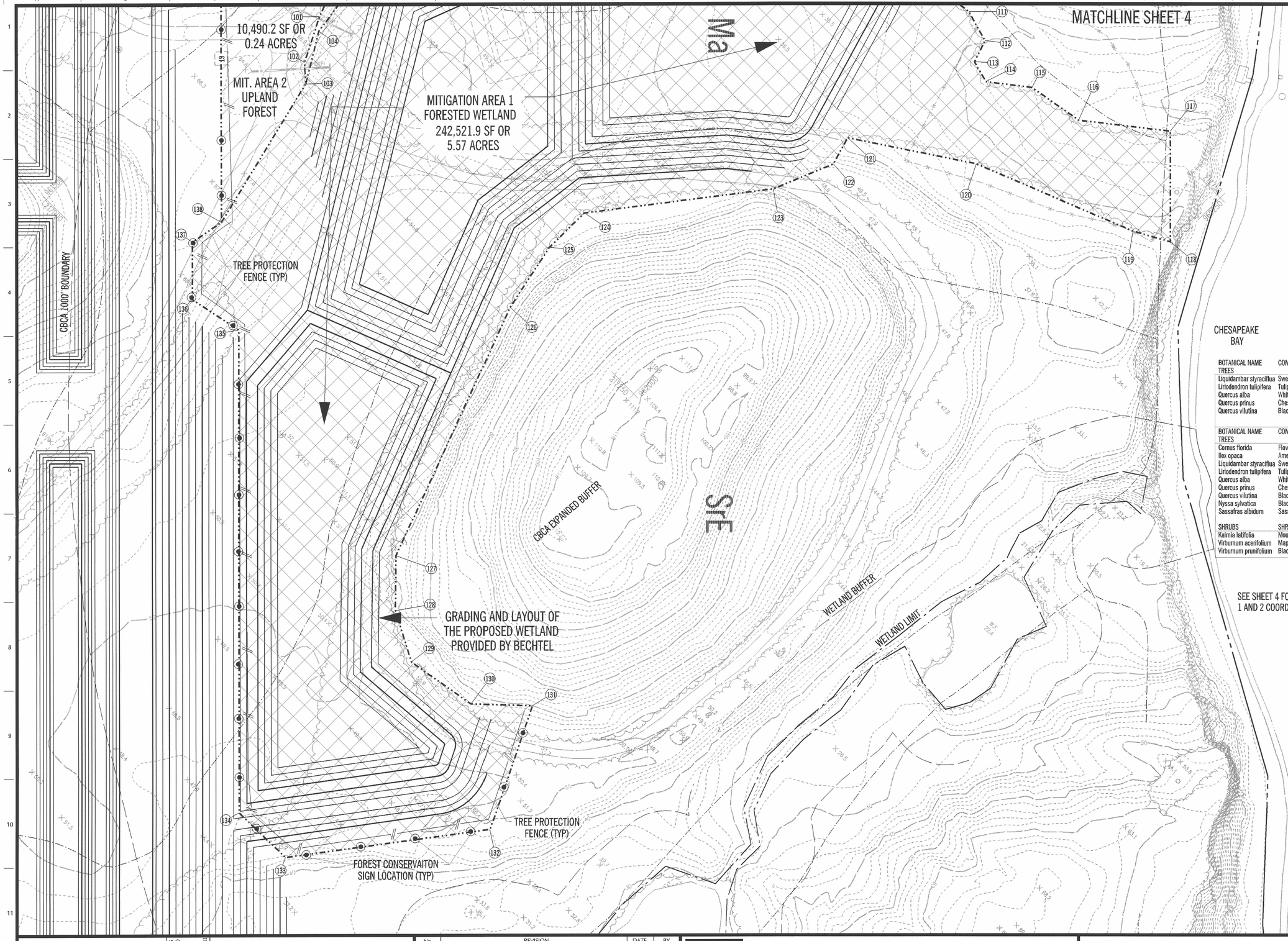

PLANTING SCHEDULE FOR MITIGATION AREA 3 - FORESTED WETLAND
THIS SHEET ONLY - 242,521.9 SF OR 5.57 ACRES

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:
5.57 ACRES X 0.1 = .56 X 43,560 = 24394/100 = 244 - 1" CALIPER TREES
5.57 ACRES X 0.9 = 5.01 X 700 = 3,507 SEEDLINGS OR WHIPS

BOTANICAL NAME	COMMON NAME	QTY	SIZE	ROOT BALL
TREES				
Liquidambar styraciflua	Sweetgum	48	1" CALIPER	B&B
Liriodendron tulipifera	Tulip Tree	49	1" CALIPER	B&B
Quercus alba	White Oak	49	1" CALIPER	B&B
Quercus prinus	Chestnut Oak	49	1" CALIPER	B&B
Quercus vilutina	Black Oak	49	1" CALIPER	B&B

BOTANICAL NAME	COMMON NAME	QTY	SIZE	ROOT BALL
TREES				
Cornus florida	Flowering Dogwood	292	WHIP/SEEDLING	BARE ROOT
Ilex opaca	American Holly	292	WHIP/SEEDLING	BARE ROOT
Liquidambar styraciflua	Sweetgum	293	WHIP/SEEDLING	BARE ROOT
Liriodendron tulipifera	Tulip Tree	293	WHIP/SEEDLING	BARE ROOT
Quercus alba	White Oak	293	WHIP/SEEDLING	BARE ROOT
Quercus prinus	Chestnut Oak	292	WHIP/SEEDLING	BARE ROOT
Quercus vilutina	Black Oak	292	WHIP/SEEDLING	BARE ROOT
Nyssa sylvatica	Black Gum	292	WHIP/SEEDLING	BARE ROOT
Sassafras albidum	Sassafras	292	WHIP/SEEDLING	BARE ROOT
SHRUBS	SHRUBS		WHIP/SEEDLING	
Kalmia latifolia	Mountian Laurel	292	WHIP/SEEDLING	BARE ROOT
Virburnum acerifolium	Maple-leaved Arrowwood	292	WHIP/SEEDLING	BARE ROOT
Virburnum prunifolium	Black Haw	292	WHIP/SEEDLING	BARE ROOT

BOTANICAL NAME	COMMON NAME	QTY	SIZE	ROOT BALL
TREES				
Liquidambar styraciflua	Sweetgum	3	1" CALIPER	B&B
Liriodendron tulipifera	Tulip Tree	2	1" CALIPER	B&B
Quercus alba	White Oak	2	1" CALIPER	B&B
Quercus prinus	Chestnut Oak	2	1" CALIPER	B&B
Quercus vilutina	Black Oak	2	1" CALIPER	B&B

BOTANICAL NAME	COMMON NAME	QTY	SIZE	ROOT BALL
TREES				
Cornus florida	Flowering Dogwood	13	WHIP/SEEDLING	BARE ROOT
Ilex opaca	American Holly	13	WHIP/SEEDLING	BARE ROOT
Liquidambar styraciflua	Sweetgum	13	WHIP/SEEDLING	BARE ROOT
Liriodendron tulipifera	Tulip Tree	13	WHIP/SEEDLING	BARE ROOT
Quercus alba	White Oak	13	WHIP/SEEDLING	BARE ROOT
Quercus prinus	Chestnut Oak	13	WHIP/SEEDLING	BARE ROOT
Quercus vilutina	Black Oak	13	WHIP/SEEDLING	BARE ROOT
Nyssa sylvatica	Black Gum	13	WHIP/SEEDLING	BARE ROOT
Sassafras albidum	Sassafras	13	WHIP/SEEDLING	BARE ROOT
SHRUBS	SHRUBS		WHIP/SEEDLING	
Kalmia latifolia	Mountian Laurel	13	WHIP/SEEDLING	BARE ROOT
Virburnum acerifolium	Maple-leaved Arrowwood	12	WHIP/SEEDLING	BARE ROOT
Virburnum prunifolium	Black Haw	12	WHIP/SEEDLING	BARE ROOT

PLANTING SCHEDULE FOR MITIGATION AREA 3
FORESTED WETLAND
THIS SHEET ONLY - 10,490 SF OR 0.24 AC.

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:

10,490.2 X 0.1 = 1,049/100= 11 1" CALIPER TREES

0.24 ACRES X 0.9 = 0.22 X 700 = 154 SEEDLINGS OR WHIPS

SEE SHEET 4 FOR MITIGATION AREAS 1 AND 2 COORDINATE TABLE

LEGEND

- SITE BOUNDARY
- CBCA 1000' BOUNDARY
- STEAM OR BODY OF WATER
- EXISTING CONTOUR
- PROPOSED CONTOUR
- EXISTING TREE LINE
- SOILS BOUNDARY
- SOILS LABEL (SaC2)
- TREE PROTECTION FENCE
- FOREST CONSERVATION SIGN LOCATION
- PROPOSED FOREST CONSERVAION EASEMENT
- UPLAND FOREST PLANTING AREA
- FORESTED WETLAND PLANTING AREA

PLANT NORTH
45°
TRUE NORTH

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

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 REGISTERED LANDSCAPE ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 3106 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-05

DESIGN	SCALE	1" = 40'
KLD		
DRAWN		5 OF 7
MBK		
CHECKED	SHEET	
JULY 2009	3017	
DATE	PROJ No.	FILE No.

DATE=7/15/2009 DGN=J:\3017\eng\SHEETS\DEMO\Mitigation Plans\013017_MIT 05.DGN PRF=J:\3017\eng\SHEETS\DEMO\Mitigation Plans\013017_MIT 05.prf TBL=P:\Plot\Pentables\Maryland\Arne_Arundel\V8STANDARD.TBL SCALE=40 ROT=90