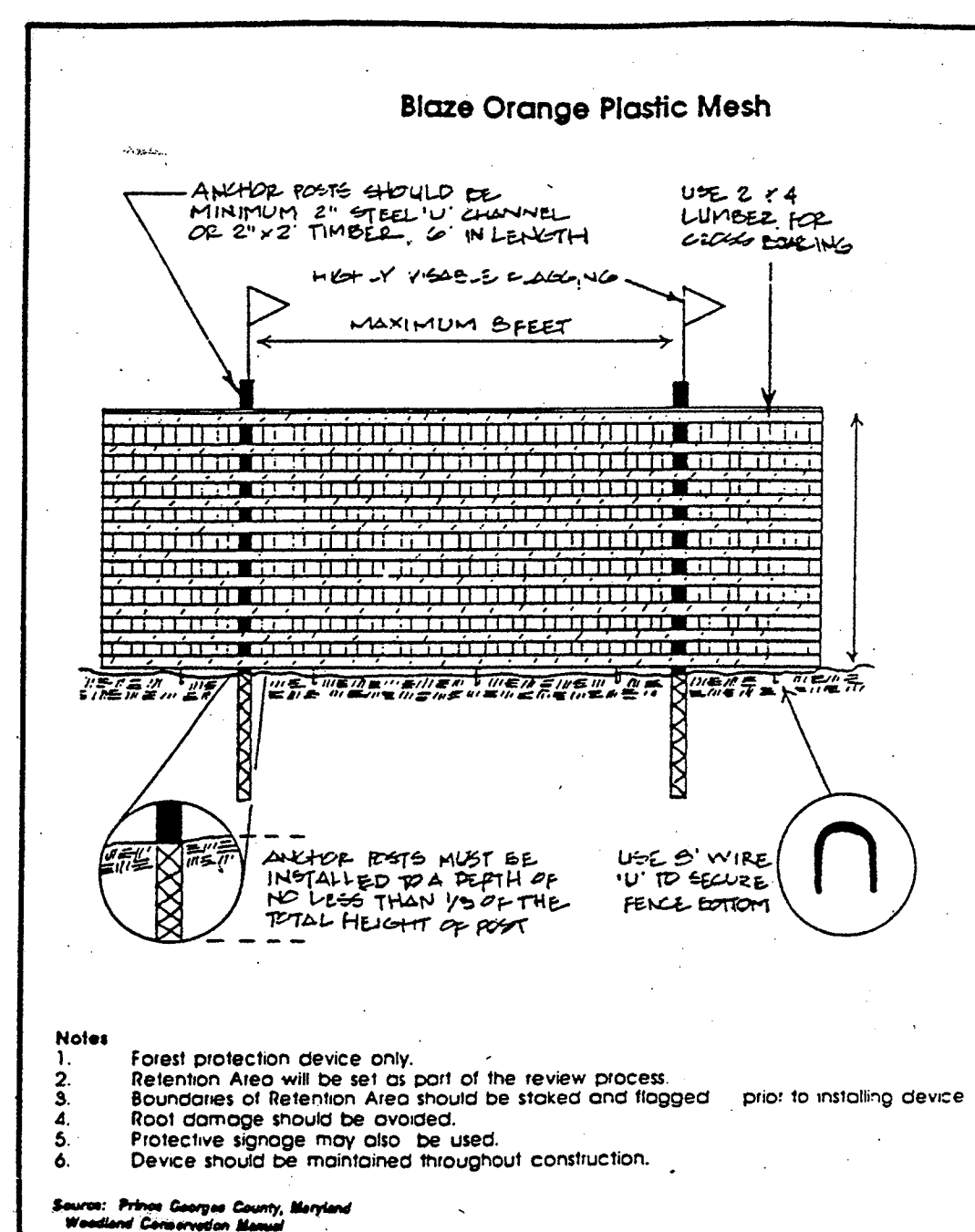
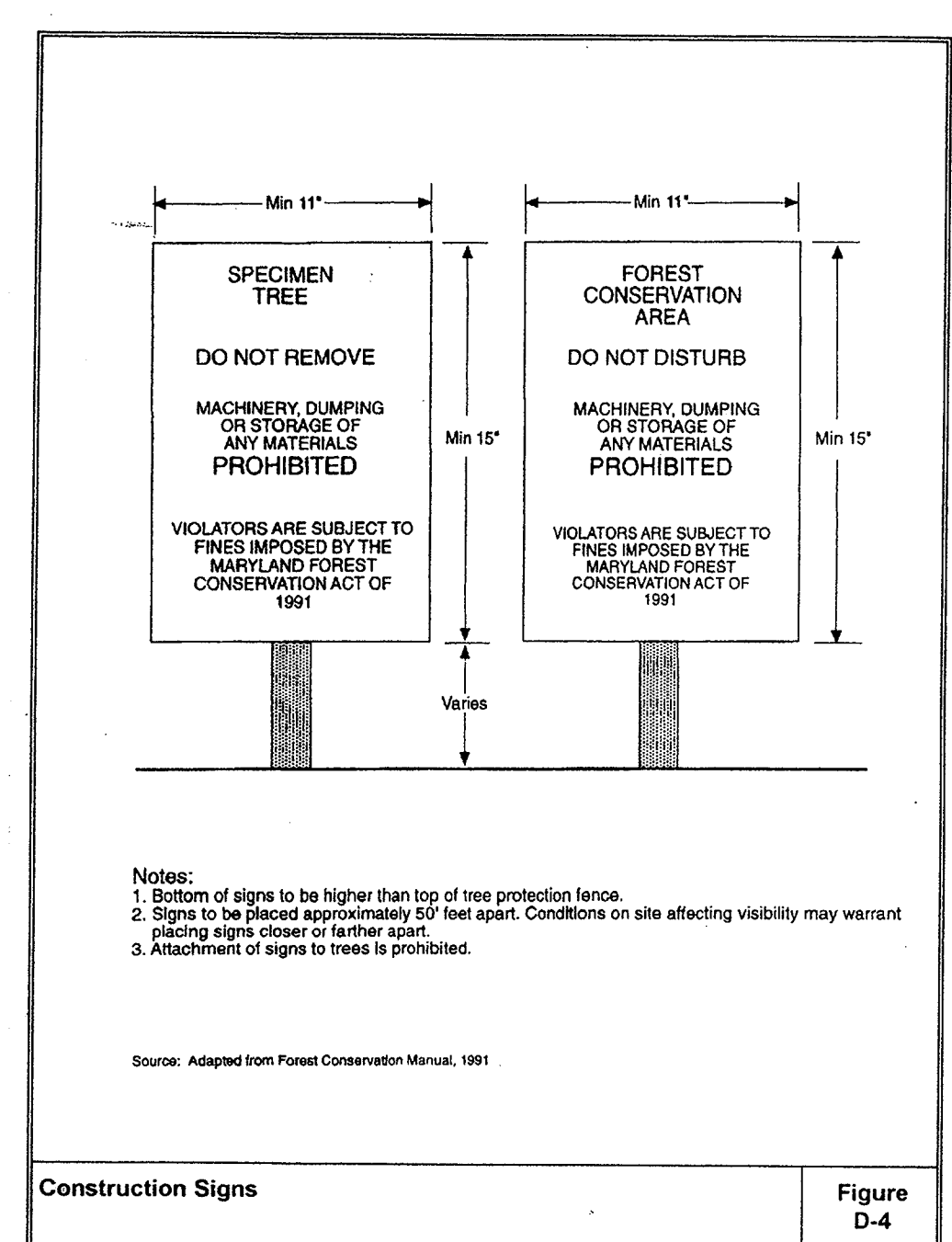
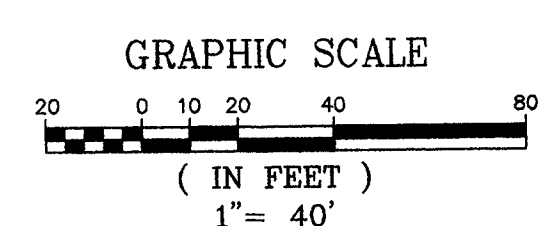
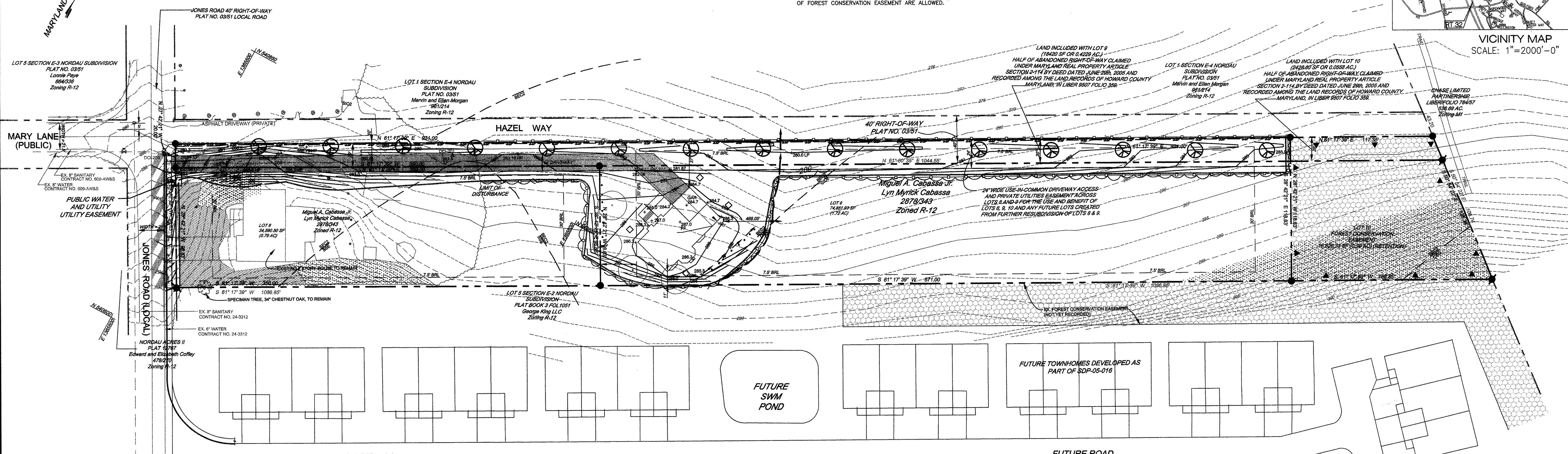
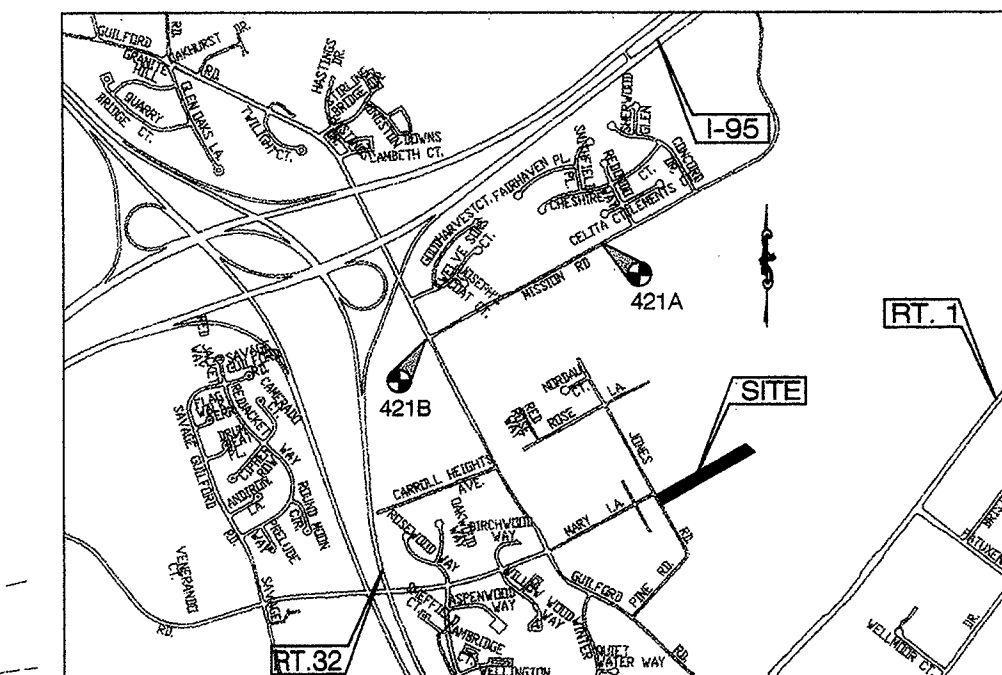


- NOTES:
- ALL FORESTED AREAS EXCEPT THOSE ON LOT 10 WILL EVENTUALLY BE CLEARED (0.85 AC).
 - THIS PLAN COMPLIES WITH THE REQUIREMENTS OF SECTION 16.1200 OF THE HOWARD COUNTY CODE FOR FOREST CONSERVATION BY THE RETENTION OF 0.386 ACRES OF ON-SITE EXISTING FOREST AND BY PAYMENT OF A FEE IN LIEU IN THE AMOUNT OF \$11,979.00 TO COMPENSATE FOR THE REMAINING 0.55 ACRES (23,958 SPOK REFORESTATION/RETENTION OBLIGATION NOT PROVIDED ON-SITE. THE TOTAL FOREST CONSERVATION OBLIGATION FOR THIS SUBDIVISION IS 0.336 ACRES. A FOREST CONSERVATION FINANCIAL SURETY IN THE AMOUNT OF \$3,397.68 FOR 0.386 ACRES OF ON-SITE FOREST RETENTION WAS PAID.
 - THERE ARE NO WETLANDS, FLOODPLAINS, INTERMITTENT OR PERENNIAL STREAMS, CRITICAL HABITATS, OR CULTURAL OR HISTORIC RESOURCES ON THIS SITE.
 - THIS REPRESENTS FOREST CONSERVATION EASEMENT (FCE). THE FCE HAS BEEN ESTABLISHED TO FULFILL THE REQUIREMENT OF SECTION 16.1200 OF THE HOWARD COUNTY CODE. NO CLEARING, GRADING OR CONSTRUCTION IS PERMITTED WITHIN THE FCE, HOWEVER, FOREST MANAGEMENT PRACTICES DEFINED IN THE DEED OF FOREST CONSERVATION EASEMENT ARE ALLOWED.

SOIL LEGEND		
SYMBOL	NAME/DESCRIPTION	SOIL GROUP
Bec2	BELTSVILLE SILT LOAM, 5 TO 10 PERCENT SLOPES, MODERATELY ERODED	C
CID2	CHILLUM GRAVELLY LOAM, 10 TO 15 PERCENT SLOPES, MODERATELY ERODED	C
CIe2	CHILLUM GRAVELLY LOAM, 10 TO 30 PERCENT SLOPES, MODERATELY ERODED	C
SIC2	SASSAFRAS LOAM, 5 TO 10 PERCENT SLOPES, MODERATELY ERODED	B
SSE	SASSAFRAS LOAM, 10 TO 45 PERCENT SLOPES	B



FOREST CONSERVATION WORKSHEET

NET TRACT AREA:

A. TOTAL TRACT AREA 2.90 Ac
 B. DEDUCTIONS 0.00 Ac
 C. NET TRACT AREA (NTA) 2.90 Ac

LAND USE CATEGORY: INSTITUTIONAL
 ARA MDR IDA HDR MPD CIA

D. AFFORESTATION THRESHOLD (15% X A) 0.44 Ac
 E. CONSERVATION THRESHOLD (20% X A) 0.58 Ac

EXISTING FOREST COVER:

F. EXISTING FOREST COVER (WITHIN NTA) 1.24 Ac
 G. FOREST ABOVE CONSERVATION THRESHOLD IF F > E THEN G=F-E OTHERWISE G=0 0.66 Ac

BREAK EVEN POINT:

H. FOREST RETENTION ABOVE THRESHOLD W/O MITIGATION (1) IF C>0 THEN H=(0.20)E (2) IF G=0 THEN H=F 0.71 Ac
 I. CLEARING PERMITTED WITHOUT MITIGATION H=F-H 0.53 Ac

PROPOSED FOREST CLEARING:

J. TOTAL FOREST TO BE CLEARED 0.85 Ac
 K. TOTAL FOREST TO BE RETAINED 0.39 Ac
 K=F-J

PLANTING REQUIREMENTS:

L. REFORESTATION FOR CLEARING ABOVE THRESHOLD (1) IF K>E THEN L=(J*0.25) (2) IF K<=E, L=(G*0.25) 0.17 Ac
 M. REFORESTATION FOR CLEARING BELOW THRESHOLD (1) IF F>E&&K<=M=(E-K) (2) IF F<=E, M=0 0.38 Ac
 N. CREDIT FOR RETENTION ABOVE THRESHOLD 0.00 Ac
 P. TOTAL REFORESTATION REQUIRED 0.55 Ac
 P=L+M-N
 Q. TOTAL AFFORESTATION REQUIRED 0.00 Ac
 R. TOTAL REFORESTATION AND/OR AFFORESTATION REQUIRED 0.55 Ac
 R=P+Q
 S. TOTAL REFORESTATION AND/OR AFFORESTATION PROVIDED (ON-SITE) 0.00 Ac
 T. TOTAL REFORESTATION REQUIREMENT REMAINING 0.55 Ac

LEGEND

TREE PROTECTION FENCE [Symbol]

EXISTING FOREST LINE [Symbol]

FOREST STAND BOUNDARY AND FOREST STAND NUMBER [Symbol]

SIGNIFICANT TREE AND CRITICAL ROOT ZONE [Symbol]

TREE REMOVAL [Symbol]

EPHEMERAL STREAM [Symbol]

INTERMITTENT STREAM [Symbol]

STREAM BUFFER [Symbol]

SOIL BOUNDARY AND SOIL TYPE [Symbol]

SLOPES >= 25% [Symbol]

SLOPES >= 15% TO 25% [Symbol]

TREE PROTECTION SIGNAGE [Symbol]

PLAN PREPARED BY:
 Richard Sobott
 Maryland DNR Qualified Professional

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
 CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE 12/15/05
 CHIEF, DIVISION OF LAND DEVELOPMENT DATE 12/15/05

PERMIT INFORMATION CHART

Subdivision Name	Section/Area	Lot No.			
NORDAU	E2	6			
Deed #	Grid	Zoning	Tax Map No.	Elect. District	Census Tract
2878/343	24	R-12	42	6	
Water Code	Sewer Code				
B03	4360000				

**FOREST CONSERVATION PLAN
 CABASSA PROPERTY**

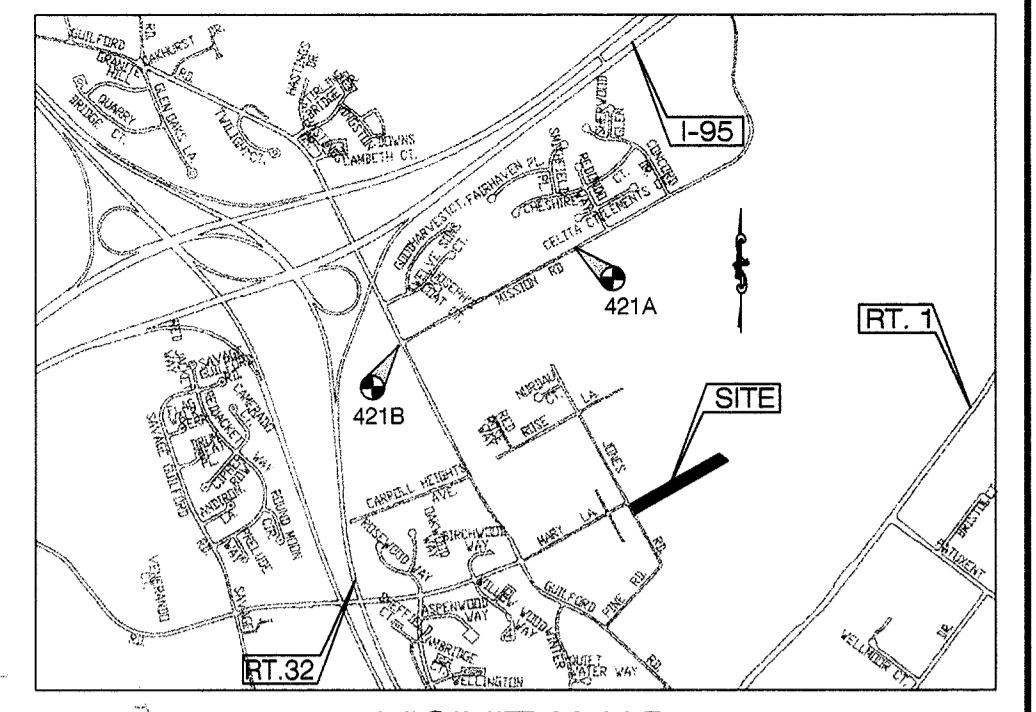
8100 JONES ROAD
 LOT 6 SECTION E2
 NORDAU SUBDIVISION
 6th ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

DCI
 DANIEL CONSULTANTS, INC.
 CONSULTING ENGINEERING AND PLANNING
 8950 Rt. 108 E., Suite 229 Columbia, MD. 21045
 Phone: 410-992-0690 Fax: 410-992-7038

DESIGN BY: RLS
 DRAWN BY: TV
 CHECKED BY: AS SHOWN
 DATE: 11/17/05
 W. O. No.:
 SHEET No. 1 of 2

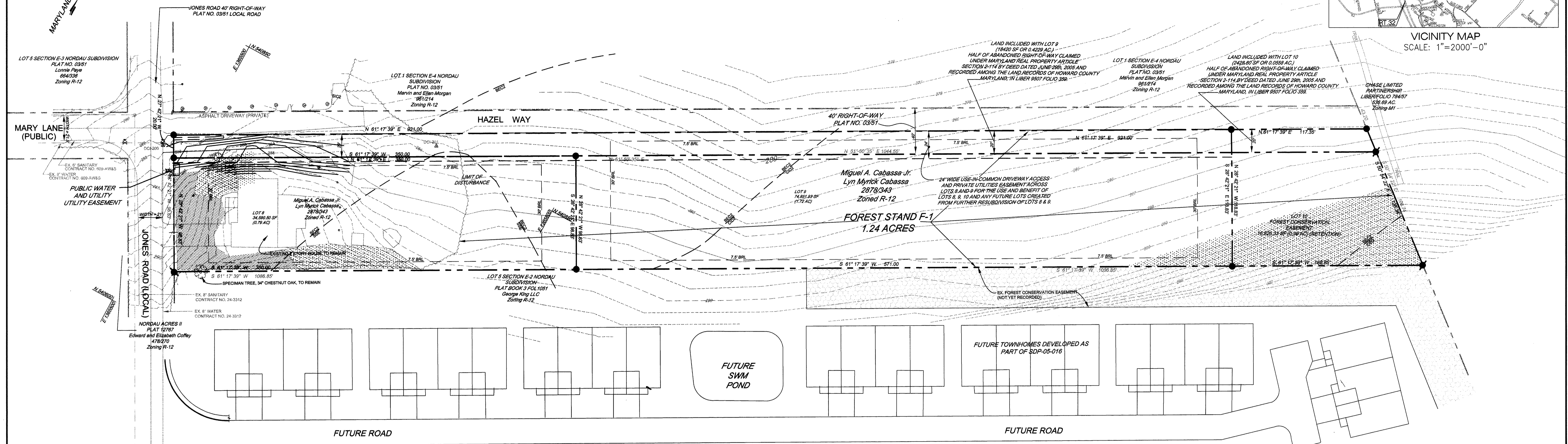
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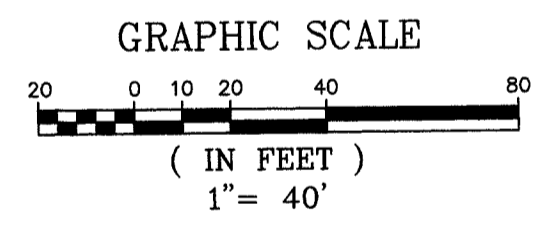


VICINITY MAP
SCALE: 1"=2000'-0"

NOTES:
1) THERE ARE NO WETLANDS, FLOODPLAINS, INTERMITTENT OR PERENNIAL STREAMS, CRITICAL HABITATS, OR CULTURAL OR HISTORIC RESOURCES ON THIS SITE.



SCALE 1" = 40'



LEGEND	
TREE PROTECTION FENCE	
EXISTING FOREST LINE	
FOREST STAND BOUNDARY AND FOREST STAND NUMBER	
SIGNIFICANT TREE AND CRITICAL ROOT ZONE	
TREE REMOVAL	
EPHEMERAL STREAM	
INTERMITTENT STREAM	
STREAM BUFFER	
SOIL BOUNDARY AND SOIL TYPE	
SLOPES >= 25%	
SLOPES >= 15% TO 25%	

FOREST STAND DELINATION
Stand F1 is a mature mixed hardwood forest of the Chestnut Oak-Post Oak-Blackjack Oak Association. The dominant species is Chestnut oak (*Quercus montana*) but there are also some of black oak (*Quercus velutina*), white oak (*Quercus alba*) and the occasional American Beech (*Fagus grandifolia*) and Virginia Pine (*Pinus virginiana*). The size class is medium to large saw timber averaging 20" dbh. The stand contains one specimen tree (a 34" Chestnut Oak). The stocking is in the optimum range for tree growth. This stand is contiguous with mature hardwoods stands of the same description to north, south and east. The understory is typical of mature mixed forests with a large percentage of mountain laurel (*Kalmia latifolia*) and scattered canopy species saplings. The light shrub layer includes lowbush blueberry (*Vaccinium angustifolium*). The mature nature of the stand limits herbaceous cover. The canopy closure is approximately 80 percent. No invasive species were noted. The stand is fairly healthy. There were some signs of damage by gypsy moth larva. Species diversity is low to moderate at all strata level. This together with its inherent high quality makes this stand a high preservation priority.

**FOREST STAND DELINATION PLAN
CABASSA PROPERTY**

8100 JONES ROAD
LOT 6 SECTION E2
NORDAU SUBDIVISION
6th ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

PLAN PREPARED BY:

Richard Sobott
Maryland DNR Qualified Professional

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DRAWN BY: TV
CHECKED BY: AS SHOWN
DATE: 11/17/05
W. O. No.:
SHEET No. 2 OF 2