

# APPLICATION

PERCOLATION TESTING

A 57577

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 C.M.C. CONSTRUCTION, INC.

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

AGENT OR PROSPECTIVE BUYER CHARLES A. SHARP

ADDRESS 3779 SHARP ROAD PHONE 410-489-4630

PROPERTY LOCATION:

1/4 DIVISION C.M.C. CONSTRUCTION PROPERTY LOT NO. 29

ROAD AND DESCRIPTION HOWARD ROAD 3,000'± FROM INTERSECTION  
TRIDELPHIA ROAD (SOUTH)

TAX MAP 27 PARCEL # 19

SIZE OF LOT 40,000 - 50,000 SQ. FT. TYPE BLDG. SINGLE FAMILY DWELLING  
(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. Charles A. Sharp  
(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

A57577

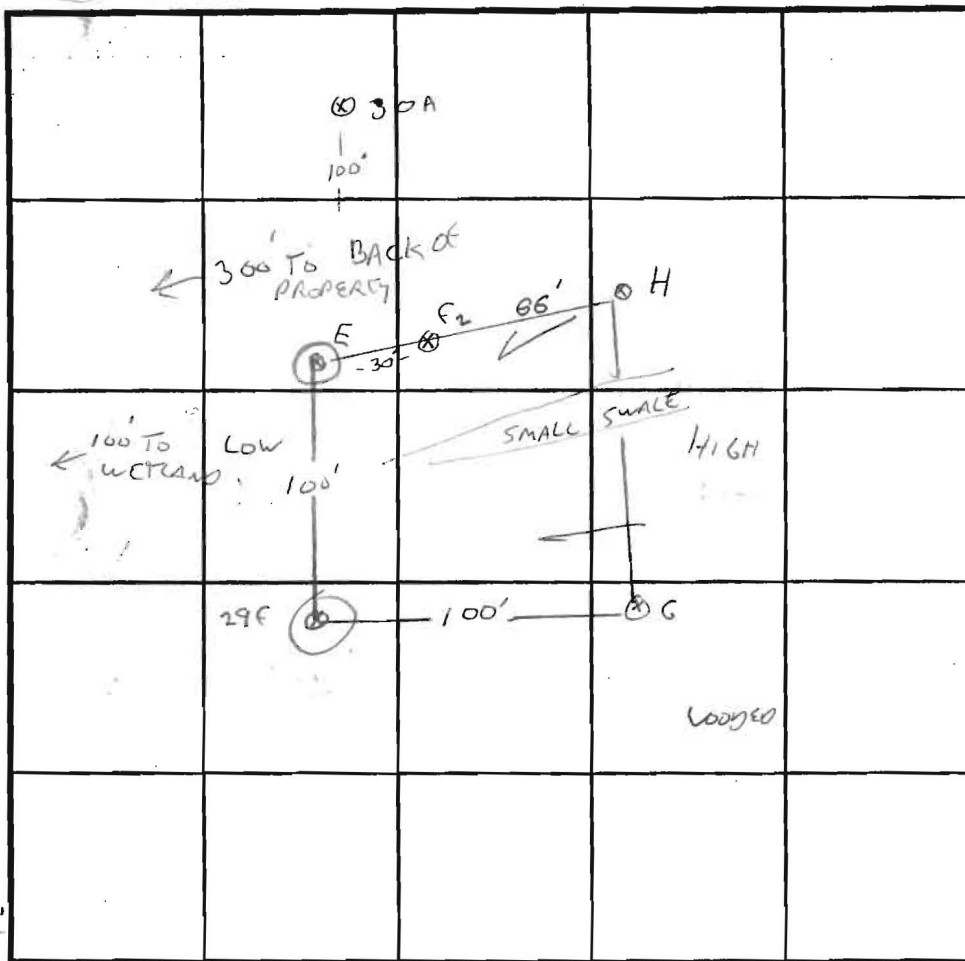
COUNTY #

SOIL PROFILE

0' F  
 TOPSOIL  
 ORANGE/BROWN CLAY LOAM  
 3'  
 ORANGE BROWN SANDY LOAM  
 5'  
 BROWNISH OLIVE SANDY SILT LOAM  
 11'  
 G, H

TOPSOIL  
 ORANGE SANDY CLAY LOAM  
 4-5'  
 BROWN SILT  
 108 Rocks

TOPSOIL  
 BROWN ORANGE CLAY  
 3'  
 BROWN SANDY CLAY LOAM  
 8'  
 BROWN OLIVE  
 5'



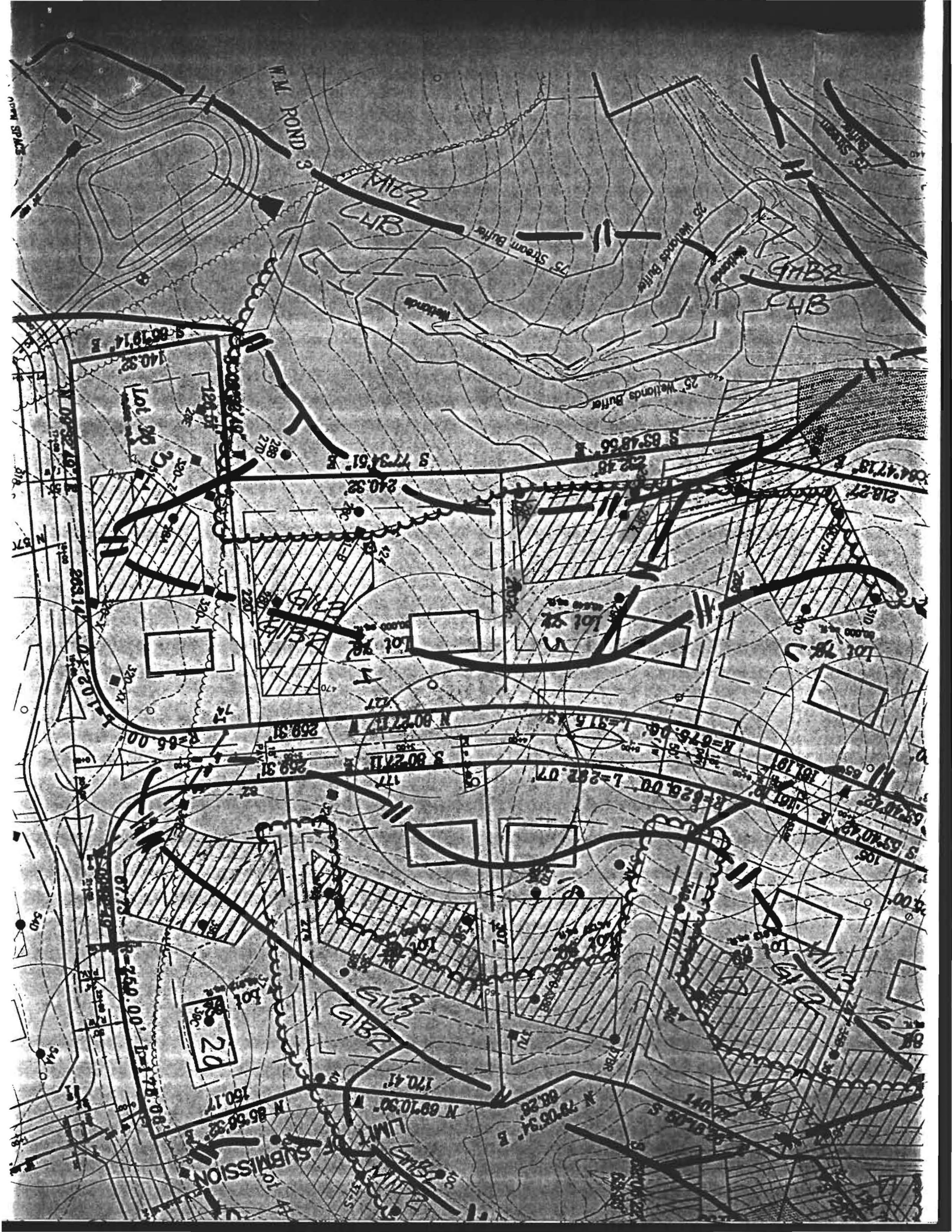
SOIL PROFILE

0' F  
 TOPSOIL  
 ORANGE SILTY/SANDY CLAY LOAM  
 5'  
 DULL OLIVE BROWN SANDY MICA LOAM/W BLACK STREAKS  
 10'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
12-17-96	29F	4/10	12:28	12:26	12:26	12:35	9min
		8V					
	29G	3.5/11V	12:37	12:32	12:32	12:34	2min
		8Vok					
	29H	3/11V	12:36	12:38	12:38	12:42	4min
		7Vok					
	29E	3.5/10V	12:44	12:48	12:48	1:04	16min
	29E	8	2:40	5LOW			
	F2	3.5/11V	9:52	9:53	9:53	9:57	4min
		5.5	9:56	9:58	9:58	10:01	3min

REMARKS LOT 29, NOT PER PLAN  
 TYPE OF SOIL EVALUATE AS WET SEASON TEST - HIGH WATER TABLE  
 TESTED BY G. SAVAGE ALSO PRESENT C. SHARP, KIM  
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_  
 INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT./BEDROOM \_\_\_\_\_



W.M. POND

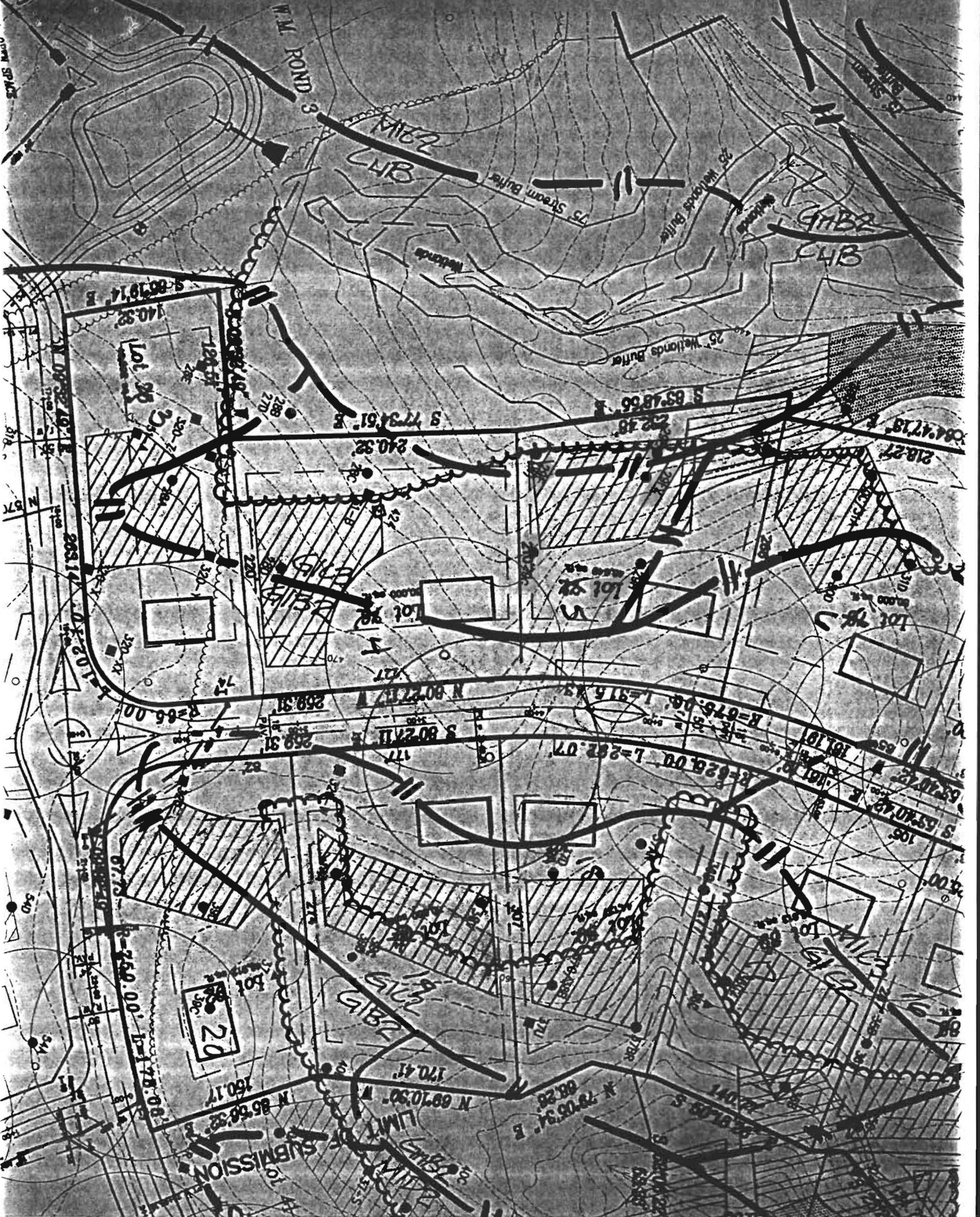
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CHB

G162  
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Lot 20

LIMIT OF SUBMISSION



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Lot 20

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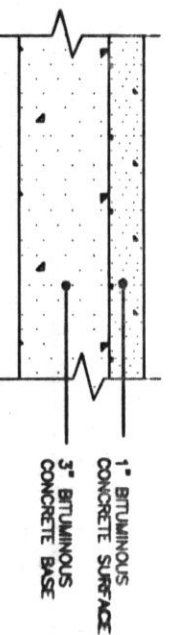
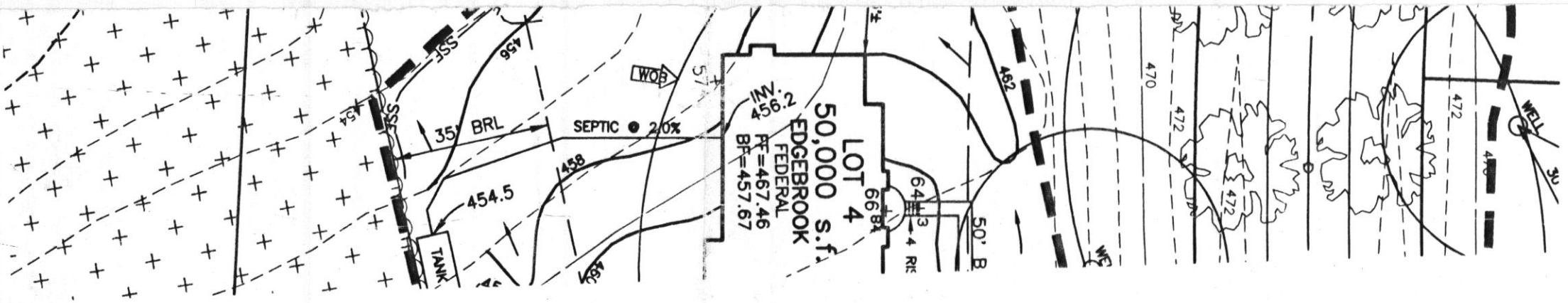
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**NOTES:**

1. THE LOT SHOWN HEREON WAS RECORDED ON PLAT NUMBER 13960. REFER TO THIS PLAT FOR LOT DIMENSIONS, LOT AREAS, ALL EASEMENTS AND BUILDING RESTRICTIONS.
2. **|||||** THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY THE STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA IS RESTRICTED UNTIL PUBLIC SEWER IS AVAILABLE. THIS EASEMENT 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. RECORDDATION OF A MODIFIED SEWERAGE EASEMENT PLAT SHALL NOT BE NECESSARY.
3. SEDIMENT AND EROSION CONTROLS WERE APPROVED BY HOWARD SOIL CONSERVATION DISTRICT UNDER GP-01-176.
4. EXACT LENGTH OF SEPTIC TRENCHES ARE BE DETERMINED BY THE HEALTH DEPARTMENT AT THE TIME OF PERMIT ISSUANCE.
5. SPOIL FROM THE TRENCHING OF THE SEPTIC AREA IS TO BE PLACED ON THE UPHILL SIDE OF THE EXCAVATION FOR EACH INDIVIDUAL LOT.
6. ALL SEDIMENT AND EROSION CONTROL FEATURES USED ON THIS SITE SHALL COMPLY WITH 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.



FULL DEPTH BIT. CONC. ALTERNATIVE

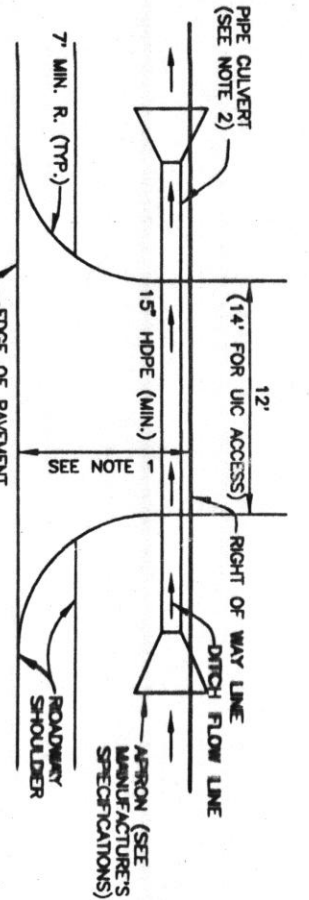
**P-1 PAVING DETAIL**

NOT TO SCALE

**DRIVEWAY CULVERT NOTES:**

1. DRIVEWAY MUST BE PAVED FROM EDGE OF PUBLIC ROAD TO RIGHT-OF-WAY USING STANDARD PAVING SECTION P-1 AS SHOWN ON H.O.CO.STD. R-2.01 OR AN ALTERNATE SECTION EQUAL TO OR BETTER THAN P-1, AS APPROVED BY D.P.W.
2. DRAINAGE CULVERT SHALL BE SIZED FOR A 10 YEAR FREQUENCY STORM.
3. ALL DRIVEWAY CULVERT PIPES ARE TO BE 15" HOPE OR GREATER TO PREVENT BLOCKING. HOPE APRONS ARE TO BE INSTALLED AT EACH END OF THE CULVERT AND SIZED PER MANUFACTURER'S SPECIFICATIONS. IF A LARGER PIPE IS REQUIRED THE DITCH INVERT CAN BE LOWERED TO PROVIDE A MINIMUM DITCH GRADIENT OF 0.5% AND THE CLEARANCE SHOWN.
4. SWALE FLOW MAY BE PROVIDED OVER DRIVEWAY IF LOCATED AT OR NEAR THE CREST OF A VERTICAL CURVE ON THE PUBLIC ROAD WHERE QUANTITY OF FLOW IS SMALL AS APPROVED BY D.P.W.
5. THE-IN GRADE OF DRIVEWAY SHALL NOT EXCEED 14%.

SEE HOWARD COUNTY STANDARD DETAIL R-6.06 FOR ADDITIONAL INFORMATION.



CENTERLINE PUBLIC ROAD PAVING

**DRIVEWAY CULVERT**

NOT TO SCALE

*Greg Sheppard @ Towalaphic ?  
443-535-4297*

**BENCHMARK ENGINEERS & LAND SURVEYORS & PLANNERS**  
**ENGINEERING, INC.**  
 8480 BALTIMORE NATIONAL PIKE ▲ SUITE 418  
 ELLICOTT CTRY, MARYLAND 21043  
 PHONE: 410-465-6105 FAX: 410-465-6644

**BUILDER:**  
 TOLL BROTHERS, INC.  
 7164 COLUMBIA GATEWAY DRIVE  
 SUITE 230  
 COLUMBIA, MARYLAND 21046  
 410-872-9105

**PROJECT: HIGH FOREST ESTATES LOT 5**

**LOCATION:** 15009 OAK RIDGE COURT  
 TAX MAP 27, GRID 6 - PARCEL 140,141,142  
 5th ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND

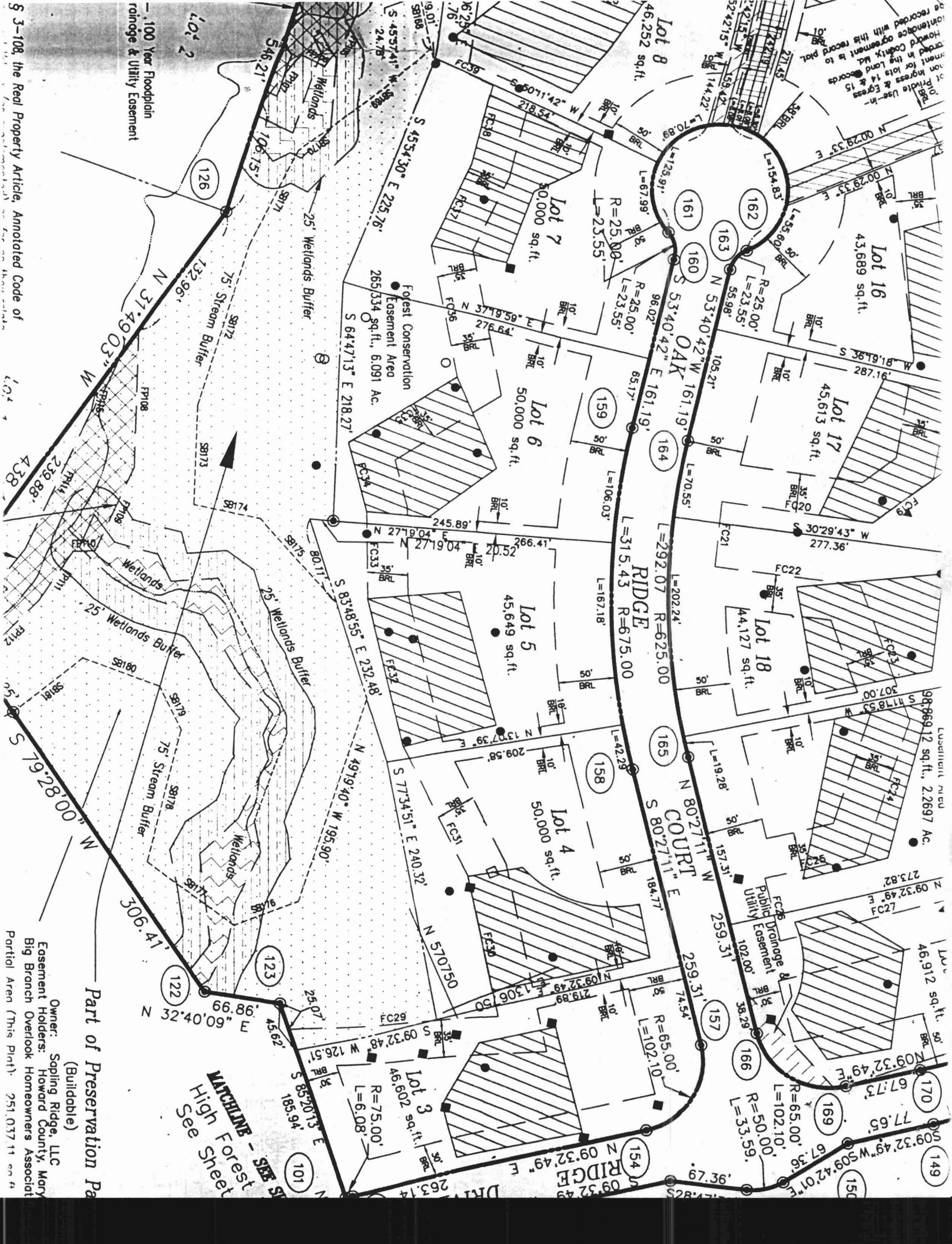
**TITLE:** PLOT PLAN

**HOUSE TYPE:** COVENTRY

**DATE:** APRIL 11, 2002 **PROJECT NO.** 1362

**SCALE:** AS SHOWN **DRAWING** 1 **OF** 1

Owner: Sapling Ridge, LLC  
Easement Holders: Howard County, Maryland  
Big Branch Overlook Homeowners Association  
Partial Area (This Plat) 251,037.11 sq. ft.



Part of Preservation Pa  
(Buildable)

100 Year Floodplain  
rainage & Utility Easement

**MATCHLINE - SEE SHEET**  
High Forest  
See Sheet

Not to be used for any purpose other than that for which it was recorded with this record plat.  
Howard County, Md.  
Recorded in the Land Records Department for Lots 14 & 15  
of Private Use -  
101

Use/rental area

2,2697 Ac.

46,912 sq. ft.

67.73

77.65

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