

SHEET INDEX	
SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	SUPPLEMENTAL, LANDSCAPE AND SOIL PLAN

DRY WELL CHART						
DRYWELL NO.	AREA OF ROOF PER DOWN SPOUT	VOLUME REQUIRED	VOLUME PROVIDED	AREA OF TREATMENT	L	W D
NORTH	960 SQ. FT.	107 C.F.	112 C.F.	100%*	8'	7' x 5'

\* AREA OF TREATMENT EXCEEDS THAT REQUIRED.

SOILS LEGEND			
SOIL	NAME	CLASS	K FACTOR
Q1b	Gladstone - Urban land complex, 0 to 8 percent slopes	A	0.20
Q1c	Gladstone - Urban land complex, 8 to 15 percent slopes	A	0.20
Q1d	Glenville - Urban land udorthents complex, 0 to 8 per. slopes	C	0.37

STORMWATER MANAGEMENT SUMMARY			
AREA ID.	ESDV REQUIRED CU.FT.	ESDV PROVIDED CU.FT.	REMARKS
SITE	618	760	DRY WELLS (M-5) & MICRO-BIORETENTION (M-6)
TOTAL	618	760	

GROSS AREA = 0.532 AC. (LOT 126) 1.029 AC. (TOTAL)  
 LOD = 0.46 ACRES (20,100 SQ.FT.)  
 RCN = 38.6  
 TARGET Pe = 1.4"

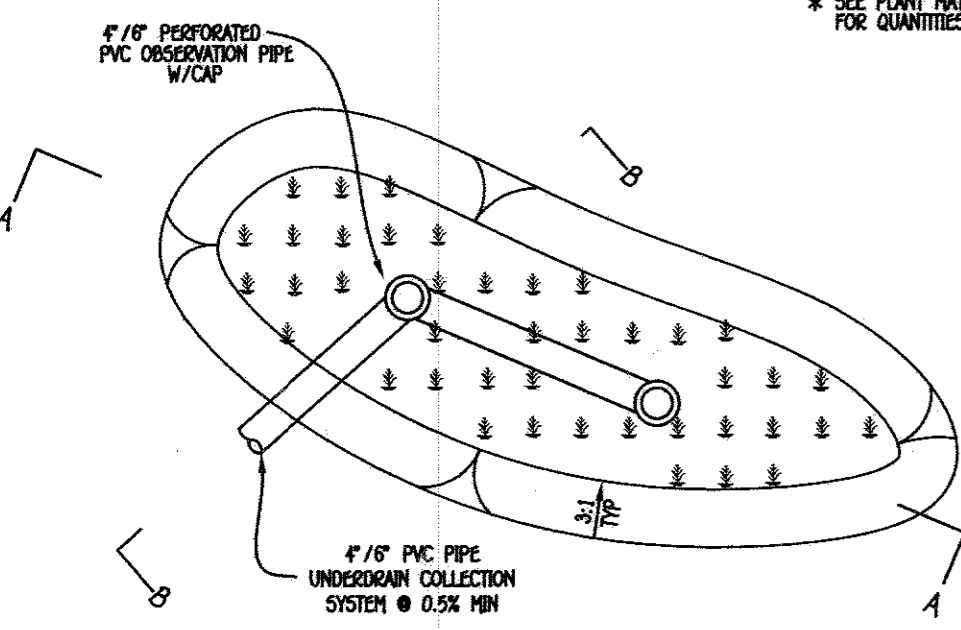
MICRO-BIORETENTION / BIORETENTION									
BIORETENTION FILTER	A	B	C	D	E	F	G	H	I
LOT 126	361.0	361.0	360.0	359.75	358.25	358.0	357.67	357.5	375.33

MICRO-BIORETENTION PLANT MATERIAL		
MICRO-BIO QUANTITY	NAME	MAXIMUM SPACING (FT.)
40	MIXED PERENNIALS	1.5 TO 3.0 FT.
1	SILKY DOGWOOD	PLANT AWAY FROM INFLOW LOCATION

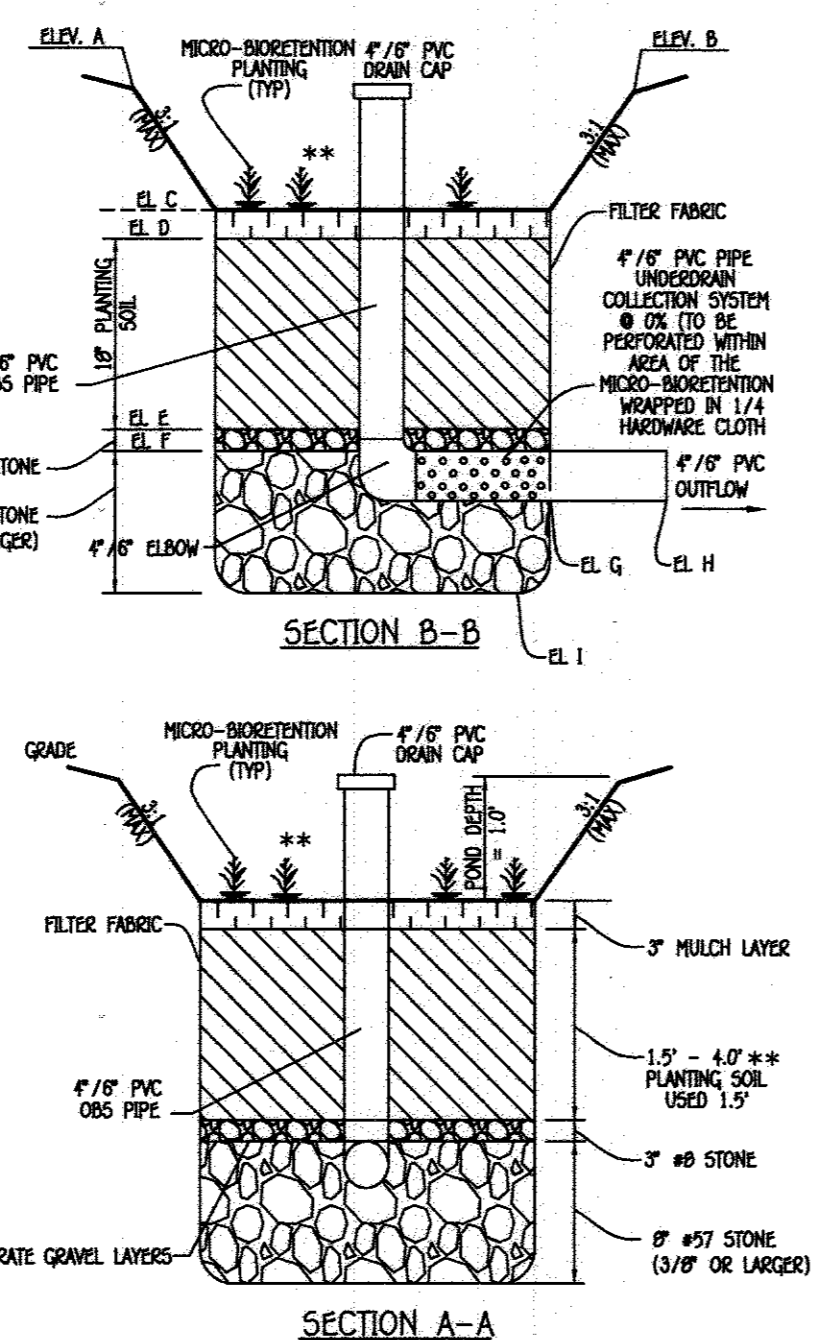
MIXED PERENNIALS  
 CUT-LEAF CONIFER (1.5' SP.)  
 BEZALM (1.5' SP.)  
 JOE-PYE-WEED (3' SP.)

SILKY DOGWOOD

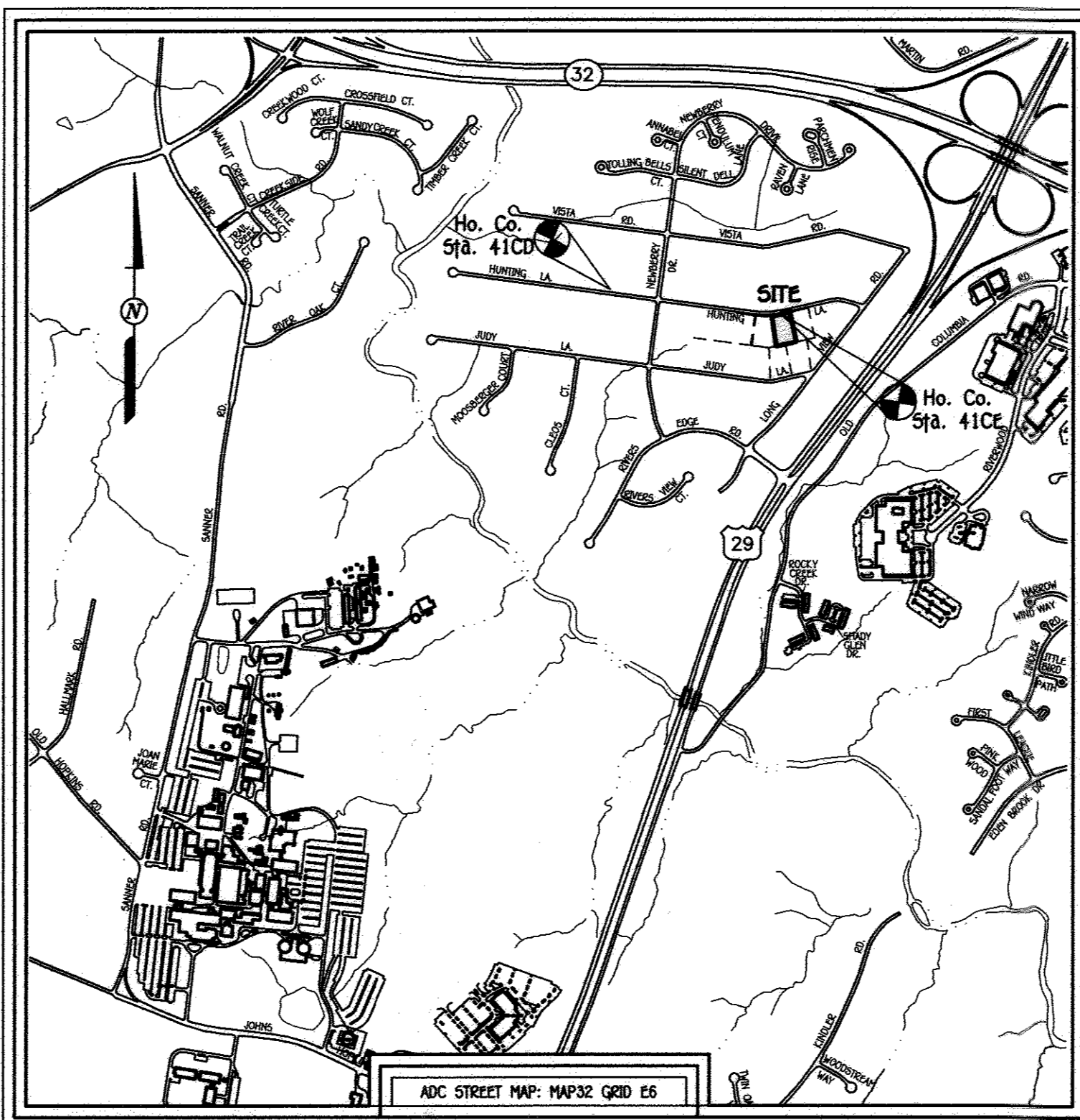
NOTE: PLANT MATERIAL MUST COVER AT LEAST 50% OF THE SURFACE AREA OF THE MICRO-BIORETENTION



MICRO-BIORETENTION PLANTING DETAIL NOT TO SCALE



MICRO-BIORETENTION DETAIL (M-6) NOT TO SCALE



VICINITY MAP SCALE: 1" = 1200'

STORMWATER MANAGEMENT NOTES

- STORMWATER MANAGEMENT IS PROVIDED IN ACCORDANCE WITH CHAPTER 5, "ENVIRONMENTAL SITE DESIGN" OF THE 2007 MARYLAND STORMWATER MANAGEMENT DESIGN MANUAL, EFFECTIVE MAY 4, 2010.
- MAXIMUM CONTRIBUTING ROOF TOP AREA TO EACH DOWNSPOUT SHALL BE 1,000 SQ. FT. OR LESS.
- DRYWELLS SHALL BE PROVIDED AT LOCATIONS WHERE THE LENGTH OF DISCONNECTION IS LESS THAN 75' AT 5%. THE SIZE AND CONSTRUCTION OF THE DRYWELL SHALL BE IN ACCORDANCE WITH THE DETAIL SHOWN ON THIS SHEET.
- FINAL GRADING IS SHOWN ON THIS SITE DEVELOPMENT PLAN.

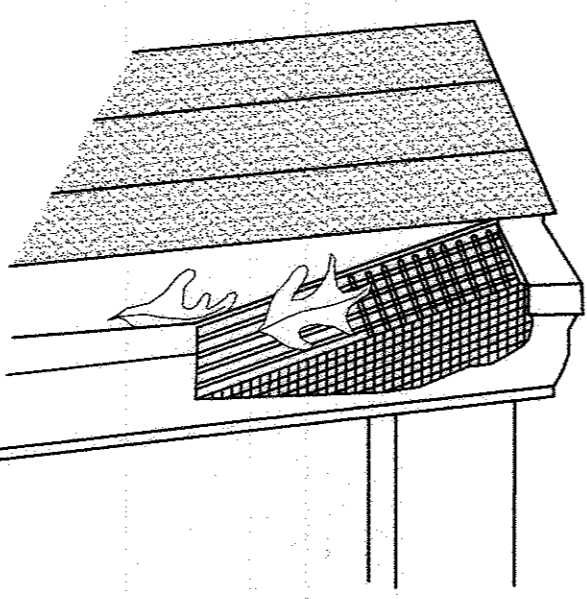
BENCHMARK INFORMATION

B.M.#1 - HOWARD COUNTY CONTROL STATION #41CD - HORIZONTAL - NAD '83 (LOCATED ON THE NORTH SIDE OF HUNTING LANE WEST OF NEWBERRY DRIVE)  
 N 550,540.8950 E 1,344,388.3850  
 ELEVATION = 347.74 - VERTICAL - (NAVD '86)

B.M.#2 - HOWARD COUNTY CONTROL STATION #41CE - HORIZONTAL - NAD '83 (LOCATED ON THE SOUTH SIDE OF HUNTING LANE)  
 N 550,340.9790 E 1,345,292.2830  
 ELEVATION = 371.34 - VERTICAL - (NAVD '86)

OPERATION & MAINTENANCE SCHEDULE FOR PRIVATELY OWNED AND MAINTAINED DRY WELLS (M-5)

- THE OWNER SHALL INSPECT THE MONITORING WELLS AND STRUCTURES ON A QUARTERLY BASIS AND AFTER EVERY HEAVY STORM EVENT.
- THE OWNER SHALL RECORD THE WATER LEVELS AND SEDIMENT BUILD UP IN THE MONITORING WELLS OVER A PERIOD OF SEVERAL DAYS TO ENSURE TRENCH DRAINAGE.
- THE OWNER SHALL MAINTAIN A LOG BOOK TO DETERMINE THE RATE AT WHICH THE FACILITY DRAINS.
- WHEN THE FACILITY BECOMES CLOGGED SO THAT IT DOES NOT DRAIN DOWN WITHIN A SEVENTY-TWO (72) HOUR TIME PERIOD, CORRECTIVE ACTION SHALL BE TAKEN.
- THE MAINTENANCE LOG BOOK SHALL BE AVAILABLE TO HOWARD COUNTY FOR INSPECTION TO INSURE COMPLIANCE WITH OPERATION AND MAINTENANCE CRITERIA.
- ONCE THE PERFORMANCE CHARACTERISTICS OF THE INFILTRATION FACILITY HAVE BEEN VERIFIED, THE MONITORING SCHEDULE CAN BE REDUCED TO AN ANNUAL BASIS UNLESS THE PERFORMANCE DATA INDICATES THAT A MORE FREQUENT SCHEDULE IS REQUIRED.



GUTTER DRAIN FILTER DETAIL NOT TO SCALE

Table B.4. Materials Specifications for Micro-Bio-retention, Rain Gardens & Landscape Infiltration

Material	Specification	Size	Notes
Plantings	see Appendix A Table A.4	n/a	plants are site-specific
Planting soil (2" to 4" deep)	loam sand 60-65% compost 35-40% or sandy loam 30% course 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)	n/a	
Mulch	shredded hardwood	aged 6 months, minimum	
Pea gravel diaphragm	pea gravel: ASTM-D-448	No. 8 or No. 9 (1/8" to 3/8")	
Curbside drain	ornamental stone: washed cobbles	stone: 2" to 3"	
Geotextile	n/a	n/a	PE Type 1 nonwoven
Gravel (underdrains and infiltration berms)	AGSHTO M-43	n/a	
Underdrain piping	F 750, Type PS 28 or AGSHTO M-278	4" to 6" rigid schedule 40 PVC or 50835	slotted or perforated pipe; 3/8" per. @ 8" on center; 4 holes per row; minimum of 3" of gravel over pipes; not necessary underdrain pipes. Perforated pipe shall be wrapped with 1/4 inch geotextile fabric
Poured in place concrete (if required)	MSHA Min No. 3; f = 3500 psi; 28 days, normal weight, air-entrained, referring to meet ASTM-615-60	n/a	on-site testing of poured-in-place concrete required: 28 day strength and slump test; all concrete design (cast-in-place or pre-cast) not using precast approved site or local materials requires design drawings sealed and approved by a professional structural engineer licensed in the State of Maryland - design to include meeting ACI Code 350.8/809; vertical loading 10-10 or H-50; allowable horizontal loading (based on soil pressure); and analysis of potential cracking
Sand	AGSHTO-M-6 or ASTM-C-33	0.02" to 0.04"	sand substitutions such as Diabase and Gneiss (AGSHTO) #10 are not acceptable. No calcium chlorinated or dolomitic sand substitutions are acceptable. No "rock dump" can be used for sand.

OWNER

Mark M. Wheeler & Patricia C. Wheeler  
 10617 Hunting Lane  
 Columbia, MD 21044  
 Tel: 410-591-6207

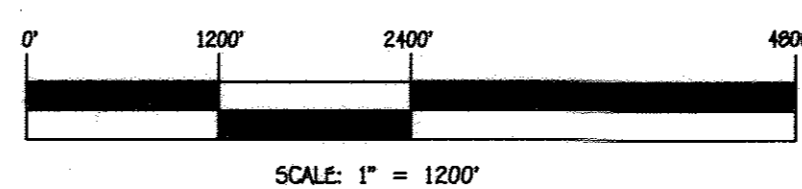
APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

*Karl Schuler*  
 Chief, Division of Land Development J.W.  
 Date: 6-20-17

PROFESSIONAL CERTIFICATION

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL LAND SURVEYOR UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 21351. EXPIRATION DATE: 07/15/2017.

*Todd M. Hill*  
 Todd M. Hill, Professional Land Surveyor  
 Date: 6-19-17



LEGEND			
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
(dashed line)	EXISTING 2' CONTOURS	(dashed line)	PROPOSED CONTOUR
(dashed line)	EXISTING 10' CONTOURS	(dot)	SPOT ELEVATION
(line with dots)	SOILS LINES AND TYPE	(line with dots)	LIMITS OF DISTURBANCE
(line with dots)	EXISTING TREELINE	(line with dots)	DRAINAGE AREA DIVIDE
(circle with cross)	INDIVIDUAL TREES & SHRUBS	(line with cross)	SILT FENCE
(line with cross)	EXISTING FENCE LINE	(line with cross)	EROSION CONTROL MATING
(line with cross)	EXISTING & PROPOSED PAVING	(line with cross)	STABILIZES CONSTRUCTION ENTRANCE

GENERAL NOTES

- Subject Property Zoned R-20 Per 10/06/13 Comprehensive Zoning Plan.
- Coordinates Based On NAD '83, Maryland Coordinate System As Projected By Howard County Geodetic Control Stations No. 41CD And No. 41CE.  
 Sta. 41CD N 550,540.8950 E 1,344,388.3850 Elev. = 347.74  
 Sta. 41CE N 550,340.9790 E 1,345,292.2830 Elev. = 371.34
- This Plan Is Based On Field Run Monumented Boundary Survey Performed On Or About May, 2016 By Fisher, Collins And Carter, Inc.
- B.R.L. Denotes Building Restriction Line
- Denotes Iron Pin Set Capped "F.C.C. 106"
- Denotes Iron Pipe Or Iron Bar Found
- Denotes Angular Change In Bearing Of Boundary Or Rights-Of-Way.
- Denotes Concrete Monument Set With Aluminum Plate "F.C.C. 106"
- Denotes Concrete Monument Or Stone Found.
- All Areas Are More Or Less (L)
- Distances Shown Are Based On Surface Measurement And Not Reduced To NAD '83 Grid Measurement.
- For Flag Or Pipe Stem Lots, Refuse Collection, Snow Removal And Road Maintenance Are Provided To The Junction Of Flag Or Pipe Stem And Road Right-Of-Way Line Only And Not Onto The Flag Or Pipe Stem Lot Driveway.
- 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:  
 a). Width - 12 Feet (16 Feet Serving More Than One Residence);  
 b). Surface - Six (6") Inches Of Compacted Crusher Run Base With Tar And Chip Coating, (1 - 1/2" Minimum);  
 c). Geometry - Maximum 15% Grade, Maximum 10% Grade Change And 45-Foot Turning Radius;  
 d). Structure - Capable Of Supporting 25 Gross Tons (025-Loading);  
 e). Drainage Elements - Capable Of Safely Passing 100 Year Flood With No More Than 1 Foot Depth Over Surface;  
 f). Structure Clearance - Minimum 12 Feet;  
 g). Maintenance - Sufficient To Ensure All Weather Use.
- Property Subject To Prior Department Of Planning And Zoning File No's: ECP-17-010 And WP-17-090.
- No Cemeteries Exist On The Subject Property Based On Visual Observation Or Listed In Available Howard County Cemetery Inventory Map.
- There Is An Existing Dwelling Lot 125 To Remain. No New Buildings, Extensions Or Additions To The Existing Dwelling Are To Be Constructed At A Distance Less Than The Zoning Regulation Requirements.
- There Are No Existing Wetlands, Wetland Buffer, Stream, Stream Buffer And Floodplain Existing On-Site. See Environmental Findings Letter Prepared By Eco-Science Professionals, Inc. Dated May 13, 2016.
- Site Is Not Adjacent To A Scenic Road.
- This Project Complies With The Requirements Of Section 16.1200 Of The Howard County Code And Forest Conservation Act, To Fulfill The 0.15 Acres (6,534 Sq.Ft.) Of Afforestation Requirement, The Developer Has Paid A Fee-In-Lieu In The Amount Of \$4,900.50.
- Water And Sewer Service To These Lots Will Be Granted Under The Provisions Of Section 16.122B Of The Howard County Code.
- Public Water And Sewer Allocation Will Be Granted At The Time Of Issuance Of The Building Permit If Capacity Is Available At That Time.
- Stormwater Management Is In Accordance With The M.D.E. Storm Water Design Manual, Volumes I & II, Revised 2009. Design Practices In Accordance With Chapter 5 Are Being Utilized.
- This Plan Is In Compliance With The Amended Fifth Edition Of The Subdivision And Land Development Regulations Per Council Bill #5-2003 Amended Comprehensive Zoning Plan, Development Or Construction On These Lots Must Comply With Setback And Buffer Regulations In Effect At The Time Of Submission Of The Site Development Plan, Waiver Petition Application, Or Building/Grading Permit.
- Landscape Is Provided In Accordance With Section 16.124 Of The Howard County Code And The Landscape Manual. A Landscape Survey In The Amount Of \$5,700.00 Based On (9) shade trees @ \$300/shade tree and (20) evergreen trees @ \$150/evergreen tree will be completed with the SDP and bonded with the Building/Grading Permit.
- Site Development Plan Approval By The Department Of Planning And Zoning Is Required Prior To Building Permits Being Issued For The Construction Of Residential Dwellings On These Lots.
- This Development Is Designed To Be In Accordance With Section 16.127 - Residential Infill Development Of The Subdivision And Land Development Regulations. The Developer Of This Project Shall Create Compatibility With The Existing Neighborhood Through The Use Of Enhanced Perimeter Landscaping, Berms, Fences, Similar Housing Unit Types And The Directional Orientation Of The Proposed House. The Enhanced Landscape Buffer Has Been Provided On Lot 118 To Mitigate Views And To Address Privacy And Compatibility Concerns Expressed By The Adjacent Lot Owners At The Pre-Submission Community Meeting.
- No Noise Study Is Required Because The Project Does Not Fall Within The Guidelines Of Design Manual, Volume III, Roads, Bridges, Section 5.2.F.2.
- Speed Study Dated November, 2016 Was Prepared By Mars Group, Inc.
- Open Space Requirements Are Provided By A Fee-In-Lieu Payment Of \$1,500.00.
- A Community Meeting Was Conducted July 22, 2016 For The Purpose Of The Developer To Provide Information To The Community Regarding The Proposed Residential Development And To Allow The Community To Ask Questions And To Make Comments, Per Section 16.122(d) Of The Subdivision Regulations.
- The Traffic Study For This Project Dated April, 2016 Was Prepared By Mars Group.
- This Property Is Located Within The Metropolitan District And Will Be Served By Public Water And Sewer.
- This Property Is Subject To Section 104.14 Of The Zoning Regulations. At Least 10% Of The Dwelling Units Shall Be Moderate Income Housing Units (M.I.H.U.) Or An Alternative Compliance Will Be Provided. The Developer Shall Execute A M.I.H.U. Agreement With The Department Of Housing To Indicate How The M.I.H.U. Requirement Will Be Met. The M.I.H.U. Agreement And Covenants Will Be Recorded Simultaneously With The Plat In The Land Records Office Of Howard County, Maryland. This Development Will Meet M.I.H.U. Alternative Compliance By A Payment Of A Fee-In-Lieu To The Department Of Housing For Each Required Unit.  
 Moderate Income Housing Unit (M.I.H.U.) Tabulation:  
 a. M.I.H.U. Required = (1 Lot x 10%) = 0.1 M.I.H.U.  
 b. M.I.H.U. Proposed = Developer Will Pursue Alternative Compliance By Paying A Fee-In-Lieu To The Howard County Housing Department For The Unity Housing Required By The Development.  
 c. An Executed M.I.H.U. Agreement With The Howard County Housing Department Has Been Completed And Recorded Simultaneously With The Final Plan.
- Topography Shown Hereon Is Based On A Topographic Survey Performed By Fisher, Collins & Carter, Inc. In May, 2016 And Supplemented With Howard County GIS Topography At 5' Contour Interval Interpolated For 2' Contour Interval.
- The Private Use-In-Common Driveway Access Easement And Maintenance Agreement For Shared Driveway On Lots 125 And 126 Will Be Recorded With The Final Plat.
- No Historic Structures Exist On-Site.
- This Plan Is Subject To WP-17-090 Which On April 4, 2017 The Planning Director Approved A Request For An Alternative Compliance Of Section 16.134(a)(2)(i) - Construct One Side Of The Road To One-Half Of The Full Designated Pavement Width; Section 16.132(a)(1)(i) - In Residential Subdivisions And Site Developments, The Developer Shall Construct Sidewalks Along The Project Frontage; Section 16.135 - Street Lighting And Section 16.136 - Street Tree Requirements. Approval Is Subject To The Following Conditions:  
 1. Compliance With The Attached OED Comments Dated March 29, 2017 And Office Of Transportation Comments Dated March 9, 2017 Requiring The Payment Of A Fee-In-Lieu For The Sidewalks And Road Improvements Along The Property Frontage To Be Determined And Provided With F-17-071.  
 2. Add A General Note Referencing The File Number, Sections Requested, The Approval Date And Any Approval Conditions For WP-17-090.  
 3. The Existing Front Yard Landscape Trees Shall Remain As A Suitable Substitute For Required Street Trees.

SITE ANALYSIS DATA CHART

- TOTAL AREA OF THIS SUBMISSION = 1.029 AC.\*
- LIMIT OF DISTURBED AREA = 20,100 SQ.FT. OR 0.46 AC.\*
- PRESENT ZONING DESIGNATION = R-20 (PER 10/06/2013 COMPREHENSIVE ZONING PLAN)
- PROPOSED USE: RESIDENTIAL
- PREVIOUS HOWARD COUNTY FILES: ECP-17-010
- TOTAL AREA OF FLOODPLAIN LOCATED ON-SITE = 0.00 AC.\*
- TOTAL AREA OF MODERATE STEEP SLOPES: 15%-24.9% = 0.00 AC.\*
- TOTAL AREA OF STEEP SLOPES: 25% OR GREATER = 0.00 AC.\*
- TOTAL AREA OF WETLANDS (INCLUDING BUFFER) = 0.00 AC.\*
- TOTAL AREA OF STREAM (INCLUDING BUFFER) = 0.00 AC.\*
- TOTAL AREA OF EXISTING FOREST = 0.00 AC.\*
- TOTAL AREA OF FOREST TO BE RETAINED = 0.00 AC.\*
- TOTAL AREA OF LOTS / BUILDABLE PARCELS = 1.029 AC.\*
- TOTAL GREEN OPEN AREA = 0.833 AC.\*
- TOTAL IMPERVIOUS AREA = 0.196 AC.\*
- TOTAL AREA OF ERODIBLE SOILS = 0.02 AC.\*
- TOTAL AREA OF ROAD DEDICATION = 0.00 AC.\*

TITLE SHEET  
 SUPPLEMENTAL  
 LANDSCAPE, AND SOILS PLAN  
 HOLIDAY HILLS  
 LOT 125 & 126  
 10617 & 10619 HUNTING LANE

TAX MAP #41 GRID #5 PARCEL #273  
 FIFTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND  
 ZONED: R-20  
 SCALE: AS SHOWN DATE: JUNE 12, 2017  
 SHEET 1 OF 2

F-17-071

SOILS LEGEND			
SOIL	NAME	CLASS	K. FACTOR
QfB	Gladsstone - Urban land complex, 0 to 8 percent slopes	A	0.20
QfC	Gladsstone - Urban land complex, 8 to 15 percent slopes	A	0.20
QfD	Gladsstone - Urban land complex, 15 to 25 percent slopes	A	0.20
QfE	Gladsstone - Urban land complex, 25 to 35 percent slopes	A	0.20
QfF	Gladsstone - Urban land complex, 35 to 45 percent slopes	A	0.20
QfG	Gladsstone - Urban land complex, 45 to 55 percent slopes	A	0.20
QfH	Gladsstone - Urban land complex, 55 to 65 percent slopes	A	0.20
QfI	Gladsstone - Urban land complex, 65 to 75 percent slopes	A	0.20
QfJ	Gladsstone - Urban land complex, 75 to 85 percent slopes	A	0.20
QfK	Gladsstone - Urban land complex, 85 to 95 percent slopes	A	0.20
QfL	Gladsstone - Urban land complex, 95 to 100 percent slopes	A	0.20
QfM	Gladsstone - Urban land complex, 0 to 8 per. slopes	C	0.37



**FOREST CONSERVATION WORKSHEET  
VERSION 1.0**

BASIC SITE DATA:

A. TOTAL TRACT AREA ..... 1.03 Ac  
 B. AREA WITHIN 100 YEAR FLOODPLAIN ..... 0  
 C. NET TRACT AREA ..... 1.03 Ac

LAND USE CATEGORY: (from table 3.2.1, page 40, Manual)  
 ARA MDR IDA HDR MPD CIA

INFORMATION FOR CALCULATIONS:

D. AFFORESTATION THRESHOLD ..... 0.15% x D = 0.15  
 E. FOREST CONSERVATION THRESHOLD ..... 0.20% x D = 0.20  
 F. EXISTING FOREST COVER WITHIN NET TRACT AREA ..... 0  
 G. AREA OF FOREST ABOVE CONSERVATION THRESHOLD ..... 0

BREAK EVEN POINT:

H. FOREST RETENTION ABOVE THRESHOLD WITH NO MITIGATION ..... 0  
 I. CLEARING PERMITTED WITHOUT MITIGATION ..... 0

PROPOSED FOREST CLEARING:

J. TOTAL AREA OF FOREST TO BE CLEARED ..... 0  
 K. TOTAL AREA OF FOREST TO BE RETAINED ..... 0

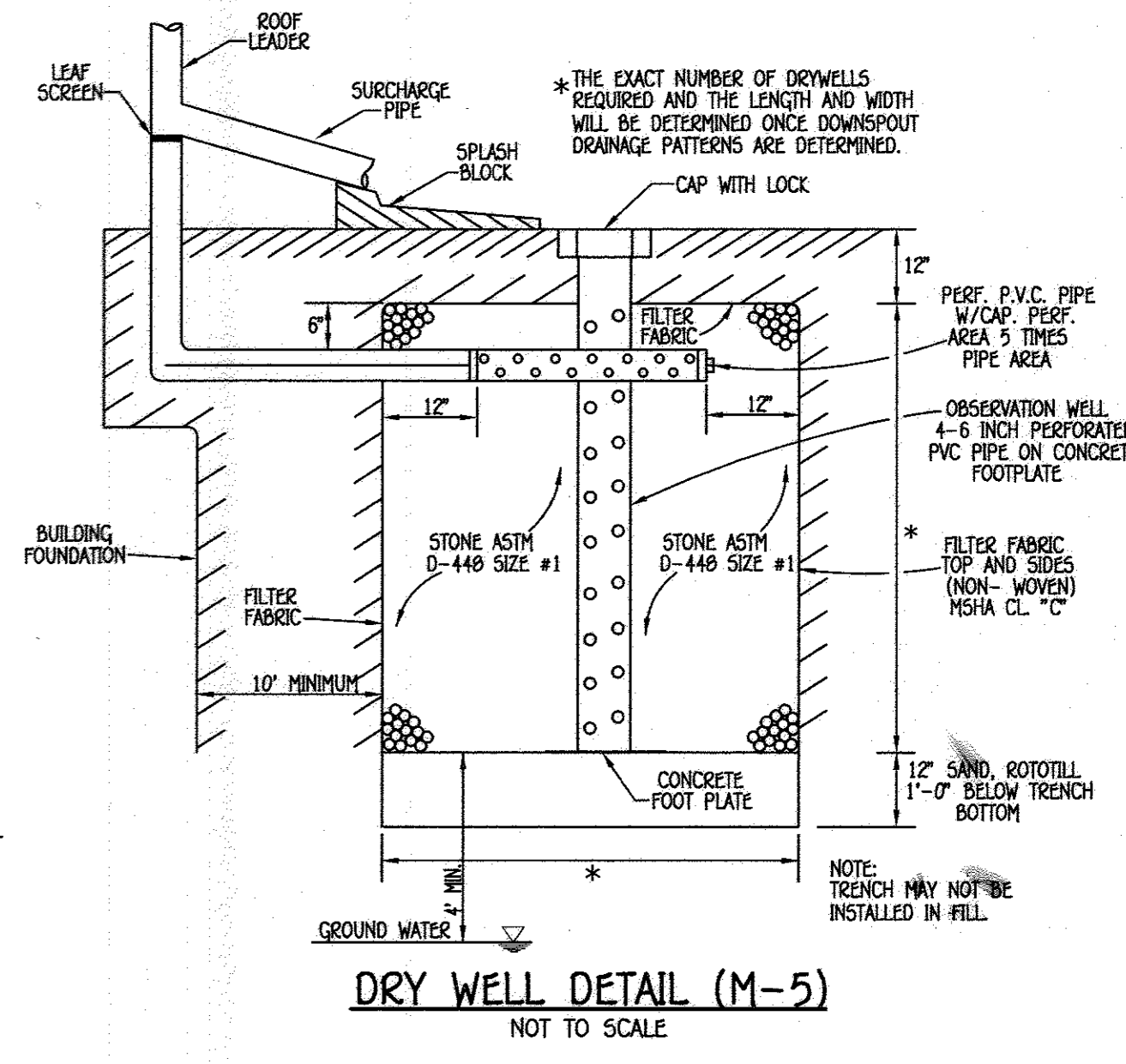
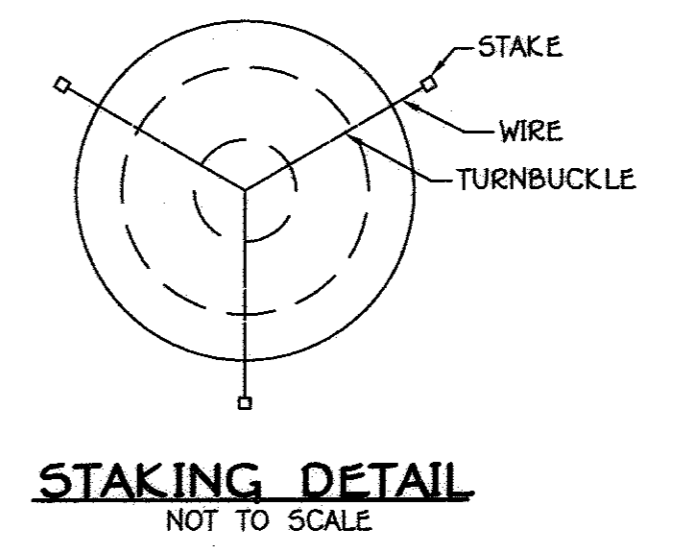
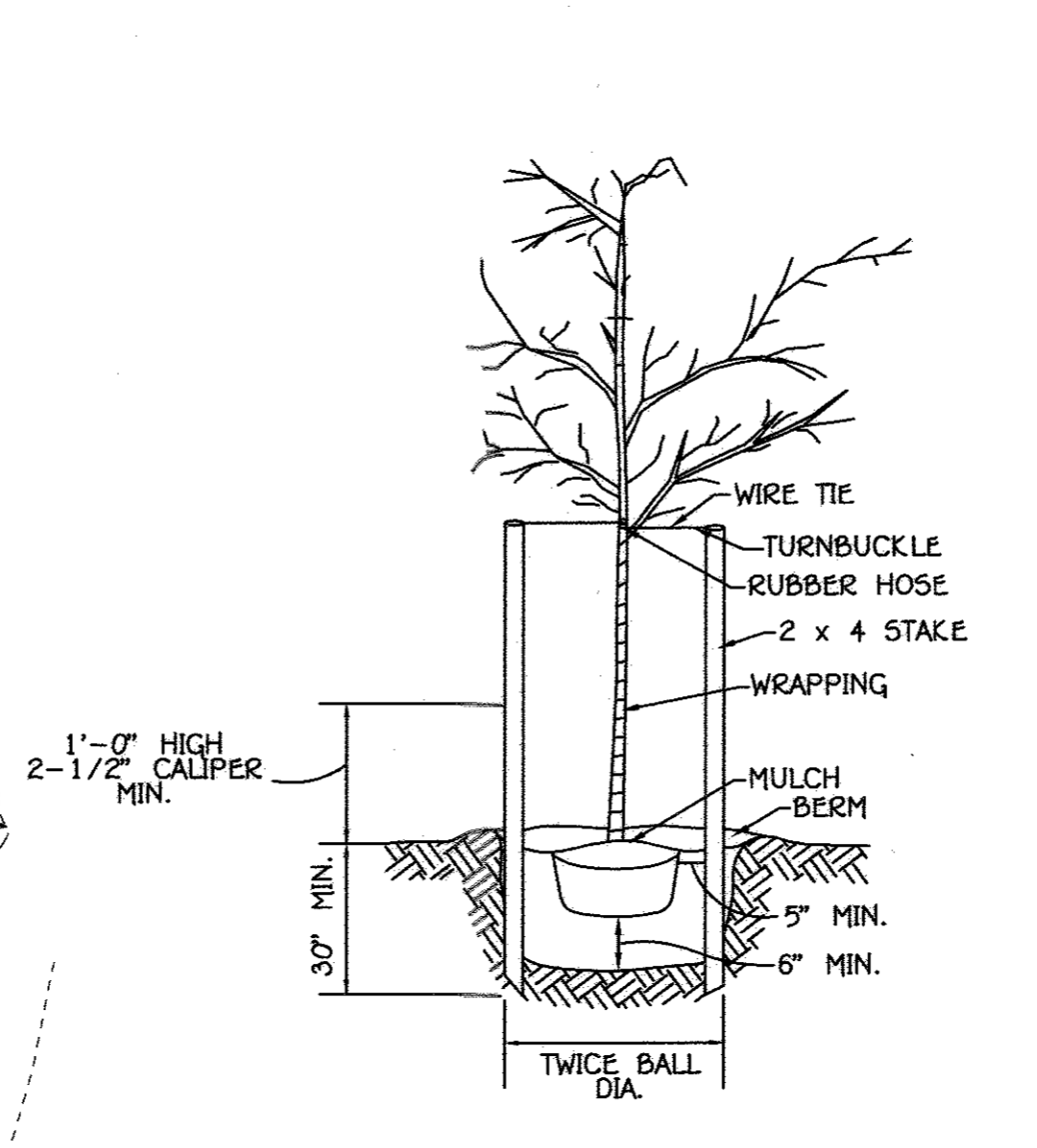
PLANTING REQUIREMENTS:

L. REFORESTATION FOR CLEARING ABOVE CONSERVATION THRESHOLD ..... 0  
 M. REFORESTATION FOR CLEARING BELOW CONSERVATION THRESHOLD ..... 0  
 N. CREDIT FOR RETENTION ABOVE CONSERVATION THRESHOLD ..... 0  
 O. TOTAL REFORESTATION REQUIRED ..... 0  
 P. TOTAL AFFORESTATION REQUIRED ..... 0.15  
 R. TOTAL REFORESTATION AND AFFORESTATION REQUIRED ..... 0.15  
 S. EXCESS FOREST CREDIT ..... 0

LEGEND			
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	EXISTING 2' CONTOURS		PROPOSED CONTOUR
	EXISTING 10' CONTOURS		SPOT ELEVATION
	SOILS LINES AND TYPE		LIMITS OF DISTURBANCE
	EXISTING TREELINE		DRAINAGE AREA DIVIDE
	INDIVIDUAL TREES & SHRUBS		SILT FENCE
	EXISTING FENCE LINE		EROSION CONTROL MATTING
	EXISTING & PROPOSED PAVING		STABILIZES CONSTRUCTION ENTRANCE

STORMWATER MANAGEMENT PRACTICES				
LOT NO.	DISCONNECTION OF ROOFTOP RUNOFF (N-1) Y/N, NUMBER	DISCONNECTION OF NON-ROOFTOP RUNOFF (N-2) Y/N, NUMBER	DRY WELLS (M-5) Y/N, NUMBER	MICRO-BIORETENTION (M-6) Y/N, NUMBER
125	-	-	-	-
126	NO	NO	YES (1)	YES (1)

SPECIMEN TREE TABLE				
KEY	SPECIES	SIZE (DBH)	CRZ (FT RADIUS)	COMMENTS
1	TULIP POPLAR	31"	46.5'	TO REMAIN
2	TULIP POPLAR	36"	54.0'	TO REMAIN
3	RED MAPLE	32"	48.0'	TO REMAIN

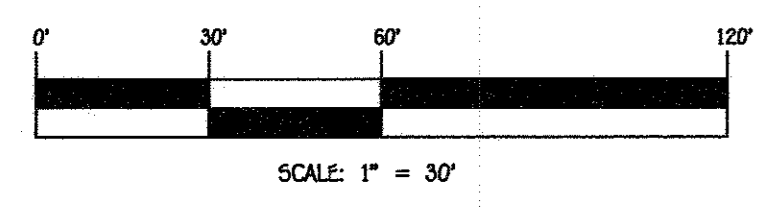


LANDSCAPING PLANT LIST			
QTY.	KEY	NAME	SIZE
4		ACER RUBRUM (OCTOBER GLORY) (OCTOBER RED MAPLE)	2 1/2" - 3" CALIPER FULL CROWN, B&B
5		PRUNUS SARGENTII (SARGENT CHERRY)	2 1/2" - 3" CALIPER FULL CROWN, B&B
10		ILEX 'NELLIE R. STEVENS' (NELLIE R. STEVENS HOLLY)	5'-6" HT. B&B
10		THUJA STANDISHII X PLICATA (GREEN GANT ARBOREVITAE)	5'-6" HT. B&B

TOTAL: 8 SHADE TREES, 19 EVERGREEN

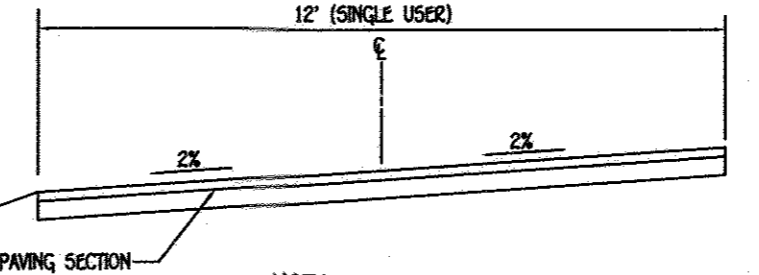
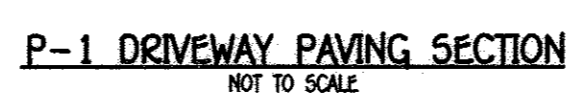
SCHEDULE A - PERIMETER LANDSCAPE EDGE				
PERIMETER	P-1 ADJACENT TO PERIMETER PROPERTIES	P-2 ADJACENT TO PERIMETER PROPERTIES	P-3 ADJACENT TO PERIMETER PROPERTIES	TOTAL
CATEGORY	B	B	C	
LANDSCAPE TYPE	B	B	C	
LINEAR FEET OF PERIMETER	115 LF.	100 LF.	285 LF.	
NUMBER OF PLANTS REQUIRED				
SHADE TREES	(115'/50' = 2.3 OR 2)	(100'/50' = 2.0 OR 2)	(285'/40' = 7.1 OR 7)	13
EVERGREEN TREES	(115'/40' = 2.9 OR 3)	(100'/40' = 2.5 OR 3)	(285'/20' = 14.2 OR 13)	21
CREDIT FOR EXISTING VEGETATION				
SHADE TREES	0	0	4*	4
EVERGREEN TREES	0	1*	0	1
NUMBER OF PLANTS PROVIDED				
SHADE TREES	2	4	2	9
EVERGREEN TREES	3	4	12	20

\* NOTE: CREDIT TAKEN FOR FOUR (4) EXISTING TREES, ALONG P-3, ONE (1) PINE ALONG P-2. ENHANCED PERIMETER LANDSCAPING HAS BEEN PROVIDED ON LOT 126 TO MITIGATE VIEWS AND TO ADDRESS PRIVACY.



NOTE: THIS PLAN SHEET IS NOT TO BE UTILIZED FOR CONSTRUCTION OR INSTALLATION OF SEDIMENT CONTROLS. THIS PLAN SHEET IS NOT TO BE USED TO OBTAIN A GRADING / BUILDING PERMIT.

Mark Wheeler June 9, 2017



APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

Chief, Division of Land Development J.W. 6-20-17 Date

Chief, Development Engineering Division JP 6-19-17 Date

PROFESSIONAL CERTIFICATION

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL LAND SURVEYOR UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 21351. EXPIRATION DATE: 07/15/2017.

Tom M. Hill Professional Land Surveyor 6/9/2017



SUPPLEMENTAL,  
LANDSCAPE, AND SOILS PLAN  
**HOLIDAY HILLS**  
LOT 125 & 126  
10617 & 10619 HUNTING LANE

TAX MAP #41 GRID #5 PARCEL #273  
FIFTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND  
ZONED: R-20  
SCALE: AS SHOWN DATE: JUNE 12, 2017  
SHEET 2 OF 2

F-17-071