

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 Edgewood Farms, Inc.

ADDRESS 14943 Roxbury Road, Glenelg PHONE 410 531-4355

AGENT OR PROSPECTIVE BUYER TOLL BROS., Inc.

ADDRESS 7164 Columbia Gateway Drive, Suite 230 PHONE 410 872-9105

PROPERTY LOCATION: Columbia MD 21046
Attn: Bill Wainger

SUBDIVISION _____ LOT NO. OF 32

ROAD AND DESCRIPTION TRIADELPHIA ROAD OPPOSITE OF HOWARD ROAD

64± ACRES, PARCEL P 90 (1295/48) & P 32 BORDER EAST & P 227 BORDER
TO THE NORTH. THIS PARCEL IS THE
RESIDUE OF FIFTH PARCEL LIBER 1295
FOLIO 48

TAX MAP Page 21 PARCEL # P 97

SIZE OF LOT 1± ACRE TYPE BLDG. SINGLE FAMILY
(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. WKS
(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

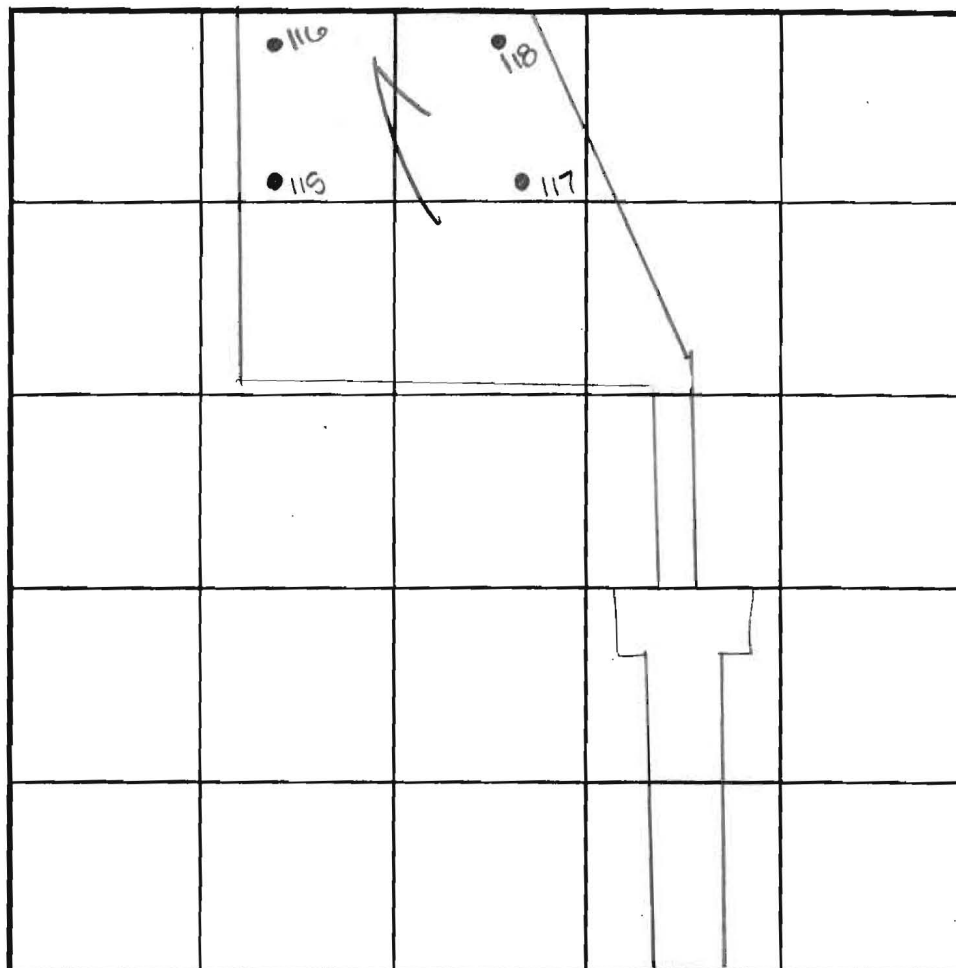
COUNTY #

SOIL PROFILE

0' 115
6" topsoil
org btm
clm
3.5' beige
sil m
25%+
hard
sh
13'

0' 116
6" topsoil
like 115
w/ 15%
hard sh
13.5'

0' 118
6" topsoil
org btm
clm
4' pale
org beige
sil mic
l m
20%+
hard
13.5'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Roxbury Road

SOIL PROFILE

0' 117
6" topsoil
org btm
clm
4' pale
org btm
sil m
25%+
hard
sh
13'

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
12-5-00	115	4.0'S	10:50	10:52	10:52	10:53	3
		13.0'D	visual - see profile				OK
	116	4.5'S	11:13	11:16	11:16	11:20	4
		13.5'D	visual - see profile				OK
	118	4.5'S	11:25	11:27	11:27	11:29	2
		13.5'D	visual - see profile				OK
	117	4.5'S	11:33	11:35	11:35	11:38	3
		13.0'D	visual - see profile				OK

REMARKS holes tested as staked

TYPE OF SOIL

TESTED BY

DKC

ALSO PRESENT

Fogle's, Mr. Waininger

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

TRENCH WIDTH

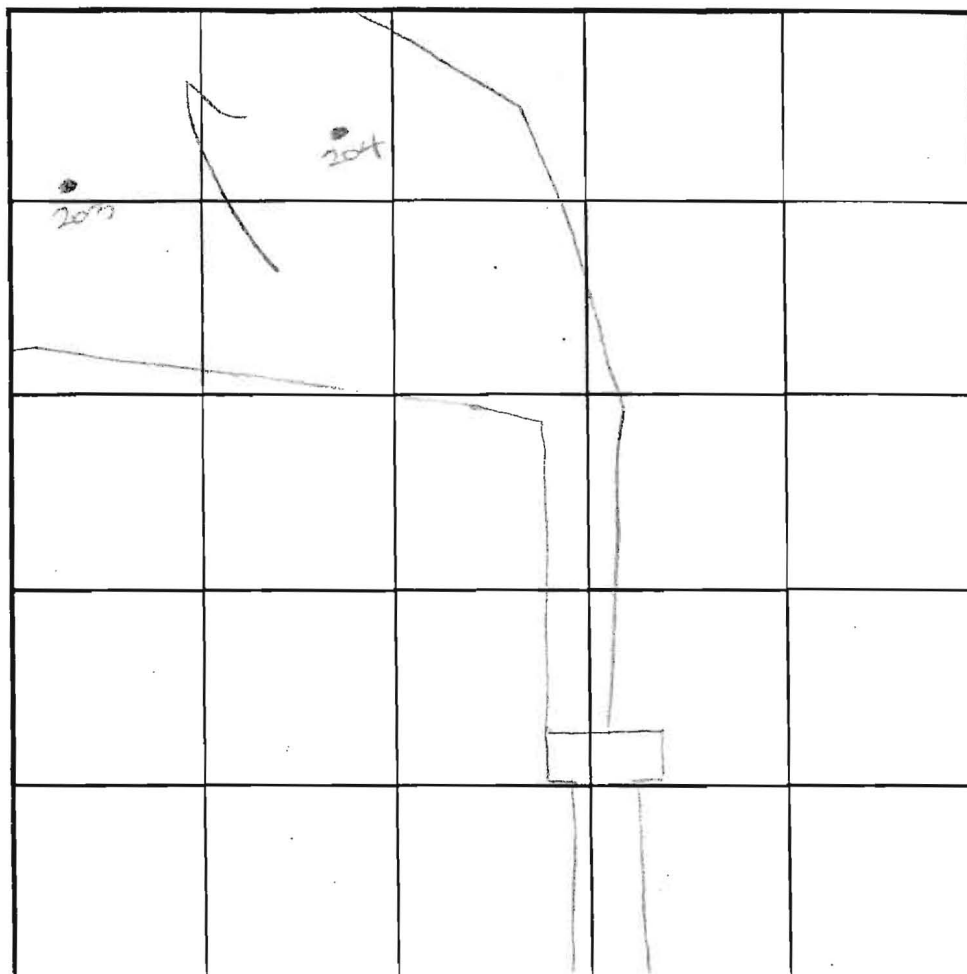
INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT/BEDROOM

0' 204
topsoil
hr
red org
brn
cl lim
3'
hr
brn
sl lim
10-15%
rock

0' 203
1' topsoil
red org
brn
cl lm
4'
H org
brn
Silt/cl
lm
3' 1/2' +
sh
12' Refuse



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Roxbury Road

[illegible]

REMARKS holes tested as stake

TYPE OF SOIL _____

TESTED BY DLC ALSO PRESENT Peagle's crow

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____

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ADDRESS 7164 Columbia Gateway Drive, Suite 230 PHONE 410 872-9105
Columbia, MD 21046

PROPERTY LOCATION Attn: Bill Wainger

SUBDIVISION _____ LOT NO. 31 OF 32

ROAD AND DESCRIPTION TRIADELPHIA ROAD OPPOSITE OF HOWARD ROAD

64± ACRES, PARCEL P90 (1295/48) & P32 BORDER EAST & P227 BORDER
TO THE NORTH. THIS PARCEL IS THE
RESIDUE OF FIFTH PARCEL LIBER 1295
FOLIO 48

TAX MAP Page 21 PARCEL # P97

SIZE OF LOT 1± ACRE TYPE BLDG. SINGLE FAMILY
(SINGLE FAMILY DWELLING OR COMMERCIAL)

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COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT. [Signature]
(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' 500
tan/orange
heavy sand
loamy sand
10am

3' Brown/tan
sand

12 1/2'

502

orange/red
loamy
sand

3' tan/brown
25% rock
sand

6 1/2' tan/brown
sand
30% 40%
rock rock

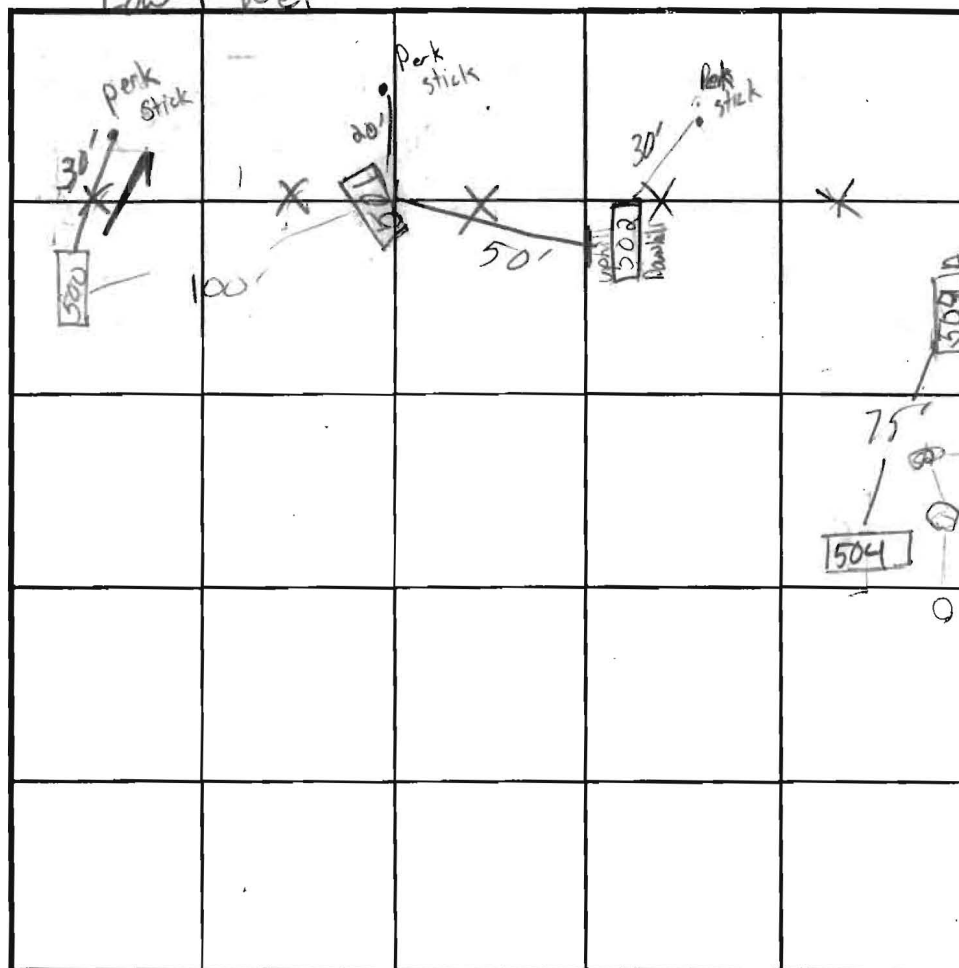
501

orange/brown
sandy clay
loam

3' light brown/
tan
sand

25-30%
platy rock

low + wet



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE

0' 504
tan/light
Brown
sand loam / sand
40% Rock

6' exposed
Rock

504 A

tan/Brown
Sandy
Loam

5' 50% > Rock
6 1/2'

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
9/30/03	500 H V	7' 12 1/2'	10:20:55	10:22:55	10:22:55	10:26:55	4 min
	502 M V	7' 10 1/2'	10:51:25	10:53:00	10:53:00	10:55:00	2 min
	501 V	8' 10 1/2'	11:30:00	11:31:30	11:31:30	11:35:30	4 min
	504						
	504 A						

REMARKS

TYPE OF SOIL

TESTED BY

ALSO PRESENT

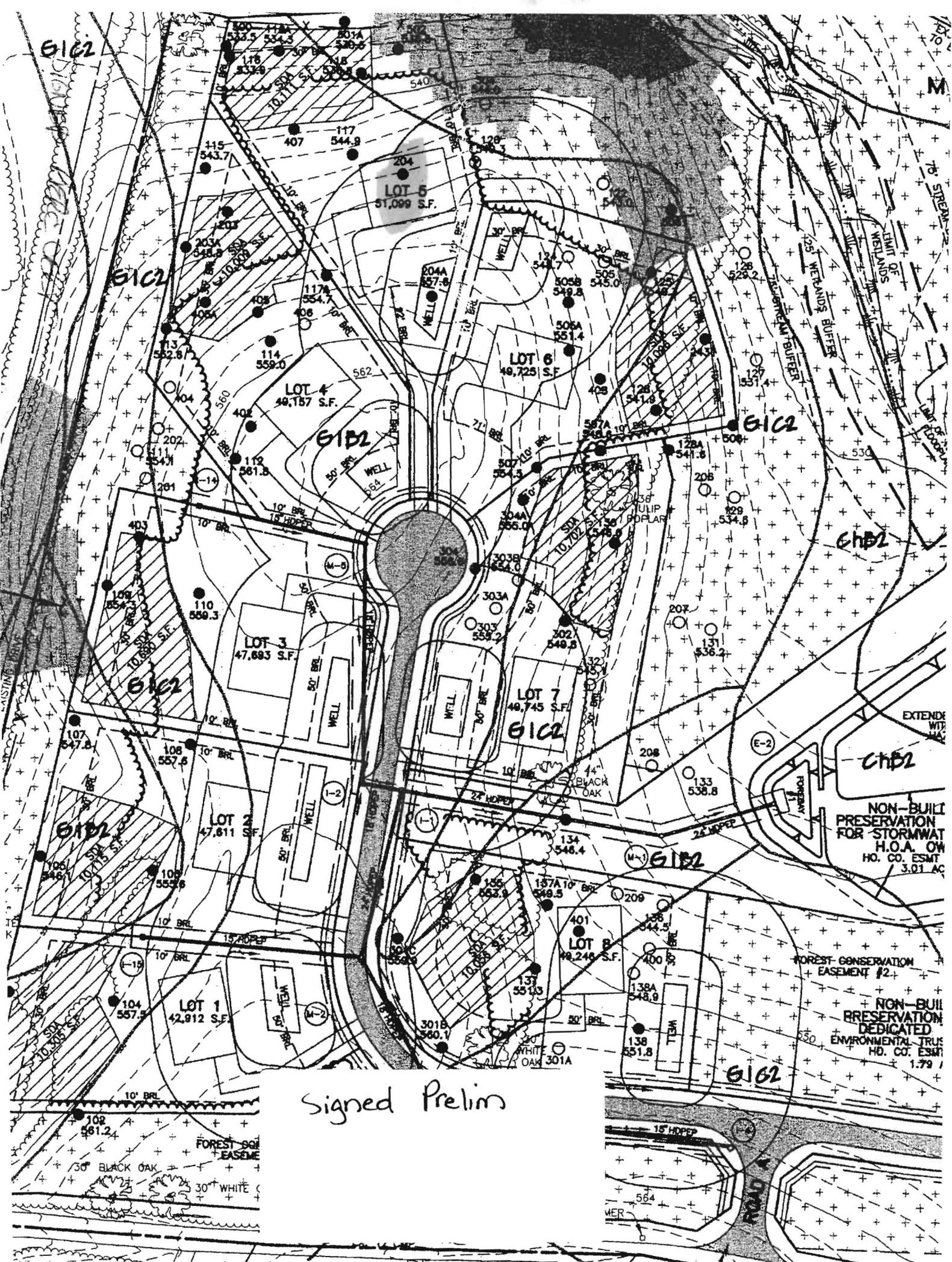
TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

TRENCH WIDTH

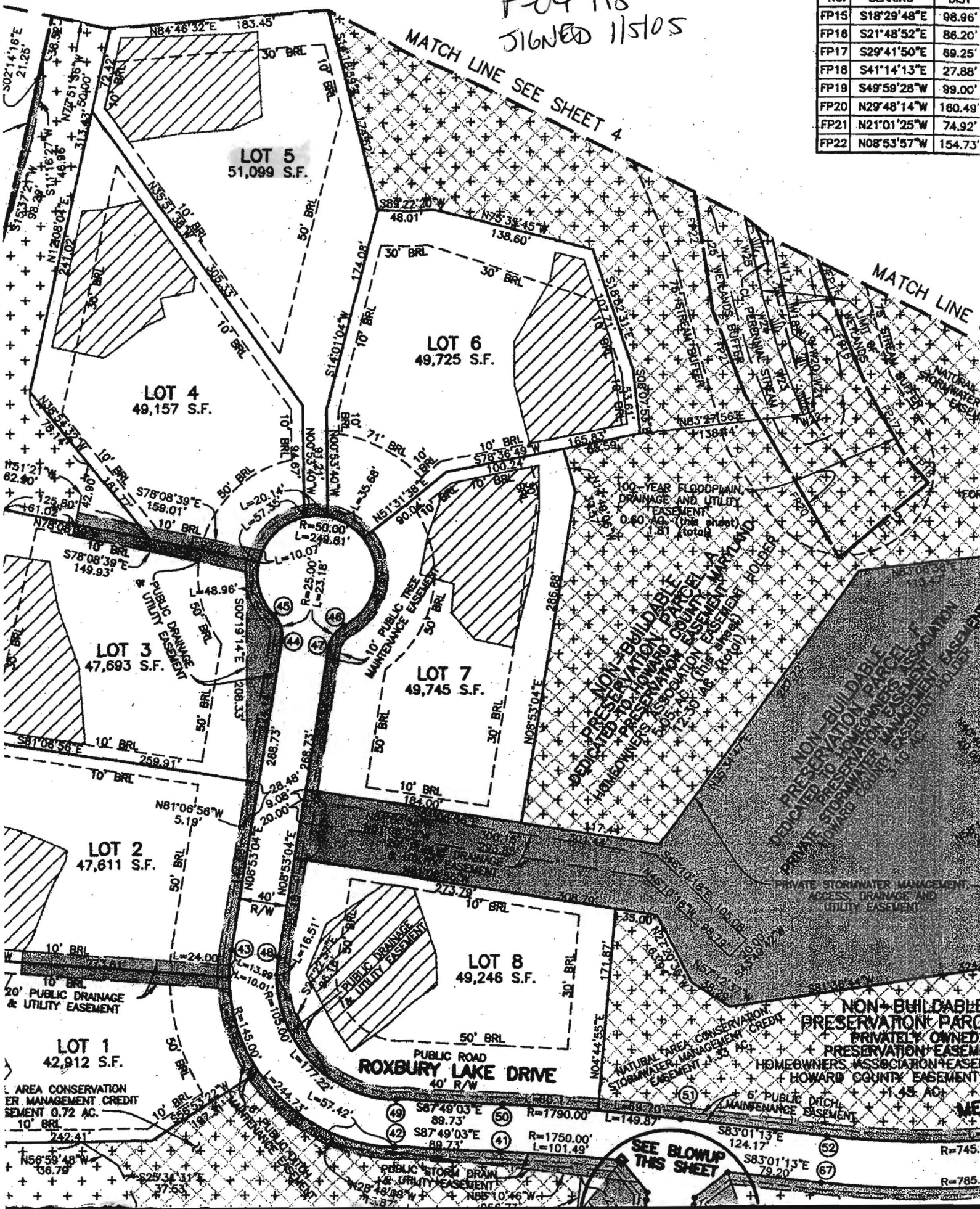
INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT/BEDROOM



FLOODPLAIN CHART		
No.	BEARING	DIST.
FP15	S18°29'48"E	98.96'
FP16	S21°48'52"E	86.20'
FP17	S29°41'50"E	69.25'
FP18	S41°14'13"E	27.88'
FP19	S49°59'28"W	99.00'
FP20	N29°48'14"W	160.49'
FP21	N21°01'25"W	74.92'
FP22	N08°53'57"W	154.73'



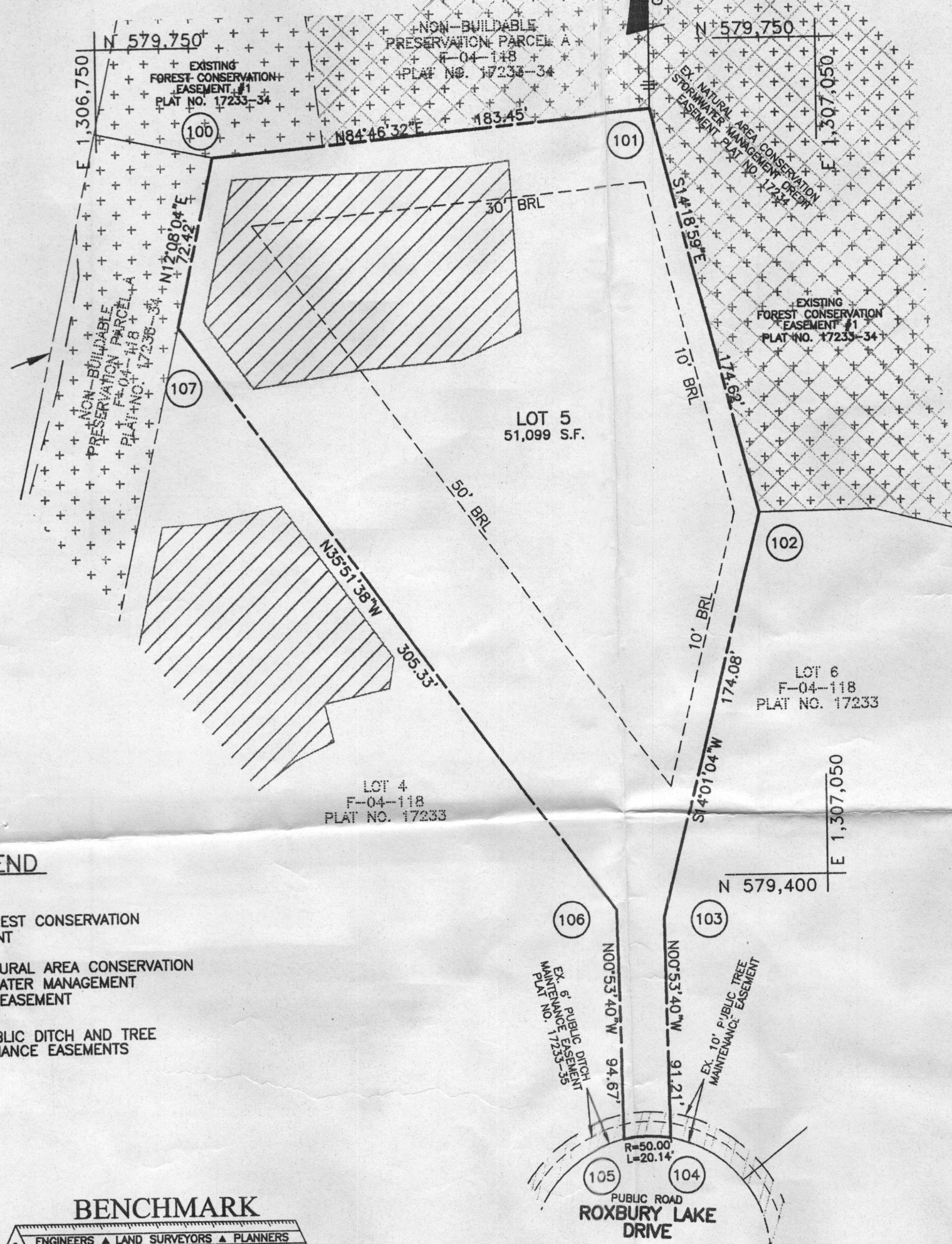
GENERAL NOTES

1. DENOTES 4" X 4" X 30" CONCRETE MONUMENT TO BE SET.
DENOTES 3/8" X 30" PIPE OR STEEL MARKER TO BE SET.
DENOTES STONE FOUND.
DENOTES IRON PIPE FOUND.
2. COORDINATES BASED ON NAD '83 MARYLAND COORDINATE SYSTEM AS PROJECTED BY HOWARD COUNTY GEODETIC CONTROL STATIONS 21A AND 27CA.
3. 'BRL' INDICATES BUILDING RESTRICTION LINE.
4. SUBJECT PROPERTY ZONED RC-DEO PER 2-2-04 COMPREHENSIVE ZONING PLAN.
5. A TREE MAINTENANCE EASEMENT RUNNING ALONG THE EDGE OF THE PUBLIC ROAD RIGHT-OF-WAY AS SHOWN ON THIS PLAT OF SUBDIVISION IS RESERVED UPON ALL LOTS FRONTING ON THE SAID PUBLIC ROAD RIGHT-OF-WAY. THIS EASEMENT ALLOWS HOWARD COUNTY THE RIGHT TO ACCESS THE PROPERTY, WHEN NECESSARY, FOR THE SPECIFIC PURPOSE OF INSTALLATION, REPAIR AND MAINTENANCE OF COUNTY-OWNED TREES LOCATED WITHIN THE BOUNDARIES OF PRIVATE LOTS. NO BUILDING OR STRUCTURE OF ANY KIND SHALL BE LOCATED ON OR OVER THE SAID EASEMENT AREA.
6. ALL AREAS ON THIS PLAT ARE "MORE OR LESS".
7. THIS PLAT IS BASED ON A FIELD RUN MONUMENTED BOUNDARY SURVEY PERFORMED ON OR ABOUT SEPTEMBER, 2000 BY CLARK, FINEFROCK & SACKETT, INC.
8. THE DEVELOPER RESERVES UNTO ITSELF, ITS SUCCESSORS AND ASSIGNS, ALL EASEMENTS SHOWN ON THIS PLAT FOR SEPTIC, STORM DRAINAGE, TREE MAINTENANCE AND OTHER PUBLIC UTILITIES LOCATED IN, ON, OVER AND THROUGH LOTS 9-12 AND 19-22. ANY AND ALL CONVEYANCES OF THE AFORESAID LOTS SHALL BE SUBJECT TO THE EASEMENTS HEREIN RESERVED WHETHER OR NOT EXPRESSLY STATED IN THE DEED(S) CONVEYING SAID LOT(S). DEVELOPER SHALL EXECUTE AND DELIVER THE DEEDS FOR THE EASEMENTS HEREIN RESERVED TO HOWARD COUNTY, UPON COMPLETION OF THE PUBLIC UTILITIES AND THEIR ACCEPTANCE BY HOWARD COUNTY. THE COUNTY SHALL ACCEPT THE EASEMENTS AND RECORD THE DEED(S) OF EASEMENTS IN THE LAND RECORDS OF HOWARD COUNTY.
9. THE TOTAL FOREST OBLIGATION AMOUNT OF 25.7 ACRES WAS MET UNDER F-04-118 BY THE ON-SITE RETENTION OF 6.6 AC. WITHIN A FOREST CONSERVATION EASEMENT AND OFF-SITE REFORESTATION OF 15.4 AC. WITHIN A FOREST CONSERVATION EASEMENT LOCATED ON PRESERVATION PARCEL 'A' OF THE CLARK'S WOODS I (F-04-119) SUBDIVISION WITH A DPW, DEVELOPER'S AGREEMENT WITH SURETY IN THE TOTAL AMOUNT OF \$473,497.00 (\$392,911.00 ON-SITE AND \$80,586.00 OFF-SITE).
10. STORMWATER MANAGEMENT SHALL BE PROVIDED BY AN EXTENDED DETENTION POND (WITH MICRO-POOL) A BIO-RETENTION FACILITY, RAINGARDENS AND DISCONNECTION CREDITS UNDER F-04-118.
11. THERE ARE EXISTING RESIDENTIAL STRUCTURES LOCATED ON THESE LOTS.
12. THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF AT LEAST 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 ADJUSTMENTS TO THE PRIVATE SEWERAGE EASEMENT. RECORDATION OF A MODIFIED SEWERAGE EASEMENT PLAT SHALL NOT BE NECESSARY.
13. LANDSCAPING FOR THIS SUBDIVISION WAS PROVIDED UNDER F-04-118 IN ACCORDANCE WITH SECTION 16.124 OF THE HOWARD COUNTY CODE AND THE LANDSCAPE MANUAL WITH A DPW, DEVELOPER'S AGREEMENT WITH SURETY IN THE AMOUNT OF \$45,300.00.
14. THE ARTICLES OF INCORPORATION FOR THE HOMEOWNERS ASSOCIATION WAS ACCEPTED BY THE STATE DEPARTMENT OF ASSESSMENT AND TAXATION ON 12-21-04 IN UBER B00741 AT FOLIO 0897.
15. THERE ARE NO BURIAL GROUNDS, CEMETERIES OR HISTORIC STRUCTURES LOCATED ON THE SUBJECT PROPERTY, TO THE BEST OF OUR KNOWLEDGE.
16. THIS PLAN IS SUBJECT TO COMPLIANCE WITH THE FOURTH EDITION OF THE SUBDIVISION REGULATIONS AS A CONSEQUENCE OF SUBMISSION OF THE PRELIMINARY PLAN (P-04-05) PRIOR TO 11-15-2001. THIS PROJECT IS SUBJECT TO COMPLIANCE WITH COUNCIL BILL 50-2001 WHICH AMENDS PORTIONS OF THE ZONING REGULATIONS AS A CONSEQUENCE FOR NOT HAVING PRELIMINARY PLAN APPROVAL PRIOR TO 11-1-2001. DEVELOPMENT OR CONSTRUCTION ON THESE LOTS MUST COMPLY WITH SETBACK AND BUFFER REGULATIONS IN EFFECT AT THE TIME OF SUBMISSION OF THE BUILDING OR GRADING PERMIT APPLICATION.

CURVE DATA CHART					
CURVE	RADIUS	LENGTH	TANGENT	DELTA	CHORD
104-105	50.00'	20.14'	10.21'	23°04'26"	S89°06'20"W 20.00'

MINIMUM LOT SIZE CHART			
LOT NO.	GROSS AREA	PIPESTEM AREA	MINIMUM LOT SIZE
5	51,099 S.F.	1,845 S.F.	49,254 S.F.

COORDINATE CHART (NAD '83)		
BOUNDARY COORDINATES		
No.	NORTH	EAST
100	579704.3086	1306797.9740
101	579721.0125	1306980.6583
102	579551.8135	1307023.8385
103	579382.9127	1306981.6715
104	579291.7100	1306981.6715
105	579291.3978	1306963.0979
106	579386.0532	1306961.6200
107	579633.5101	1306782.7515



LEGEND

- EX. FOREST CONSERVATION EASEMENT
- EX. NATURAL AREA CONSERVATION STORMWATER MANAGEMENT CREDIT EASEMENT
- EX. PUBLIC DITCH AND TREE MAINTENANCE EASEMENTS

AREA TABULATION CHART

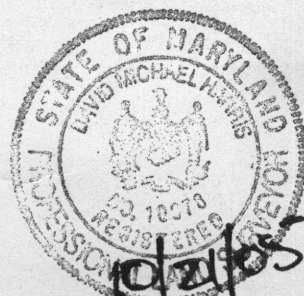
TOTAL NUMBER OF LOTS AND/OR PARCELS TO BE RECORDED	1
BUILDABLE	0
OPEN SPACE	0
NON-BUILDABLE PRESERVATION PARCELS	0
NON-BUILDABLE BULK PARCELS	0
TOTAL AREA OF LOTS AND/OR PARCELS TO BE RECORDED	1.17± AC.
BUILDABLE	N/A
OPEN SPACE	N/A
NON-BUILDABLE PRESERVATION PARCELS	N/A
NON-BUILDABLE BULK PARCELS	N/A
TOTAL AREA OF ROADWAY TO BE RECORDED (INCLUDING WIDENING STRIPS)	N/A
TOTAL AREA OF SUBDIVISION TO BE RECORDED	1.17± AC.

BENCHMARK ENGINEERING, INC.

8480 BALTIMORE NATIONAL PIKE SUITE 418
ELLICOTT CITY, MARYLAND 21043
phone: 410-465-6105 fax: 410-465-6644
www.bei-civilengineering.com

SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF THAT THE INFORMATION HEREON IS CORRECT, THAT IT IS PART OF THE FIFTH PARCEL OF LAND ACQUIRED BY TOLL MD PARTNERSHIP FROM EDGEMOUNT FARM, INC. BY DEED DATED JANUARY 5, 2005 AND RECORDED IN 08901 AT FOLIO 299 AND THAT ALL MONUMENTS ARE IN PLACE AS FAR AS THEY RELATE TO 1 MAKING OF THIS EASEMENT PLAT PRIOR TO ACCEPTANCE OF THE EASEMENTS BY HOWARD CO., IN ACCORDANCE WITH THE ANNOTATED CODE OF MARYLAND, AS AMENDED.



DAVID M. HARRIS
REGISTERED PROFESSIONAL LAND SURVEYOR
MARYLAND NO. 10978
FOR BENCHMARK ENGINEERING, INC.
MARYLAND NO. 551

OWNER'S CERTIFICATE

"TOLL MD V PARTNERSHIP, OWNER OF THE PROPERTY SHOWN HEREON, HEREBY ADOPTS THIS PLAN OF SUBDIVISION, AND IN CONSIDERATION OF APPROVAL OF THIS FINAL PLAT BY THE DEPARTMENT OF PLANNING AND ZONING, ESTABLISHES THE MINIMUM BUILDING RESTRICTION LINES AND GRANTS UNTO HOWARD COUNTY, MARYLAND, ITS SUCCESSORS AND ASSIGNS, (1) THE RIGHT TO LAY, CONSTRUCT AND MAINTAIN SEWERS, DRAINS, WATER PIPES, AND OTHER MUNICIPAL UTILITIES AND SERVICES, IN AND UNDER ALL ROADS AND STREET RIGHTS-OF-WAY, AND THE SPECIFIC EASEMENT AREAS SHOWN HEREON, (2) THE RIGHT TO REQUIRE DEDICATION FOR PUBLIC USE THE BEDS OF THE STREETS AND/OR ROADS, FLOODPLAINS AND OPEN SPACE WHERE APPLICABLE, AND FOR GOOD AND OTHER VALUABLE CONSIDERATION, HEREBY GRANTS THE RIGHT AND OPTION TO HOWARD COUNTY TO ACQUIRE THE FEE SIMPLE TITLE TO THE BEDS OF THE STREETS AND/OR ROADS AND FLOODPLAINS, STORM DRAINAGE FACILITIES AND OPEN SPACE WHERE APPLICABLE, (3) THE RIGHT TO REQUIRE DEDICATION OF WATERWAYS AND DRAINAGE EASEMENTS FOR THE SPECIFIC PURPOSE OF THEIR CONSTRUCTION, REPAIR AND MAINTENANCE, AND (4) THAT NO BUILDING OR SIMILAR STRUCTURE OF ANY KIND SHALL BE ERRECTED ON OR OVER THE SAID EASEMENTS AND RIGHTS-OF-WAY, WITNESS OUR HANDS THIS 14th DAY OF OCTOBER, 2005."

DOUGLAS C. SHIPLEY
TOLL MD V PARTNERSHIP
DATE: 10-19-05

OWNER:
TOLL MD V PARTNERSHIP
250 GIBRALTAR ROAD
HORSHAM, PENNSYLVANIA 19044

WITNESS
DATE: 10/19/05

PURPOSE STATEMENT:

THE SOLE AND ONLY PURPOSE OF THIS REVISION PLAT IS TO REVISE THE 50' FRONT BRL FOR LOT 5 TO BE PARALLEL WITH COMMON LINE WITH LOT 4.

RECORDED AS PLAT NO. 17831
ON 11/29/05 AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND.

REVISION PLAT

TRIADDELPHIA CROSSING
LOT 5

PREVIOUSLY RECORDED AS
PLAT NUMBER 17232-17235

FOURTH ELECTION DISTRICT OF HOWARD COUNTY, MARYLAND
TAX MAP: 21
GRID: 17 & 23
PARCEL: 97
ZONED: RC-DEO
SCALE: AS SHOWN
DATE: OCTOBER, 2005
SHEET: 1 OF 1

F-06-088