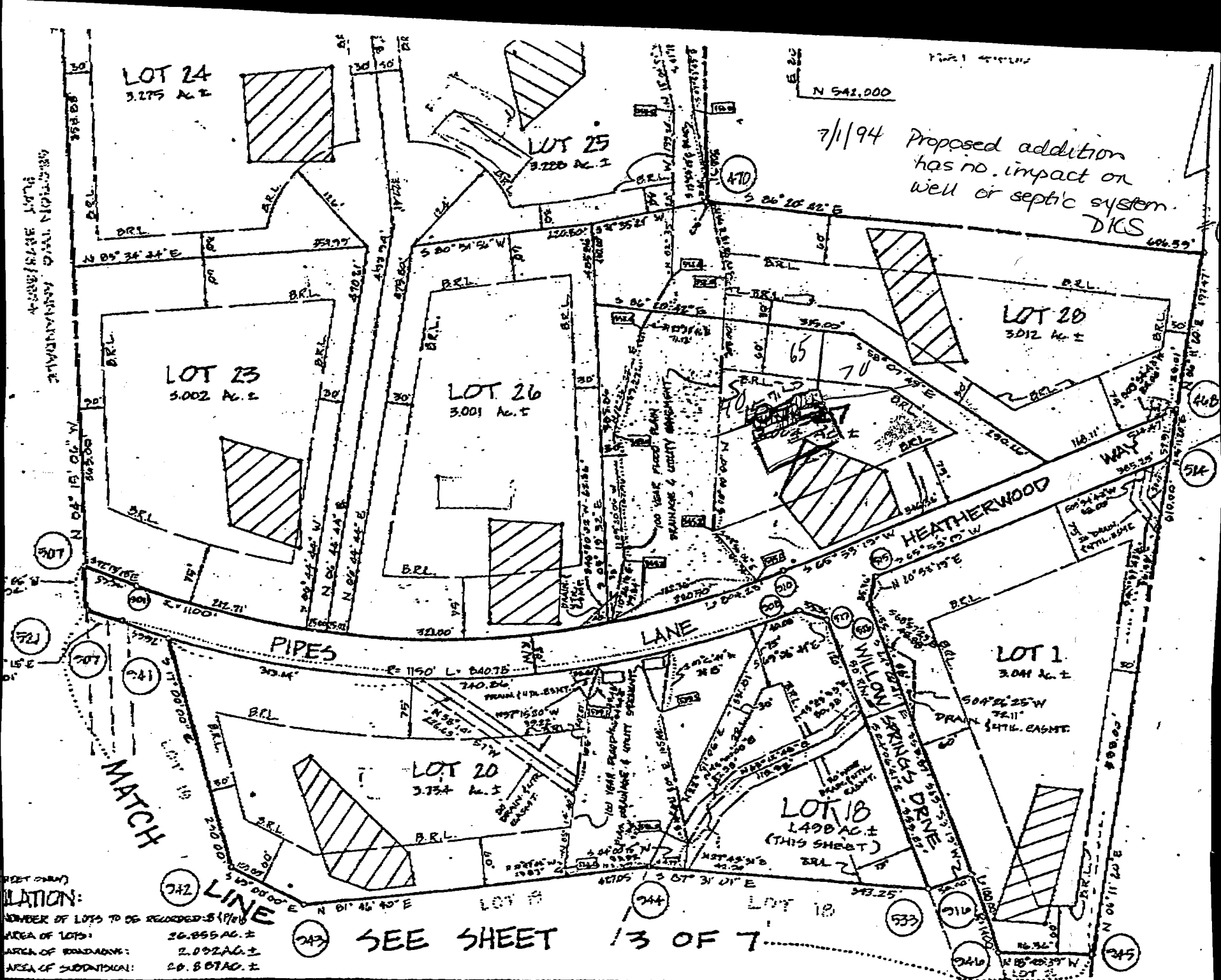
OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q 70 72 74 75 76 TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min. to nearest gal.) 10 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 8 WHEN PUMPING 62 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 () below LAND SURFACE () (nearest foot)



COUNTY



7/1/94 Proposed addition
has no impact on
well or septic system.
DKS

RELATION:

NUMBER OF LOTS TO BE RECORDED:	5 (1/10)
AREA OF LOTS:	26.855 AC. ±
AREA OF ROADWAY:	2.092 AC. ±
AREA OF SUBDIVISION:	28.807 AC. ±

SEE SHEET 13 OF 7

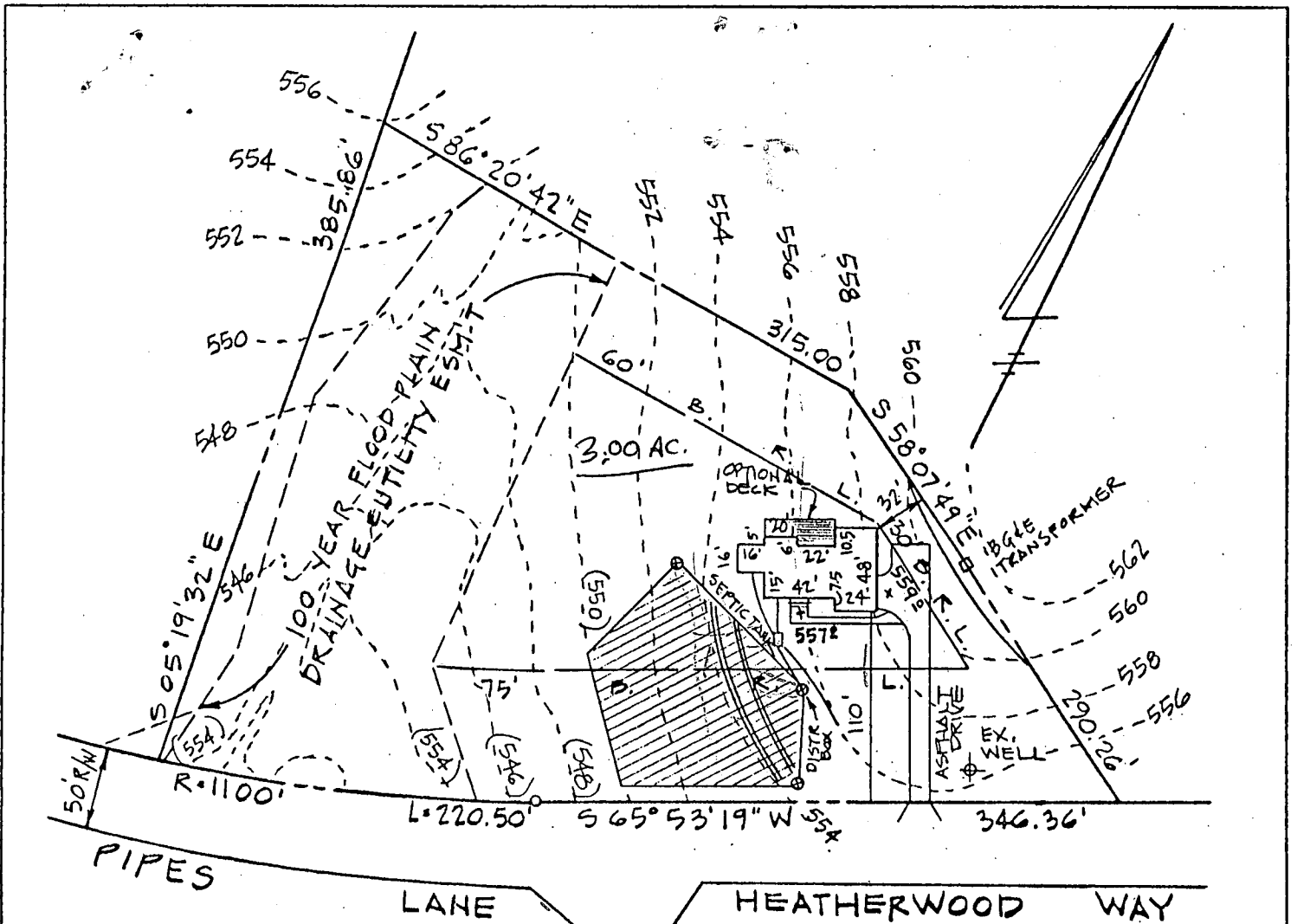
NOTED: FOR PIPES WATER & PRIVATE SEWER SYSTEMS, HOWARD COUNTY

OWNER'S CERTIFICATE

WE, WILLOW SPRING LIMITED PARTNERSHIP, A PARTNERSHIP ORGANIZED UNDER THE PARTNERSHIP ACT, BY WILLOW SPRING, INC., GENERAL PARTNER, BY TADAM C. REYNOLDS, MANAGING MEMBER, AND T. CARROLL BENCH JR., ASR. SECRETARY, OWNERS OF THE FOREGOING SHOWN AND

SURVEYOR'S

I HEREBY CERTIFY THAT THE IS CORRECT, THAT IT IS A



NOTE:

1. HOUSE TYPE: 2 STORY WITH FULL BASEMENT.

SEPTIC DATA

HOUSE	FIN. FL.	560.0
"	BSMT	551.0
"	SEWER INV	553.7
SEPTIC TANK	INV. IN	553.3
"	INV. OUT	553.0
"	FIN. GR.	556.0
DISTR. BOX	INV. IN	552.5
"	FIN. GR.	555.5
WELL	EX. GR.	556.5
"	FIN. GR.	556.5

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

5/30/90
PLANS OK
R HODGES