

# APPLICATION

PERCOLATION TESTING

A 49413  
P \_\_\_\_\_

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

DISTRICT \_\_\_\_\_  
DATE 7/7/93

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 SUSAN SCHEIDT

ADDRESS 12730 HALLS SHOP ROAD HIGHLAND PHONE 531-2326  
MD. 20777

AGENT OR PROSPECTIVE BUYER FISHER COLLINS AND CARTER INC.

ADDRESS 9171 BALTIMORE NATIONAL PIKE SUITE 100 PHONE 461-2855  
ELLICOTT CITY MD. 21042

PROPERTY LOCATION:

SUBDIVISION PATERNAL GIFT LOT NO. 19 12

ROAD AND DESCRIPTION HALLS SHOP ROAD / 216 1/2 108

TAX MAP 40 PARCEL # 396,179 & 90

SIZE OF LOT 1 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.

Zacharia Y. Fisch (Agent)  
(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

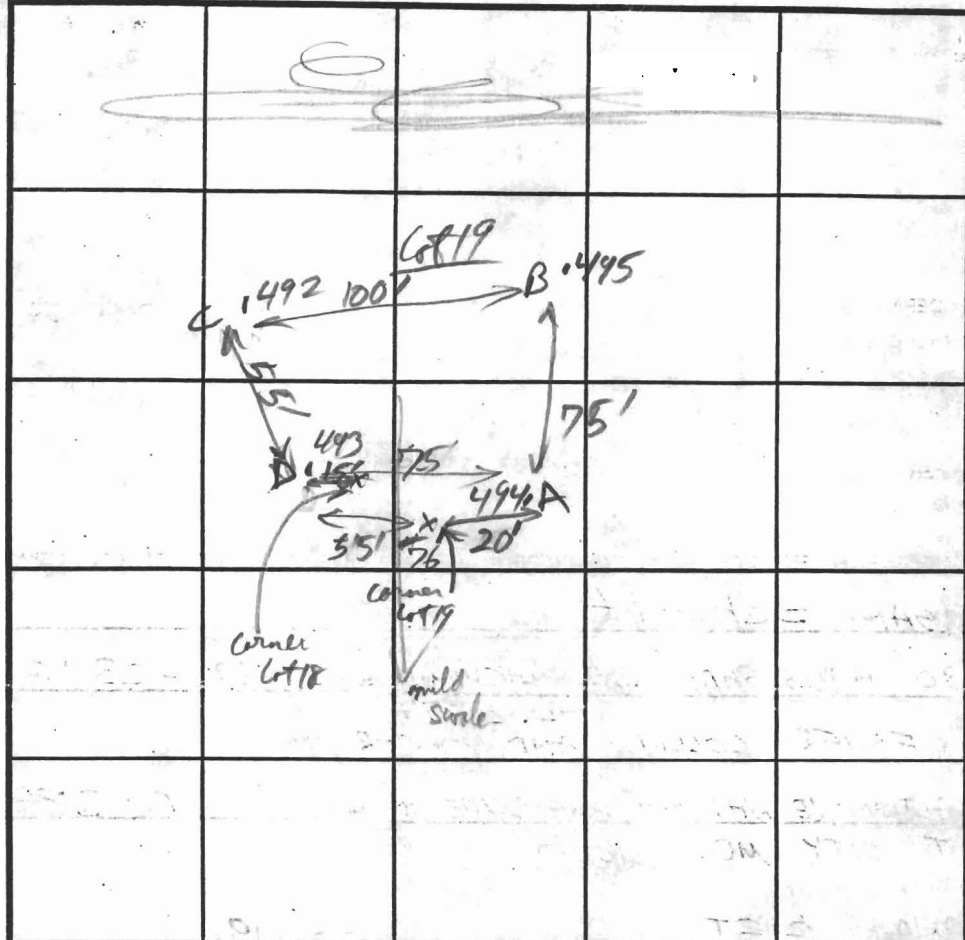
LOT 19 494B  
COUNTY #

SOIL PROFILE A

0'  
Brn -  
lt brn  
CL-7SL  
41'  
light brn  
gray brn  
+ gray white  
LS-SL  
dry  
13'

SOIL PROFILE D

0'  
light red brn  
gray rd  
SCL  
2 1/2'  
2 1/2'  
Dark brn  
red brn  
Micaceous  
13'  
v. dk brn -  
light brn - Ocean  
variegated  
loam  
SL-LS



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

495B  
Dense  
red A

493C  
Reddish yellow  
SCL  
Dense  
red D  
13 1/2'

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
7-8-93	494 A	3 1/2'	11:46:00	11:49:00	11:49:00	11:56:30	2 min
		13 v.					
	495 B	4'	11:47:00	11:52:00	11:52:00	11:58:00	6 1/2 min
		v 13					
	493 D	3'	11:54:00	11:56:00	11:56:00	11:58:00	2 min
		v 13 1/2'					
	492 C	3' retest	12:00:00	12:01:00	12:01:30	12:06:00	2 min
		13'					

fast

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 PROFILE 493 C

see lot 19

492 D

see lot 19

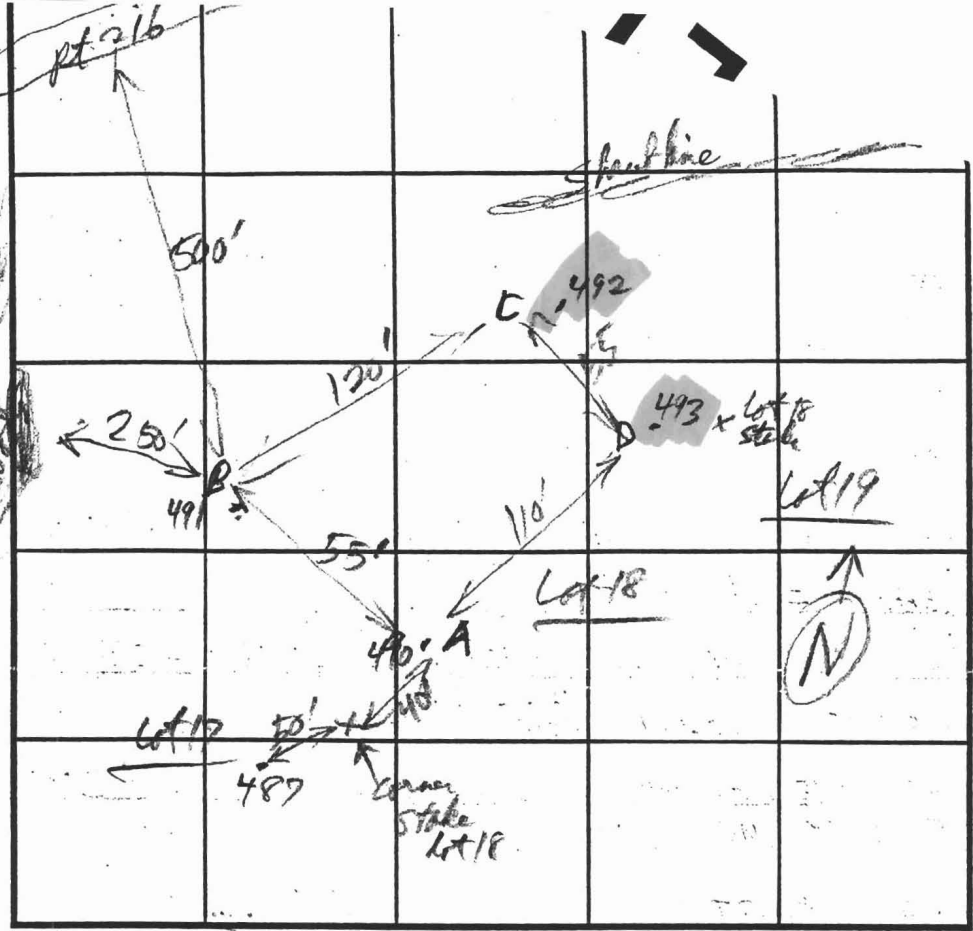
490 A

Brown clay CL-hSL

3 1/2 - 4'

Brown Mica - Green

13'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
7-9-93	492 C	13' 3/4	OK below 3'		(see lot 19)		2 min
	493 D	13 1/2'	OK below 3 1/2'		(see lot 19)		2 min
	490 A	4'	12:09:40	12:13:00	12:13:00	12:18:00	5 min
		13'					
	491 B	3 1/2'	12:09:40	12:14:06	12:14	12:18:00	4 min
		13V					

REMARKS see 11/24/93 Test Hole Description - Do Not Move SDA downhill without further wet season testing. AP 9/5/06

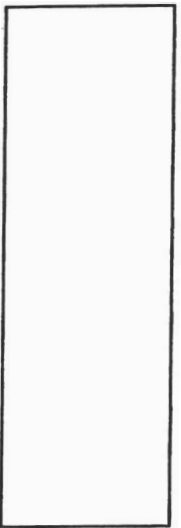
TESTED BY Robert Kelly ALSO PRESENT Robert Kelly of 45760

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

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



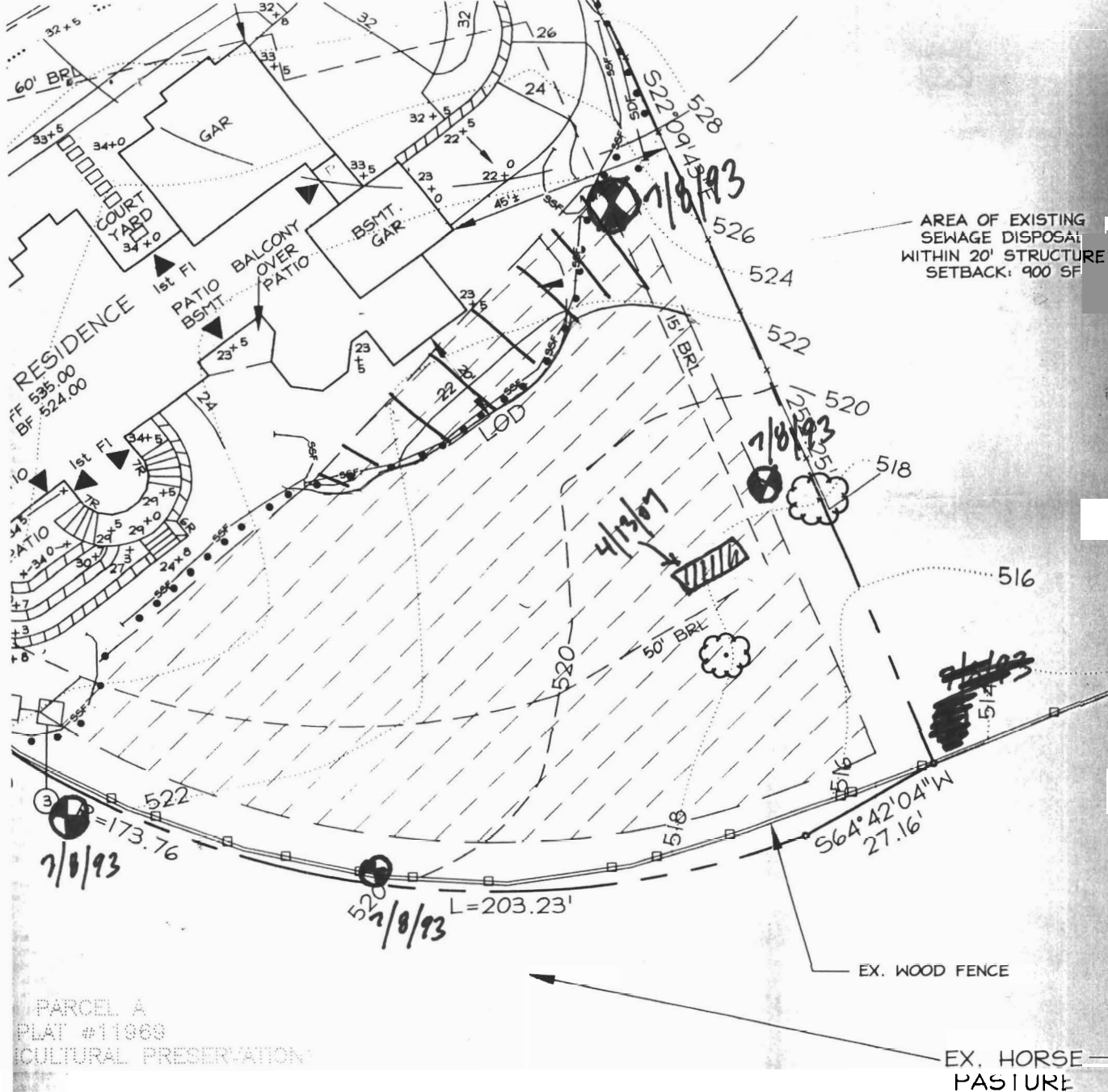
A/P \_\_\_\_\_



1  
 dark brown  
 & sbk  
 1'  
 red  
 scl sbk  
 35-4'  
 st. brown  
 medium  
 s& gr.  
 7'  
 pale brown/white  
 s&rs  
 sq. white  
 10% cobbles  
 17'

DATE	TEST #	DEPTH	START	BREAK 1' DROP	STOP 2' DROP	TIME OF 2nd INCH	P/F/H
4/13/07	1	17'					P
			heavy rain right before and earlier in week. No evidence of H <sub>2</sub> O in swale.				

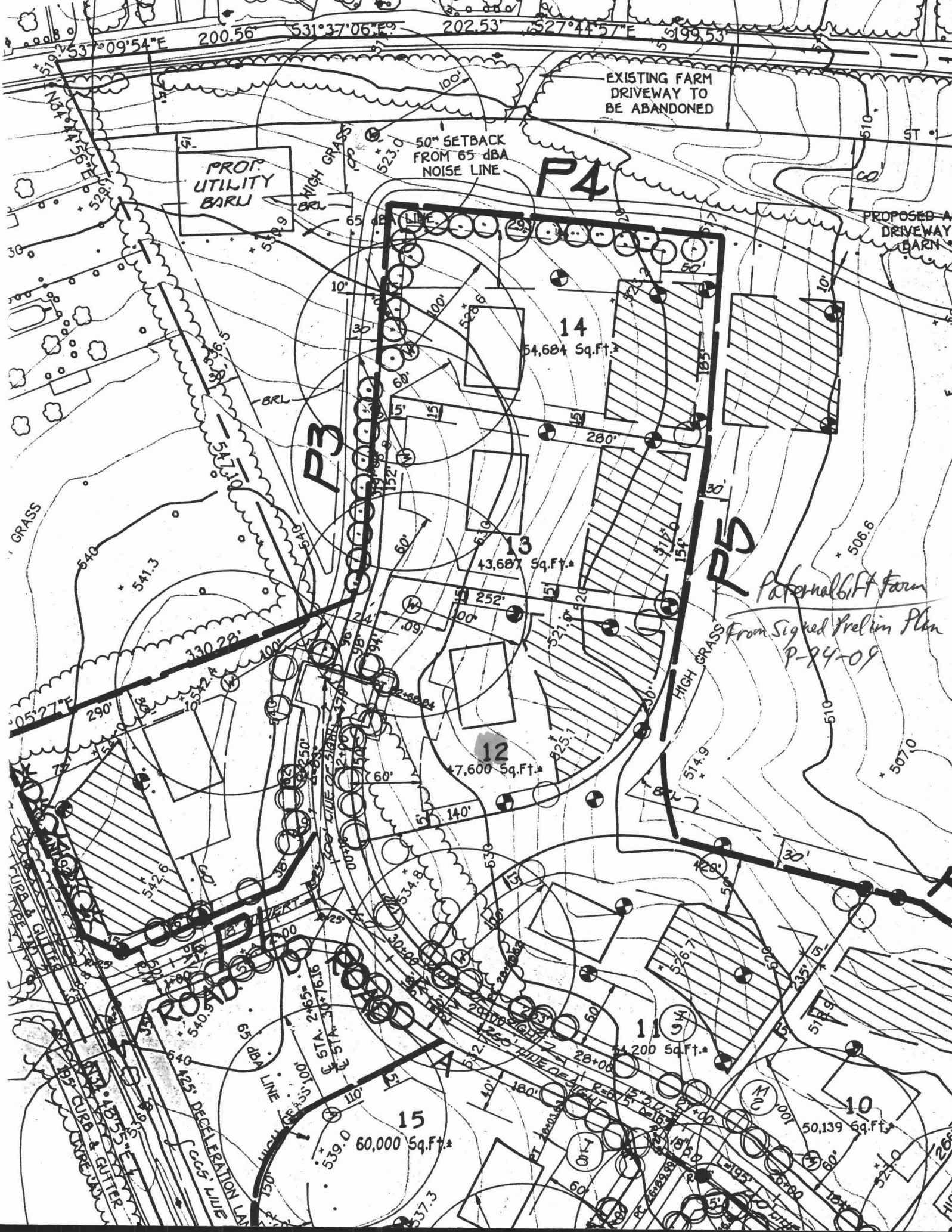
REMARKS Confirmed void in swale area - no H<sub>2</sub>O  
 SANITARIAN SF BACKHOE Fogles OTHERS T. Keen  
 TEST HOLES USED IN SDA \_\_\_\_\_ AVG. PERC TIME \_\_\_\_\_ SQ. FT/BR \_\_\_\_\_  
 TRENCH WIDTH \_\_\_\_\_ INLET DEPTH \_\_\_\_\_ MAX. BOT DEPTH \_\_\_\_\_ EFFECTIVE SAW \_\_\_\_\_



<p>DATE</p> <p>3/7/07</p> <p>DATE</p>	<p>THESE PLANS HAVE BEEN REVIEWED FOR THE TECHNICAL REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.</p> <p><i>John K. Robertson</i></p> <p>HOWARD SOIL CONSERVATION DISTRICT</p> <p>3/7/07</p> <p>DATE</p>	<p>THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.</p> <p><i>John K. Robertson</i></p> <p>HOWARD SOIL CONSERVATION DISTRICT</p> <p>3/7/07</p> <p>DATE</p>
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NO.





PROP. UTILITY BARN

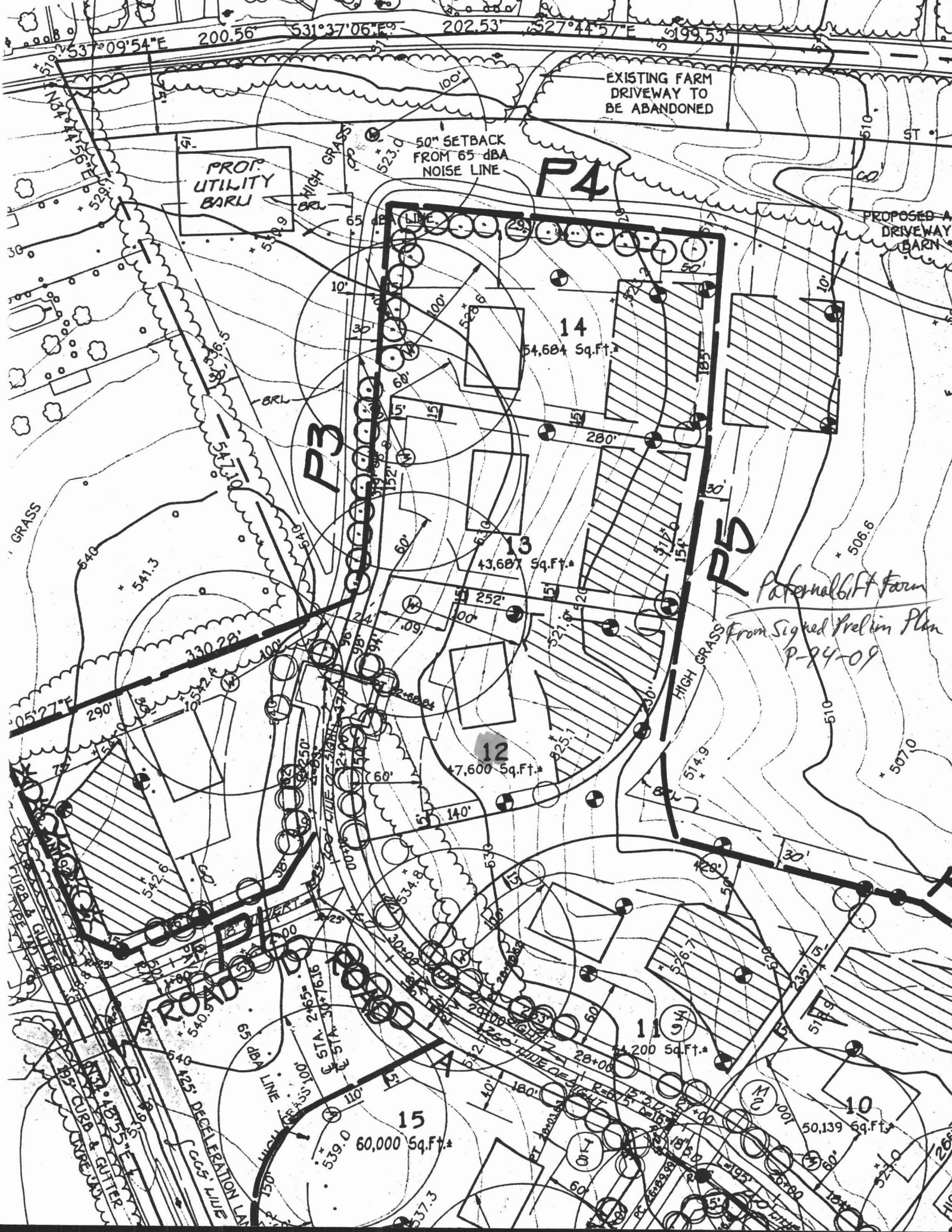
EXISTING FARM DRIVEWAY TO BE ABANDONED

50' SETBACK FROM 65 dBA NOISE LINE

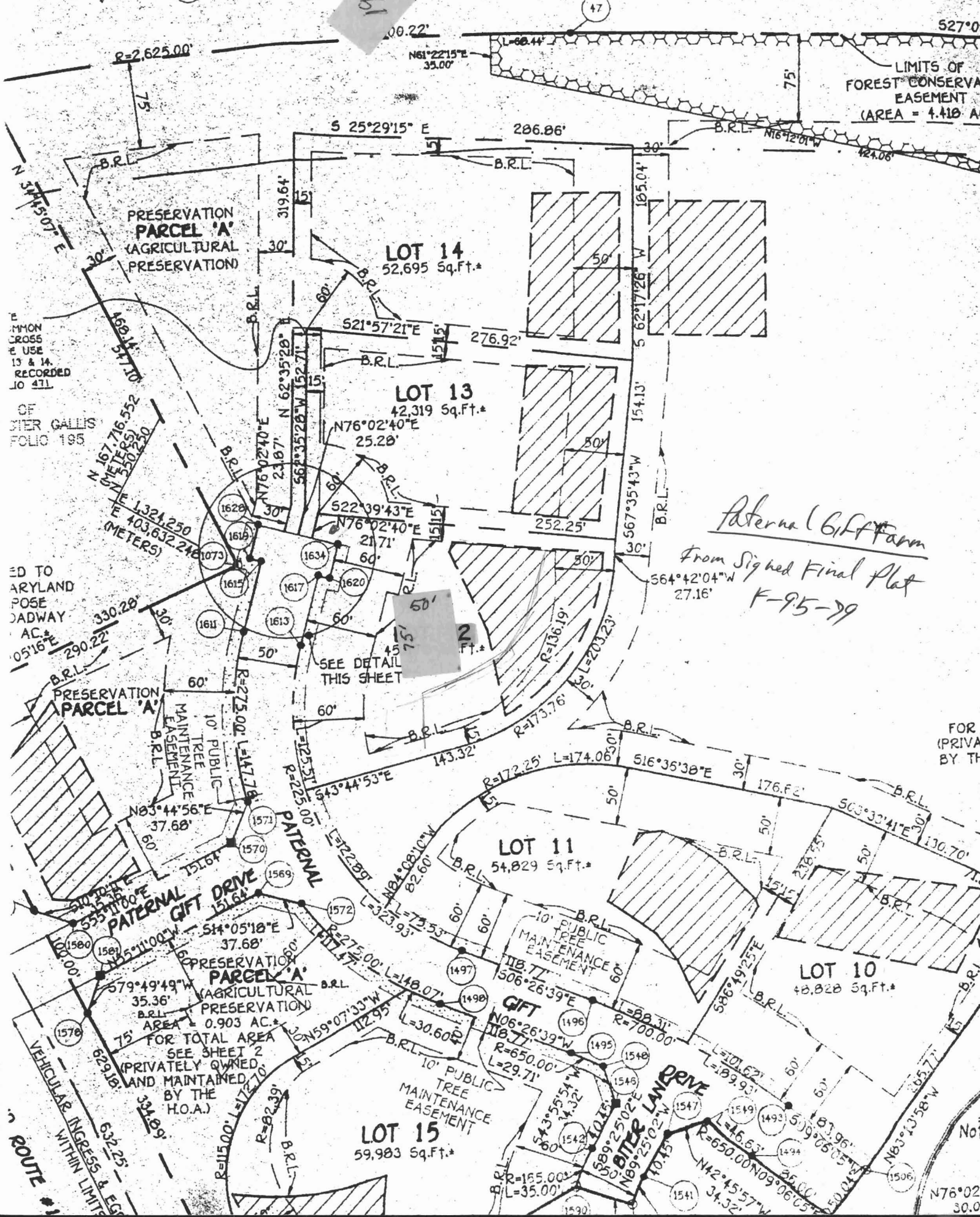
PROPOSED ACCESS DRIVEWAY BARN

Paternal Gift Farm  
From Signed Prelim Plan  
P-24-09

ROAD  
15' CURB & GUTTER  
15' CURB & GUTTER  
425' DECELERATION LANE  
CCCS' LANE



7°09'43" E 200.57' S 31°36'55" E 202.57' 1122 1123 1124 Existing Centerline of Roadway



LIMITS OF FOREST CONSERVATION EASEMENT (AREA = 4.410 AC)

PRESERVATION PARCEL 'A' (AGRICULTURAL PRESERVATION)

LOT 14 52,695 Sq.Ft.\*

LOT 13 42,319 Sq.Ft.\*

LOT 11 54,829 Sq.Ft.\*

LOT 10 48,828 Sq.Ft.\*

LOT 15 59,983 Sq.Ft.\*

*Paternal Gift Farm*  
*From Signed Final Plat*  
*K-95-99*

SEE DETAIL THIS SHEET

COMMON CROSS SECTION USE 13 & 14. RECORDED TO 471

OF SHER GALLIS FOLIO 195

ED TO MARYLAND POSE ROADWAY AC. 05'16" E 290.22'

PRESERVATION PARCEL 'A'

10' PUBLIC TREE MAINTENANCE EASEMENT

PATERNAL GIFT DRIVE

PRESERVATION PARCEL 'A' (AGRICULTURAL PRESERVATION) AREA = 0.903 AC. FOR TOTAL AREA SEE SHEET 2 (PRIVATELY OWNED AND MAINTAINED BY THE H.O.A.)

VEHICULAR INGRESS & EGRESS ROUTE

10' PUBLIC TREE MAINTENANCE EASEMENT

GIFT

BITER LAKE DRIVE

FOR T (PRIVATE BY THE

EKC2

Cha

75' PUBLIC RIGHT-OF-WAY TO BE DEDICATED TO THE STATE OF MARYLAND

VEHICULAR



EXISTING FARM DRIVEWAY TO BE ABANDONED

HIGH GRASS  
523.0  
50' SETBACK FROM 65 dBA NOISE LINE

65 dBA LINE

C9B2

14  
54,684 Sq.Ft.

11/30/00  
Adjustment  
out of  
as  
shown  
OK

19% IMP.  
I<sub>2</sub> = 4.2 "/HR  
I<sub>10</sub> = 5.9 "/HR

13  
43,687 Sq.Ft.

C9B2

PC 0+46.78  
10' TREE MAINTENANCE EASEMENT  
47,600 Sq.Ft.

11  
54,200 Sq.Ft.

PATERNAL DRIVE

PATERNAL DRIVE

