

INDEX OF DRAWINGS

NO.	DESCRIPTION
1	SITE DEVELOPMENT PLAN
2	SEDIMENT CONTROL NOTES AND DETAILS

ADDRESS CHART

LOT	ADDRESS
1	6015 BAUMAN DRIVE

PERMIT INFORMATION BLOCK

SUBDIVISION NAME: AWILDA ACRES - LOT 1	SECTION/AREA: N/A	PARCEL: 350
PLAT NO. 20331	BLOCK(S) 12	ZONING R-12
TAX MAP NO. 37	ELECTION DISTRICT FIRST	CENSUS TRACT 601204

SOILS TABLE

SYMBOL	RATING	NAME	K FACTOR	SOIL MAP #
Fa**	(D)	FALLSINGTON SANDY LOAM, 0-2% SLOPES.	.02	20
RuB	(C)	RUSSETT-BELTSVILLE SOIL, 2-5% SLOPES.	.24	20
JoB	(D)	JACKLAND SILT LOAM, 3-8% SLOPES.	.55	20
UoF	N/A	UDORTENTS, HIGHWAY, 0 - 65% SLOPES		

SWM PRACTICES SCHEDULE

LOT #	PROPOSED PRACTICES	REQUIRED ESDV	PROVIDED ESDV
LOT 1	A-2, PERMEABLE CONCRETE PAVEMENT M-6, MICRO-BIORETENTION	483.3 CF	507.0 CF

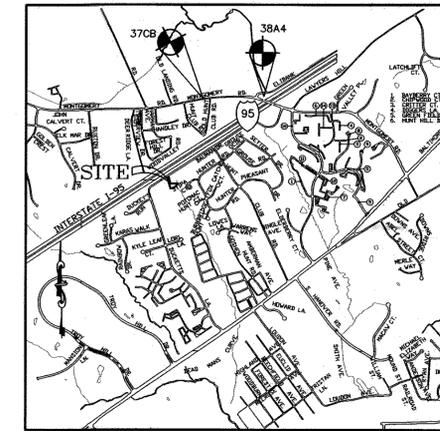
STORMWATER MANAGEMENT PRACTICES

LOT #	ADDRESS	GREEN ROOF (Y/N)	PERMEABLE PAVEMENTS (Y/N)	REINFORCED TURF (Y/N)	DISCONNECTION OF ROOFTOP RUNOFF (NUMBER)	DISCONNECTION OF NON-ROOFTOP RUNOFF (Y/N)	SHEETFLOW TO CONSERVATION AREAS (Y/N)	RAINWATER HARVESTING (NUMBER)	SUBMERGED GRAVEL WETLANDS (NUMBER)	LANDSCAPE INFILTRATION (NUMBER)	INFILTRATION BERMS (NUMBER)	DRY WELLS (NUMBER)	MICRO-BIORETENTION (NUMBER)	RAIN GARDENS (NUMBER)	SWALES (NUMBER)	ENHANCED FILTERS (NUMBER)
1	6015 BAUMAN DR.	A-1 (Y/N)	A-2 (Y/N)	A-3 (Y/N)	N-1 (NUMBER)	N-2 (Y/N)	N-3 (Y/N)	M-1 (NUMBER)	M-2 (NUMBER)	M-3 (NUMBER)	M-4 (NUMBER)	M-5 (NUMBER)	M-6 (NUMBER)	M-7 (NUMBER)	M-8 (NUMBER)	M-9 (NUMBER)

SCHEDULE A: PERIMETER LANDSCAPED EDGE

CATEGORY	ADJACENT TO PERIMETER PROPERTIES				TOTALS
	A (PERIMETER #1)	D (PERIMETER #1d)	A (PERIMETER #2)	A (PERIMETER #3)	
LANDSCAPE TYPE	95.0 LF	160.9 LF	213.92 LF	11.66 LF	
CREDIT FOR EXISTING VEGETATION (YES, NO, LINEAR FEET)	YES, 20 LF. EXISTING VEGETATION	NO	YES, 214 LF. EXISTING VEGETATION	YES, 12 LF. EXISTING VEGETATION	
NUMBER OF PLANTS REQUIRED	1 SHADE TREES 0 EVERGREEN TREES 0 SHRUBS	3 SHADE TREES 16 EVERGREEN TREES 0 SHRUBS	4 SHADE TREES 0 EVERGREEN TREES 0 SHRUBS	1 SHADE TREES 16 EVERGREEN TREES 0 SHRUBS	9 SHADE TREES 16 EVERGREEN TREES 0 SHRUBS
CREDIT FOR EXISTING VEGETATION (SHADE TREES, EVERGREEN TREES)	0 SHADE TREES 0 EVERGREEN TREES	0 SHADE TREES 0 EVERGREEN TREES	0 SHADE TREES 0 EVERGREEN TREES	0 SHADE TREES 0 EVERGREEN TREES	0 SHADE TREES 0 EVERGREEN TREES
NUMBER OF PLANTS PROVIDED (SHADE TREES, EVERGREEN TREES, SUBSTITUTION TREES, SHRUBS (10:1 SUBSTITUTION))	1 SHADE TREES 0 EVERGREEN TREES 0 SUBSTITUTION TREES 0 SHRUBS	3 SHADE TREES 16 EVERGREEN TREES 0 SUBSTITUTION TREES 0 SHRUBS	0 SHADE TREES 0 EVERGREEN TREES 0 SUBSTITUTION TREES 0 SHRUBS	0 SHADE TREES 0 EVERGREEN TREES 0 SUBSTITUTION TREES 0 SHRUBS	4 SHADE TREES 16 EVERGREEN TREES 0 SUBSTITUTION TREES 0 SHRUBS

PERIMETER #2: CREDIT TAKEN FOR 214 LF. OF EXISTING VEGETATION.
PERIMETER #3: CREDIT TAKEN FOR 12 LF. OF EXISTING VEGETATION.



VICINITY MAP

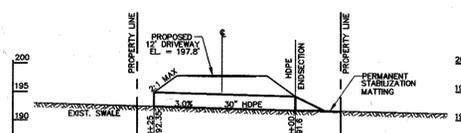
SCALE: 1"=2000'
ADC MAP: 35 GRID: B-2

NOTES:

- SITE ANALYSIS DATA:
LOCATION: TAX MAP: 37 PARCEL: 350, GRID: 12, LOT 1
ELECTION DISTRICT: FIRST
ZONING: R-12
DP2 FILE NOS. WP-04-146, WP-08-055, F-08-51, ECP 14-085, WP-15-109
TOTAL AREA: 0.44 AC.± (19,333 S.F.)
AREA OF ROAD DEDICATION: 0.28 AC.± (12,309 S.F.)
LIMIT OF DISTURBED AREA: 0.28 AC.± (12,309 S.F.)
PROPOSED USE FOR SITE: RESIDENTIAL
PARKING REQUIRED: 2.5 SPACES, PROVIDED: 4 SPACES
TOTAL NUMBER OF UNITS: 1
TYPE OF PROPOSED UNIT: SFD
- HORIZONTAL AND VERTICAL DATUMS ARE RELATED TO THE MARYLAND STATE PLANE COORDINATE SYSTEM AS PROJECTED FROM HOWARD COUNTY CONTROL STATIONS NO. 37CB AND 38A4
STA. NO. 37CB N 562,930.824 E 1,384,957.267 EL. 257.145
STA. NO. 38A4 N 562,977.654 E 1,386,288.052 EL. 223.379
- IN ACCORDANCE WITH SECTION 128 OF THE HOWARD COUNTY ZONING REGULATIONS, BAY WINDOWS, CHIMNEYS OR EXTERIOR STAIRWAYS NOT MORE THAN 16 FEET IN WIDTH MAY PROJECT NOT MORE THAN 4 FEET INTO ANY SETBACK, PORCHES OR DECKS, OPEN OR ENCLOSED, MAY PROJECT NOT MORE THAN 10 FEET INTO THE FRONT OR REAR YARD SETBACK.
- THE SUBJECT PROPERTY IS ZONED R-12 PER THE OCTOBER 6, 2013 COMPREHENSIVE ZONING PLAN.
- DRIVEWAYS SHALL BE PROVIDED PRIOR TO THE ISSUANCE OF A USE AND OCCUPANCY PERMIT FOR ANY NEW DWELLING 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 WITH TAR AND CHIP COATING (1 - 1 1/2" MIN)
-GEOMETRY - MAX. 15% GRADE, MAX. 10% GRADE CHANGE AND MIN. 45' TURNING RAD.
-STRUCTURES (CULVERTS/BRIDGES) - CAPABLE OF SUPPORTING 25 GROSS TONS (H25 LOADING)
-DRAINAGE ELEMENTS - SAFELY PASSING 100-YEAR FLOOD WITH NO MORE THAN 1 FOOT DEPTH OF THE DRIVEWAY SURFACE
-MAINTENANCE - SUFFICIENT TO ENSURE ALL WEATHER USE
- FLAG OR PIPESTEM LOTS, REFUSE COLLECTION, SNOW REMOVAL AND ROAD MAINTENANCE ARE PROVIDED TO THE JUNCTION OF THE FLAG OR PIPESTEM AND RIGHT-OF-WAY LINE AND NOT ONTO THE PIPESTEM LOT DRIVEWAY.
- THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE PROVISIONS OF SECTION 16.124 OF THE HOWARD COUNTY CODE ANNUAL LANDSCAPE MANUAL FINANCIAL SURETY IN THE AMOUNT OF \$3,600 FOR 4 SHADE TREES AND 16 EVERGREEN HAS BEEN POSTED WITH THE GRADING PERMIT.
- ON-SITE TOPOGRAPHY SHOWN HEREON IS BASED ON A FIELD RUN SURVEY CONDUCTED BY MILDENBERG, BOENDER & ASSOCIATES ON OR ABOUT MAY 2014.
- BASED ON AVAILABLE COUNTY DATA, NO HISTORIC STRUCTURES OR BURIAL GROUNDS EXIST ON SITE.
- THE PROPERTY IS LOCATED WITHIN THE METROPOLITAN DISTRICT. PUBLIC WATER AND SEWER WILL BE UTILIZED UNDER CONTRACT # 510-W AND 110-1241 SEWER. EXISTING UTILITIES ARE BASED ON ACTUAL FIELD LOCATIONS, IN COMBINATION WITH EXISTING WATER AND SEWER CONTRACTS.
- SEWER HOUSE CONNECTION ELEVATIONS SHOWN ARE LOCATED AT THE PROPERTY LINE OR EASEMENT LINE.
- THE CONTRACTOR SHALL NOTIFY THE FOLLOWING UTILITIES OR AGENCIES AT LEAST 48 HOURS PRIOR TO EXCAVATION WORK BEING DONE:
MISS UTILITY 800-257-7777
VERIZON TELEPHONE COMPANY (410) 725-9976
HOWARD COUNTY BUREAU OF UTILITIES (410) 313-4900
AT&T CABLE LOCATION DIVISION (410) 393-3533
BALTIMORE GAS AND ELECTRIC (410) 685-0123
STATE HIGHWAY ADMINISTRATION (410) 531-5533
- THE CONTRACTOR SHALL NOTIFY THE DEPARTMENT OF PUBLIC WORKS/BUREAU OF ENGINEERING/CONSTRUCTION INSPECTION DIVISION AT (410) 313-1800 AT LEAST FIVE (5) WORKING DAYS PRIOR TO THE START OF WORK.
- WETLANDS, FLOODPLAIN, STREAMS AND THEIR BUFFERS ARE SHOWN HEREON BASED ON A RECORD PLAT ENTITLED AWILDA ACRES - LOTS 1 & 2 AND RECORDED AS PLAT NO. 20331 (F-08-51). WETLANDS AND STREAM ALSO FIELD VERIFIED BY ECO-SCIENCE PROFESSIONALS, INC. ON OR ABOUT JUNE 6, 2014.
- THIS PROJECT IS EXEMPT FROM THE REQUIREMENTS OF SECTION 16.1200 OF THE HOWARD COUNTY CODE FOR FOREST CONSERVATION IN ACCORDANCE WITH SECTION 16.1202(b)(1)(i) BECAUSE IT IS A SINGLE LOT SMALLER THAN 40,000 SQUARE FEET.
- EXISTING UTILITIES SHOWN HEREON WERE FIELD VERIFIED ON OR ABOUT APRIL 2014.
- ANY DAMAGE TO THE COUNTY'S RIGHT-OF-WAY SHALL BE CORRECTED AT THE DEVELOPER'S EXPENSE.
- FOR DRIVEWAY ENTRANCE DETAILS REFER TO THE HOWARD COUNTY DESIGN MANUAL, VOLUME IV, STANDARD DETAIL R-6.06.
- NO GRADING, REMOVAL OF VEGETATIVE COVER OR TREES, PAVING AND NEW STRUCTURES SHALL BE PERMITTED WITHIN THE LIMITS OF WETLANDS, STREAMS OR THEIR BUFFER, FLOODPLAIN AND FOREST CONSERVATION EASEMENT AREA.
- THE ENTIRE LOT IS WITHIN AN UNMITIGATED 65 dBA NOISE ZONE AS SHOWN ON A RECORD PLAT ENTITLED AWILDA ACRES - LOTS 1 & 2 AND RECORDED AS PLAT NO. 20331 (F-08-51).
- PREVIOUS FILE NUMBERS, WP-04-146, WHICH REQUESTED A WAIVER OF SECTION 16.102(c)(2) OF THE SUBDIVISION REGULATION, AND WAS DENIED ON JULY 14, 2004, WP-08-055, WHICH REQUESTED A WAIVER OF SECTION 16.120(b)(5)(i) AND 16.120(b)(4)(ii) OF THE SUBDIVISION REGULATION AND WAS APPROVED SUBJECT TO THE FOLLOWING CONDITIONS: THE UNMITIGATED 65 dBA NOISE LINE IS TO BE SHOWN HEREON, NOISE MITIGATION SHALL BE REQUIRED AT THE TIME OF SITE DEVELOPMENT PLAN SUBMISSION FOR LOT 1. THE FRONT OF THE PROPOSED HOUSE ON LOT 1 SHALL FACE NORTHWARD TO MODERATE NOISE LEVELS IN THE REAR YARD, AND A 35' ENVIRONMENTAL SETBACK FROM THE STREAM BANK BUFFER IS TO BE SHOWN HEREON.
- THE 65 dBA NOISE CONTOUR LINE DRAWN ON THIS DEVELOPMENT PLAN IS ADVISORY AS REQUIRED BY THE HOWARD COUNTY DESIGN MANUAL, CHAPTER 5, REVISED FEBRUARY, 1992, AND CANNOT BE CONSIDERED TO EXACTLY LOCATE THE 65 dBA NOISE EXPOSURE. THE 65 dBA NOISE LINE WAS ESTABLISHED BY HOWARD COUNTY TO ALERT DEVELOPERS, BUILDERS AND FUTURE RESIDENTS THAT AREAS BEYOND THIS THRESHOLD MAY EXCEED GENERALLY ACCEPTED NOISE LEVELS ESTABLISHED BY THE U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT.

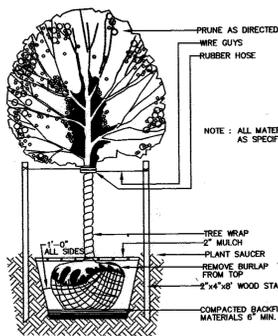
LEGEND

- SOIL BORING
- IRON PIPE/ROD FOUND
- EX. POWER POLE
- OVERHEAD ELEC.
- EX. SANITARY MH
- CLEAN OUT
- WATER METER
- FIRE HYDRANT
- MINOR CONTOUR
- MAJOR CONTOUR
- STABILIZED CONSTRUCTION ENTRANCE
- LIMITS OF DISTURBANCE
- EXISTING TREELINE
- PROPOSED TREELINE
- SUPER SILT FENCE
- SILT FENCE
- DIVERSION FENCE
- EX. SEWER EASEMENT
- M-3
- RuB
- JoB
- PERENNIAL STREAM
- PUBLIC 100-YEAR FLOODPLAIN, DRAINAGE & UTILITY EASEMENT
- WETLAND



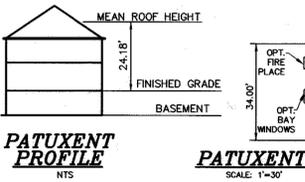
CULVERT PROFILE

NOT TO SCALE



TYPICAL DECIDUOUS TREE PLANTING DETAIL

NOT TO SCALE



PATUXENT PROFILE

PATUXENT

SCALE: 1"=30"

TYPICAL EVERGREEN TREE PLANTING DETAIL

NOT TO SCALE

NOTES: Continued

- PREVIOUS FILE NUMBERS: WP-15-109, WHICH REQUESTED A WAIVER OF SECTION 16.120(b)(5)(i) OF THE SUBDIVISION REGULATION AND WAS APPROVED ON MARCH 9, 2015 AND SUBJECT TO THE FOLLOWING CONDITIONS: 1. NOISE ATTENUATION BUILDING MATERIALS SUCH AS INSULATED SIDING, TRIPLE PANE WINDOWS, INSULATED DOORS, ETC. SHALL BE USED IN THE CONSTRUCTION OF THE PROPOSED HOUSE TO REDUCE THE NOISE LEVEL TO BELOW 45 dBA IN THE INTERIOR OF THE HOUSE. 2. THE PROPOSED HOUSE LOCATED ON LOT 1 SHALL BE SITUATED SO THAT FRONT IS ORIENTED NORTHWARD TO FURTHER MODERATE THE NOISE LEVEL IN THE REAR YARD.

DEVELOPER'S/OWNER'S CERTIFICATE

I/WE CERTIFY THAT THE LANDSCAPING SHOWN ON THIS PLAN WILL BE DONE ACCORDING TO THE PLAN, SECTION 16.124 OF THE HOWARD COUNTY CODE, AND THE HOWARD COUNTY LANDSCAPE MANUAL. I/WE FURTHER CERTIFY THAT UPON COMPLETION, A CERTIFICATION OF LANDSCAPE INSTALLATION, ACCOMPANIED BY AN EXECUTED ONE YEAR GUARANTEE OF PLANT MATERIALS, WILL BE SUBMITTED TO THE DEPARTMENT OF PLANNING AND ZONING.

OWNER: [Signature] DATE: _____

DEVELOPERS CERTIFICATE
I CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT.
[Signature] DATE: 7/27/15
THOMAS BURKARD
PRINTED NAME OF DEVELOPER

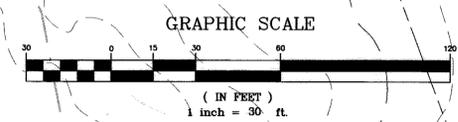
ENGINEER'S CERTIFICATE
I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.
[Signature] DATE: 7/24/15
R. JACOB HIKMAT P.E.
PRINTED NAME OF ENGINEER

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
[Signature] DATE: 8/5/15
HOWARD SOIL CONSERVATION DISTRICT

APPROVED: DEPARTMENT OF PLANNING AND ZONING
CHIEF, DEVELOPMENT ENGINEERING DIVISION
[Signature] DATE: 10-9-15
CHIEF, DIVISION OF LAND DEVELOPMENT
[Signature] DATE: 10-14-15
DIRECTOR



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. 17942, EXP. DATE 9/3/16.
OWNER / DEVELOPER
BURKARD HOMES, LLC
5300 DORSEY HALL DRIVE
ELLCOTT CITY, MD 21044
(443) 367-0422
R. JACOB HIKMAT P.E. DATE: 7/24/2015



GRAPHIC SCALE

(IN FEET)
1 inch = 30 ft.

LANDSCAPE REQUIREMENT PLANTING SCHEDULE

QUANTITY	SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE
4	(Symbol)	ACER RUBRUM 'RED SUNSET' OR EQUIVALENT AS OUTLINED IN THE HO. CO. LANDSCAPE MANUAL	RED SUNSET RED MAPLE OR EQUIVALENT AS OUTLINED IN THE HO. CO. LANDSCAPE MANUAL	2 1/2" - 3" CAL.
14	(Symbol)	THUJA PLICATA OR EQUIVALENT AS OUTLINED IN THE HO. CO. LANDSCAPE MANUAL	GREEN GANT ARBORVITAE OR EQUIVALENT AS OUTLINED IN THE HO. CO. LANDSCAPE MANUAL	5' - 6' HEIGHT
2	(Symbol)	THUJA OCCIDENTALIS OR EQUIVALENT AS OUTLINED IN THE HO. CO. LANDSCAPE MANUAL	EMERALD ARBORVITAE OR EQUIVALENT AS OUTLINED IN THE HO. CO. LANDSCAPE MANUAL	6' - 8' HEIGHT

Project: 14-007
Date: JUL 2015
Scale: 1"=30'
Approval: MAM

Revisions:
1. REV. GRADING, HOUSE EXTENSIONS TO PERFECT ADJACENT LOT S.
2. REV. PERIMETER ADJUSTMENTS TO 12' (1/2) G.
DATE: 12/2/15

AWILDA ACRES - LOT 1
6015 BAUMAN DR. ELK RIDGE, MD 21075 - SINGLE FAMILY DETACHED
TAX MAP 37, GRID 12, PARCEL 350
HOWARD COUNTY, MARYLAND
FIRST ELECTION DISTRICT
SITE DEVELOPMENT PLANS

MILDENBERG, BOENDER & ASSOC., INC.
Engineers Planners Surveyors
7350-B Grace Drive, Columbia, Maryland 21044
(410) 997-0296 Fax
1 OF 2

