

- A. TOTAL AREA OF TRACT: 14.5 acres
- B. AREA WITHIN 100 YEAR FLOODPLAIN: 0 acres (>400ac. D.A. or Use III/III-waters)
- C. AREA OF LAND TO BE USED FOR AGRICULTURE: 0 acres
- D. AREA WITHIN ROW/EASEMENT FOR WHICH WSSC OR MCDOT/SHA WILL BE RESPONSIBLE: 0 acres
- E. NET TRACT AREA (A-B-C-D): 14.5 acres
- F. LAND USE CATEGORY: INST (from Table 2)
- G. AFFORESTATION THRESHOLD (% from Table 3, 15%E): 2.18 acres
- H. CONSERVATION THRESHOLD (% from Table 3, 20%E): 2.90 acres
- I. EXISTING FOREST COVER: 2.47 acres
- J. FOREST COVER ABOVE AFFORESTATION THRESHOLD (I-G): 0.29 acres
- K. FOREST COVER ABOVE CONSERVATION THRESHOLD (I-H): 0 acres

CALCULATION OF BREAK-EVEN POINT (Forested acres to be saved for no planting requirements):

- L. IF $K \leq 0$ AND $I \geq G$, BREAK-EVEN POINT EQUALS I: 2.47 acres
(IF $I < G$, THERE IS NO BREAK-EVEN POINT AND AFFORESTATION PLANTING IS REQUIRED. REFER TO P, BELOW.)
IF $K > 0$, BREAK-EVEN POINT EQUAL $(K \times 20\%) + H$: 0 acres

- M. FOREST COVER TO BE RETAINED: 1.74 acres
- N. TOTAL AREA OF FOREST TO BE CLEARED: 0.73 acres
(IF N IS GREATER THAN I-L, REFORESTATION PLANTING IS REQUIRED. SEE Q-W, BELOW.)

CALCULATION OF AFFORESTATION REQUIREMENT:

- P. AFFORESTATION REQUIREMENT: $G - I = 0$ acres

CALCULATION OF REFORESTATION REQUIREMENT:

- Q. AREA OF FOREST ABOVE CONSERVATION THRESHOLD TO BE CLEARED
(If $K \geq N$, use N; $K < N$, use K): 0 acres
- R. AREA OF FOREST BELOW CONSERVATION THRESHOLD TO BE CLEARED (N-Q): 0.73 acres
- S. FORESTED AREA ABOVE CONSERVATION THRESHOLD TO BE SAVED (M-H): 0 acres
- T. PLANTING REQUIRED FOR CLEARING ABOVE THRESHOLD: $Q \times 0.25 = 0$ acres
- U. PLANTING REQUIRED FOR CLEARING BELOW THRESHOLD: $R \times 2 = 1.46$ acres
- V. CREDIT FOR FOREST SAVED ABOVE CONSERVATION THRESHOLD(S): 0 acres
- W. TOTAL REFORESTATION REQUIREMENT: $T + U - V = 1.46$ acres

TOTAL PLANTING REQUIREMENT:

- X. AFFORESTATION AND REFORESTATION: $P + W = 1.46$ acres
- Y. CREDIT FOR TREES AND LANDSCAPING: 3: 0.06 acres
- Z. TOTAL FOREST PLANTING REQUIREMENT: $X - Y = 1.40$ acres*

- 1 Use 0 for all negative numbers that result from the calculations.
- 2 See Appendix A - Glossary, for definition of terms.
- 3 Refer to Section III,B(4) of this manual for detailed explanation. All areas which are appropriate for establishing forest cover must be utilized before credit may be taken for trees and landscaping.

*1.40 ACRES OF OFF-SITE REFORESTATION IS REQUIRED

REFORESTATION CREDIT LIST

KEY	BOTANICAL NAME	COMMON NAME	SIZE	CREDIT EACH	QUANTITY	TOTAL CREDIT
AS	ACER SACCHARUM	SUGAR MAPLE	4" CAL.	707 SF	4	2827 SF

NOTES:

- 4 MAPLE TREES ARE BEING APPLIED TO THE REFORESTATION REQUIREMENT (707SF PER CANOPY TREE FOR TOTAL OF 2827 SF OR 0.06 ACRES)
SEE LANDSCAPE PLAN FOR THE LOCATIONS OF THE PROPOSED TREES

CERTIFICATION

"I CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND,

NORMAN E. HAINES

LICENSE NUMBER 563, EXPIRATION DATE _____

OWNER
MONTGOMERY COUNTY MARYLAND
DEPARTMENT OF PUBLIC WORKS & TRANSPORTATION
101 ORCHARD RIDGE DRIVE
GAITHERSBURG, MARYLAND 20878
TEL # (240) 777-6110 FAX # (240) 777-6003

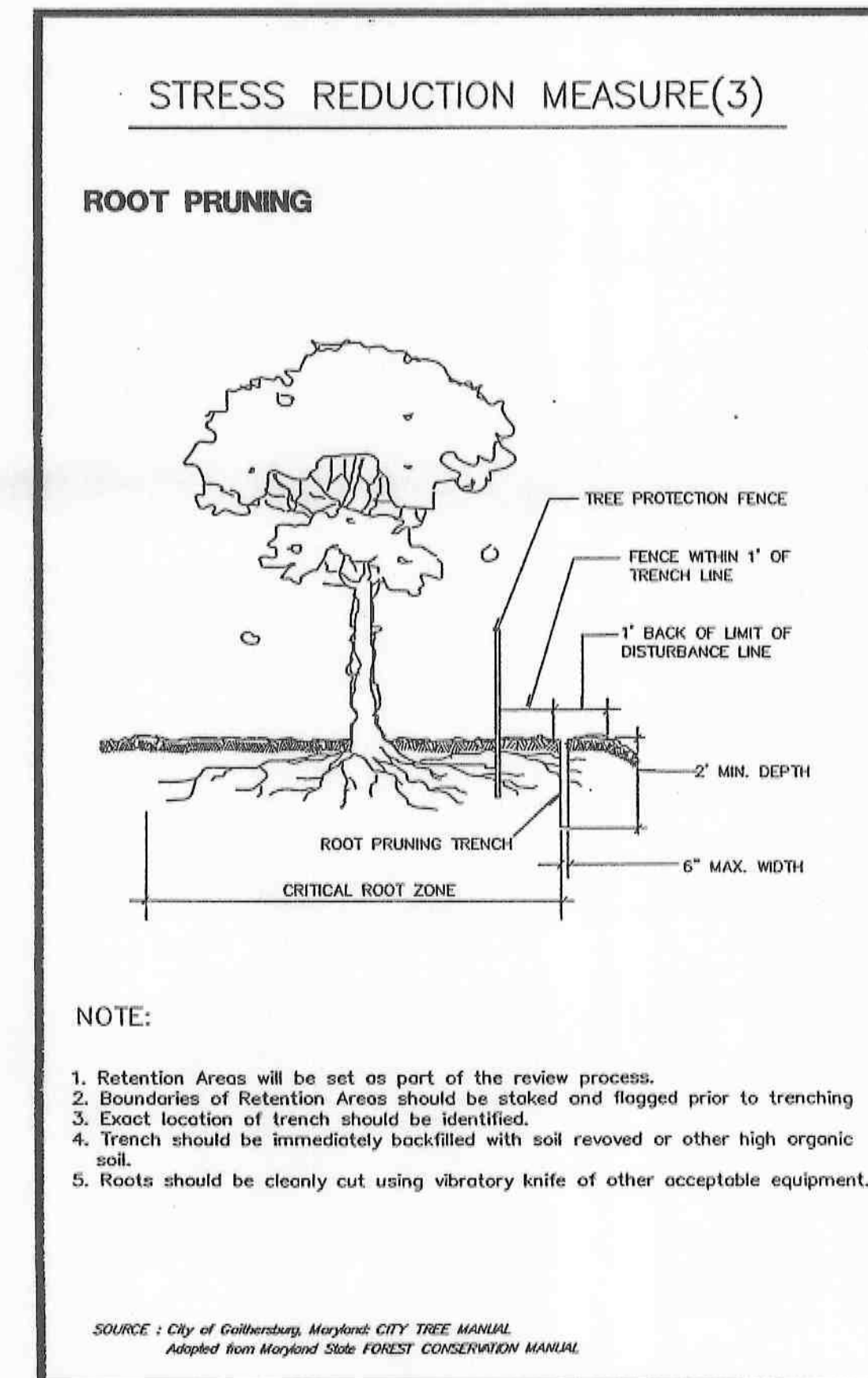
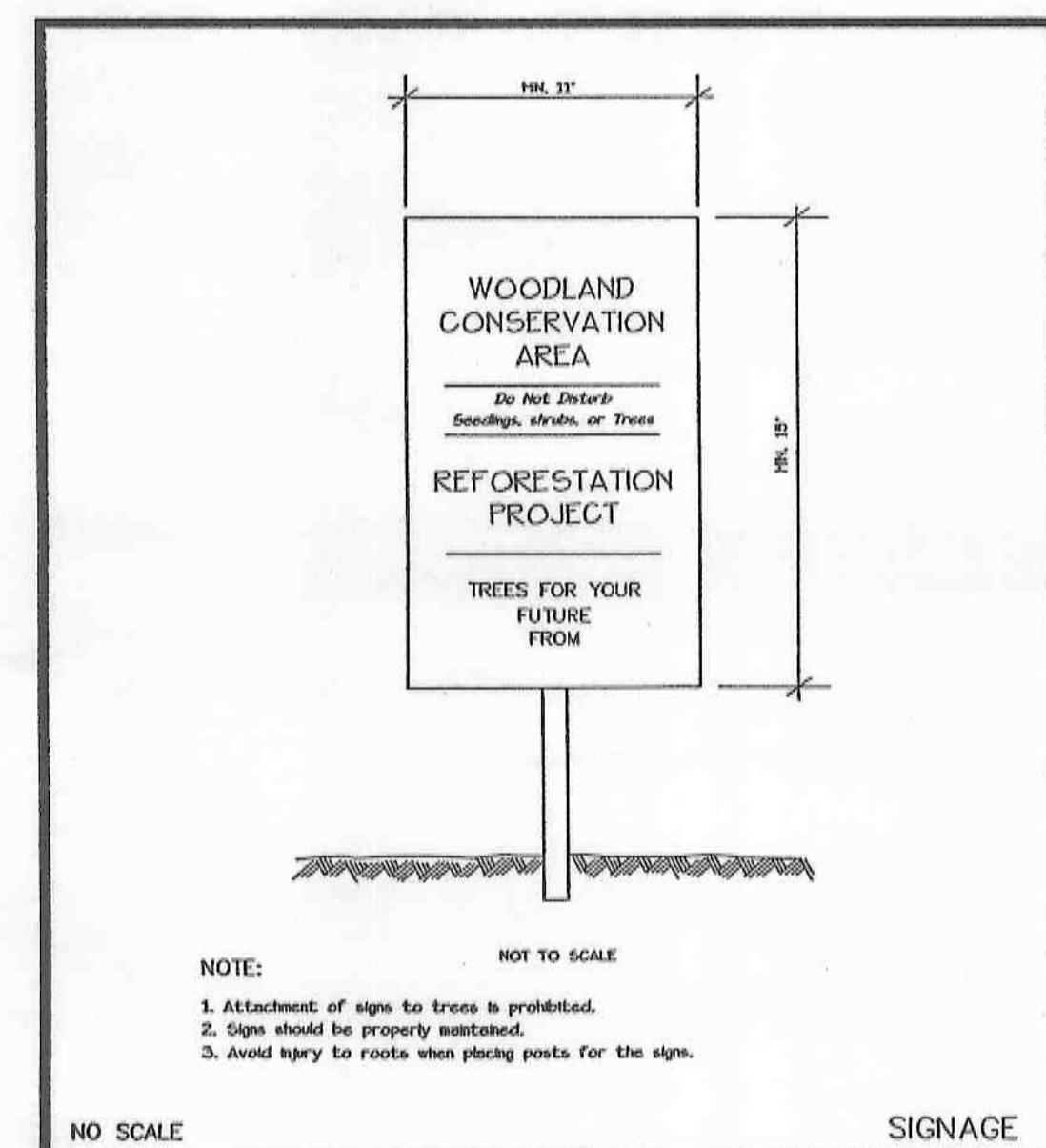
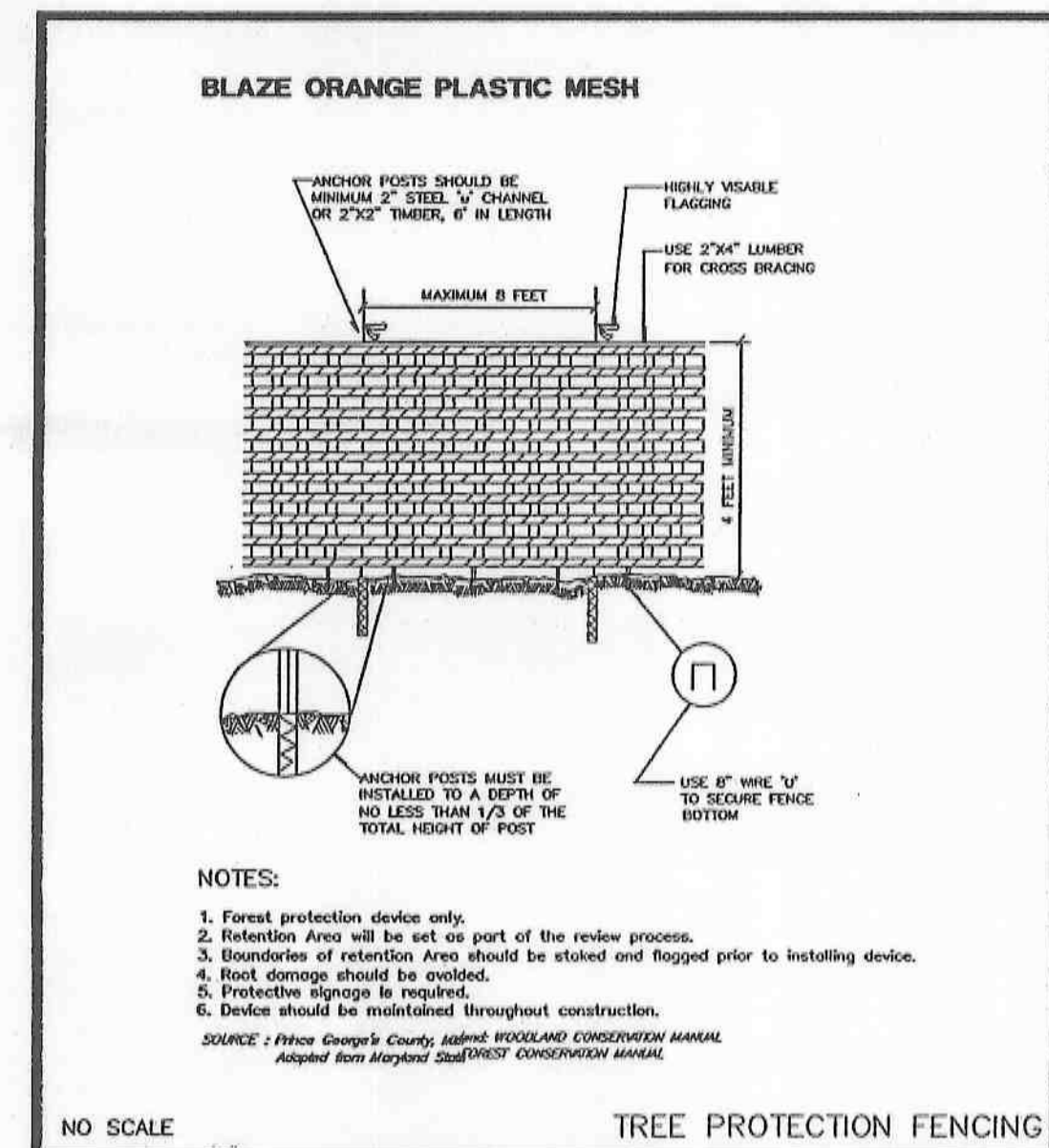
APPLICANT
WASHINGTON METROPOLITAN AREA
TRANSIT AUTHORITY
600 5TH STREET
WASHINGTON, D.C. 20001
TEL # (202) 962-1715 FAX # (202) 962-1417

THE MARYLAND NATIONAL CAPITAL
PARK AND PLANNING COMMISSION

FINAL FOREST CONSERVATION PLAN

APPROVAL

Plan No. MR-2001-P&S-1
Signature: *Norman E. Haines* DATE: 01/15/02



REVISION / RELEASE

DATE	MARK	REVISION / RELEASE
01/19/01		DESIGN DEVELOPMENT SUBMITTAL
05/22/01		PERMIT SUBMISSION
06/29/01		ISSUED FOR BID
08/23/01		ISSUED AS ADDENDUM #1
09/21/01		ISSUED AS ADDENDUM #2
02/15/02		ISSUED AS ADDENDUM #4
01/15/02		REVISED PER SWM/E&S COMMENTS

FOREST CONSERVATION NOTES + DETAILS

GROSVENOR METRO STATION
PARKING STRUCTURE

MONTGOMERY COUNTY, MD PARCEL 428 LIBER 4860/FOLIO 15 AND LIBER 5262/FOLIO 663

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PROJECT NO. 14-2792.02
IFB NO. 1502050255

L-6
SHEET NO.