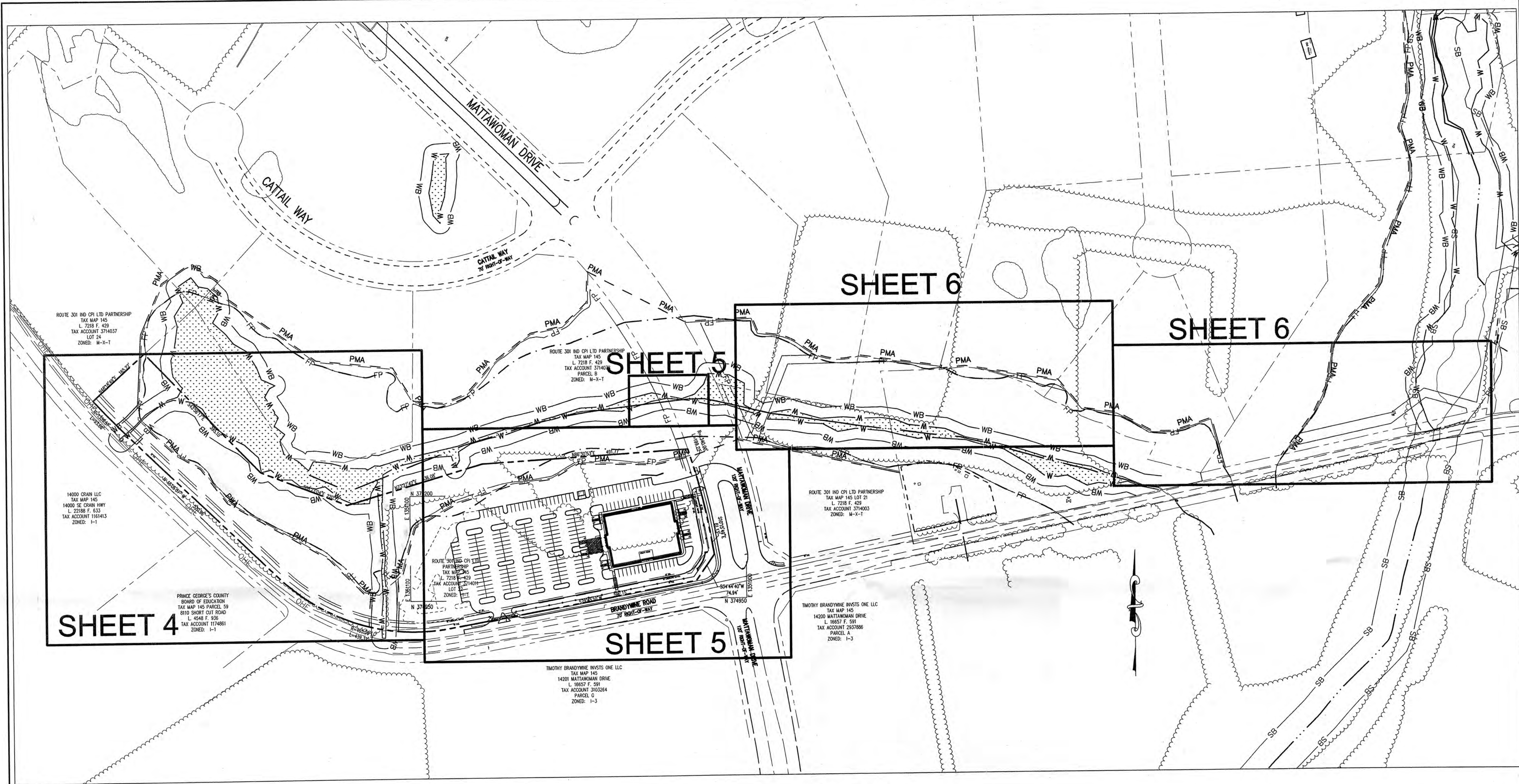




LOCATION PLAN
1"=120'

LEGEND

PROPERTY LINE		EXISTING WETLANDS	
EXISTING TREELINE		EXISTING WETLANDS BUFFER	
100-YEAR FLOODPLAIN EASEMENT RECORDED ON PLAT		EX. STREAM BUFFER	
100-YEAR FLOODPLAIN (EXISTING)			
100-YEAR FLOODPLAIN (DEVELOPED)			
PRIMARY MANAGEMENT AREA (PMA)			
EX. STREAM			

M.N.C.P.P.C. APPROVALS			
PROJECT NAME: STEPHEN'S CROSSING			
PROJECT NUMBER: DSP-09011			
For Conditions of Approval See Site Plan Cover Sheet or Approval Sheet The Revisions Listed Below Apply to this Sheet			
Approval or Revision #	Approval Date	Reviewer Signature	Certification Date
	6-13-11	JK	8-3-11

BEFORE BEGINNING CONSTRUCTION CONTACT
"MISS UTILITY"
AT
1-800-257-7777
AT LEAST 48 HOURS PRIOR TO EXCAVATION

M-NCPPC	
Prince George's County Planning Department Environmental Planning Section	
APPROVAL	
TREE CONSERVATION PLAN	
TCP2-055-09	
Approved by	Date
	8/2/11
01	
02	
03	
04	
05	

LOCATION PLAN

DSP09011



PHRA

DESIGNED: PHRA
DRAWN: ALC
DATE: 7/8/11
SCALE: AS SHOWN
FILE NO: 13657-1-3
SHEET: 3 OF 7

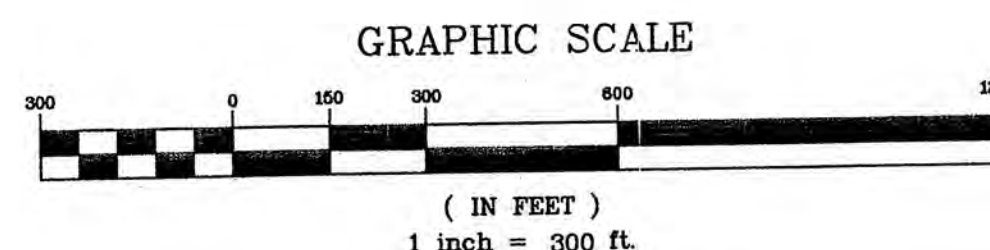
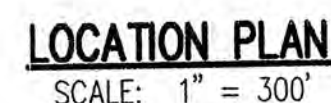
OWNER: ROUTE 301 IND CPT LTD PARTNERSHIP
CAPITOL PROPERTIES
10000 WOODWARD ROAD, SUITE 701
WARRENTON, VA 20188

DEVELOPER: GREATER METROPOLITAN ORTHOPEDIC
8926 WOODWARD ROAD, SUITE 701
CLINTON, MD 20735

Patton Harris Rust & Associates
Engineers, Surveyors, Planners, Landscape Architects.
8818 Centre Park Drive Columbia, MD 21045
T 410-697-5282 F 410-697-5282

PLANTING SPECIFICATIONS

- TREE CONSERVATION PLAN II
STEPHEN'S CROSSING
LOT 22
11TH ELECTION DISTRICT
PRINCE GEORGE'S COUNTY, MARYLAND



SIGNED: 
PETER J. STONE, RLA,
PATTON HARRIS RUST
8818 CENTRE PARK DR
COLUMBIA, MD 21045
410-997-8900
Peter.Stone@ohra.com

DATE: 7.13.11

[illegible]

M-NCPPC
Prince George's County Planning Department
Environmental Planning Section
APPROVAL
TREE CONSERVATION PLAN
TCP2-055-09

	Approved by	Date
01	K. Funch	8/2/11
02		
03		
04		
05		

TITLE SHEET

0 SP09011

SEAL

APPROVED PLAN

3068

STATE OF NEW YORK

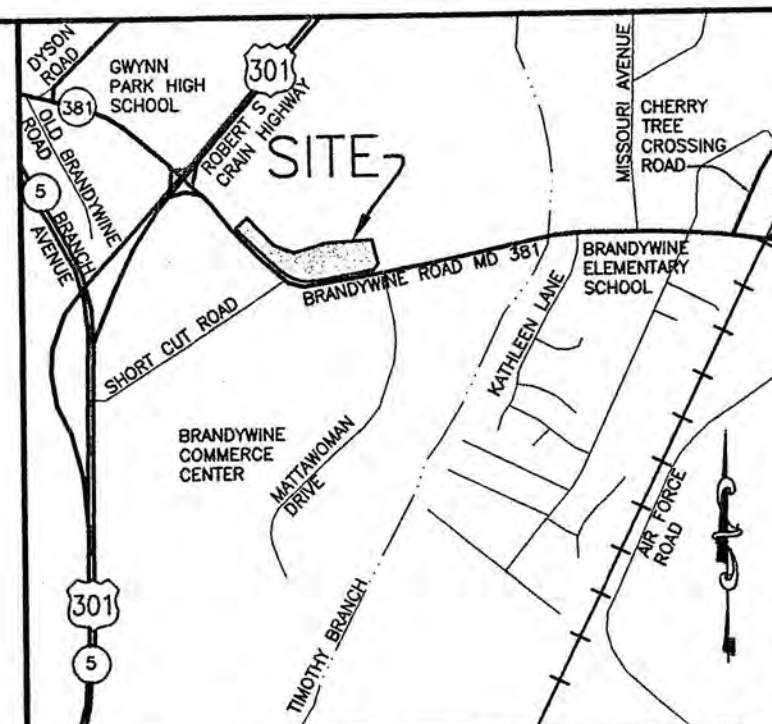
PETER J. STONE

MEMBER EXAMINER OF LANDSCAPE ARCHITECTS

BY: *[Signature]* 7.13

$$P_H R^+ \Lambda$$

DESIGNED: PHRA	FILE NO: 13657-1-3
DRAWN: ALC	
DATE: 7/8/11	
SCALE: AS SHOWN	SHEET: 1 OF 7



VICINITY MAP
SCALE: 1"=2000'

OWNER: ROUTE 301 IND CP LTD PARTNERSHIP
ATTN: BRIAN ATUEV

DEVELOPER:
GREATER METROPOLITAN ORTHOPEDIC
ATTN: TAYLOR WATKINS
8926 WOODYARD ROAD, SUITE 701
FARMERS BRANCH, MO 63026

Patton Harris Rust & Associates
Engineers. Surveyors. Planners. Landscape Architects.
8818 Centre Park Drive Columbia, MD 21045

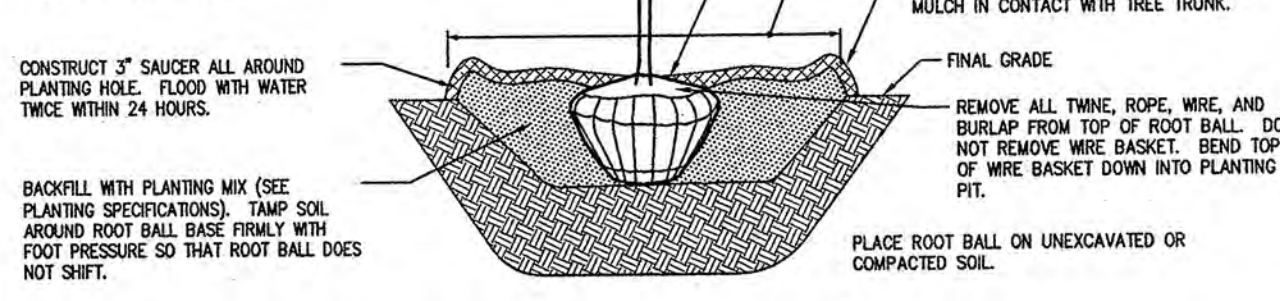
BEFORE BEGINNING CONSTRUCTION
CONTACT
"MISS UTILITY"
AT
1-800-257-7777
AT LEAST 48 HOURS
PRIOR TO EXCAVATION

STEPHEN'S CROSSING
TAX MAP 145 LOT 22
ATTAWANM DRIVE & BRANDYWINE ROAD
BRANDYWINE, MD 20613
11th ELECTION DISTRICT
PRINCE GEORGE'S COUNTY, MARYLAND

P:\Project\13657\1-3\Land_Dev\PLANS\C300TCPII01.DWG

NOTES:

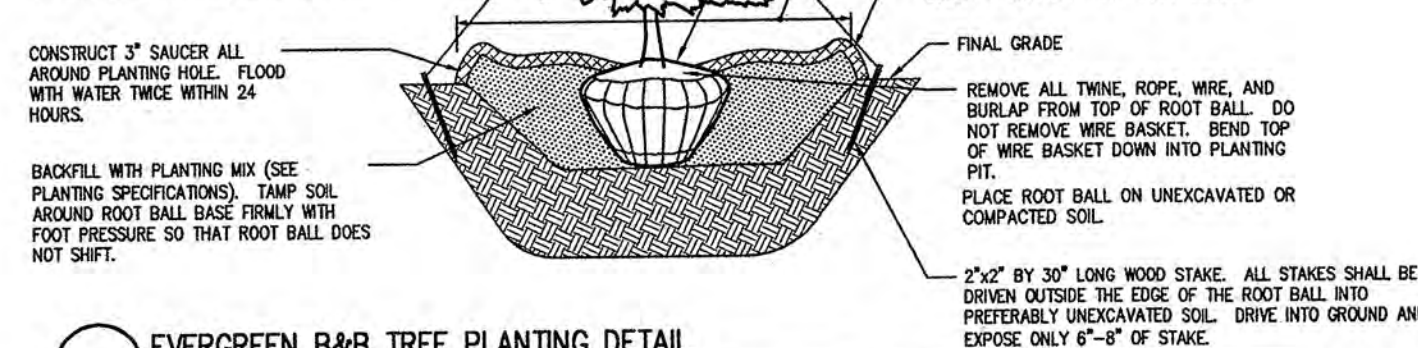
1. DO NOT HEAVILY PRUNE THE TREE AT PLANTING. PRUNE ONLY CROSSOVER LIMBS, CO-DOMINANT LEADERS, AND BROKEN OR DEAD BRANCHES. SOME INTERIOR TWIGS AND LATERAL BRANCHES MAY BE PRUNED; HOWEVER, DO NOT REMOVE THE TERMINAL BUDS OF BRANCHES THAT EXTEND TO THE EDGE OF THE CROWN.
2. STAKE TREES AS SHOWN ON THE STAKING DETAIL.
3. DIG PLANTING PIT TWICE AS WIDE AS THE DIAMETER OF THE TOP OF THE ROOT BALL WITH A MINIMUM PLANTING PIT DIAMETER OF 5'.
4. CONTRACTOR TO REMOVE AND GRADE OUT PLANTING SAUCER AT END OF ONE YEAR MAINTENANCE PERIOD. AREA AROUND TREES SHALL BE GRADED SMOOTH TO ELIMINATE MOUNDING. CONTRACTOR TO REMULCH AREA AROUND TREE WHEN GRADING IS COMPLETE.



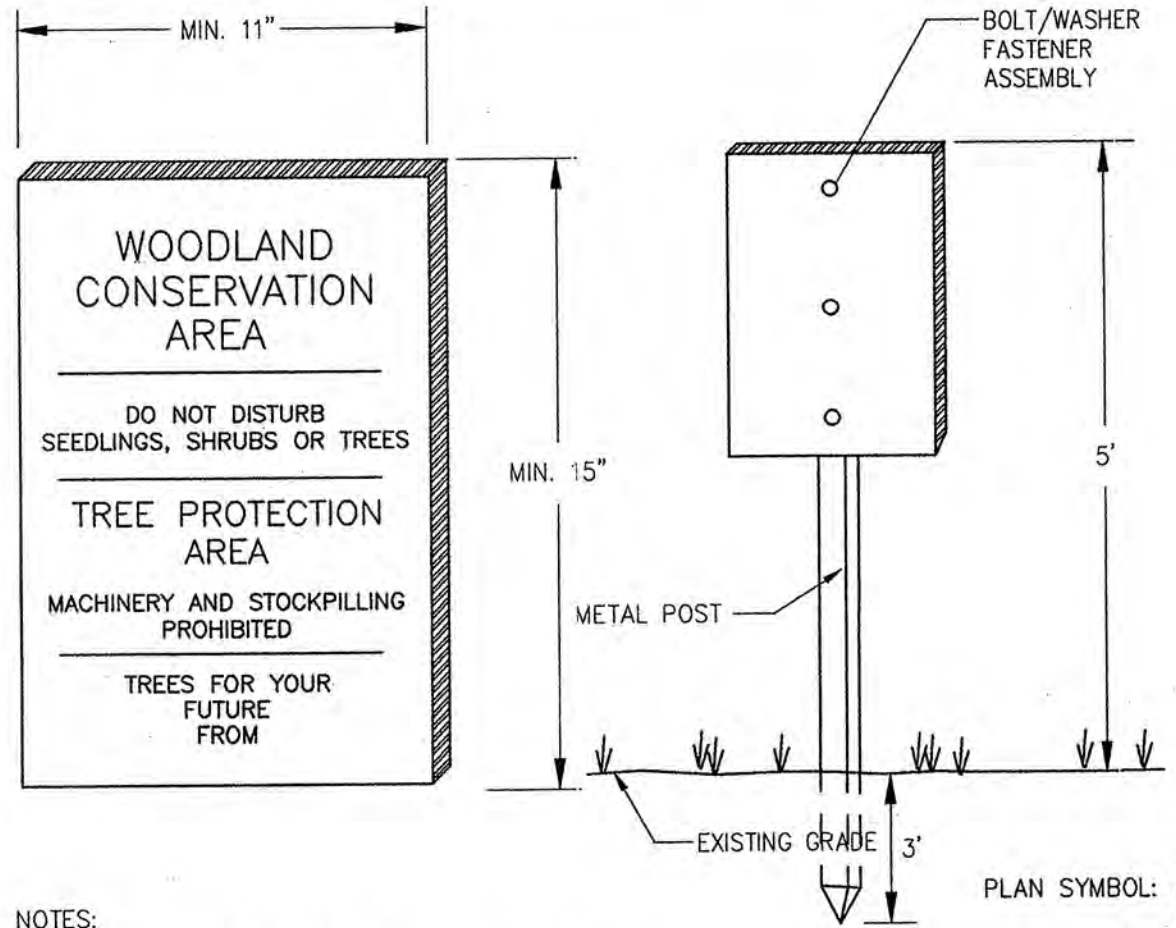
DECIDUOUS B&B TREE PLANTING DETAIL
NOT TO SCALE

NOTES:

1. SELECT ONLY NURSERY STOCK WITH A SINGLE LEADER UNLESS OTHERWISE SPECIFIED ON PLAN. PLANTS WITH CO-DOMINANT, MISSING, OR DAMAGED LEADERS SHALL BE REJECTED.
2. STAKE TREES AS SHOWN.
3. DIG PLANTING PIT TWICE AS WIDE AS THE DIAMETER OF THE TOP OF THE ROOT BALL WITH A MINIMUM PLANTING PIT DIAMETER OF 5'.
4. CONTRACTOR TO REMOVE AND GRADE OUT PLANTING SAUCER AT END OF ONE YEAR MAINTENANCE PERIOD. AREA AROUND TREES SHALL BE GRADED SMOOTH TO ELIMINATE MOUNDING. CONTRACTOR TO REMULCH AREA AROUND TREE WHEN GRADING IS COMPLETE.



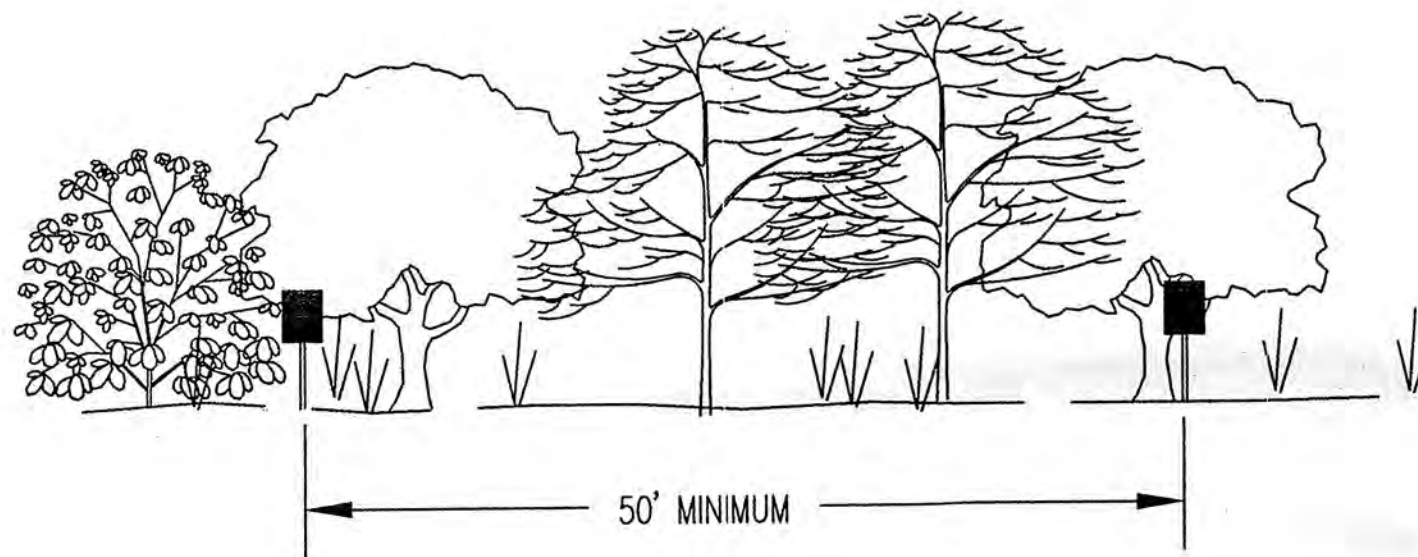
EVERGREEN B&B TREE PLANTING DETAIL
NOT TO SCALE



NOTES:

1. ATTACHMENT OF SIGNS TO TREES IS PROHIBITED.
2. SIGNS SHOULD BE PROPERLY MAINTAINED.
3. AVOID INJURY TO ROOTS WHEN PLACING POSTS FOR THE SIGNS.
4. SIGNS SHOULD BE POSTED TO BE VISIBLE TO ALL CONSTRUCTION PERSONNEL FROM ALL DIRECTIONS.
5. EACH SIGN SHALL BE ATTACHED WITH TWO BOLTS TO A HEAVY GAUGE METAL \"U\" POST (WEIGHT 1.12 LBS/FT.). THE TOP OF EACH SIGN/POST SHALL BE 5 FEET HIGH AND EACH POST SHALL BE INSTALLED TO A DEPTH OF 3 FEET BELOW GRADE.

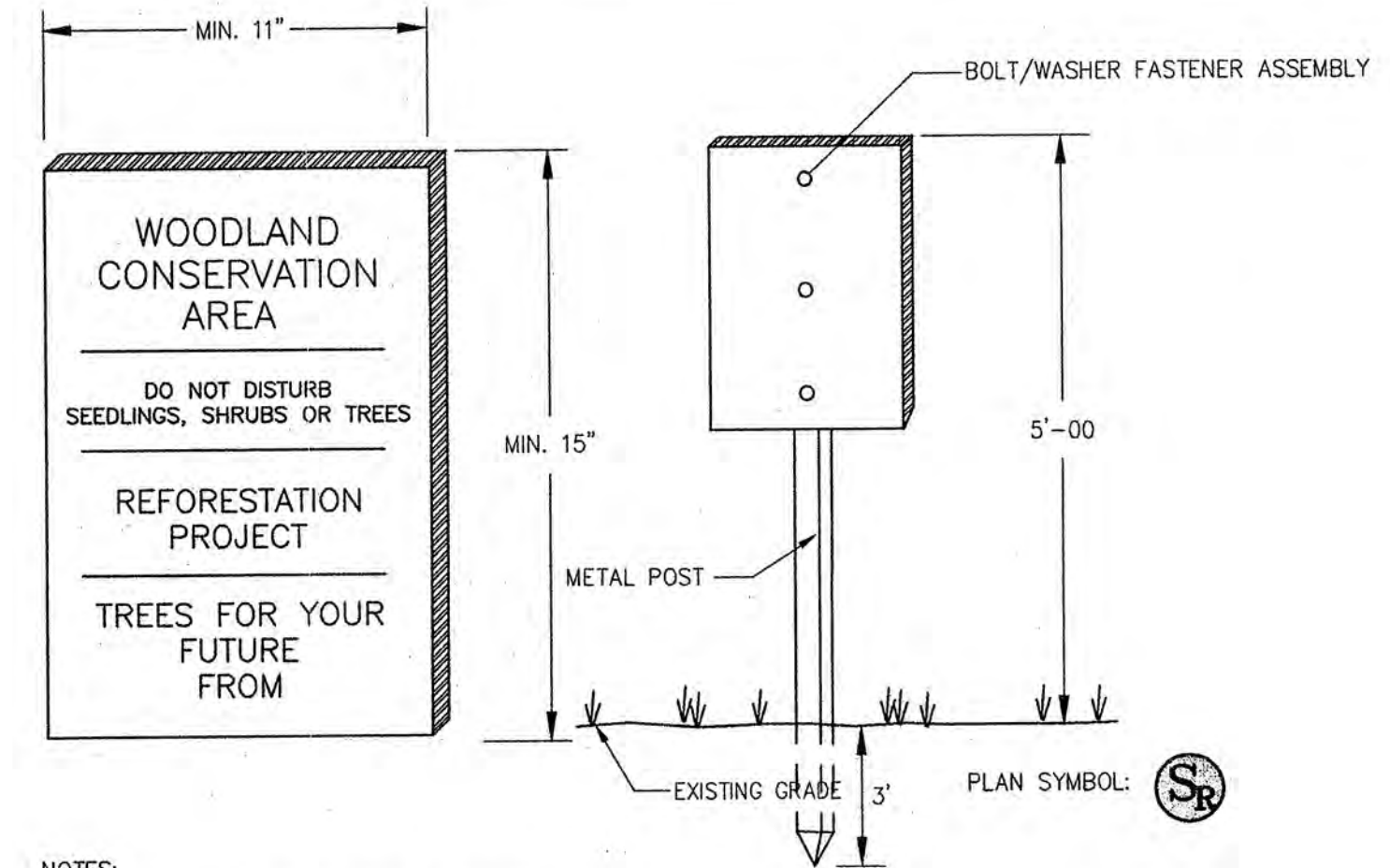
WOODLAND PRESERVATION AREA
SIGN DETAIL
NOT TO SCALE



NOTES:

1. WOODLAND PRESERVATION AREA SIGNS AND WOODLAND REFORESTATION AREA SIGNS SHALL BE LOCATED AS SHOWN ON THE TYPE 1 TCP. ALL SIGNS SHALL BE MOUNTED ON METAL POSTS.

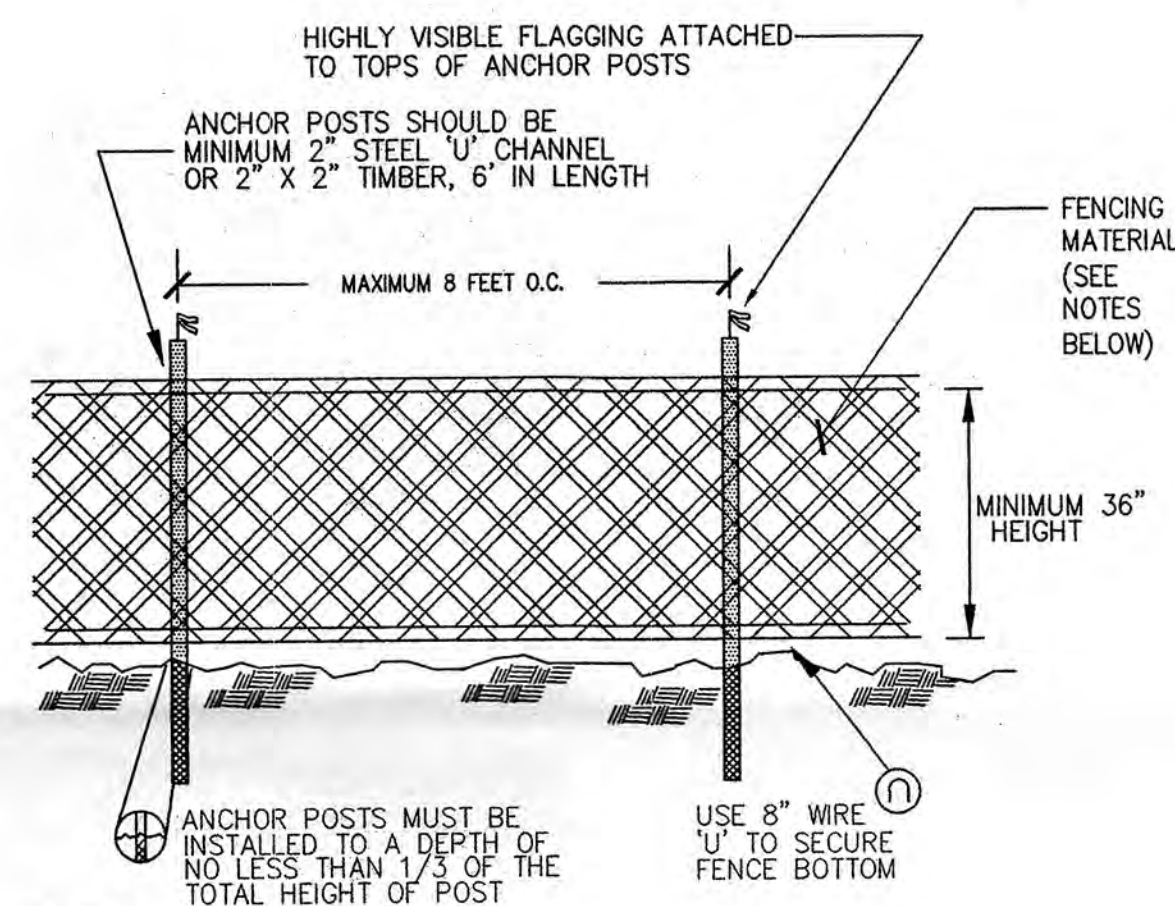
PRESERVATION AND REFORESTATION AREA
SIGN SPACING DETAIL
NOT TO SCALE



NOTES:

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4. SIGNS SHOULD BE POSTED TO BE VISIBLE TO ALL CONSTRUCTION PERSONNEL FROM ALL DIRECTIONS.
5. EACH SIGN SHALL BE ATTACHED WITH TWO BOLTS TO A HEAVY GAUGE METAL \"U\" POST (WEIGHT 1.12 LBS/FT.). THE TOP OF EACH SIGN/POST SHALL BE 5 FEET HIGH AND EACH POST SHALL BE INSTALLED TO A DEPTH OF 3 FEET BELOW GRADE.

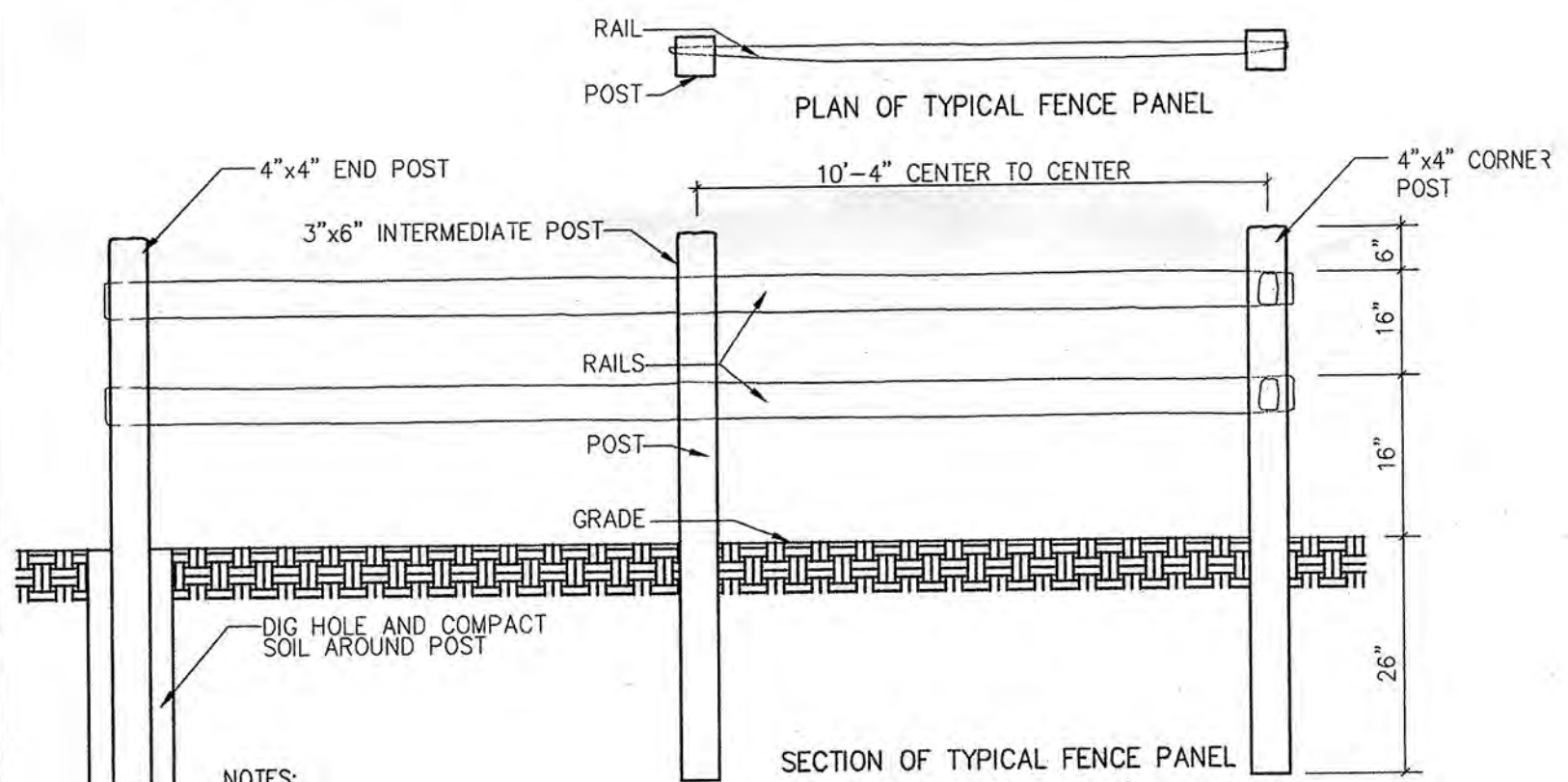
AFFORESTATION AREA
SIGN DETAIL
NOT TO SCALE



NOTES:

1. BLAZE ORANGE MESH OR SUPER SILT FENCE FOR TREE PROTECTION DEVICE, ONLY.
2. BOUNDARIES OF PROTECTION AREA WILL BE ESTABLISHED PRIOR TO GRADING AND SEDIMENT CONTROL.
3. AVOID DAMAGE TO CRITICAL ROOT ZONE. DO NOT DAMAGE OR SEVER LARGE ROOTS WHEN INSTALLING POSTS.
4. FENCING SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION.
5. SEE SUPER SILT FENCE DETAILS ON APPROVED SEDIMENT CONTROL PLANS.

TREE PROTECTION FENCING
NOT TO SCALE



NOTES:

1. CONTRACTOR SHALL SPECIFY POST SPACING IN THE FIELD ONE SPAN AT A TIME.
2. RAILS SHALL BE MADE OF LOCUST, HEMLOCK, OR MIXED HARDWOODS. POSTS SHALL BE LOCUST OR APPROVED EQUAL.

PERMANENT TREE PROTECTION
DEVICE (WOODEN SPLIT RAIL FENCE)
NOT TO SCALE

AFFORESTATION PLANTING LISTS

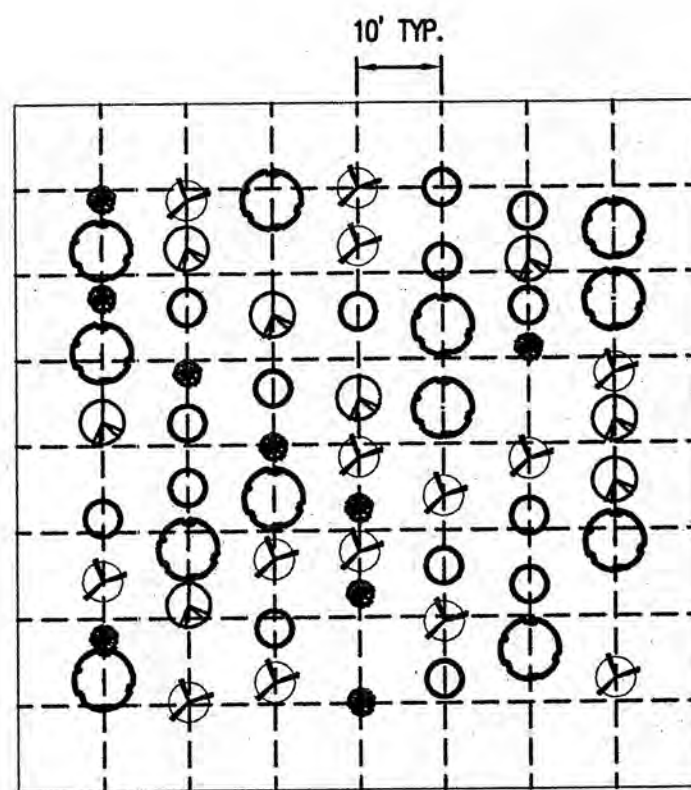
SEEDLINGS REQUIRED (1000/AC.)

QUANTITIES		
AFFORESTATION		
AREA A	AREA B	TOTAL
140	260	400

TOTAL SEEDLING EQUIVALENT PROVIDED (1\"/>

QUANTITIES			SCIENTIFIC/COMMON NAME	SIZE	ROOT	REMARKS
AREA A	AREA B	TOTAL				
12	20	32	Liriodendron tulipifera Tuliptree	1\"/>	B & B	FULL CROWN 15' SPACING
12	20	32	Liquidambar styraciflua American Sweetgum			
10	20	30	Platanus occidentalis Sycamore			
10	20	30	Quercus palustris Pin Oak			
11	17	28	Amelanchier arborea Serviceberry			
8	16	24	Cercis canadensis Eastern Redbud			
7	17	24	Ilex opaca American Holly			
70	130	200				

*NOTE: 1\"/>



SEMI RANDOM PLANTING LAYOUT DETAIL
NOT TO SCALE

SOILS CHART

MAP SYMBOL	NAME	HYDROLOGIC GROUP	STRUCTURAL LIMITATIONS	EROSION HAZARD	SLOPE (%)	K-FACTOR
BeB2	Beltville fine sandy loam	C	Dwellings w/ Basements	Moderate	2-5	0.43
Ek	Elkton silt loam	D	Severe: high water table; poor drainage	Slight	N/A	0.43
LeA	Leonardtown silt loam	D	Severe: perched water table; poor drainage	Slight	0-2	0.43

SOURCE: SOIL INFORMATION TAKEN FROM USDA SOIL SURVEY OF PRINCE GEORGE'S COUNTY, MARYLAND; 1967

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M.N.C.P.P.C. APPROVALS			
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Prince George's County Planning Department	
Environmental Planning Section	
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TREE CONSERVATION PLAN	
TCP2-055-09	
Approved by	Date
KPm	8/2/11
01	
02	
03	
04	
05	

DETAILS

DSP09011



DESIGNED: PHRA
DRAWN: ALC
DATE: 7/8/11
SCALE: 1\"/>

OWNER: ROUTE 301 IND C/P/LTD PARTNERSHIP
CAPITAL PROPERTIES
PO BOX 740
WARRENTON, VA 20186

DEVELOPER: GREATER METROPOLITAN ORTHOPEDIC
ATTN: TAYLOR WATKINS
8926 WOODWARD ROAD, SUITE 701
CLINTON, MD 20735

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