

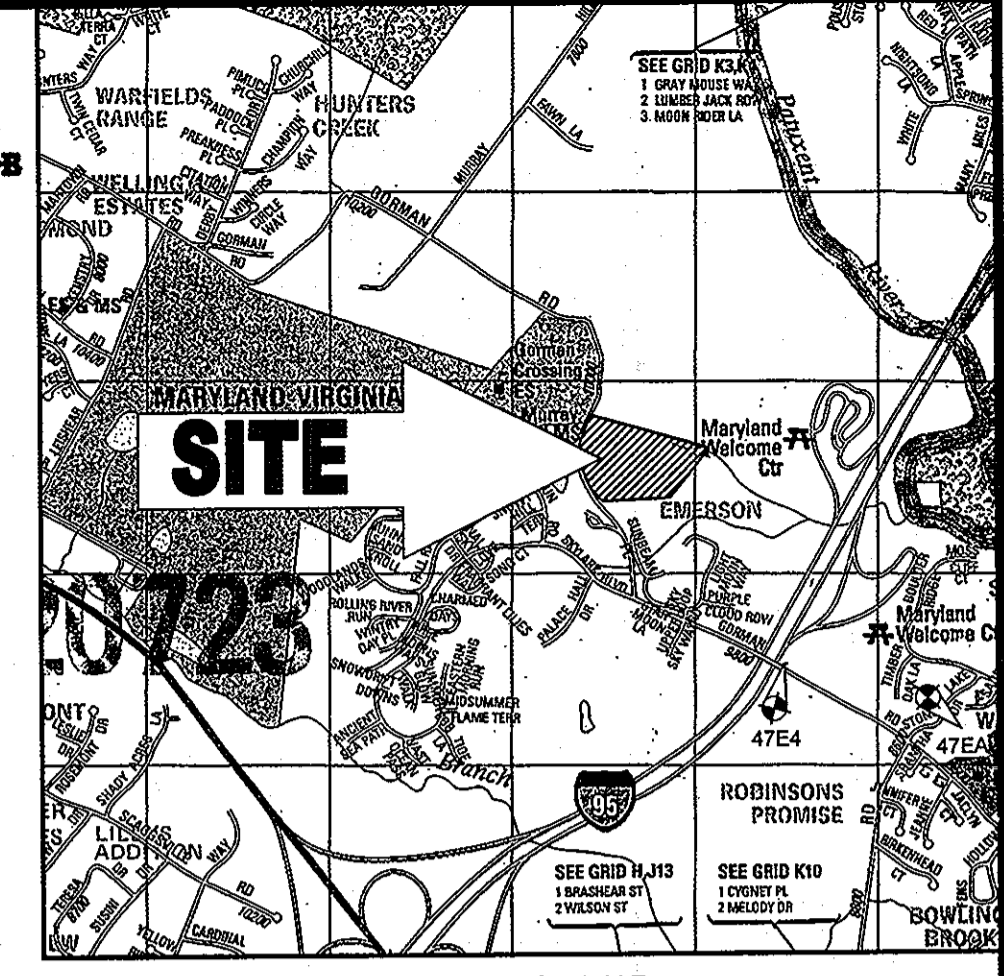
STANDARD DRAWING LEGEND		
FOR ENTIRE PLAN SET (NOT TO SCALE)		
EXISTING NOTE	TYPICAL NOTE TEXT	PROPOSED NOTE
---	ONSITE PROPERTY LINE / R.O.W. LINE	---
---	NEIGHBORING PROPERTY LINE / INTERIOR PARCEL LINE	---
---	EASEMENT LINE	---
---	SETBACK LINE	---
---	CONCRETE CURB & GUTTER	---
---	UTILITY POLE WITH 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	---
---	REFORESTATION	---

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	---
---	UTILITY POLE WITH LIGHT	---
---	POLE LIGHT	---
---	TRAFFIC LIGHT	---
---	UTILITY POLE	---
---	TYPICAL LIGHT	---
---	ACORN LIGHT	---
---	TYPICAL SIGN	---
---	CONTOUR LINE	---
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---	STORM SEWER	---
---	SANITARY SEWER MAIN	---
---	HYDRANT	---
---	SANITARY MANHOLE	---
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---	WATER METER	---
---	WATER VALVE	---
---	TYPICAL END SECTION	---
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---	YARD INLET	---
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---	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	---
---	REFORESTATION	---

# ENVIRONMENTAL CONCEPT PLAN

## FOR WALDEN WOODS

LOCATION OF SITE  
 6TH ELECTION DISTRICT  
 TAX MAP 47, GRID 2, TM PARCEL 4, PARCEL "A"  
 HOWARD COUNTY, MARYLAND

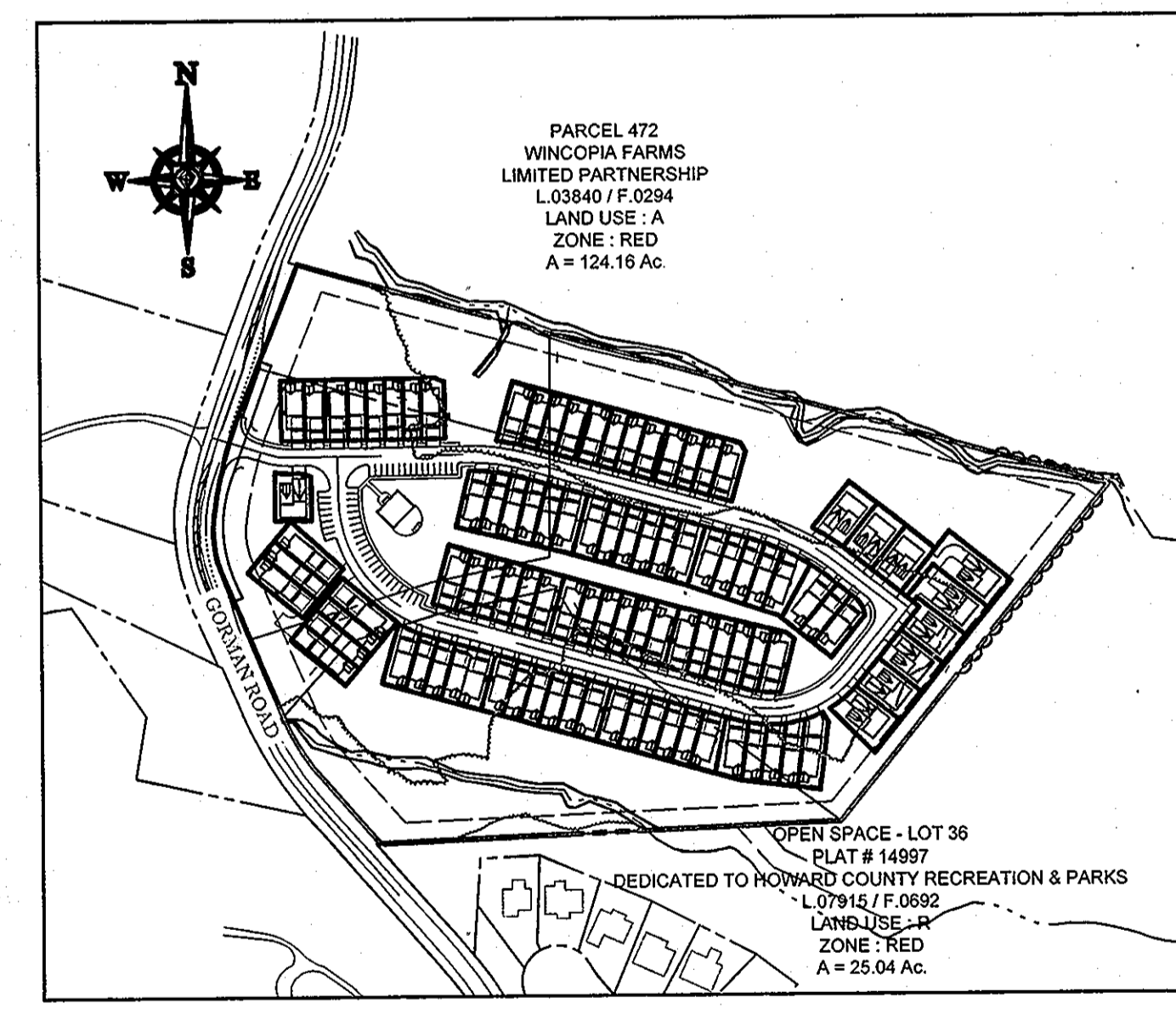


LOCATION MAP  
 COPYRIGHT ADC THE MAP PEOPLE  
 PERMIT USE NO. 20602153-5  
 SCALE: 1"=200'  
 ADC MAP COORDINATES: 505308

### GENERAL NOTES

- THE SUBJECT PROPERTY IS ZONED PSC PER ZONING BOARD CASE 1041M DATED MAY 15, 2009.
- THE PROPERTY BOUNDARY AND EXISTING TOPOGRAPHY IS BASED ON A FIELD MONUMENTED SURVEY PERFORMED BY JOHN C. MELLEMA, INC. IN AUGUST, 2004.
- 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 3, 2012 AND A FURTHER WETLAND DELINEATION REPORT WAS COMPLETED BY ECO-SCIENCE PROFESSIONALS, INC. DATED MARCH 17, 2012.
- THE 100 YEAR FLOODPLAIN STUDY WAS CONDUCTED AND APPROVED WITH SDP 06-039.
- ALL ENVIRONMENTALLY SENSITIVE AREAS (I.E. 100-YEAR FLOODPLAIN, WETLANDS, STREAMS, THEIR BUFFERS) SHALL REMAIN UNDISTURBED WITH THE EXCEPTION OF THE INSTALLATION OF WATER AND SEWER LINES IN ORDER TO CONNECT TO EXISTING SYSTEMS. ADDITIONALLY THIS DEVELOPMENT PROPOSES TO DISTURB TWO (2) SMALL PORTIONS OF THE 50-FOOT STREAM BANK BUFFER AND THE 75-FOOT STREAM BUFFER ALONG THE NORTHERN PORTION OF THE SITE FOR THE INSTALLATION OF ENVIRONMENTAL SITE DESIGN (ESD) FEATURES. WATER WP-12-131 HAS BEEN APPROVED TO ALLOW FOR THIS DISTURBANCE.
- THERE ARE NO CEMETERIES OR HISTORICAL FEATURES KNOWN ONSITE.
- APPLICABLE DPZ FILE NUMBERS ZB 1041M, WP-06-064, F-06-0170, SDP 06-035, WP-12-131.
- THE APPROVAL OF THIS ENVIRONMENTAL CONCEPT PLAN DOES NOT CONSTITUTE APPROVAL OF ANY SUBSEQUENT AND ASSOCIATED SUBDIVISION 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. 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.
- A WAIVER APPLICATION WAS SUBMITTED ON FEBRUARY 23, 2012 REQUESTING RELIEF FROM SECTIONS 15.120 (3) (A) AND 15.119 (a) (2) (i) (ii) OF THE HOWARD COUNTY SUBDIVISION AND LAND DEVELOPMENT REGULATIONS. THIS HAS BEEN APPROVED AS WP-12-131.
- ALL DRAINAGE AREAS GREATER THAN 2.0 ACRES WILL BE REQUIRED TO PROVIDE TEMPORARY STORMWATER MANAGEMENT DURING CONSTRUCTION.

SOILS TABLE			
SOILS NAME	SOILS DESCRIPTION	HYDROLOGIC SOILS GROUP	HIGHLY ERODIBLE SOIL
GmB	GLENVILLE SILT LOAM, 3 TO 8 PERCENT SLOPES	C	NO
GnB	GLENVILLE-BALE 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
MaD	MANOR LOAM, 15 TO 25 PERCENT SLOPES	B	NO
SaC	SASSAFRAS LOAM, 5 TO 10 PERCENT SLOPES	B	NO



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 16.57 ACRES. THE SITE IS PARTIALLY WOODED, WITH FOUR (4) EXISTING DWELLINGS AND ASSOCIATED DRIVEWAYS. THERE ARE STREAMS LOCATED ALONG THE NORTHERN AND SOUTHERN PROPERTY LINES; ADDITIONALLY AN EXISTING POND IS LOCATED IN THE SOUTHWEST PORTION OF THE PROPERTY. THERE IS A HIGH POINT THAT IS LOCATED IN THE CENTER OF THE SITE WITH THE LAND FALLING TOWARD THE STREAMS LOCATED NORTH AND SOUTH OF THE SITE.

THE PROPOSED DEVELOPMENT SHALL REMOVE THE EXISTING STRUCTURES, DRIVEWAYS AND POND. THE POND IS REQUIRED TO BE REMOVED FOR SAFETY ISSUES. IT WILL CONSIST OF 87 SFA UNITS AND 10 SFD DWELLINGS ON FEE SIMPLE LOTS WITH DRIVEWAYS. THE PROPOSED ROADS SHALL BE PRIVATE CLOSED SECTION ROADS. IT WILL ALSO CONSIST OF WIDENING GORMAN ROAD FOR ACCELERATION AND DECELERATION LANES FOR THE SUBDIVISION.

ALL ENVIRONMENTALLY SENSITIVE AREAS (I.E. 100-YEAR FLOODPLAIN, WETLANDS, STREAMS, THEIR BUFFERS) SHALL REMAIN UNDISTURBED WITH THE EXCEPTION OF THE INSTALLATION OF WATER AND SEWER LINES IN ORDER TO CONNECT TO EXISTING SYSTEMS. ADDITIONALLY THIS DEVELOPMENT PROPOSES TO DISTURB TWO (2) SMALL PORTIONS OF THE STREAM BUFFER ALONG THE NORTHERN PORTION OF THE SITE FOR THE INSTALLATION OF ENVIRONMENTAL SITE DESIGN (ESD) FEATURES. A WAIVER HAS BEEN APPROVED TO ALLOW FOR THIS DISTURBANCE.

NATURAL FLOW PATTERNS SHALL BE PRESERVED IN THAT ALL PROPOSED PRACTICES SHALL DISCHARGE ON THE SIDES OF THE AFOREMENTIONED HIGH POINT IN WHICH THEY ARE LOCATED. 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.

IT IS CONCLUDED THAT ALL ESD TO THE MEP REQUIREMENTS AS DEFINED IN THE STORMWATER MANAGEMENT ACT OF 2007 HAVE BEEN MET FOR THE PROPOSED DEVELOPMENT. THE WATER QUALITY HAS BEEN PROVIDED BY THE IMPLEMENTATION OF MICRO-BIORETENTION (M-B) FACILITIES, BIORETENTION FACILITIES, AND A SURFACE SAND FILTER. RECHARGE HAS BEEN MET BY PROVIDING THE REQUIRED  $R_{av}$  BELOW THE PROPOSED ESD FACILITIES.

### SITE ANALYSIS DATA SHEET

GROSS AREA	18.57 AC
FLOODPLAIN AND FLOODPLAIN BUFFER	0.35 AC
STEEP SLOPES 15% OR GREATER	0.30 AC
NET AREA	17.92 AC
WETLANDS AND WETLAND BUFFER	1.88 AC
STREAM BUFFER	4.25 AC
FORESTED AREA (PER FSD)	8.50 AC
ERODIBLE SOILS	0.00 AC
LIMIT OF DISTURBANCE	14.56 AC
PROPOSED IMPERVIOUS AREA	7.56 AC
GREEN OPEN AREA	7.01 AC
TOTAL AREA OF LOTS	7.02 AC

PREPARED BY

**BOHLER ENGINEERING**

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

CONTACT: DAVID C. WOESSNER, P.E.

NO.	DATE	REVISION DESCRIPTION
1		

OWNER:		
LOT 1	SHARON & JOSEPH SANCHEZ	LOT 3
9880 GORMAN ROAD	LAUREL, MD 20723	9910 GORMAN ROAD
(301) 550-4531		LAUREL, MD 20723
LOT 2	IRENE & GEORGE VONEIFF	LOT 4
9900 GORMAN ROAD	LAUREL, MD 20723	9890 GORMAN ROAD
(301) 490-5776		LAUREL, MD 20723
		(863) 325-0081

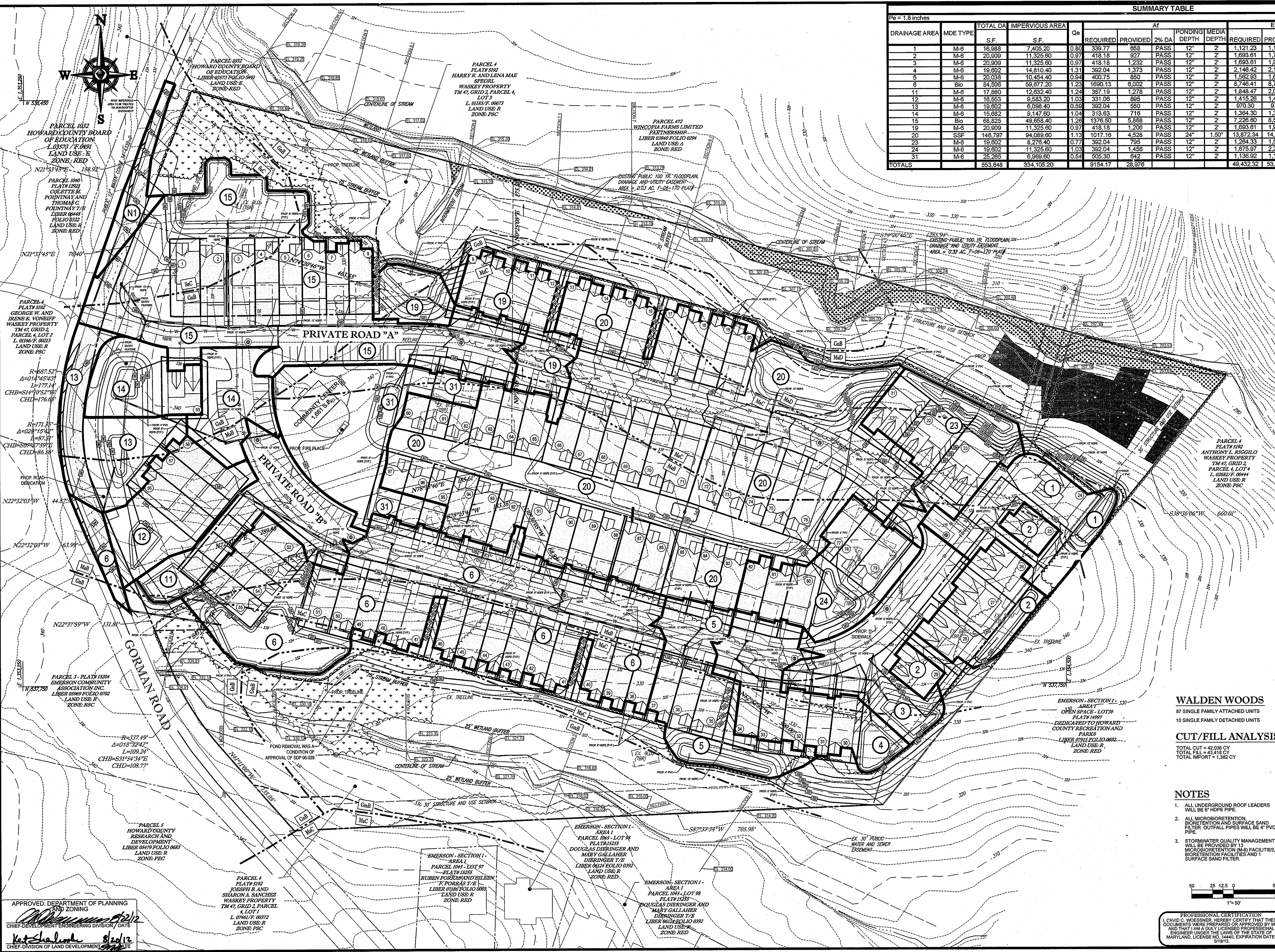
DEVELOPER:		
ELM STREET DEVELOPMENT	ELLICOTT CITY OFFICE	
1355 BEVERLY ROAD, SUITE 240	5074 DORSEY HALL ROAD, SUITE 205	
MCLEAN, VIRGINIA 22101	ELLICOTT CITY, MARYLAND 21042	
(703) 734-9730	(410) 720-3021	

PROJECT:	
WALDEN WOODS	LOTS 1-97
TAX MAP: 47	GRID: 2
PARCEL: 4, PARCEL "A"	ZONED: PSC
6TH ELECTION DISTRICT, HOWARD COUNTY, MARYLAND	
TITLE	COVER SHEET

DESIGNED BY:	
MJG	
DRAWN BY:	RMS
PROJECT NO.:	MD112149
DATE:	8/14/12
SCALE:	AS NOTED
PROFESSIONAL ENGINEER NO. 14440	DRAWING NO. 1 OF 3

APPROVED: DEPARTMENT OF PLANNING AND ZONING  
 CHIEF DEVELOPMENT ENGINEERING DIVISION DATE  
 CHIEF DIVISION OF LAND DEVELOPMENT DATE

PROFESSIONAL CERTIFICATION  
 I, DAVID C. WOESSNER, 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. 14440, EXPIRATION DATE: 8/19/13.

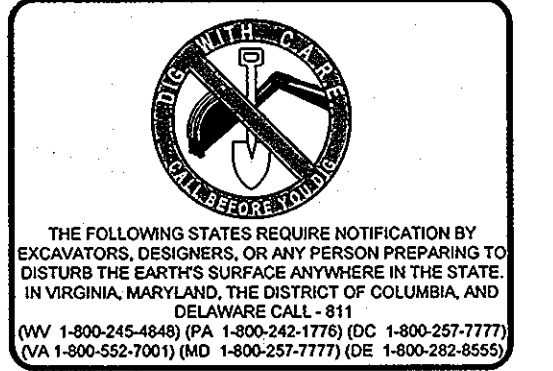


**SUMMARY TABLE**

Pe = 1.8 inches

DRAINAGE AREA	MDE TYPE	TOTAL DA		ImperVIOUS AREA	Qe	Af		PONDING DEPTH	MEDIA DEPTH	ESDv		Pe	Rev	
		S.F.	S.F.			REQUIRED	PROVIDED			REQUIRED	PROVIDED		REQUIRED	PROVIDED
1	M-6	16,988	7,405.20	0.80	339.77	858	PASS	12"	2"	1,121.23	1,145.33	PASS	1.83"	131.6
2	M-6	20,909	11,325.60	0.97	418.18	927	PASS	12"	2"	1,693.61	1,708.00	PASS	1.82"	185.4
3	M-6	20,909	11,325.60	0.97	418.18	1,232	PASS	12"	2"	1,693.61	1,961.56	PASS	2.09"	246.4
4	M-6	19,602	14,810.40	1.31	392.04	1,373	PASS	12"	2"	2,146.42	2,158.00	PASS	1.81"	274.5
5	M-6	20,038	10,454.40	0.84	403.75	850	PASS	12"	2"	1,582.93	1,624.80	PASS	1.87"	170.0
6	Bio	84,506	59,677.20	1.23	1690.13	6,002	PASS	12"	2"	8,746.41	8,780.00	PASS	1.82"	1200.5
11	M-6	17,860	12,832.40	1.24	357.19	1,278	PASS	12"	2"	1,848.47	2,015.80	PASS	1.97"	255.6
12	M-6	16,553	9,583.20	1.03	331.06	895	PASS	12"	2"	1,415.26	1,466.56	PASS	1.86"	179.0
13	M-6	19,602	6,098.40	0.89	392.04	550	PASS	12"	2"	970.30	972.33	PASS	1.80"	110.0
14	M-6	15,682	9,147.60	1.04	313.63	716	PASS	12"	2"	1,364.30	1,368.67	PASS	1.82"	143.2
15	Bio	68,825	49,688.40	1.26	1376.50	5,868	PASS	12"	2"	7,226.60	8,692.41	PASS	2.14"	1173.5
19	M-6	20,909	11,325.60	0.97	418.18	1,206	PASS	12"	2"	1,693.61	1,910.67	PASS	2.04"	241.2
20	SSF	146,797	94,089.60	1.13	1017.16	4,528	PASS	24"	1.50"	13,872.34	14,656.43	PASS	1.91"	905.6
23	M-6	19,602	8,276.40	0.77	392.04	795	PASS	12"	2"	1,264.33	1,666.67	PASS	2.23"	159.0
24	M-6	19,602	11,325.60	1.03	392.04	1,456	PASS	12"	2"	1,675.97	2,270.93	PASS	2.44"	291.2
31	M-6	25,285	8,969.60	0.54	505.30	642	PASS	12"	2"	1,136.92	1,142.00	PASS	1.82"	128.4
<b>TOTALS</b>		<b>553,648</b>	<b>334,105.20</b>		<b>9154.17</b>	<b>28,976</b>				<b>49,432.32</b>	<b>53,348.15</b>		<b>5.444</b>	<b>5795.3</b>

Rev REQUIREMENT CALCULATION BASED ON ENTIRE SITE AND IS PROVIDED VIA 6" STONE STORAGE BELOW THE SPECIFIC FACILITIES.



THE FOLLOWING STATES REQUIRE NOTIFICATION BY EXCAVATORS, DESIGNERS, OR ANY PERSON PREPARING TO DISTURB THE EARTH'S SURFACE ANYWHERE IN THE STATE OF VIRGINIA, MARYLAND, THE DISTRICT OF COLUMBIA, AND THE FEDERAL DISTRICT OF MARYLAND: (1) THE DISTRICT OF COLUMBIA (BY 1400-257-7777) (2) MARYLAND (BY 1-800-257-7777) (3) VIRGINIA (BY 1-800-552-7001) (MD 1-800-257-7777) (DC 1-800-257-7777)

NO.	DATE	REVISION DESCRIPTION
OWNER:	LOT 1 SHARON & JOSEPH SANCHEZ 9880 GORMAN ROAD LAUREL, MD 20723 (301) 595-4531	LOT 3 LENA & HARRY SPOERL 9910 GORMAN ROAD LAUREL, MD 20723 (301) 498-7914
DEVELOPER:	ELM STREET DEVELOPMENT MAIN OFFICE 1355 BEVERLY ROAD, SUITE 240 MCLEAN, VIRGINIA 22101 (703) 734-9730	ELLIOTT CITY OFFICE 8074 DORSEY HALL ROAD, SUITE 205 ELLIOTT CITY, MARYLAND 21042 (410) 720-3021
PROJECT:	<b>WALDEN WOODS</b> 10 SINGLE FAMILY DETACHED UNITS LOTS 1-97	
TITLE:	<b>ENVIRONMENTAL CONCEPT PLAN</b>	

**WALDEN WOODS**  
87 SINGLE FAMILY ATTACHED UNITS  
10 SINGLE FAMILY DETACHED UNITS

**CUT/FILL ANALYSIS**  
TOTAL CUT = 42,036 CY  
TOTAL FILL = 43,418 CY  
TOTAL IMPORT = 1,382 CY

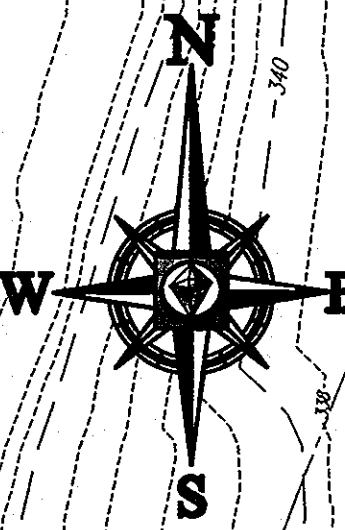
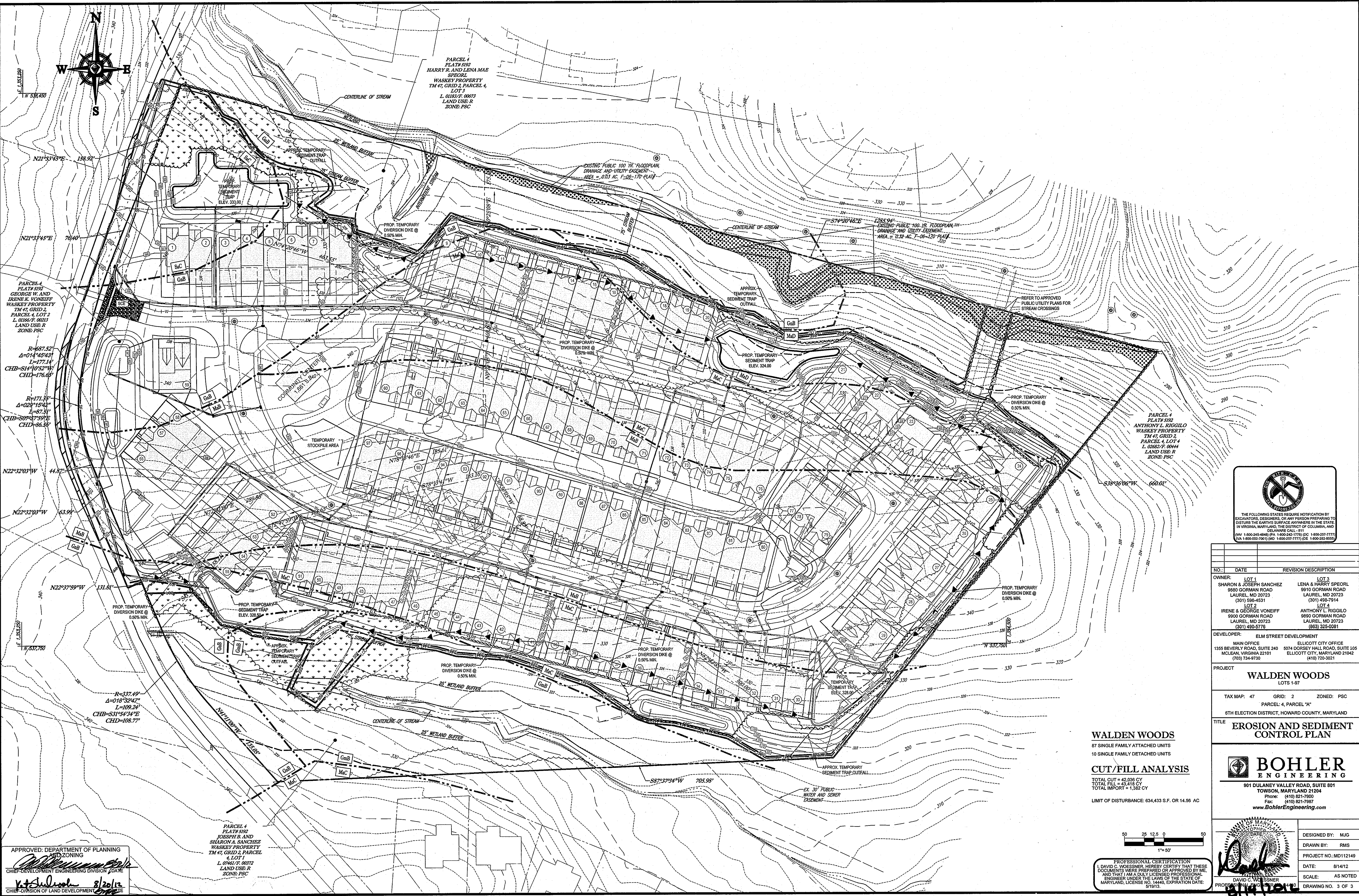
- NOTES**
- ALL UNDERGROUND ROOF LEADERS WILL BE 6" HDPE PIPE.
  - ALL MICROBIOTENTION, BIOTENTION AND SURFACE SAND FILTER: OUTFALL PIPES WILL BE 4" PVC PIPE.
  - STORMWATER QUALITY MANAGEMENT WILL BE PROVIDED BY 13" MICROBIOTENTION (M-6) FACILITIES, 2 BIOTENTION FACILITIES AND 1 SURFACE SAND FILTER.

PROFESSIONAL CERTIFICATION  
I, DAVID C. WOESSNER, HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A FULLY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 14449, EXPIRATION DATE: 5/31/13.

**BOHLER ENGINEERING**  
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TOWSON, MARYLAND 21284  
Phone: (410) 821-7900  
Fax: (410) 821-7987  
www.BohlerEngineering.com

DESIGNED BY: MJG
DRAWN BY: RMS
PROJECT NO.: MD112149
DATE: 8/14/12
SCALE: AS NOTED
DRAWING NO.: 2 OF 3

APPROVED: DEPARTMENT OF PLANNING AND ZONING  
CHIEF DEVELOPMENT ENGINEERING DIVISION / DATE  
*Kat Shalinski* 8/21/12  
CHIEF DIVISION OF LAND DEVELOPMENT / DATE



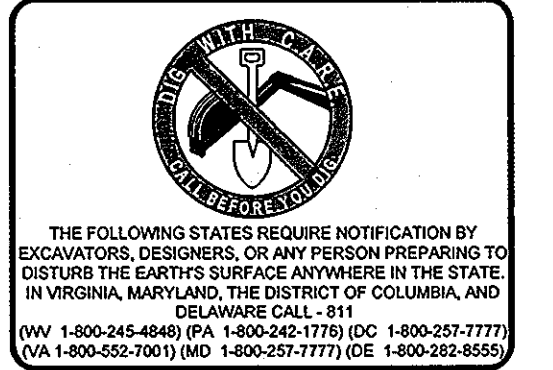
PARCEL 4  
PLAT 512  
HARRY R. AND LENA MAE SPEORL  
WASKEY PROPERTY  
TM 47, GRID 2, PARCEL 4,  
LOT 3  
L. 01815/F. 0673  
LAND USE: R  
ZONE: FSC

PARCEL 4  
PLAT 512  
GEORGE W. AND IRENE K. VONEIFF  
WASKEY PROPERTY  
TM 47, GRID 2,  
PARCEL 4, LOT 2  
L. 01666/F. 0013  
LAND USE: R  
ZONE: FSC

PARCEL 4  
PLAT 512  
ANTHONY L. RIGGIOLO  
WASKEY PROPERTY  
TM 47, GRID 2,  
PARCEL 4, LOT 4  
L. 02622/F. 0044  
LAND USE: R  
ZONE: FSC

PARCEL 4  
PLAT 512  
JOSEPH B. AND SHARON A. SANCHEZ  
WASKEY PROPERTY  
TM 47, GRID 2, PARCEL 4,  
LOT 1  
L. 07461/F. 0072  
LAND USE: R  
ZONE: FSC

APPROVED: DEPARTMENT OF PLANNING  
AND ZONING  
CHIEF-DEVELOPMENT ENGINEERING DIVISION (DATE)  
8/2/12



NO.	DATE	REVISION DESCRIPTION
OWNER:	LOT 1 SHARON & JOSEPH SANCHEZ 9880 GORMAN ROAD LAUREL, MD 20723 (301) 598-4531	LOT 3 LENA & HARRY SPEORL 9910 GORMAN ROAD LAUREL, MD 20723 (301) 498-7914
OWNER:	LOT 2 IRENE & GEORGE VONEIFF 8900 GORMAN ROAD LAUREL, MD 20723 (301) 490-5776	LOT 4 ANTHONY L. RIGGIOLO 9890 GORMAN ROAD LAUREL, MD 20723 (301) 325-0081
DEVELOPER:	ELM STREET DEVELOPMENT MAIN OFFICE: 1355 BEVERLY ROAD, SUITE 240 MCLAN, VIRGINIA 22101 (703) 734-9730	
DEVELOPER:	ELLCOTT CITY OFFICE 5074 DORSEY HALL ROAD, SUITE 205 ELLCOTT CITY, MARYLAND 21042 (410) 720-3021	

**WALDEN WOODS**  
LOTS 1-87

TAX MAP: 47 GRID: 2 ZONED: FSC  
PARCEL 4, PARCEL 7A  
8TH ELECTION DISTRICT, HOWARD COUNTY, MARYLAND

**EROSION AND SEDIMENT CONTROL PLAN**

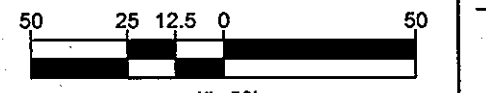
**BOHLER ENGINEERING**  
901 DULANEY VALLEY ROAD, SUITE 901  
TOWSON, MARYLAND 21284  
Phone: (410) 821-7900  
Fax: (410) 821-7987  
www.BohlerEngineering.com

DESIGNED BY: M/J
DRAWN BY: RMS
PROJECT NO.: MD112149
DATE: 8/14/12
SCALE: AS NOTED
DRAWING NO. 3 OF 3

**WALDEN WOODS**  
87 SINGLE FAMILY ATTACHED UNITS  
10 SINGLE FAMILY DETACHED UNITS

**CUT/FILL ANALYSIS**  
TOTAL CUT = 42,036 CY  
TOTAL FILL = 43,418 CY  
TOTAL IMPORT = 1,382 CY

LIMIT OF DISTURBANCE: 634,433 S.F. OR 14.56 AC



PROFESSIONAL CERTIFICATION  
I, DAVID C. WOESSNER, HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A QUALY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 14140, EXPIRATION DATE: 5/31/13.