

APPLICATION

PERCOLATION TESTING

A 516084
P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2840

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. 81

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 BIRKROTH

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

MSRP HOLE #5

516084
COUNTY #

SOIL PROFILE
81E

0'
strong
brn
w/ rd
brn
hvy Lm
14'
Hybrn
tan
Fine
Sand
Rx Trace
Bottom 15'

81C

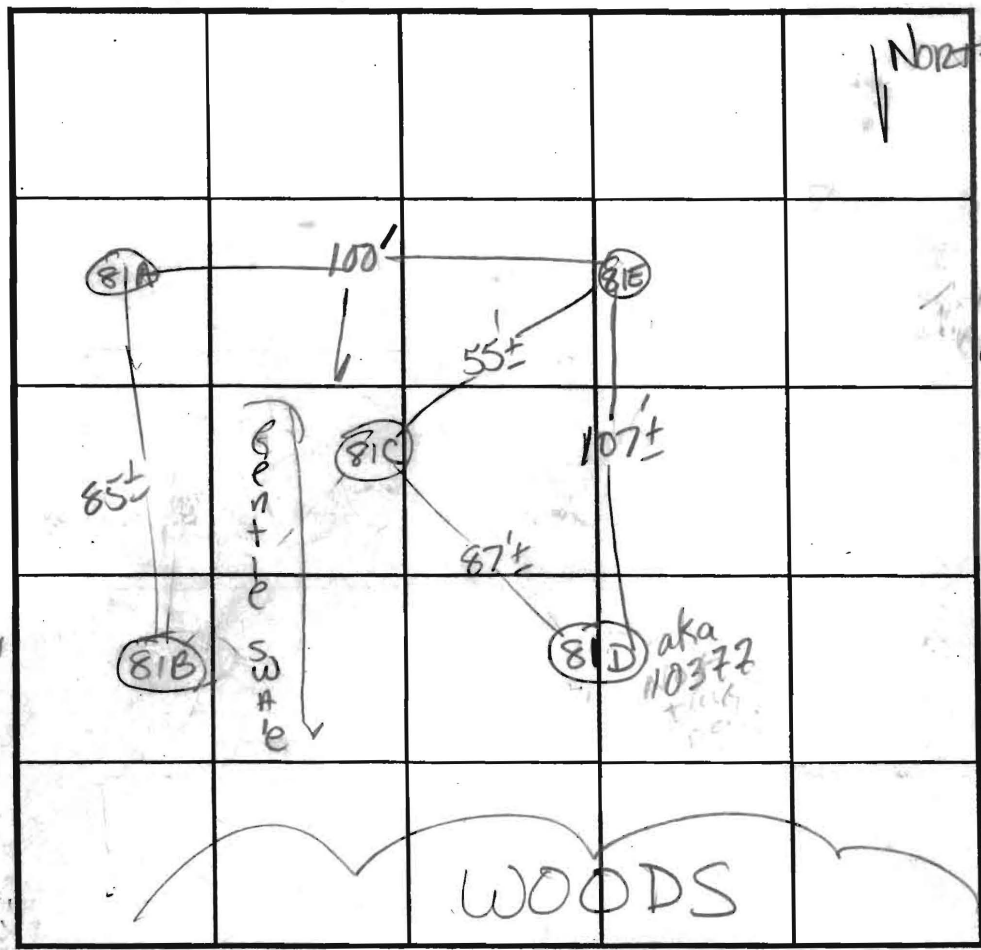
Trace Rx
Strong
org brn
hvy
Lm-clm
6'

tan
beige
compact
fine
sand
Trace Rx
Bottom 14'

81A

strong
org
Dense
hvy Lom-
CLM
Trace Rx
6'

org brn
2my
Sand
Trace
Lateral
m n on
V fr. sapulbe
Red
Bottom 15'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE
81B

0'
strong
org
brown
hvy Lm
CLM
Trace Rx
6 1/2' -
7'
beige
white
fine
sand
fr. sapulbe
5-10%
Bottom 15'

10377

Str. brn
hvy Lm
6'
Fine
sand
org brn
15' Bottom

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
6-20-02	81D	SEE # 10377 on Lot 82					OK?
	81E	4'5" / 15'	12:51:08	1:15	SLOW EST TIME AT 7 1/2		18min OK
	81C	7 1/2' / 14'	1:05	1:15		1:33	18min OK
	81A	6 1/2' / 15'	1:11:07	1:11:40		1:12:30	1min repair OK
	81B	6 1/2' / 15'	1:18:35	1:19:51		1:22:00	2min OK
	81B	7' / 15'	1:38:18	1:39:33		1:41:16	2min OK
	aka 10377	6' / 15' V	10:43:00	10:45:31		10:49	4min

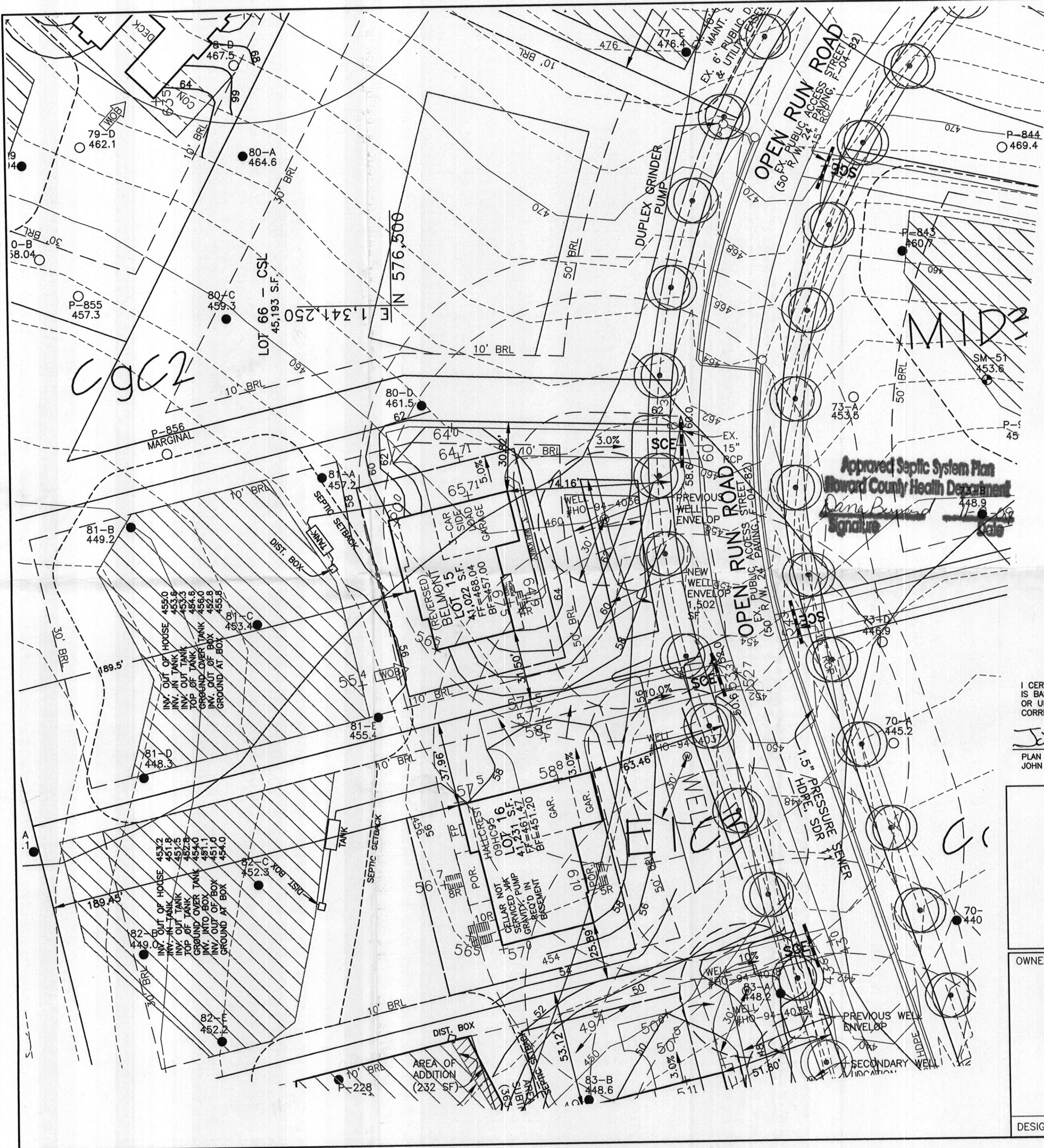
REMARKS 81D WAS the actual hole dug - shared hole with 82-C aka 10377

TYPE OF SOIL _____

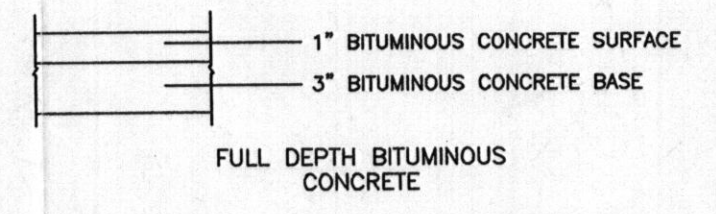
TESTED BY Race ALSO PRESENT Hatfields

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

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



- NOTES:**
1. THE LOT SHOWN HEREON WAS RECORDED ON THE PLAT FOR RIVERWOOD, PLAT No. 18037. 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.
 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-94-4036, 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 WELL ENVELOPE IN ORDER TO ALLOW THE THREE CAR GARAGE OPTION.
 13. ANY CHANGES TO A PRIVATE SEWERAGE EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
 14. STORMWATER MANAGEMENT FOR THIS LOT IS PROVIDED IN FACILITY #6, WET-ED POND, AS SHOWN ON THE FINAL ROAD CONSTRUCTION PLANS, F-04-82.



PAVING SECTION
NOT TO SCALE

LEGEND

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

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 10/26/09
PLAN PREPARER
JOHN M. CARNEY FOR BENCHMARK ENGINEERING, INC.

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

Michael J. Davis 10/23/09
COUNTY HEALTH OFFICER DATE

BENCHMARK ENGINEERING, INC.
ENGINEERS ▲ LAND SURVEYORS ▲ PLANNERS

8480 BALTIMORE NATIONAL PIKE ▲ SUITE 418
ELLCOTT CITY, MARYLAND 21043
PHONE: 410-465-6105 ▲ FAX: 410-465-6644
EMAIL: benchmark@ccis.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 15

LOCATION: 12044 OPEN RUN ROAD
ELLCOTT CITY, MD 21042
TAX MAP No. 29 - BLOCK Nos. 3, 4, 9 & 10 - PARCEL No. 20
3rd ELECTION DISTRICT, HOWARD COUNTY, MARYLAND

TITLE: **REVISED PERCOLATION CERTIFICATION PLAN**

HOUSE TYPE: **BELMONT**

DATE: **OCTOBER 26, 2009** PROJECT NO. **1950**

DESIGN: JMC DRAFT: JMC SCALE: 1" = 30' DRAWING **1** OF **1**

