RECEIPT DATE: 12/11/12

P 544426

INSTALLATION APPROVAL DATE: _____

PERMIT

A _____

ON-SITE SEWAGE DISPOSAL SYSTEM
HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH

PROPERTY OWNER: Dorsey Family Homes

OWNER'S ADDRESS: 10717-B Birmingham Way, Woodstock, MD 21163 PHONE: 410-465-5739

ADDRESS: 12133 Old Frederick Road TAX ACC'T #: _____

SUBDIVISION: Shipley's Choice LOT: 2

SEPTIC TANK CAPACITY (GALLONS): TBD

PUMP CHAMBER CAPACITY (GALLONS): TBD

NUMBER OF BEDROOMS: TBD APPLICATION RATE: TBD

SQUARE FOOTAGE OF HOUSE: TBD

LINEAR FEET OF TRENCH REQUIRED: TBD

TRENCHES:	TO BE DETERMINED ON APPROVED SUPPLEMENTAL PLAN
LOCATION:	TO BE DETERMINED ON APPROVED SUPPLEMENTAL PLAN
NOTES:	A SUPPLEMENTAL PLAN PROVIDING SYSTEM DETAILS IS REQUIRED PRIOR TO HEALTH APPROVAL OF BUILDING PERMIT, PLOT PLAN, AND WALL CHECK. AN APPROVED WALL CHECK IS REQUIRED PRIOR TO PRE-CONSTRUCTION INSPECTION. THE OSDS PERMITTED HEREIN IS NOT SUBJECT TO REVISIONS TO COMAR 26.04.02 EFFECTIVE 1/1/2013 ON THE CONDITION THAT FINAL HEALTH APPROVAL OF THE INSTALLATION IS GRANTED PRIOR TO PERMIT EXPIRATION.

ISSUED BY: JEFF WILLIAMS ISSUE DATE: 12/11/12 EXPIRATION DATE: 12/11/13

NOTE: CONTRACTOR RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION PRIOR TO BEGINNING ANY INSTALLATION
NOTE: WATERTIGHT SEPTIC TANKS REQUIRED
NOTE: ALL PARTS OF SEPTIC SYSTMEM SHALL BE 100 FEET FROM ANY WATER WELL
NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS
NOTE: AN ELECTRICAL PERMIT IS REQUIRED FOR INSTALLATION OF ANY ELECTRICAL COMPONANTS OF THE SYSTEM

NEITHER THE HOWARD COUNTY COUNCIL OR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM. PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT. CALL 410-313-1771 FOR INSPECTION OF SEPTIC SYSTEM.

12/5/2012 JW

Howard County Health Department

Bureau of Environmental Health
7178 Gateway Drive Columbia, MD 21046
(410) 313-2640 Fax (410) 313-2648
TDD (410) 313-2323 Toll Free 1-866-313-6300
website: www.hchealth.org

Maura J. Rossman, M.D., Health Officer

RECEIPT DATE: 12/11/12

ONSITE SEWAGE DISPOSAL SYSTEM

P 544426-B

INSTALLATION APPROVAL DATE: 12/20/2013

PERMIT

CONSTRUCTION

A

PROPERTY ADDRESS: **12133 Old Frederick Road**

SUBDIVISION: **Shipley's Choice** LOT: **2** TAX ID:

CONTRACTOR: EMAIL:

CONTRACTOR ADDRESS: PHONE:

PROPERTY OWNER: **Dorsey Family Homes** EMAIL:

OWNER ADDRESS: **10717-B Birmingham Way, Woodstock, MD 21163** PHONE: **410-465-5739**

SEPTIC TANK SIZE (GALLONS): **2000**

PUMP CHAMBER CAPACITY (GALLONS): PUMP SIZE:

NUMBER OF BEDROOMS: **4** HOUSE SQ. FT. **>3500** APPLICATION RATE: **0.8**

DISTRIBUTION SYSTEM: GRAVITY FED ☒ LOW PRESSURE DOSED ☐

TRENCHES:	LINEAR FEET REQUIRED: ~~208~~ 110'	INLET DEPTH: ~~4~~ 5
	TRENCH WIDTH: 3	MAXIMUM BOTTOM DEPTH: ~~8~~ 8.5
	MINIMUM SPACE BETWEEN TRENCHES: 9	EFFECTIVE AREA BEGINNING DEPTH: ~~3~~ 5'
LOCATION:	**PER APPROVED SITE PLAN. SEWAGE DISPOSAL AREA MUST BE STAKED BY LICENSED SURVEYOR PRIOR TO PRE-CONSTRUCTION INSPECTION.**	
NOTES:	Install septic tank per plan. Set distribution box per plan. Install equal length trenches on contour. Ejector pump required for basement service.	

ISSUED BY: **Heidi Scott** ISSUE DATE: EXPIRATION DATE: **12/11/13**

NOTE: CONTRACTOR MUST SCHEDULE A PRE-CONSTRUCTION INSPECTION PRIOR TO BEGINNING ANY INSTALLATION

NOTE: CONTRACTOR MUST SCHEDULE AN INSPECTION AND GAIN APPROVAL OF ALL COMPONENTS PRIOR TO COVERING

NOTE: STONE MUST BE APPROVED BY HEALTH DEPARTMENT AND GRAVEL TICKET MUST BE AVAILABLE FOR REVIEW.

NOTE: WATERTIGHT SEPTIC TANKS REQUIRED

NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE AT LEAST 100 FEET DOWNGRADIENT FROM ANY WATER WELL

NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS

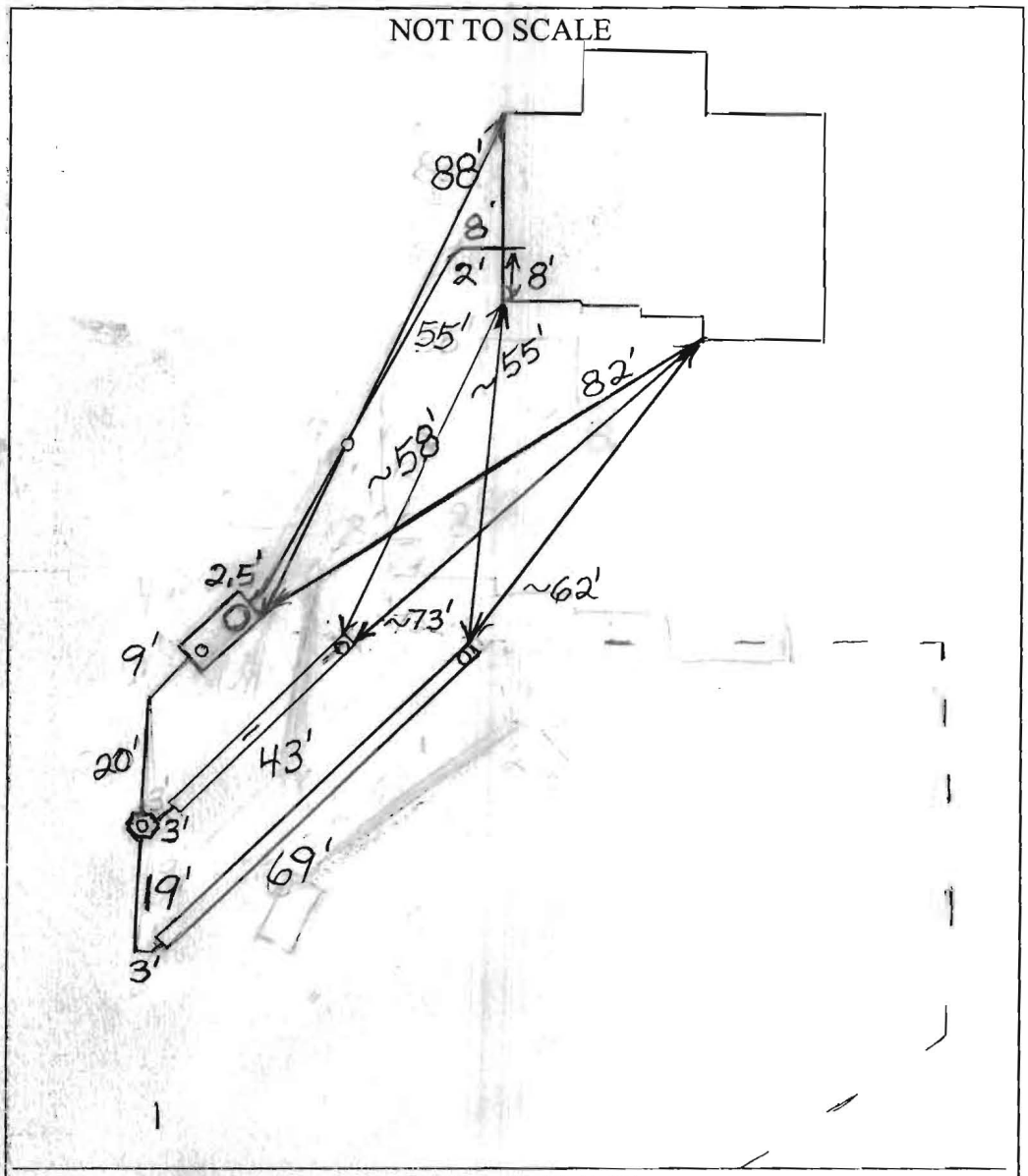
NOTE: AN ELECTRICAL PERMIT IS REQUIRED FOR INSTALLATION OF ANY ELECTRICAL COMPONENTS OF THE SYSTEM

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM.

PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT.

CALL 410-313-1771 TO SCHEDULE INSPECTIONS.

NOT TO SCALE



ROAD NAME

TRENCH/DRAINFIELD DATA

WIDTH	INLET	BOTTOM
3'	4.5'	8.5'

NUMBER OF TRENCHES 2

TOTAL LENGTH 112'

ABSORPTION AREA 336+Sidewall

DISTRIBUTION BOX LEVEL Levelers

DISTRIBUTION BOX BAFFLE Yes

DISTRIBUTION BOX PORT Yes

SEPTIC TANK DATA

SEPTIC TANK 1 LEVEL Yes

MANUFACTURER Md. Concrete

CAPACITY 2000 GAL

SEAM LOC Top

TANK LID DEPTH 1'-2'

BAFFLES Yes

BAFFLE FILTER No

MANHOLE LOC Front

6" PORT LOC Rear

WATERTIGHT TEST No

SLOTTED Yes

DATE ON LID 10/3/2013

PUMP/SEPTIC TANK LEVEL N/A

MANUFACTURER

CAPACITY GAL

SEAM LOC

TANK LID DEPTH

BAFFLES

BAFFLE FILTER

MANHOLE LOC

6" PORT LOC

WATERTIGHT TEST

SLOTTED

DATE ON LID

PRE-CONSTRUCTION: 12/6/2013 Layout done. BB

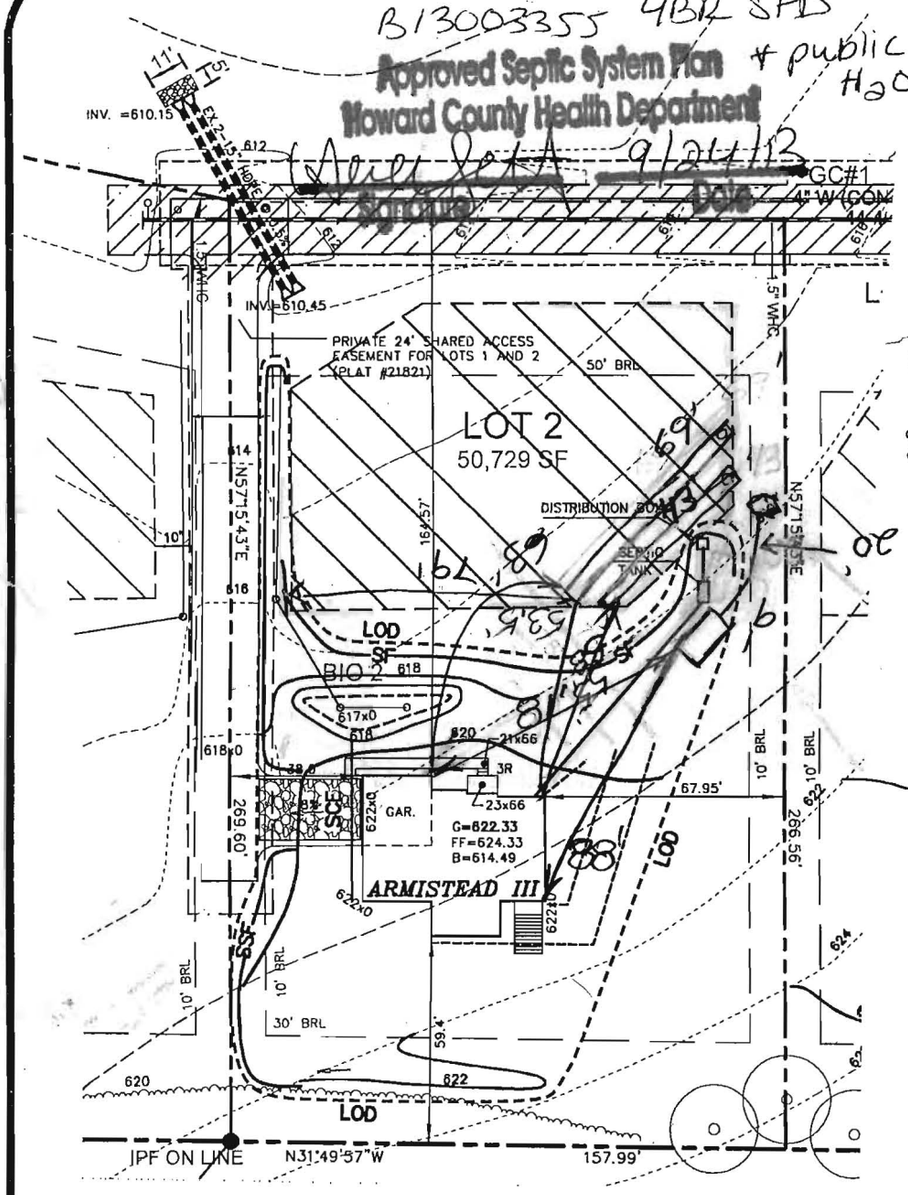
INSTALLATION: 12/19/2013 Tank set. Trenches finished. Need tank baffles. BB

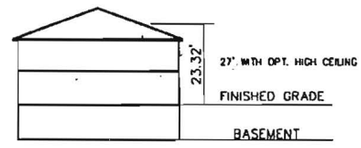
12/20/2013 System finished, O.K. to backfill. BB

FINAL INSPECTOR B. Baker DATE OF APPROVAL 12/20/2013

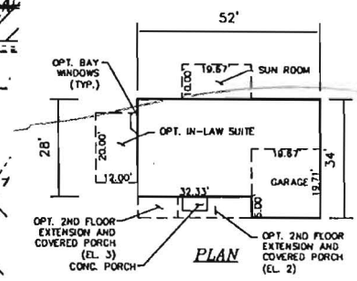
B13003355 4BR SFD + public H_2O

Approved Septic System Plan
Howard County Health Department
9/24/13
Signature





PROFILE



PLAN

ARMISTEAD III
SCALE: 1"=30'

SEPTIC SYSTEM DATA

FIRST FLOOR EL:	624.33
BASEMENT EL.	614.33
INV.OUT OF HOUSE:	618.50
INV. IN SEPTIC TANK	614.75
INV. OUT SEPTIC TANK:	614.50
EX. EL. AT SEPTIC TANK:	~~318.00~~ 618.00
PR. EL. AT SEPTIC TANK:	618.00
EX. EL AT DIST. BOX:	615.50
INV. IN DIST. BOX:	612.00

GENERAL NOTES:

1. SUBJECT PROPERTY ZONED RR-DEO PER THE 02/02/04 COMPREHENSIVE ZONING PLAN AND THE COMP LITE ZONING AMENDMENT EFFECTIVE 07/28/06.
2. BOUNDARY SHOWN HEREON IS BASED ON FIELD RUN SURVEY BY SILL, ADCOCK AND ASSOC. LLC PERFORMED ON OR ABOUT MAY 2010.
3. SITE LOCATION : TAX MAP 10, PARCEL 15, LOT 2
   SITE AREA : 50,729 S.F.±
4. TOPOGRAPHIC DATA SHOWN HEREON IS BASED ON FIELD RUN TOPOGRAPHIC SURVEY BY SILL, ADCOCK AND ASSOC. LLC PERFORMED ON OR ABOUT MAY 2010.
5. BASED ON AVAILABLE COUNTY DATA, NO HISTORIC STRUCTURES OR BURIAL GROUNDS EXIST ON SITE.
6. PUBLIC WATER AND PRIVATE SEWERAGE WILL BE UTILIZED.
7. THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF AT LEAST 10,000 SQ. FT. AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE 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 VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWERAGE EASEMENT, & RECORDATION OF A MODIFIED EASEMENT SHALL NOT BE NECESSARY.
8. DRIVEWAYS SHALL BE PROVIDED PRIOR TO ISSUANCE OF A USE AND OCCUPANCY PERMIT FOR ANY NEW DWELLINGS TO ENSURE SAFE ACCESS FOR FIRE AND EMERGENCY VEHICLES PER THE FOLLOWING MINIMUM REQUIREMENTS:
   - WIDTH – 12' (16' SERVING MORE THAN ONE RESIDENCE);
   - SURFACE – 6" OF COMPACTED CRUSHER RUN BASE W/TAR AND CHIP COATING (1-1/2" MIN.);
   - GEOMETRY – MAX. 14% GRADE, MAX. 10% GRADE CHANGE AND MIN. 45' TURNING RADIUS;
   - STRUCTURES (CULVERTS/BRIDGES) – CAPABLE OF SUPPORTING 25 GROSS TONS (H25 LOADING);
   - DRAINAGE ELEMENTS – CAPABLE OF SAFELY PASSING 100-YEAR FLOOD WITH NO MORE THAN 1 FOOT DEPTH OVER DRIVEWAY SURFACE;
   - MAINTENANCE – SUFFICIENT TO ENSURE ALL WEATHER USE.
9. STORMWATER MANAGEMENT IS PROVIDED VIA ROOFTOP DISCONNECTIONS IN ACCORDANCE WITH THE 2007 MDE STORMWATER DESIGN MANUAL USING ESD METHODS, APPROVED UNDER F-11-065.
10. LIMIT OF DISTURBANCE IS LESS THAN 30,000 S.F.(16,200 S.F.). THIS PLAN QUALIFIES FOR STANDARD EROSION AND SEDIMENT CONTROL. HOWARD SOIL CONSERVATION DISTRICT REVIEW IS NOT REQUIRED.

OWNER/DEVELOPER

DORSEY FAMILY HOMES
10717 BIRMINGHAM WAY SUITE B
WOODSTOCK, MARYLAND 21163
410-465-7200

ADDRESS CHART

LOT #	ADDRESS
2	12133 OLD FREDERICK ROAD, MARRIOTSVILLE, MD 21104

PLOT PLAN
SHIPLEYS CHOICE
LOT 2

FIRST ELECTION DISTRICT — HOWARD COUNTY, MARYLAND

SCALE: 1"=50'	DRAWN BY: MES	DATE: AUG 2013	PN:12-030

MILDENBERG BOENDER, & ASSOC., INC.
Engineers Planners Surveyors
6800 Deerpath Rd., Suite 150, Elkridge, Maryland 21075
(410) 997-0296 Balt. (410) 997-0298 Fax.

SHEET 1 OF 1

P:\2004\12-030\DWG\SHEET13 SHIPLEYS CHOICE PLOT-PLANS.dwg

Howard County Health Department

Signature Date 9/24/13

GC#1

4" W (CONC

PRIVATE 24' SHARED ACCESS EASEMENT FOR LOTS 1 AND 2 (PLAT #21821)

INV.=610.45

50' BRL

LOT 2

50,729 SF

DISTRIBUTION BOX

SEPTIC TANK

N57°15'43"E

LOD

SF

BIO 2

617x0

618x0

620

21x66

3R

23x66

67.95'

10' BRL

622x0

GAR.

G=622.33

FF=624.33

B=614.49

ARMISTEAD III

622x0

622x0

269.60'

266.56'

10' BRL

30' BRL

59.4'

622

LOD

N31°49'57"W

157.99'

1.5' WHC

PROFILE

OPT. BAY WINDOWS (TYP.)

OPT. IN-

28'

20.00'

12.00'

OPT. 2ND FLOOR EXTENSION AND COVERED PORCH (EL. 3) CONC. PORCH

ARMIS

SEPTIC S

FIRST FLOOR EL

BASEMENT EL.

INV. OUT OF HO

INV. IN SEPTIC

INV. OUT SEPTI

EX. EL. AT SEP

PR. EL. AT SEP

EX. EL AT DIST

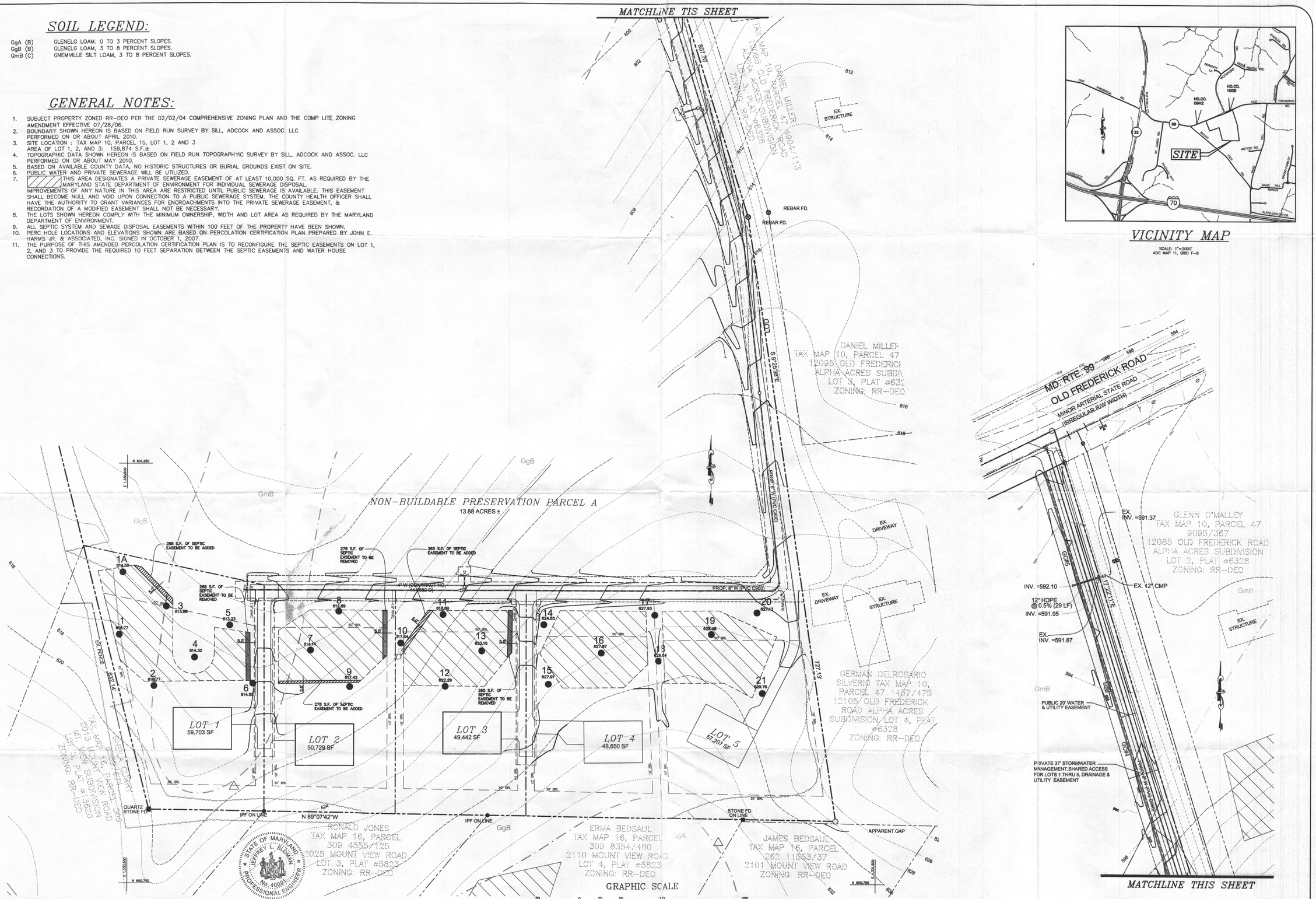
INV. IN DIST. B

SOIL LEGEND:

GgA (B)	GLENELG LOAM, 0 TO 3 PERCENT SLOPES.
GgB (B)	GLENELG LOAM, 3 TO 8 PERCENT SLOPES.
GmB (C)	GNEMVILLE SILT LOAM, 3 TO 8 PERCENT SLOPES.

GENERAL NOTES:

1. SUBJECT PROPERTY ZONED RR-DEO PER THE 02/02/04 COMPREHENSIVE ZONING PLAN AND THE COMP LITE ZONING AMENDMENT EFFECTIVE 07/28/06.
2. BOUNDARY SHOWN HEREON IS BASED ON FIELD RUN SURVEY BY SILL, ADCOCK AND ASSOC. LLC PERFORMED ON OR ABOUT APRIL 2010.
3. SITE LOCATION : TAX MAP 10, PARCEL 15, LOT 1, 2 AND 3
   AREA OF LOT 1, 2, AND 3: 159,874 S.F.±
4. TOPOGRAPHIC DATA SHOWN HEREON IS BASED ON FIELD RUN TOPOGRAPHYIC SURVEY BY SILL, ADCOCK AND ASSOC. LLC PERFORMED ON OR ABOUT MAY 2010.
5. BASED ON AVAILABLE COUNTY DATA, NO HISTORIC STRUCTURES OR BURIAL GROUNDS EXIST ON SITE.
6. PUBLIC WATER AND PRIVATE SEWERAGE WILL BE UTILIZED.
7. THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF AT LEAST 10,000 SQ. FT. AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE 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 VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWERAGE EASEMENT, & RECORDATION OF A MODIFIED EASEMENT SHALL NOT BE NECESSARY.
8. THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP, WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND DEPARTMENT OF ENVIRONMENT.
9. ALL SEPTIC SYSTEM AND SEWAGE DISPOSAL EASEMENTS WITHIN 100 FEET OF THE PROPERTY HAVE BEEN SHOWN.
10. PERC HOLE LOCATIONS AND ELEVATIONS SHOWN ARE BASED ON PERCOLATION CERTIFICATION PLAN PREPARED BY JOHN E. HARMS JR. & ASSOCIATED, INC. SIGNED IN OCTOBER 1, 2007.
11. THE PURPOSE OF THIS AMENDED PERCOLATION CERTIFICATION PLAN IS TO RECONFIGURE THE SEPTIC EASEMENTS ON LOT 1, 2, AND 3 TO PROVIDE THE REQUIRED 10 FEET SEPARATION BETWEEN THE SEPTIC EASEMENTS AND WATER HOUSE CONNECTIONS.



VICINITY MAP

SCALE: 1"=2000'
ADC MAP 11, GRID F-8

APPROVED FOR PUBLIC WATER AND PRIVATE SEPTIC SYSTEMS
HOWARD COUNTY HEALTH DEPARTMENT

for Maura Rossman 5/30/2013
HOWARD COUNTY HEALTH OFFICER DATE

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. 40091, EXP DATE 2/13/15.

5/14/13
JEFFREY L. SLOMAN, P.E. DATE

STATE OF MARYLAND JEFFREY L. SLOMAN No. 40091 PROFESSIONAL ENGINEER

OWNER/DEVELOPER

DORSEY FAMILY HOMES
10717 BIRMINGHAM WAY SUITE B
WOODSTOCK, MARYLAND 21163
410-465-7200

P:\2004\12-030\dwg\perc cert.dwg

project	date
12-030	MAY 2013
illustration	engineering
MKM	MKM
scale	approval
1" = 50'	JLS

no.	description / revisions	date

SHIPLEY'S CHOICE
LOTS 1, 2 AND 3
TAX MAP# 10 GRID 19 PARCEL 15 (PLAT #21821
THIRD ELECTION DISTRICT HOWARD COUNTY
AMENDED PERCOLATION CERTIFICATION PLAN

MILDENBERG, BOENDER & ASSOC., INC.
Engineers Planners Surveyors
6800 Deerpath Road, Suite 150, Elkridge, MD 21075
(410) 997-0296 Balt. (410) 997-0298 Fax.

1 OF 1