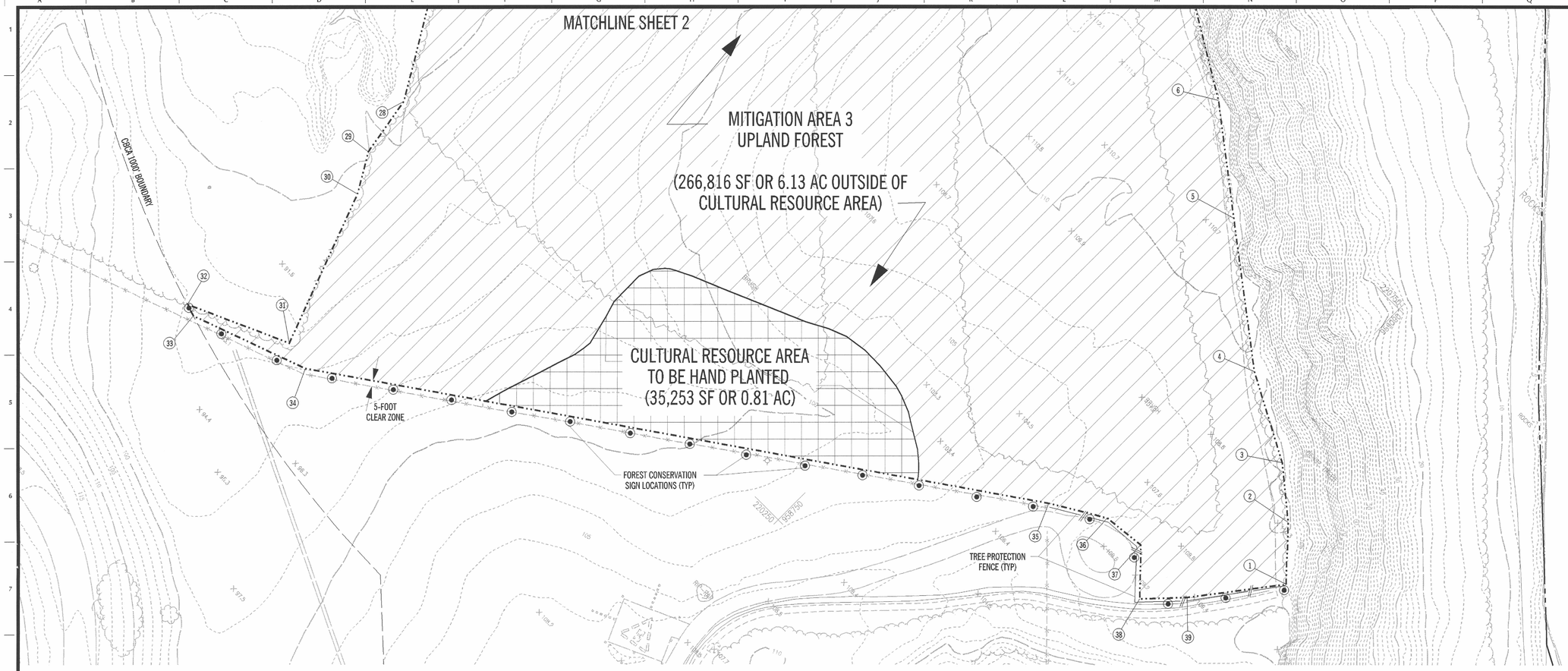

BOTANICAL NAME	COMMON NAME	QTY	SIZE	ROOT BALL
TREES				
Liquidambar styraciflua	Sweetgum	54	1" CALIPER	B&B
Liriodendron tulipifera	Tulip Tree	53	1" CALIPER	B&B
Quercus alba	White Oak	53	1" CALIPER	B&B
Quercus prinus	Chestnut Oak	53	1" CALIPER	B&B
Quercus vilutina	Black Oak	53	1" CALIPER	B&B
BOTANICAL NAME	COMMON NAME	QTY	SIZE	ROOT BALL
TREES				
Cornus florida	Flowering Dogwood	322	WHIP/SEEDLING	BARE ROOT
Ilex opaca	American Holly	322	WHIP/SEEDLING	BARE ROOT
Liquidambar styraciflua	Sweetgum	322	WHIP/SEEDLING	BARE ROOT
Liriodendron tulipifera	Tulip Tree	322	WHIP/SEEDLING	BARE ROOT
Quercus alba	White Oak	322	WHIP/SEEDLING	BARE ROOT
Quercus prinus	Chestnut Oak	322	WHIP/SEEDLING	BARE ROOT
Quercus vilutina	Black Oak	322	WHIP/SEEDLING	BARE ROOT
Nyssa sylvatica	Black Gum	322	WHIP/SEEDLING	BARE ROOT
Sassafras albidum	Sassafras	322	WHIP/SEEDLING	BARE ROOT
SHRUBS	SHRUBS			
Kalmia latifolia	Mountian Laurel	322	WHIP/SEEDLING	BARE ROOT
Virburnum acerifolium	Maple-leaved Arrowwood	322	WHIP/SEEDLING	BARE ROOT
Virburnum prunifolium	Black Haw	322	WHIP/SEEDLING	BARE ROOT

PLANTING SCHEDULE FOR MITIGATION AREA 3 - UPLAND FOREST
OUTSIDE OF CULTURAL RESOURCE AREA
THIS SHEET ONLY - 266,816 SF OR 6.13 ACRES

CRITICAL AREA CREDITS REQUIRED:
10% OF THE OVERALL PLANTING PROVIDED SHALL BE NURSERY STOCK SIZE OF CANOPY TREES WITH 1" CALIPER AND 6' HIGH PER 100 SQ. FT.
90% OF THE OVERALL PLANTING PROVIDED SHALL BE BARE ROOT SEEDLING OR WHIP, 700 PER ACRE
(REFER TO COVER SHEET FOR MONITORING AND SURVIVAL RATES)

CRITICAL AREA CREDITS PROVIDED:
6.13 ACRES X 0.1 = .61 X 43,560 = 26572/100 = 266 - 1" CALIPER TREES
6.13 ACRES X 0.9 = 5.52 X 700 = 3,864 SEEDLINGS OR WHIPS

BOTANICAL NAME	COMMON NAME	QTY	SIZE	ROOT BALL
TREES				
Liquidambar styraciflua	Sweetgum	7	1" CALIPER	B&B
Liriodendron tulipifera	Tulip Tree	7	1" CALIPER	B&B
Quercus alba	White Oak	7	1" CALIPER	B&B
Quercus prinus	Chestnut Oak	7	1" CALIPER	B&B
Quercus vilutina	Black Oak	7	1" CALIPER	B&B
BOTANICAL NAME	COMMON NAME	QTY	SIZE	ROOT BALL
TREES				
Cornus florida	Flowering Dogwood	42	WHIP/SEEDLING	BARE ROOT
Ilex opaca	American Holly	42	WHIP/SEEDLING	BARE ROOT
Liquidambar styraciflua	Sweetgum	43	WHIP/SEEDLING	BARE ROOT
Liriodendron tulipifera	Tulip Tree	43	WHIP/SEEDLING	BARE ROOT
Quercus alba	White Oak	43	WHIP/SEEDLING	BARE ROOT
Quercus prinus	Chestnut Oak	43	WHIP/SEEDLING	BARE ROOT
Quercus vilutina	Black Oak	43	WHIP/SEEDLING	BARE ROOT
Nyssa sylvatica	Black Gum	43	WHIP/SEEDLING	BARE ROOT
Sassafras albidum	Sassafras	43	WHIP/SEEDLING	BARE ROOT
SHRUBS	SHRUBS			
Kalmia latifolia	Mountian Laurel	42	WHIP/SEEDLING	BARE ROOT
Virburnum acerifolium	Maple-leaved Arrowwood	42	WHIP/SEEDLING	BARE ROOT
Virburnum prunifolium	Black Haw	42	WHIP/SEEDLING	BARE ROOT

PLANTING SCHEDULE FOR MITIGATION AREA 3 - UPLAND FOREST
CULTURAL RESOURCE AREA
THIS SHEET ONLY - 35,253 SF OR 0.81 ACRES

CRITICAL AREA CREDITS REQUIRED:
10% OF THE OVERALL PLANTING PROVIDED SHALL BE NURSERY STOCK SIZE OF CANOPY TREES WITH 1" CALIPER AND 6' HIGH PER 100 SQ. FT.
90% OF THE OVERALL PLANTING PROVIDED SHALL BE BARE ROOT SEEDLING OR WHIP, 700 PER ACRE
(REFER TO COVER SHEET FOR MONITORING AND SURVIVAL RATES)

CRITICAL AREA CREDITS PROVIDED:
0.81 ACRES X 0.1 = .08 X 43,560 = 3,485/100 = 35 - 1" CALIPER TREES
0.81 ACRES X 0.9 = .73 X 700 = 511 SEEDLINGS OR WHIPS

LEGEND

- SITE BOUNDARY
- CBCA 1000' BOUNDARY
- STEAM OR BODY OF WATER
- EXISTING CONTOUR
- EXISTING TREE LINE
- EXISTING BRUSH LINE
- TREE PROTECTION FENCE
- FOREST CONSERVATION SIGN LOCATION
- PROPOSED FOREST CONSERVAION EASEMENT
- UPLAND FOREST PLANTING AREA
- CULTURAL RESOURCES AREA TO BE HAND PLANTED W/ UPLAND FOREST

NOTE:
ALL PLANTING AREAS SHALL BE STABILIZED WITH SEED AND MULCH AT THE END OF EACH WORK DAY.

PLANT NORTH
TRUE NORTH
45°

40 20 0 40 80
SCALE: 1"=40'

OWNER/DEVELOPER:
CALVERT CLIFFS 3
NUCLEAR PROJECT, LLC
100 CONSTELLATION WAY
BALTIMORE, MD 21202
(410) 470-5857
ATTN: ED MILLER
(443) 569-9220

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL LANDSCAPE ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND.
LICENSE NO. 3305, EXPIRATION DATE: 5/7/11

No.	REVISION	DATE	BY

GREENHORNE & O'MARA
CONSULTING ENGINEERS
6110 FROST PLACE, LAUREL, MARYLAND 20707
PHONE: (410) 266-0066 FAX: (410) 266-0067
www.g-and-o.com
FLORIDA • GEORGIA • MARYLAND • NORTH CAROLINA • PENNSYLVANIA • VIRGINIA • WEST VIRGINIA
© LATEST DATE HEREON

CRITICAL AREA MITIGATION PLANTING PLAN
for
CALVERT CLIFFS
TAX MAP 35; PARCEL 9
1ST DISTRICT, 3RD ASSESSMENT AREA
CALVERT COUNTY, MARYLAND

D-03

DESIGN KLD	SCALE 1" = 40'	
DRAWN MBK	3 OF 7	
CHECKED	SHEET	
JULY 2009 DATE	3017 PROJ No.	FILE No.

DATE=7/15/2009 DGN=J:\3017\eng\SHEETS\DEMO\Mitigation Plans\013017_MIT 03.DGN PRF=J:\3017\eng\SHEETS\DEMO\Mitigation Plans\013017_MIT 03.prf TBL=P:\Plot\Pentables\Maryland\Anne_Arundel\VBSTANDARD.TBL SCALE=40 ROT=90