

STANDARD DRAWING LEGEND FOR ENTIRE PLAN SET (NOT TO SCALE)		
EXISTING NOTE	TYPICAL NOTE TEXT	PROPOSED NOTE
---	ONSITE PROPERTY LINE / R.O.W. LINE	---
---	NEIGHBORING PROPERTY LINE / INTERIOR PARCEL LINE	---
---	EASEMENT LINE	---
---	SETBACK LINE	---
---	CONCRETE CURB & GUTTER	---
---	UTILITY POLE WITH LIGHT	---
---	POLE LIGHT	---
---	TRAFFIC LIGHT	---
---	UTILITY POLE	---
---	TYPICAL LIGHT	---
---	ACORN LIGHT	---
---	TYPICAL SIGN	---
---	CONTOUR LINE	---
---	SANITARY SEWER LATERAL	---
---	UNDERGROUND WATER LINE	---
---	UNDERGROUND ELECTRIC LINE	---
---	UNDERGROUND GAS LINE	---
---	OVERHEAD WIRE	---
---	UNDERGROUND TELEPHONE LINE	---
---	UNDERGROUND CABLE LINE	---
---	STORM SEWER	---
---	SANITARY SEWER MAIN	---
---	HYDRANT	---
---	SANITARY MANHOLE	---
---	STORM MANHOLE	---
---	WATER METER	---
---	WATER VALVE	---
---	TYPICAL END SECTION	---
---	HEADWALL OR ENDWALL	---
---	YARD INLET	---
---	CURB INLET	---
---	CLEAN OUT	---
---	ELECTRIC MANHOLE	---
---	TELEPHONE MANHOLE	---
---	ELECTRIC BOX	---
---	ELECTRIC PEDESTAL	---
---	MONITORING WELL	---
---	BENCHMARK	---
---	BORING	---
---	FLOODPLAIN	---
---	STEEP SLOPES (>25%)	---
---	IMPERVIOUS AREA	---
---	MICROBIORETENTION FACILITY NUMBER	---
---	WATER QUALITY FACILITY DRAINAGE AREA	---
---	DIVERSION DIKE	---
---	SUPER SILT FENCE	---
---	TREE PROTECTION	---
---	WETLANDS	---

STANDARD DRAWING LEGEND FOR ENTIRE PLAN SET (NOT TO SCALE)		
EXISTING NOTE	TYPICAL NOTE TEXT	PROPOSED NOTE
---	STABILIZED CONSTRUCTION ENTRANCE	---
---	SILT FENCE	---
---	SOILS LINE	---
---	WETLAND BUFFER	---
---	STREAM BUFFER	---
---	TREELINE	---
---	DIVERSION FENCE	---
---	CURB AND GUTTER	---
---	SPILL CURB	---
---	TRANSITION CURB	---
---	DEPRESSED CURB AND GUTTER	---

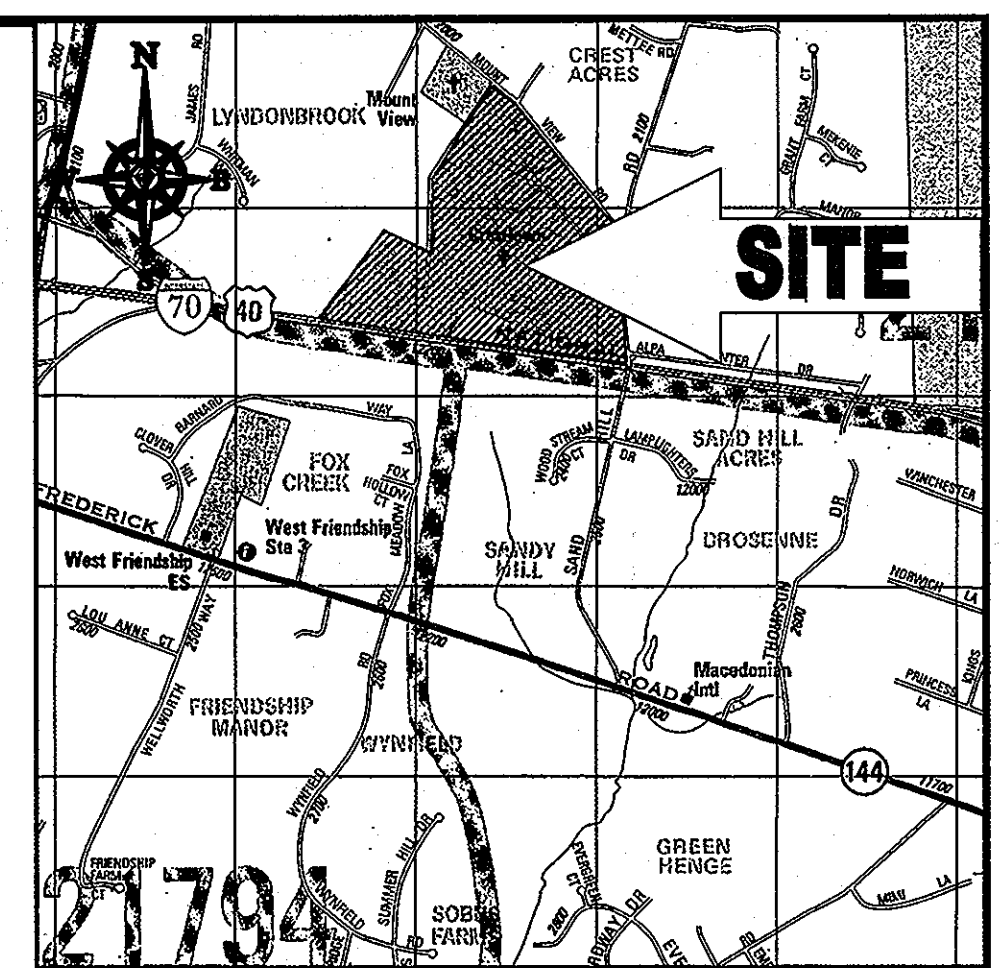
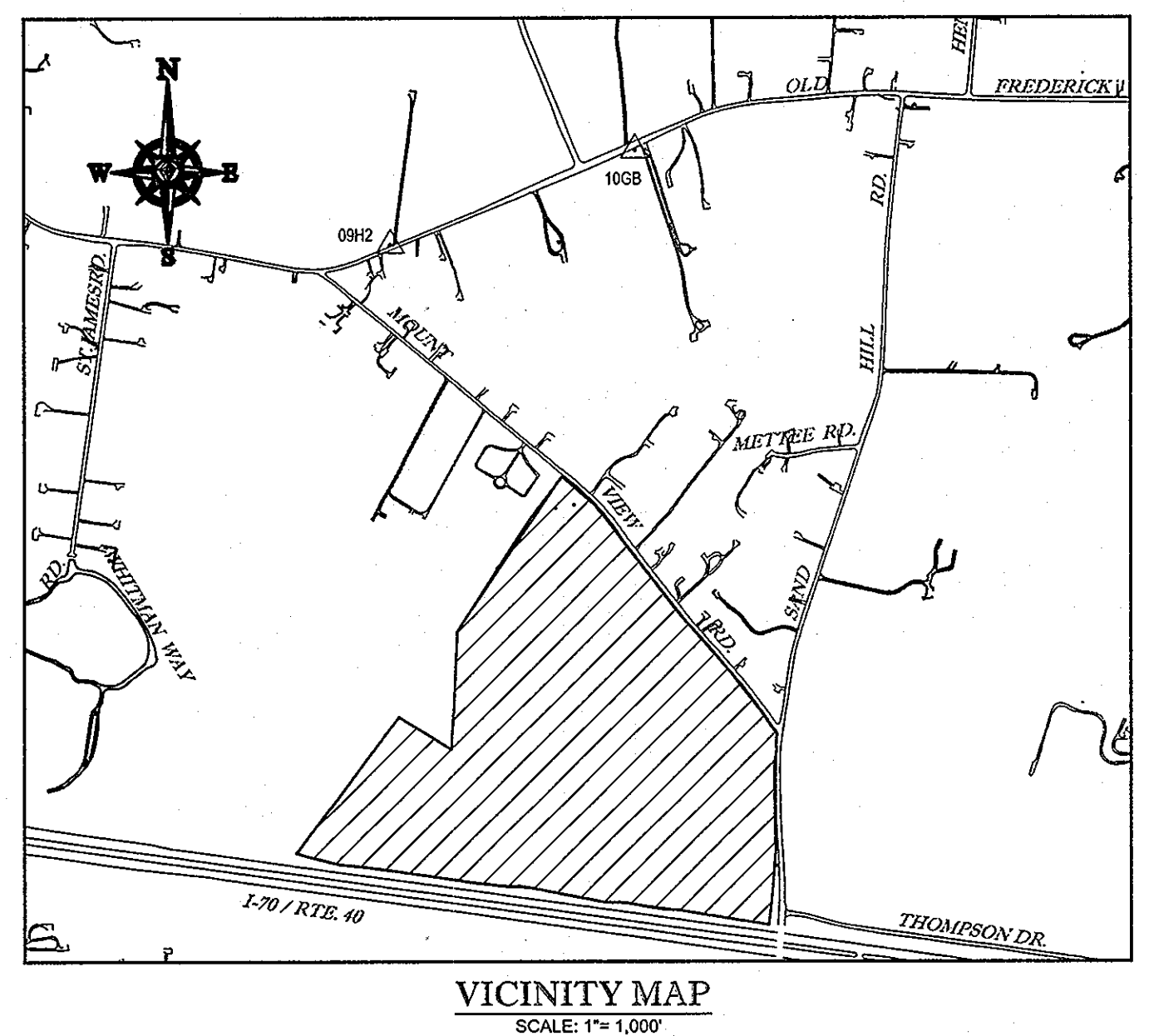
# ENVIRONMENTAL CONCEPT PLAN

## FOR

# CRESTLAWN MEMORIAL GARDENS

LOCATION OF SITE  
3rd ELECTION DISTRICT  
TAX MAP 16, GRID 1, PARCEL 377  
HOWARD COUNTY, MARYLAND

SOILS NAME	SOILS DESCRIPTION	HYDROLOGIC SOILS GROUP	HIGHLY ERODIBLE SOIL
GgA	GLENELG LOAM, 0 TO 3 PERCENT SLOPES	B	NO
GgB	GLENELG LOAM, 3 TO 8 PERCENT SLOPES	B	NO
GgC	GLENELG LOAM, 8 TO 15 PERCENT SLOPES	B	NO
GmB	GLENVILLE SILT LOAM, 3 TO 8 PERCENT SLOPES	C	NO
GnB	GLENVILLE-BAILE SILT LOAMS, 0 TO 8 PERCENT SLOPES	C	YES
MaB	MANOR LOAM, 3 TO 8 PERCENT SLOPES	B	NO
MaC	MANOR LOAM, 8 TO 15 PERCENT SLOPES	B	NO
UaF	UDORTMENTS, HIGHWAY, 0 TO 85 PERCENT SLOPES	B	NO



LOCATION MAP  
COPYRIGHT ADC THE MAP PEOPLE  
PERMIT USE NO. 2002153-S  
SCALE: 1"=2000'  
ADC MAP COORDINATES: 10F2

### GENERAL NOTES

- THE SUBJECT PROPERTY IS ZONED RR-DEO.
- THE PROPERTY BOUNDARY AND EXISTING TOPOGRAPHY IS BASED ON HOWARD COUNTY AERIAL TOPOGRAPHY AND FIELD RUN TOPOGRAPHY BY BOHLER ENGINEERING DATED DEC. 2012.
- EXISTING UTILITIES ARE BASED ON CURRENT HOWARD COUNTY CONTRACT DRAWINGS.  
EX. 12" WATER - CONTRACT NO. 44-3874  
EX. 8" SEWER - CONTRACT NO. 20-3733
- A WETLAND DELINEATION REPORT WAS COMPLETED FOR THIS PROJECT BY ECO-SCIENCE PROFESSIONALS, INC. DATED APRIL 9, 2012 AND A FOREST STAND DELINEATION REPORT WAS COMPLETED BY ECO-SCIENCE PROFESSIONALS, INC. DATED MARCH 17, 2012.
- THE 100 YEAR FLOODPLAIN STUDY WAS CONDUCTED BY BOHLER ENGINEERING SUBMITTED FOR REVIEW WITH EOP.
- ALL ENVIRONMENTALLY SENSITIVE AREAS (I.E. 100-YEAR FLOODPLAIN, WETLANDS, STREAMS, THEIR BUFFERS) SHALL REMAIN UNDISTURBED.
- APPLICABLE DPZ FILE NUMBERS: BA CASE 00-586 DATED JULY 31, 2001 APPROVED A NEW MAUSOLEUM; SDP-84-316, SDP-85-233 AND BA CASE # 245-C.
- THE APPROVAL OF THIS ENVIRONMENTAL CONCEPT PLAN DOES NOT CONSTITUTE APPROVAL OF ANY SUBSEQUENT AND ASSOCIATED SUBDIVISION PLAT PLAN, SITE DEVELOPMENT PLAN, AND/OR REDLINE REVISION PLAN. REVIEW OF THIS PROJECT FOR COMPLIANCE WITH THE HOWARD COUNTY SUBDIVISION AND LAND DEVELOPMENT REGULATIONS AND THE HOWARD COUNTY ZONING REGULATIONS SHALL OCCUR AT THE APPLICABLE STAGE. THEREFORE, THE APPLICANT AND CONSULTANT SHOULD EXPECT ADDITIONAL AND MORE DETAILED REVIEW COMMENTS THAT MAY ALTER THE OVERALL SITE DESIGN AS THIS PROJECT PROGRESSES THROUGH THE PLAN REVIEW PROCESS.

SHEET INDEX	
SHEET TITLE	SHEET NUMBER
COVER SHEET	1
ENVIRONMENTAL CONCEPT PLAN	2
EROSION AND SEDIMENT CONTROL PLAN	3

### DESIGN NARRATIVE

THE AREA OF THIS SUBMISSION IS APPROXIMATELY 3.63 ACRES. THE SITE PROJECT AREA CONSIST OF MAINTAINED LAWN, WITH EXISTING GRAVE SITES AND ASSOCIATED DRIVEWAYS. THERE ARE STREAMS LOCATED NEAR THE WESTERN AND SOUTHERN PROPERTY LINES. ADDITIONALLY AN EXISTING POND IS LOCATED IN THE SOUTH CENTRAL PORTION OF THE PROPERTY. THE SITE AREA DRAINS SOUTH TOWARDS AN UNNAMED TRIBUTARY OF THE MIDDLE PATUXENT RIVER. THIS STREAM IS CONVEYED UNDER I-70 VIA AN RCP CULVERT.

THE PROPOSED ROAD SHALL BE A PRIVATE OPEN SECTION ROAD.

NATURAL FLOW PATTERNS SHALL BE PRESERVED IN THAT ALL PROPOSED PRACTICES SHALL DISCHARGE ON TO AREAS WITHIN ITS NATURAL DRAINAGE AREA. THE PRACTICES ARE GENERALLY DISPERSED THROUGHOUT THE SITE AND SHALL DISCHARGE ALONG THE OUTER EDGE OF THE SITE TO MIMIC THE LAYOUT OF THE NATURAL GROUND AS IT ENTERS THE STREAMS.

SEDIMENT AND EROSION CONTROL SHALL COMPLY WITH THE LATEST EDITION OF THE MDE STANDARDS AND SPECIFICATIONS FOR SEDIMENT CONTROL AS SHOWN ON THE ACCOMPANYING ECP AND SUBSEQUENT SITE DEVELOPMENT PLAN.

IN SUMMARY ALL ESD TO THE MEP REQUIREMENTS AS DEFINED IN THE STORMWATER MANAGEMENT ACT OF 2007 HAVE BEEN MET FOR THE PROPOSED DEVELOPMENT. WATER QUALITY IS PROVIDED WITH THE IMPLEMENTATION OF RAIN GARDEN (M-7) FACILITIES AND A NON-ROOFTOP DISCONNECTION. RECHARGE HAS BEEN MET BY PROVIDING THE REQUIRED REV BELOW THE PROPOSED RAIN GARDEN AND VIA SHEET FLOW DISCONNECTION.

FOREST CONSERVATION REQUIREMENTS WILL BE MET WITH OFF-SITE REFORESTATION FOR A PORTION OF THE SITE AT AN APPROVED LOCATION TO BE DETERMINED DURING THE SDP PROCESS.

NO.	DATE	REVISION DESCRIPTION
OWNER:		
CRESTLAWN MEMORIAL GARDENS, INC. C/O STEWART ENTERPRISES, INC. P.O. BOX 11250 NEW ORLEANS LA, 70181-1250 TEL. 301-881-4899		
DEVELOPER:		
CRESTLAWN MEMORIAL GARDENS, INC. C/O STEWART ENTERPRISES, INC. P.O. BOX 11250 NEW ORLEANS LA, 70181-1250 TEL. 301-881-4899		
PROJECT:		
CRESTLAWN MEMORIAL GARDENS		
TAX MAP: 16 GRID: 1 ZONED: RR-DEO		
PARCEL: 377		
3rd ELECTION DISTRICT, HOWARD COUNTY, MARYLAND		
TITLE:		
COVER SHEET		
<b>BOHLER ENGINEERING</b> 901 DULANEY VALLEY ROAD, SUITE 801 TOWSON, MARYLAND 21284 Phone: (410) 821-7900 Fax: (410) 821-7987 <a href="http://www.BohlerEngineering.com">www.BohlerEngineering.com</a>		
DESIGNED BY: AVG		
DRAWN BY: AVG		
PROJECT NO.: MD112132		
DATE: 03/08/13		
SCALE: AS NOTED		
DRAWING NO. 1 OF 3		

APPROVED: DEPARTMENT OF PLANNING AND ZONING  
  
 CHIEF-DEVELOPMENT ENGINEERING DIVISION DATE: 4/16/13  
  
 CHIEF-DIVISION OF LAND DEVELOPMENT DATE: 4/15/13

PREPARED BY

**BOHLER ENGINEERING**

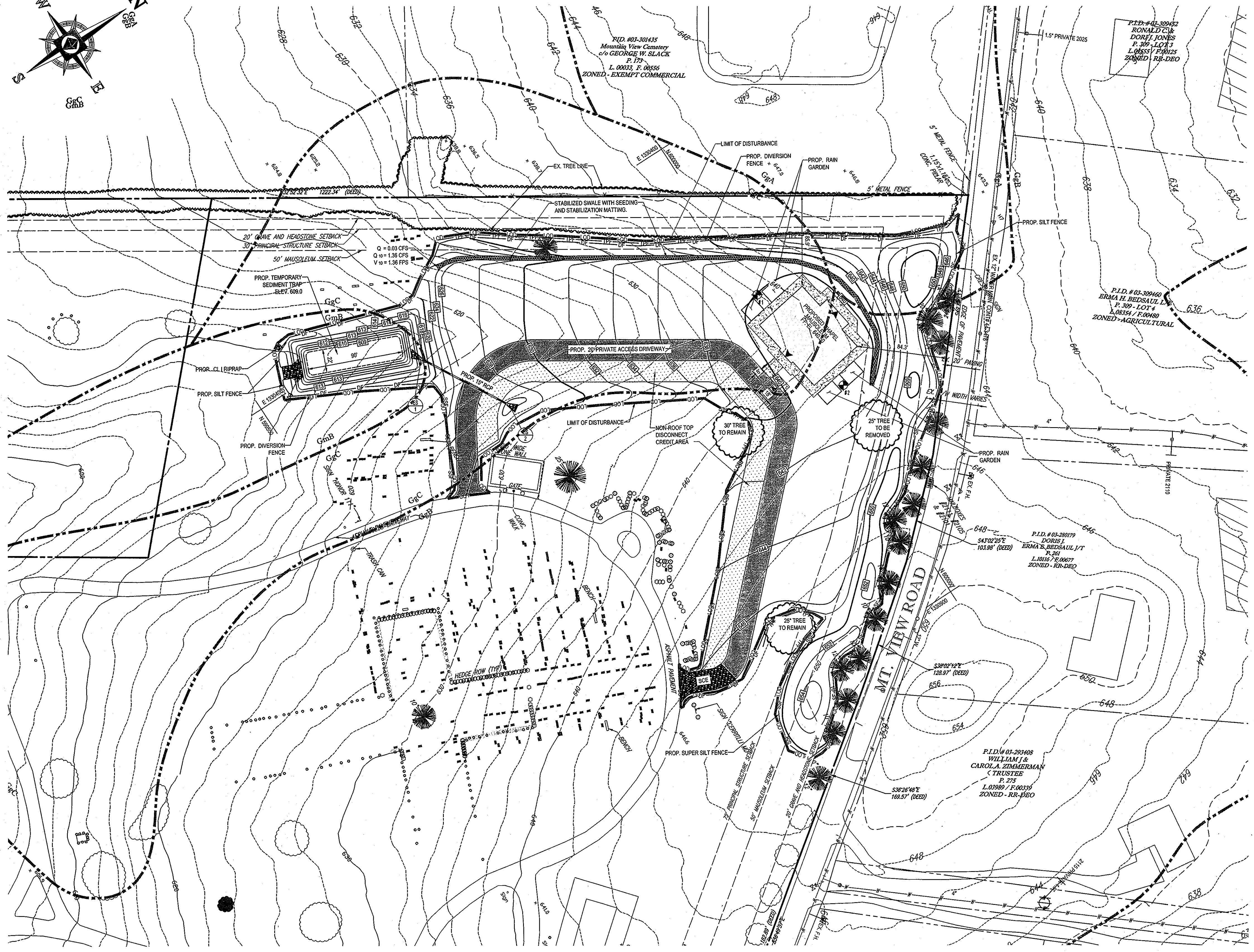
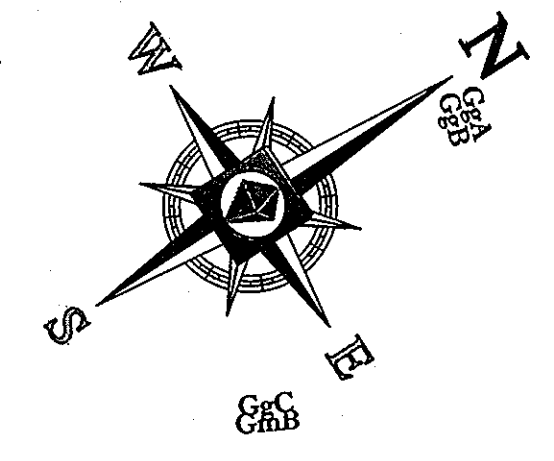
901 DULANEY VALLEY ROAD, SUITE 801  
TOWSON, MARYLAND 21204  
Phone: (410) 821-7900  
Fax: (410) 821-7987  
[www.BohlerEngineering.com](http://www.BohlerEngineering.com)

CONTACT: DAVID C. WOESSNER, P.E.

SITE ANALYSIS DATA SHEET	
GROSS SITE AREA	109.55 AC
WETLANDS AND WETLAND BUFFER	2.30 AC
FLOODPLAIN AND FLOODPLAIN BUFFER	0.30 AC
STEEP SLOPES 25% OR GREATER	0.86 AC
NET AREA	106.09 AC
FOREST AREA (PER FSD)	5.20 AC
STREAM BUFFER	5.17 AC
ERODIBLE SOILS	25.1 AC
LIMIT OF DISTURBANCE	3.63 AC
PROPOSED IMPERVIOUS AREA	0.50 AC
GREEN OPEN AREA	3.13 AC

PROFESSIONAL CERTIFICATION  
 I, STEPHEN J. CORN, 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. 18516, EXPIRATION DATE: 12/31/13





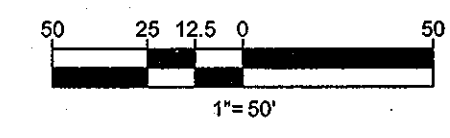
**SITE PLAN**  
SCALE: 1" = 50'

SOILS TABLE			
SOILS NAME	SOILS DESCRIPTION	HYDROLOGIC SOILS GROUP	HIGHLY ERODIBLE SOIL
GgA	GLENELG LOAM, 0 TO 3 PERCENT SLOPES	B	NO
GgB	GLENELG LOAM, 3 TO 8 PERCENT SLOPES	B	NO
GgC	GLENELG LOAM, 8 TO 15 PERCENT SLOPES	B	NO
GmB	GLENVILLE SILT LOAM, 3 TO 8 PERCENT SLOPES	C	NO
GnB	GLENVILLE-BAILE SILT LOAMS, 0 TO 8 PERCENT SLOPES	C	YES
MnC	MANOR LOAM, 8 TO 15 PERCENT SLOPES	B	NO
UaF	UDORTHERTS, HIGHWAY, 0 TO 65 PERCENT SLOPES	B	NO

**LEGEND**

- 162 --- EXISTING CONTOUR LINE
- 170 --- EXISTING EDGE OF PAVEMENT
- --- EXISTING PROPERTY LINE
- --- EXISTING ZONING LINE
- --- APPROXIMATE EXISTING WETLANDS AND BUFFER
- --- EXISTING FOREST LIMITS
- --- APPROXIMATE BUFFER LIMITS
- --- 25% SLOPE OR GREATER
- --- PROP. PAVED ACCESS ROAD
- SF --- SILT FENCE
- SSF --- SUPER SILT FENCE
- DF --- DIVERSION FENCE
- TPF --- TREE PROTECTION FENCE
- --- SOILS BOUNDARY

APPROVED: DEPARTMENT OF PLANNING AND ZONING  
*[Signature]* 4/16/13  
 CHIEF DEVELOPMENT ENGINEERING DIVISION DATE  
*[Signature]* 4/15/13  
 CHIEF DIVISION OF LAND DEVELOPMENT DATE



THE FOLLOWING STATES REQUIRE NOTIFICATION BY EXCAVATORS, CONTRACTORS, OR ANY PERSON PREPARING TO DISTURB THE EARTH'S SURFACE ANYWHERE IN THE STATE OF VIRGINIA, MARYLAND, THE DISTRICT OF COLUMBIA, AND DELAWARE CALL: 811  
 (WV 1-800-245-4868) (PA 1-800-245-1700) (DC 1-800-257-7777) (VA 1-800-552-7001) (MD 1-800-257-7777) (DE 1-800-282-8557)

PROFESSIONAL CERTIFICATION  
 I, STEPHEN J. GORSKI, 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. 18516, EXPIRATION DATE: 12/31/13

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DEVELOPER: CRESTLAWN MEMORIAL GARDENS, INC. C/O STEWART ENTERPRISES, INC. P.O. BOX 11250 NEW ORLEANS LA, 70181-1250 TEL. 301-881-4899		
PROJECT <b>CRESTLAWN MEMORIAL GARDENS</b>		
TAX MAP: 16	GRID: 1	ZONED: RR-DEO
PARCEL: 377		
3rd ELECTION DISTRICT, HOWARD COUNTY, MARYLAND		
TITLE <b>EROSION AND SEDIMENT CONTROL PLAN</b>		



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 TOWSON, MARYLAND 21284  
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 Fax: (410) 821-7987  
 www.BohlerEngineering.com

DESIGNED BY: AVG  
 DRAWN BY: AVG  
 PROJECT NO.: MD112132  
 DATE: 03/06/13  
 SCALE: AS NOTED  
 DRAWING NO. 3 OF 3