



APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____

AVP 532542

AGENCY REVIEW: _____

DATE 3-8-10

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 10 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) TIMOTHY SOSINSKI

DAYTIME PHONE 410.730.2300 CELL _____ FAX _____

MAILING ADDRESS 11795 BRAGDON WOOD CLARKSVILLE MD 21029
STREET CITY/TOWN STATE ZIP

APPLICANT SIL, ADcock & ASSOCIATES, LLC

DAYTIME PHONE 443.325.7682 CELL 443.878.4314 FAX 443.325.7685

MAILING ADDRESS 2300 N. RIDGE ROAD #40 ELLCOTT CITY MD 21043
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME CHapel Woods 3, Lot 6, Parcels 282, 353 LOT NO. 4

PROPERTY ADDRESS 11795 BRAGDON WOOD 21029
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 29 GRID 13 PARCEL(S) 26, 66, 282, 353 PROPOSED LOT SIZE 3.0 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
1718 COLUMBIA GATEWAY DRIVE COLUMBIA, MARYLAND 21046 (410) 313-2640 FAX (410) 313-2648
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

(1042)

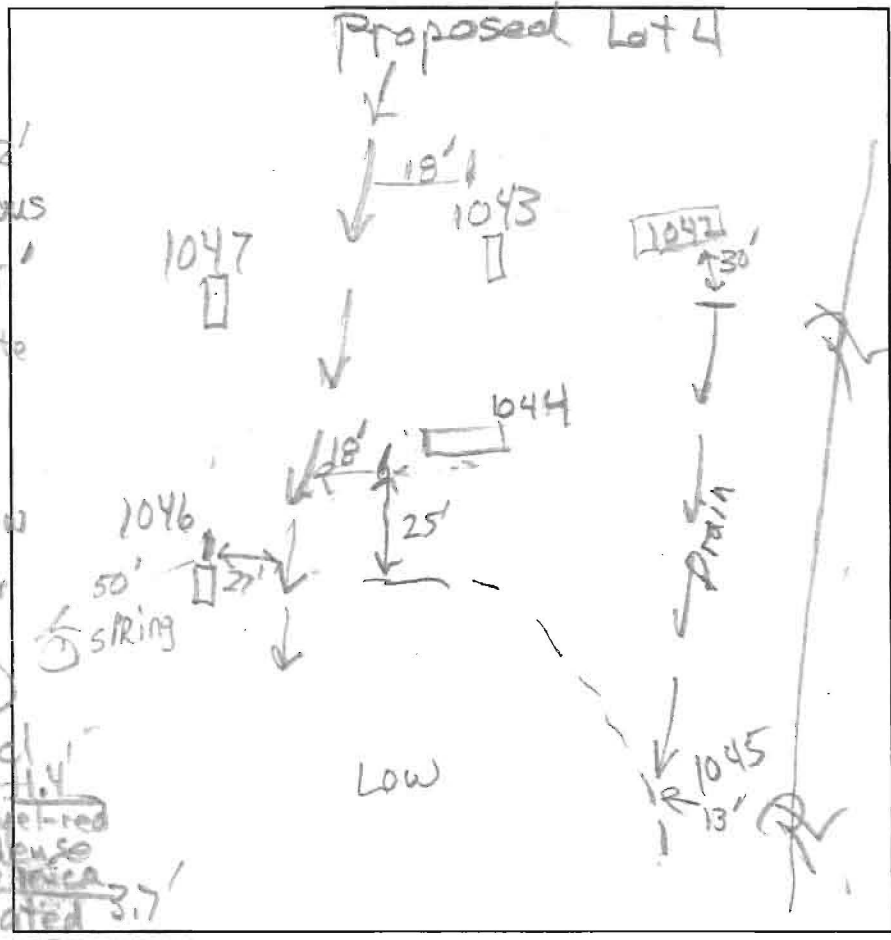
brn scl
 variegated sl micaceous
 saprolite
 6.5'
 yel-red
 dk grey & white
 micaceous
 Saprolite
 11'
 pel-brn
 & pale yellow
 loamy sand
 13'

(1047)

brn scl
 brn to yel-red
 grsl - micaceous
 - many mica
 variegated
 3.7'
 Saprolite
 8'
 yel-red,
 yellow w/ black
 & white
 13'
 pale brn
 white & grey
 red
 13'

(1046)

dk brn scl,
 2' f.sbk
 brn scl
 7' f.sbk
 2'
 yel brn s
 yel red grsl
 micaceous
 3.7'
 pale brn
 pale yellow
 lt. grey sl
 micaceous
 4.7'
 grey fsl
 w/ white silt
 micaceous
 2' d red, Mn stains



(1043)

brn scl
 few stones
 2' f.sbk
 13'
 yel red by sl
 few stones
 1' f.sbk
 3'
 variegated
 saprolite,
 micaceous
 5'
 10'
 lt. grey-brn
 & yellow sl
 micaceous
 12'

(1044)

brn scl
 10% gravel
 1.4'
 brn st sl
 7' f.sbk
 2.6'
 yel-red
 & brn bysl
 boulders, some
 w/ k. con
 w/ saprolite dense
 6'
 yel-red
 yellow sl
 micaceous
 10'

(1045)

12.5'
 yel-brn
 & yellow sl
 few stones
 14'
 moist
 water seeps
 at 13.6'

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
7/21/10	1043	5/12'	10:24	10:28	10:35	7	P
7/21/10	1044	6.3/12'	10:46	10:49	10:56	7	P
7/21/10	1042	4.3/13'	11:09	11:10:45	11:13	2.3	P
7/21/10	1047	4.4/12'	11:59	12:04	12:13	9	P
7/21/10	1046	4.7'	Visual	apparent water table similar elevation to Spring, 50 feet away			F

REMARKS #1045 Bad top, insufficient width, #1046 apparent W.T. at 4.7'

SANITARIAN RB BACKHOE Mike Johnson OTHERS Mike Johnson

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

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

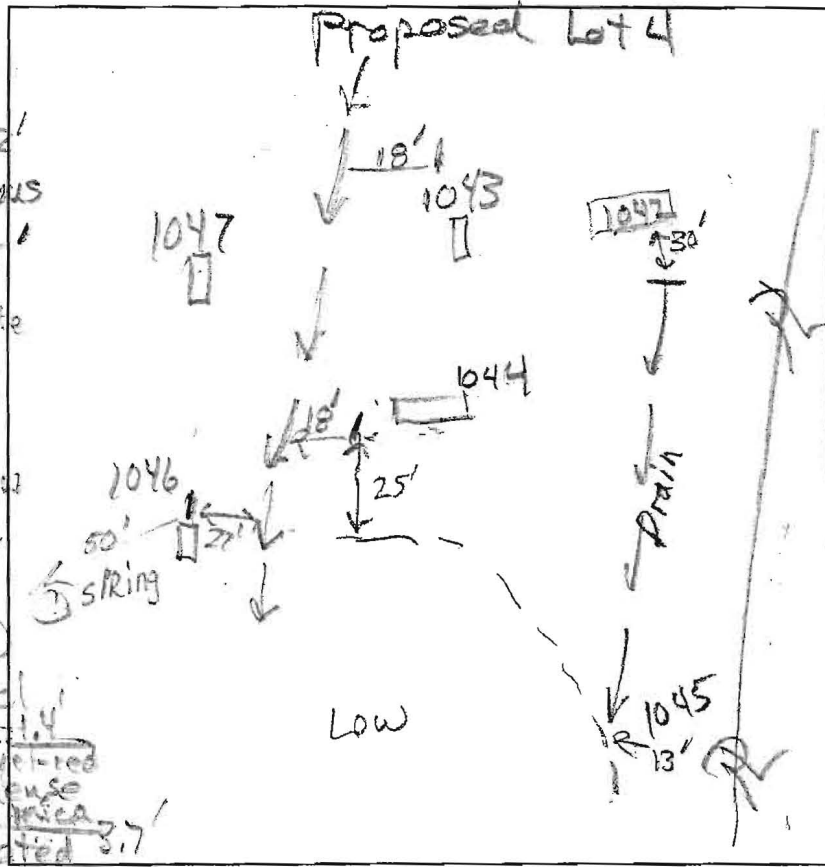
RECEIVED HEALTH DEPT.
 COUNTY HEALTH
 ENVIRONMENTAL HEALTH
 200 MR - 8 PM 4:52
 MOIST

yel-red loam
 w/ pale yellow
 Mn coatings
 - saturated

AVP

1042

brn scl
variegated
sl micaceous
saprrolite
12'
6.5'
yel-red
dk grey & white
micaceous
saprrolite
11'
pale-brn
& pale yellow
loamy sand
13'



1043

brn scl
few stains
2msbk
13'
yel red bryl
con stones
1msbk
3'
variegated
saprrolite
micaceous
5'
lt. grey-brn
& yellow sl
micaceous
10'
12'

1044

brn scl
10% gravel
1.4'
brn scl
+ sbk
2.8'
yel-red
brn bryl
boulders, some
w.k. con
w/ saprolite den
6'
yel-red
yellow sl
micaceous
10'

1045

1.4'
brn scl
10% gravel
2.8'
yel-red
brn bryl
boulders, some
w.k. con
w/ saprolite den
6'
yel-red
yellow sl
micaceous
10'
1.4'
pale brn
pale yellow
sl
14'
moist
water seep
at 13.6'

1047

brn scl
brn to yel-red
grd. dense
many mica
variegated
3.7'
sl
micaceous
saprrolite
1.4'
yel-red
pale bryl
pale yellow
sl
13'

1046

dk brn scl
2msbk
1'
brn scl
7msbk
2'
yel brn scl
yel red gss
micaceous
3.7'
pale brn
pale yellow
sl
lt. grey sl
micaceous
4.7'
grey sl
white silt
micaceous
2.2' red, Mn stains

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
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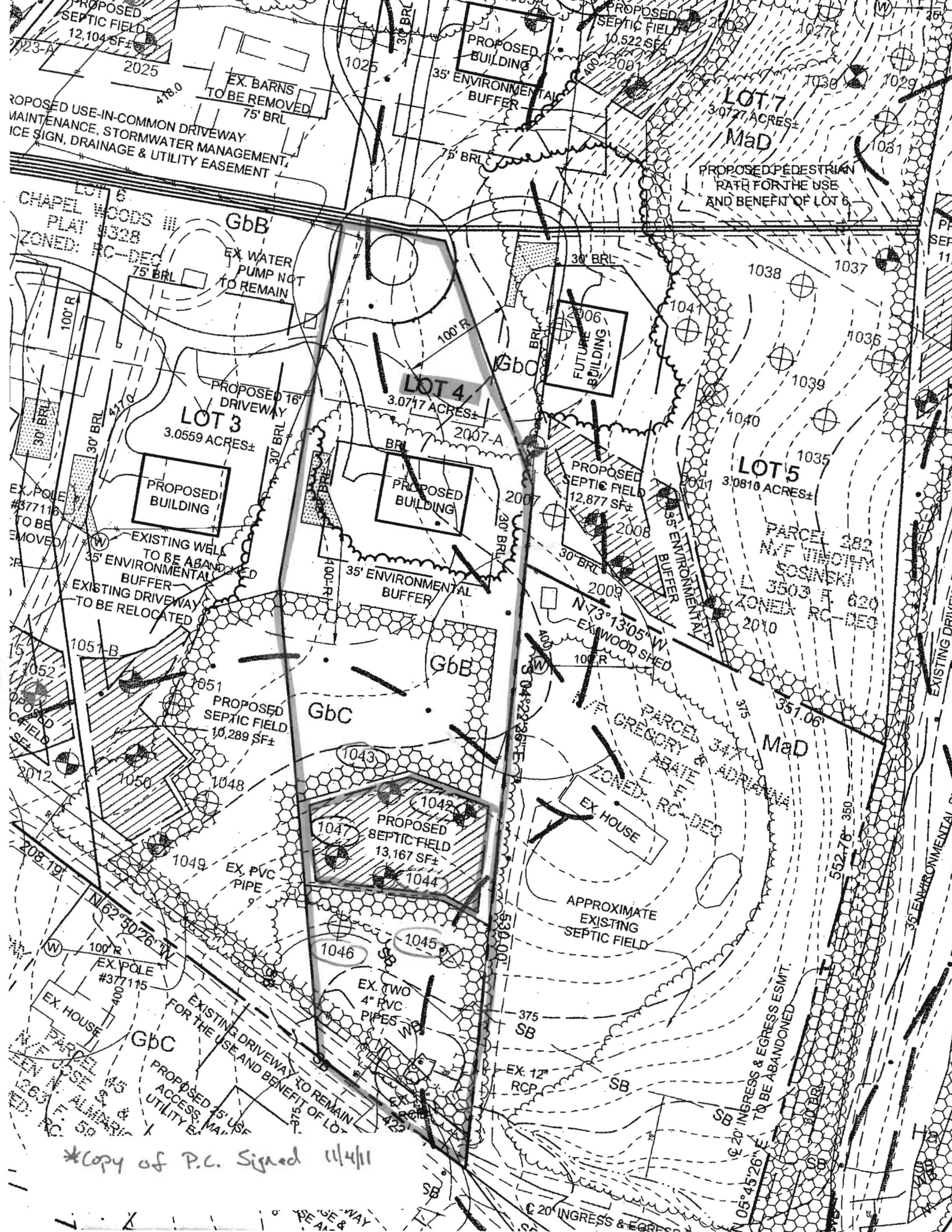
TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____

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

RECEIVED HEALTH DEPT. COUNTY HEALTH ENVIRONMENTAL HEALTH

2010 MR - 8 PM 4:52

1.4' - red loose
pale yellow
saprrolite



PROPOSED SEPTIC FIELD
12,104 SF±

EX. BARN
TO BE REMOVED
75' BRL

PROPOSED USE-IN-COMMON DRIVEWAY
MAINTENANCE, STORMWATER MANAGEMENT,
ICE SIGN, DRAINAGE & UTILITY EASEMENT

PROPOSED SEPTIC FIELD
10,522 SF±

PROPOSED BUILDING

35' ENVIRONMENTAL BUFFER

75' BRL

LOT 7
3.0727 ACRES±
MaD

PROPOSED PEDESTRIAN PATH FOR THE USE AND BENEFIT OF LOT 6

LOT 6
CHAPEL WOODS III
PLAY #328
ZONED: RC-DEC

EX. WATER PUMP NOT TO REMAIN

75' BRL

PROPOSED 18' DRIVEWAY

LOT 3
3.0559 ACRES±

PROPOSED BUILDING

LOT 4
3.0717 ACRES±

PROPOSED BUILDING

35' ENVIRONMENTAL BUFFER

FUTURE BUILDING

PROPOSED SEPTIC FIELD
12,877 SF±

LOT 5
3.0810 ACRES±

PARCEL 282
M/T VINCIPY
SOSINSKI
3503 F. 620
ZONED: RC-DEC

EXISTING WELL TO BE ABANDONED
35' ENVIRONMENTAL BUFFER

EXISTING DRIVEWAY TO BE RELOCATED

35' ENVIRONMENTAL BUFFER

EX. WOOD SHED

EX. HOUSE

PARCEL 347
GREGORY & ABRAHAM
ZONED: RC-DEC

MaD

PROPOSED SEPTIC FIELD
13,167 SF±

APPROXIMATE EXISTING SEPTIC FIELD

EX. PVC PIPE

EX. HOUSE

EX. POLE #377115

EXISTING DRIVEWAY TO REMAIN FOR THE USE AND BENEFIT OF LOT 3

PROPOSED 15' USE ACCESS, MAINT. UTILITY EASEMENT

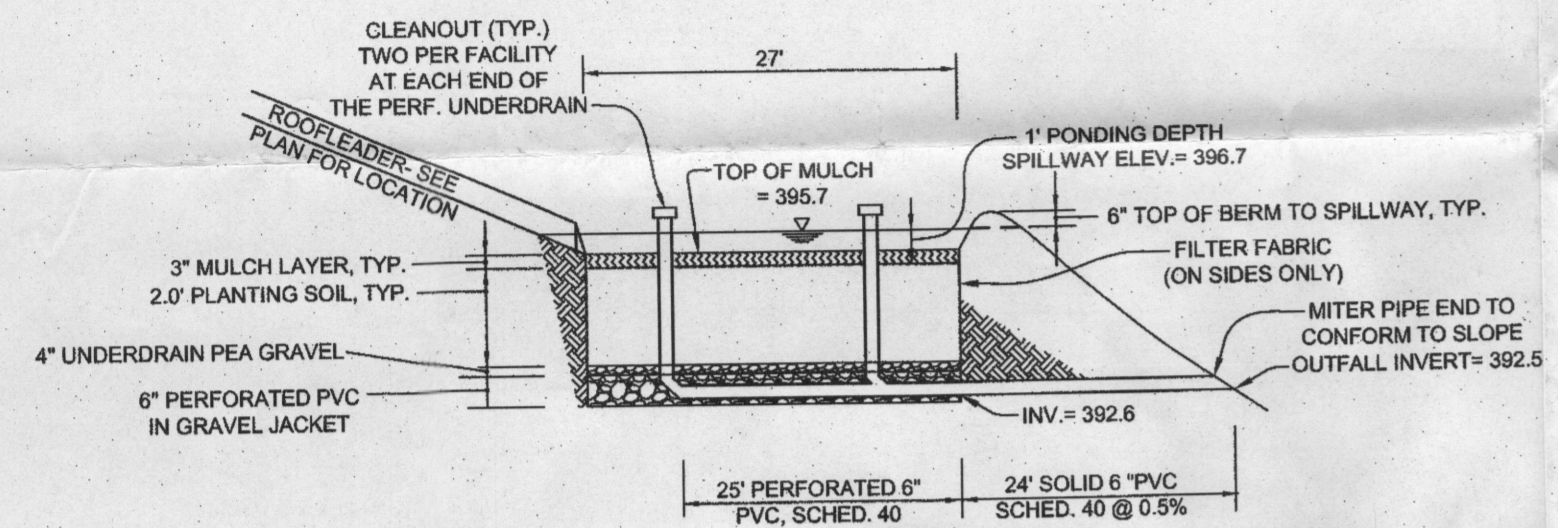
EX. TWO 4" PVC PIPES

EX. 12" RCP

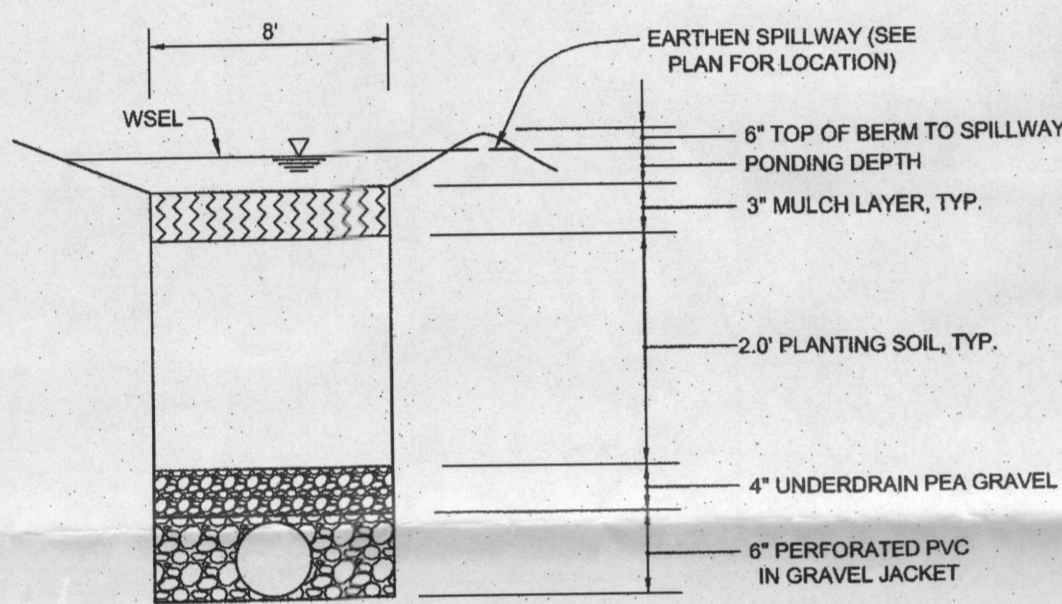
20' INGRESS & EGRESS ESMT. TO BE ABANDONED

*Copy of P.C. Signed 11/4/11

MATERIALS SPECIFICATIONS FOR MICRO-BIORETENTION FACILITIES			
MATERIAL PLANTINGS	SPECIFICATION SEE PLANT LIST THIS SHEET	SIZE	NOTES
PLANTING SOIL (2'-4" DEEP)	LOAMY SAND (60% - 65%) & COMPOST (35%-40%) OR SANDY LOAM (30%) COARSE SAND (30%) & COMPOST (40%)	N/A	USDA SOIL TYPES LOAMY SAND OR SANDY LOAM. CLAY CONTENT < 5%
ORGANIC CONTENT	MIN. 10% BY DRY WEIGHT (ASTM-D-2974)		AGED 6 MONTHS, MINIMUM; NO PINE OR WOOD CHIPS
MULCH	SHREDDED HARDWOOD		PEA GRAVEL: NO. 8 OR NO. 9 (1/8" TO 3/8")
PEA GRAVEL DIAPHRAGM AND CURTAIN DRAIN, IF REQUIRED	ORNAMENTAL STONE: WASHED COBBLES	STONE: 2" TO 5"	PE TYPE 1 NONWOVEN
GEOTEXTILE	N/A		
UNDERDRAIN GRAVEL	AASHTO M-43	NO. 57 OR NO. 6 AGGREGATE (3/8" TO 3/4")	
UNDERDRAIN PIPING	F 758, TYPE P8 28 OR AASHTO M-278	4" TO 6" RIGID SCHEDULE 40 PVC OR SDR35	SLOTTED OR PERFORATED PIPE, 3/8" PERF. @ 6" ON CENTER, 4 HOLES PER ROW; MINIMUM OF 3" OF GRAVEL OVER PIPES; NOT NECESSARY UNDERNEATH PIPES. PERFORATED PIPE SHALL BE WRAPPED WITH 1/4" GALVANIZED HARDWARE CLOTH.



MICRO-BIORETENTION FACILITY TYPICAL PROFILE NOT TO SCALE



MICRO-BIORETENTION FACILITY TYPICAL SECTION NOT TO SCALE

NOTES:
• FOR ADDITIONAL INFORMATION, SEE THE 2000 MARYLAND STORMWATER DESIGN MANUAL, VOLUMES I AND II

BIORETENTION PLANT LIST						
LEGEND	BOTANICAL NAME	COMMON NAME	SPACING	SIZE	REMARKS	QTY
	EUPATORIUM FISTULOSUM	JOE-PYE WEED	AS SHOWN* (MIN. 4' O.C.)	1 QT./12" HT.	CONT.	6
	MONARDA DIDYMA	BEEBALM	AS SHOWN* (MIN. 3' O.C.)	1 QT.	CONT.	3
	RUDEBECKIA LACINIATA	TALL CONEFLOWER	AS SHOWN* (MIN. 3' O.C.)	1 QT.	CONT.	3

NOTE: PLANT MATERIAL MUST COVER 50% OF THE MULCH AREA AT MATURE GROWTH. INTERSPERSE PLANTINGS THROUGHOUT BIORETENTION FILTER AREA

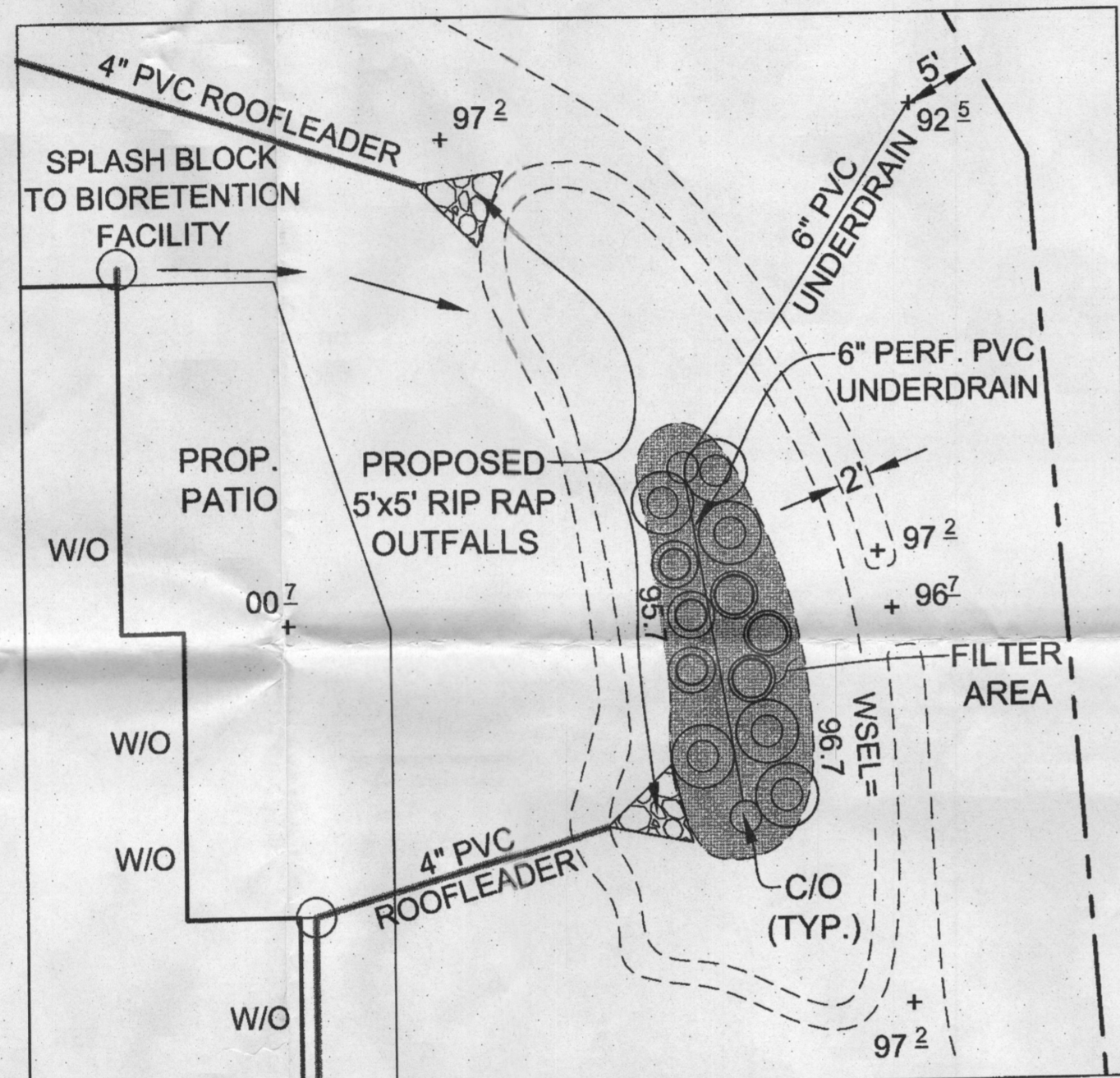
OPERATION AND MAINTENANCE SCHEDULE FOR MICRO-BIORETENTION (M-6)

- THE OWNER SHALL MAINTAIN THE PLANT MATERIAL, MULCH LAYER AND SOIL LAYER ANNUALLY. MAINTENANCE OF MULCH AND SOIL IS LIMITED TO CORRECTING AREAS OF EROSION OR WASH OUT. ANY MULCH REPLACEMENT SHALL BE DONE IN THE SPRING. PLANT MATERIAL SHALL BE CHECKED FOR DISEASE AND INSECT INFESTATION AND MAINTENANCE WILL ADDRESS DEAD MATERIAL AND PRUNING. ACCEPTABLE REPLACEMENT PLANT MATERIAL IS LIMITED TO THE FOLLOWING: 2000 MARYLAND STORMWATER DESIGN MANUAL, VOLUME II, TABLE A.4.1 AND 2.
- THE OWNER SHALL PERFORM A PLANT INSPECTION IN THE SPRING AND IN THE FALL OF EACH YEAR. DURING THE INSPECTION, THE OWNER SHALL REMOVE DEAD OR DISEASED VEGETATION CONSIDERED BEYOND TREATMENT, REPLACE DEAD PLANT MATERIAL WITH ACCEPTABLE REPLACEMENT PLANT MATERIAL, TREAT DISEASED TREES AND SHRUBS, AND REPLACE ALL DEFICIENT STAKES AND WIRES. THE OWNER SHALL INSPECT THE MULCH EACH SPRING. THE MULCH SHALL BE REPLACED EVERY TWO TO THREE YEARS. THE PREVIOUS MULCH LAYER SHALL BE REMOVED BEFORE THE NEW LAYER IS APPLIED.
- THE OWNER SHALL CORRECT SOIL EROSION ON AN AS NEEDED BASIS, WITH A MINIMUM OF ONCE PER MONTH AND AFTER EACH HEAVY STORM.

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWER SYSTEMS IN ACCORDANCE WITH THE MASTER PLAN OF HOWARD COUNTY

Richard M. ...
COUNTY HEALTH OFFICER
HOWARD COUNTY HEALTH DEPARTMENT
DATE: 2/3/2014
DATE: 2/2/14

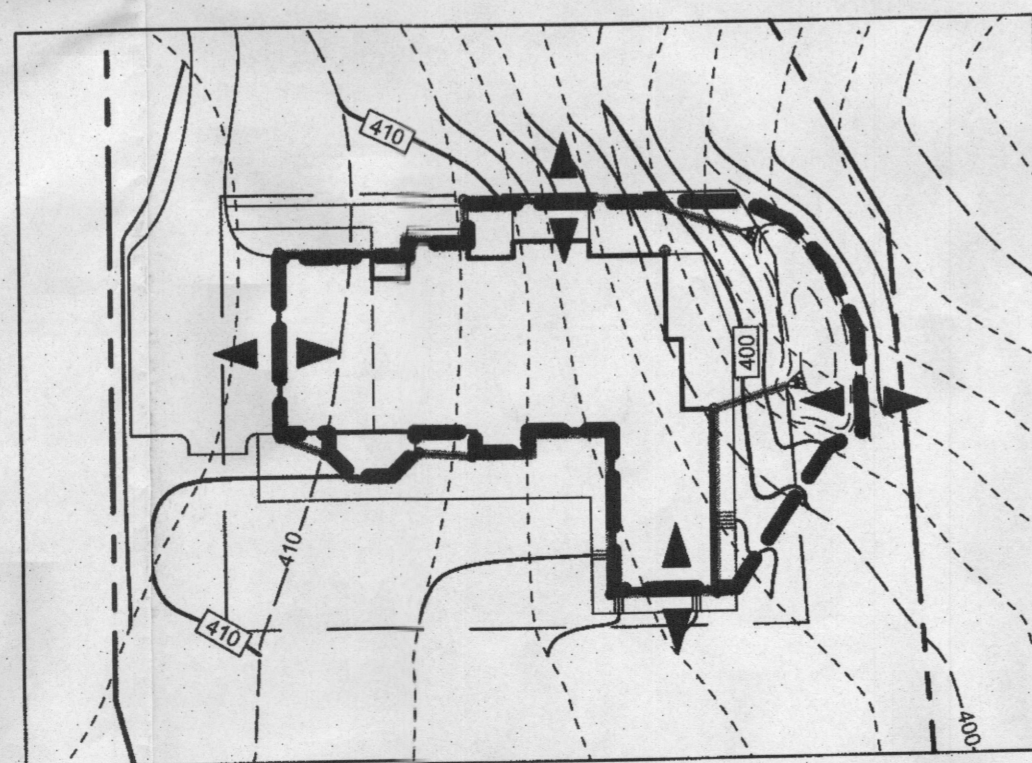
TO CHAPEL ESTATES DRIVE



BIORETENTION PLAN SCALE: 1"=10'

NOTE: ALL ROOFTOP DRAINAGE MUST BE CONVEYED TO THE BIORETENTION FACILITY.

STORMWATER MANAGEMENT PRACTICES		
LOT #	ADDRESS	MICRO-BIORETENTION M-6 (NUMBER)
4	11560 CHAPEL RISE	1



DRAINAGE AREA MAP SCALE: 1"=50'



PLAN VIEW SCALE: 1"=50'

SOILS LEGEND			
SYMBOL	NAME / DESCRIPTION	GROUP	% FACTOR
Gbb	GLADSTONE LOAM, 3 TO 8 PERCENT SLOPES	B	0.20
Gbc	GLADSTONE LOAM, 8 TO 15 PERCENT SLOPES	B	0.20

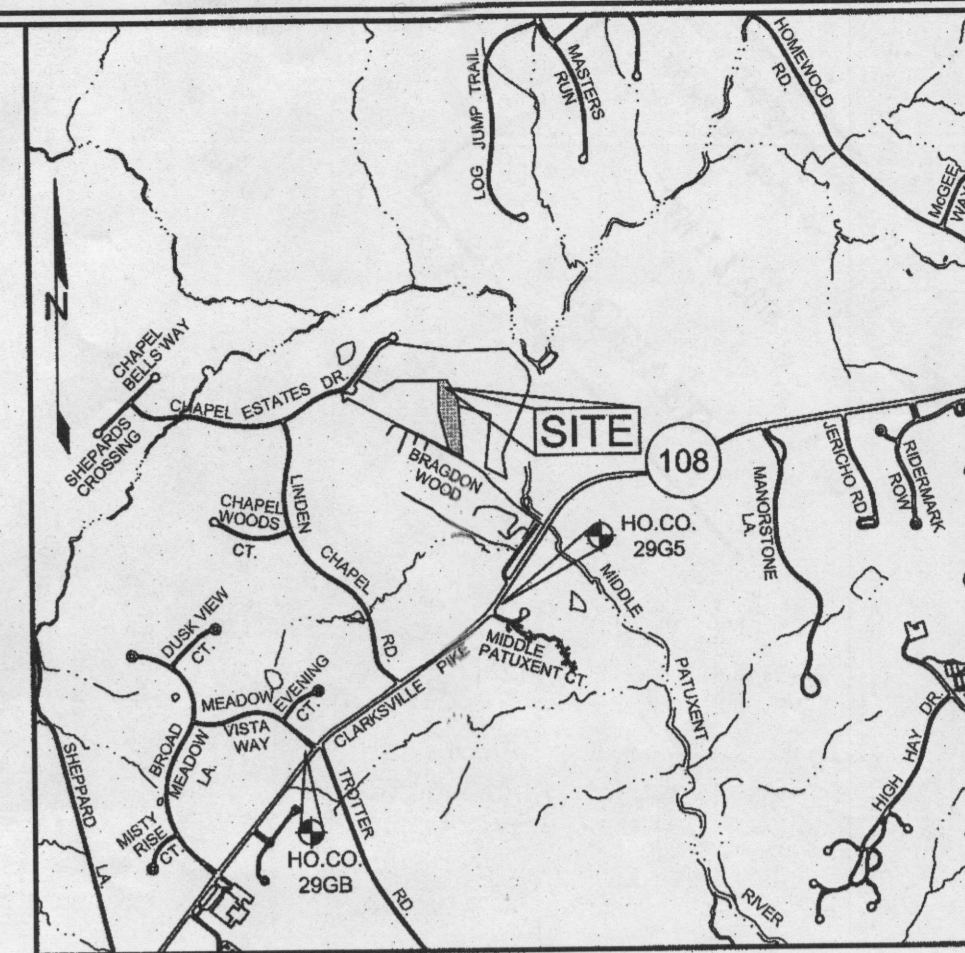
OWNER

MICAH HART
2529 CHESTNUT HILL DRIVE
ELLICOTT CITY, MARYLAND 21043
(410) 455-6437

STANDARD STABILIZATION NOTE
FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION MUST BE COMPLETED WITHIN:
a. THREE (3) CALENDAR DAYS AS TO THE SURFACE OF ALL PERIMETER DITCHES, SWALES, DITCHES, PERIMETER SLOPES AND ALL SLOPES STEEPER THAN 3 HORIZONTAL TO 1 VERTICAL (3:1), AND
b. SEVEN (7) CALENDAR DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE NOT UNDER ACTIVE GRADING.
DURING GRADING AND AFTER EACH RAINFALL, CONTRACTOR WILL INSPECT AND PROVIDE NECESSARY MAINTENANCE TO THE SEDIMENT CONTROL MEASURES ON THIS PLAN.

LEGEND

- EXISTING CONTOUR
- PROPOSED CONTOUR
- PROPOSED SPOT ELEVATION
- DIRECTION OF FLOW
- EXISTING TREELINE
- EXISTING TREE
- SOIL BOUNDARY
- WETLANDS
- WETLAND BUFFER
- STREAM
- STREAM BUFFER
- EXISTING FOREST CONSERVATION EASEMENT WITH TREE CONSERVATION SIGNS & TREE PROTECTION FENCE PER F-12-041
- EXISTING PERCOLATION TEST HOLE, PASSED
- EXISTING PERCOLATION TEST HOLE, FAILED
- STABILIZED CONSTRUCTION ENTRANCE
- SILT FENCE
- SUPER SILT FENCE
- LIMIT OF DISTURBANCE
- PROPOSED ROOF LEADER (4" PVC TYP. WITH DOWNSPOUT)
- PROPOSED BIORETENTION FACILITY
- NON-ROOFTOP DISCONNECT
- PROPOSED DRAINAGE DIVIDE
- EX. WELL AREA TO BE ABANDONED
- PROP. BOLLARDS



VICINITY MAP SCALE: 1"=2000'

BENCHMARKS

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
29GB	566,826.1	1,333,295.9	456.00	SW CORNER OF MEADOW VISTA ROAD AND TROTTER ROAD, 22.2' FROM CULVERT END
29GS	568,341.2	1,335,392.5	387.40	SE SIDE OF ROUTE 108, 142' FROM MIDDLE PATUXENT RIVER, 80' FROM PAVING EDGE

GENERAL NOTES

- SUBJECT PROPERTY ZONED RC-DEO PER 02/02/04 COMPREHENSIVE ZONING PLAN.
- TOTAL AREA OF LOT = 3,0717 AC.
- PRIVATE WATER AND PRIVATE SEWER WILL BE USED WITHIN THIS SITE.
- THIS AREA DESIGNATES A PRIVATE SEWER EASEMENT, OF AT LEAST 10,000 SF AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL (COMAR 26.04.03). IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THESE EASEMENTS 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 SEWER EASEMENT. RECORDATION OF A MODIFIED SEWER EASEMENT SHALL NOT BE NECESSARY.
- ALL EXISTING WELLS, SEPTIC SYSTEMS AND SEWAGE DISPOSAL EASEMENTS WITHIN 100 FEET OF THE PROPERTY BOUNDARIES AND ALL EXISTING AND PROPOSED WELLS THAT ARE LOCATED WITHIN 200 FEET DOWN GRADIENT OF EXISTING OR PROPOSED SEPTIC SYSTEMS AND SEWAGE DISPOSAL EASEMENTS HAVE BEEN FIELD LOCATED.
- THE EXISTING WELL SHOWN ON THIS PLAN (#95-2219) HAS BEEN FIELD LOCATED AND IS ACCURATELY SHOWN.
- MARYLAND DEPARTMENT OF THE ENVIRONMENT HAS APPROVED A VARIANCE TO ALLOW THE SEWER DISPOSAL SYSTEM LOCATED ON THIS LOT TO BE LOCATED UPGRADIENT FROM THE PRIVATE WATER SUPPLY ON LOT 1 AND NEIGHBORING PARCELS 30, 31, 37, 45 & 47. THIS IS SUBJECT TO THE FOLLOWING CONDITIONS: AN ADVANCED PRE-TREATMENT SYSTEM, WHICH UTILIZES BEST AVAILABLE TECHNOLOGY TO PERFORM NITROGEN REDUCTION, MUST BE INSTALLED ON THE SEWER DISPOSAL SYSTEM AND A LOW PRESSURE DOSING SYSTEM WILL BE REQUIRED, AS SHOWN.
- THE BOUNDARY SHOWN HEREON IS BASED ON A FIELD RUN BOUNDARY SURVEY PREPARED BY SILL, ADCOCK & ASSOCIATES, LLC IN APRIL 2011.
- THE TOPOGRAPHY SHOWN HEREON HAS BEEN FIELD RUN BY SILL, ADCOCK & ASSOCIATES, LLC IN APRIL, 2011 AND SUPPLEMENTED WITH GRADING FROM F-95-065, F-12-041 AND GP-13-006. THE EXISTING TOPOGRAPHY SHOWN OUTSIDE THE SITE IS BASED ON HOWARD COUNTY AERIAL TOPOGRAPHY FROM 1983.
- THE WETLAND AND STREAM LIMITS SHOWN ARE BASED ON A STUDY PREPARED BY SILL, ADCOCK & ASSOCIATES, LLC IN JULY 2011.
- THE SOILS SHOWN HAVE BEEN TAKEN FROM THE NRCS WEB SOIL SURVEY WEBSITE.
- THE COORDINATES SHOWN HEREON ARE BASED UPON THE HOWARD COUNTY GEODETIC CONTROL, WHICH IS BASED ON THE MARYLAND STATE PLANE COORDINATE SYSTEM. HOWARD COUNTY MONUMENTS, NUMBERS 29GS AND 29GB, WERE USED FOR THIS PROJECT.
- THERE ARE NO HISTORIC STRUCTURES OR CEMETERIES WITHIN THE PROJECT BOUNDARY.
- THE CONTRACTOR SHALL NOTIFY MISS UTILITY AT 1-800-257-7777 AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION WORK BEING DONE.
- ANY DAMAGE TO PUBLIC RIGHT-OF-WAYS, PAVING OR EXISTING UTILITIES WILL BE CORRECTED AT THE CONTRACTOR'S EXPENSE.
- THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
- ALL DITCHES AND SWALES WILL HAVE SOIL STABILIZATION MATTING UNLESS SOD IS BEING UTILIZED.
- NO GRADING, REMOVAL OF VEGETATIVE COVER OR TREES, PAVING AND NEW STRUCTURES SHALL BE PERMITTED WITHIN THE LIMITS OF WETLANDS, STREAMS, OR THEIR REQUIRED BUFFERS, FLOODPLAIN AND FOREST CONSERVATION EASEMENT AREAS, UNLESS WAIVERS HAVE BEEN APPROVED.
- THE PROPOSED CULVERT HAS BEEN DESIGNED UNDER F-12-041. SEE FINAL STORMWATER MANAGEMENT COMPUTATIONS PAGES 55-60.
- STORMWATER MANAGEMENT OBLIGATIONS FOR THIS LOT HAVE BEEN MET BY NON ROOFTOP DISCONNECTS AND MICRO BIORETENTION FACILITY. STORMWATER MANAGEMENT OBLIGATIONS FOR CHAPEL RISE HAVE BEEN APPROVED UNDER F-12-041. SEE THE FINAL STORMWATER MANAGEMENT REPORT FOR ADDITIONAL INFORMATION.
- LIMIT OF DISTURBANCE = 29,996 SQ. FT.
- BOLLARDS ARE TO BE PLACED BETWEEN THE EXISTING WELL AND THE PROPOSED DRIVEWAY BEFORE HEALTH DEPARTMENT APPROVAL OF THE BUILDING PERMIT.
- THE PURPOSE OF THIS AMENDED PERCOLATION CERTIFICATION PLAN IS TO ABANDON THE EXISTING WELL AREA AND SHOW TWO ALTERNATE WELL LOCATIONS.

SHEET INDEX

SHEET NO.	DESCRIPTION
1	PLOT PLAN & REVISED PERCOLATION CERTIFICATION
2	SITE PLAN FOR BAT INSTALLATION

PLOT PLAN & REVISED PERCOLATION CERTIFICATION

CHAPEL RISE
SIGNED: [Signature]
DATE: 2/3/2014
ONLY COPY LOT 4
11560 CHAPEL RISE
TAX MAP 29 GRID 8
5TH ELECTION DISTRICT
SINGLE FAMILY DETACHED
TAX ACCOUNT # 594205
PARCEL 26
HOWARD COUNTY, MARYLAND

Sill · Adcock & Associates · LLC
Engineers · Surveyors · Planners
3300 North Ridge Road, Suite 160
Ellicott City, Maryland 21043
Phone: 443.325.7682 Fax: 443.325.7685
Email: info@silladcock.com

DESIGN BY: PS
DRAWN BY: BK
CHECKED BY: PS
SCALE: AS SHOWN
DATE: JANUARY 17, 2014
PROJECT #: 13-082
SHEET #: 1 of 2

PROFESSIONAL CERTIFICATION: I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 30225, EXPIRATION DATE: JUNE 20, 2015