



APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____

AP 529539

AGENCY REVIEW: _____

DATE 8/25/08

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) Michael Salandra

DAYTIME PHONE 410-489-0188 CELL _____ FAX _____

MAILING ADDRESS 3639 Broadleaf Court Greenwood MD 21738
STREET CITY/TOWN STATE ZIP

APPLICANT Benchmark Engineering Inc.

DAYTIME PHONE 410-465-6105 CELL _____ FAX 410-465-6644

MAILING ADDRESS 8480 Baltimore National Pike Ellicott City MD 21043
STREET SUIT 418 CITY/TOWN STATE ZIP

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

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME _____ LOT NO. 3

PROPERTY ADDRESS 14675 Carcs Mill Road
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 14 GRID 9 PARCEL(S) 59 PROPOSED LOT SIZE 1 Ac.

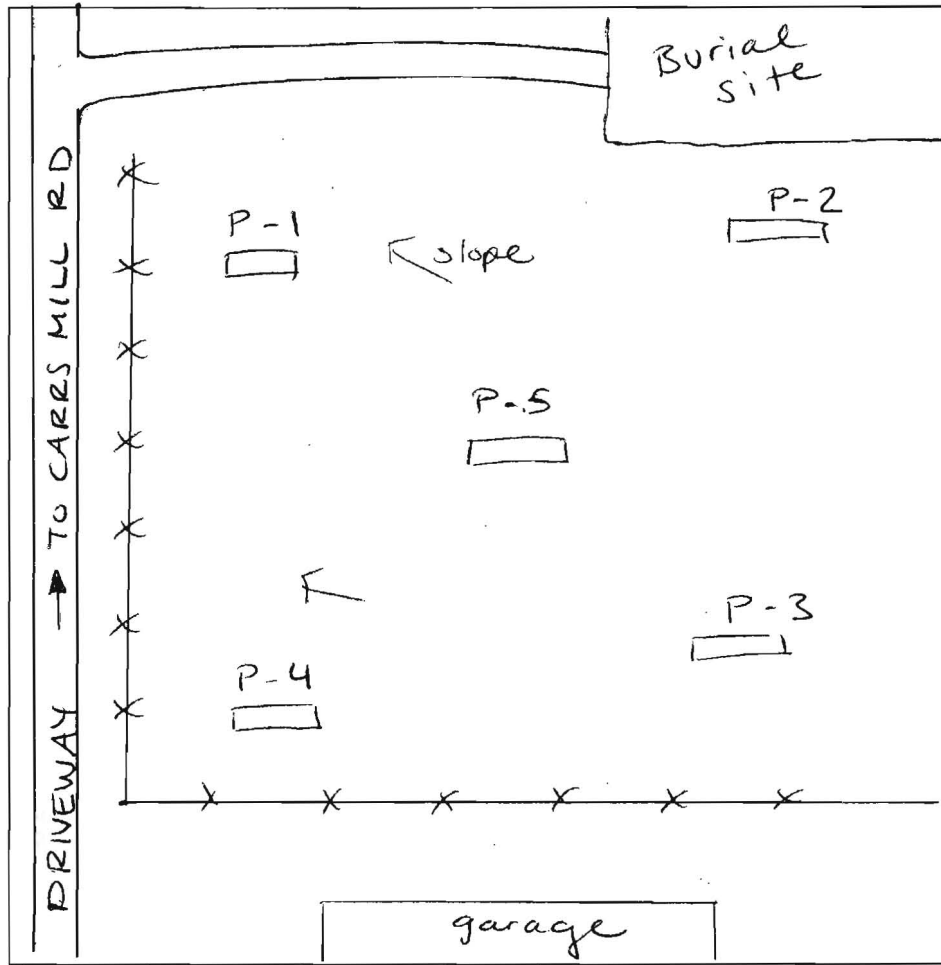
AS APPLICANT, I UNDERSTAND THE FOLLOWING: THE SYSTEM INSTALLED SUBSEQUENT TO THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC SEWERAGE IS AVAILABLE. THIS APPLICATION IS COMPLETE WHEN ALL APPLICABLE FEES AND A SUITABLE SITE PLAN HAVE BEEN RECEIVED. I ACCEPT THE RESPONSIBILITY FOR COMPLIANCE WITH ALL M.O.S.H.A.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

TEST RESULTS WILL BE MAILED TO APPLICANT.

Donald Maen
SIGNATURE OF APPLICANT

HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM
3525-H ELLICOTT MILLS DRIVE, ELLICOTT CITY, MARYLAND 21043-4544 (410) 313-1771 FAX (410) 313-2648
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

WP 529539



P-2
 dk brnl 11
 red brn dry scl (similar to others) 4.5
 red brn sil
 ↓
 brn fsl
 5% boulders 14'

P-1
 .8' brnl sbk
 4.5' org brn 3 csbk scl
 red brn scl few mica
 ↓
 pale brn sil/fsl 8'
 15% rx/flags 14.5'

P-4
 1' brnl
 red brn dry scl 30% coarse chert 2 csbk
 4.5' brn sil
 ↓
 micaceous sil/fsl pale brn fsl 20% rx

P-5
 1' brnl
 red brn dry scl 25% coarse chert 2 csbk
 3.5' red brn sil
 ↓
 few mica pale brnls 15% rx

P-3
 Same as P-5

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
9-8-08	P-4	7'/15'	10:32	10:35	10:41	6	P
	P-5	6'/15'	10:37	10:43	10:48	5	P
	P-3	5.5'/13'	10:45	10:48	10:56	8	P
	P-2	7.5'/14'	10:58	11:09	11:18	9	P
	P-1	7'/14.5'	10:55	11:08	11:22	14	P

REMARKS holes similar
 SANITARIAN HS BACKHOE Hatfields OTHERS Dave (Benchmark)
 TEST HOLES USED IN SDA 5 AVG. PERC TIME 8.4 SQ. FT/BR
 TRENCH WIDTH 2 INLET DEPTH 4 MAX. BOT DEPTH 8 EFFECTIVE SW 1'-1.5'



Bureau of Environmental Health
7178 Columbia Gateway Drive, Columbia, MD 21046-2147
(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

September 11th, 2008

Michael Salandra
3639 Broadleaf Ct.
Glenwood, MD 21738

Re: **Percolation Test Results - #A529539**
Colmont Property
14675 Carrs Mill Rd &
14830 Union Chapel Rd

Dear Applicant,

Percolation testing was conducted at the above referenced property on September 8th, 2008. Results indicate satisfactory soil conditions for onsite wastewater disposal and adequate septic reserve area to support the existing and proposed house. Soils described at each test location are deep, micaceous silty loams, having very similar physical properties and depth. Indication of a fluctuating water table was found in the two lowest test holes for the proposed house, due partly to the proximity of hydraulic soils. A total of 10 test holes were dug, all passed. Field data collected is shown on the Percolation Test Worksheets enclosed with this letter. Acceptable ranges for recommended inlet and trench bottom depth, and usable sidewall have been provided, and may be confirmed at the time of installation.

Further review of this project is contingent upon submission of a Percolation Certification Plan by a registered surveyor/engineer.

If you have any questions regarding this evaluation or need further assistance please contact me at (410) 313-6287.

Sincerely,

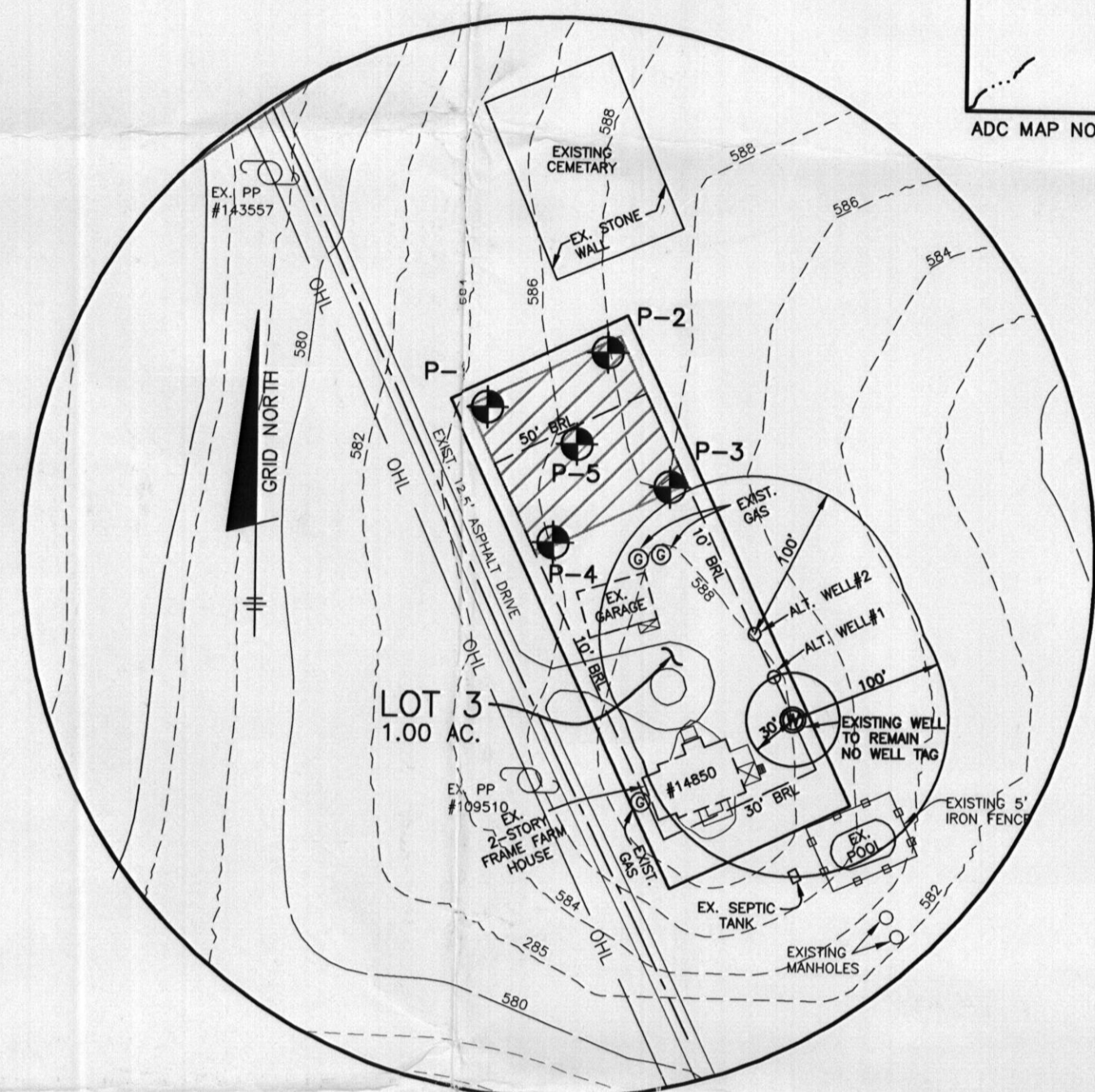
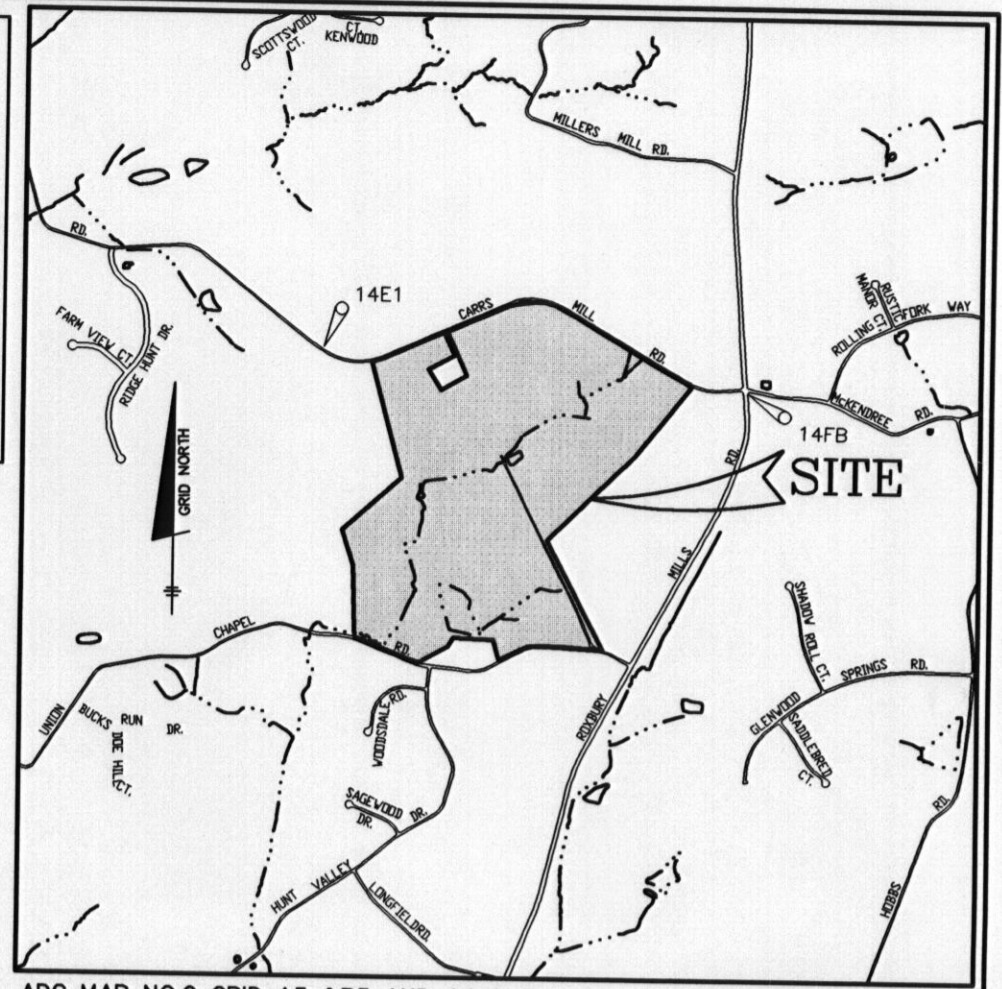
A handwritten signature in cursive script, appearing to read 'Heidi Scott', is written over a light-colored background.

Heidi Scott
Well & Septic Program
Development Coordination Section

HS
Enclosures
Cc:
David Thompson; Benchmark Engineering
File



BENCHMARK NAD'83 HORIZ.
 HO. CO. #14E1
 STAMPED BRASS DISK SET ON TOP OF
 CONCRETE BASE
 N 596213.62' E 1301991.89'
 ELEV. 590.335'
 CARRS MILL ROAD 1 MILE WEST OF ROUTE 97
 HO. CO. #14FB
 STAMPED BRASS DISK SET ON TOP OF
 CONCRETE BASE
 N 595657.262' E 1306552.16'
 ELEV. 619.858'
 CORNER OF ROUTE 97 AND MCKENDREE ROAD



VICINITY MAP
 SCALE: 1" = 2000'

- LEGEND**
- FIELD SURVEYED TOPOGRAPHY AUGUST, 2008
 - P-00 PASSED PERCOLATION TEST SEPTEMBER 8, 2008
 - FIELD LOCATED WELL
 - SOILS DELINEATION LINE
 - EgB SOILS TYPE

DETAIL VIEW
 SCALE: 1" = 100'

NOTES:

1. 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. RECORDATION OF A MODIFIED SEWERAGE EASEMENT PLAT SHALL NOT BE NECESSARY.
2. THE EXISTING WELLS (TAG NO. HO-94-4023) SHOWN ON THIS PLAN HAS BEEN FIELD LOCATED BY BENCHMARK ENGINEERING, INC. IN AUGUST, 2008 AND IS ACCURATELY SHOWN.
3. THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT.
4. ANY CHANGES TO THE PRIVATE SEWERAGE EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
5. THERE ARE NO EXISTING WELLS OR SEPTIC SYSTEMS WITHIN 100' OF THE PROPERTY'S BOUNDARIES EXCEPT THAT WHICH IS SHOWN.
6. EXACT LENGTH OF SEPTIC TRENCHES IS TO BE DETERMINED BY THE HEALTH DEPARTMENT AT THE TIME OF TRENCH LAYOUT AND INSPECTION.
7. THE 2' CONTOURS SHOWN IN THE AREA OF THE PROPOSED SEPTIC AREAS ARE BASED ON FIELD RUN TOPOGRAPHY BY BENCHMARK ENGINEERING INC. ON OR ABOUT JULY, 2008. THE SURROUNDING AREA TOPOGRAPHY IS BASED ON HOWARD COUNTY GIS WITH INTERPOLATED 2' CONTOURS.
8. THE EXISTING SEPTIC SYSTEM AND PIT WELL FOR THE FORMER TRAILER MUST BE PROPERLY ABANDONED AND DOCUMENTATION SENT TO THE HEALTH DEPARTMENT PRIOR TO BUILDING PERMIT APPROVAL.
9. EXISTING WELL (HO-73-3988) SHALL BE PROPERLY DISCONNECTED AND PROTECTED WHILE NOT IN USE IN ORDER TO PREVENT POTENTIAL CONTAMINATION.
10. EXISTING SEPTIC SYSTEM FOR THE EXISTING HOUSE ON PROPOSED LOT 3 MUST BE PROPERLY ABANDONED. A NEW SEPTIC SYSTEM MUST BE INSTALLED UTILIZING THE NEW SEWAGE DISPOSAL AREA ON LOT 3 SHOWN ON THIS PLAN.

SOILS LEGEND

MAP SYMBOL	SOIL GROUP
BaA	Baile silt loam, 0 to 3 percent slopes
GgA	Glenelg loam, 0 to 3 percent slopes
GgB	Glenelg loam, 3 to 8 percent slopes
GgC	Glenelg loam, 8 to 15 percent slopes
GhB	Glenelg-Urban land complex, 0 to 8 percent slopes
GmA	Glenville silt loam, 0 to 3 percent slopes
GmB	Glenville silt loam, 3 to 8 percent slopes
GhB	Glenville-Baile silt loams, 0 to 8 percent slopes
W	Water

HOWARD COUNTY, MARYLAND (MD027)
 NATURAL RESOURCES CONSERVATION SERVICES
 WEB SOIL SURVEY 2.0

- LEGEND**
- FIELD SURVEYED TOPOGRAPHY AUGUST, 2008
 - P-00 PASSED PERCOLATION TEST SEPTEMBER 8, 2008
 - FIELD LOCATED WELL
 - SOILS DELINEATION LINE
 - EgB SOILS TYPE
 - TREE LINE
 - PROPERTY BOUNDARY
 - CL. STREAM
 - EX. FENCE

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.

DAVID THOMPSON
 PLAN PREPARER

APPROVED FOR PRIVATE WATER AND SEWERAGE SYSTEM
 HOWARD COUNTY HEALTH DEPARTMENT

Barbara Peter Bideman 11/21/2008
 HOWARD 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
 WWW.BEI-CIVLENGINEERING.COM

OWNER/DEVELOPER

MICHAEL and LESLEY SALANDRA
 COLMONT LLC
 3639 BROADLEAF COURT
 GLENWOOD, MARYLAND 21738
 410-489-0188

COLMONT PROPERTY

LOCATION: TAX MAP: 14, GRID: 9
 PARCELS: 59
 ELECTION DISTRICT NO. 4
 HOWARD COUNTY, MARYLAND

PERCOLATION CERTIFICATION PLAN

DESIGN: DAM DRAFT: EDD/DBT CHECK: DAM SCALE: AS SHOWN SHEET 1 OF 1

PLAN VIEW
 SCALE: 1" = 200'