

# 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 8/15/95

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 Feaga Family

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

AGENT OR PROSPECTIVE BUYER Land Marketing Inc. C/O Tim Feaga

ADDRESS 3243 Bethany Lane Ellicott City 21042 PHONE 313-8808

PROPERTY LOCATION:

SUBDIVISION Feaga Property LOT NO. 5256

ROAD AND DESCRIPTION Rt 144 + Folly Quarter Rd

TAX MAP 16+23 PARCEL # 34+63

SIZE OF LOT 1 acre +/- 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.

Mark Reich  
(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

1157

0' orange brn Salm micaceous  
 3.5' dark brown Salm micaceous  
 15-20% decayed shale multi-colored (white/orange/red/blk) water

1154

2' pink Salm very micaceous  
 dark brn grey Salm  
 30-40% 1" hard mica chunks  
 5' dark red/brn large grained Salm micaceous

1155

2.5' red brn Salm micaceous  
 dark blk brn Salm micaceous  
 10.5' water

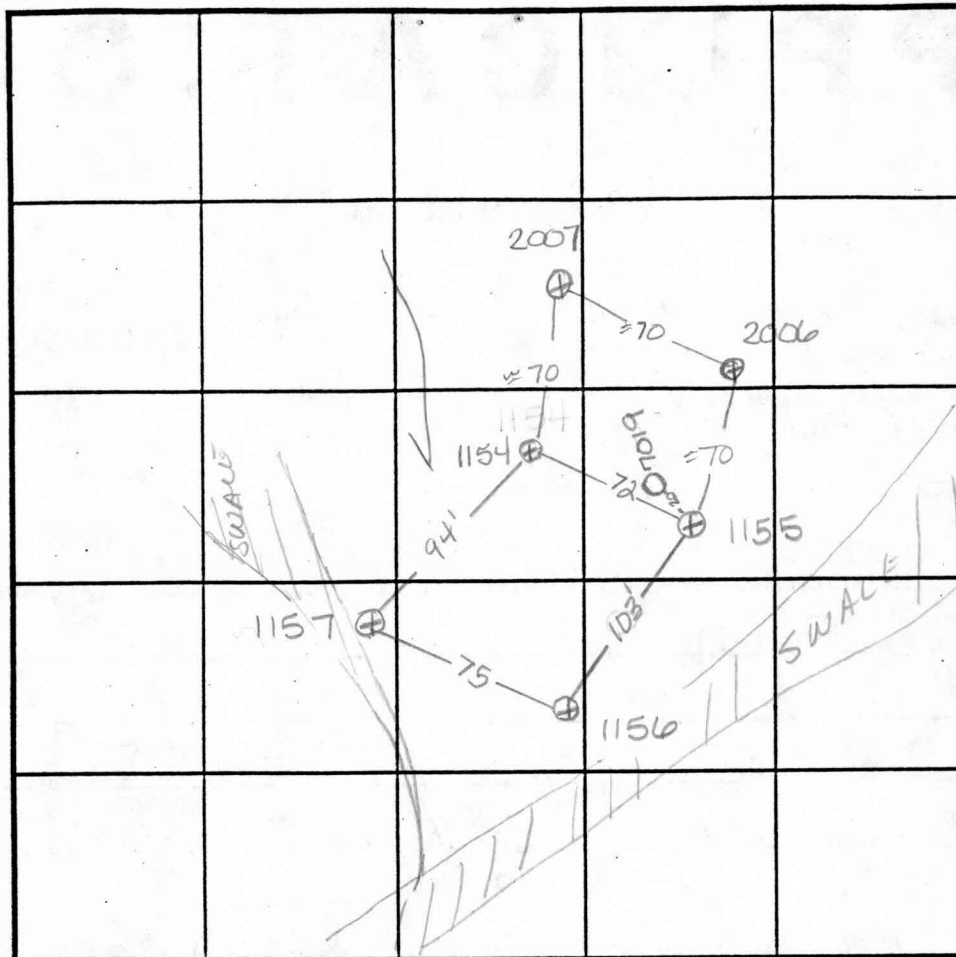
SOIL PROFILE

1056

0' dark brn orange Salm  
 3' grey orange mottled Salm  
 5' dark blk brn micaceous Salm  
 7' water

2006 2007

12.5' 1/4 orange Salm  
 2.5' orange tan Salm micaceous white decayed quartz pocket throughout



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
9-11-95	1157	3' / 10.5'	12:03 <sup>30</sup>	12:04	12:04	12:05 <sup>30</sup>	1 1/2 min	F
	1154	3' / 11'	11:54	11:58	11:58	12:08	10 min	
	1154	7' / 11'	11:53	11:55	11:55	11:57	2 min	F
	1155	Visual	see profile		---			F
	1156	Visual	see profile		---			F
9-18-95	2006	2.5' / 12.5'	1:02	1:03	1:03	1:06 <sup>30</sup>	3 1/2 min	
	2007	3' / 12'	12:58	12:59	12:59	1:01	2 min	F
12-10-96	7019	Water @ 5.5'	- clay to 5.0		---			F

REMARKS wet season

TYPE OF SOIL \_\_\_\_\_

TESTED BY Amy McMullen ALSO PRESENT Mark Reich

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 8/15/95

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 Feaga Family

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

AGENT OR PROSPECTIVE BUYER Land Marketing, Inc. C/O Tim Feaga

ADDRESS 3243 Bethany Lane Ellicott City PHONE 313-8808  
21042

PROPERTY LOCATION:

SUBDIVISION Feaga Property LOT NO. 5/3 50 57

ROAD AND DESCRIPTION Rt 144 + Folly Quarter Rd

TAX MAP 16 + 23 PARCEL # 34 + 63

SIZE OF LOT 1 acre +/- 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.

Mark Reich  
(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' 1161 1158  
 brn red  
 SiClm  
 micaceous  
 2.5  
 tan  
 brn  
 Salm  
 micaceous  
 Sub-angular  
 blocky  
 Strong  
 Structure  
 7  
 lgt grey  
 Sandy  
 locum w/  
 pockets of  
 decayed quartz  
 white/orange  
 mottles  
 12

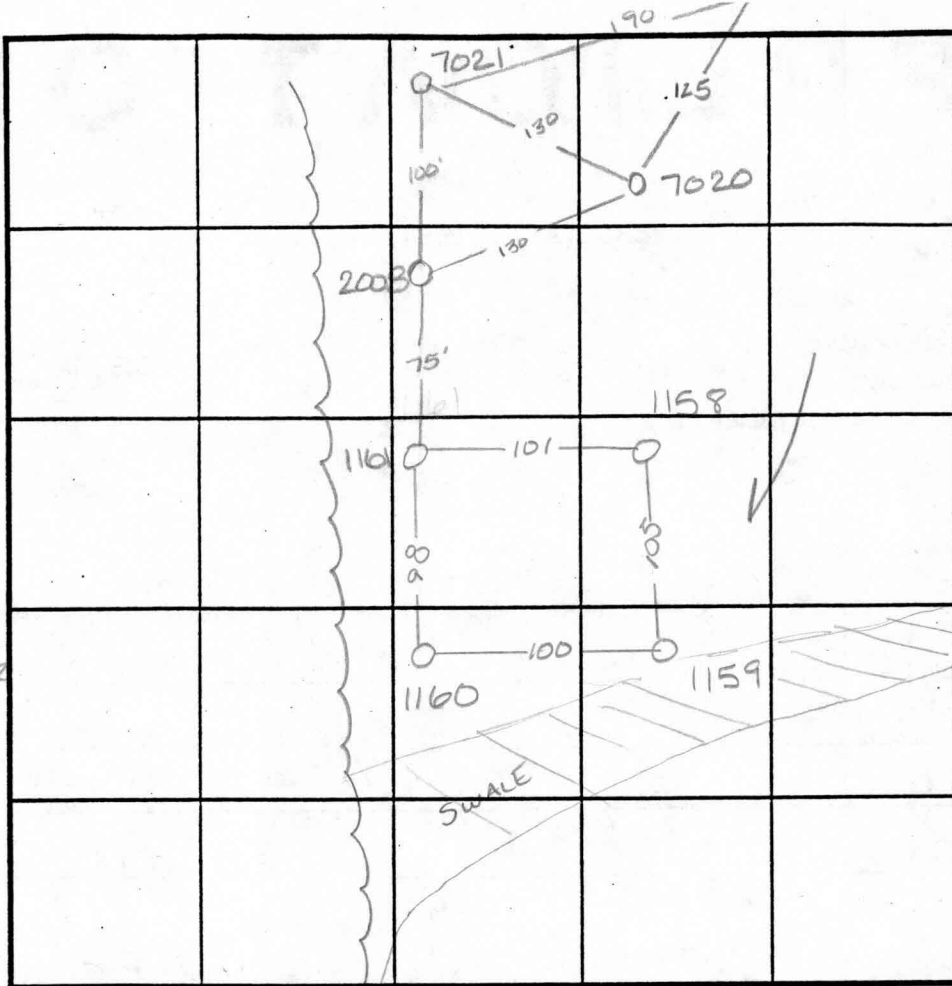
1160

horizontal  
 bedding  
 orange  
 tan matrix  
 color  
 layers of  
 bright orange  
 SaClm  
 3'

tan grey  
 matrix  
 color  
 decayed  
 shale  
 20%  
 micaceous  
 Salm  
 12'

1159

bright  
 orange  
 Clm  
 w/  
 grey  
 mottles  
 4'  
 mottled  
 grey/orange  
 Salm  
 micaceous  
 few large  
 rocks  
 7'  
 water  
 coming  
 in at  
 7'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE

0' 2008  
 lgt brn  
 red  
 SiClm  
 3.0  
 tan  
 brown  
 Salm  
 11.0 7021 7022  
 dark red  
 SiClm  
 3.0  
 dark red  
 brn SiClm  
 5.0  
 SiSalm  
 micaceous  
 pockets of  
 orange Salm  
 12.0

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
9-11-95	1161	2.5 V12	12:14 <sup>30</sup>	12:17	12:17	12:20 <sup>45</sup>	3 3/4 min
9-11-95	1161	6.5 V12	12:12	12:13	12:13	12:14 <sup>30</sup>	1 1/2 min F
	1160	2.5 V12	12:05 <sup>45</sup>	12:07 <sup>30</sup>	12:07 <sup>30</sup>	12:09 <sup>30</sup>	2 min F
	1159	Visual	to 7'	see profile			F
	1158	3 V12.5	12:04 <sup>30</sup>	12:06	12:06	12:09	3 min F
9-18-95	2008	Visual	to 11.0				OK
12-10-96	7020	See profile		H <sub>2</sub> O at 10.0'			F
	7021	See profile					OK ✓

REMARKS wet season

TYPE OF SOIL \_\_\_\_\_  
 TESTED BY Amy McMillen ALSO PRESENT Mark Reich  
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_  
 INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT./BEDROOM \_\_\_\_\_

COUNTY #

SOIL PROFILE

802

0'

bright red silty clay

---

3.0

brownish grey silty micaceous clay

---

5

SOIL PROFILE

0'

		SEE ATTACHED DIAGRAM		

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
12-10-96	802	<del>3.5</del> VII.5	1:45	1:48	1:48	1:55	7min
			INITIAL SPECS INV 3'		BOT 4.5		
			REPAIRS INV 1.5-2'		BOT 3'-3.5'		
				MR	8/14/00.		

REMARKS \_\_\_\_\_

TYPE OF SOIL \_\_\_\_\_

TESTED BY \_\_\_\_\_ ALSO PRESENT \_\_\_\_\_

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_

INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT./BEDROOM \_\_\_\_\_

SOIL DESCRIPTION

NAME Feaga Prop. - lot 57 COUNTY Howard FILE NO \_\_\_\_\_  
 SOIL MAP UNIT \_\_\_\_\_ MAP SYMBOL \_\_\_\_\_ DATE 12/3/97  
 GEOLOGIC MATERIAL \_\_\_\_\_ ELEVATION ≈ 490' GRID NO \_\_\_\_\_ E  
 NO. \_\_\_\_\_ DESCRIBED BY Amy McMillen \_\_\_\_\_ N

Horizon Test	Depth in.	Color		Texture	Structure		% Rock Fragments	Notes (Moisture, Density, Biopores, Seepage)
		Matrix	Mottles		Grade	Type		
✓ #1	0-8"	organic brn	N/A	Loam	sub <del>z</del> biky		<5%	topsoil
	8"-24"	or. brn	N/A	SaClm			<5%	micaceous
	24"-12'	dk red brown		SaLm	none		10%	no apparent mottles - decayed feldspar - mg deposits saprolitic - coarse
✓ #2	8"-26"	bright red	none apparen	SaClm	prismatic			
#2	26"-8'	orange red		SiSaLm			10%	
	8'-12'	dull brn/ grey	none apparent	SaLm	none		15%	decayed feldspar / Mg deposits possible H <sub>2</sub> O

LANDSCAPE

Position

Summit \_\_\_\_\_  
 Shoulder \_\_\_\_\_  
 Sideslope #2  
 Footslope \_\_\_\_\_

Depression #1  
 Upland \_\_\_\_\_  
 Terrace \_\_\_\_\_  
 Floodplain \_\_\_\_\_

Slope

Percent \_\_\_\_\_  
 Shape \_\_\_\_\_

SOIL DRAINAGE CLASS

ED \_\_\_\_\_ MWD \_\_\_\_\_ PD \_\_\_\_\_  
 WD \_\_\_\_\_ SPD \_\_\_\_\_ VPD \_\_\_\_\_

WATER TABLE

\_\_\_\_\_  
 \_\_\_\_\_

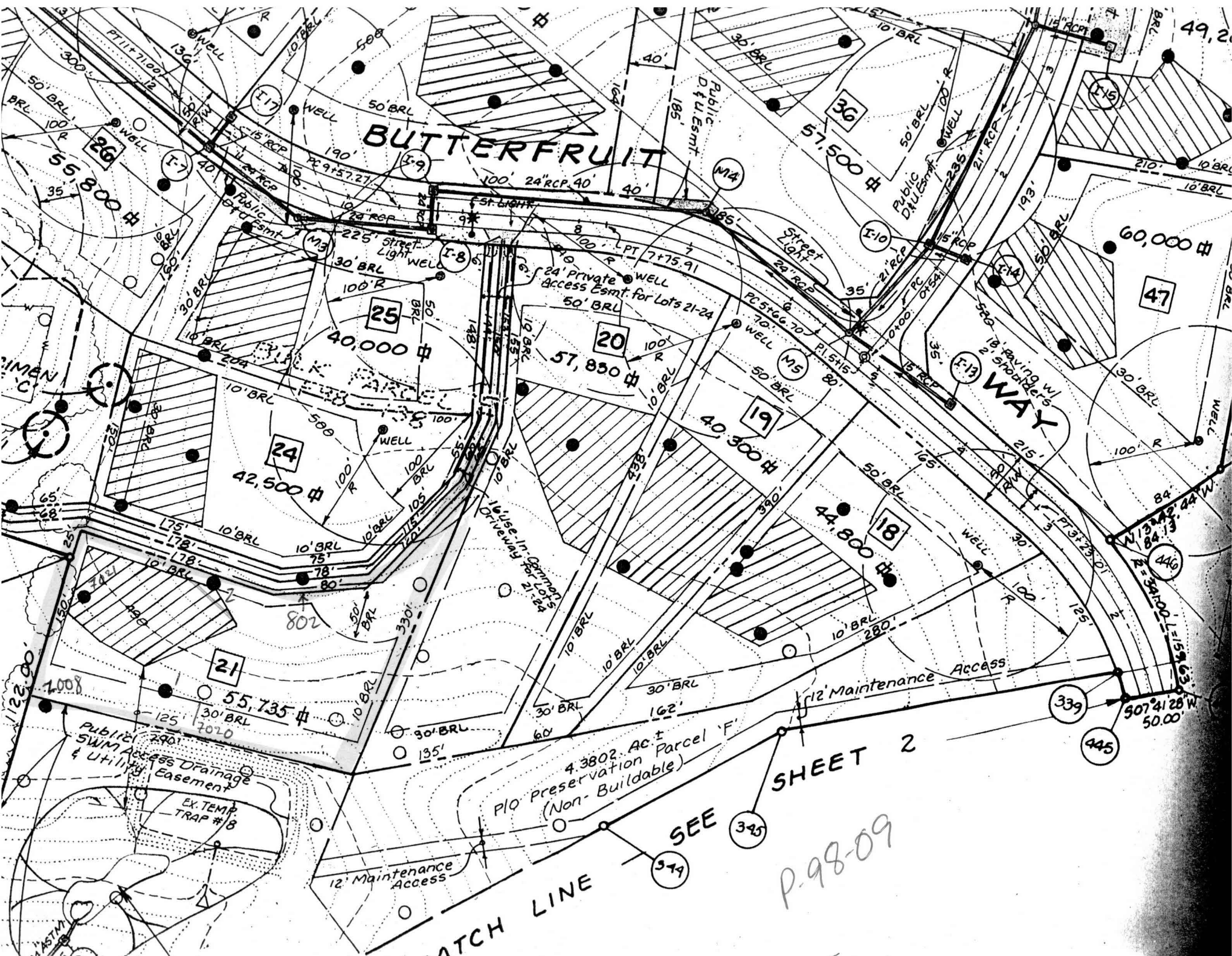
LIMITING ZONE

SOIL CLASSIFICATION

\_\_\_\_\_  
 \_\_\_\_\_



# BUTTERFRUIT



SHEET 2

MATCH LINE

SEE

P-98-09

4.3802 Ac. ±  
PLO Preservation Parcel 'F'  
(Non-Buildable)

Public Access Drainage  
Swim Access Drainage  
& Utility Easement

EX. TEMP.  
TRAP # 8

12' Maintenance  
Access

12' Maintenance  
Access

24' Private  
Access Esmt. for Lots 21-24

WAY

49,2

47

446

339

445

345

349

21

55,735 \$

24

42,500 \$

25

40,000 \$

20

57,850 \$

19

40,300 \$

18

44,800 \$

26

55,800 \$

36

57,500 \$

60,000 \$

WIMEN  
C

1008

WASTM

507' 41" 28" W  
50.00'

84  
N 13° 24' 24" W  
84.13'  
84.13' 15.9' S

30' BRL

100' R

72' B

72' B

10' BRL

10' BRL

210' 10' BRL

15' RCP

10' BRL

10' BRL

15' RCP

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

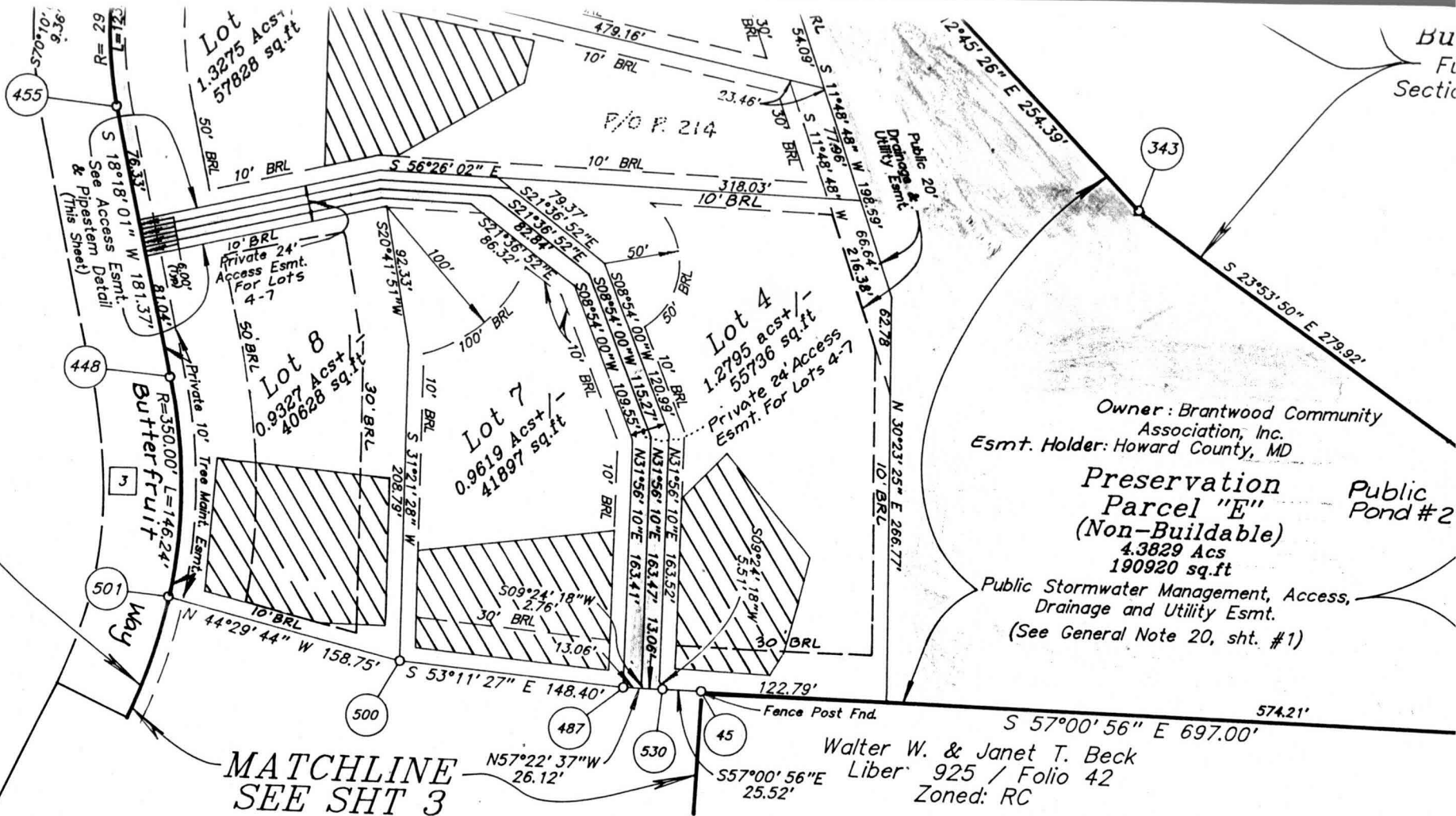
10' BRL

10' BRL

10' BRL

10' BRL

MATCHLINE



F-99-140

# SURVEYOR'S CERTIFICATE

I hereby certify that the Final Plat shown hereon is correct, that it is a subdivision of part of the lands conveyed by, Charles C. Feaga, Paul J. Feaga, Mary Martha Thompson, Marian Elizabeth Feaga, and Laura Freund Feaga to David A. Carney and Laurence B. Raber, Trustees by deed dated the 3rd day of February, 1999 and recorded among the Land Records of Howard County, Maryland in Liber 4635, Folio 656 and by David A. Carney, Trustee and Laurence B. Raber, Trustee (collectively, the "Trustees") and NVR Homes, Inc. as successor by merger to NVR Homes, Inc. a corporation organized and existing under the law of Maryland ("NVR") by an "Amendatory and Confirmatory Deed of Exchange and Declaration of Merger" dated the 6th day of March, 1999 and recorded among the Land Records of Howard County, Maryland in Liber 4730, Folio 269 and that all monuments are in place or will be in place prior to the acceptance of the subdivision by Howard County, as shown, in accordance with the Annotated Code of Maryland, amended.

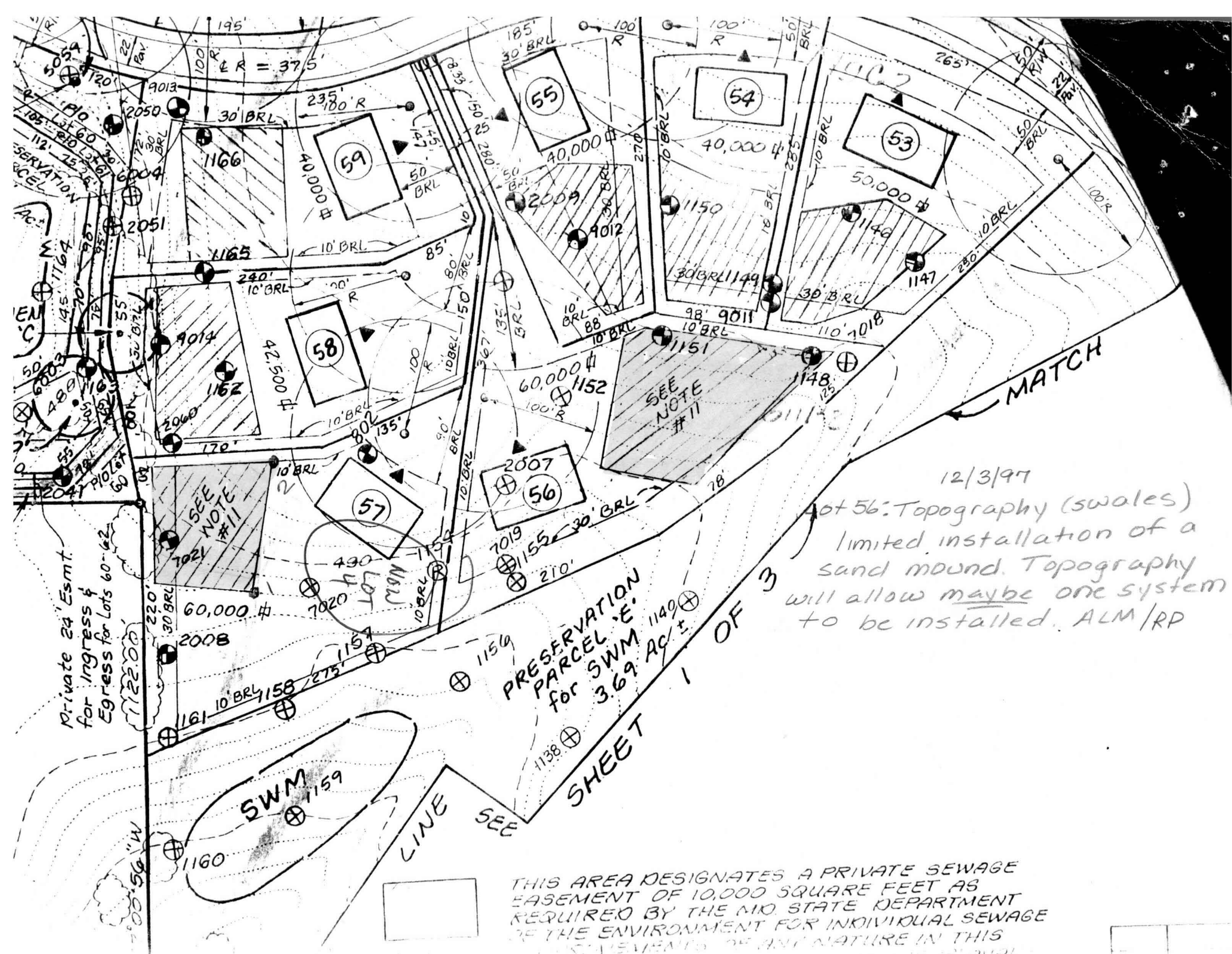


APPROVED: For Private Water and Private Sewerage Systems Howard County Health Department

Howard County Health Officer \_\_\_\_\_ Date \_\_\_\_\_

APPROVED: Howard County Department of Planning and Zoning.

We, de: apr mit ces wal str req and gra bea spa eas (4) sai



Private 24' Esmt.  
for Ingress &  
Egress for Lots 60-62

SEE NOTE #11

SEE NOTE #11

PRESERVATION  
PARCEL E.  
for SWM 3.69 AC ±

12/3/97

Lot 56: Topography (swales)  
limited installation of a  
sand mound. Topography  
will allow maybe one system  
to be installed. ALM/RP

SHEET 1 OF 3

THIS AREA DESIGNATES A PRIVATE SEWAGE  
EASEMENT OF 10,000 SQUARE FEET AS  
REQUIRED BY THE MD. STATE DEPARTMENT  
OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE  
DISPOSAL OF ANY NATURE IN THIS