

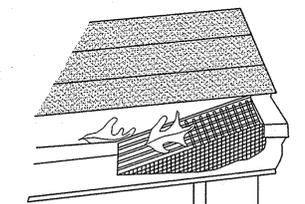
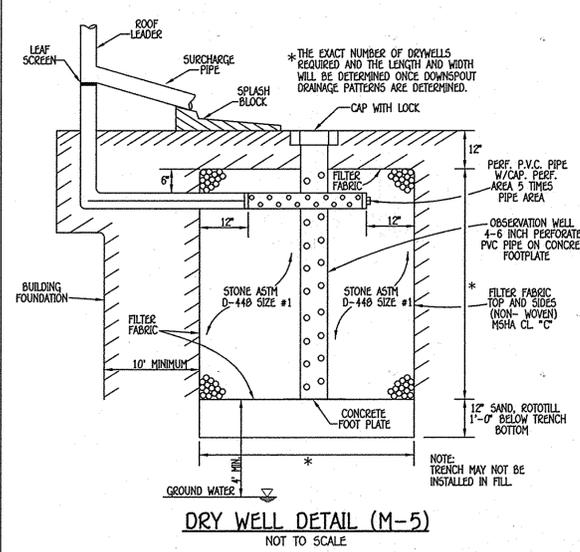
SHEET INDEX	
SHEET NO.	DESCRIPTION
1	SUPPLEMENTAL PLAN
2	SUPPLEMENTAL PLAN

Minimum Lot Size Tabulation			
Lot No.	Gross Area	Pipestem Area	Minimum Lot Size
118	23,681 Sq. Ft. ±	3,612 Sq. Ft. ±	20,069 Sq. Ft. ±

SOILS LEGEND			
SOIL	NAME	CLASS	K FACTOR
Qb8	Gladstone - Urban land complex, 0 to 8 percent slopes	A	0.28

STORMWATER MANAGEMENT SUMMARY			
AREA ID.	ESDV REQUIRED CU.FT.	ESDV PROVIDED CU.FT.	REMARKS
SITE	651	665	DRY WELLS (M-5) & GRASS SWALE (M-8)
TOTAL	651	665	

GROSS AREA = 1.003 ACRES
 LOD = 0.45 ACRES
 RCN = 3.8
 TARGET Pe = 1.4"



GUTTER DRAIN FILTER DETAIL
NOT TO SCALE

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.

DRY WELL CHART					
DRYWELL NO.	AREA OF ROOF PER DOWN SPOUT	VOLUME REQUIRED	VOLUME PROVIDED	AREA OF TREATMENT	L W D
FRONT	1,000 SQ. FT.	111 C.F.	264 C.F.	100%*	11' x 12' x 5'
REAR	1,000 SQ. FT.	111 C.F.	242 C.F.	100%*	11' x 11' x 5'

* AREA OF TREATMENT EXCEEDS THAT REQUIRED.

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

Material	Specification	Size	Notes
Plantings	see Appendix A Table A.4	n/a	plantings are site-specific
Planting soil (2" to 4" deep)	USDA soil types loamy sand or sandy loam; clay content <5% or sandy loam 30% coarse sand 30% compost 40%		
Organic Content	Min. 10% by dry weight (ASTM D 2974)		
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 cobble	stone: 2" to 5"	
Geotextile		n/a	PE Type 1 nonwoven
Gravel (underdrains and infiltration berms)	ASTM M-43	No. 57 or No. Aggregate (3/4" to 3/4")	
Underdrain piping	F 750, Type PS 28 or ASHTO M-278	4" to 6" rigid schedule 40 PVC or 50803	Slotted or perforated pipes: 3/8" perft. @ 6" on center, 4 holes per row, minimum of 3" of gravel over pipes, not necessary underneath pipes. Perforated pipe shall be wrapped with 1/4 inch galvanized hardware cloth
Poured in place concrete (if required)	MSHA Mix No. 3; f = 3500 psi at 28 days, normal weight, air-entrained not using previously approved sites or local standards requires design drawings sealed and approved by a professional structural engineer licensed in the State of Maryland - design to include meeting ACI Code 308.8(a) vertical loading (10-10 or H-20); allowable horizontal loading (based on soil pressure); and analysis of potential cracking	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 previously approved sites or local standards requires design drawings sealed and approved by a professional structural engineer licensed in the State of Maryland - design to include meeting ACI Code 308.8(a) vertical loading (10-10 or H-20); allowable horizontal loading (based on soil pressure); and analysis of potential cracking
Sand	ASTM M-6 or ASTM C-33	0.002" to 0.004"	Sand substitutions such as diabase and Gypstone (ASTM) #10 are not acceptable. No calcium carbonate or dolomitic sand substitutions are acceptable. No "rock dust" can be used for sand.

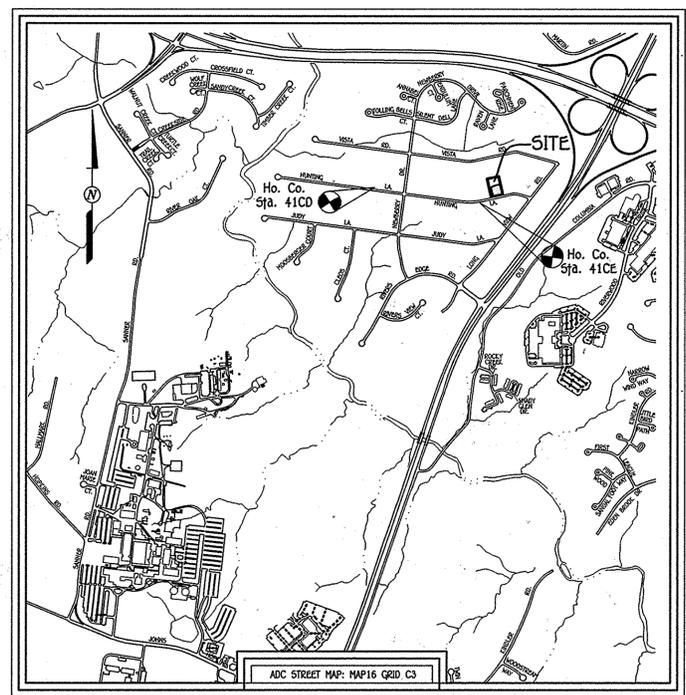
SUPPLEMENTAL PLAN HOLIDAY HILLS LOTS 117 AND 118

TAX MAP No. 41 GRID No. 6 PARCEL NO. 174
FIFTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND

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 MATING
---	EXISTING & PROPOSED PAVING	---	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.
- This Plan Is Based On Field Run Monumented Boundary Survey Performed On Or About April, 2015 By Fisher, Collins And Carter, Inc.
- 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 (±).
- 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:
 - Width - 12 Feet (16 Feet Serving More Than One Residence);
 - Surface - Six (6) Inches Of Compacted Crusher Run Base With Top And Chip Coating (1 - 1/2" Minimum);
 - Geometry - Maximum 15% Grade, Maximum 10% Grade Change And 45-Foot Turning Radius;
 - Structures (Culverts/Bridges) - Capable Of Supporting 25 Gross Tons (H2S-Loading);
 - Drainage Elements - Capable Of Safely Passing 100 Year Flood With No More Than 1 Foot Depth Over Surface;
 - Structure Clearance - Minimum 12 Feet;
 - Maintenance - Sufficient To Ensure All Weather Use.
- Property Subject To Prior Department Of Planning And Zoning File No's ECP-15-073.
- No Cemeteries Exist On The Subject Property Based On Visual Observation Or Listed In Available Howard County Cemetery Inventory Map.
- There Is An Existing Structure/Dwelling On Lot 117 To Remain. There Is An Existing Structure (Shed) On Lot 118 To Be Removed. 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 Forest Stands Existing On-Site. See Environmental Findings Letter Prepared By Eco-Science Professionals, Inc. Dated April 1, 2015.
- Site Is Not Adjacent To A Scenic Road.
- No 100 Year Floodplain, Wetlands, Stream(s) And/Or Their Buffers, Nor Steep Slopes Exist On-Site.
- 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 For Lot 118. 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 18.122B 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.
- Non-Structure Compliance With Chapter 5 Are Being Utilized.
- This Plan Is Subject To The Amended Fifth Edition Of The Subdivision And Land Development Regulations. 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 For Lot 118 Is Provided In Accordance With Section 16.124 Of The Howard County Code And The Landscape Manual. Landscaping In The Amount Of \$5,300 Based On (11) Shade Trees @ \$300/Shade Tree And (20) Evergreen Trees @ \$150/Evergreen Tree Will Be Completed With The SOD 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.
- There Are No Wetlands On This Site, As Stated In A Letter Of Findings Dated April 1, 2015 Prepared By Eco-Science Professionals, Inc.
- There Are No Disturbances To Environmental Features As There Are No Environmental Features Located On This Property.
- Open Space Requirements Are Provided By A Fee-In-Lieu Payment Of \$1,500.00.
- A Community Meeting Was Conducted May 4, 2015 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 16.128(d) Of The Subdivision Regulations.
- The Traffic Study For This Project Dated April, 2015 Was Prepared By Mars Group.
- This Property Is Located Within The Metropolitan District And Will Be Served By Public Water And Sewer.
- Subdivision Is Subject To Section 18.012 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 Plan 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:
 - M.I.H.U. Required = (1 Lot x 10%) = 0.1 M.I.H.U.
 - M.I.H.U. Proposed = Developer Will Pursue Alternative Compliance By Paying A Fee-In-Lieu To The Howard County Housing Department For The Units Required By The Development.
 - No Executed M.I.H.U. Agreement With The Howard County Housing Department Has Been Completed And Recorded Simultaneously With The Plan.
- Existing Well And Private Septic System To Be Properly Abandoned Prior To Recordation Of The Plan.
- Topography Shown Hereon Is Based On A Topographic Survey Performed By Fisher, Collins & Carter, Inc. In April 2015 And Supplemented With Howard County GIS Topography At 5' Contour Interval Interpolated For 2' Contour Interval.
- WP-16-004 Was Approved On September 3, 2015 Waiving Section 16.132(a)(2)(i), Section 16.134(a), Section 16.135, and Section 16.136 For The Required Construction Of Road Improvements And Sidewalks, And Installation Of Street Lighting And Street Trees. Approval Is Subject To The Following Condition:
 - Compliance With The Attached Comments From The Development Engineering Division (DED), Dated August 25, 2015. In Accordance With These Comments, The Developer Will Be Required To Pay A Fee-In-Lieu Of Frontage Improvements And Sidewalk Construction In The Amount Of \$13,159.90. Payment Of This Fee Is Required Prior To Submission Of The Original Mylar Record Plat To This Office For Signature Approval And Recordation. The Request To Waive The Requirement For Installation Of Street Lighting And Street Trees Along The Frontage Of This Property Has Been Approved.



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 550,548.6950 E 1,344,398.3950 ELEVATION = 347.74 - VERTICAL - (NAVD '88)	
B.M.#2 - HOWARD COUNTY CONTROL STATION #41CE - HORIZONTAL - (NAD '83) (LOCATED ON THE SOUTH SIDE OF HUNTING LANE) N 5501,340.9790 E 1,345,892.2830 ELEVATION = 371.34 - VERTICAL - (NAVD '88)	

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 MAJOR 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.

SITE ANALYSIS DATA CHART

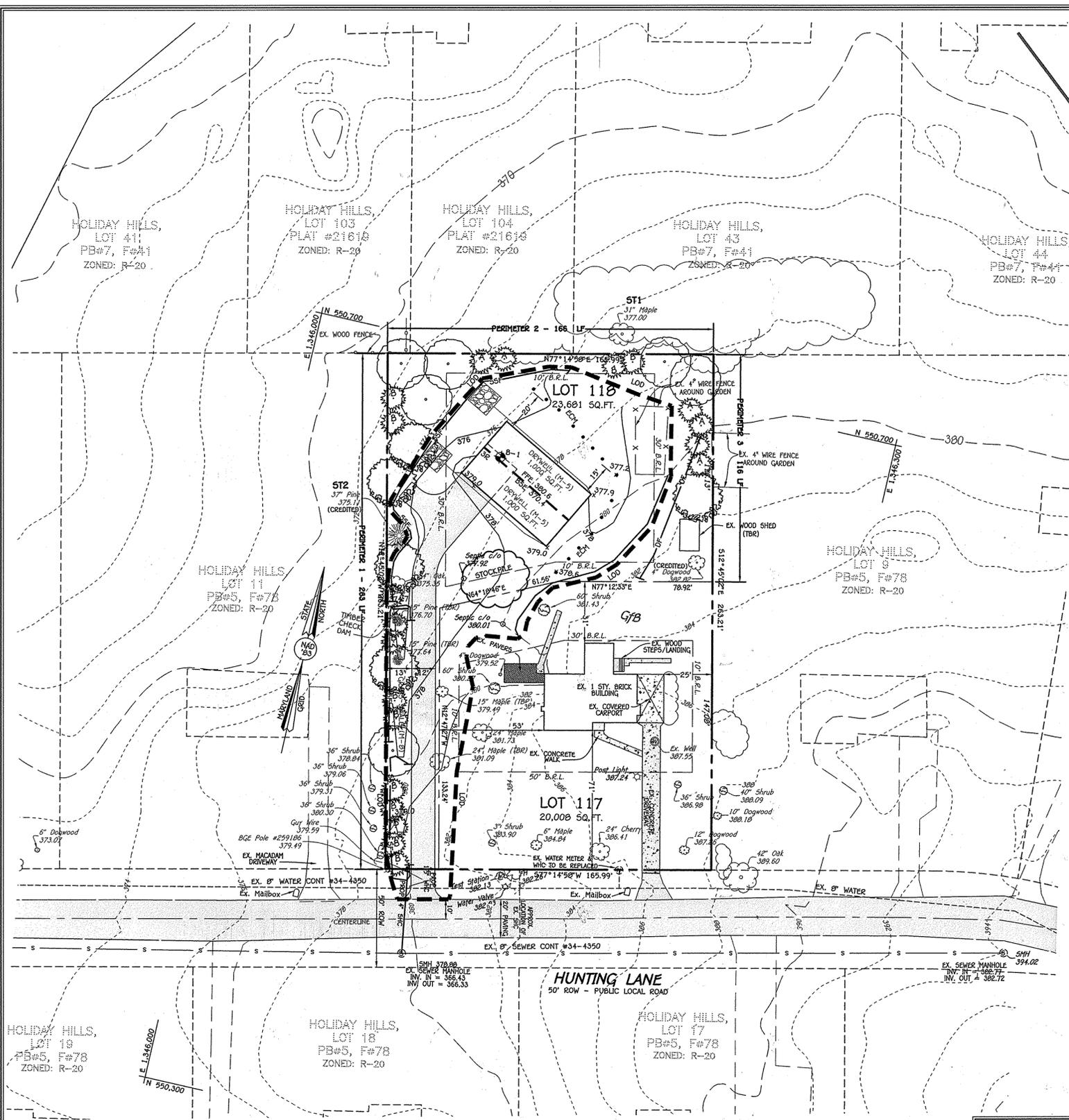
- TOTAL AREA OF THIS SUBMISSION = 1.003 AC. ±
- LIMIT OF DISTURBED AREA = 19,626 SQ.FT. OR 0.45 AC. ±
- PRESENT ZONING DESIGNATION = R-20 (PER 10/06/2013 COMPREHENSIVE ZONING PLAN)
- PROPOSED USE: RESIDENTIAL
- PREVIOUS HOWARD COUNTY FILES: N/A
- TOTAL AREA OF FLOODPLAIN LOCATED ON-SITE = 0.00 AC ±
- TOTAL AREA OF SLOPES IN EXCESS OF 15% = 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 = 1.003 AC ±
- TOTAL GREEN OPEN AREA = 0.81 AC ±
- TOTAL IMPERVIOUS AREA = 0.19 AC ±
- TOTAL AREA OF ERODIBLE SOILS = 0.00 AC ±
- TOTAL AREA OF ROAD DEDICATION = 0.00 AC ±

OWNER/DEVELOPER
 HG RENOVATIONS, LLC
 ATTN: JOHN MINUTOLI
 6139 WHITE MARBLE COURT
 CLARKSVILLE, MARYLAND 21029
 410-409-0333

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
 Chief, Division of Land Development
 Chief, Development Engineering Division

PROFESSIONAL CERTIFICATION
 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. 38386, EXPIRATION DATE: 01/12/2016.
 Signature of Professional Engineer
 DATE

SUPPLEMENTAL PLAN
 LANDSCAPE, FOREST CONSERVATION, TOPOGRAPHY & SOILS
 HOLIDAY HILLS,
 LOTS 117 AND 118
 ZONED: R-20
 TAX MAP #41 GRID# 6 PARCEL #174
 FIFTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
 SCALE: 1" = 30' DATE: SEPTEMBER, 2015
 SHEET 1 OF 2



**FOREST CONSERVATION WORKSHEET
VERSION 1.0**

BASIC SITE DATA:

A. TOTAL TRACT AREA	1.00 Ac
B. AREA WITHIN 100 YEAR FLOODPLAIN	0
C. NET TRACT AREA	1.00 Ac

LAND USE CATEGORY: (from table 3.2.1, page 40, Manual)
AREA 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

EXISTING FOREST COVER:

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
Q. TOTAL REFORESTATION AND AFFORESTATION REQUIRED	0.15
R. EXCESS FOREST CREDIT	0

LEGEND

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
---	EXISTING 2' CONTOURS	---	PROPOSED CONTOUR
---	EXISTING 10' CONTOURS	---	SPOT ELEVATION
Gp	SOILS LINES AND TYPE	---	LIMITS OF DISTURBANCE
Gc	EXISTING TREELINE	---	DRAINAGE AREA DIVIDE
○	EXISTING INDIVIDUAL TREES & SHRUBS	---	SILT FENCE
---	EXISTING FENCE LINE	---	EROSION CONTROL MATING
---	EXISTING & PROPOSED PAVING	---	STABILIZES CONSTRUCTION ENTRANCE
ST1	EXISTING SPECIMEN TREE	TBR	TO BE REMOVED

NOTES:

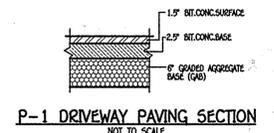
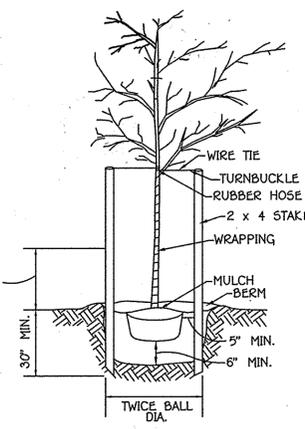
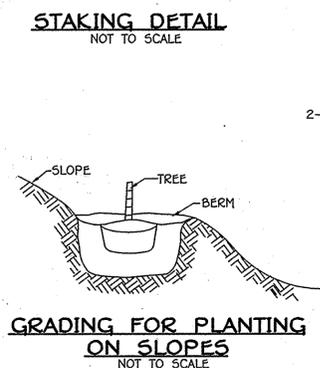
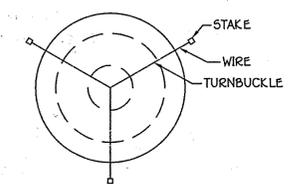
- THE OWNER, TENANT AND/OR THEIR AGENTS SHALL BE RESPONSIBLE FOR MAINTENANCE OF THE REQUIRED LANDSCAPING, PLANT MATERIALS, BERMS, FENCES AND WALLS. ALL PLANT MATERIALS SHALL BE MAINTAINED IN GOOD GROWING CONDITION AND WHEN NECESSARY, REPLACED WITH NEW MATERIALS TO ENSURE CONTINUED COMPLIANCE WITH APPLICABLE REGULATIONS. ALL REQUIRED LANDSCAPING SHALL BE PERMANENTLY MAINTAINED IN GOOD CONDITION, AND WHEN NECESSARY, REPAIRED OR REPLACED.
- SHOULD ANY TREE DESIGNATED FOR PRESERVATION FOR WHICH LANDSCAPING CREDIT IS GIVEN, DIE PRIOR TO RELEASE OF BONDS, THE OWNER WILL BE REQUIRED TO REPLACE THE TREE WITH THE EQUIVALENT SPECIES OR WITH A TREE WHICH WILL OBTAIN THE SAME HEIGHT, SPREAD AND GROWTH CHARACTERISTICS. THE REPLACEMENT TREE MUST BE A MINIMUM OF 3 INCHES IN CALIPER AND INSTALLED AS REQUIRED IN THE LANDSCAPE MANUAL.

STORMWATER MANAGEMENT PRACTICES

LOT NO.	DISCONNECTION OF ROOFTOP RUNOFF (N-1) Y/N, NUMBER	DRY WELLS (M-5) Y/N, NUMBER	GRASS SWALE (M-8) Y/N, NUMBER
118	NO	YES, TWO (2)	YES, ONE (1)
117	-	-	-

SPECIMEN TREE TABLE

KEY	SPECIES	SIZE (DBH)	CRZ (FT RADIUS)	COMMENTS
1	NORWAY MAPLE	31"	46.5	OFF-SITE
2	WHITE PINE	37"	55.5	TO REMAIN



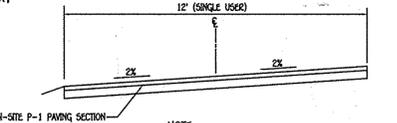
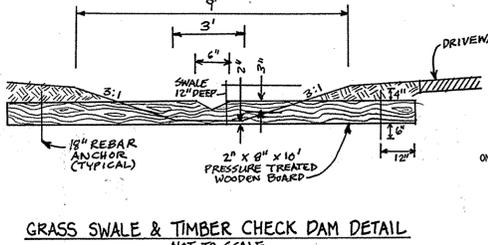
OPERATION & MAINTENANCE SCHEDULE FOR PRIVATELY OWNED AND MAINTAINED OPEN CHANNEL SYSTEMS - GRASS SWALES, (M-8)

- THE OPEN CHANNEL SYSTEM SHALL BE INSPECTED ANNUALLY AND AFTER MAJOR STORMS. INSPECTIONS SHALL BE PERFORMED DURING WET MONTHS TO DETERMINE IF THE FACILITY IS FUNCTIONING PROPERLY.
- THE OPEN CHANNEL SHALL BE MOWED A MINIMUM OF 4 TIMES DURING THE GROWING SEASON TO MAINTAIN A MAXIMUM GRASS HEIGHT OF LESS THAN 6 INCHES.
- BERMS AND LITTER SHALL BE REMOVED DURING REGULAR MAINTENANCE OPERATIONS AND AS NEEDED.
- VISIBLE SIGNS OF EROSION IN THE OPEN CHANNEL SYSTEM SHALL BE REPAIRED AS SOON AS IT IS NOTICED.
- REMOVE SILT IN THE OPEN CHANNEL SYSTEM WHEN IT EXCEEDS 25% OF THE ORIGINAL WAYS.
- INSPECT CHECK DAMS TWICE A YEAR FOR STRUCTURAL INTEGRITY. REPAIR CHECK DAMS TO ORIGINAL CONDITION AS APPLICABLE.

LANDSCAPING PLANT LIST

QTY.	KEY	NAME	SIZE
5	○	ACER RUBRUM 'OCTOBER GLORY' (OCTOBER RED MAPLE)	2 1/2" - 3" CALIPER FULL CROWN, B&B
6	○	PRUNUS SARGENTI (SARGENT CHERRY)	2 1/2" - 3" CALIPER FULL CROWN, B&B
6	○	ILEX 'NELLIE R. STEVENS' (NELLIE R. STEVENS HOLLY)	5'-6" HT. B&B
14	○	THUJA STANDISHI X PULICATA (GREEN GIANT ARBOVITAE)	5'-6" HT. B&B

TOTAL: 11 SHADE TREES, 20 EVERGREEN TREES



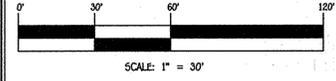
SCHEDULE A - PERIMETER LANDSCAPE EDGE

PERIMETER CATEGORY	P-1 ADJACENT TO PERIMETER PROPERTIES	P-2 ADJACENT TO PERIMETER PROPERTIES	P-3 ADJACENT TO PERIMETER PROPERTIES	TOTAL
LANDSCAPE TYPE	C	B	B	
LINEAR FEET OF PERIMETER	263 L.F.	166 L.F.	116 L.F.	
NUMBER OF PLANTS REQUIRED	7/13	3/4	2/3	12
SHADE TREES	(263/140' = 6.6 OR 7)	(166/150' = 3.3 OR 3)	(116/150' = 2.3 OR 2)	20
EVERGREEN TREES	(263/120' = 13.2 OR 13)	(166/140' = 4.2 OR 4)	(116/140' = 2.9 OR 3)	
CREDIT FOR EXISTING VEGETATION	0	0	0	0
SHADE TREES	1*	0	1*	2
SMALL/MEDIUM DECIDUOUS TREES (≥1 SUBSTITUTION)				
NUMBER OF PLANTS PROVIDED	7	3	4	11
SHADE TREES	12	4	4	20
EVERGREEN TREES				

* NOTE: CREDIT TAKEN FOR 1 EXISTING EVERGREEN TREE, A 37" PINE ALONG P-1 AND 1 EXISTING SMALL TREE, A 4" DOGWOOD ALONG P-3. ENHANCED PERIMETER LANDSCAPING 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.

**SUPPLEMENTAL PLAN
LANDSCAPE, FOREST CONSERVATION, TOPOGRAPHY & SOILS
HOLIDAY HILLS,
LOTS 117 AND 118**

ZONED: R-20
TAX MAP #41 GRID# 6 PARCEL #174
FIFTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
SCALE: 1"=30'
DATE: SEPTEMBER, 2015
SHEET 2 OF 2



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.

DEVELOPER'S / BUILDER'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 LETTER OF LANDSCAPE INSTALLATION ACCOMPANIED BY AN EXECUTED ONE YEAR GUARANTEE OF PLANT MATERIALS WILL BE SUBMITTED TO THE DEPARTMENT OF PLANNING AND ZONING.

DATE: 9/15/15

OWNER/DEVELOPER
MG RENOVATIONS, LLC
ATTN: JOHN MINUTOLI
6139 WHITE MARBLE COURT
CLARKSVILLE, MARYLAND 21029
410-409-0333

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

Chief, Division of Land Development
Date: 10-7-15

Chief, Development Engineering Division
Date: 10-6-15

PROFESSIONAL CERTIFICATION
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. 38386, EXPIRATION DATE: 01/12/2016.

Signature of Professional Engineer: [Signature]
DATE: 9/15/15

