

SCHEDULE A - PERIMETER LANDSCAPE EDGE PLANTINGS PROVIDED UNDER F-07-075

PERIMETER CATEGORY	P-1 ADJACENT TO ROADWAY	P-2 ADJACENT TO PERIMETER PROPERTIES	P-3 ADJACENT TO PERIMETER PROPERTIES	P-4 ADJACENT TO PERIMETER PROPERTIES	P-5 ADJACENT TO PERIMETER PROPERTIES	P-6 ADJACENT TO PERIMETER PROPERTIES	P-7 LANDSCAPE BUFFER	TOTAL
LANDSCAPE TYPE	N/A	D	A	A	A	A		
LINEAR FEET OF PERIMETER	120.72 LF.	165.07 LF.	135.14 LF.	256.98 LF.	255.96 LF.	423.20 LF.	89.01 LF.	
NUMBER OF PLANTS REQUIRED	N/A	(165.07/60' = 2.75) = 3 (165.07/10' = 16.5) = 17	(134.14/60' = 2.23) = 2	(256.98/60' = 4.28) = 4	(255.96/60' = 4.26) = 4	(423.20/60' = 7.05) = 7	(89.01/40' = 2.22) = 2 (89.01/20' = 4.45) = 4	
CREDIT FOR EXISTING VEGETATION	N/A	0	0	0	2	2	0	0
NUMBER OF PLANTS PROVIDED	N/A	3	0	4	4	7	2	18
SHADE TREES	N/A	3	0	4	4	7	2	18
SMALL/MEDIUM DECIDUOUS TREES	N/A	17	0	0	0	0	4	21

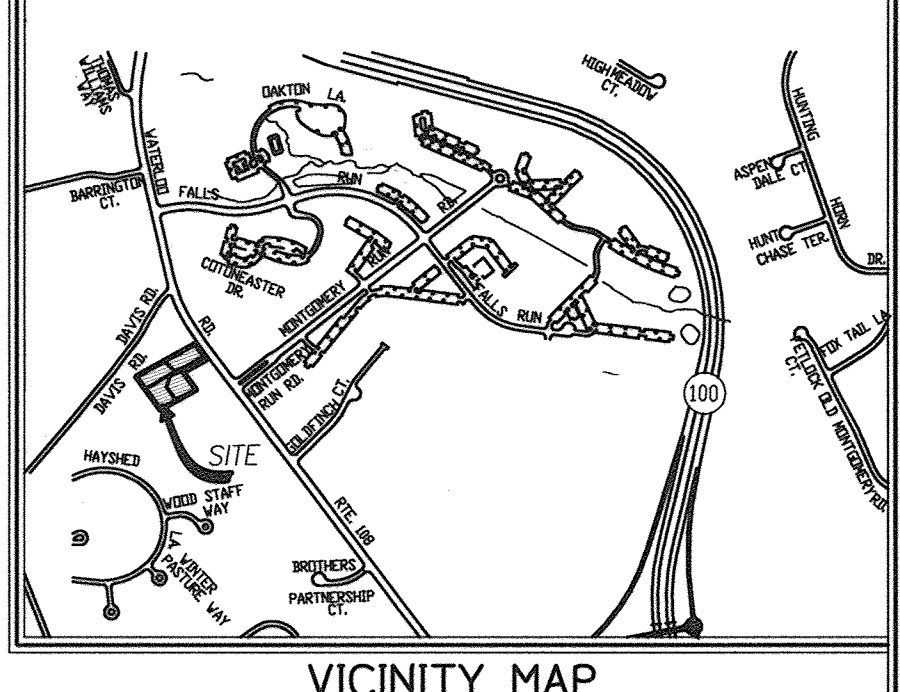
LANDSCAPING PLANT LIST

QTY.	KEY	NAME	SIZE
18		ACER RUBRUM OCTOBER GLORY (OCTOBER RED MAPLE)	2 1/2" - 3" CALIPER FULL CROWN, BAB
21		JUNIPER CHINENSIS CHINESE JUNIPER	6'-8" HGT.

REFER TO F-07-075. SEE GENERAL NOTE 33.

LEGEND

- EXISTING 2' CONTOURS
- EXISTING 10' CONTOURS
- PROPOSED CONTOUR
- ROOF LEADER
- DISCONNECTED IMPERVIOUS AREA
- DISCONNECTION RECEIVING AREA
- PUBLIC SEWER, WATER & UTILITY EASEMENT
- PRIVATE SEWER HOUSE CONNECTION
- SPECIMEN TREE
- LIMIT OF DISTURBANCE (L.O.D.)
- 65 dBA NOISE LINE



A Total Landscape Surety For 16 Shade Trees @ \$300/each and 17 Evergreen Trees @ \$150/each = 7,350.00 is provided.
 Lot 1 (3 Shade Trees @ \$300/each) = \$900.00
 Lot 2 (2 Shade Trees @ \$300/each) = \$600.00
 Lot 3 (4 Shade Trees @ \$300/each) = \$1200.00
 Lot 4 (7 Shade Trees @ \$300/each and 17 Evergreen Trees @ \$150/each) = \$4650.00
 *REFER TO GENERAL NOTE 33.

At the Time of Plant Installation All Shrubs And Trees Listed And Approved On The Landscape Plan, Shall Comply With The Proper Height Requirement In Accordance With The Howard County Landscape Manual. In Addition, No Substitutions Or Relocations Of The Required Plantings May Be Made Without Prior Review And Approval From The Department Of Planning And Zoning. Any Deviation From The Approved Landscape Plan May Result In Denial Or Delay In The Release Of Landscape Surety Until Such Time As All Required Materials Are Planted And/or Revision Are Made To The Applicable Plans.

The Owner, Tenants And/Or Their Agents Shall Be Responsible For Maintenance Of The Required Landscaping Including Both Plant Materials And Berms, Fences And Walls. All Plant Materials Shall Be Maintained In Good Growing Conditions, And When Necessary, Replaced With New Materials To Ensure Continued Compliance With Applicable Regulations. All Other Required Landscaping Shall Be Permanently Maintained In Good Condition, And When Necessary, Repaired Or Replaced.

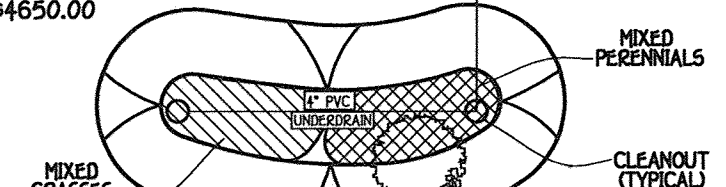
DEVELOPER'S/BUILDER'S CERTIFICATE

I/We certify that the landscaping shown on this plan will be done according to section 16.124 of the Howard County Code and the Howard County Landscape Manual. I/We further certify that upon completion of Certification of Landscape Installation accompanied by an executed one year certificate of plant materials will be submitted to the Department of Planning and Zoning.

Kharr Q. Ly Date 09.03.2008

FOREST CONSERVATION WORKSHEET

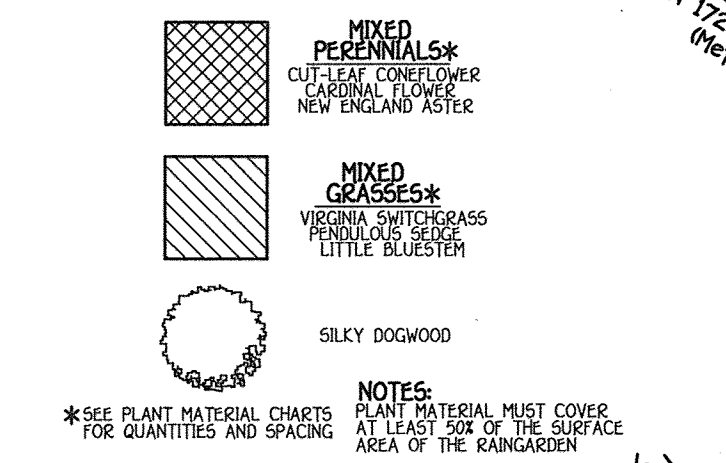
- BASIC SITE DATA
 - GROSS SITE AREA: 1.95 AC.
 - AREA WITHIN 100' NEAR FLOORPLANE: 0
 - AREA WITHIN AGRICULTURAL USE OR PRESERVATION PARCEL: 0
 - LAND USE CATEGORY: RESIDENTIAL SUBURBAN
- INFORMATION FOR CALCULATIONS
 - A. NET TRACT AREA: 1.95 AC.
 - B. REFORESTATION THRESHOLD: 20X X 1.95 = 39 AC.
 - C. AFFORESTATION MINIMUM: 15X X 1.95 = 29 AC.
 - D. EXISTING FOREST ON NET TRACT AREA: .62 AC.
 - E. FOREST AREAS TO BE CLEARED: .41 AC.
 - F. FOREST AREAS TO REMAIN: .21 AC.
- ALTERNATIVE 2: CLEARING BELOW THE THRESHOLD
 - REFORESTATION REQUIREMENT FOR CLEARING ABOVE THE THRESHOLD: .23 AC. X 25 = 06 AC.
 - REFORESTATION REQUIREMENT FOR CLEARING BELOW THE THRESHOLD: .39 X 2 = 78 AC.



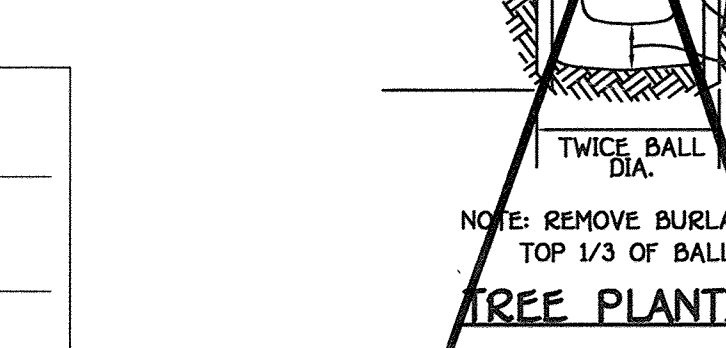
BIORETENTION FILTER PLANT MATERIAL

NO.	MIXED PERENNIALS*	MIXED GRASSES*	SILKY DOGWOOD
1	55	55	1
2	55	55	1
3	55	55	1
4	55	55	1
5	55	55	1
6	55	55	1
7	55	55	1
8	55	55	1

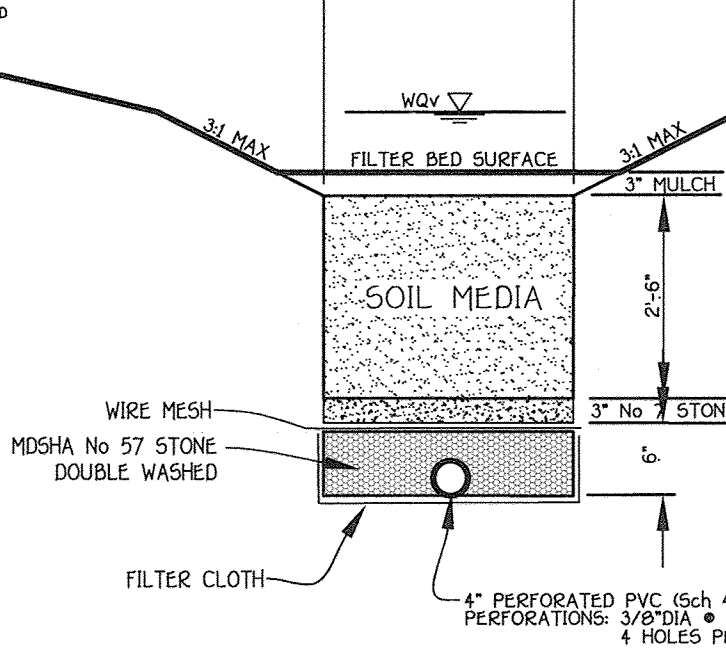
- * 18" MINIMUM SPACING
- ** PLANT AWAY FROM INFLOW LOCATION



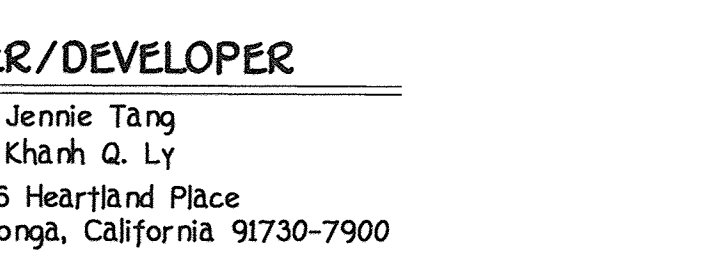
STAKING DETAIL



TYPICAL RAIN GARDEN PROFILE



TYPICAL PRIVATE DRIVE CROSS SLOPE SECTION



SOILS LEGEND

SOIL	NAME	CLASS
AgB2	Aura gravelly loam, 1 to 5 percent slopes, moderately eroded	B
AgC2	Aura gravelly loam, 5 to 10 percent slopes, moderately eroded	B
AgE3	Aura gravelly loam, 10 to 30 percent slopes, severely eroded	B
** BeB2	Beltville silt loam, 1 to 5 percent slopes, moderately eroded	C
SiC2	Sassafras loam, 5 to 10 percent slopes, moderately eroded	B
SiD2	Sassafras loam, 10 to 15 percent slopes, moderately eroded	B
** WaA	Watchung silt loam, 0 to 3 percent slopes	D

NOTES:
 * Hydric soils and/or contains hydric inclusions
 ** May contain hydric inclusions
 † Generally only within 100-year floodplain areas

GENERAL NOTES:

- Subject Property Zoned R-20 Per 02/02/04 Comprehensive Zoning Plan And The "Comp Lite" Zoning Amendments Effective 07/28/06. Coordinates Based On NAD 83 Maryland Coordinate System As Projected By Howard County Geographic Control Stations No. HCM, 31GA And No. HCM, 37AA.
- Site H.C.M. 31GA N 17289.7143 (Meters) E 41668.0533 (Meters) 31A H.C.M. 37AA N 17897.5291 (Meters) E 41698.9919 (Meters)
- This Plan Is Based On Field Run Monumented Boundary Survey Performed On Or About May 10, 2007 By Fisher, Collins & Carter, Inc. B.L.L. Denotes Building Restriction Line.
- Denotes Iron Pin Set Capped T.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 "T.C.C. 106".
- Denotes Concrete Monument Or Stone Found.
- For Flag Or Pipestem Lots, Refuse Collection, Snow Removal And Road Maintenance Are Provided To The Junction Of The Flag Or Pipestem And Road Right-Of-Way Line And Not To The Pipestem Lot Driveway.
- Driveways Shall Be Provided Prior To Issuance Of A Use And Occupancy Permit For Any New Dwellings To Ensure Site Access For Fire And Emergency Vehicles Per The Following Minimum Requirements:
 a) Width - 12 Feet (36 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 14% Grade, Maximum 10% Grade And 45-Foot Turning Radius;
 d) Structures (Culverts/Bridges) - Capable Of Supporting 25 Gross Tons (25-T Loading);
 e) Drainage Elements - Capable Of Safely Passing 100 Year Flood With No More Than 1 Foot Depth Over Surface;
 f) Structure Clearances - Minimum 12 Feet;
 g) Maintenance - Sufficient To Ensure All Weather Use.
- All Lot Areas Are More Or Less (±).
- Distances Shown Are Based On Surface Measurement And Not Reduced To NAD 83 Grid Measurement.
- There Is An Existing Dwelling/Structure(s) Located On Parcel 217 To Be Removed.
- No Historic Structures Or Cemeteries Exist On The Subject Property. Wetland Report Prepared By T. E. Scott & Associates, Dated June 26, 2007. No Non-Tidal Wetlands Exist Within The Limits Of This Subdivision.
- Property Is Located Within The Metropolitan District. Subdivision Will Be Served By Both Public Water And Public Sewer. Open Space Requirements Are Provided By A Fee-In-Lieu Payment Of \$4,500.00.
- No 100 Year Flood Plain Exists On-Site.
- Landscaping For Lots 1 Thru 4 On File With This Plat Is Provided In Accordance With A Certified Landscape Plan In Accordance With Section 16.124 Of The Howard County Code And The Landscape Manual. Surety For 16 Shade Trees @ \$300/each and 17 Evergreens @ \$150/each In The Total Amount Of \$7,350.00 Has Been Posted With The Developer's Agreement For Public Water And Sewer Construction.
 Lot 1 (3 Shade Trees @ \$300/each) = \$900.00
 Lot 2 (2 Shade Trees @ \$300/each) = \$600.00
 Lot 3 (4 Shade Trees @ \$300/each) = \$1200.00
 Lot 4 (7 Shade Trees @ \$300/each and 17 Evergreen Trees @ \$150/each) = \$4650.00
 *REFER TO NOTE 33.
- The Use-In-Common Driveway Maintenance Agreements For Lots 1 Thru 4 Have Been Recorded In The Howard County Land Records Office Simultaneously With The Recording Of This Subdivision Plat. This Plat Is In Compliance With The Amended Fifth Edition Of The Subdivision And Land Development Regulations Per Council Bill 45 2003 And The Zoning Regulations As Amended By Council Bill 75-2003 And The July 28, 2008 Update Of The Howard County Zoning 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.
- No Grading, Removal Of Vegetative Cover Or Trees, Paving And Structures Shall Be Permitted Within The Limits Of Wetlands, Streams, Or Their Required Buffers, Floodplain And Forest Conservation Easement Areas.
- The Forest Conservation Requirements Of Section 16.200 Of The Howard County Code And Forest Conservation Act For This Subdivision Will Be Fulfilled By Providing A Fee In Lieu Payment Of \$27,442.80 Based On 0.84 Acres (Reforestation) x \$3,560 \$/ft./Acres x 0.75\$/ft.
- Quantity And Quality Stormwater Management Requirements Are Proposed To Be Met By Applying The Non-Rooftop Disconnection And Rooftop Disconnection Credits In Accordance With Chapter 5 Of The 2000 Maryland Stormwater Design Manual.
- The 65 dBA Noise Contour Line Drawn On This Plat Is Advisory As Required By The Howard County Design Manual, Chapter 9, Revised February, 1992 And Cannot Be Considered To Explicitly 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.
- All Existing Structures On Site Are To Be Removed.
- Limit Of Disturbance: 67,335 Sq. Ft.
- 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 Sewage Allocations Will Be Granted At Time Of Issuance Of The Building Permit If Capacity Is Available At That Time.



REVISION #1
 SUPPLEMENTAL PLAN
 LANDSCAPE, FOREST CONSERVATION, STORMWATER
 MANAGEMENT, TOPOGRAPHIC AND SOILS
 TANG PROPERTY
 LOTS 1 THRU 4
 TAX MAP: 37 PARCEL: 217 GRID: 1
 SIXTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
 ZONED: R-20
 SCALE: 1" = 30' DATE: AUGUST 29, 2008

FISHER, COLLINS & CARTER, INC.
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
 CENTRAL SQUARE OFFICE PARK - 10777 BALTIMORE NATIONAL PIKE
 CLLETTOWN CITY, MARYLAND 21761
 (410) 461-2995

OWNER/DEVELOPER
 Jennie Tang
 Kharr Q. Ly
 9586 Heartland Place
 Rancho Cucamonga, California 91730-7900

NOTE:
 ALL MATERIALS AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH HOWARD COUNTY DESIGN MANUAL VOLUME IV, STANDARD SPECIFICATION AND DETAILS FOR CONSTRUCTION.

NO.	BY	REVISION	DATE
1	RHW	MODIFICATION TO THE ONSITE LANDSCAPING	12-27-08

f-08-066