

APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____ A/P _____

AGENCY REVIEW: _____ DATE _____

DO NOT WRITE ABOVE THIS LINE

I HEREBY APPLY FOR THE NECESSARY TESTING/EVALUATION PRIOR TO ISSUANCE OF SEWAGE DISPOSAL SYSTEM PERMIT(S) TO:

CHECK AS NEEDED:

- CONSTRUCT NEW SEPTIC SYSTEM(S)
- REPAIR/ADD TO AN EXISTING SEPTIC SYSTEM
- REPLACE AN EXISTING SEPTIC SYSTEM

CHECK AS NEEDED:

- NEW STRUCTURE(S)
- ADDITION TO AN EXISTING STRUCTURE
- REPLACE AN EXISTING STRUCTURE

CHECK ONE:

- CREATE NEW LOT(S)
- BUILD ON AN EXISTING LOT IN A SUBDIVISION
- BUILD ON AN EXISTING PARCEL OF RECORD

IS THE PROPERTY WITHIN 2500' OF ANY RESERVOIR?

- YES
- NO

THE TYPE OF STRUCTURE IS:

- RESIDENTIAL WITH _____ PROPOSED BEDROOMS IN THE COMPLETED STRUCTURE (NOTE **UNKNOWN** IF APPROPRIATE)
- COMMERCIAL (PROVIDE DETAIL OF NUMBERS AND TYPES OF EMPLOYEES/ CUSTOMERS ON ACCOMPANYING PLAN)
- INSTITUTIONAL/GOVERNMENT (PROVIDE DETAIL OF NUMBERS AND TYPES OF EMPLOYEES/USERS ON ACCOMPANYING PLAN)

PROPERTY OWNER(S) _____

DAYTIME PHONE _____ CELL _____ FAX _____

MAILING ADDRESS _____
STREET CITY/TOWN STATE ZIP

APPLICANT _____

DAYTIME PHONE _____ CELL _____ FAX _____

MAILING ADDRESS _____
STREET CITY/TOWN STATE ZIP

APPLICANT'S ROLE: DEVELOPER BUILDER BUYER RELATIVE/FRIEND REALTOR CONSULTANT

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME _____ LOT NO. _____

PROPERTY ADDRESS _____
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) _____ GRID _____ PARCEL(S) _____ PROPOSED LOT SIZE _____

AS APPLICANT, I UNDERSTAND THE FOLLOWING: THE SYSTEM INSTALLED SUBSEQUENT TO THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC SEWERAGE IS AVAILABLE. THIS APPLICATION IS COMPLETE WHEN ALL APPLICABLE FEES AND A SUITABLE SITE PLAN HAVE BEEN RECEIVED. I ACCEPT THE RESPONSIBILITY FOR COMPLIANCE WITH ALL M.O.S.H.A. AND "MISS UTILITY" REQUIREMENTS. APPROVAL IS BASED UPON SATISFACTORY REVIEW OF A PERC CERTIFICATION PLAN.

TEST RESULTS WILL BE MAILED TO APPLICANT. _____
SIGNATURE OF APPLICANT

HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM
7178 COLUMBIA GATEWAY DRIVE COLUMBIA, MARYLAND 21046 (410) 313-1771 FAX (410) 313-2648
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

(A)

OrBr sbk
Dense SaCl
Loam

4.5'

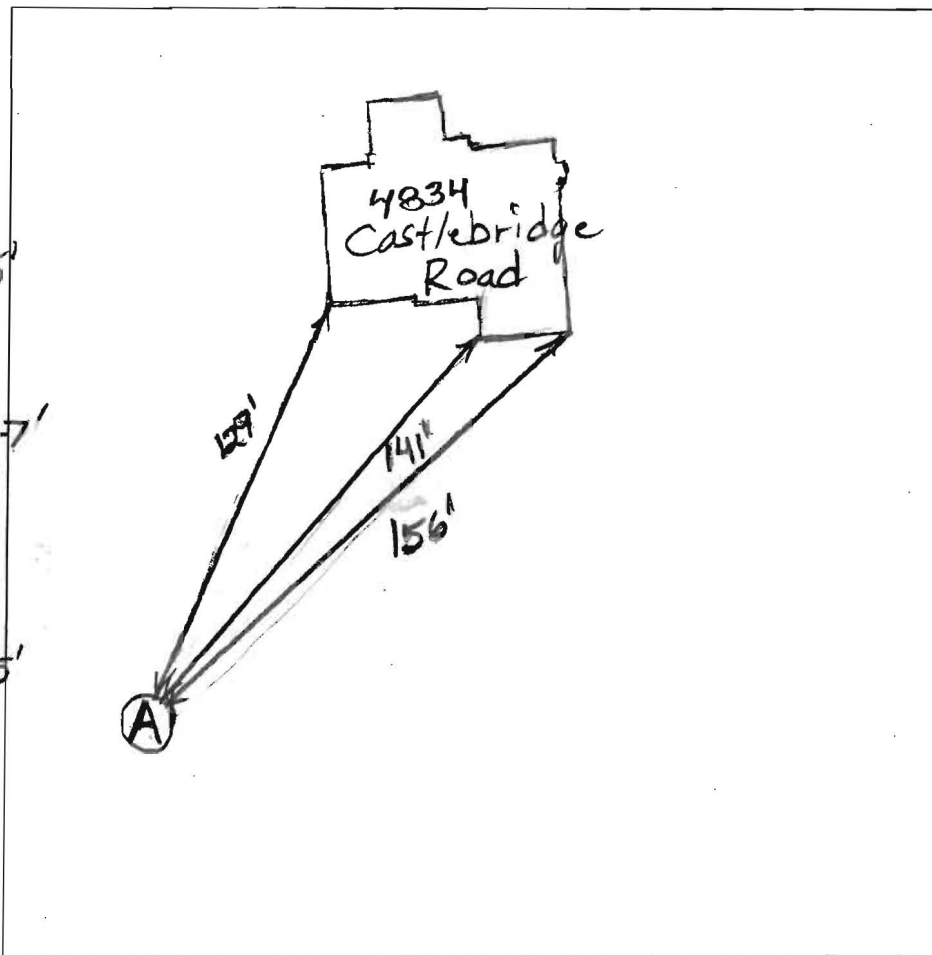
Red SaCl
Loam, very
fine sbk

6.5-7'

OrBr Sa
Loam
~15%
saprofite

Wet

15.5'



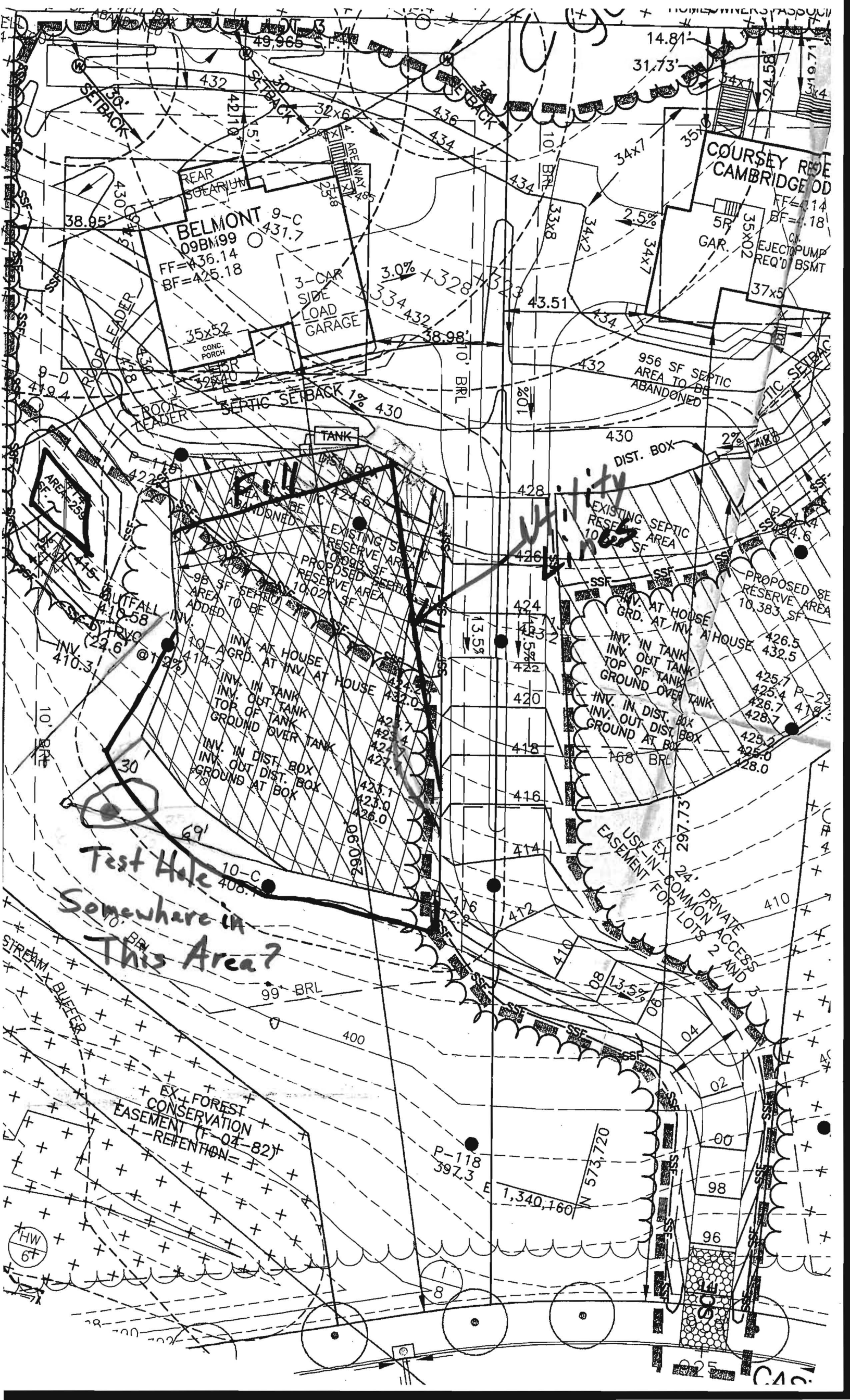
DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
3/17/2010	A	75'/155'	11:23	11:27	11:34	30	7 1/2 P

REMARKS

SANITARIAN B. Baker BACKHOE Hatfields OTHERS _____

TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____

TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____



14.81'

31.73'

49.965

432

421.0

32x6

436

434

10' BRL

34x7

35'

COURSEY ROAD
CAMBRIDGE

FF=41.14
BF=41.18
5R GAR.
35x02
EJECTOR PUMP
REQ'D BSMT
37x5

BELMONT 9-C
09BM99
FF=436.14
BF=425.18

3-CAR
SIDE
LOAD
GARAGE

3.0% +328

334 432

38.98'

43.51

434

956 SF SEPTIC
AREA TO BE
ABANDONED

ROOF LEADER

SEPTIC SETBACK 1% 430

TANK

430
DIST. BOX

EXISTING
RESERVE AREA
10,008 SF

PROPOSED SE
RESERVE AREA
10,383 SF

AREA 255

OUTFALL
4:10-58

INV. (22.6)

INV. 410.3

98 SF SEPTIC
AREA TO BE
ADDED

INV. AT HOUSE
414.7

INV. IN TANK
TOP OF TANK
GROUND OVER TANK

INV. IN DIST. BOX
GROUND AT BOX

INV. AT HOUSE
432.0

INV. IN TANK
TOP OF TANK
GROUND OVER TANK

INV. IN DIST. BOX
GROUND AT BOX

INV. AT HOUSE
424.5

INV. IN TANK
TOP OF TANK
GROUND OVER TANK

INV. IN DIST. BOX
GROUND AT BOX

423.1
423.0
426.0

427.1
427.0

423.1
423.0
426.0

427.1
427.0

423.1
423.0
426.0

427.1
427.0

423.1
423.0
426.0

427.1
427.0

423.1
423.0
426.0

427.1
427.0

423.1
423.0
426.0

427.1
427.0

423.1
423.0
426.0

427.1
427.0

423.1
423.0
426.0

13.5'

424

423

422

420

418

416

414

412

410

408

406

404

402

400

398

396

394

392

390

388

386

384

382

380

378

376

374

372

424

423

422

420

418

416

414

412

410

408

406

404

402

400

398

396

394

392

390

388

386

384

382

380

378

376

374

372

370

USE-EX-24' PRIVATE
EASEMENT FOR LOTS 2 AND 3

Test Hole
Somewhere in
This Area?

EX-FOREST
CONSERVATION
EASEMENT (F-04-82)
-RETENTION

HW
6'

P-118
397.3

1,340,160

02/1720

98

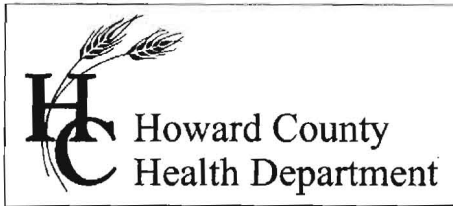
96

94

92

90

CAC



7178 Columbia Gateway Drive, Columbia MD 21046
Phone (410) 313-2640 Fax (410) 313-2648
TDD (410) 313-2323 Toll Free 1-866-313-6300
Website: www.hchealth.org

Peter L. Beilenson, M.D., M.P.H., Health Officer

December 3, 2009

**RE: Tax Map29, Parcel 20
Revised Percolation Certification Plan
Building Permit # B09003237**

Winchester Homes:

Prior to building permit approval an approved revised Percolation Certification Plan is required. Further review is contingent upon submission of a Percolation Certification Plan showing the following:

- Proposed house shall not encroach on regulated setbacks from septic system components. House must be 20 feet from the septic tank.

I hope these comments and enclosures are helpful in preparing your plan. Your building permit will be placed "on hold" until all Health Dept. requirements are met. If you have any questions or correspondence, I can be reached at the above address or by telephone at (410) 313-2775.

Respectfully,
Dana L. Bernard
Dana L. Bernard, Sanitarian
Bureau of Environmental Health
Well and Septic Program
Phone (410) 313-2775
E-mail: DBernard@howardcountymd.gov

cc: Well & Septic program file
Benchmark Engineering

APPLICATION

PERCOLATION TESTING

A 516 084

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 SECURITY DEVELOPMENT, L.L.C.
P.O. BOX 417
ADDRESS ELLICOTT CITY, MD 21041 PHONE 410-465-4244

AGENT OR PROSPECTIVE BUYER _____
ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION HOMEWOOD LOT NO. 10

ROAD AND DESCRIPTION HOMEWOOD ROAD

TAX MAP 23 & 29 PARCEL # 20 & 86

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

SECURITY DEVELOPMENT LLC
By: [Signature] MEMBER
(SIGNATURE OF APPLICANT) STEVEN K. BIRSEIN

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

APPLICATION

PERCOLATION TESTING

A 516084

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

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PROPERTY OWNER SECURITY DEVELOPMENT, L.L.C.
P.O. BOX 417
ADDRESS ELLICOTT CITY, MD 21041 PHONE 410-465-4244

AGENT OR PROSPECTIVE BUYER _____
ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION HOMWOOD LOT NO. 9

ROAD AND DESCRIPTION HOMWOOD ROAD

TAX MAP 23 & 29 PARCEL # 20 & 86

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

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COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT. By: [Signature] MEMBER
(SIGNATURE OF APPLICANT) STEVEN K. BIRFROTH

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 _____

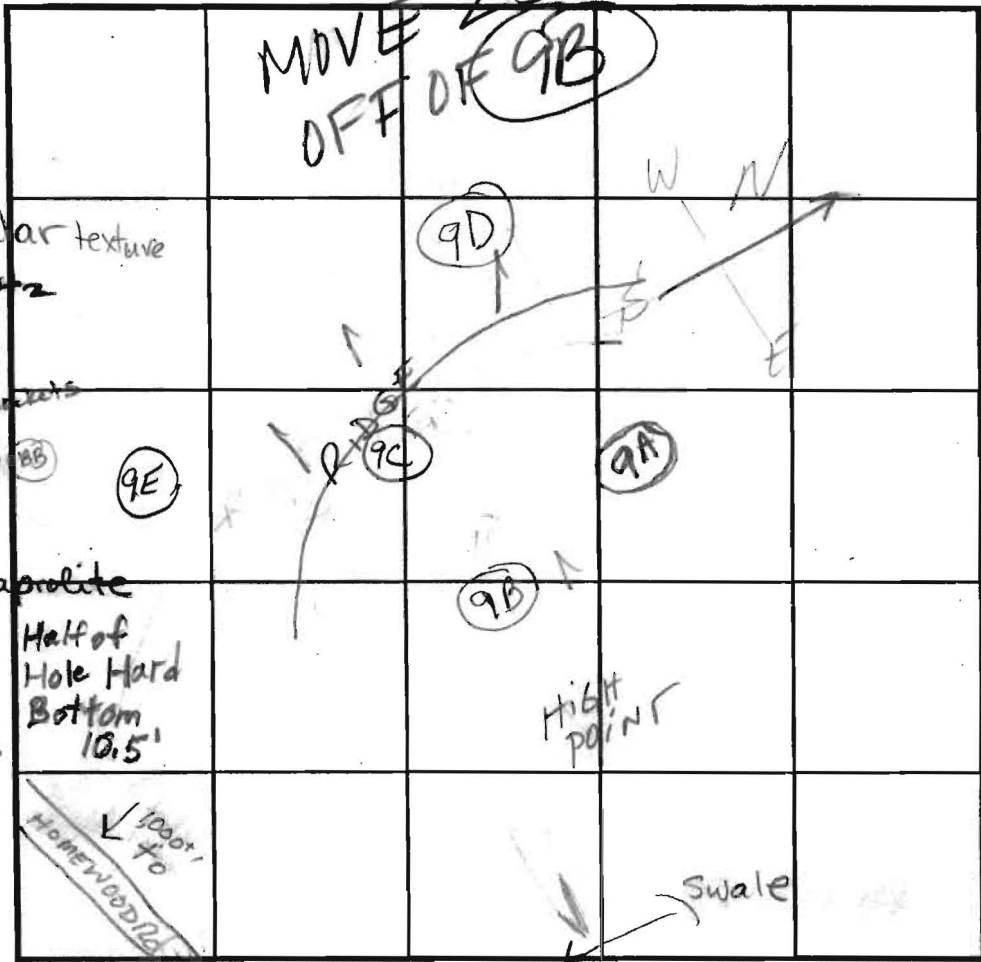
SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

THIS IS NOT A PERMIT

516084
COUNTY #

SOIL PROFILE

0' **9B**
Strong org
brn
hvy granular texture
SCILM
micaceous
Rx 5-10%
5'
gravelly
hvy lm
y brn
tan
beige
Strong org
Horg brn
Rock + hard
throughout
@ 35-45%
Bottom 14'
damp, hard
micaceous sep.



SOIL PROFILE

0' **9C**
Dense
DK brn
rd brn
hvy SCLM
Rx 5%
6'
Transition
micaceous
Lm origin
Rx 10-15%
7'
S-SLM
few pockets
30-40%
AVG 20%
Cherty
Bottom
9E
RD BRN
CLLM
2 1/2 - 3'
Pebbles &
Rock Frag
Gritty 5-7%
SCLLM
micaceous
Loam
fine-med
SAND
Rx < 5%
Bottom

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4-17-02	9B	6' 2" 5' in rock?	10:50 ⁵⁴	10:54	10:54	11:01	7 min
		4.5' hvy Lm layer	11:08	Pulled too slow	3/4" in	20 min	
	Reshelf @ 7.5'		1:25	1:27	1:27	1:29:45	2 min 45 sec
	9A	Excessive Rock		SEE SOIL PROFILE		REPUSS AT 6 1/2'	
	Dug w/ Post hole digger	9C	6 1/2' S	11:23	11:25 ⁰⁰	11:25:00	1:45
	MARGINAL repair 14'		11:33:04	11:36:28	11:36:28	11:38:15	~2 min
	reshelf	7.5'	12:32:15	12:32:35	12:32:35	12:33:25	50 sec
	9D	Hard Bottom at 5'					
	9E	5 1/2' / 14'	12:18	12:29	12:29	12:43	14 OK

REMARKS **9B** N-S vein of Rock on E wall 10 1/2' down few pockets of 20% Rx
 TYPE OF SOIL Holes DUG PER PLAN
 TESTED BY KACU & BRIAN ALSO PRESENT HATFIELDS
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____
 INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT/BEDROOM _____

9A
DK brn
hvy
SCLM
3 1/2'
Strong org brn
rd brn
micaceous
SCLM
Rx 15-25%
5'
Rx
45-55%
Hard Bottom 7'

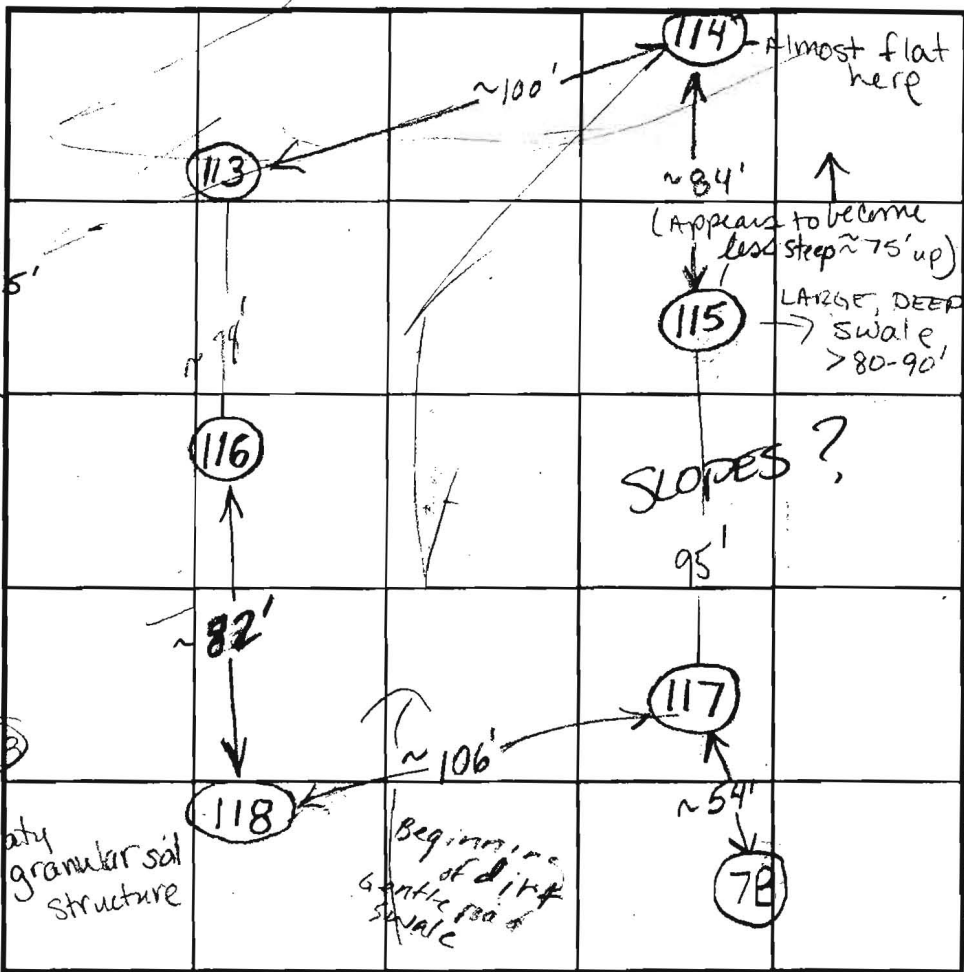
?
F
NEE
FURT
KER
F
?

COUNTY #

SOIL PROFILE

(117)

Strong brn
 5' or br
 fine sand
 med grain
 10%
 Rock
 and
 Saprolite
 Bottom



SOIL PROFILE

(116)

Strong brn
 gummy
 Sandy Cl Lm
 silty Lm
 strong
 lt ybrn
 sand
 Rx overl
 10-15%
 Bottom

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

* NEED FIELD RUN TOPO

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
10/31/02	(117)	4'	9:36	9:46	9:46	10:06	20 (M) location
		6 1/2' / 14'	9:36	9:39	9:39	9:42	3 min
	(115)	5 1/2' S	9:55	10:27		11:28 1 1/4" log	~45 min? (F)
	(114)	6' S / 14 1/2'	10:16			10:18	repair
			10:18:30	10:19:30	10:19:30	10:21:30	2 min OK
	(113)	4' 10" / 12 1/2'	10:24	10:25:30	10:25:30	10:26:30	repair
			10:28	10:29:30	10:29:30	10:32:30	3 1/2 OK
		Shallower L sand than 114 + 115 -> to 3'					
	Slopes 7-116 -> 118	6'	?	10:44	10:44	10:54	10 min
		4' / 12'	10:49	10:52	10:52	10:55	3 min

REMARKS

RAINED 10/29+10/30

TESTED BY Racie/BB ALSO PRESENT Hatfields

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

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

(115) (114) (113)
 strong org
 gravelly
 cobbly
 Loamy sand
 pink quartz
 (pockets)
 25-300/10+
 5 1/2'
 lt brn
 lt rg
 fine
 sand
 Rock pocket (1)
 from 5-8'
 running up
 hill - 300
 massive soil
 structure
 Bottom 15'

(114)
 Same
 soil
 profile
 as 115
 but
 much less
 rock ~ 5-10%
 sm
 frag
 Bottom 14 1/2'

(118)
 Strong rd
 brn
 Cl Lm
 Transition
 Si Lm
 to SAND
 lt brn
 Rx < 10%
 Bottom 12'

APPLICATION

PERCOLATION TESTING

A 5/6084

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 Homewood LOT NO. WAS LOT 9, NOW LOT 5 ^{10/31/02}

ROAD AND DESCRIPTION _____

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

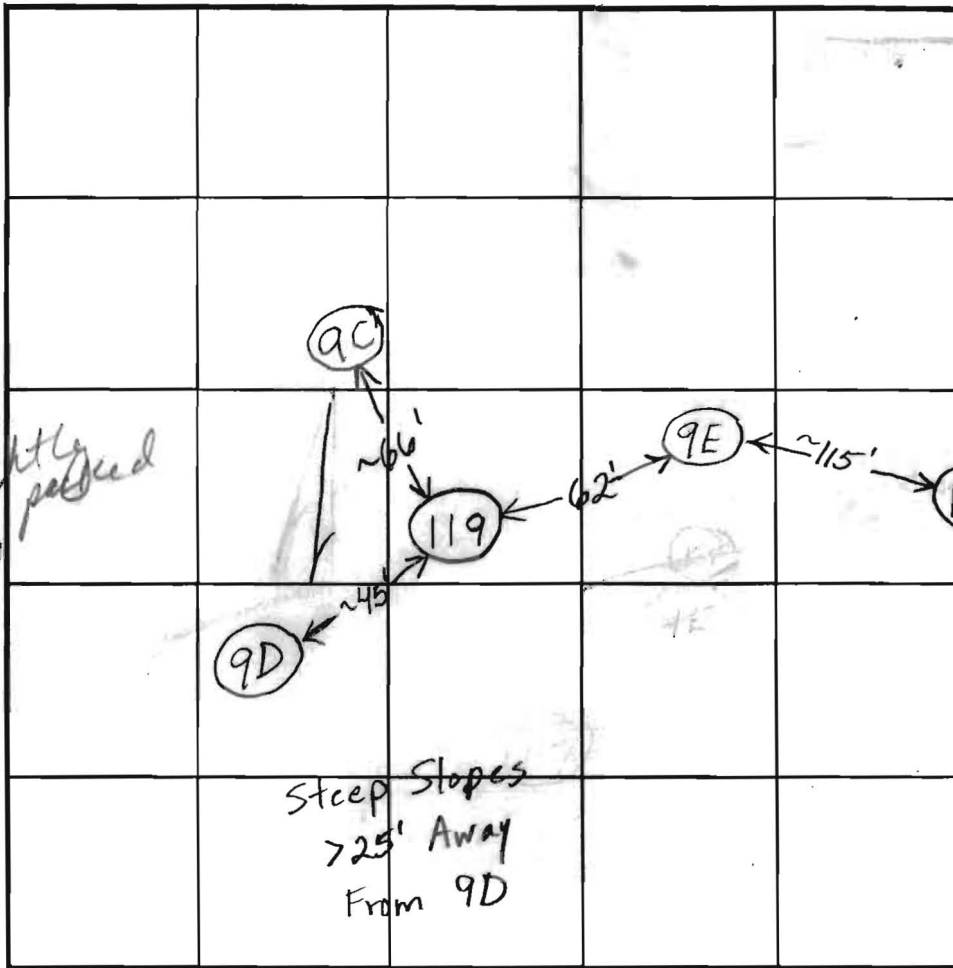
516084
COUNTY #

SOIL PROFILE

0' (119)
Strong brn
DK brn
CLM
Strong
SLM
massive
structure
Trace
Med sized
sand grain
fine sized
sand
13'

SOIL PROFILE

0'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

FIELD-RUN TOP!

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
10/31/02	(119)	5.5'/13'v	12:17	12:37	12:37	1:10 ^{still} 1:16 to go	(M)
		Will perc @ 7'					
		Perc rate passes but location of hole due to surrounding slopes a concern					

REMARKS _____

TYPE OF SOIL _____

TESTED BY Kace ALSO PRESENT Watfield

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

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

LOT 14

HARMON C. LANDESMAN
RENEE K. LANDESMAN
1976/547
11073 GAIHER FARM ROAD
4.38 AC. +/-

GRID NORTH

MIDZ

E 1,340.750

N 573.750

*Copy of signed
perm plan
aka prelim
plan
ChBZ 7/10/03
Well Site Staked
By Benchmark
(BB)*

ChBZ

EXISTING
SEPTIC AREA

MgC2

JOEL C. PARRAN
JAY K. PARRAN
1/07/445
3617 SOUTHFIELD COURT
4.04 AC. +/-

ChC2

1504'36" N
FUTURE PRESERVATION PARCEL
4.34 AC. +/-

MgC2

NON-BUILDABLE PRES. PARCEL
DEDICATED TO RECS AND PARKS
ENVIRONMENTAL TRUST FARM FINDER
M.C.A. EASEMENT HOLDER
FOREST
CONSERVATION
EASEMENT
RETENTION

MIDZ

STREAM BUFFER

WETLANDS BUFFER

WETLANDS

INTERMITTENT STREAM

STREAM BUFFER

EXISTING FARM ROAD CROSSING

ChC2

ChBZ

*Well Site Staked
By Benchmark
(BB)*

ChBZ

EXISTING
SEPTIC AREA

LOT 15

WELL

LOT 3

LOT 3

LOT 3

LOT 3

LOT 3

LOT 3

LOT 3

LOT 3

LOT 3

LOT 3

LOT 3

LOT 3

LOT 3

LOT 3

LOT 3

LOT 3

LOT 3

*Copy of signed
perm plan
aka prelim
plan
ChBZ 7/10/03
Well Site Staked
By Benchmark
(BB)*

ChBZ

EXISTING
SEPTIC AREA

LOT 15

WELL

LOT 3

LOT 3

LOT 3

LOT 3

LOT 3

LOT 3

LOT 3

LOT 3

LOT 3

LOT 3

LOT 3

LOT 3

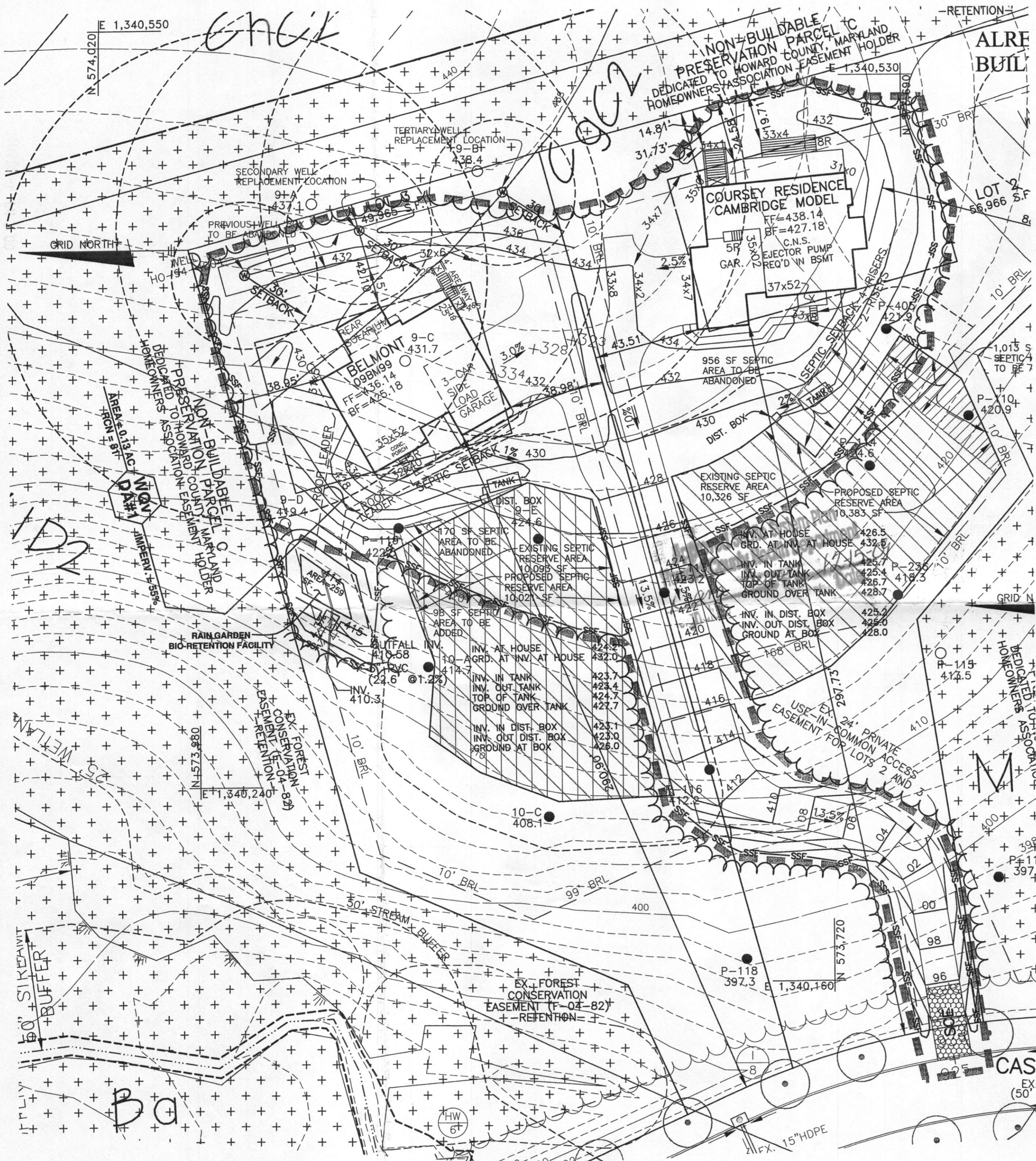
LOT 3

LOT 3

LOT 3

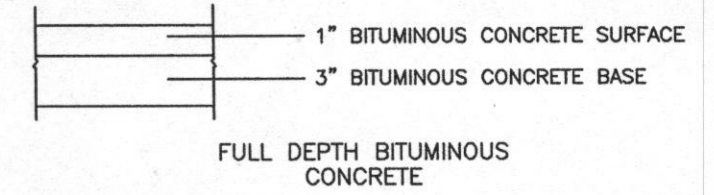
LOT 3

LOT 3



NOTES:

1. THE LOT SHOWN HEREON WAS RECORDED ON THE PLAT FOR RIVERWOOD, PLAT No. 18035. REFER TO THE PLAT FOR LOT DIMENSIONS, LOT AREAS AND ALL EASEMENTS.
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 ADJUSTMENTS TO THE PRIVATE SEWERAGE EASEMENT. ANY CHANGES TO A PRIVATE SEWERAGE EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN. RECORDATION OF A MODIFIED SEWERAGE EASEMENT PLAT SHALL NOT BE NECESSARY.
3. SEDIMENT AND EROSION CONTROLS WERE APPROVED BY HOWARD SOIL CONSERVATION DISTRICT UNDER GP-05-31 AND MODIFIED FOR THIS SPECIFIC HOUSE.
4. TOPOGRAPHY SHOWN HEREON IS TAKEN FROM THE APPROVED ROAD CONSTRUCTION PLANS AND HAS BEEN FIELD VERIFIED BY J.A. RICE, INC., ON OR ABOUT SEPTEMBER 2002.
5. EXACT LENGTH OF SEPTIC TRENCHES ARE BE DETERMINED BY THE HEALTH DEPARTMENT AT THE TIME OF TRENCH LAYOUT AND INSPECTION.
6. SPOIL FROM THE TRENCHING OF THE SEPTIC AREA IS TO BE PLACED ON THE UPHILL SIDE OF THE EXCAVATION FOR EACH INDIVIDUAL LOT.
7. ALL SEDIMENT AND EROSION CONTROL FEATURES USED ON THIS SITE SHALL COMPLY WITH 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
8. ALL DRAINAGE AND STORMWATER MANAGEMENT FEATURES USED ON THIS SITE MUST COMPLY WITH THE APPROVED ROAD CONSTRUCTION PLANS.
9. SEPTIC TANK FOR THIS LOT TO BE 2,000 GALLONS.
10. THE EXISTING WELL SHOWN ON THIS PLAN, HO-94-4004, HAS BEEN FIELD LOCATED BY BENCHMARK ENGINEERING, INC. AND IS ACCURATELY SHOWN.
11. THERE ARE NO EXISTING WELLS OR SEPTIC SYSTEMS WITHIN 100' OF THIS PROJECT'S BOUNDARY EXCEPT AS NOTED.
12. THE PURPOSE FOR THIS PERCOLATION CERTIFICATION PLAN IS TO REVISE THE SEPTIC AREA FOR GRADING ASSOCIATED WITH THE HOUSE CONSTRUCTION AND TO REPLACE THE WELL BOX WITH TWO REPLACEMENT WELL LOCATIONS.
13. ANY CHANGES TO A PRIVATE SEWERAGE EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
14. STORMWATER MANAGEMENT FOR THIS LOT IS PROVIDED IN ACORDANCE WITH THE REPORT DATED NOVEMBER, 2009.



LEGEND

- EXISTING CONTOURS ESTABLISHED UNDER F-04-082
- FIELD SURVEYED WELL LOCATION
- PASSED PERCOLATION TEST PER TEST NOTES
- FAILED PERCOLATION TEST PER TEST NOTES
- EXISTING APPROVED SEPTIC RESERVE AREA
- PROPOSED REVISED SEPTIC RESERVE AREA

PAVING SECTION

NOT TO SCALE

I CERTIFY THAT THE INFORMATION SHOWN HEREON IS BASED ON FIELD WORK PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION, AND IS CORRECT, TO THE BEST OF KNOWLEDGE AND BELIEF.

John M. Carney 12/4/09
 PLAN PREPARER
 JOHN M. CARNEY FOR BENCHMARK ENGINEERING, INC.

APPROVED:
 FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS
 HOWARD COUNTY HEALTH DEPARTMENT

Walter forster Brilenson 12/14/2009
 COUNTY HEALTH OFFICER DATE

BENCHMARK
 ENGINEERS ▲ LAND SURVEYORS ▲ PLANNERS
ENGINEERING, INC.

8480 BALTIMORE NATIONAL PIKE ▲ SUITE 418
 ELLICOTT CITY, MARYLAND 21043
 PHONE: 410-465-6105 ▲ FAX: 410-465-6644
 EMAIL: benchmrk@ccais.com

OWNER/BUILDER:
 CAMBERLEY HOMES, INC.
 6905 ROCKLEDGE DRIVE
 SUITE 800
 BETHESDA, MD 20817
 PHONE: 301-803-4800
 FAX: 301-803-4929

PROJECT: **RIVERWOOD LOT 3**

LOCATION: 4834 CASTLEBRIDGE ROAD
 ELLICOTT CITY, MD 21042
 TAX MAP No. 29 - BLOCK Nos. 3, 4, 9 & 10 - PARCEL No. 20
 3rd ELECTION DISTRICT, HOWARD COUNTY, MARYLAND

TITLE: **BUILDING PERMIT PLAN AND REVISED PERCOLATION CERTIFICATION PLAN**

HOUSE TYPE: **BELMONT**

DATE: **NOVEMBER 17, 2009** PROJECT NO. **1950**

SCALE: **1" = 30'** DRAWING **1** OF **1**

DESIGN: JMC DRAFT: JMC