

**SITE DATA**

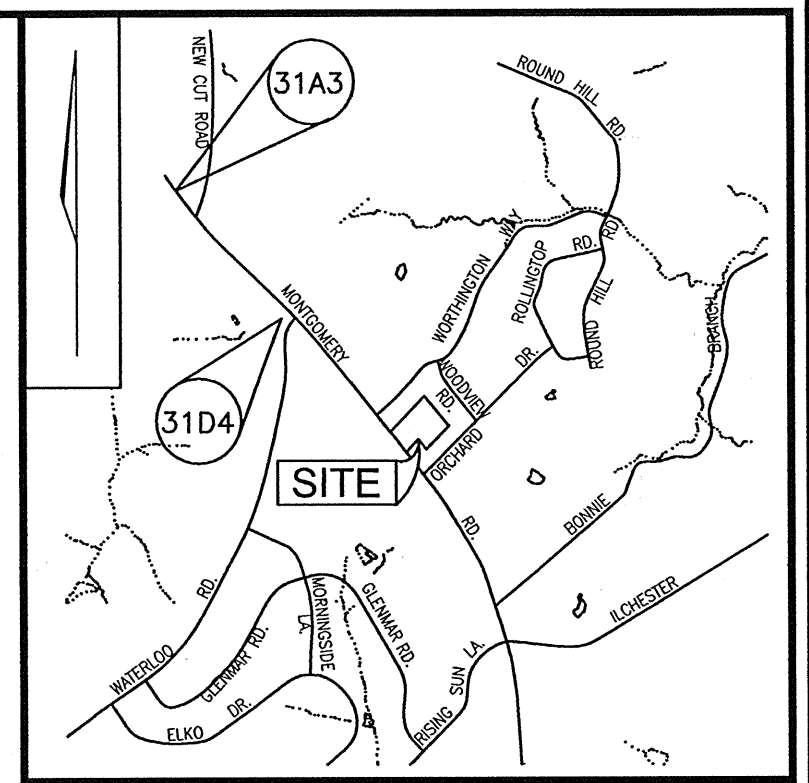
LOCATION: TAX MAP 31 PARCEL 501  
 DEED REFERENCE: 903-1864  
 2ND ELECTION DISTRICT  
 EXISTING ZONING: R-20  
 GROSS AREA OF PARCEL: 176,687 SF (4.06 AC)  
 AREA OF RIGHT OF WAY: 5,817 SF (0.13 AC) TO BE DEDICATED TO HOWARD COUNTY  
 AREA OF FLOODPLAIN: 0.00 AC  
 AREA OF STEEP SLOPES: 0.00 AC  
 NET AREA OF PROJECT: 4.06 AC  
 NUMBER OF RESIDENTIAL LOTS ALLOWED: 2 UNITS PER ACRE = 8 LOTS  
 NUMBER OF RESIDENTIAL LOTS PROPOSED: 8 LOTS  
 AREA OF PROPOSED RESIDENTIAL LOTS: 133,888 SF (3.07 AC)  
 AREA OF SMALLEST BUILDABLE LOT PROPOSED: 16,022 SF  
 NUMBER OF PROPOSED OPEN SPACE LOTS: 1 LOT (LOT 9)  
 CREDITED OPEN SPACE (EXCLUDING PIPESTEM): 35,372 SF  
 NON-CREDITED OPEN SPACE: 1,106 SF (PIPESTEM)  
 AREA OF OPEN SPACE REQUIRED: 35,337 SF (20% x 176,687 SF)  
 TOTAL AREA OF OPEN SPACE PROPOSED: 36,478 SF

**GENERAL NOTES**

- THIS SUBDIVISION COMPLIES WITH THE 4TH EDITION OF THE SUBDIVISION AND LAND DEVELOPMENT REGULATIONS AND THE 1993 ZONING REGULATIONS, AS AMENDED BY COUNCIL BILL 50-2001.
- THE PROJECT BOUNDARY IS BASED ON A BOUNDARY SURVEY PERFORMED BY FREDERICK WARD ASSOCIATES, INC DATED JANUARY 7, 2002.
- THE TOPOGRAPHY SHOWN HEREON IS BASED ON A FIELD RUN TOPOGRAPHIC SURVEY PERFORMED BY FREDERICK WARD ASSOCIATES, INC DATED JANUARY 7, 2002.
- FOREST STAND DELINEATION PLAN PREPARED BY EXPLORATION RESEARCH, INC. DATED AUGUST, 2001.
- APFO TRAFFIC STUDY PREPARED BY THE TRAFFIC GROUP DATED AUGUST, 2001.
- A NOISE STUDY WAS PERFORMED BY FREDERICK WARD ASSOCIATES, INC. DATED AUGUST, 2001.
- THERE ARE NO FLOODPLAINS ON SITE.
- THERE ARE NO WETLANDS LOCATED ON SITE AS PER S-02-06.
- THERE ARE NO STEEP SLOPES ONSITE WITH A CONTIGUOUS AREA OF 20,000 SF OR GREATER.
- THIS SITE IS NOT LOCATED IN A HISTORIC DISTRICT.
- TO THE BEST OF THE OWNERS KNOWLEDGE, THERE ARE NO BURIAL/CEMETARY LOCATIONS ON SITE.
- THIS PROPERTY IS LOCATED WITHIN THE METROPOLITAN DISTRICT.
- STORMWATER MANAGEMENT IS PROVIDED BY EXTENDED DETENTION OF THE 1 YEAR STORM (WQ) AND 10 YEAR MANAGEMENT. CPV IS NOT REQUIRED SINCE THE 1 YEAR STORM RUNOFF IS LESS THAN 2 CFS. THE STORM WATER MANAGEMENT FACILITY IS A (P-5) POCKET POND AND WILL BE PRIVATELY OWNED AND MAINTAINED BY THE HOA AND HOWARD COUNTY. HAZARD CLASS A PROVIDE A CLAY LINER FROM BOTTOM OF FACILITY TO ELEVATION 491.10.
- SEDIMENT AND EROSION CONTROL WILL BE PROVIDED FOR THIS SITE.
- WATER FOR THIS PROJECT WILL BE PUBLIC AND IS CONNECTED BY CONTRACT NO. 64-W.
- SEWER FOR THIS PROJECT WILL BE PUBLIC AND IS CONNECTED BY CONTRACT NO. 865-S.
- STREET TREES WILL BE PROVIDED FOR THIS SUBDIVISION IN ACCORDANCE WITH SECTION 16.124(e)(1) OF THE SUBDIVISION REGULATIONS AND THE LANDSCAPE MANUAL.
- STREET LIGHTING WILL BE PROVIDED FOR THIS SITE.
- TRASH COLLECTION AND RECYCLING WILL BE CURBSIDE PICKUP AT THE INTERSECTION OF KRAMER ROAD AND MONTGOMERY ROAD.
- ALL LANDSCAPING REQUIREMENTS AS SET FORTH IN SECTION 16.124 OF THE HOWARD COUNTY SUBDIVISION REGULATIONS AND THE LANDSCAPE MANUAL SHALL BE COMPLIED WITH. FINANCIAL SURETY FOR THE REQUIRED 50 SHADE TREES, 26 EVERGREEN TREES AND 2 SHRUBS IN THE AMOUNT OF \$18,960 WILL BE POSTED AS PART OF THE DEVELOPER'S AGREEMENT.
- THE TOTAL FOREST CONSERVATION REQUIREMENTS PER SECTION 16.1202 OF THE HOWARD COUNTY CODE AND THE FOREST CONSERVATION MANUAL FOR THIS SUBDIVISION IS 0.61 AC OF AFFORESTATION AND WILL BE FULFILLED BY THE AFFORESTATION OF 0.28 AC LOCATED IN OPEN SPACE LOT 9 AND A FEE-IN-LIEU OF 0.33 AC IN THE AMOUNT OF \$7,188.
- WAIVER TO SECTION 16.121(e)(1) OF THE HOWARD COUNTY SUBDIVISION AND LAND DEVELOPMENT REGULATIONS APPROVED 1/18/02 TO ALLOW OPEN SPACE ACCESS FRONTAGE ON A PUBLIC ROAD TO BE LESS THAN 40'. (WP-02-52)
- WAIVER TO SECTION 16.120(a)(1) OF THE HOWARD COUNTY SUBDIVISION AND LAND DEVELOPMENT REGULATIONS APPROVED 1/18/02 TO ALLOW DIRECT ACCESS TO A MINOR ARTERIAL ROADWAY (MD ROUTE 103). (WP-02-52)
- FOR FLAG OR PIPE STEM LOTS, REFUSE COLLECTION, SNOW REMOVAL AND ROAD MAINTENANCE TO BE PROVIDED AT THE JUNCTION OF FLAG OR PIPE STEM AND THE ROAD R/W AND NOT ONTO THE FLAG OR PIPE STEM DRIVEWAY.

# PRELIMINARY PLAN WORTHINGTON WEST LOTS 1-8 AND OPEN SPACE LOT 9

BENCHMARKS				
NO.	NORTHING	EASTING	ELEVATION	TYPE
31D4	571700.659	1369606.281	495.179	CONC. MON.
31A3	573217.877	1368237.662	487.641	CONC. MON.



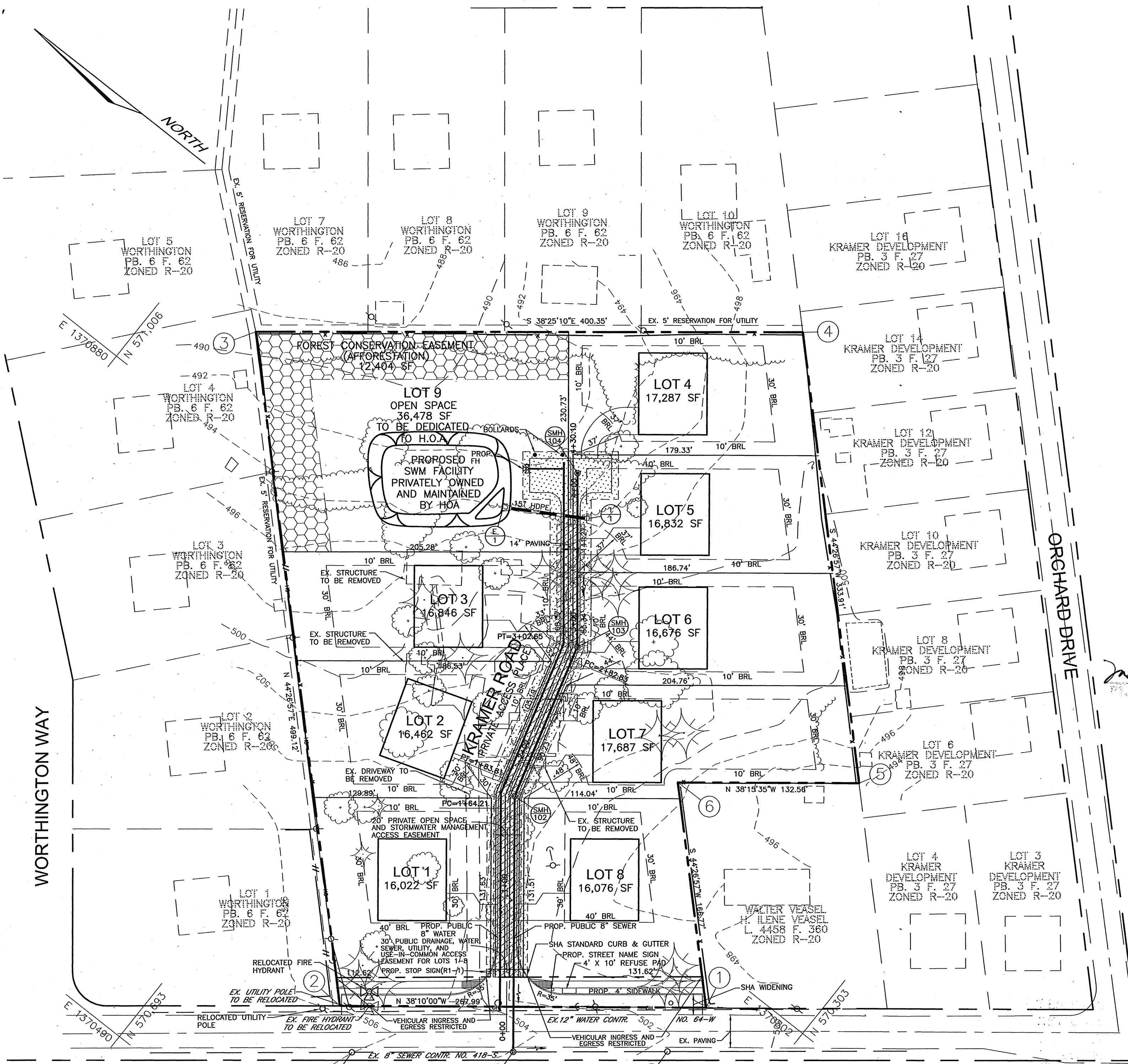
VICINITY MAP  
 SCALE: 1"=2000'

LEGEND	
---202---	EXISTING 2 FT CONTOUR
---200---	EXISTING 10 FT CONTOUR
---200---	PROPOSED 2 FT CONTOUR
---200---	PROPOSED 10 FT CONTOUR
---SSF---	SUPER SILT FENCE
---	LIMIT OF DISTURBANCE
---	EXISTING TREELINE
---	PROPOSED TREELINE
---	EARTH DIKE
---	PROPOSED STREET LIGHT
---	PROPOSED STREET TREE
---	NO WOODY VEGETATION BUFFER
---	PUBLIC WATER, SEWER, AND UTILITY EASEMENT
---	PRIVATE OPEN SPACE ACCESS EASEMENT
---	FOREST CONSERVATION EASEMENT (RETENTION)
---	STABILIZED CONSTRUCTION ENTRANCE

COORDINATE TABLE		
NO.	NORTHING	EASTING
1	570370.54	1370773.38
2	570581.24	1370607.78
3	570937.54	1370957.30
4	570623.88	1371206.08
5	570385.51	1370972.25
6	570489.59	1370890.17

MINIMUM LOT SIZE CHART			
LOT NO.	GROSS AREA	PIPESTEM AREA	MINIMUM LOT SIZE
2	16,462 SF	452 SF	16,010 SF
3	16,846 SF	824 SF	16,022 SF
4	17,287 SF	1,281 SF	16,006 SF
5	16,832 SF	832 SF	16,000 SF
6	16,676 SF	668 SF	16,008 SF
7	17,687 SF	325 SF	17,362 SF
9	36,478 SF	1,106 SF	35,372 SF

SHEET INDEX	
DESCRIPTION	SHEET NO.
SITE LAYOUT PLAN	1
GRADING, SEDIMENT, AND EROSION CONTROL PLAN	2
FOREST CONSERVATION AND LANDSCAPING PLAN	3



TENTATIVELY APPROVED  
 DATE OF PLANNING AND  
 CONTROL BY  
 HOWARD COUNTY  
 March 2, 2004  
 PLANNING BOARD  
 HB AND DATE

STORMWATER MANAGEMENT REQUIREMENTS - AREA 'A'					
AREA	REQUIREMENT	VOLUME REQUIREMENT WITHOUT CREDITS	CREDITS	VOLUME REQUIREMENT WITH CREDITS	NOTES
3.16 AC.					
1	WATER QUALITY VOLUME (WQV)	0.08 AC. FT.	0.63 AC. TO GRASS CHANNEL	0.02 AC. FT.	1 YEAR EXTENDED DETENTION
2	RECHARGE VOLUME (REV)	0.02 AC. FT. OR 0.24 AC.	0.53 AC. TO GRASS CHANNEL	0	
3	CHANNEL PROTECTION VOLUME (CPV)	N/A	N/A	N/A	1 YEAR RUNOFF LESS THAN 2 CFS
4	OVERHEAD FLOOD PROTECTION (O <sub>10</sub> P)	0.10 AC. FT.	N/A	0.10 AC. FT.	
5	EXTREME FLOOD VOLUME (O <sub>100</sub> P)	N/A	N/A	N/A	

STORMWATER MANAGEMENT REQUIREMENTS - AREA 'B'					
AREA	REQUIREMENT	VOLUME REQUIREMENT WITHOUT CREDITS	CREDITS	VOLUME REQUIREMENT WITH CREDITS	NOTES
0.90 AC.					
1	WATER QUALITY VOLUME	0.006 AC. FT.	-	0.006 AC. FT.	
2	RECHARGE VOLUME (REV)	0.002 AC. FT. OR 0.07 AC.	0.07 AC. TO GRASS CHANNEL	0	
3	CHANNEL PROTECTION VOLUME (CPV)	N/A	N/A	N/A	1 YEAR RUNOFF LESS THAN 2 CFS
4	OVERHEAD FLOOD PROTECTION (O <sub>10</sub> P)	N/A	N/A	N/A	
5	EXTREME FLOOD VOLUME (O <sub>100</sub> P)	N/A	N/A	N/A	

MONTGOMERY ROAD  
 MD RTE. 103  
 MINOR ARTERIAL  
 EX. 40' R/W  
 PROP. 40' 1/2 R/W

PLAN  
 SCALE: 1"=50'

**SITE LAYOUT PLAN  
 WORTHINGTON WEST  
 LOTS 1 - 8 AND OPEN SPACE LOT 9**  
 DPZ REF: S-02-06 AND WP-02-52  
 TAX MAP 31 BLOCK 14 PARCEL 501  
 2ND ELECTION DISTRICT HOWARD COUNTY, MARYLAND

**ROBERT H. VOGEL  
 ENGINEERING, INC.**  
 ENGINEERS • SURVEYORS • PLANNERS  
 8407 MAIN STREET TEL: 410.461.7666  
 ELLICOTT CITY, MD 21043 FAX: 410.461.8961

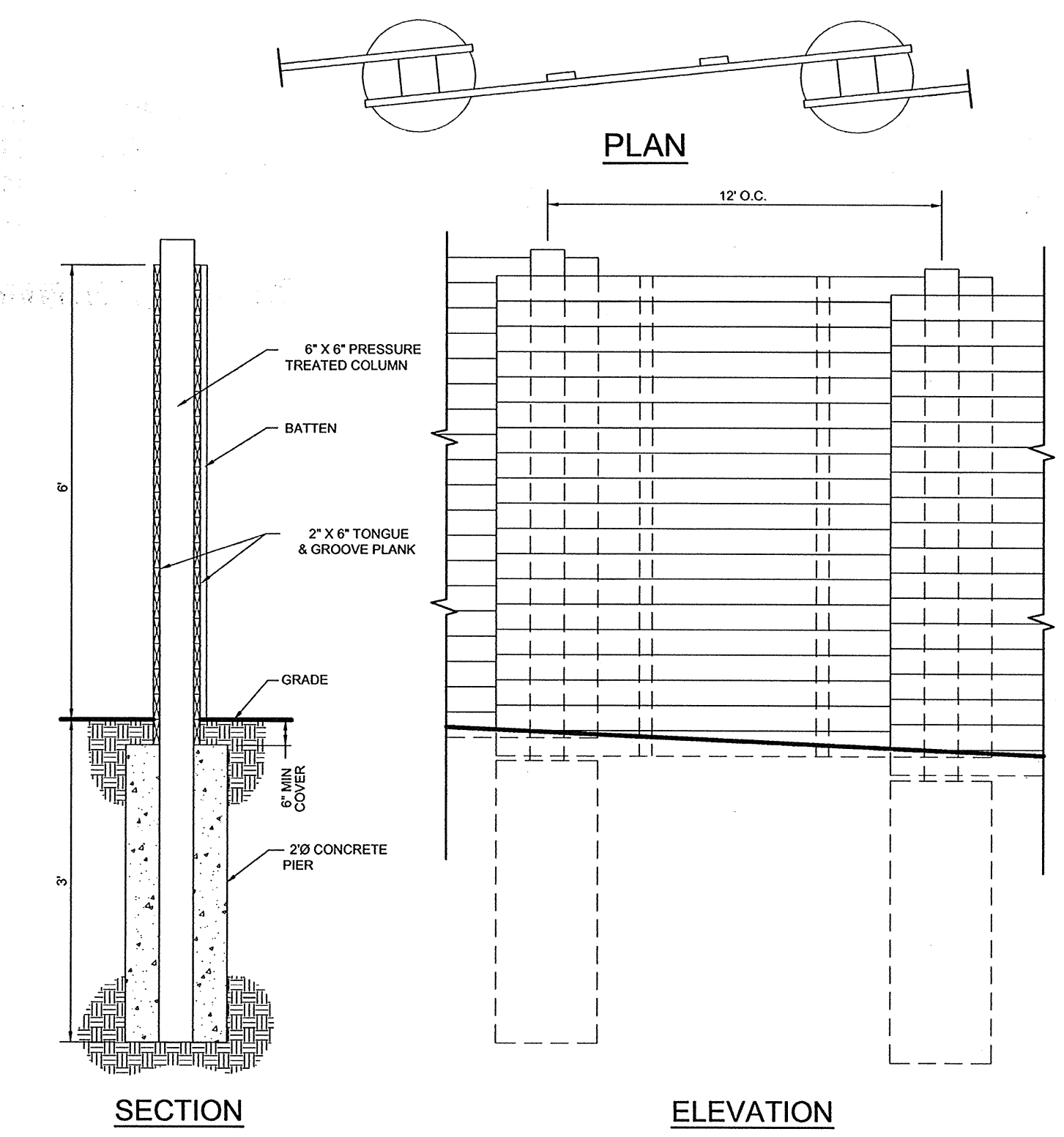
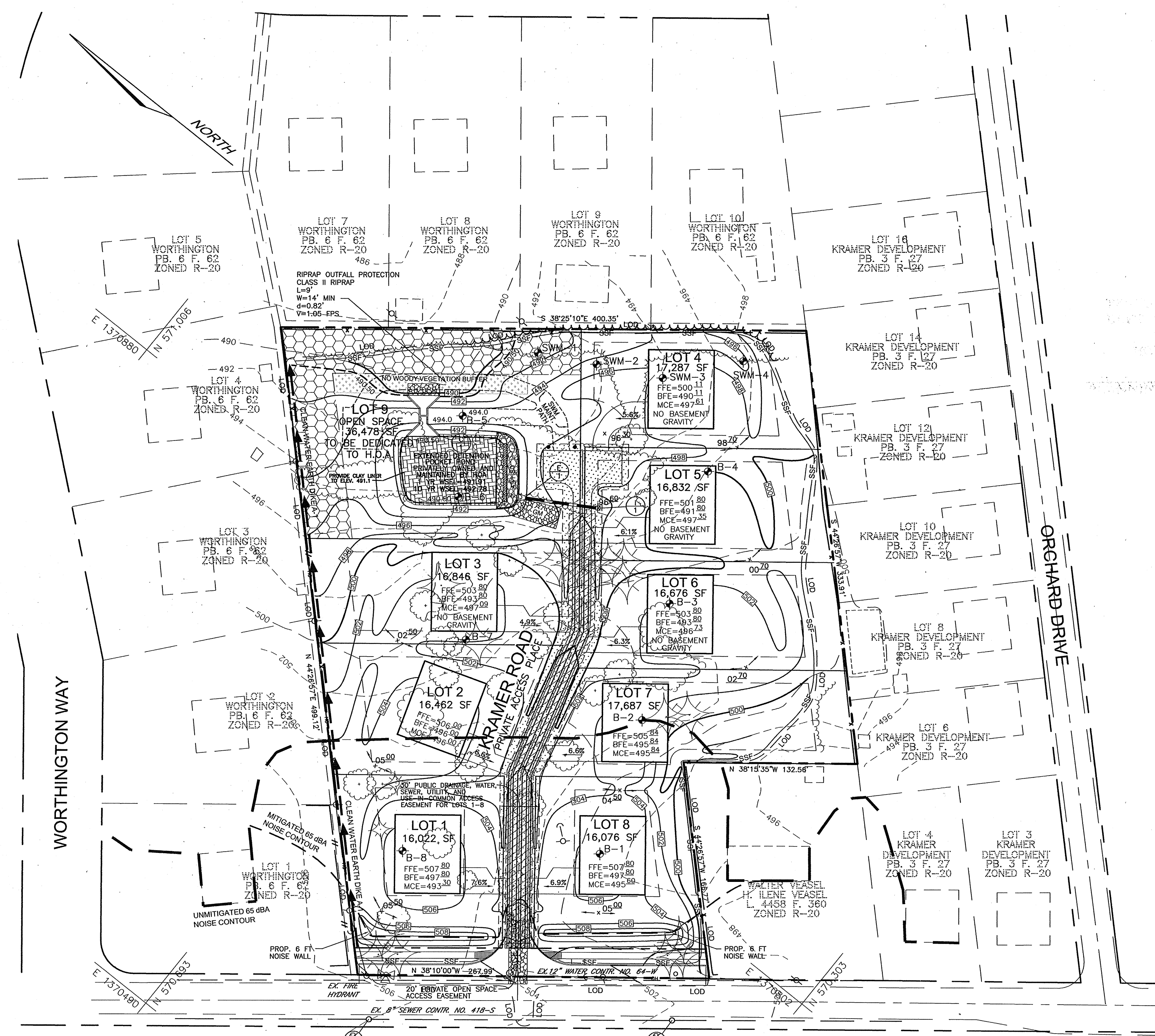
**OWNER**  
 MARIE & CHARLES T. DEEGAN JR  
 5015 MONTGOMERY ROAD  
 ELLICOTT CITY, MARYLAND 21043

**DEVELOPER**  
 FORTY WEST BUILDERS  
 3230 WEST BETHANY LANE  
 ELLICOTT CITY, MARYLAND 21042  
 (410) 203-9980

DESIGN BY: JTJCO  
 DRAWN BY: JT  
 CHECKED BY: RHV  
 DATE: SEPTEMBER, 2004  
 SCALE: AS NOTED  
 W.O. NO.: 00-158

1 SHEET OF 3

LEGEND	
---	EXISTING 2 FT CONTOUR
---	EXISTING 10 FT CONTOUR
---	PROPOSED 2 FT CONTOUR
---	PROPOSED 10 FT CONTOUR
---	SUPER SILT FENCE
---	L.O.D.
---	LIMIT OF DISTURBANCE
---	EXISTING TREELINE
---	PROPOSED TREELINE
---	EARTH DIKE
---	PROPOSED STREET LIGHT
---	PROPOSED STREET TREE
---	NO WOODY VEGETATION BUFFER
---	PUBLIC WATER, SEWER, AND UTILITY EASEMENT
---	PRIVATE OPEN SPACE ACCESS EASEMENT
---	FOREST CONSERVATION EASEMENT (RETENTION)
---	STABILIZED CONSTRUCTION ENTRANCE



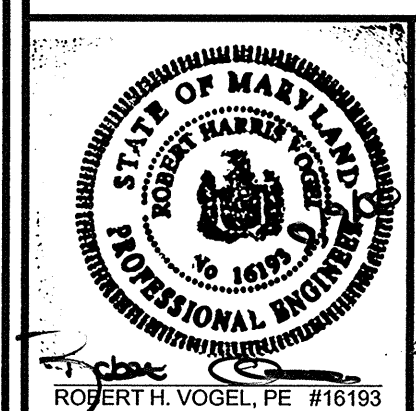
NOISE WALL DETAIL  
NOT TO SCALE

MONTGOMERY ROAD  
MD RTE. 103  
MINOR ARTERIAL  
EX. 40' R/W  
PROP. 40' 1/2 R/W  
PLAN  
SCALE: 1"=50'

TENTATIVELY APPROVED  
DEPT. OF PLANNING AND  
BONDING OF  
HOWARD COUNTY  
*Robert H. Vogel*  
PLANNING DIRECTOR 9/24/11

GRADING, SEDIMENT & EROSION CONTROL PLAN  
**WORTHINGTON WEST**  
LOTS 1 - 8 AND OPEN SPACE LOT 9  
DPZ REF: S-02-06 AND WP-02-52  
TAX MAP 31 BLOCK 14 PARCEL 501  
2ND ELECTION DISTRICT HOWARD COUNTY, MARYLAND

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DESIGN BY: JTJCO  
DRAWN BY: JT  
CHECKED BY: RHV  
DATE: SEPTEMBER, 2004  
SCALE: 1"=50'  
W.O. NO.: 00-158

**FOREST CONSERVATION WORKSHEET**

NET TRACT AREA:  
 A. TOTAL TRACT AREA 4.06 AC  
 B. AREA WITHIN 100 YEAR FLOODPLAIN 0.00 AC  
 C. AREA TO REMAIN IN AGRICULTURAL PRODUCTION 0.00 AC  
 D. NET TRACT AREA 4.06 AC

LAND USE CATEGORY (FROM TABLE 3.2.1, PAGE 40, MANUAL)  
 INPUT THE NUMBER "1" UNDER THE APPROPRIATE LAND USE ZONING, AND LIMIT TO ONLY ONE ENTRY.

ARA	MDR	IDA	HDR	MPD	CIA
0	1	0	0	0	0

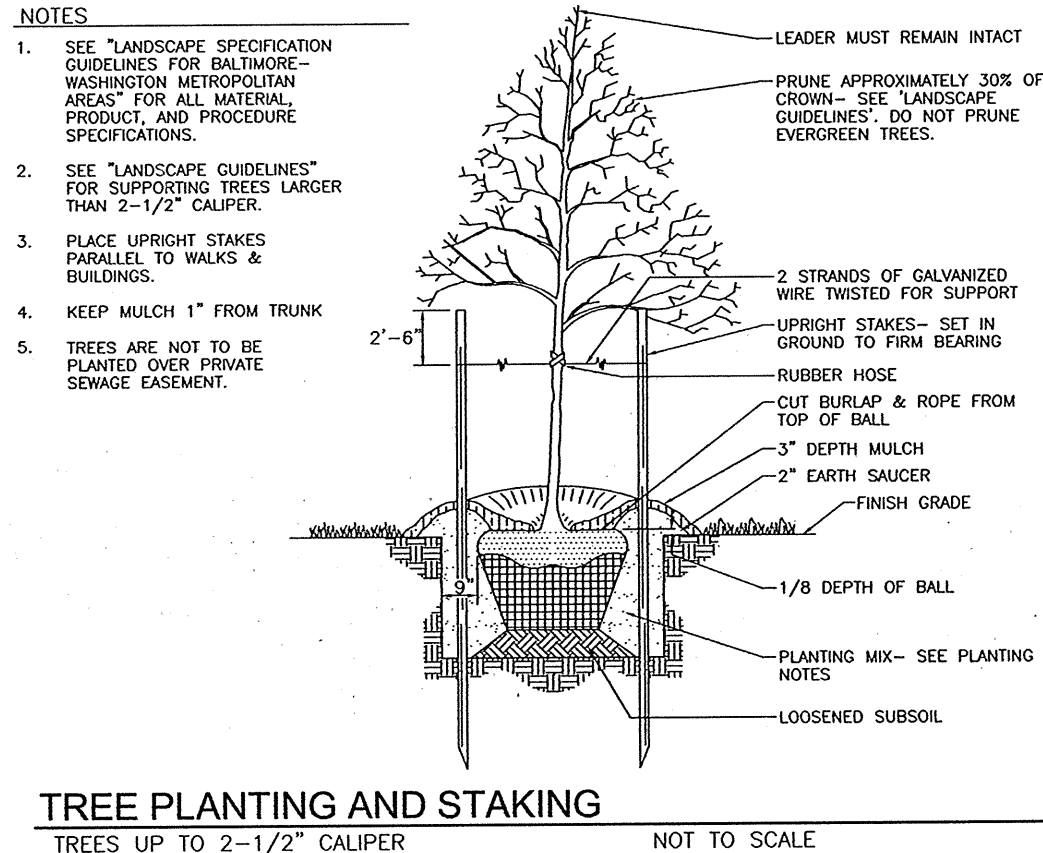
E. AFFOREST THRESHOLD 15% X D = 0.61 AC  
 F. CONSERVATION THRESHOLD 20% X D = 0.81 AC

EXISTING FOREST COVER:  
 G. EXISTING FOREST COVER (EXCLUDING FLOODPLAIN) = 0.00 AC  
 H. AREA OF FOREST ABOVE AFFORESTATION THRESHOLD = 0.00 AC  
 I. AREA OF FOREST ABOVE CONSERVATION THRESHOLD = 0.00 AC

BREAK EVEN POINT:  
 J. FOREST RETENTION WITH NO MITIGATION REQUIRED = 0.00 AC  
 K. CLEARING PERMITTED WITHOUT MITIGATION = 0.00 AC

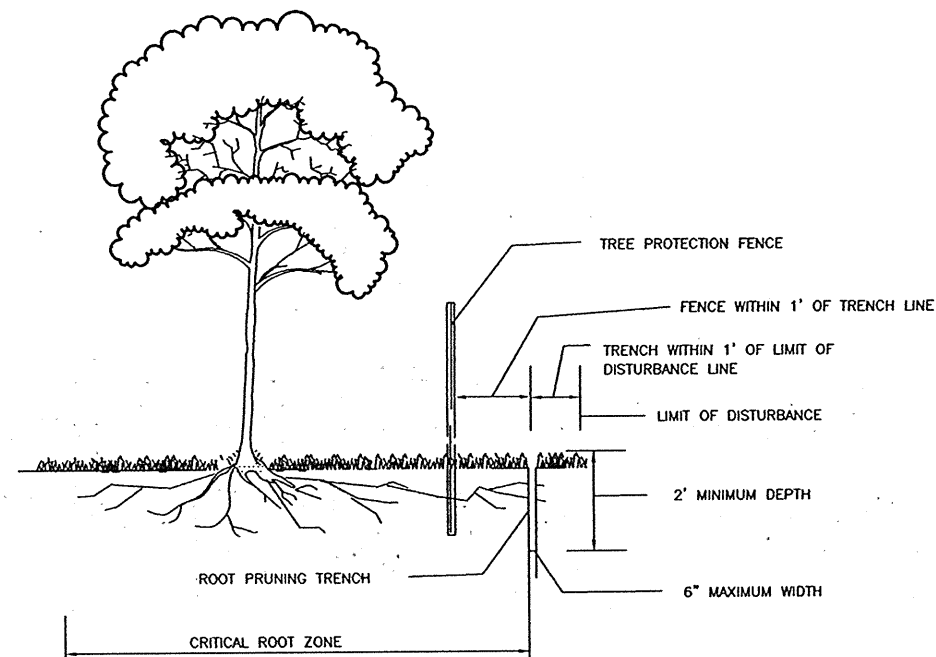
PROPOSED FOREST CLEARING:  
 L. TOTAL AREA OF FOREST TO BE CLEARED = 0.00 AC  
 M. TOTAL AREA OF FOREST TO BE RETAINED = 0.00 AC

PLANTING REQUIREMENTS:  
 N. REFORESTATION FOR CLEARING ABOVE CONSERVATION THRESHOLD = 0.00 AC  
 P. REFORESTATION FOR CLEARING BELOW CONSERVATION THRESHOLD = 0.00 AC  
 Q. CREDIT FOR RETENTION ABOVE CONSERVATION THRESHOLD = 0.00 AC  
 R. TOTAL REFORESTATION REQUIRED = 0.00 AC  
 S. TOTAL AFFORESTATION REQUIRED = 0.61 AC  
 T. TOTAL REFORESTATION AND AFFORESTATION REQUIRED = 0.61 AC



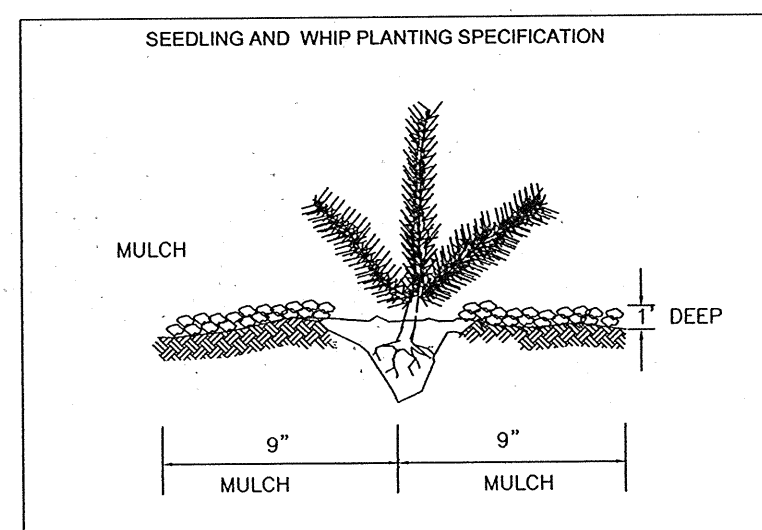
**TREE PLANTING AND STAKING**

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

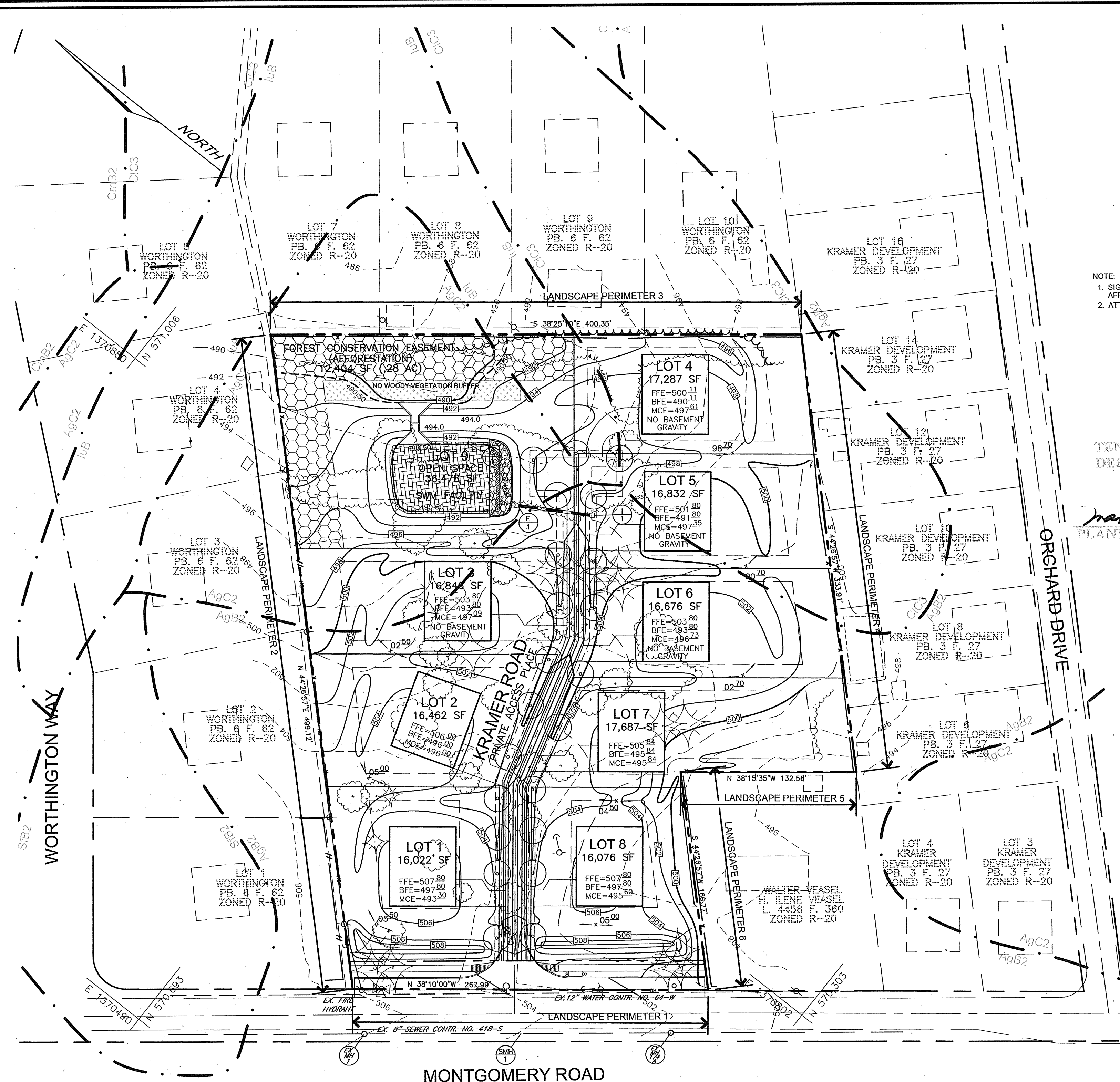


**ROOT PRUNING**

NTS



- NOTE: 1). PLANT MIX TO BE 1/3 PIONEER & 2/3 MID TO LATE SUCCESSIONAL SPECIES  
 2). PLANT LARGER STOCK AND EVERGREENS AROUND PERIMETER TO PROTECT INTERIOR SMALLER STOCK.  
 3). WHEN SHRUBS ARE SPECIFIED, PLANT THEM IN CLUSTERS.  
 4). DO NOT PLANT TREES IN A GRID PATTERN.



**MONTGOMERY ROAD**

MD RTE. 103  
 MINOR ARTERIAL  
 EX. 40' R/W  
 PROP. 40' 1/2 R/W

PLAN  
 SCALE: 1"=50'

**DENSITY CHART**

SIZE	QTY. PER ACRE	AVERAGE SPACING
1" CALIPER	200	15'x15'
WHIPS	360	11'x11'

**NOTES:**

1. RANDOMLY SPACE SEEDLINGS / WHIPS SO THAT NO MORE THAN 5 OF ANY PARTICULAR SPECIES ARE PLANTED IN SUCCESSION. PLANT 1" CAL TREES AROUND PERIMETER OF REFORESTATION AREA.
2. ALL PROPOSED PLANT MATERIAL TO BE NATIVE PLANT SPECIES. NO ORNAMENTAL CULTIVARS TO BE USED.
3. REFORESTATION MANAGEMENT RECORDS SHOULD BE KEPT FOR HOWARD COUNTY REVIEW.
4. YEAR 1: INSPECT TREES FOR HEALTH AND VIGOR AT: A. BEGINNING OF GROWING SEASON, B. MIDSUMMER AND C. FALL. ADJUST WATERING, PEST CONTROL, WEEDING AND FEEDING AS NEEDED. AFTER ONE-YEAR REPLACE ANY TREES THAT DID NOT SURVIVE DURING THE NEXT PLANTING SEASON.
5. YEAR 2: INSPECT TREES FOR HEALTH AND VIGOR IN APRIL & OCTOBER. ADJUST WATERING, PEST CONTROL, WEEDING AND FEEDING AS NEEDED. REPLACE ANY TREES THAT DID NOT SURVIVE YEAR 2 DURING THE NEXT PLANTING SEASON UP TO 50% OF ORIGINAL INSTALLATION.
6. CONTRACTOR TO FOLLOW ALL STATE AND COUNTY GUIDELINES FOR AFFORESTATION & REFORESTATION.
7. THE TOTAL FOREST CONSERVATION REQUIREMENTS PER SECTION 16.1202 OF THE HOWARD COUNTY CODE AND THE FOREST CONSERVATION MANUAL FOR THIS SUBDIVISION IS 0.61 AC OF AFFORESTATION AND WILL BE FULFILLED BY THE AFFORESTATION OF 0.28 AC. LOCATED IN OPEN SPACE LOT 9 AND A FEE-IN-LIEU OF 0.33 AC IN THE AMOUNT OF \$7,188.

**LEGEND**

- 202--- EXISTING 2 FT CONTOUR
- 200--- EXISTING 10 FT CONTOUR
- 200--- PROPOSED 2 FT CONTOUR
- 200--- PROPOSED 10 FT CONTOUR
- SF--- SUPER SILT FENCE
- LOD--- LIMIT OF DISTURBANCE
- E--- EXISTING TREELINE
- P--- PROPOSED TREELINE
- E--- EARTH DIKE
- S--- PROPOSED STREET LIGHT
- S--- PROPOSED STREET TREE
- NO WOODY VEGETATION BUFFER
- PUBLIC WATER, SEWER, AND UTILITY EASEMENT
- PRIVATE OPEN SPACE ACCESS EASEMENT
- FOREST CONSERVATION EASEMENT (RETENTION)
- STABILIZED CONSTRUCTION ENTRANCE

Min. 11"  
**FOREST CONSERVATION AREA**  
 DO NOT DISTURB  
 MACHINERY, DUMPING OR STORAGE OF ANY MATERIALS IS PROHIBITED  
 VIOLATORS ARE SUBJECT TO FINES AS IMPOSED BY THE MARYLAND FOREST CONSERVATION ACT OF 1991

- NOTE:  
 1. SIGNS TO BE PLACED APPROXIMATELY 50-100 FEET APART. CONDITIONS ON SITE AFFECTING VISIBILITY MAY WARRANT PLACING SIGNS CLOSER OR FURTHER APART.  
 2. ATTACHMENT OF SIGNS TO TREES IS PROHIBITED.

TENTATIVELY APPROVED  
 DEPT. OF PLANNING AND ZONING OF  
 HOWARD COUNTY  
 Mark A. Coughlin 9/24/04  
 PLANNING DIRECTOR DATE

**SCHEDULE A PERIMETER LANDSCAPE EDGE**

CATEGORY	ADJACENT TO ROADWAYS		ADJACENT TO PERIMETER PROPERTIES			
	1	2	3	4	5	6
Perimeter/Frontage Designation	B	A	A	A	A	A
Landscape Type	268'	499'	400'	334'	133'	167'
Linear Feet of Roadway Frontage/Perimeter						
Credit for Existing Vegetation (Yes, No, Linear Feet Describe below if needed)	No	No	No	No	No	No
Credit for Wall, Fence or Berm (Yes, No, Linear Feet Describe below if needed)	No	No	No	No	No	No
Number of Plants Required						
Shade Trees	6	9	7	6	3	3
Evergreen Trees	7	-	-	-	-	-
Shrubs	-	-	-	-	-	-
Number of Plants Provided						
Shade Trees	6	9	7	6	3	3
Evergreen Trees	7	-	-	-	-	-
Other Trees (2:1 Substitution) Shrubs (10:1 Substitution) Describe Plant Substitution Credits Below if needed)	-	-	-	-	-	-

**GENERAL NOTES**

1. FINANCIAL SURETY FOR THE REQUIRED LANDSCAPING MUST BE POSTED AS PART OF THE DEVELOPERS AGREEMENT IN THE AMOUNT OF \$18,960 FOR 50 SHADE TREES, 26 EVERGREEN TREES AND 2 SHRUBS.

**SCHEDULE D : STORMWATER MANAGEMENT AREA LANDSCAPING**

LINEAR FEET OF PERIMETER	760 LF
CREDIT FOR EXISTING VEGETATION (NO, YES AND LINEAR FEET)	N/A
CREDIT FOR OTHER LANDSCAPING (NO, YES AND %)	N/A
NUMBER OF TREES REQUIRED	(760 LF) 16 SHADE TREES 19 EVERGREEN TREES
NUMBER OF TREES PROVIDED	16 SHADE TREES 19 EVERGREEN TREES 0 TREES (0 SUBSTITUTION TREES)

TRASH PAD LANDSCAPING			STREET TREES	
SYM.	QTY.	DESCRIPTION	NUMBER OF STREET TREES REQUIRED	NUMBER OF STREET TREES PROVIDED
⊕	2	ROUNDLEAF JAPANESE HOLLY	22	22

**SOILS LEGEND**

SYMBOL	NAME / DESCRIPTION	TYPE
AgB2	AURA GRAVELLY LOAM, 1 TO 5 PERCENT SLOPES, MODERATELY ERODED	B
AgC2	AURA GRAVELLY LOAM, 5 TO 10 PERCENT SLOPES, MODERATELY ERODED	B
CiC3	CHILLUM GRAVELLY LOAM, 5 TO 10 PERCENT SLOPES, SEVERELY ERODED	B
CiD2	CHILLUM GRAVELLY LOAM, 10 TO 15 PERCENT SLOPES, MODERATELY ERODED	B
CmB2	CHILLUM SILT LOAM, 1 TO 5 PERCENT SLOPES, MODERATELY ERODED	B
IuB	IUKA LOAM, LOCAL ALLUVIUM, 1 TO 5 PERCENT SLOPES	C
SfB2	SASSAFRAS GRAVELLY SANDY LOAM, 1 TO 5 PERCENT SLOPES, MODERATELY ERODED	B

NOTE: HOWARD SOIL SURVEY, MAP NUMBER 20

**FOREST CONSERVATION AND LANDSCAPING PLAN**  
**WORTHINGTON WEST**  
 LOTS 1 - 8 AND OPEN SPACE LOT 9  
 DPZ REF: S-02-06 AND WP-02-52

TAX MAP 31 BLOCK 14 PARCEL 501  
 2ND ELECTION DISTRICT HOWARD COUNTY, MARYLAND

**ROBERT H. VOGEL ENGINEERING, INC.**  
 ENGINEERS • SURVEYORS • PLANNERS  
 8407 MAIN STREET SUITE 104 TEL: 410.461.7666  
 ELICOTT CITY, MD 21043 FAX: 410.461.6961

DESIGN BY: JTJCO  
 DRAWN BY: JT  
 CHECKED BY: RHY  
 DATE: SEPTEMBER, 2004  
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 W.G. NO.: 00-158

3 SHEET OF 3