

M-NCPPC  
Prince George's County Planning Department  
Environmental Planning Section  
APPROVAL  
TREE CONSERVATION PLAN  
TCP# 152 / 04  
Approved by: SLR/2 Date: 7/16/04

SPECIMEN TREE TABLE

| TREE # | SPECIES                 | DBH (in.) | CONDITION | COMMENT |
|--------|-------------------------|-----------|-----------|---------|
| 1      | Liriodendron tulipifera | 30        | Good      | Save    |
| 2      | Quercus palustris       | 31        | Good      | Save    |
| 3      | Liriodendron tulipifera | 30        | Poor      | Save    |
| 4      | Liriodendron tulipifera | 35        | Poor      | Save    |
| 5      | Betula nigra            | 30        | Good      | Save    |
| 6      | Platanus occidentalis   | 33        | Good      | Remove  |
| 7      | Liriodendron tulipifera | 39        | Poor      | Remove  |
| 8      | Liriodendron tulipifera | 36        | Good      | Save    |
| 9      | Liriodendron tulipifera | 35        | Good      | Save    |
| 10     | Liriodendron tulipifera | 34        | Good      | Save    |
| 11     | Liriodendron tulipifera | 35        | Good      | Save    |
| 12     | Liriodendron tulipifera | 39        | Good      | Save    |

Woodland Conservation Worksheet  
for  
Non-Commercial Projects

| Zone              | %     | Owner   | Project Name              |
|-------------------|-------|---------|---------------------------|
| Forest            | 91.55 | Address | 11225 Shady Lane, Suite 3 |
| Floodplain        | 11.7  | Phone   | (703) 319-4455            |
| Presumably        | 0.0   | Tax Map | 100                       |
| Designated Land   | 86.2  | Farm #  |                           |
| Not Tract         |       |         |                           |
| Subdivision/Block |       |         |                           |

Woodland Conservation Calculations

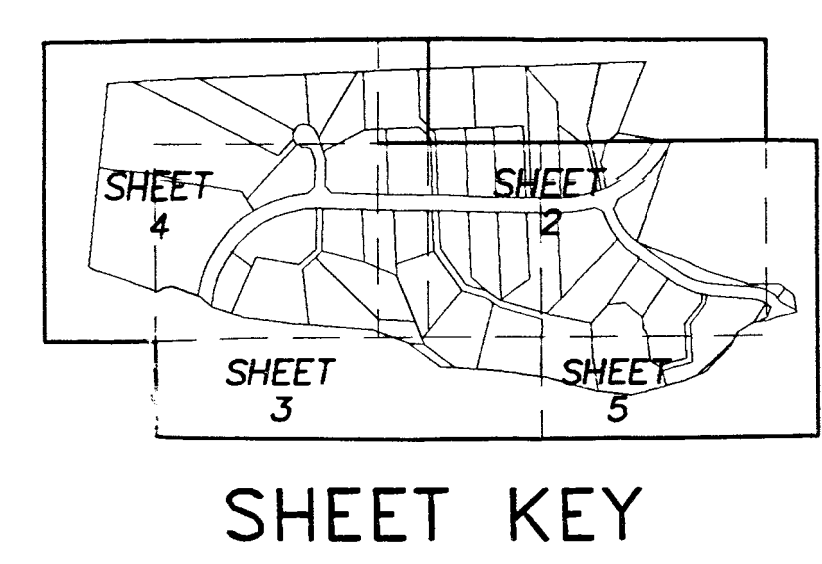
| Category  | Area (Acres) | Net Tract (Acres) | Floodplain (Acres) |
|---|--------------|-------------------|--------------------|
| Existing Woodland   | 86.20        | 86.20             | 0.00               |
| WCT   | 86.20        | 86.20             | 0.00               |
| Smaller of a or b   | 86.20        | 86.20             | 0.00               |
| Woodland above WCT  | 0.00         | 0.00              | 0.00               |
| Woodland cleared  | 0.00         | 0.00              | 0.00               |
| Smaller of c or d   | 0.00         | 0.00              | 0.00               |
| Clearing below WCT  | 0.00         | 0.00              | 0.00               |
| Replacement   | 0.00         | 0.00              | 0.00               |
| Attraction (if applicable)  | 0.00         | 0.00              | 0.00               |
| Woodland Conservation Required                                      | 0.00         | 0.00              | 0.00               |
| Woodland Conservation Provided:                                     |              |                   |                    |
| Woodland Preservation   | 13.54        |                   |                    |
| Reforestation/Replacement   | 0.00         |                   |                    |
| Attraction  | 0.00         |                   |                    |
| Area approved for non-forest  | 0.00         |                   |                    |
| Offset Credits  | 0.00         |                   |                    |
| Woodland Conservation Provided (must meet or exceed item "m" above) | 22.75        | 22.75             | 0.00               |
| Additional woodland retained but not part of any requirements       | 0.00         |                   |                    |

NOTES:  
-WCT is the Woodland Conservation Threshold  
-Any apparent inconsistency of displayed totals due to value rounding  
-This spreadsheet format reflects the worksheet contained in the Prince George's County Woodland Conservation and Tree Preservation Policy Document

WINDSONG

| Lot Number  | Lot Area (Ac) | Sever Area (Ac) | Tree Save Area (Ac) | Reforestation Area (Ac) |
|-------------|---------------|-----------------|---------------------|-------------------------|
| 1           | 2.44          | 0.02            | 0.40                |                         |
| 2           | 3.30          | 0.11            | 0.55                |                         |
| 3           | 2.30          |                 |                     |                         |
| 4           | 1.05          |                 |                     |                         |
| 5           | 2.01          |                 | 0.01                |                         |
| 6           | 2.02          |                 |                     |                         |
| 7           | 2.03          |                 | 0.44                |                         |
| 8           | 1.41          |                 | 0.07                |                         |
| 9           | 1.41          |                 |                     |                         |
| 10          | 1.16          | 0.16            | 0.85                |                         |
| 11          | 2.16          | 0.16            | 1.19                |                         |
| 12          | 2.15          | 0.17            | 1.07                |                         |
| 13          | 2.17          | 0.17            | 1.07                |                         |
| 14          | 2.00          |                 | 1.09                | 0.26                    |
| 15          | 1.18          |                 | 0.15                |                         |
| 16          | 1.15          |                 |                     |                         |
| 17          | 1.23          |                 |                     |                         |
| 18          | 2.00          | 0.18            | 0.34                |                         |
| 19          | 2.42          | 0.42            | 0.33                | 0.50                    |
| 20          | 2.56          | 0.28            | 0.51                |                         |
| 21          | 2.01          |                 |                     |                         |
| 22          | 8.75          | 0.60            | 4.58                | 2.17                    |
| 23          | 1.41          |                 |                     |                         |
| 24          | 7.46          | 4.24            | 1.90                |                         |
| 25          | 2.67          | 0.47            | 0.88                |                         |
| 26          | 2.03          |                 | 0.75                |                         |
| 27          | 1.18          |                 | 0.38                |                         |
| 28          | 1.16          |                 | 0.06                | 0.09                    |
| 29          | 2.15          |                 |                     |                         |
| 30          | 1.15          |                 | 0.37                | 0.77                    |
| 31          | 2.29          |                 | 0.19                | 0.73                    |
| 32          | 2.01          |                 |                     |                         |
| 33          | 1.19          |                 |                     |                         |
| 34          | 1.21          |                 |                     |                         |
| 35          | 1.24          |                 | 1.03                | 0.16                    |
| 36          | 2.16          |                 | 0.76                |                         |
| 37          | 2.01          |                 |                     |                         |
| 38          | 1.15          |                 |                     |                         |
| 39          | 2.10          |                 | 1.05                |                         |
| 40          | 2.02          |                 | 0.78                |                         |
| 41          | 1.02          |                 |                     |                         |
| WGA & Roads | 13.04         | 0.31            |                     |                         |
| Total       | 100.15        | 2.30            | 19.62               | 8.91                    |

NOTE:  
2.30 ACRES WITHIN SASSCER BOUNDARY "OVERLAP" ARE NOT INCLUDED IN THE GROSS TRACT AREA FOR WOODLAND CONSERVATION CALCULATIONS.



TCP GENERAL SITE INFORMATION

EXISTING ZONING : R-A  
GROSS TRACT AREA : 97.85 AC.  
NET TRACT AREA : 86.20 AC.  
WOODLAND CONSERVATION REQUIRED : 22.74 ACRES  
WOODLAND CONSERVATION PROVIDED :  
ON-SITE: 22.75 ACRES  
OFF-SITE: 0 ACRES

FOREST CONSERVATION PLAN CERTIFICATION

I HEREBY CERTIFY THAT THE INFORMATION SHOWN HEREON IS CORRECT AND THAT THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF EXISTING STATE AND COUNTY FOREST CONSERVATION LEGISLATION.

9 July 2004 P.D. Lived  
DATE

JOSE DOUGLAS SILVER  
REGISTERED AS QUALIFIED PROFESSIONAL  
BY MD. DEPT. OF NATURAL RESOURCES  
ISA CERTIFIED ARBORIST NO. MA-0753  
MARYLAND LICENSED TREE EXPERT NO. 840

NOTE:  
ALL REFORESTATION AREAS ARE TO BE PROTECTED WITH PERMANENT SPLIT RAIL FENCING. SEE DETAIL SHEET.

PREPARED FOR:  
EQUITY HOMES  
4035 Ridge Top Road, Suite 150  
Fairfax VA. 22030  
Phone: 703-359-4455  
Fax: 703-359-5989

M-NCPPC APPROVALS

PROJECT NAME: WINDSONG  
PROJECT NUMBER: DSP-05028  
For Conditions of Approval see Site Plan Cover Sheet or Approval Sheet.  
Statutes Listed Below Apply to This Plan

| Approved or Rejected | Approval Date | Reviewer's Signature | Certification Date |
|----------------------|---------------|----------------------|--------------------|
|                      | 7-20-05       | H.Z.                 | 7-21-05            |

- KEY
- SPECIMEN TREE (30" DBH OR GREATER)
  - X DENOTES REMOVAL
  - CRITICAL ROOT ZONE (RADIUS CRZ = 1.5' PER INCH DBH)
  - PROPOSED FOREST BOUNDARY
  - EXISTING FOREST BOUNDARY
  - SASSCER BOUNDARY "OVERLAP" NOT INCLUDED IN AREA CALCULATIONS
  - EXISTING FOREST TO BE REMOVED (4.45 ACRES)
  - LIMIT OF DISTURBANCE
  - PROPOSED WOODLAND PRESERVATION AREA (13.54 ACRES)
  - FLOODPLAIN FOREST TO BE SAVED (5.78 ACRES)
  - PROPOSED WOODLAND PLANTING AREA (8.91 ACRES) - TO BE PROTECTED WITH SPLIT RAIL FENCING
  - TREE PROTECTION FENCE
  - ROOT PRUNING (ROOT PRUNE 1 FOOT BEHIND LOD - SEE DETAIL SHEET)
  - FOREST RETENTION SIGN (PERMANENT)
  - PROPOSED SPLIT RAIL FENCE

TAX MAP 109

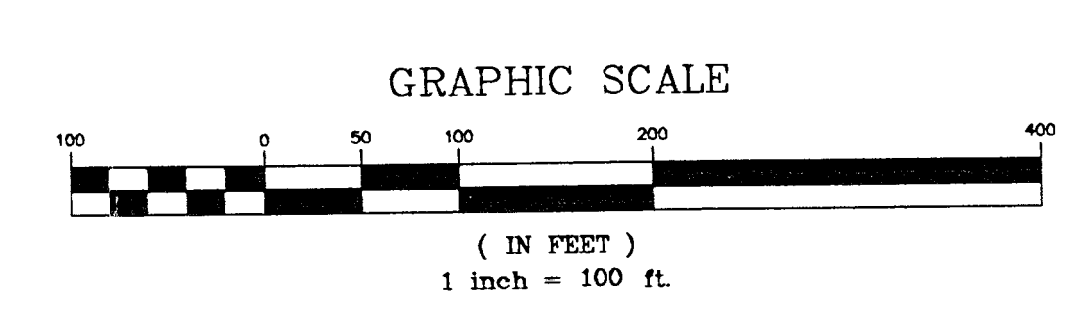
TYPE II TREE CONSERVATION PLAN  
**WINDSONG**

LOTS 1 THROUGH 41, OUTPARCELS "A-D"  
PRINCE GEORGE'S COUNTY - MARYLAND

MHG  
2220 Wightman Road, Suite 120  
Montgomery Village, Maryland  
20886-1279

Macris, Hendricks & Glascock, P.A.  
Engineers • Planners  
Landscape Architects • Surveyors  
Phone 301.670.0840  
Fax 301.948.0693  
www.mhgas.com

Proj. Mgr. Designer  
JAR TSW  
Date Scale  
6-14-04 1"=100'  
Project No. Sheet  
04-134 1 of 6



| NO. | DATE | DESCRIPTION | BY |
|-----|------|-------------|----|
|     |      |             |    |
|     |      |             |    |
|     |      |             |    |
|     |      |             |    |

Call "Miss Utility"  
Telephone 1-800-257-7777  
For Utility Locations At  
Least 48 Hours Before  
Beginning Construction

DSP-05028



MATCH LINE

SEE SHEET 4

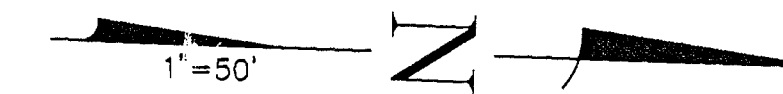
MATCH LINE

SEE

SHEET 3

MATCH LINE SEE SHEET 5

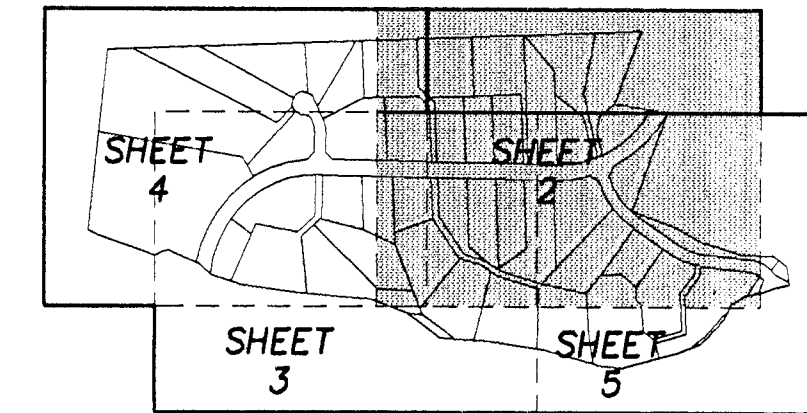
PROPE



80' MASTER PLAN CONNECTOR

(HOA) PARCEL C 0.52 Acres DEDICATION UPON DEMAND FUTURE ROAD TO BE GRANTED TO P.G. COUNTY DPWT

OSBORNE KNOLES SUBDIVISION



SHEET KEY

| KEY |  |
|-----|--|
|     | SPECIMEN TREE (30" DBH OR GREATER)   |
|     | - X DENOTES REMOVAL  |
|     | CRITICAL ROOT ZONE (RADIUS CRZ = 1.5' PER INCH DBH)                                    |
|     | PROPOSED FOREST BOUNDARY   |
|     | EXISTING FOREST BOUNDARY   |
|     | SASSAPARA BOUNDARY "OVERLAP" - NOT INCLUDED IN AREA CALCULATIONS                       |
|     | EXISTING FOREST TO BE REMOVED (4.45 ACRES)   |
|     | LIMIT OF DISTURBANCE   |
|     | PROPOSED WOODLAND PRESERVATION AREA (13.84 ACRES)                                      |
|     | FLOODPLAIN FOREST TO BE SAVED (5.78 ACRES)   |
|     | PROPOSED WOODLAND PLANTING AREA (8.91 ACRES) - TO BE PROTECTED WITH SPLIT RAIL FENCING |
|     | TREE PROTECTION FENCE  |
|     | ROOT PRUNING (ROOT PRUNE 1 FOOT BEHIND LOD - SEE DETAIL SHEET)                         |
|     | FOREST RETENTION SIGN (PERMANENT)  |
|     | PROPOSED SPLIT RAIL FENCE  |

| M-NCPPC                                    |         |
|--|---------|
| Prince George's County Planning Department |         |
| Environmental Planning Section             |         |
| APPROVAL                                   |         |
| TREE CONSERVATION PLAN                     |         |
| TCPP / 51 / 04                             |         |
| Approved by:                               | Date:   |
| J. D. Lueders                              | 7/21/04 |
| 01   |         |
| 02   |         |
| 03   |         |
| 04   |         |
| 05   |         |

FOREST CONSERVATION PLAN CERTIFICATION

I HEREBY CERTIFY THAT THE INFORMATION SHOWN HEREON IS CORRECT AND THAT THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF EXISTING STATE AND COUNTY FOREST CONSERVATION LEGISLATION.

9 July 2004 J. D. Lueders  
DATE JOHN DOUGLAS LUEDERS  
RECOGNIZED AS QUALIFIED PROFESSIONAL BY MD. DEPT. OF NATURAL RESOURCES  
ISA CERTIFIED ARBORIST No. MA-0753  
MARYLAND LICENSED TREE EXPERT No. 850

| M-NCPPC APPROVALS   |               |                     |                    |
|---|---------------|---------------------|--------------------|
| PROJECT NAME: WINDSONG  |               |                     |                    |
| PROJECT NUMBER: DSP-05028   |               |                     |                    |
| For Conditions of Approval see this Plan, Cover Sheet or Approval Sheet |               |                     |                    |
| Approval or Revision #  | Approval Date | Reviewer's Initials | Certification Date |
|   | 7-20-05       | W.2                 | 7-21-05            |
|   |               |                     |                    |
|   |               |                     |                    |
|   |               |                     |                    |
|   |               |                     |                    |
|   |               |                     |                    |

TAX MAP 109

WSSC 208 & 209 SE 10

PREPARED FOR:  
EQUITY HOMES  
4035 Ridge Top Road, Suite 150  
Fairfax VA. 22030  
Phone: 703-359-4455  
Fax: 703-359-5989



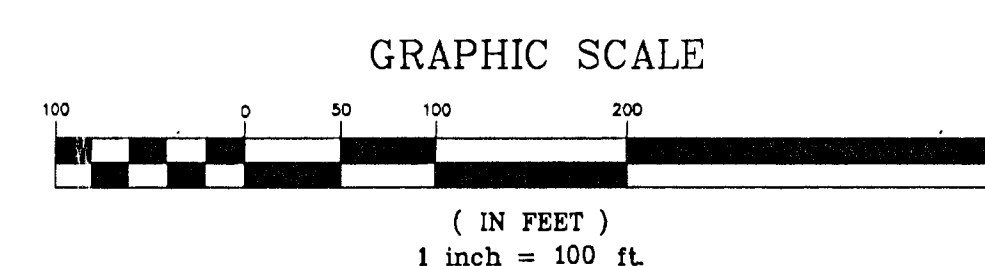
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Engineers • Planners  
Landscape Architects • Surveyors

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20886-1279  
Phone: 301-670-0840  
Fax: 301-948-0893  
www.mhgsa.com

|             |         |          |        |
|-------------|---------|----------|--------|
| Proj. Mgr.  | JAR     | Designer | TSW    |
| Date        | 6-14-04 | Scale    | 1"=50' |
| Project No. | 04-134  | Sheet    | 2 of 6 |

DSP-05028

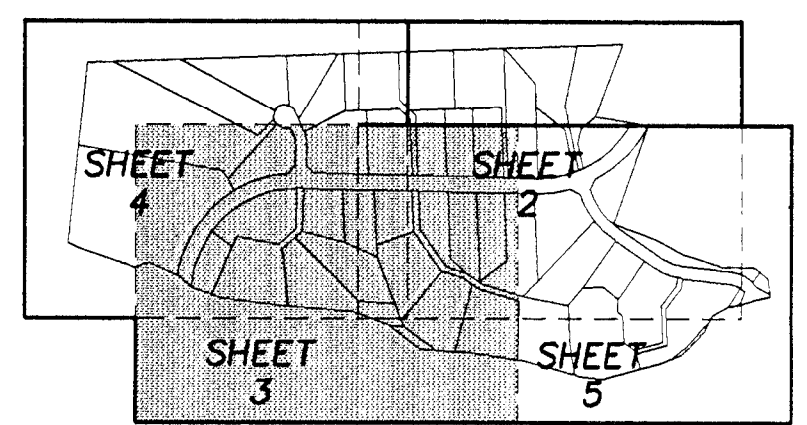
Call "Miss Utility"  
Telephone 1-800-257-7777  
For Utility Locations At  
Least 48 Hours Before  
Beginning Construction



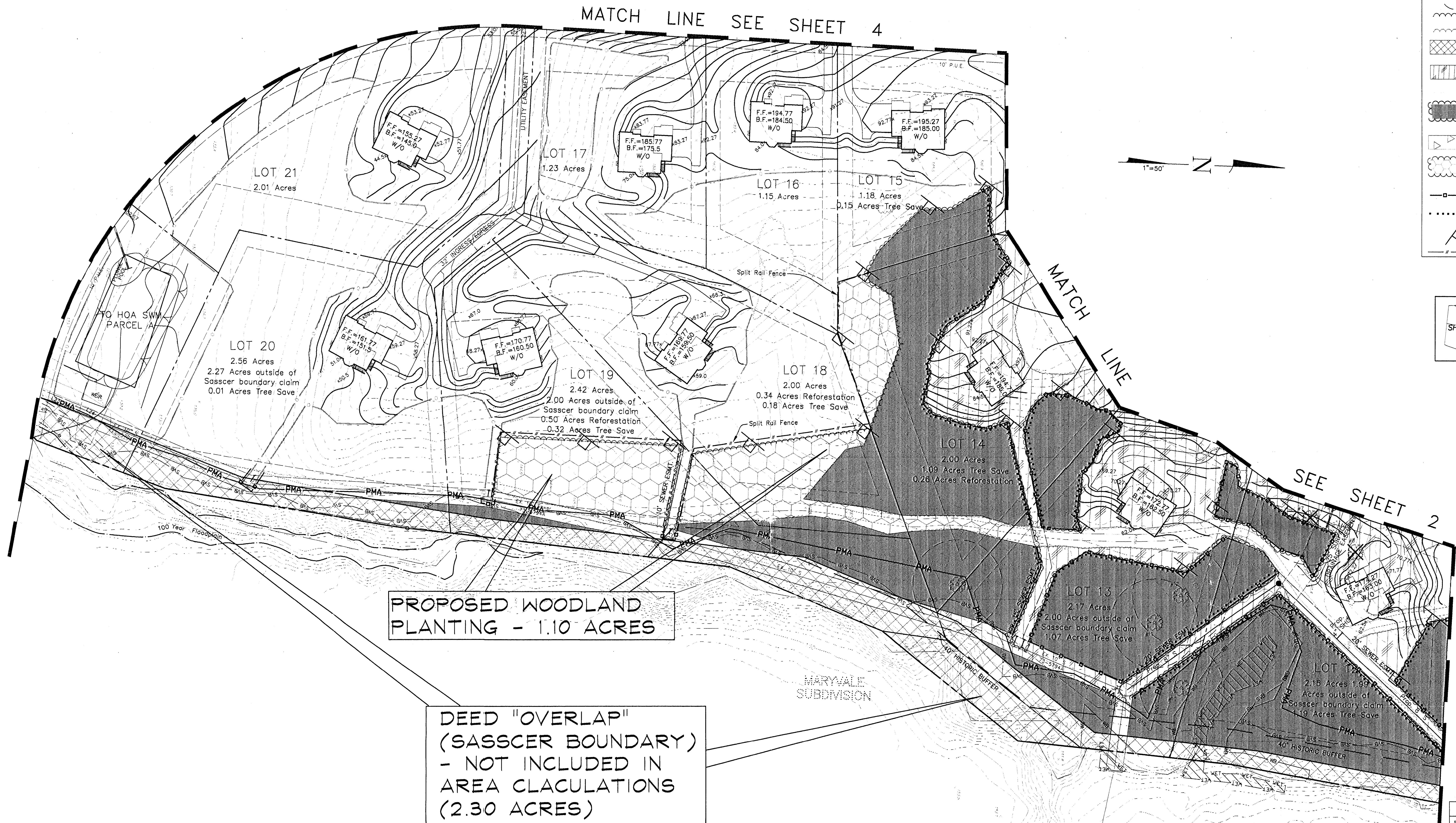
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| KEY |  |
|-----|--|
|     | SPECIMEN TREE (30" DBH OR GREATER)<br>- X DENOTES REMOVAL                              |
|     | CRITICAL ROOT ZONE (RADIUS CRZ = 1.5' PER INCH DBH)                                    |
|     | PROPOSED FOREST BOUNDARY   |
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|     | FOREST RETENTION SIGN (PERMANENT)  |
|     | PROPOSED SPLIT RAIL FENCE  |



SHEET KEY



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9 JULY 2004 *J.D. Sievers*  
DATE JOHN DOUGLAS SIEVERS  
RECOGNIZED AS QUALIFIED PROFESSIONAL  
BY MD. DEPT. OF NATURAL RESOURCES  
ISA CERTIFIED ARBORIST NO. MA-0753  
MARYLAND LICENSED TREE EXPERT NO. 950

| M-NCPPC APPROVAL   |               |                     |                    |
|--|---------------|---------------------|--------------------|
| PROJECT NAME: WINDSONG   |               |                     |                    |
| PROJECT NUMBER: DSP-05028  |               |                     |                    |
| For Conditions of Approval see Site Plan, Order Sheet or Approval Sheet. Revisions listed below apply to this sheet. |               |                     |                    |
| Approval or Revision #   | Approval Date | Reviewer's Initials | Certification Date |
| 1  | 7-20-05       | 11-2                | 7-21-05            |
| 2  |               |                     |                    |
| 3  |               |                     |                    |
| 4  |               |                     |                    |
| 5  |               |                     |                    |

| M-NCPPC APPROVALS  |               |                     |                    |
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| 2  |               |                     |                    |
| 3  |               |                     |                    |
| 4  |               |                     |                    |
| 5  |               |                     |                    |

TAX MAP 109

WSSC 208 & 209 SE 10

TYPE II TREE CONSERVATION PLAN  
**WINDSONG**

LOTS 1 THROUGH 41, OUTPARCELS "A-D"  
15TH ELECTION DISTRICT  
PRINCE GEORGE'S COUNTY - MARYLAND

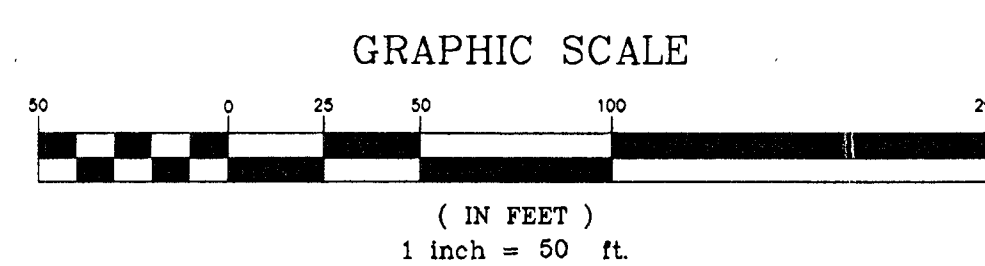


Macris, Hendricks & Glascock, P.A.  
Engineers • Planners  
Landscape Architects • Surveyors

| Proj. Mgr.  | Designer |
|-------------|----------|
| JAR         | TSW      |
| Date        | Scale    |
| 6-14-04     | 1"=50'   |
| Project No. | Sheet    |
| 04-134      | 3 of 6   |

PREPARED FOR:  
EQUITY HOMES  
4035 Ridge Top Road, Suite 150  
Fairfax VA. 22030  
Phone: 703-359-4455  
Fax: 703-359-5989

| NO. | DATE | DESCRIPTION | BY |
|-----|------|-------------|----|
|     |      |             |    |
|     |      |             |    |
|     |      |             |    |



Call "Miss Utility"  
Telephone 1-800-257-7777  
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Beginning Construction

DSP-05028



POTOMAC ELECTRIC POWER COMPANY  
RIGHT-OF-WAY

MATCH LINE

SEE SHEET 2

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MARYLAND LICENSED TREE EXPERT No. 850

### M-NCPPC APPROVALS

[illegible]

|  |         |
|--|---------|
| M-NCPPC                                    |         |
| Prince George's County Planning Department |         |
| Environmental Planning Section             |         |
| APPROVAL                                   |         |
| TREE CONSERVATION PLAN                     |         |
| TCPII / 57 / 04                            |         |
| Approved by                                | Date    |
| JL [Signature]                             | 7/15/04 |
| 01   |         |
| 02   |         |
| 03   |         |
| 04   |         |
| 05   |         |

TAX MAP 109

WSSC 208 &amp; 209 SE 10

TYPE II TREE CONSERVATION PLAN  
**WINDSONG**

LOTS 1 THROUGH 41, OUTPARCELS "A-D"  
15TH ELECTION DISTRICT  
PRINCE GEORGE'S COUNTY - MARYLAND



**MHG**  
9220 Wightman Road, Suite 120  
Montgomery Village, Maryland  
20886-1279

**Macris, Hendricks & Glascock, P.A.**  
Engineers ■ Planners  
Landscape Architects ■ Surveyors

|                       |                 |
|-----------------------|-----------------|
| Proj. Mgr.<br>JAR     | Designer<br>TSW |
| Date<br>6-14-04       | Scale<br>1"=50' |
| Project No.<br>04-134 | Sheet<br>4 of 6 |

DSP - 05028

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Phone: 703-359-4455  
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SHEET KEY

## KEY

SPECIMEN TREE (30" DBH OR  
GREATER)  
- X DENOTES REMOVAL

CRITICAL ROOT ZONE (RADIUS  
CRZ = 1.5' PER INCH DBH)

PROPOSED FOREST BOUNDARY  
EXISTING FOREST BOUNDARY

SASSCER BOUNDARY "OVERLAP"  
- NOT INCLUDED IN AREA  
CALCULATIONS

EXISTING FOREST  
TO BE REMOVED  
(4.45 ACRES)

LIMIT OF DISTURBANCE  
PROPOSED WOODLAND

FLOODPLAIN FOREST

PROPOSED WOODLAND PLANTING

AREA (8.91 ACRES) - TO BE  
PROTECTED WITH SPLIT RAIL  
FENCING

TREE PROTECTION FENCE  
ROOT PRUNING (ROOT PRUNE

1 FOOT BEHIND LOD -  
SEE DETAIL SHEET)  
FOREST RETENTION SIGN

(PERMANENT)  
PROPOSED SPLIT RAIL FENCE

|  |  |
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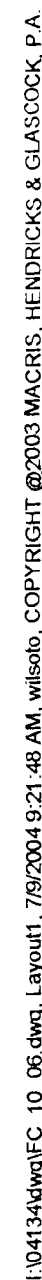
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|             |    |
| DESCRIPTION | BY |

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GRAPHIC SCALE

| NO. | DATE | DESCRIPTION | BY |
|-----|------|-------------|----|
|-----|------|-------------|----|





GRAPHIC SCALE



( IN FEET )  
1 inch = 50 ft.

WSSC 208 &amp; 209 SE 10

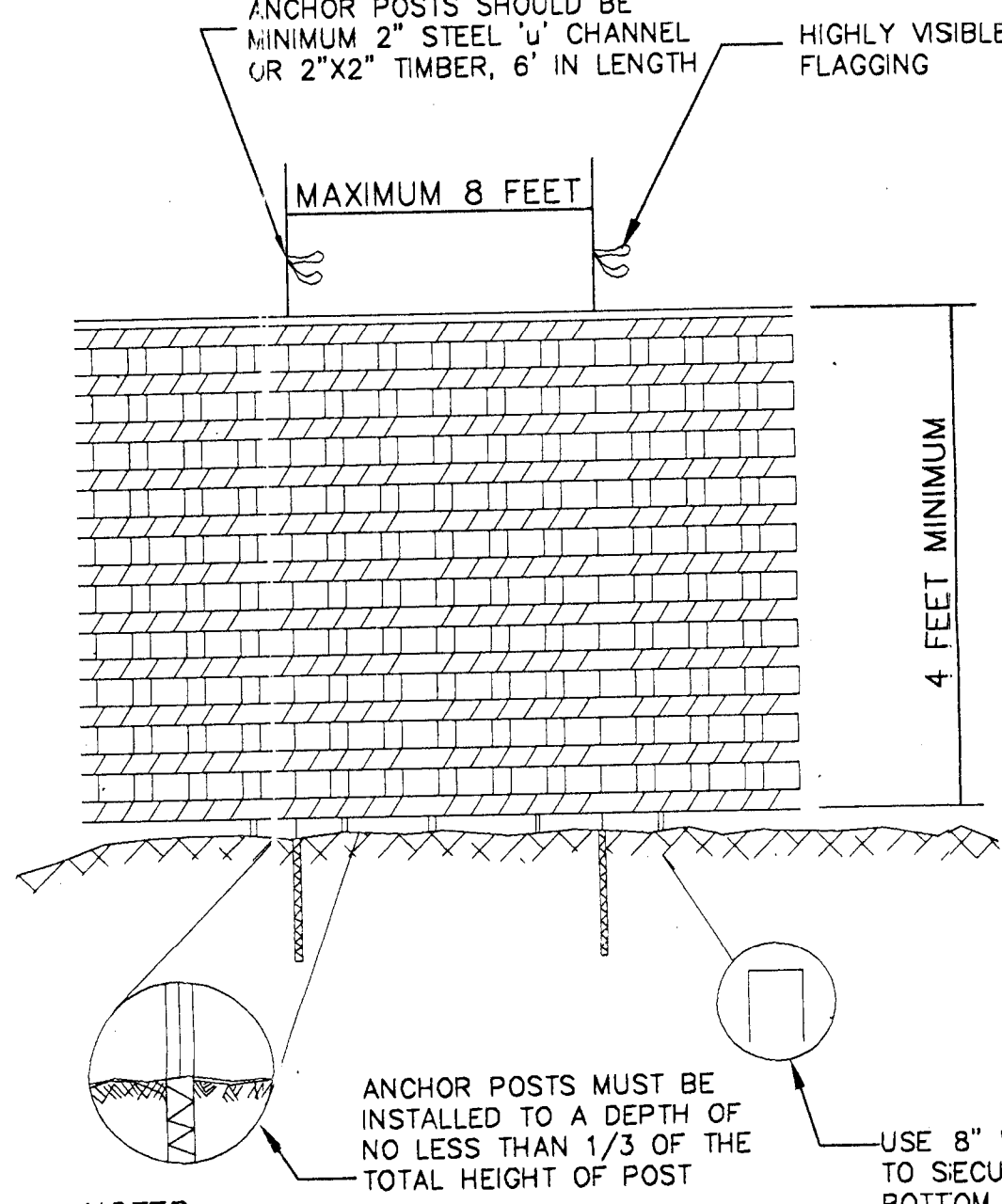
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|     |      |             |   |
| NO. | DATE | DESCRIPTION | B |

DSP-05028



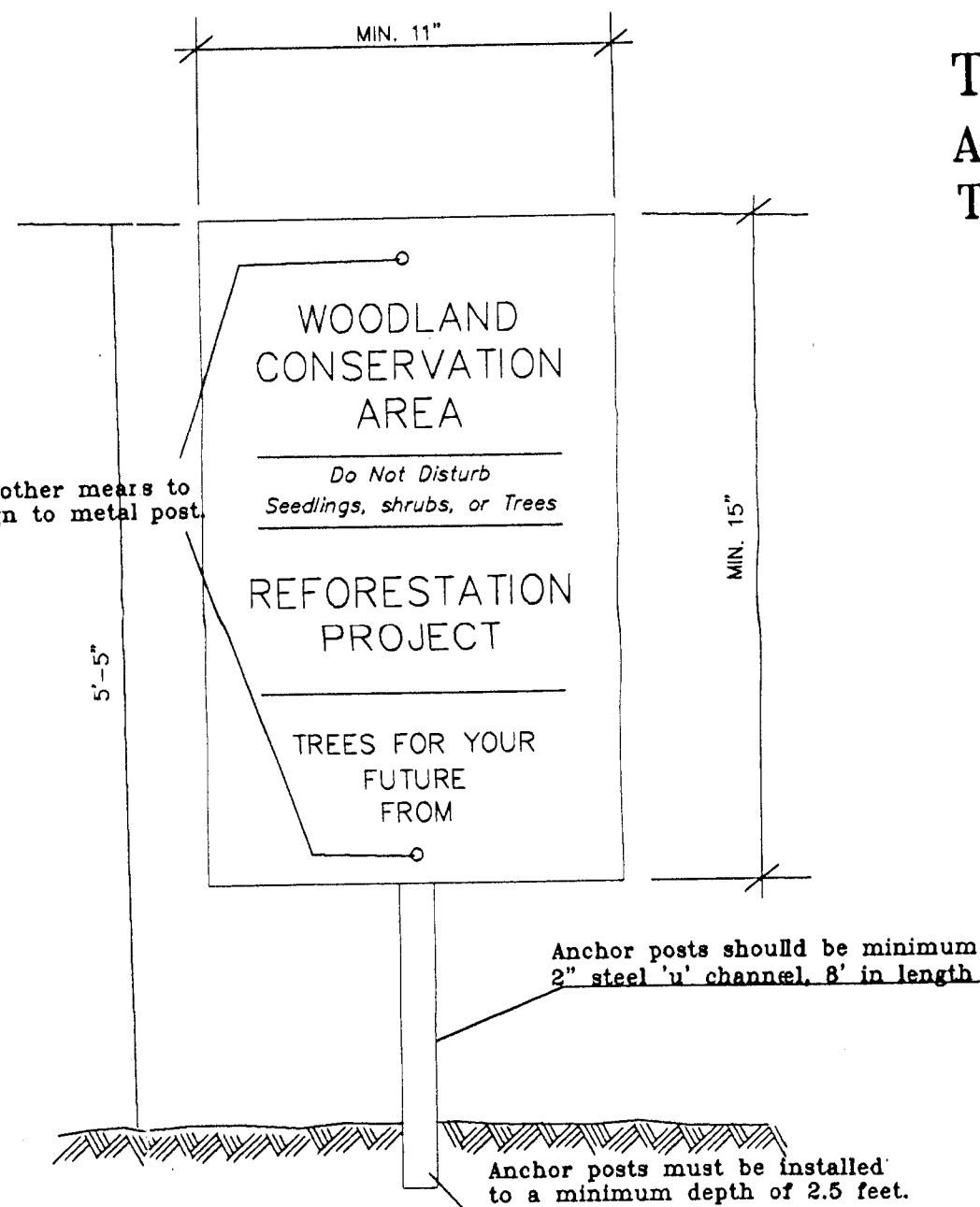
## TREE PRESERVATION NOTES

- Cutting or clearing of woodland not in conformance with this Plan or without the expressed written consent of the Planning Director or designee shall be subject to a \$1.50 per square foot mitigation fee.
- The Department of Environmental Resources (DER) must be contacted prior to the start of any work on the site to address implementation work of Tree Conservation measures shown on this Plan.
- Property owners shall be notified by the Developer or Contractor of any Woodland Conservation Areas (Tree Save Areas, Reforestation Areas, Afforestation Areas, or Selective Clearing Areas) located on their lot or parcel of land and the associated fines for unauthorized disturbances to these areas. Upon the sale of the property, the owner/developer or owner's representative shall notify the purchaser of the property of any Woodland Conservation Areas.
- All appropriate bonds will be posted with the Building Official prior to the issuance of any permits. These bonds will be retained as surety by the Building Official until all required activities have been satisfied.
- The location of all Tree Protective Devices (TPDs) shown on this Plan shall be flagged or staked in the field prior to the pre-construction meeting with the Sediment and Erosion Control Inspector from DER. Upon approval of the flagged or staked TPD locations by the Inspector, installation of the TPDs may begin. TPD installation shall be completed prior to installation of initial Sediment Controls. No cutting or clearing of trees may begin before final approval of TPD installation.
- Woodland Conservation—Tree Save Areas and/or Reforestation Areas installation and/or start of reforestation activities. Signs shall be posted at 50 foot intervals along the Tree protection fencing. These signs shall remain in place in perpetuity.
- Temporary protection devices must be maintained and installed by the contractor for the duration of the construction project and must not be altered without prior approval from Prince George's County. No equipment, trucks, materials, or debris may be stored within the tree protection fence areas during the entire construction project. No access to the fenced area will be permitted. Tree protection fencing shall not be removed without approval of Prince George's County. Tree protection devices to be coordinated with erosion and sediment control devices as indicated on the approved ESC plan.
- No clearing or grading shall begin before stress-reduction measures have been implemented, unless otherwise permitted by Prince George's County. Appropriate measures (see Tree Conservation Plan) may include:
  - Root pruning
  - Crown reduction or pruning
  - Watering
  - Fertilizing
  - Vertical mulching
- All stress-reduction measures must be performed by a State of Maryland licensed tree expert or International Society of Arboriculture certified arborist.
- Long-term protection devices (see Tree Conservation Plan) may include:
  - Root aeration systems
  - Retaining walls
  - Raised sidewalks
  - Tunneling of utilities
  - Pier and panel walls
  - Porous pavers
- Long-term protection devices will be installed per the Tree Conservation Plan and attached details. Installation will occur at the appropriate time during the construction project.
- Periodic inspections by Prince George's County will occur during the construction project. Corrections and repairs to all tree protection devices, as determined by the inspector, must be made in a timely fashion.
- After construction is completed, an inspection shall be requested. Corrective measures which may be required include:
  - Removal and replacement of dead or dying trees
  - Pruning of dead or declining limbs
  - Soil aeration
  - Fertilization
  - Watering
  - Wound repair
  - Cleanup of retention areas
- After inspection and completion of corrective measures have been undertaken, all temporary protection devices shall be removed from the site. No additional grading, sodding, or burial of debris may take place.



- NOTES:
- Forest protection device only.
  - Retention Area will be set as part of the review process.
  - Boundaries of retention Area should be staked and flagged prior to installing device.
  - Root damage should be avoided.
  - Protective signage is required.
  - Device should be maintained throughout construction.
  - Forest retention signs shall be attached to Tree Protection Fence during the construction phase.

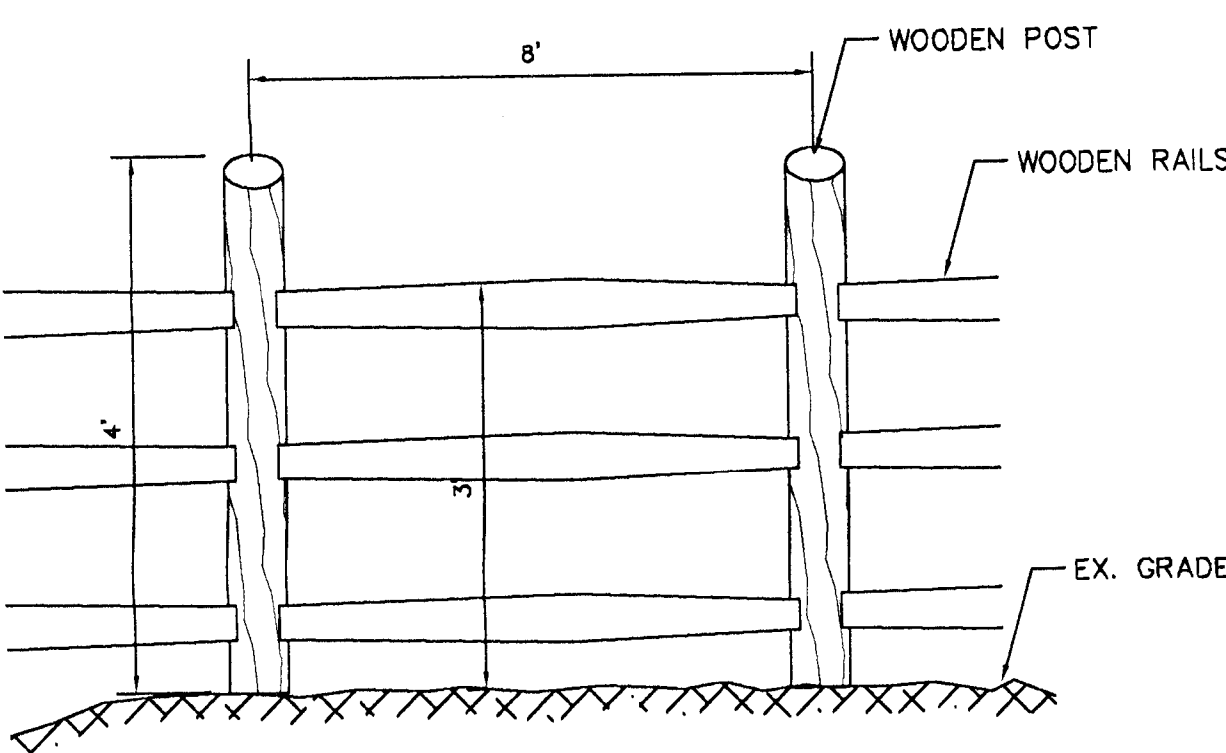
## TREE PROTECTION FENCING FOR DURING CONSTRUCTION



## NOTES:

- Attachment of signs to trees is prohibited.
- Signs should be properly maintained and remain in perpetuity.
- Avoid injury to roots when placing posts for the signs.
- Signs should be posted to be visible from exterior of woodland conservation area.

## PERMANENT REFORESTATION SIGN

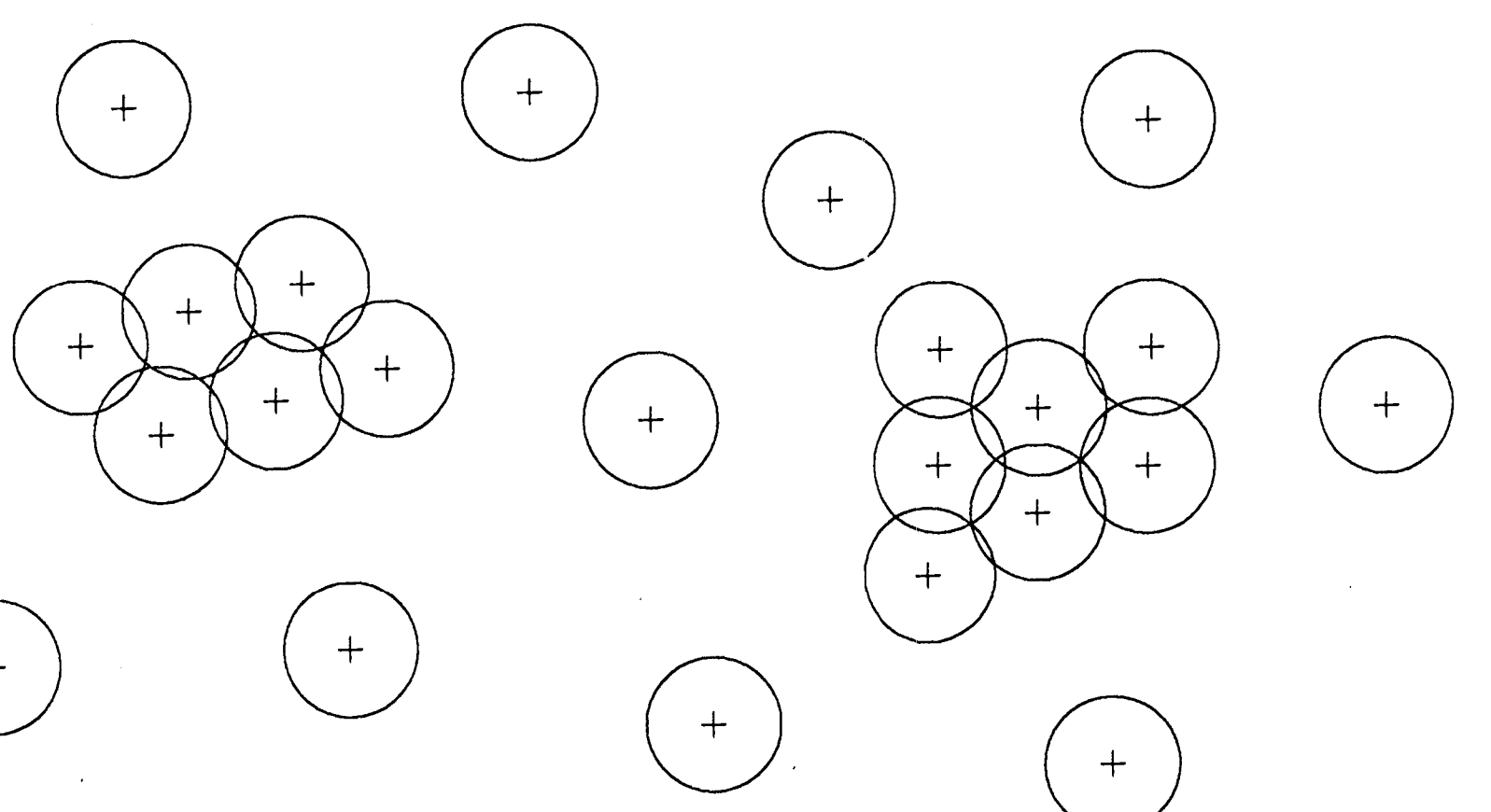


## SPLIT RAIL FENCE

## PLANTING SCHEDULE

- Stake the location of tree protection devices around the tree conservation areas prior to pre-construction meeting.
- Hold an on-site pre-construction meeting with the Prince George's County Arborist to determine final locations of tree protection devices prior to beginning any site work.
- Install the tree protection devices, as per detail on these plans, at approved locations in the field for the conservation of woodlands during the construction process.
- Construct site improvements as per approved plans.
- Stabilize all disturbed areas upon the completion of site improvements.
- Disc all areas that are to be reforested as located on these plans.
- During the beginning of April through the end of May, plant the reforestation areas according to the planting details.
- Spread any available topsoil in reforested areas.
- When planting is complete, erect tree protection devices around the reforested areas and install signage according to these plans.

## PLANTING PATTERN FOR REFORESTATION AREA



Call "Miss Utility"  
Telephone 1-800-257-7777  
For Utility Locations At  
Least 48 Hours Before  
Beginning Construction

TOTAL PLANTING AREA = 8.91 ACRES  
AREA TO BE PLANTED AT RATE OF 500 1" CAL. TREES/AC  
TOTAL PLANTINGS = 4,455 TREES

## WOODLAND CONSERVATION AREA - (1.10 ACRES) - PLANTING SCHEDULE

| QTY | BOTANICAL NAME          | COMMON NAME       | SIZE    | ROOT      |
|-----|-------------------------|-------------------|---------|-----------|
| 110 | <i>Pinus virginiana</i> | Virginia Pine     | 1" CAL. | Container |
| 110 | <i>Quercus alba</i>     | White Oak         | 1" CAL. | Container |
| 110 | <i>Acer rubrum</i>      | Red Maple         | 1" CAL. | Container |
| 110 | <i>Myrica sylvatica</i> | Black Gum         | 1" CAL. | Container |
| 110 | <i>Cornus florida</i>   | Flowering Dogwood | 1" CAL. | Container |

## WOODLAND CONSERVATION AREA - (.81 ACRES) - PLANTING SCHEDULE

| QTY | BOTANICAL NAME          | COMMON NAME       | SIZE    | ROOT      |
|-----|-------------------------|-------------------|---------|-----------|
| 781 | <i>Pinus virginiana</i> | Virginia Pine     | 1" CAL. | Container |
| 781 | <i>Quercus alba</i>     | White Oak         | 1" CAL. | Container |
| 781 | <i>Acer rubrum</i>      | Red Maple         | 1" CAL. | Container |
| 781 | <i>Myrica sylvatica</i> | Black Gum         | 1" CAL. | Container |
| 781 | <i>Cornus florida</i>   | Flowering Dogwood | 1" CAL. | Container |

| ID # | PRESERVATION TREE | RP | DRF | CA | SP | MB | DRW |
|------|-------------------|----|-----|----|----|----|-----|
| 1    | 30" Tulip Poplar  |    |     |    |    |    |     |
| 2    | 31" Pin Oak       |    |     |    |    |    |     |
| 3    | 30" Tulip Poplar  |    |     |    |    |    |     |
| 4    | 35" Tulip Poplar  |    |     |    |    |    |     |
| 6    | 30" River Birch   | X  | X   | X  | X  | X  | X   |
| 9    | 36" Tulip Poplar  | X  | X   |    | X  |    |     |
| 10   | 34" Tulip Poplar  | X  | X   |    | X  |    |     |
| 11   | 35" Tulip Poplar  | X  | X   |    | X  |    |     |
| 12   | 39" Tulip Poplar  | X  | X   |    | X  |    |     |

## TERMINOLOGY

(RP) ROOT PRUNING IS TO BE PERFORMED OUTSIDE THE TREE PROTECTION FENCE AND THE CRITICAL ROOT ZONE. IT IS TO BE ACCOMPLISHED BY A VIBRATORY PLOW WITH A SERRATED CUTTING EDGE OR A ROOT CUTTER WITH A 36" WHEEL TO A DEPTH OF 8". CHAIN DRIVEN TRENCHERS ARE NOT ACCEPTABLE. (SEE DETAIL)

(DRF) DEEP ROOT FERTILIZE UTILIZING A HYDRAULIC PUMP TO INJECT A LIQUID SOLUTION OF 30-10-7 ARBORICULTURAL GRADE FERTILIZER AND A BIROOT STIMULATOR SUCH AS "ROOTS" OR "ESSENTIAL".

(CA) CORE AERATION IS TO BE DONE WITH A HAND-HELD MANUAL PUNCH CORE AERATOR AT 2 HOLES PER SQ.FT. THROUGHOUT ROOT ZONE. INCORPORATE AN ORGANIC PRODUCT (LEAFGROW) AND AN INORGANIC PRODUCT(SAND OR SOLITE) DURING THE AERATION PROCESS.

(SP) SANITATION PRUNE TO REMOVE ALL DEAD OR DYING LIMBS GREATER THAN ONE INCH ON A TREE TO IMPROVE ITS HEALTH AND APPEARANCE. THIN CROWN WHERE NECESSARY TO REDUCE CANOPY DENSITY BY MAXIMUM TWENTY-FIVE PERCENT TO COMPENSATE FOR ROOT LOSS AND CONSTRUCTION STRESS.

(WB) MULCH BEDS ARE TO BE 2-3" SHREDDED HARDWOOD MULCH, SHREDDED PINE BARK MULCH, OR COMPOSTED WOOD CHIPS. FRESHLY CUT WOODCHIPS ARE NOT ACCEPTABLE.

(DRW) DEEP ROOT WATERING TO OCCUR ON A WEEKLY BASIS DURING DROUGHT PERIODS.

## FOREST RETENTION AREA

## MACHINERY DUMPING OR STORAGE OF ANY MATERIALS IS PROHIBITED

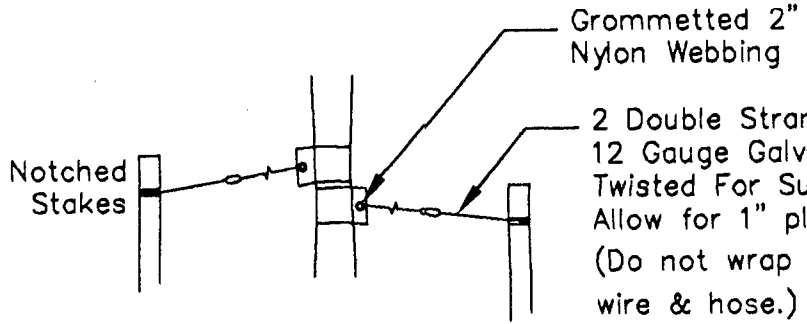
VIOLATORS ARE SUBJECT TO FINES AS IMPOSED BY THE MARYLAND FOREST CONSERVATION ACT OF 1991

## NOTES:

- Attachment of signs to trees is prohibited.
- Signs should be properly maintained and remain in place in perpetuity.
- Avoid injury to roots when placing posts for the signs.
- Signs should be posted to be visible to all construction personnel from all directions. They shall be installed every 50' or as shown on sheet 1 of 2 in the plan view.
- Sign to be fastened to a 2" x 2" x 6' wood post with galvanized 2" nails. Top of sign to be 40" above grade.

## PERMANENT FOREST RETENTION SIGN

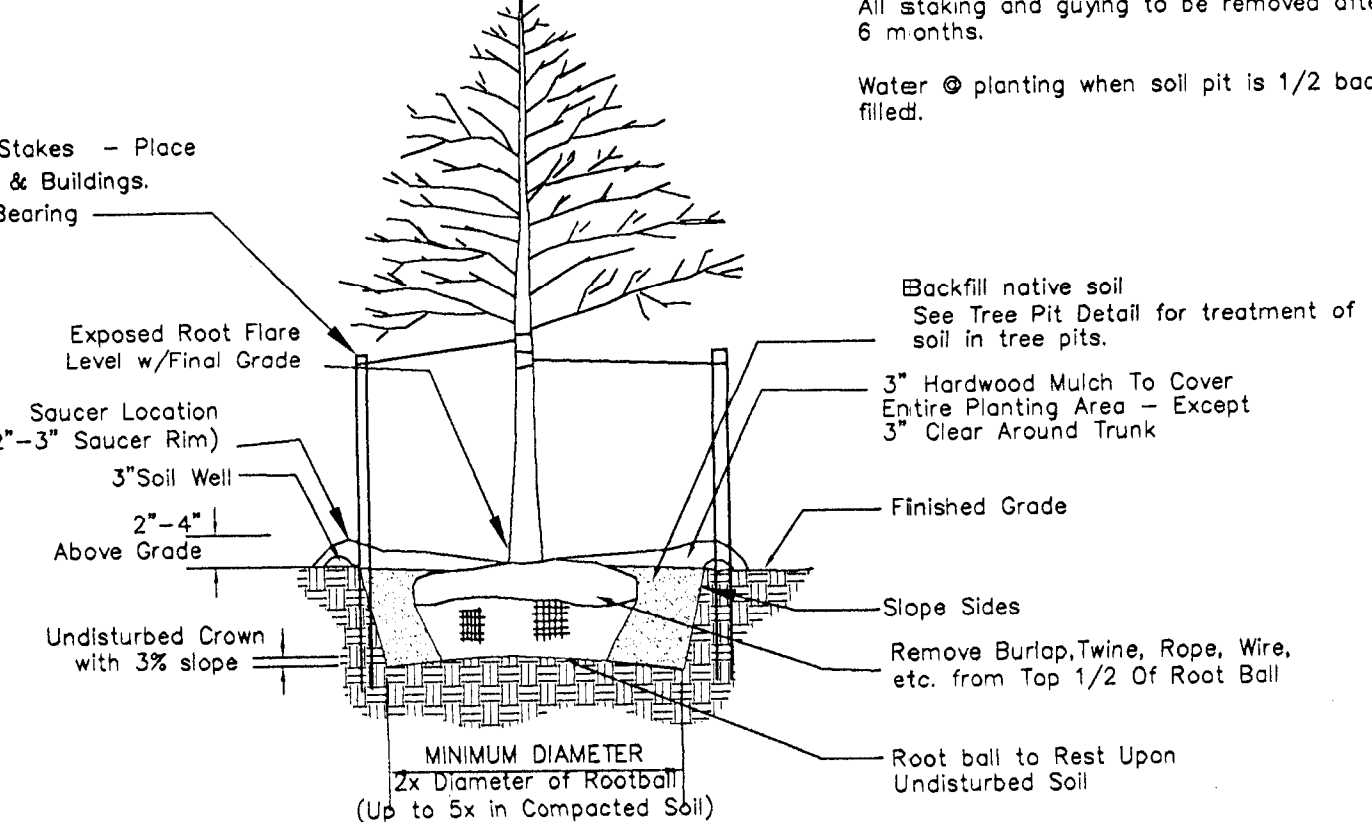
NOT TO SCALE



## STRAPPING DETAIL

## NOTES:

- Prune only dead, broken or crossing branches (No Heading Back).
- All staking and guying to be removed after 6 months.
- Water: planting when soil pit is 1/2 back filled.



## Planting Detail

Not To Scale

The following notes have been prepared by the Environmental Planning Section of the Planning Department, M-NCPPC and are required on all Type II Tree Conservation Plans which include woodland preservation. Copies of these notes can be provided digitally for inclusion on plan, if requested.

## WOODLAND CONSERVATION AREA MANAGEMENT NOTES

### Removal of Hazardous Trees or Hazardous Limbs By Developers or Builders

The developer and/or builder is responsible for the complete preservation of all forested areas shown on the approved plan to remain undisturbed. Only trees or parts thereof designated by the Department of Environmental Resources as dead, dying, or hazardous may be removed.

- A tree is considered hazardous if a condition is present which leads a Licensed Arborist or a Licensed Tree Expert to believe that the tree or a portion of the tree has a potential to fall and strike a structure, parking area, or other high use area and result in personal injury or property damage.
- If a hazardous condition may be alleviated by corrective pruning, the Licensed Arborist or a Licensed Tree Expert may proceed without further authorization. The pruning must be done in accordance with the latest edition of the ANSI A-300 Pruning Standards ("Tree, Shrub, and Other Woody Plant Maintenance - Standard Practices").
- Corrective measures requiring the removal of the hazardous tree or portions thereof shall require authorization by the building or grading inspector if there is a valid grading or building permit for the subject lots or parcels on which the trees are located. Only after approval of the appropriate inspector may the tree be cut by chainsaw to meet the existing ground level. The stump may not be removed or covered with soil, mulch or other materials that would inhibit sprouting.
- Debris from the tree removal or pruning that occurs within 35 feet of the woodland edge may be removed and properly disposed of by recycling, chipping or other acceptable methods. All debris that is more than 35 feet from the woodland edge shall be cut up to allow contact with the ground, thus encouraging decomposition. The smaller materials shall be placed into brush piles that will serve as wildlife habitat.

### Removal of Hazardous Trees, Hazardous Limbs, Noxious Plants, Invasive Plants or Non-Native Plants in Woodland Conservation Areas Owned by Individual Homeowners

- If the developer or builder no longer has an interest in the property the home owner shall obtain a written statement from the Licensed Arborist or Licensed Tree Expert identifying the hazardous condition and the proposed corrective measures prior to having the work conducted. The tree may then be removed by the arborist or tree expert. The stump shall be cut as close to the ground as possible and left in place. The removal or grinding of the stumps in the woodland conservation area is not permitted.
- The removal of noxious, invasive, and non-native plant species from the woodland conservation area may be done with the use of hand-held equipment only such as pruners or a chainsaw. These plants may be cut near the ground and the material less than two inches diameter may be removed from the area and disposed of appropriately. All material from these noxious, invasive, and non-native plants greater than two (2) inches diameter shall be cut to allow contact with the ground, thus encouraging decomposition.
- The use of broadcast spraying of herbicides is not permitted. However, the use of herbicides to discourage re-sprouting of invasive, noxious, or non-native plants is permitted if done as an application of the chemical directly to the cut stump immediately following cutting of plant tops. The use of any herbicide shall be done in accordance with the label instructions.

Note: The use of chainsaws is extremely dangerous and should not be conducted with poorly maintained equipment, without safety equipment, or by individuals not trained in the use of this equipment for the pruning and/or cutting of trees.

### Protection of Reforestation and Afforestation Areas by Developers or Builders

- Reforestation and afforestation areas shall be planted prior to the occupancy of the nearest building or residence. If planting cannot occur due to planting conditions, the developer or property owner shall install the fencing and signage in accordance with the approved Type II Tree Conservation Plan. Planting shall then be accomplished during the next planting season. If planting is delayed beyond the transfer of the property title, to the homeowner, the developer shall obtain a signed statement from the purchaser indicating that they understand that the reforestation area is located on their property and that reforestation will occur during the next planting season. A copy of that document shall be presented to the Grading Inspector and the Environmental Planning Section.
- Reforestation areas shall not be mowed, however, the management of competing vegetation around individual trees is acceptable.

### Protection of Reforestation and Afforestation Areas by Individual Homeowners

- Reforestation fencing and signage shall remain in place in accordance with the approved Type II Tree Conservation Plan or until the trees have grown sufficiently to have crown closure.
- Reforestation areas shall not be mowed, however, the management of competing vegetation around individual trees is acceptable.

### Woodland Areas NOT Counted as Part of the Woodland Conservation Requirements

- A revised Tree Conservation Plan is required prior to clearing any woodland area which is not specifically identified to be cleared on the most recently approved Type II Tree Conservation Plan (TCP) on file in the office of the M-NCPPC, Environmental Planning Section located on the 4th floor of the County Administration Building at 14741 Governor Odan Bowie Drive, Upper Marlboro, Maryland 20772, phone 301-993-3550. Additional mitigation will be required for the clearing of all woodlands beyond that reflected on the approved plans. Although clearing may be allowed, it may be subject to additional replacement requirements, mitigation, and fees which must be reflected on TCP revisions approved by the M-NCPPC Environmental Planning Section.
- Homeowners or property owners may remove trees less than two (2) inches diameter, shrubs, and vines in woodland areas which are saved but not part of the Woodland Conservation requirements after all permits have been released for the subject property. This area may not be filled or have other ground disturbances which would result in damage to the tree zone. Raking the leaves and over-seeding with native grasses, native flowers or native ground covers is acceptable. Seeding with invasive grasses including any variety of Kentucky 31 fescue is not acceptable.

August 22, 2002  
1: Environmental Conservation/TCP Tools/Edge Management Notes.mxd

## FOREST CONSERVATION PLAN CERTIFICATION

I HEREBY CERTIFY THAT THE INFORMATION SHOWN HEREON IS CORRECT AND THAT THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF EXISTING STATE AND COUNTY FOREST CONSERVATION LEGISLATION.

9 JULY 2004  
DATE  
J.D. Stevens  
JOHN DOUGLAS STIVERS

RECOGNIZED AS QUALIFIED PROFESSIONAL BY MD. DEPT. OF NATURAL RESOURCES; I AM CERTIFIED AS TREE EXPERT NO. 0A-0753 MARYLAND LICENSED TREE EXPERT NO. 850

## M-NCPPC APPROVALS

PROJECT NAME: WINDSONG

PROJECT NUMBER: DSP-05028

For Conditions of Approval see Site Plan Cover Sheet or Approval Sheet. Variations Listed Below Apply to This Sheet.

Approval of Session #

Approval Date

Signature of Session #

Certification Date

7/2/05 N.Z. 7/2/05

Project No.

Sheet

04-134

6 of 6

TAX MAP 109

WSSC 208 & 209 SE 10

## TYPE II TREE CONSERVATION PLAN

## WINDSONG

LOTS 1 THROUGH 42, OUTPARCELS "A-D"  
15TH ELECTION DISTRICT  
PRINCE GEORGE'S COUNTY - MARYLAND



Macris, Hendricks & Glascock, P.A.  
Engineers • Planners  
Landscape Architects • Surveyors

2220 Wightman Road, Suite 120  
Montgomery Village, Maryland  
20886-1279

Phone 301.670.0840  
Fax 301.648.0693  
www.mhgapa.com

Proj. Mgr. JAR  
Date 6-14-04  
Scale 1"=100'  
Project No. 04-134  
Sheet 6 of 6

PREPARED FOR:  
EQUITY HOMES  
4035 Ridge Top Road, Suite 150  
Fairfax VA. 22030  
Phone: 703-359-4455  
Fax: 703-359-5989

| NO. | DATE | DESCRIPTION | BY |
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DSP-05028