



APPLICATION

DB

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____

AP 530342

AGENCY REVIEW: _____

DATE 3/23/09

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 UNKNOWN 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) CYNTHIA RUDD TRUST c/o SANDY SPRING BANK ATTN WILLIAM HARVEY

DAYTIME PHONE 301 570 8317 CELL _____ FAX 301 570 1195

MAILING ADDRESS 17801 GEORGIA AVE OLNEY MD 20832
STREET CITY/TOWN STATE ZIP

APPLICANT CAS ENGINEERING ATTN: ERIC TIDD

DAYTIME PHONE 301 607 8031 x 12 CELL _____ FAX 301 607 8045

MAILING ADDRESS 108 W. RIDGEVILLE BLVD SUITE 101 MT. AIRY MD 21771
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME RIVER FARMS SECTION 2 LOT NO. 17

PROPERTY ADDRESS 2983 DUVALL ROAD WOODBINE
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 13 GRID 18 PARCEL(S) _____ PROPOSED LOT SIZE 1.8054 AC

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) 313-2640 FAX (410) 313-2648
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

 Maryland Department of Assessments and Taxation HOWARD COUNTY Real Property Data Search (2007 vw2.3)	Go Back View Map New Search
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Account Identifier: District - 04 Account Number - 327039

Owner Information

Owner Name: RUDD CYNTHIA S TR C/O SANDY SPRING BANK-MR HARVEY	Use: RESIDENTIAL
Mailing Address: 17801 GEORGIA AVE OLNEY MD 20832-2233	Principal Residence: NO
	Deed Reference: 1) /11311/ 281 2)

Location & Structure Information

Premises Address 2983 DUVALL RD WOODBINE 21797	Legal Description LOT 17 1.8054 A. 2983 DUVALL RD RIVER FARMS SUBDV
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Map	Grid	Parcel	Sub District	Subdivision	Section	Block	Lot	Assessment Area	Plat No:
13	18	96					17	2	Plat Ref:

Special Tax Areas	Town Ad Valorem Tax Class	NO A/V, RURAL FIRE TAX
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Primary Structure Built	Enclosed Area	Property Land Area	County Use
1964	1,800 SF	1.80 AC	
Stories	Basement	Type	Exterior
2	YES	STANDARD UNIT	SIDING

Value Information

	Base Value	Value Phase-in Assessments		
		As Of 01/01/2008	As Of 07/01/2008	As Of 07/01/2009
Land	256,800	319,300		
Improvements:	133,000	151,960		
Total:	389,800	471,260	416,953	444,106
Preferential Land:	0	0	0	0

Transfer Information

Seller: RUDD CYNTHIA S	Date: 07/31/2008	Price: \$0
Type: NOT ARMS-LENGTH	Deed1: /11311/ 281	Deed2:
Seller:	Date:	Price:
Type:	Deed1:	Deed2:
Seller:	Date:	Price:
Type:	Deed1:	Deed2:

Exemption Information

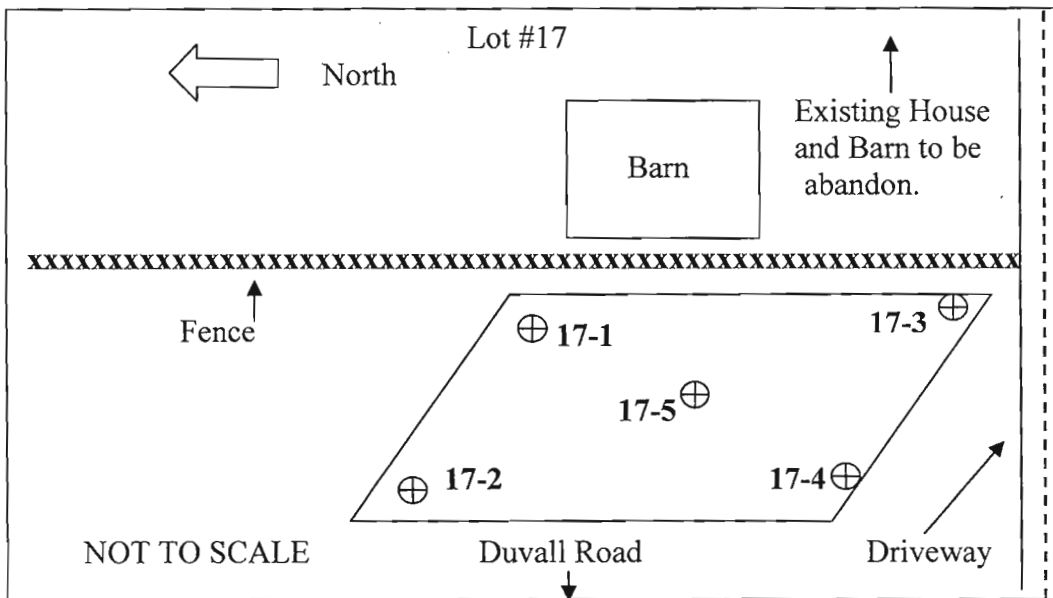
Partial Exempt Assessments	Class	07/01/2008	07/01/2009
County	000	0	0
State	000	0	0
Municipal	000	0	0

Tax Exempt: NO	Special Tax Recapture:
Exempt Class:	* NONE *

Perc Information- 2983 Duvall Road

17-1

Dk. Gray
Brown 2 SBK
SL
-----0.5'
Red-Brown
Yellow
FSL
Very Little
Mica
↓
-----13'



17-4

Dk. Gray
Brown 2 SBK
SL
-----0.5'
Red-Brown
Yellow
Heavy SL
Many Mica
-----5'
Red-Brown
20-30% Small
Rocks Fine SL
-----8'
Red -Brown SL
Much Mica
↓
>50% Rock
Refusal at 13'

17-2

Soil
Profile
Same
as
Profile
17-5

Date	Test #	Depth	Start	Break 1" Drop	Break 2" Drop	Time of 2 nd Inch	P/F/H
7-07-09	17-1	4'/13'	11:22	11:24	11:28	4 min.	Pass
7-07-09	17-2	12.7'	Visual	Pass	→		Pass
7-07-09	17-3	12'	Visual	Pass	→		Pass
7-07-09	17-4	4'/13'	10:22	10:29	10:42	27 min.	Pass
7-07-09	17-5	4'/12'	10:57	10:59	11:02	3 min.	Pass

17-5

Dk. Gray
Brown 2 SBK
-----0.5'
Red-Brown
Fine SL
Small
Amounts of
Mica
5-10%
Small Rocks
↓
-----11'

17-3

Soil
Profile
Same
as
Profile
17-4

Remarks: Very Good Soils (GgA).

Sanitarian D. Bernard Backhoe Bo Carlyle Others Ralph

Test Holes Used in 5 in SDA Avg. Perc Time SQ.FT/BR 150

Trench Width Inlet Depth Max Bot.Depth Effective S/W

HEALTH DEPARTMENT NOTES

1. THE EXISTING HOUSE ON LOT 17 MUST BE RAZED PRIOR TO USE AND OCCUPANCY OF THE NEW RESIDENCE ON LOT 17.
2. THE BURIED WELL ON LOT 17 MUST BE SEALED BY A LICENSED WELL DRILLER AND THE EXISTING SEPTIC SYSTEM MUST BE PROPERLY ABANDONED PRIOR TO USE AND OCCUPANCY OF THE NEW RESIDENCE ON LOT 17. DOCUMENTATION OF BOTH MUST BE RECEIVED AND APPROVED BY THE HEALTH DEPARTMENT PRIOR TO RELEASE OF USE & OCCUPANCY PERMIT.

LEGEND

EXISTING FEATURES	
	EX. OVERHEAD UTILITY WITH POLE
	EX. 10'- AND TEN-FOOT CONTOURS
	EX. SPOT ELEVATION
	EX. CHAIN LINK OR WIRE FENCE
	EX. WOOD FENCE
	EX. STEEP SLOPE (25% OR GREATER)
	EX. TREE LINE
	EX. SOIL BOUNDARY
	PERC TESTS (DUG BY THIS PLAN)

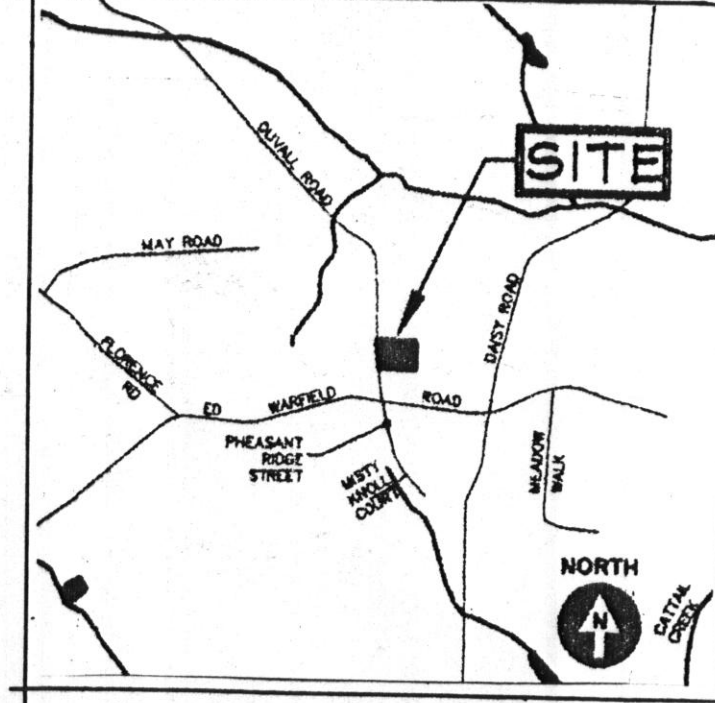
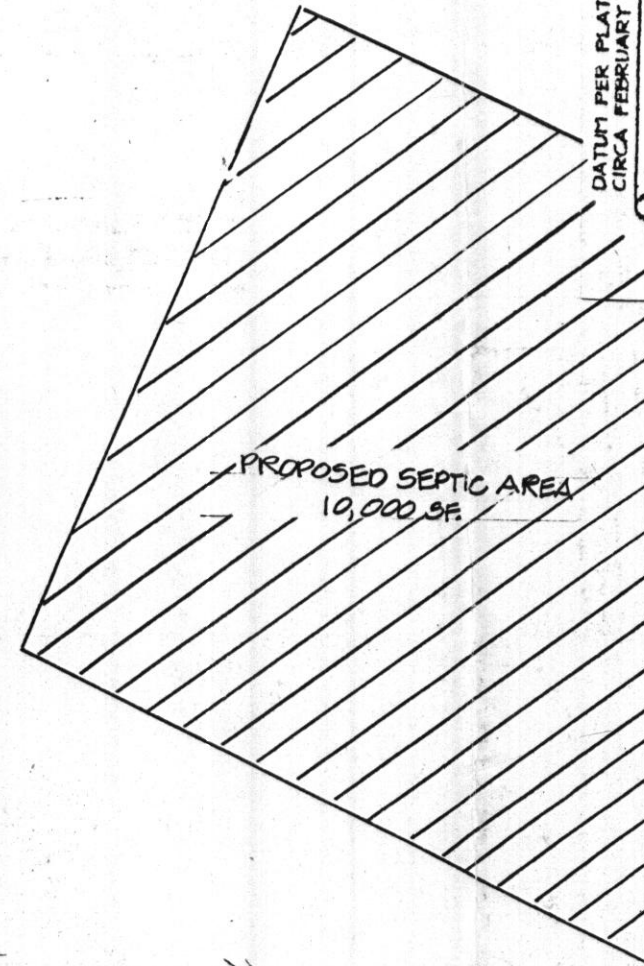
NOTE
THE INFORMATION SHOWN HEREON IS TAKEN FROM THE ORIGINAL PERCOLATION CERTIFICATION PLAN PREPARED BY CAS ENGINEERING DATED 11/18/09.

GENERAL NOTES

- 1) CURRENT ZONING: RC-DEE
FNL LOT AREA = 3.0 ACRES
LOT WIDTH AT B.R.L. = 100 FT.
- 2) TOTAL LOT AREA:
LOT 17 = 79,529.28 S.F. (1.826 ACRES)
LOT 18 = 87,296.36 S.F. (2.006 ACRES)
- 3) PROPERTY SHOWN ON TAX MAP IS, LOT 17-18, RIVER FARMS SECTION 2.
- 4) TAX ID NUMBERS:
LOT 17: 04-327094
LOT 18: 04-327030
- 5) PROPERTY SHOWN ON HOWARD COUNTY SOILS SURVEY MAP No. 1, SOIL TYPE(S): (S1), (S2), (S3).
- 6) FLOOD ZONE 10' PER F.E.M.A. FIRM MAPS, COMMUNITY PANEL NUMBER 245044 003 B.
- 7) SITE IS LOCATED IN THE CATTAL CREEK WATERSHED.
- 8) ALL ILLUSTRATED OFFSITE FEATURES ON THIS PLAN ARE APPROXIMATE AND ARE INTENDED FOR ILLUSTRATIVE PURPOSES ONLY.

PERCOLATION CERTIFICATION NOTES

- 1) ANY CHANGES TO A PRIVATE SEWAGE EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
- 2) 10'-FOOT CONTOUR DATA IS BASED ON A FIELD SURVEY COMPLETED BY CAS ENGINEERING, SEPTEMBER 2009.
- 3) ALL WELLS AND SEPTIC SYSTEMS LOCATED WITHIN 100' OF THE PROPERTY BOUNDARIES AND 200' DOWN GRADIENT OF ANY WELLS AND/OR SEPTIC SYSTEMS HAVE BEEN SHOWN.
- 4) THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND DEPARTMENT OF ENVIRONMENT.
- 5) THIS AREA DESIGNATES A PRIVATE SEWAGE DISPOSAL AREA AS REQUIRED BY THE MARYLAND DEPARTMENT OF ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED. THIS SEWAGE DISPOSAL AREA SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICE SHALL HAVE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE DISPOSAL AREA.
- 6) ALL NEW WELLS MUST BE DRILLED PRIOR TO BUILDING PERMIT APPROVAL.
- 7) EXISTING SEPTIC SYSTEM AND WELL ON LOT 17 MUST BE ABANDONED PRIOR TO BUILDING PERMIT APPROVAL.
- 8) EXISTING HOUSE ON LOT 17 MUST BE RAZED PRIOR TO BUILDING PERMIT APPROVAL FOR LOT 17.

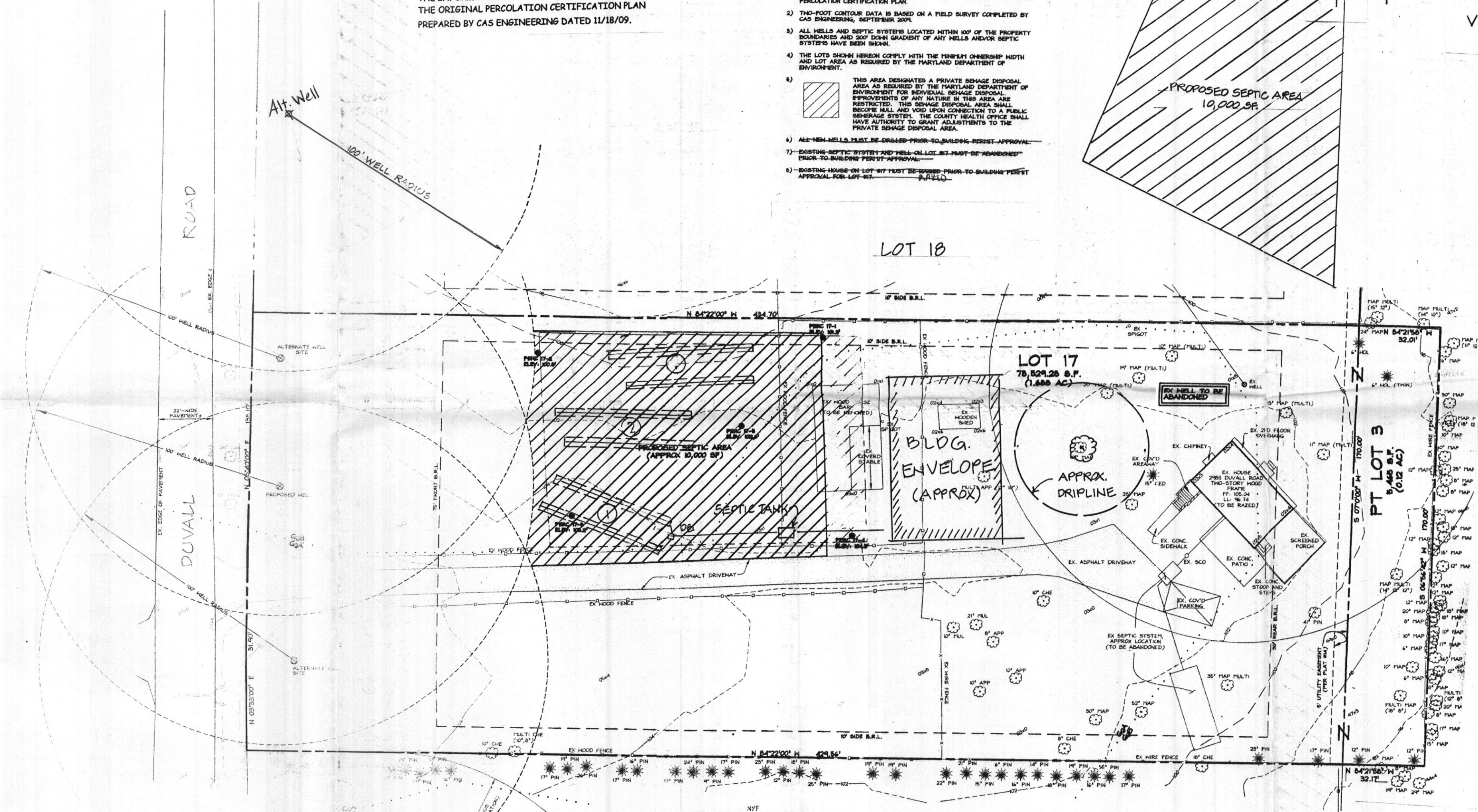


VICINITY MAP
ACC. MAP 8, GRID E-4
SCALE: 1" = 200'

OWNER
CUMBERLAND DEVELOPMENT
ATTN: CURTIS CUMBERLAND
1639 FALLING ROAD
WOODBINE, MARYLAND 21747
(301) 854-6888 PHONE
(301) 854-6825 FAX

NO VISIBLE WELL OR SEPTIC STRUCTURES ON LOT 3, BOGARD ACRES WITHIN 100 FEET OF SUBJECT PROPERTY.

N/F BOGARD, LINDA L
1639 FALLING ROAD
LOT 3 BOGARD ACRES
LIBER 1435 / FOLIO 708
PLAT NO. 6973



NOTE: EXISTING UTILITY LOCATIONS ARE APPROXIMATE. THEY ARE BASED UPON AVAILABLE RECORDS AND ARE SHOWN TO THE BEST OF OUR ABILITY. ALL UTILITY LOCATIONS MUST BE FIELD VERIFIED.

N/F SULTZER, HANDEY I AND MARASCO TAMARA A
2983 DUNN ROAD
LOT 16
RIVER FARMS INC, SECTION 2
LIBER 2447 / FOLIO 88
PLAT BOOK 2 / PAGE 14

MISS UTILITY

FOR LOCATION OF UTILITIES, CALL "MISS UTILITY" AT 1-800-257-7777, OR LOG ON TO WWW.MISSUTILITY.NET/IC 48 HOURS IN ADVANCE OF ANY WORK IN THIS VICINITY. THE EXCAVATOR MUST NOTIFY ALL PUBLIC UTILITY COMPANIES WITH UNDERGROUND FACILITIES IN THE AREA OF PROPOSED EXCAVATION, AND HAVE THOSE FACILITIES LOCATED BY THE UTILITY COMPANIES PRIOR TO COMMENCING EXCAVATION. THE EXCAVATOR IS RESPONSIBLE FOR COMPLIANCE WITH REQUIREMENTS OF CHAPTER 36A OF THE MONTGOMERY COUNTY CODE.

CHARLES R. CROCKEN & ASSOCIATES, INC.
Civil Engineering and Land Planning
902 Lee Avenue Sykesville, MD 21784
Tel. 410-549-2708 Fax. 410-549-9063

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS
Brian for Peter Dzilewicz 9/4/2012
HEALTH OFFICE, HOWARD COUNTY HEALTH DEPT. DATE: 9/4/2012

REVISED PERCOLATION CERTIFICATION PLAN
LOT 18 17
SECTION 2 - RIVER FARMS
PLAT 14, RECORDED CIRCA FEBRUARY 1963
FOURTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
SCALE: 1" = 30' DATE: 7/31/2012

RECEIVED
REVISED 8-16-12 PER HCHO COMMENTS 8/13

GENERAL NOTES

- CURRENT ZONING: RC-DEO
MIN LOT AREA = 3.0 ACRES
FRONT B.R.L. = 75 FT.
REAR B.R.L. = 30 FT. (PRINCIPLE STRUCTURE)
10 FT. (ACCESSORY STRUCTURE)
LOT WIDTH AT B.R.L. = 100 FT.
SIDE B.R.L. = 10 FT. EACH
- TOTAL LOT AREA: LOT 17 = 73,529.26 S.F. (1.688 ACRES)
LOT 18 = 87,981.36 S.F. (2.006 ACRES)
- PROPERTY SHOWN ON TAX MAP 15, LOT 17-18, RIVER FARMS SECTION 2.
- TAX ID NUMBERS: LOT 17, 04-327094
LOT 18, 04-327020
- PROPERTY SHOWN ON HOWARD COUNTY SOILS SURVEY MAP No. 9.
SOIL TYPE(S): GmB, GgB, GgA.
- FLOOD ZONE 'C' PER F.E.M.A. FIRM MAPS, COMMUNITY PANEL NUMBER 240044 0018 B.
- SITE IS LOCATED IN THE CATTAIL CREEK WATERSHED.
- ALL ILLUSTRATED OFFSITE FEATURES ON THIS PLAN ARE APPROXIMATE AND ARE INTENDED FOR ILLUSTRATIVE PURPOSES ONLY.

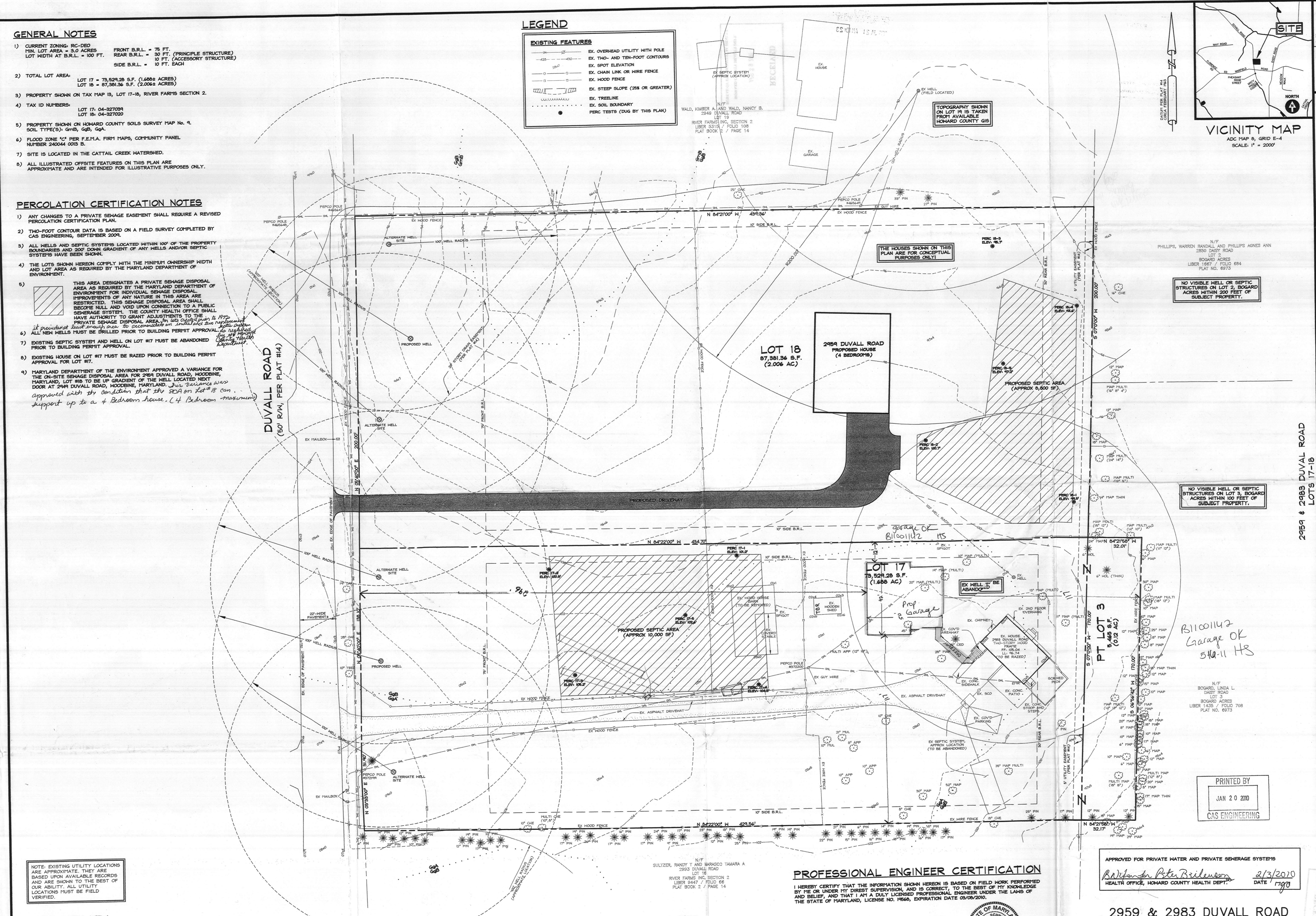
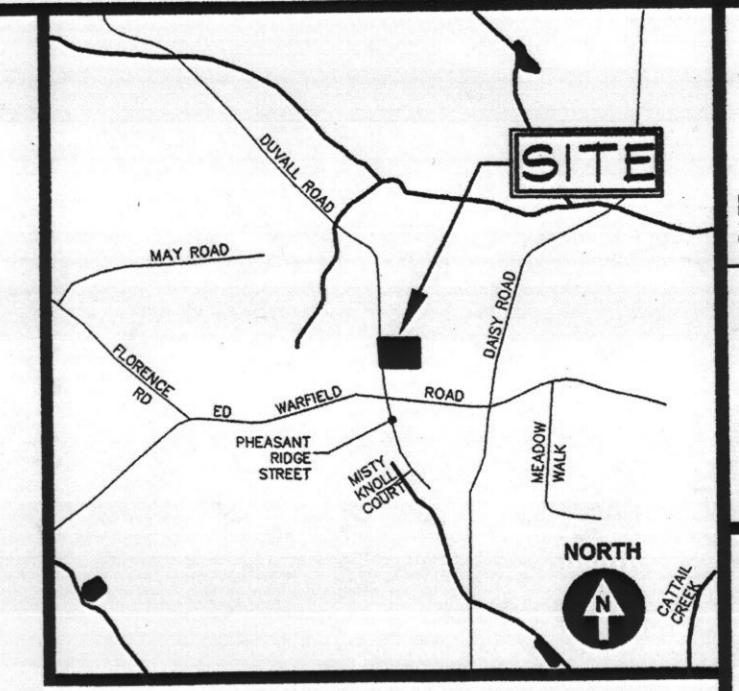
PERCOLATION CERTIFICATION NOTES

- ANY CHANGES TO A PRIVATE SEWAGE EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
- TWO-FOOT CONTOUR DATA IS BASED ON A FIELD SURVEY COMPLETED BY CAS ENGINEERING, SEPTEMBER 2009.
- ALL WELLS AND SEPTIC SYSTEMS LOCATED WITHIN 100' OF THE PROPERTY BOUNDARIES AND 200' DOWN GRADIENT OF ANY WELLS AND/OR SEPTIC SYSTEMS HAVE BEEN SHOWN.
- THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND DEPARTMENT OF ENVIRONMENT.
- THIS AREA DESIGNATES A PRIVATE SEWAGE DISPOSAL AREA AS REQUIRED BY THE MARYLAND DEPARTMENT OF ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED. THIS SEWAGE DISPOSAL AREA SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICE SHALL HAVE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE DISPOSAL AREA. *See attached letter to the County Health Department regarding this area.*
- ALL NEW WELLS MUST BE DRILLED PRIOR TO BUILDING PERMIT APPROVAL. *See attached letter to the County Health Department regarding this area.*
- EXISTING SEPTIC SYSTEM AND WELL ON LOT #17 MUST BE ABANDONED PRIOR TO BUILDING PERMIT APPROVAL.
- EXISTING HOUSE ON LOT #17 MUST BE RAZED PRIOR TO BUILDING PERMIT APPROVAL FOR LOT #17.
- MARYLAND DEPARTMENT OF THE ENVIRONMENT APPROVED A VARIANCE FOR THE ON-SITE SEWAGE DISPOSAL AREA FOR 2989 DUVALL ROAD, WOODBINE, MARYLAND, LOT #18 TO BE UP GRADIENT OF THE WELL LOCATED NEXT DOOR AT 2989 DUVALL ROAD, WOODBINE, MARYLAND. *See variance approved with the condition that the SDA on Lot #18 can support up to a 4 Bedroom house. (4 Bedroom maximum)*

LEGEND

EXISTING FEATURES

- EX. OVERHEAD UTILITY WITH POLE
- EX. TWO- AND TEN-FOOT CONTOURS
- EX. SPOT ELEVATION
- EX. CHAIN LINK OR WIRE FENCE
- EX. WOOD FENCE
- EX. STEEP SLOPE (2% OR GREATER)
- EX. TREE LINE
- EX. SOIL BOUNDARY
- PERC TESTS (DUG BY THIS PLAN)



DATE	REVISION	BY	DATE
09/20/09	PROJECT	09-054	09/20/09
09/20/09	SUBMITTAL TO H.C. HEALTH DEPT.	EBT	09/20/09
11/06/09	ADDRESS COMMENTS FROM H.C. HEALTH DEPT.	EBT	11/06/09
11/06/09	ADDRESS COMMENTS FROM H.C. HEALTH DEPT.	EBT	11/06/09
01/20/10	REVISED SEPTIC AREA FOR LOT 18 PER H.C. HEALTH DEPT.	EBT	01/20/10

2959 & 2989 DUVALL ROAD
LOTS 17-18
PLAT 14, RECORDED CIRCA FEBRUARY 1963
SEC. 2, RIVER FARMS
4TH ELECTION DISTRICT
HOWARD COUNTY, MD
PERCOLATION CERTIFICATION PLAN

CAS ENGINEERING
CIVIL • SURVEYING • LAND PLANNING
A DIVISION OF CAS ENTERPRISES, INC.
103 West Ridgeville Boulevard, Suite 103, Mount Airy, Maryland 21771
DC Metro (301) 607-8031 FAX (301) 607-8045

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OWNER
CUMBERLAND DEVELOPMENT
ATTN: CURTIS CUMBERLAND
1601 MULLINX ROAD
WOODBINE, MARYLAND 21797
(301) 854-6050 PHONE
(301) 854-6326 FAX

PROFESSIONAL ENGINEER CERTIFICATION
I HEREBY 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 MY KNOWLEDGE AND BELIEF, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 19568, EXPIRATION DATE 08/08/2010.

01/20/10
DATE
Curt A. Schreffler
CURT A. SCHREFFLER, PE

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS
Barbara Peter Beiler
HEALTH OFFICE, HOWARD COUNTY HEALTH DEPT. DATE 2/3/2010

2959 & 2989 DUVALL ROAD
LOTS 17-18
SECTION 2, RIVER FARMS
PERCOLATION CERTIFICATION PLAN

PRINTED BY
JAN 20 2010
CAS ENGINEERING

