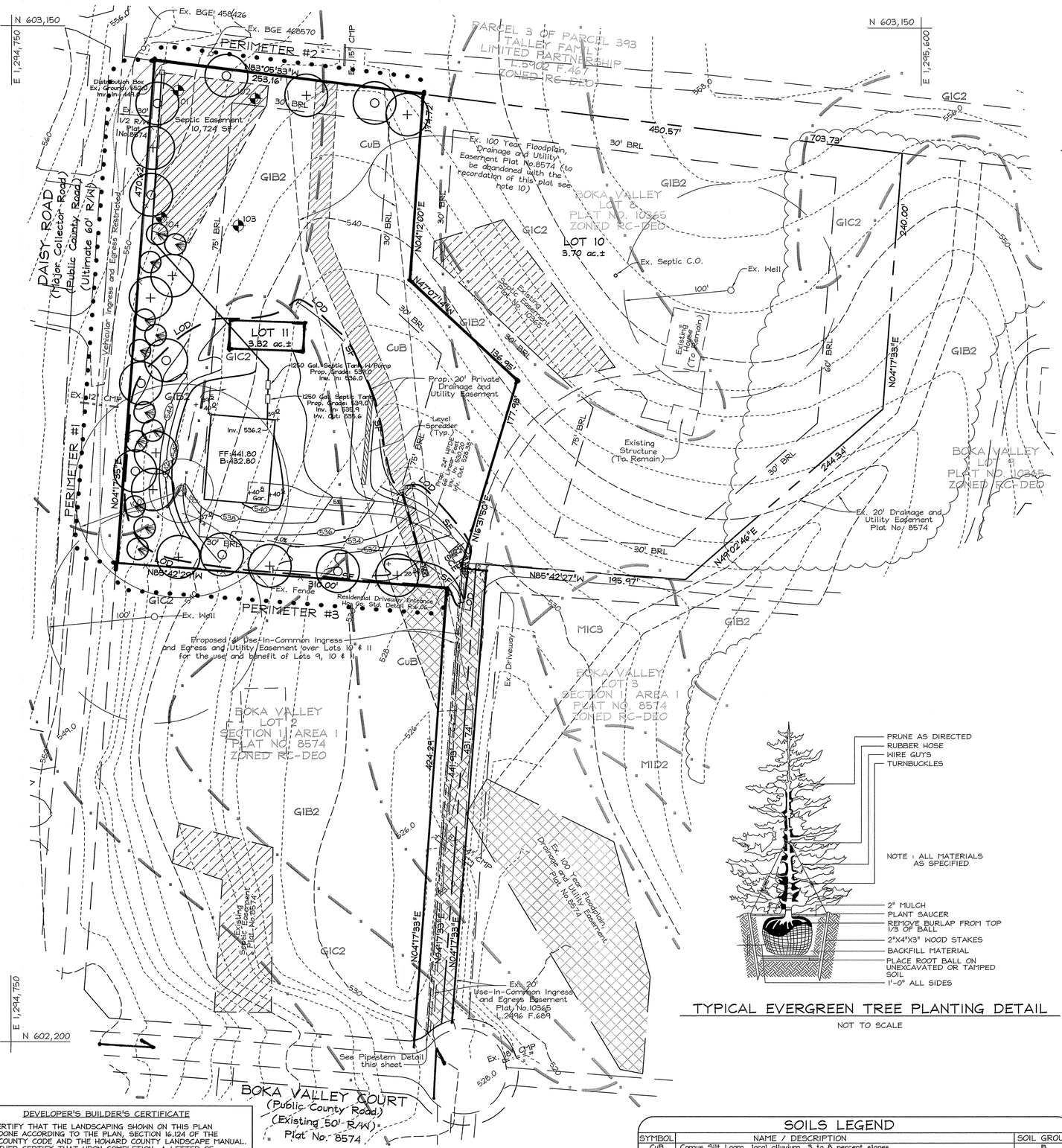
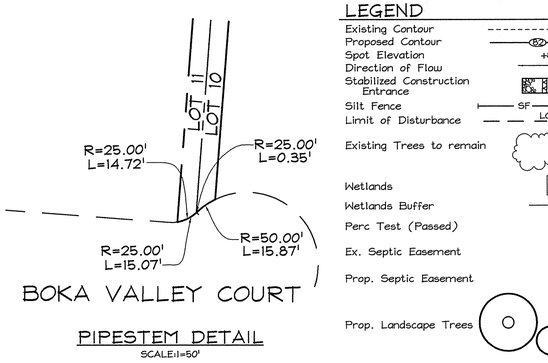


PLAN VIEW

SCALE:1"=100'

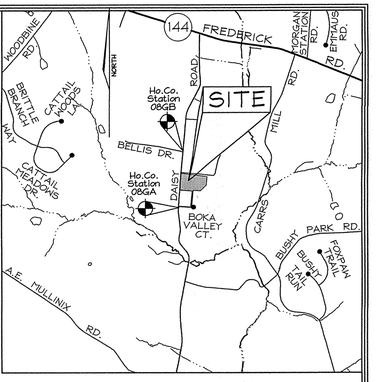


PIPESTEM DETAIL

SCALE:1=50'

LEGEND

- Existing Contour — 382
- Proposed Contour — 382
- Spot Elevation — +82.53
- Direction of Flow
- Stabilized Construction Entrance — SCE
- Silt Fence — SF — SF
- Limit of Disturbance — LOD
- Existing Trees to remain
- Wetlands — W
- Wetlands Buffer — WB
- Perc Test (Passed) — 101
- Ex. Septic Easement
- Prop. Septic Easement
- Prop. Landscape Trees
- Landscape Perimeter — PERIMETER #1
- Soil Boundary



VICINITY MAP

SCALE:1=2000'

SHEET INDEX

DESCRIPTION	SHEET No.
Supplemental and Landscape Plan	1 of 2
Forest Conservation Plan	2 of 2

SCHEDULE A PERIMETER LANDSCAPE EDGE

CATEGORY	ADJACENT TO ROADWAYS		ADJACENT TO PERIMETER PROPERTIES			
Perimeter/Frontage Designation	1		2	3		
Landscape Type	B		A	A		
Linear Feet of Roadway Frontage/Perimeter	471		253	310		
Credit for Existing Vegetation (Yes, No, Linear Feet)	No		No	No		
Remaining Perimeter Length						
Credit for Wall, Fence or Berm (Yes, No, Linear Feet)	No		No	No		
Remaining Perimeter Length						
Number of Plants Required						
Shade Trees	1:50	10	1:60	4	1:60	5
Evergreen Trees	1:40	12	-		-	
Shrubs	-		-		-	
Number of Plants Provided						
Shade Trees	10		4		5	
Evergreen Trees	12		-		-	
Other Trees (2:1 Substitution)	-		-		-	
Shrubs (10:1 Substitution) (Describe Plant Substitution Credits Below if needed)	-		-		-	

* Existing woods to remain

PLANT LIST CHART

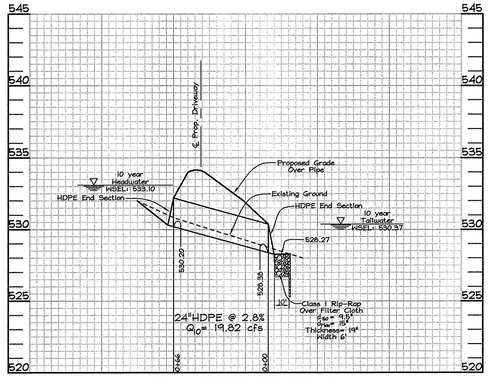
KEY	QUAN.	BOTANICAL NAME	SIZE	NOTE
⊕	10	Acer Rubrum October Glory Red Maple	2 1/2"-3" Cal.	B & B
⊙	9	Quercus coccinea Scarlet Oak	2 1/2"-3" Cal.	B & B
⊛	12	Thuja occidentalis 'Eastern Arborvitae'	5'-6' Ht.	B & B

LANDSCAPE NOTES

1. At the time of installment, all shrubs and other plantings herewith listed and approved for this site, shall be of the proper height requirements in accordance with the Howard County Landscaping Manual. In addition, no substitutions or relocation of required plantings may be made without prior review and approval from the Department of Planning and Zoning. Any deviation from this 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 revisions are made to applicable plans and certificates.
2. The owner, tenant, 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 condition, 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.
3. Financial surety for the required landscaping will be posted as part of the Developer's Grading Permit in the amount of $7,500.00 (19 shade trees @ $300.00 each and 12 evergreen trees @ $150.00 each) at Grading Plan Stage.
4. Perimeter landscaping shall be planted at the Grading Plan stage.

TYPICAL EVERGREEN TREE PLANTING DETAIL

NOT TO SCALE



CULVERT PROFILE

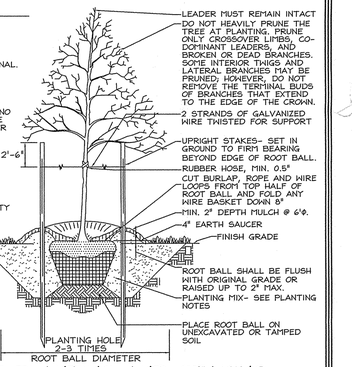
SCALE- HORIZONTAL: 1"=50'
VERTICAL: 1"=5'

GENERAL NOTES

1. The subject property is zoned RC-DEO per the 02/02/04 Comprehensive Zoning Plan.
2. Reference: Plat #10365
3. Coordinates based on NAD '83, Maryland Coordinate System as projected by Howard County. Geodetic Control Stations no. 08GA and no. 08GB. ⊕ Denotes approximate location (see location map).
   Sta. 08GA N 183,540.3179 (meters) E 394,654.2750 (meters) Elev. 168.07 (meters)
   N 602,165.193 (feet) E 1,294,794.900 (feet) Elev. 551.429 (feet)
   Sta. 08GB N 184,027.8674 (meters) E 394,683.8408 (meters) Elev. 173.8522 (meters)
   N 603,764.828 (feet) E 1,294,891.901 (feet) Elev. 570.380 (feet)
4. Topography for Lot 11 is Field Run in two (2) foot increments by FSH Associates, Registered Land Surveyor, in Sept. 2002. Topography for Lot 10 and offsite is Howard County aerial topographic survey in two (2) foot increments.
5. Contractor to confirm all dimension, utilities and topography in the field. If any conflicts arise, contact Engineer before beginning any work.
6. Driveway entrance to be constructed in accordance with Howard County Standard Detail R.6.06.
7. Private water and sewer will be used within this site.
8. Basement will not sewer by gravity. Effluent Pump required in Septic Tank.
9. ▨ This area designates a private sewage easement, of at least 10,000 sf as required by the Maryland State Department of the Environment for individual sewage disposal (COMAR 26.04.03). Improvements of any nature in this area are restricted until public sewerage is available. These easements shall become null and void upon connection to a public sewerage system. The County Health Officer shall have the authority to grant adjustments to the private sewage easement. Recordation of a modified sewage easement shall not be necessary.
10. Howard County Soil Map #6
11. Septic Fields are located on soil types GIB2, as per the soil survey of Howard County.
12. Plat No. 8574 shows a Floodplain on existing lot 8. Upon further investigation, there are no areas with 30 acres of land, or more, draining to any portion of the lot. Therefore, the existing 100 Year Floodplain, Drainage and Utility Easement has been removed.
13. Stormwater Management is provided as follows: WQv and Rev is provided by Rooftop and Non-rooftop disconnects and by the Grass Channel credits. This site is exempt from CPv requirements.
14. The lots shown hereon comply with the minimum ownership, width and lot area as required by the Maryland State Department of the Environment.
15. All wells to be drilled prior to submittal of record plat for signature. It is the developer's responsibility to schedule the well drilling prior to final plat submission. It will not be considered 'government delay' if the well drilling holds up the Health Department signature of the record plat.

NOTES

1. CONSULT INTERNATIONAL SOCIETY OF ARBORICULTURE GUIDELINES FOR FURTHER DETAILS OF PLANTING SPECIFICATIONS, OR CONSULT WITH A QUALIFIED PROFESSIONAL.
2. EACH TREE SHALL BE PLANTED SUCH THAT THE TRUNK FLARE IS VISIBLE AT THE TOP OF THE ROOT BALL.
3. STAKES SHALL BE REMOVED NO LATER THAN THE END OF THE FIRST GROWING SEASON AFTER PLANTING.
4. PLACE UPRIGHT STAKES PARALLEL TO WALKS & BUILDINGS.
5. KEEP MULCH 1" FROM TRUNK
6. SEE ARCHITECTURAL PLANS FOR ADDITIONAL PLANTINGS WHICH EXCEED HOWARD COUNTY MINIMUM REQUIREMENTS.
7. TREES ARE NOT TO BE PLANTED OVER PRIVATE/PUBLIC SEWAGE EASEMENT.



TYPICAL TREE PLANTING AND STAKING

DECIDUOUS TREES UP TO 2-1/2" CALIPER NOT TO SCALE

SOILS LEGEND

SYMBOL	NAME / DESCRIPTION	SOIL GROUP
CuB	Comus Silt Loam, local alluvium, 3 to 8 percent slopes	B
GIA	Glenelg loam, 0 to 3 percent slopes	B
GIB2	Glenelg loam, 3 to 8 percent slopes, moderatley eroded	B
GIC2	Glenelg loam, 8 to 15 percent slopes, moderatley eroded	B
MIC3	Manor loam, 8 to 15 percent slopes, severely eroded	B

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(1) YEAR GUARANTEE OF PLANT MATERIALS, WILL BE SUBMITTED TO THE DEPARTMENT OF PLANNING AND ZONING.

SIGNATURE OF DEVELOPER DATE

OWNER/DEVELOPER

Richard H. Nunn
Soon D. Choi
1815 Boka Valley Court
Woodbine, Maryland 21797
410.977.7754

SUPPLEMENTAL AND LANDSCAPE PLAN

BOKA VALLEY

LOTS 10 & 11

TAX MAP 8 GRID 19 — PARCEL 43
4TH ELECTION DISTRICT — HOWARD COUNTY, MARYLAND

FSH Associates
Engineers Planners Surveyors
8318 Forrest Street Ellicott City, MD 21043
Tel:410-750-2251 Fax: 410-750-7350
E-mail: info@fsha.biz

DESIGN BY: PS
DRAWN BY: MY/HK
CHECKED BY: ZYF
SCALE: As Shown
DATE: Nov. 04, 2005
W.O. No.: 3079
SHEET No.: 1 OF 2

F-06-027

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