

2/20/01 Layout Amor Anytime

Tax ID = 04-351800

2/21/01 Needs pump test OK

2/21/01
At 11:00 AM
3/9/01
11:00 AM
Resched 5/130

PERMIT

P 514636

SEWAGE DISPOSAL SYSTEM

A 42470

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

ISSUE DATE 11/8/2000

410-313-2640

APPROVAL DATE 3/13/00

on 443-3241588 cell phone Verid

INDEXED

S K Backhoe IS PERMITTED TO INSTALL ALTER

410-275-0562
PHONE ~~301-898-0955~~

ADDRESS 1220 Francis Scott Key Hwy, Keymar, MD 21757

SUBDIVISION Country Springs LOT NUMBER 18 ADDRESS 15040 Scottswood Court

PROPERTY OWNER Trinity Builders BANAS PROPERTY OWNER'S ADDRESS 7320 Grace Drive

SEPTIC TANK CAPACITY 1250 GALLONS

PUMP CHAMBER CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4 **** TOP SEAMED SEPTIC TANK REQUIRED ****
**** TOP SEAMED PUMP CHAMBER REQUIRED ****

SQUARE FEET PER BEDROOM 180

LINEAR FEET OF TRENCH REQUIRED 240

TRENCHES: Trenches to be 3 feet wide. Inlet 3.5 feet below original grade. Bottom maximum depth 5.5 feet below original grade. 2 feet of stone below distribution box.

LOCATION: Place the distribution box 10 feet off the 259.84' lot line and 50 feet off the 325.12' lot line. Run trenches along contour toward the 172.53' lot line.

10/6/00 S.K. (BB)

PLANS APPROVED Donna K. Clark DATE 9/20/2000

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

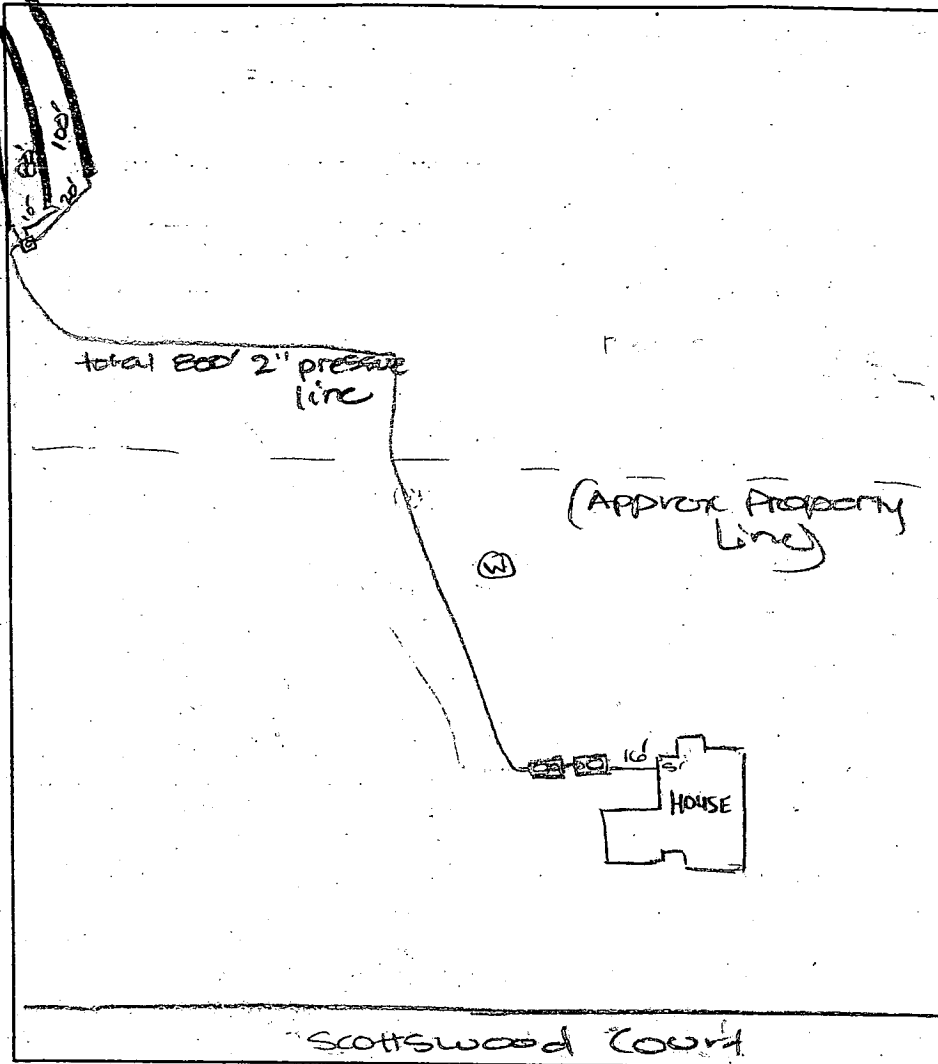
NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM

BUILDING PERMIT SIGNED AND RETURNED RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT
CALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM

9/26/2002 B00138624 2 DECK & PORCH

42470

NOT TO SCALE



TRENCH DATA

TRENCH WIDTH 3
 TRENCH INLET DEPTH 3.5
 TRENCH BOTTOM DEPTH 5.5
 DEPTH OF STONE 2
 NUMBER OF TRENCHES 3
 TOTAL TRENCH LENGTH 240
 ABSORBENT AREA 720
 DISTRIBUTION BOX LEVEL ✓
 BAFFLE IN DISTRIBUTION BOX ✓

SEPTIC TANK DATA

SEPTIC TANK 1500 GALLONS
 MANHOLE RISER ✓
 6 INCH INSPECTION PORT ✓

PUMP CHAMBER DATA

PUMP CHAMBER GALLONS 1500
 MANHOLE RISER ✓
 ALARM OPERATIONAL per RSP (SRK)
 PUMP PERFORMANCE TEST ✓

PRE-CONSTRUCTION INSPECTION: 2/20/01 layout confirmed - SDA stated.
OK to begin installation. DKC

INSPECTION COMMENTS:
2/21/01 A.M. OK to cover trenches and continue. DKC
2/21/01 P.M. OK to cover all septic work - Need
pump performance test for final approval. DKC
Alarm work OK. (inside Manhole Riser pump plug into a standard open junction box - Not a water proof one.
This will corrode in short order. Pump on + off plate work OK. 3/9/01

3/13/01 - SPOKE TO ELECTRICAL INSPECTOR, HE SAID HE WOULD VERIFY W/ELECTRICIAN
ELECTRICAL CODE REQUIREMENTS OF JUNCTION BOX (SRK)
 INSPECTOR Steven R. Krieg DATE SYSTEM APPROVED 3/13/01

RECEIVED
 BUILDING DEPARTMENT
 AND RETURNED

APPLICATION

PERCOLATION TESTING

A 511931

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2640

DISTRICT 4

DATE 8/7/95

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Thomas & Laurel Garland

ADDRESS 15067 Bushy Park Rd PHONE 410/489-4404 ⁴ (301) 986-7536
Woodbine, MD 21797

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Country Springs LOT NO. 17 (46)

ROAD AND DESCRIPTION 15067 Bushy Park Rd Woodbine, MD 21797

TAX MAP _____ PARCEL # _____

SIZE OF LOT Appr. 4.25 Ac. TYPE BLDG. SFD Residential
(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. TA Garland
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING _____

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # _____ DATE _____

SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

THIS IS NOT A PERMIT

COUNTY #

SOIL PROFILE

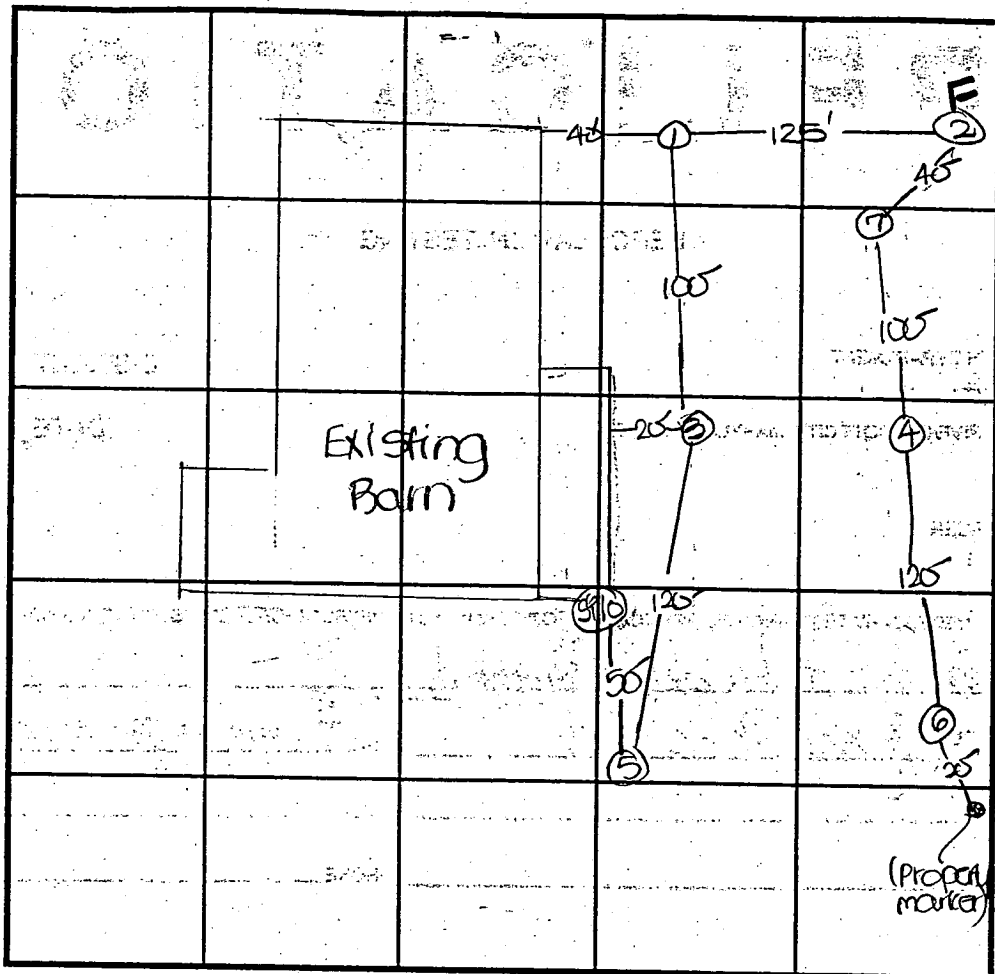
0' topsoil
 1' org brn cl lm
 3' pale org red tan si lm
 15-20% rock frag

(3)

0' topsoil
 1' red brn cl lm
 4' med pic tan si lm
 25%+ rock frag

(5) *stay 25' off near to cut area *

0' topsoil
 1' red brn cl lm
 med red org brn si lm w/frag
 35%+ rock frag



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE

0' topsoil
 1' org brn cl lm
 3.5' med red brn si lm
 5-20% rock frag
 2' topsoil
 1' red org brn cl lm
 5' 25%+ rock frag
 10' med red org brn si lm

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
7-12-99	1	4.0' S	10:58	10:59	10:59	11:03	4
		11.5' D	visual	- see	profile		OK
	3	5.0' S	11:11	11:13	11:13	11:16	3
		12.0' D	visual	- see	profile		OK
	5	4.0' S	11:22	11:24	11:24	11:27	3
		13.0' D	visual	- see	profile	*	see note
	2	13.0' D	visual	- see	profile		FAIL
	7	12.0' D	visual	- see	profile		OK

REMARKS test holes not staked

TYPE OF SOIL _____
 TESTED BY D. See ALSO PRESENT owner, O. Ketterman
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 3+ TRENCH WIDTH 3
 INLET DEPTH 3.5 MAXIMUM BOTTOM DEPTH 5.5 SQ. FT./BEDROOM 80

APPLICATION

PERCOLATION TESTING

A 5119.31
P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2640

DISTRICT 4
DATE 8/7/95

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Thomas & Laurel Garland
ADDRESS 15067 Bushy Park Rd PHONE 410/489-4404 (O) 301 486-7534
Woodbine, MD 21797
AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:
SUBDIVISION Country Springs LOT NO. 17
ROAD AND DESCRIPTION 15067 Bushy Park Rd Woodbine, MD 21797

TAX MAP _____ PARCEL # _____
SIZE OF LOT Appr. 4.25 Ac. TYPE BLDG. SFD Residential
(SINGLE FAMILY DWELLING OR COMMERCIAL)

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LA Garland
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____
DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING _____

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # _____ DATE _____

SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

THIS IS NOT A PERMIT

COUNTY #

SOIL PROFILE

(4)

topsoil

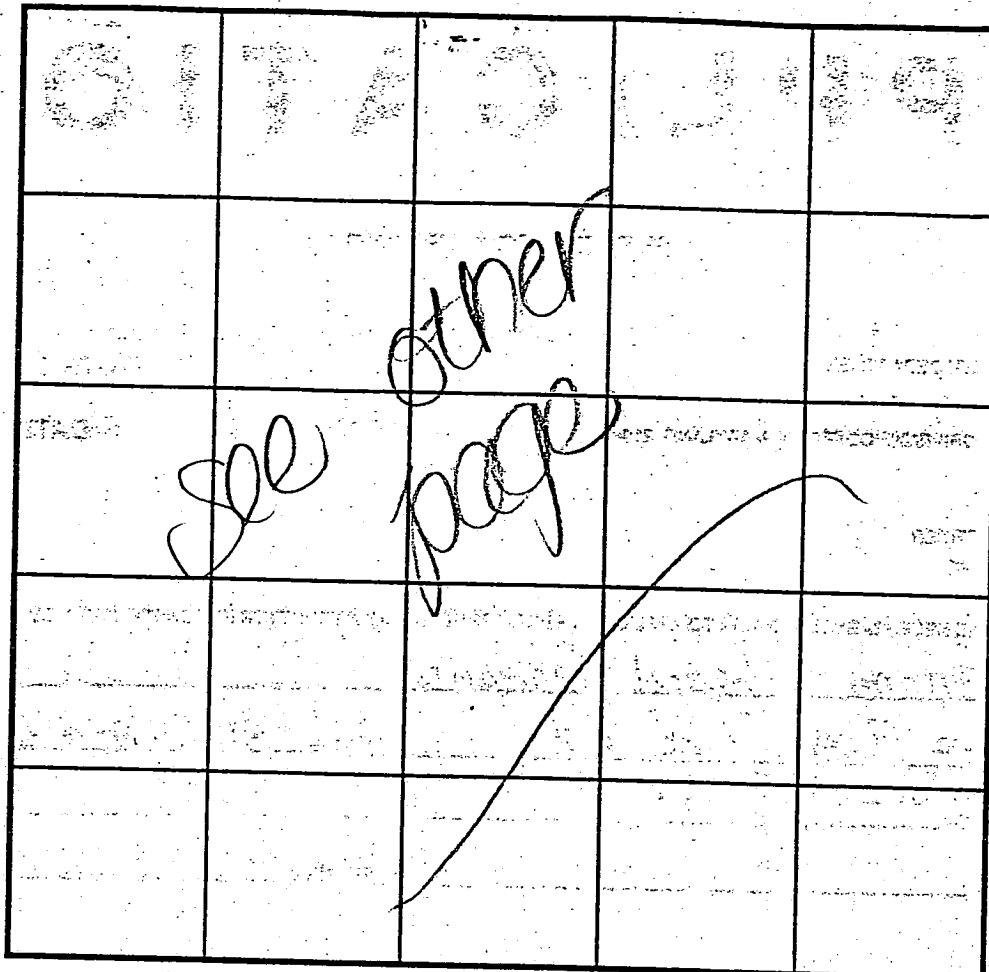
red org
brn
cl lm

pale
org brn
slm

10%
rocks

SOIL PROFILE

0'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

4'

13'

3.5'

4'

12'

13'

topsoil

red org
brn
cl lm

pale
org red
brn
slm

poss
mottles

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1' DROP		TIME
			START	STOP	START	STOP	
7-12-09	4	5.0'S	11:42	11:45	11:45	11:48	3
		13.0'D	visual	- see	profile		OK
	6	13.0'D	visual	- see	profile		OK

REMARKS test holes not staked

TYPE OF SOIL _____

TESTED BY D. Soe ALSO PRESENT owner, O. Ketterma

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 3F TRENCH WIDTH 3

INLET DEPTH 3.5 MAXIMUM BOTTOM DEPTH 5.5 SQ. FT/BEDROOM 180

APPLICATION

PERCOLATION TESTING

A _____

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2640

DISTRICT _____

DATE _____

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER _____

ADDRESS _____ PHONE _____

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Country Springs LOT NO. 18

ROAD AND DESCRIPTION Scotswood Court

TAX MAP _____ PARCEL # _____

SIZE OF LOT _____ TYPE BLDG. _____
(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. _____
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING _____

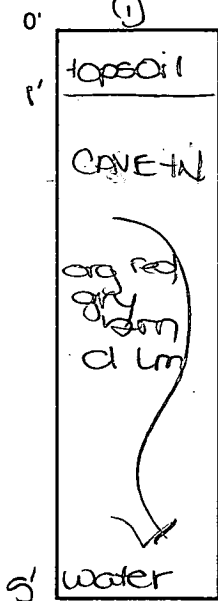
PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # _____ DATE _____

SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

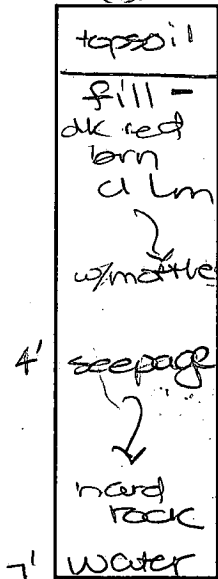
THIS IS NOT A PERMIT

COUNTY #

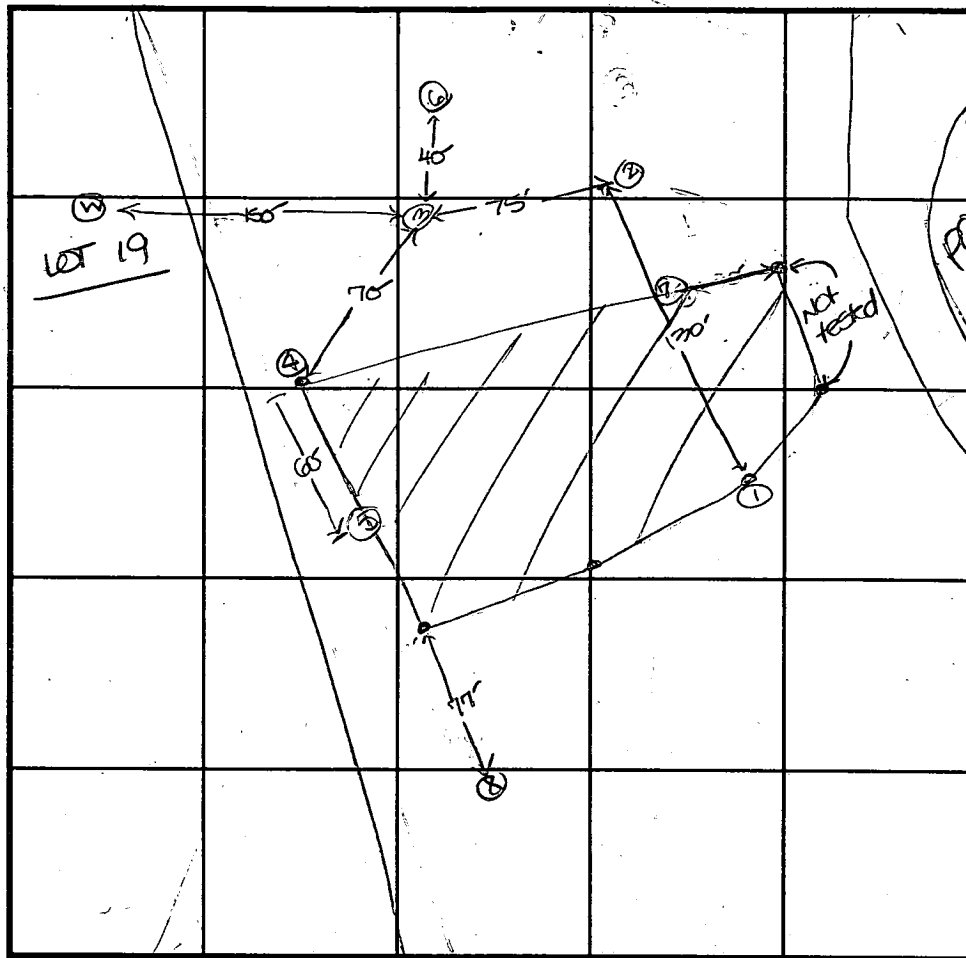
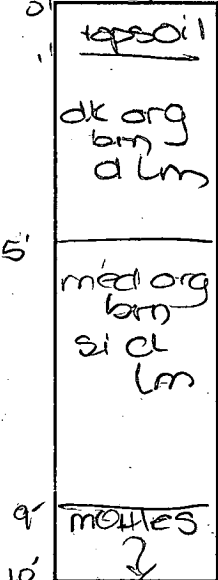
SOIL PROFILE



2



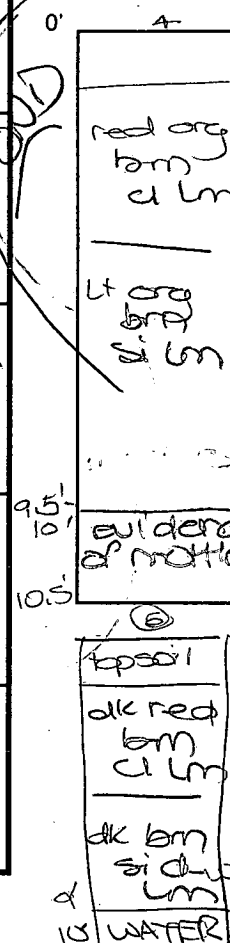
3



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Scottswood Court

SOIL PROFILE



DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
1-21-99	1	5.0'D	Water					
	2	7.0'D	Water					
	3	10.0'D	(Evidence of water @ 9.0')					
	4	10.5'D	(Evidence of water @ 9.5')					
	5	10.0'D	Water					
	6	4.0'D	Water (Evidence of fill dirt)					
	7	7.0'D	Water					
	8	3.0'	Water					

REMARKS corners of the existing septic area staked

TYPE OF SOIL

TESTED BY D. SDE ALSO PRESENT C. Williams, Tim Price, Howard @ encore

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME TRENCH WIDTH

INLET DEPTH MAXIMUM BOTTOM DEPTH SQ. FT./BEDROOM

APPLICATION

PERCOLATION TESTING

A _____

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2640

DISTRICT _____

DATE _____

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER _____

ADDRESS _____ PHONE _____

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION country springs LOT NO. 18

ROAD AND DESCRIPTION scottswood court

TAX MAP _____ PARCEL # _____

SIZE OF LOT _____ TYPE BLDG. _____
(SINGLE FAMILY DWELLING OR COMMERCIAL)

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(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING _____

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # _____ DATE _____

SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

THIS IS NOT A PERMIT

TEST DATA

NAME _____	FILE NO _____
LOCATION <u>Country Springs - lot 18</u>	COUNTY <u>Howard</u>
<u>Scottswood Court</u>	DATE <u>3/30/99</u>
RECORDED BY <u>DLS/SRK</u>	GRID _____ E N

HOLE NO.	TEST NO.	DEPTH	CLOCK TIME	ELAPSED TIME	MEASUREMENT	REMARKS (Method, Moisture, Biopores)		
1		16"-24"	9:35		7"	> 42/32"		
			9:50	2 min	5 22/32"	> 38/32"		
			10:05		4 16/32"	> 28/32"		
			10:20		3 20/32"	> 27/32"		
			10:35		2 29/32"			
			10:36		7"	> 27/32"		
		10:51		6 5/32"	> 23/32"			
		11:06		5 14/32"	> 24/32"			
		11:21		4 22/32"	$\bar{x} = 15.50 \text{ mpi}$			
		2		18"-26"	9:42		7"	> 8/32"
					9:57		6 24/32"	> 4/32"
					10:12		6 20/32"	> 2/32"
					10:27		6 18/32"	> 4/32"
					10:42		6 14/32"	> 0
10:57					6 14/32"	> 0		
11:12					6 14/32"	> 0		
11:27					6 14/32"	> 0		

TEST DATA

NAME _____	FILE NO _____
LOCATION <u>Country Springs Lot 18</u>	COUNTY <u>Howard</u>
<u>SCOTTSWOOD COURT</u>	DATE <u>3/30/99</u>
RECORDED BY <u>DKS/SK</u>	GRID _____ E N

HOLE NO.	TEST NO.	DEPTH	CLOCK TIME	ELAPSED TIME	MEASUREMENT	REMARKS (Method, Moisture, Biopores)
3		16"-24"	10:07		7"	> 18/32"
			10:22		6 14/32"	> 12/32"
			10:37		6 2/32"	> 12/32"
			10:52		5 22/32"	> 12/32"
			11:07		5 17/32"	> 10/32"
			11:22		5"	> 12/32"
						$\bar{x} = 38 \text{ mpi}$
4		16"-24"	10:25		7"	> 0
			10:40		7"	> 0
			10:55		7"	> 0
			11:10		7"	> 0
			11:25		7"	> 0
						No movement

TEST DATA

NAME _____	FILE NO _____
LOCATION <u>Country Springs - lot 18</u>	COUNTY <u>Howard</u>
<u>Scottswood Court</u>	DATE <u>2/20/99</u>
RECORDED BY <u>DCS/SRK</u>	GRID _____ E N

HOLE NO.	TEST NO.	DEPTH	CLOCK TIME	ELAPSED TIME	MEASUREMENT	REMARKS (Method, Moisture, Biopores)	
	5	16"-24"	11:44		7"	$\bar{x} = 101 \text{ mpi}$	
			11:59		6 $\frac{23}{32}$ "		> $\frac{9}{32}$ "
			12:14		6 $\frac{18}{32}$ "		> $\frac{5}{32}$ "
			12:29		6 $\frac{16}{32}$ "		> $\frac{2}{32}$ "
			12:44		6 $\frac{13}{32}$ "		> $\frac{3}{32}$ "
			12:59		6 $\frac{13}{32}$ "		> 0
			1:14		6 $\frac{13}{32}$ "		> 0
	6	18"-26"	11:55		7"	$\bar{x} = 73 \text{ mpi}$	
			12:10		6 $\frac{18}{32}$ "		> $\frac{14}{32}$ "
			12:25		6 $\frac{8}{32}$ "		> $\frac{10}{32}$ "
			12:40		6"		> $\frac{8}{32}$ "
			12:55		5 $\frac{29}{32}$ "		> $\frac{6}{32}$ "
			1:10		5 $\frac{29}{32}$ "		> $\frac{6}{32}$ "
			1:25		5 $\frac{16}{32}$ "		> $\frac{4}{32}$ "
			1:40		5 $\frac{16}{32}$ "		> 0
			1:55		5 $\frac{6}{32}$ "		> $\frac{10}{32}$ "
			2:10		5 $\frac{2}{32}$ "		> $\frac{4}{32}$ "
			2:25		4 $\frac{30}{32}$ "		> $\frac{4}{32}$ "
			2:45				

TEST DATA

NAME _____ FILE NO _____

LOCATION Country Springs-lot 18 COUNTY Howard

Scottswood Court DATE 3/30/99

GRID _____ E

RECORDED BY DVS/alc N


HOLE NO.	TEST NO.	DEPTH	CLOCK TIME	ELAPSED TIME	MEASUREMENT	REMARKS (Method, Moisture, Biopores)
	7	16"24"	12:13		7"	> 54"
			12:28		5 ¹² / ₃₂ "	> 30"
			12:43		4 ¹² / ₃₂ "	> 32"
			12:58		3 ¹⁸ / ₃₂ "	> 26"
			1:02		7"	> 20"
			1:17		6 ¹² / ₃₂ "	> 32"
			1:32		5 ²⁶ / ₃₂ "	> 20/32"
			1:47		5 ⁶ / ₃₂ "	> 18/32"
			2:02		4 ²⁰ / ₃₂ "	> 12/32"
			2:17		4 ⁸ / ₃₂ "	> 16/32"
			2:32		3 ²⁴ / ₃₂ "	
			2:47			$\bar{x} = 20 \text{ mpi}$

APPLICATION

PERCOLATION TESTING

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

A 42470
P _____
DISTRICT 4
DATE July 5, 1988

*The test notes
are no longer
valid - see test notes
1/31/99, 3/30/99*


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 Frall Developers, Inc.

ADDRESS P. O. Box 659 Mount Airy, MD 21771 PHONE (301) 795-1866

ENGINEER OR CONTACT PERSON
PROSPECTIVE BUYER VANMAR ASSOCIATES INC. / Mike VanSant

ADDRESS 310 South Main Street Mount Airy, MD 21771 PHONE (301) 829-2890

PROPERTY LOCATION:

SUBDIVISION RIPPEON PROPERTY LOT NO. 18
17

ROAD AND DESCRIPTION Bushy Park Road

TAX MAP 14 PARCEL # 12

SIZE OF LOT 3.0 ac ± TYPE BLDG. SFD
(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.

Shannon Jennings, Agent
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

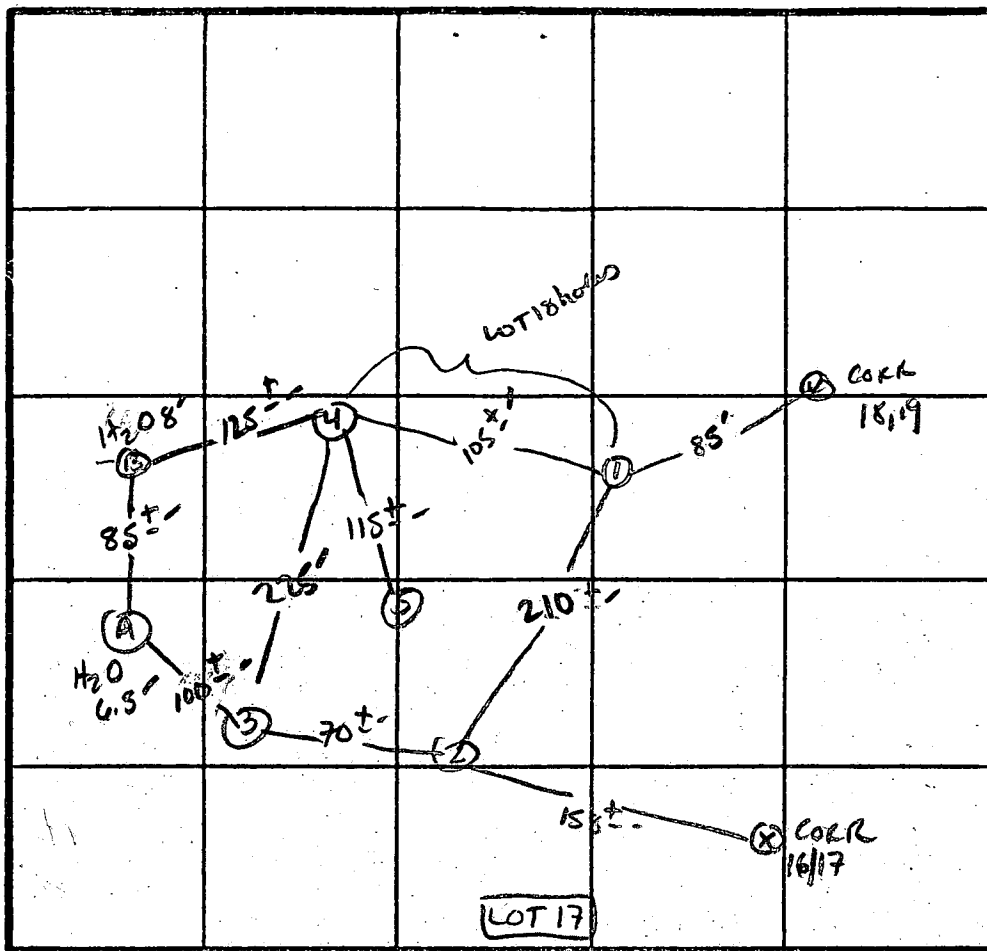
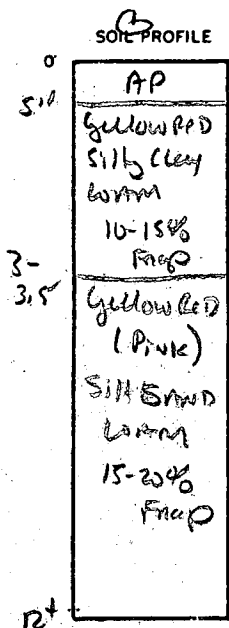
REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 11-21-88 Price Satisfactory - Hold for perm. S. Allen

HD-216

THIS IS NOT A PERMIT



2 Perc 6min
180 PSI
Inlet 3.0"
Bottom 5.0

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Bushy Park Rd.

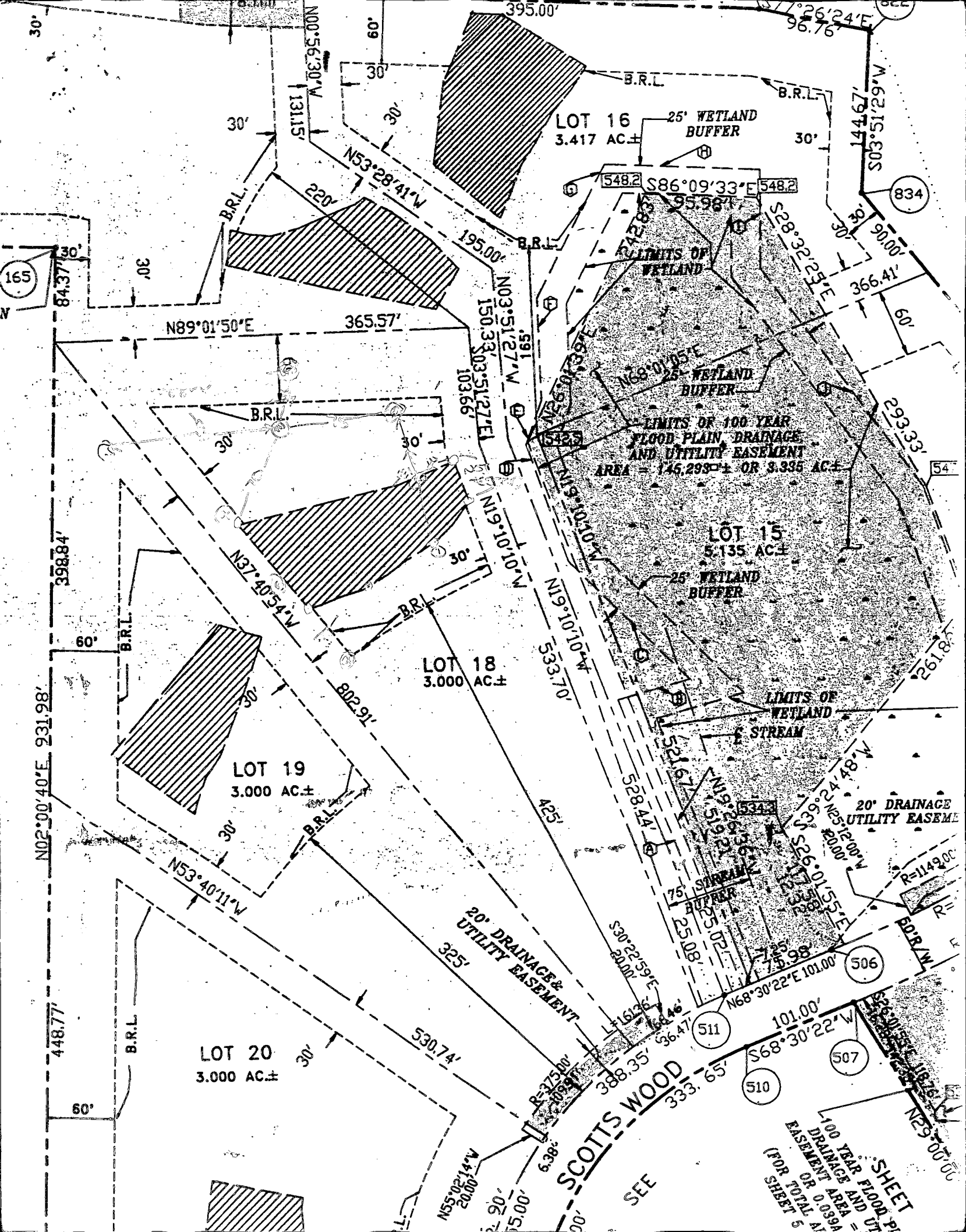
DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11/2/68	1S	3.5	11:19	11:22	11:22	11:34	12min
	1M	8.5	11:19	11:20	11:20	11:23	3min
	1V	12.5	As profiled				
	2S	3.5	11:42	11:44	11:44	11:47	3min
		8.0	11:42	11:43	11:43	11:45	2min
	3S	4"	11:43	11:45	11:45	11:50	5min
		12.5"	Similar to profile				
	4S	4"	11:20	11:24	11:24	11:35	11min
		12.5"	Similar to profile		Some QUALITY AT 3-4"		
	5S	3.5	11:45	11:46	11:46	11:48	2min
		12.0	Similar to profile				
	2V	13"	As profiled w/ low Frag. 10-15%				

REMARKS Holes NOT PER PLAN - Shallow SYST only - LANDSCAPE POSITION

TYPE OF SOIL Chescon

TESTED BY S. Abel

ALSO PRESENT Phil Scott, Andrew Ruby, C. Ellis



LOT 16
3.417 AC±
25' WETLAND BUFFER

548.2 S86°09'33"E 548.2
195.00' N03°51'27"W 150.33'
103.56' N03°51'27"E 103.56'

542.3 N68°09'05"E 542.3
542.3 N68°09'05"E 542.3

542.3 N19°10'10"W 542.3
542.3 N19°10'10"W 542.3

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542.3 N19°10'10"W 542.3
542.3 N19°10'10"W 542.3

LOT 19
3.000 AC±

LOT 18
3.000 AC±

LOT 20
3.000 AC±

LOT 15
5.135 AC±
25' WETLAND BUFFER

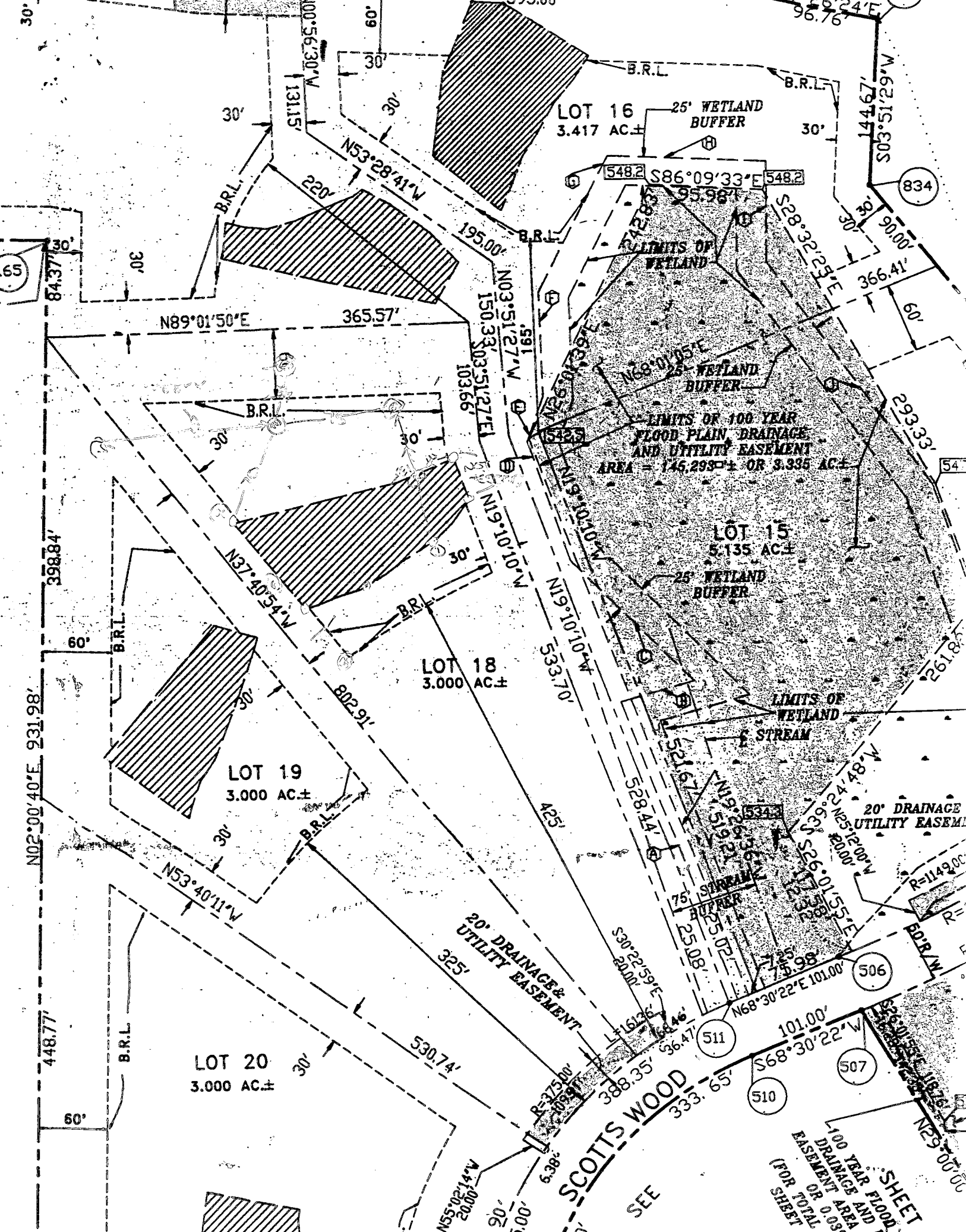
LIMITS OF WETLAND
STREAM

20' DRAINAGE
UTILITY EASEMENT

20' DRAINAGE &
UTILITY EASEMENT

SCOTT'S WOOD

SEE SHEET
100 YEAR FLOOD PLAIN
DRAINAGE AREA AND UT
EASEMENT OR 0.039A
(FOR TOTAL AT
SHEET 5

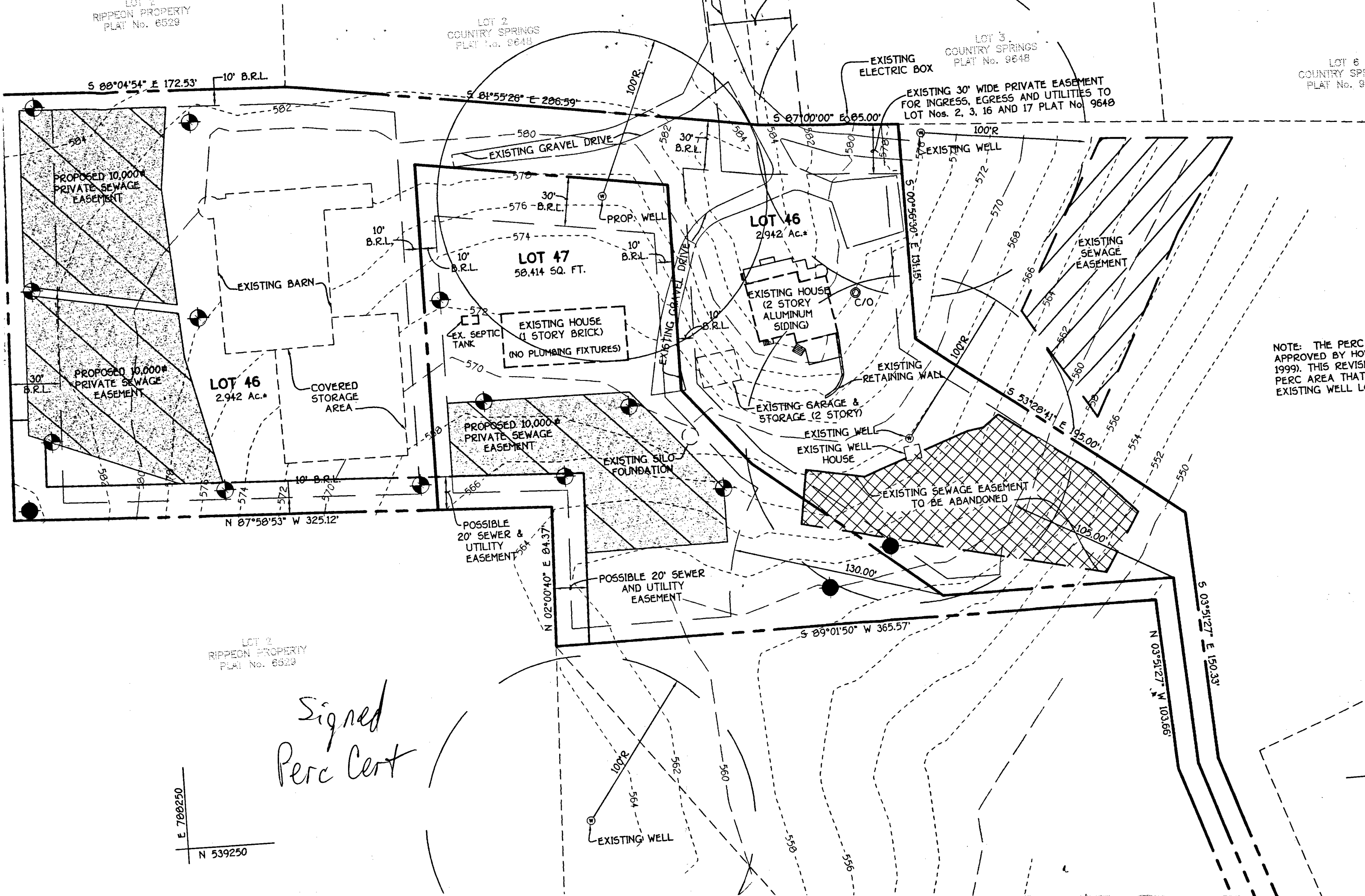


LOT 2
RIPPEON PROPERTY
PLAT No. 6529

LOT 2
COUNTRY SPRINGS
PLAT No. 9648

LOT 3
COUNTRY SPRINGS
PLAT No. 9648

LOT 6
COUNTRY SPRINGS
PLAT No. 9648



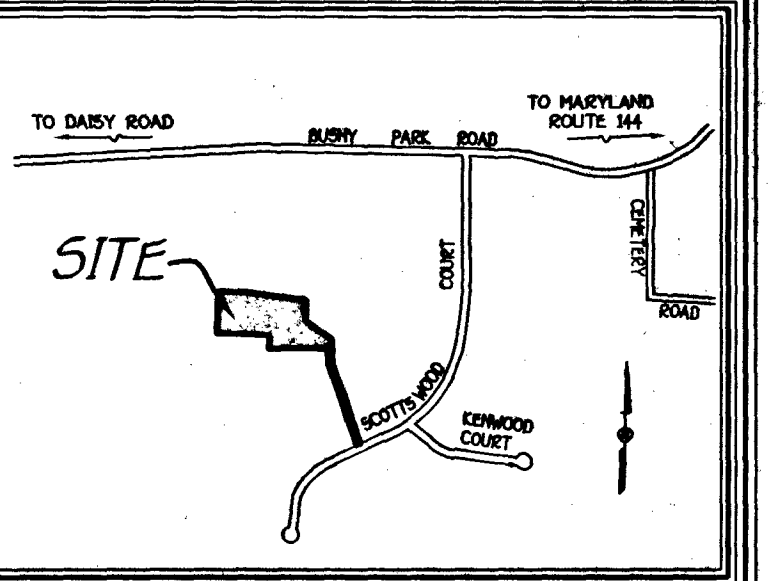
EXISTING 30' WIDE PRIVATE EASEMENT
FOR INGRESS, EGRESS AND UTILITIES TO
LOT Nos. 2, 3, 16 AND 17 PLAT No. 9648

NOTE: THE PERC
APPROVED BY HOW
1999). THIS REVISION
PERC AREA THAT
EXISTING WELL LO

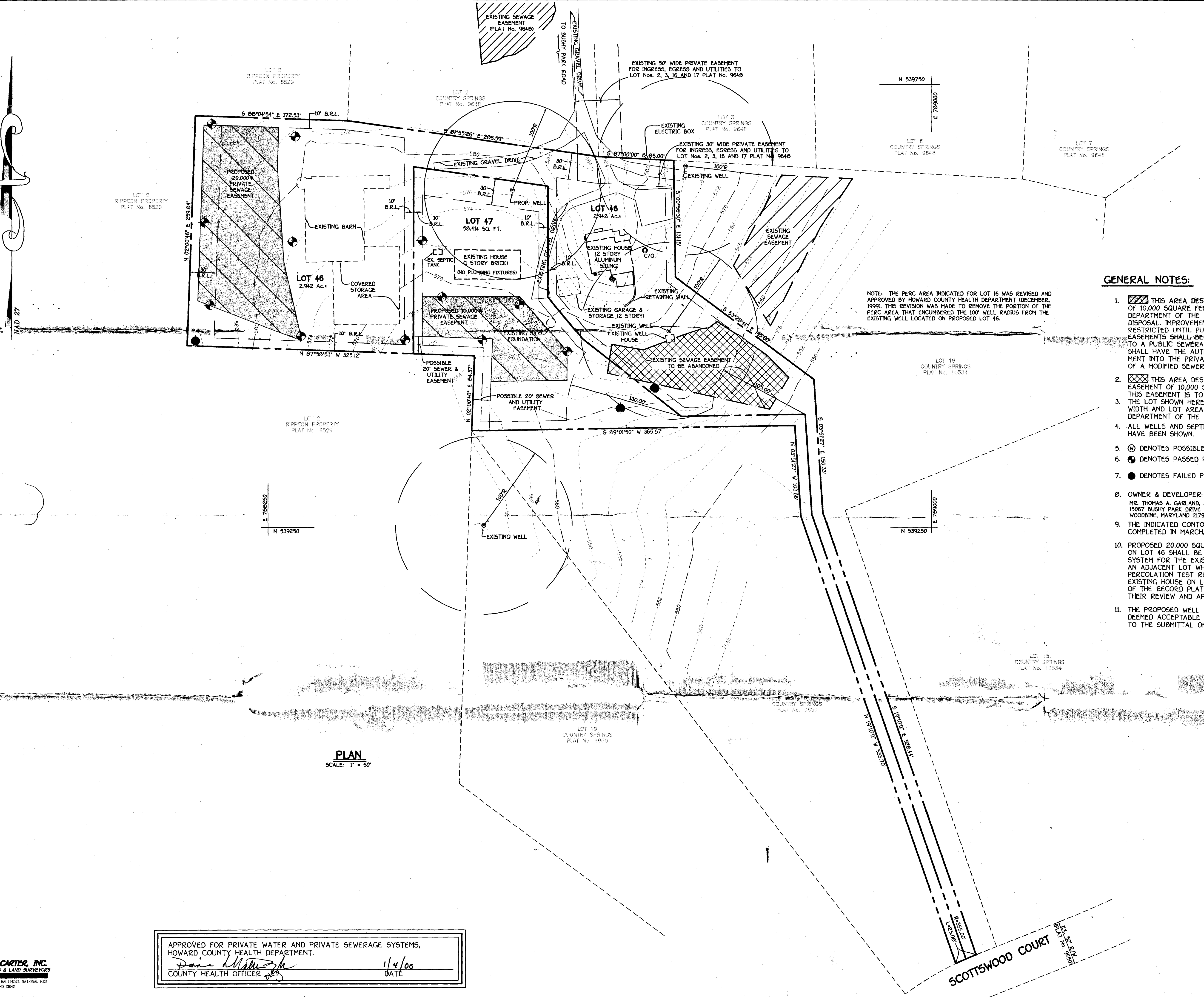
*Signed
Perc Cert*

E 700250

N 539250



VICINITY MAP
SCALE: 1" = 1200'



NOTE: THE PERC AREA INDICATED FOR LOT 16 WAS REVISED AND APPROVED BY HOWARD COUNTY HEALTH DEPARTMENT (DECEMBER, 1999). THIS REVISION WAS MADE TO REMOVE THE PORTION OF THE PERC AREA THAT ENCUMBERED THE 100' WELL RADIUS FROM THE EXISTING WELL LOCATED ON PROPOSED LOT 46.

GENERAL NOTES:

1. [Hatched Area] THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENT INTO THE PRIVATE SEWERAGE EASEMENT. RECRODATION OF A MODIFIED SEWERAGE EASEMENT SHALL NOT BE NECESSARY.
2. [Cross-hatched Area] THIS AREA DESIGNATES AN EXISTING PRIVATE SEWERAGE EASEMENT OF 10,000 SQUARE FEET AS PER RECORD PLAT NO. 9650. THIS EASEMENT IS TO BE ABANDONED.
3. THE LOT SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
4. ALL WELLS AND SEPTIC SYSTEM WITHIN 100 FEET OF THE PROPERTY HAVE BEEN SHOWN.
5. (Circle with dot) DENOTES POSSIBLE WELL LOCATION.
6. (Circle with cross) DENOTES PASSED PERC HOLE LOCATION.
7. (Circle with dot) DENOTES FAILED PERC HOLE LOCATION.
8. OWNER & DEVELOPER:
MR. THOMAS A. GARLAND, JR.
15067 BUSHY PARK DRIVE
WOODBINE, MARYLAND 21797
9. THE INDICATED CONTOURS ARE BASED ON FIELD RUN TOPOGRAPHY COMPLETED IN MARCH, 1999 BY FISHER, COLLINS AND CARTER, INC.
10. PROPOSED 20,000 SQUARE FOOT SEWAGE EASEMENT INDICATED ON LOT 46 SHALL BE USED FOR THE CONSTRUCTION OF THE NEW SEPTIC SYSTEM FOR THE EXISTING HOUSE, AS WELL AS THE POSSIBLE USE OF AN ADJACENT LOT WHICH WAS UNABLE TO OBTAIN ACCEPTABLE PERCOLATION TEST RESULTS. THE NEW SEPTIC SYSTEM SERVING THE EXISTING HOUSE ON LOT 46 MUST BE IN PLACE PRIOR TO SUBMITTAL OF THE RECORD PLAT TO HOWARD COUNTY HEALTH DEPARTMENT FOR THEIR REVIEW AND APPROVAL.
11. THE PROPOSED WELL INDICATED ON LOT 47 SHALL BE DRILLED AND DEEMED ACCEPTABLE BY HOWARD COUNTY HEALTH DEPARTMENT PRIOR TO THE SUBMITTAL OF THE RECORD PLAT FOR THEIR REVIEW AND APPROVAL.

PLAN
SCALE: 1" = 50'

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS,
HOWARD COUNTY HEALTH DEPARTMENT.
Doris M. Williams
COUNTY HEALTH OFFICER
DATE: 1/4/00

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
CENTENNIAL SQUARE OFFICE PARK - 3027 BALTRIDGE NATIONAL FILE
ELLCOTT CITY, MARYLAND 21042
(410) 461-2255

signed
PERC
RE-CERTIFICATION PLAT
COUNTRY SPRINGS
LOTS 46 AND 47
(A RESUBDIVISION OF LOT 17; COUNTRY SPRINGS, LOTS 1 - 42)
TAX MAP # 14 ZONED: RC-DEO
FOURTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
DECEMBER 30, 1999

Thu Dec 30 15:26:36 1999 \\WATSEHA\JM

RECEIVED
U.S. MARSHAL
BALTIMORE, MD

EASEMENT

This Grant of Easement, made as of this 30th day of June, 2000, by THOMAS AND LAUREL GARLAND, hereinafter called "Grantor", THE UNITED STATES DEPARTMENT OF JUSTICE, hereinafter called "Grantee" and TBI HOMES, INC., hereinafter called "Contract Purchaser".

1. WHEREAS Grantor is the owner of certain real property situate in Howard County, State of Maryland, shown as Lot 17 on the Plat entitled, "Country Springs, Lots 1 - 42 (a resubdivision of Lots 3 and 4, Rippeon Property)" which plat is recorded among the Land Records of Howard County, Maryland as Plat number 9650; which property is more particularly described in a deed dated July 12, 1996 and recorded among the Land Records of the aforesaid county in Liber 3769 at folio 381 (hereinafter referred to as the "Servient Estate"); and

2. WHEREAS Grantee is the owner of that certain real property adjacent to the Servient Estate described as Lot 18 as shown on the Plat of "Country Springs" which plat is recorded among the Land Records of Howard County, Maryland as Plat number 9650; which property is more particularly described in a deed dated October 8, 1998 recorded among the Land Records of the aforesaid county in Liber 2334 at folio 45 (hereinafter referred to as the "Dominant Estate") which property TBI Homes, Inc. has contracted to purchase pursuant to a contract dated June 30, 2000 ("Contract Purchaser"); and

3. WHEREAS it is the Grantor's intention to provide for the means of construction, installation, repair, maintenance, alteration, and operation of a joint septic field as well as an easement for purposes of performing maintenance on said septic field, on, in, through, over and across the Servient Estate for the use and benefit of both Estates.

NOW THEREFORE, in consideration of a cash payment of Ten Thousand Dollars (\$10,000.00) from Contract Purchaser and the installation of a non-gravity, pump driven Septic System, at a cost of Nine Thousand Dollars (\$9,000.00) to service the Servient Estate to be constructed and installed by Contract Purchaser, the Grantor does hereby grant and convey to the Grantee the following easement for a sewage and septic field and for access to said field to construct and maintain the septic field:

A. Grantor hereby grants and conveys to Grantee and its successors and assigns the right to, and a perpetual easement for, the installation, construction, maintenance, alteration, and operation of a septic field and all related facilities and operations as well as an easement for ingress and egress over the within described area whenever it may be necessary for the purpose of installation, construction, maintenance, alteration and inspection of the septic field. The area over which the easement is granted is described on Exhibit A attached hereto and entitled "Description of A Private Access Easement And a Private Sewerage Easement Within Lot 17, Country Springs (Plat No. 9650), Fourth Election District, Howard County, Maryland" (the "Easement Area") and the easement shall run to the benefit of the Dominant Estate and burden the Servient Estate and run with

Maria T. Rose

TBI HOMES, INC. Contract Purchaser

BY: Michael Pfau (SEAL)
MICHAEL PFAU, President

THE UNITED STATES DEPARTMENT
OF JUSTICE

BY: [Signature] (SEAL)
George K. McKinney
TITLE: United States Marshal
District of Maryland

STATE OF MARYLAND, COUNTY OF Montgomery, to wit:

I HEREBY CERTIFY that on this 28th day of June, 2000, the above-named **Thomas and Laurel Garland**, husband and wife, personally appeared before me, the subscriber, a Notary Public in and for the State and County aforesaid, and made oath in due form of the law that the matters and facts set forth in the attached Easement are true and correct as therein stated.

AS WITNESS, my hand and Notarial Seal.

My Commission Expires:

ANVRADHA BERIBAL
NOTARY PUBLIC STATE OF MARYLAND
My Commission Expires July 17, 2000

Anuradha Beribal
Notary Public

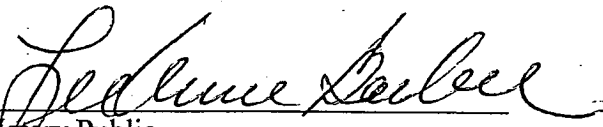
STATE OF MARYLAND, COUNTY OF Howard, to wit:

I HEREBY CERTIFY that on this 29th day of June, 2000, the above-named **Michael Pfau**, President of TBI Homes, Inc., personally appeared before me, the subscriber, a Notary Public in and for the State and County aforesaid, and made oath in due form of the law that the matters and facts set forth in the attached Easement are true and correct as therein stated and acknowledged that said Easement is in fact the act and deed of TBI Homes, Inc. and that he is authorized to execute this Easement on behalf of TBI Homes, Inc.

AS WITNESS, my hand and Notarial Seal.

My Commission Expires:

Lee Anne Barbee, Notary Public
Howard County
State of Maryland
My Commission Expires Oct. 9 2000



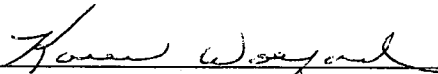
Notary Public

STATE OF MARYLAND, COUNTY OF Baltimore, to wit:

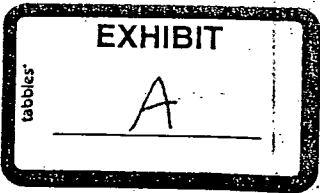
I HEREBY CERTIFY that on this 30th day of June, 2000, the above-named George K. McKinney, personally appeared before me, the subscriber, a Notary Public in and for the State and County aforesaid, and made oath in due form of the law that the matters and facts set forth in the attached Easement are true and correct as therein stated and acknowledged that said Easement is in fact the act and deed of the United States Department of Justice and that he is authorized to execute this Easement on behalf of the United States Department of Justice.

AS WITNESS, my hand and Notarial Seal.

My Commission Expires: 03/01/04


Notary Public

Realestate/easement/country springs septic



June 5, 2000

**DESCRIPTION
OF A PRIVATE ACCESS EASEMENT
AND A PRIVATE SEWERAGE EASEMENT
WITHIN LOT 17
COUNTRY SPRINGS (PLAT NO. 9650)
FOURTH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND**

PART ONE (PRIVATE ACCESS EASEMENT):

BEGINNING for the same at a point on the South 89°01'50" West 365.57 foot line of Lot 17 as shown on a plat entitled "Country Springs, Lots 1 thru 42" and recorded among the Land Records of Howard County, Maryland as Plat No. 9650; said point being 20.03 feet from the end thereof and leaving said point of beginning and binding along the remainder of said South 89°01'50" West 365.57 foot line of Lot 17 and continuing along the outline of said Lot 17 the following three (3) courses and distances, viz.:

- 1) South 89°01'50" West 20.03 feet
- 2) North 02°00'40" East 84.37 feet
- 3) North 87°58'53" West 325.12 feet and
- 4) North 02°00'46" East 61.51 feet and leaving the outline of said Lot 17 and running within Lot 17 the following four (4) courses and distances, viz.:
- 5) South 87°59'14" East 20.00 feet
- 6) South 02°00'46" West 41.52 feet
- 7) South 87°58'53" East 325.12 feet
- 8) South 02°00'40" West 103.33 feet to the point of beginning.

PART TWO (PRIVATE SEWERAGE EASEMENT):

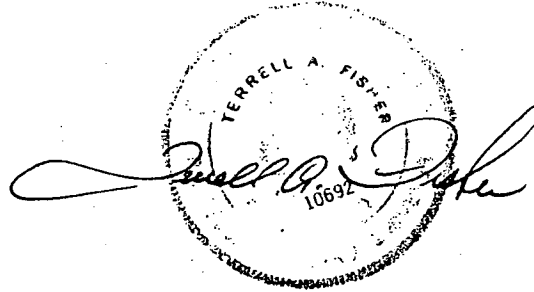
BEGINNING for the same at a point on the Seventh line or South 87°58'53" East 325.12 foot line of the hereinabove described Part One; said point being 217.96 feet from the end thereof and leaving said point of beginning and binding reversely along part of said Seventh line,

**FISHER,
COLLINS
&
CARTER,
NC.**

*CIVIL ENGINEERING CONSULTANTS
and LAND SURVEYORS*

0272 Baltimore National Pike
Bicoll City, Maryland 21042
110) 461-2855
3x (410) 750-3784

- 1) North 87°58'53" West 26.19 feet and leaving said Seventh line and running within said Lot 17, the following six (6) courses and distances, viz.:
- 2) North 68°52'19" West 96.28 feet
- 3) North 02°00'46" East 198.34 feet
- 4) South 88°04'54" East 84.87 feet
- 5) South 01°55'06" West 44.15 feet
- 6) South 03°58'05" East 107.98 feet
- 7) South 12°56'43" East 81.21 feet to the point of beginning.



Prepared By TAF

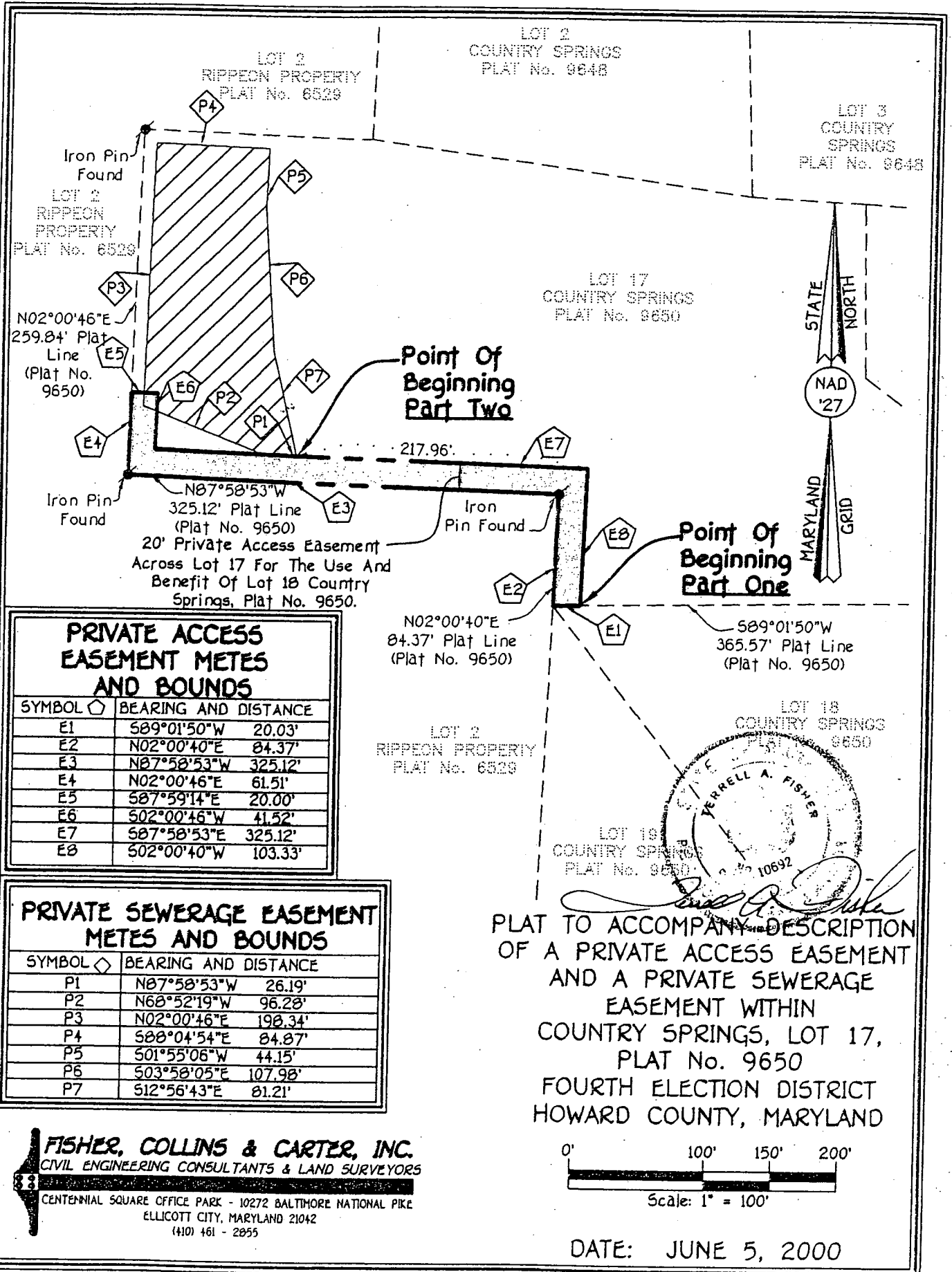
Checked By TAF

WO #71200

**FISHER,
COLLINS
&
CARTER,
INC.**

**CIVIL ENGINEERING CONSULTANTS
and LAND SURVEYORS**

0272 Baltimore National Pike
Baltimore City, Maryland 21042
410) 461-2855
ax (410) 750-3784



**PRIVATE ACCESS
EASEMENT METES
AND BOUNDS**

SYMBOL	BEARING AND DISTANCE
E1	S89°01'50"W 20.03'
E2	N02°00'40"E 84.37'
E3	N87°58'53"W 325.12'
E4	N02°00'46"E 61.51'
E5	S87°59'14"E 20.00'
E6	S02°00'46"W 41.52'
E7	S87°58'53"E 325.12'
E8	S02°00'40"W 103.33'

**PRIVATE SEWERAGE EASEMENT
METES AND BOUNDS**

SYMBOL	BEARING AND DISTANCE
P1	N87°58'53"W 26.19'
P2	N68°52'19"W 96.28'
P3	N02°00'46"E 198.34'
P4	S88°04'54"E 84.87'
P5	S01°55'08"W 44.15'
P6	S03°58'05"E 107.98'
P7	S12°56'43"E 81.21'

FISHER, COLLINS & CARTER, INC.
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
 CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
 ELLICOTT CITY, MARYLAND 21042
 (410) 461 - 2855

LOT 18
 COUNTRY SPRINGS
 PLAT No. 9650

LOT 19
 COUNTRY SPRINGS
 PLAT No. 9650

LOT 2
 RIPPEON PROPERTY
 PLAT No. 6529

LOT 17
 COUNTRY SPRINGS
 PLAT No. 9650

LOT 2
 COUNTRY SPRINGS
 PLAT No. 9648

LOT 3
 COUNTRY SPRINGS
 PLAT No. 9648

LOT 2
 RIPPEON PROPERTY
 PLAT No. 6529

Iron Pin Found

Iron Pin Found

Iron Pin Found

Point Of Beginning Part Two

Point Of Beginning Part One

STATE NORTH

MARYLAND GRID

NAD '27

N02°00'46"E
 259.84' Plat Line
 (Plat No. 9650)

N07°58'53"W
 325.12' Plat Line
 (Plat No. 9650)

20' Private Access Easement
 Across Lot 17 For The Use And
 Benefit Of Lot 18 Country
 Springs, Plat No. 9650.

217.96'

N02°00'40"E
 84.37' Plat Line
 (Plat No. 9650)

S89°01'50"W
 365.57' Plat Line
 (Plat No. 9650)

0' 100' 150' 200'

Scale: 1" = 100'

DATE: JUNE 5, 2000

PLAT TO ACCOMPANY DESCRIPTION
 OF A PRIVATE ACCESS EASEMENT
 AND A PRIVATE SEWERAGE
 EASEMENT WITHIN
 COUNTRY SPRINGS, LOT 17,
 PLAT No. 9650
 FOURTH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

TERRELL A. FISHER

10692



HOWARD COUNTY HEALTH DEPARTMENT

Diane L. Matuszak, M.D., M.P.H., County Health Officer

June 28, 2000

To: Tom Garland
15067 Bushy Park Rd. Woodbine, Md. 21797

From: Craig Williams (CW) Sanitarian

Re: Pending Zoning Appeals Case
Brick Rancher
Lot 17 Country Springs Subdivision

The purpose of this letter is to respond to your request for comment from the Health Department, suitable for presentation to the Zoning Board of Appeals, about progress-to-date on resolving certain issue affecting the above referenced property.

At the time of the original subdivision, this lot was established with an existing occupied two-story dwelling. As is common for lots created around existing houses, percolation testing was conducted to demonstrate sufficient area for future septic system replacement when needed; the conditions of the existing well and septic system were accepted "as is" after cursory inspection.

Sometime after subdivision of the lot, a second dwelling, the brick rancher, was erected and its septic system was installed, without benefit of permit review. When this circumstance was brought to our attention, the agency requested that you conduct percolation testing to establish adequate area for septic system installation and future repair for this house.

In the ensuing evaluation, site conditions in the immediate vicinity of the two houses were found to be insufficient to accommodate the well and septic requirements of both houses; additional area somewhat remote from the structures was required to develop a potential solution. The depiction of the arrangement that could best resolve these issues is an exhibit prepared December 30, 1999 by FCC Associates, titled "Perc Re-certification Plat Country Springs Lots 46 and 47", with Health Officer signature dated 1/4/00.

Even though the lot configuration is somewhat unusual, more septic area than necessary has been established. If the proposal were to be accepted, that additional septic area could be of potential benefit to adjoining Lot 18. Unreviewed enlargement of the pond rendered the intended septic area for that property unusable. Soil and site conditions at all other possible locations on lot 18 have also been found unsuited to conventional septic system installation.

Should the proposal not be acceptable, there may be no other means to satisfy the septic system requirements of both houses and it is not to be assumed that there would be continued willingness to offer a solution for the separate but similar dilemma afflicting Lot 18.

Tom & Laurie Garland
15067 Bushy Park Rd
Woodbine, MD 21797
(410)489-4404

May 30, 2000

Mr. Craig Williams
Howard County Bureau of Environmental Health
3525-H Ellicott Mills Drive
Ellicott City, MD 21043-4544

Re: Brick Rancher, Lot 17, Country Springs

Dear Craig:

Pursuant to our conversation of May 25, I am requesting a letter from you describing my efforts to bring the above referenced Brick Rancher into compliance, with regards to the concerns of your department.

As you are aware, the major hurdle in my quest to "legalize" the Rancher is the approval by the Appeals Board for a zoning variance to subdivide my property. Key to approval of that variance is the Okay from your department indicating that, not only is the property large enough to accommodate an additional septic system, it has already been tested and approved by Kim Soe.

I feel that a short letter from you would be of tremendous assistance to the Appeals Board by explaining your previous concerns and the remedy provided by this subdivision. To para phrase your words from an earlier discussion, "this subdivision is the cure for an existing violation". I would also hope that you could make mention of the following facts:

1. The existence of the Brick Rancher pre dated my ownership.
2. I began this process, with your department, several years ago (I believe I first contacted you about the Rancher in 1997).
2. Your department's approval of the subdivision was contingent upon it meeting all of the requirements of the Bureau of Environmental Health, including those which may have existed prior to my ownership or were as yet unknown to your department.

Should you have any questions or concerns please do not hesitate in contacting me. I appreciate your help and hope that you will convey my thanks to Kim and Mark for their efforts over the past few years, as well.

Very Truly Yours,

Thomas A. Garland, Jr.

QUICK NOTE

11/8/98 Potential Buyer

Luanne Paci inquired about WSI & buildable status of Lot 18 Country Springs

- Site inspection revealed SBA to be approx 60' from pond & lower portion @ same elevation as pond
 - Told Ms. Paci this is a problem - only fixable w/ additional testing - could be held for wet season
 - Told builder Howard Saslow same - will call when testing is scheduled
 - Spoke w/ L & Foster realtor Bob Hodgkiss additional testing necessary - He will contact owner - U.S. Marshal Service & get back w/ me.
- 1-15-98 Spoke w/ Ernie of Fogles - the U.S. Marshall service had contacted them to set up a perc date - It was reserved for Thursday, Jan 21, 1998 - called Luanne Paci & builder.



LINEMARK PRINTING INC

1220 Caraway Court, Suite 1040, Largo, MD 20774

301.925.9000 ■ Fax: 301.925.8852 ■ www.linemark.com

B 1 18671

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

STATE PERMIT NUMBER

HO-94-2834

fill in this form completely

W514158 please print or type

Date Received (APA)

07/28/00

OWNER INFORMATION

FBI HOMES INC
Last Name Owner First Name
7320 GRACE DR.
Columbia MD 21044

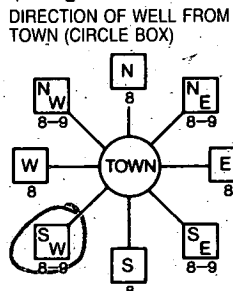
LOCATION OF WELL

Howard
COUNTY
Country Springs
SUBDIVISION
SECTION 44 46 LOT 18 48 50
Cooksville Woodbine
NEAREST TOWN
MILES FROM TOWN (enter 0 if in town) 2 M 73 76 77 78

DRILLER INFORMATION

Ralph MAYNE M SD 117
Driller's Name License No.
Ralph MAYNE well drilling
Firm Name
87024 Handy Rd. Mt Airy
Address
Ralph E Wayne 7-27-00
Signature Date

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Scottwood Ct
NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

34 800 37
DISTANCE FROM ROAD
ENTER FT OR MI 38 39

WELL INFORMATION

APPROX. PUMPING RATE 5
(GAL. PER MIN.)
AVERAGE DAILY QUANTITY NEEDED 500
(GAL. PER DAY)

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION
FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
INDUSTRIAL, COMMERCIAL, DEWATERING
PUBLIC WATER SUPPLY WELL
TEST, OBSERVATION, MONITORING
GEO-THERMAL

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard
COUNTY NAME
COUNTY NO.
STATE SIGNATURE
DATE ISSUED 08/22/00
CO SIGNATURE
NORTH GRID 539 000 EAST GRID 0789 000

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
other

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X
SOURCES OF DRILLING WATER
1 well
2.
3.

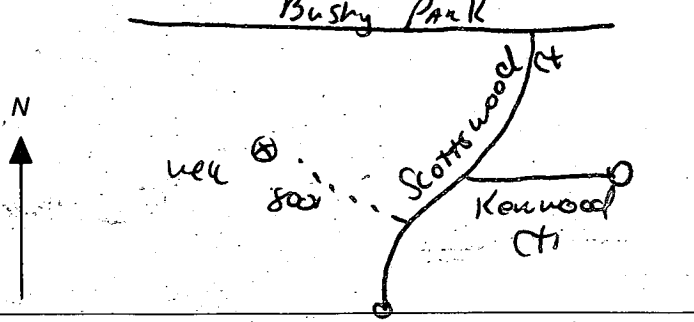
9/13/00
8:00 GROUT
9/13/00
No Inspection
RB

WRITE THE BOX NUMBER FROM THE MAP HERE
E 5389
N 5389

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

- THIS WELL WILL NOT REPLACE AN EXISTING WELL
THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS
THIS WELL WILL DEEPEM AN EXISTING WELL

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



Not to be filled in, by driller (MDE OR COUNTY USE ONLY)

APPROP. PERMIT NUMBER
PERMIT No. HO 94-2834

SPECIAL CONDITIONS

NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

C1 08013

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT FILL IN THIS FORM COMPLETELY PLEASE TYPE

THIS REPORT MUST BE SUBMITTED AFTER WELL IS COMPLETED. 4/13/00 ON 88 COUNTY NUMBER 17 SRU

ST/CO USE ONLY DATE RECEIVED MM DD YY 8 13

DATE WELL COMPLETED 05-13-00 22 185 26 DEPTH OF WELL (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-94-2834

OWNER STREET OR RFD last name first name Scottswood Ct TOWN SUBDIVISION County Springs SECTION LOT 18

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, Brown Slate 2 40, Blue Slate 40 45, Blue Slate 45 65, Brown Slate 65 70, Blue Slate 70 185.

GROUTING RECORD yes no (Y) (N) WELL HAS BEEN GROUTED (Circle Appropriate Box) TYPE OF GROUTING MATERIAL (Circle one) CEMENT (CM) BENTONITE CLAY (BC) NO. OF BAGS 14 NO. OF POUNDS 1400 GALLONS OF WATER 84 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 30+ ft.

CASING RECORD casing types insert appropriate code below (ST) (CO) (PL) (OT) MAIN CASING TYPE (PL) Nominal diameter top (main) casing (nearest inch) 6 Total depth of main casing (nearest foot) 50

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

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

NUMBER OF UNSUCCESSFUL WELLS: 0 WELL HYDROFRACTURED (Y) (N)

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 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 LIC. NO. 1 MS D 112 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) LIC. NO. 1 D

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

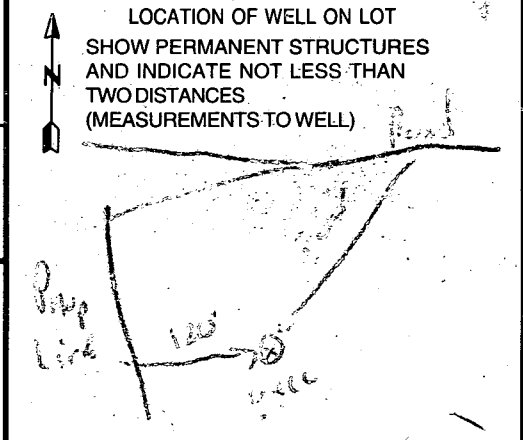
C 2 DEPTH (nearest ft.) 8 9 11 15 17 21 23 24 26 30 32 36 38 39 41 45 47 51 SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH) 56 60 from to

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

MDE 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

C 3 PUMPING TEST 1 2 HOURS PUMPED (nearest hour) 3 8 9 8.5 PUMPING RATE (gal. per min.) 11 15 8.5 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 17 20 21 ft. WHEN PUMPING 22 25 51 ft. 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 INSTALLED PUMP YES (NO) IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS. TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29 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 () below LAND SURFACE 2 (nearest foot) 49 51





HOWARD COUNTY HEALTH DEPARTMENT

Joyce M. Boyd, M.D., County Health Officer

February 1, 1999

Mr. and Mrs. Joseph Paci
6132 Good Hunter Ride
Columbia, Maryland 21045

RE: Percolation Test Results
Country Springs, Lot #18
Scottswood Court

Dear Mr. and Mrs. Paci:

Percolation testing was conducted January 21, 1999 on the above referenced property in order to resolve concern about the integrity of the existing septic area. (A concern was raised upon site inspection in response to a well permit application for the lot.) A copy of the percolation test results is enclosed.

Reevaluation of the lot revealed that little if any of the existing septic area remains suitable for installation of a conventional septic system. However, soil conditions encountered as well as existing landscape indicate that an alternative septic system design may be an option. Should an alternative septic system design be appropriate for this property, please be advised that the installation cost for the system generally runs three to four times the cost of installation of a conventional gravity trench septic system.

As requested at the site at the time of the reevaluation, a plan with field located test holes was submitted to this office by Mr. Timothy Prigg. Please find enclosed a "marked up" copy of the test plan indicating an area potentially suitable for an alternative septic system installation. As previously discussed, supplemental testing shall be necessary in this area prior to final system determination.

Thank you in advance for your time and attention in this matter. If you have any other questions or concerns, please contact me at the address below or by calling (410) 313-2640.

Sincerely,

Donna K. Soe, R.S.

Water and Sewerage Program

DKS

Enclosure

cc: U.S. Marshall Service
Coldwell Banker - Kim Huston
Long & Foster - Bob Hodgkiss
Fogle's Septic Service - Kurt Cassell

file

3/17/99 11:00
Howard Suslow
Craig Williams

- If sand mound perc rates are less than 60 mpi, we can approve sm or other alternative design internally (drip)
- If sm rates are greater than 60 mpi, need MDE approval



1/29/99
Best hole locations
accurate

January 21, 1999

Mr. Craig Williams
Ms. Kim Soe
Howard County Dept. of Environmental Health
3525-H Ellicott Mills Drive
Ellicott City, MD 21043

Re: Lot 18 – Country Springs
Test Pit Locations


Dear Mr. Williams and Ms. Soe:

Attached please find a drawing showing the locations of the test pits that were excavated on site this morning.

I indicated to Luanne Paci, the prospective buyer, that you would be looking at the soil information and the test pit locations to develop a preliminary "potential" septic easement area that would utilize a sand-mound system. We understand that this area will be a "best guess" and that the location and size of the final easement will be dependent on the results of future investigations. We are anxious to receive your preliminary location so that we can begin to evaluate its impact on the remaining buildable area of the site.

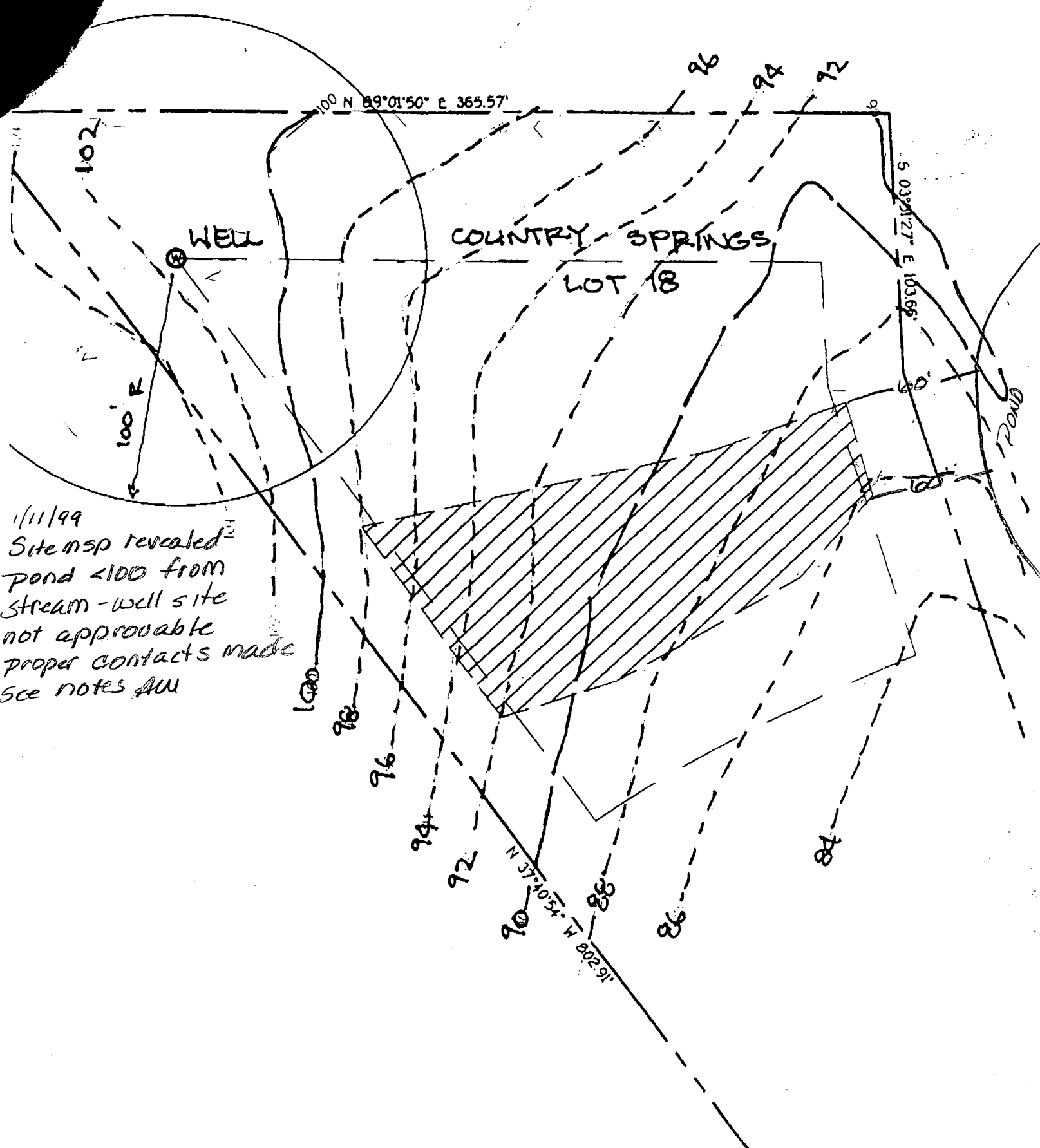
Thank you for your help with this project. If we can provide any additional information, or answer any questions, please do not hesitate to contact us.

Sincerely,
Timothy Prigg+Associates


Timothy T. Prigg, ASLA
Owner

Enclosure (1)

Cc: Luanne & Joe Paci
Howard Saslow



11/11/99
 Site msp revealed
 pond <100 from
 stream - well site
 not approvable
 proper contacts made
 see notes AW



HOWARD COUNTY HEALTH DEPARTMENT

Joyce M. Boyd, M.D., County Health Officer

October 21, 1998

To: Whom it may concern

From: Craig Williams (CW)

Status report: Country Springs Lots 14 and 15

Problems have been discovered with the platted sewage disposal easement on lot 14; it has been determined that the only reasonable solution is for an offsite on lot 15. **Permits of any kind should not be issued on either lot until arrangements have been recorded, either deeded or platted, for both lots.**

The problem with the septic easement on lot 14 is that it is closer than regulations allow to the pond, and regardless of the separation issue, soil conditions in the platted easement have been confirmed to be unsuitable to septic system installation due to elevated groundwater levels. This occurred because the pond was enlarged without Health Department review after the subdivision plat establishing the easement was approved.

This condition was discovered during a well permit site inspection in the spring of 1996, and communicated to both the permit applicant and the property owner of record at that time. Several items in the property file document notification and efforts to remediate.

A plan of correction and deeded easement language were submitted in March of 1997 by Chuck Crovo, engineer for FCC, but there is no indication of final action on those documents. Presumably, the responsible party discontinued contact with the project.

Recent contact with a potential buyer for lot 14 suggests that the properties have since changed hands and are no longer under common ownership. Since lot 15 is the key to resolution of problems on lot 14, permits should not be processed for lot 15 until we are certain of the arrangements for lot 14.

cc: both lot files

PROPOSED PENC PLAN 5/16/98
DEED LANGUAGE IN FILE
NO EVIDENCE LANGUAGE
WAS EVER RECORDED
12-17-98
3/26/97
REASONABLE PLAN
OF RECORDATION
SEE 12/3/98 LETTER
SUBMITTED BY CARMAN ASSOC.

* DRAFT
TO FILES

442-1045

May 28, 1996

Carman Associates
1750 Daisy Road
Woodbine, Maryland 21797
Attn: Mr. Ron Carter

RE: Country Springs Subdivision

Dear Mr. Carter:

Previously we had discussed concern about potential complications with the septic area on Lot #15, Country Springs. As requested by this office, observational percolation tests were performed and confirmed a water table problem that will require remediation. You have indicated that you will pursue resolution once access to an adjoining property is arranged.

Review of the records for the remainder of this subdivision leads to similar concerns with the septic areas on lots #16, 17, and 18. While these lots are not as close to the pond as lot #15, the septic areas on each of these lots are at elevations and location suggesting these septic areas may also be at risk for water table problems.

This is to request that observation percolation tests for water table assessment be performed on the above mentioned lots to confirm whether or not a problem exists. This office will not continue well permit or building permit review on any of the above mentioned lots until there is confirmation of adequate septic area on each lot.

These percolation tests need to be conducted during the wet season, which normally ends April 30. However, since water table levels have stayed unusually high this year, wet season assessments can still be performed through the first week of June, 1996. If testing is not accomplished by then, wet season observation tests will likely be delayed until next year.

Thank you in advance for your cooperation and prompt attention to this matter. If you have any questions or concerns, please contact me at the address below or by calling (410) 313-2640.

Sincerely,

Craig Williams, Program Director
Water and Sewerage Program

CW:dks
cc: file

1309
FAILED
PERG
Ⓟ

S 89°01'50" W 365.57'

N 03°51'27" W 103.66'

S 03°51'27" E 150.33'

N 539250
E 793000

N 539250

WELL
100' R.
BATH DIVE TO
DIVERST
WATER

PUMP TANK
SEPTIC TANK

LOD
552
553
555.00 GAR

Deck 546
Deck 545.00
Deck 545.00

8'x12'
Porch Add.

FF 554.50
BE 545.50

9/26/02
Proposed Deeds
and Patch O.K.
BB

S 37°40'54" E 802.91'

N 19°10'11" W 533.70'

S 19°10'11" E 528.44'

L=66.46
R=355.00

R=25.00
L=25.00

SCOTTSWO