

VICINITY MAP LUMBERTON, NC
NOT TO SCALE

FINAL AS-BUILT DRAWINGS & RECORD DRAWINGS

MEADOWBRANCH SWAMP WETLAND RESTORATION PROJECT

ROBESON COUNTY, NORTH CAROLINA

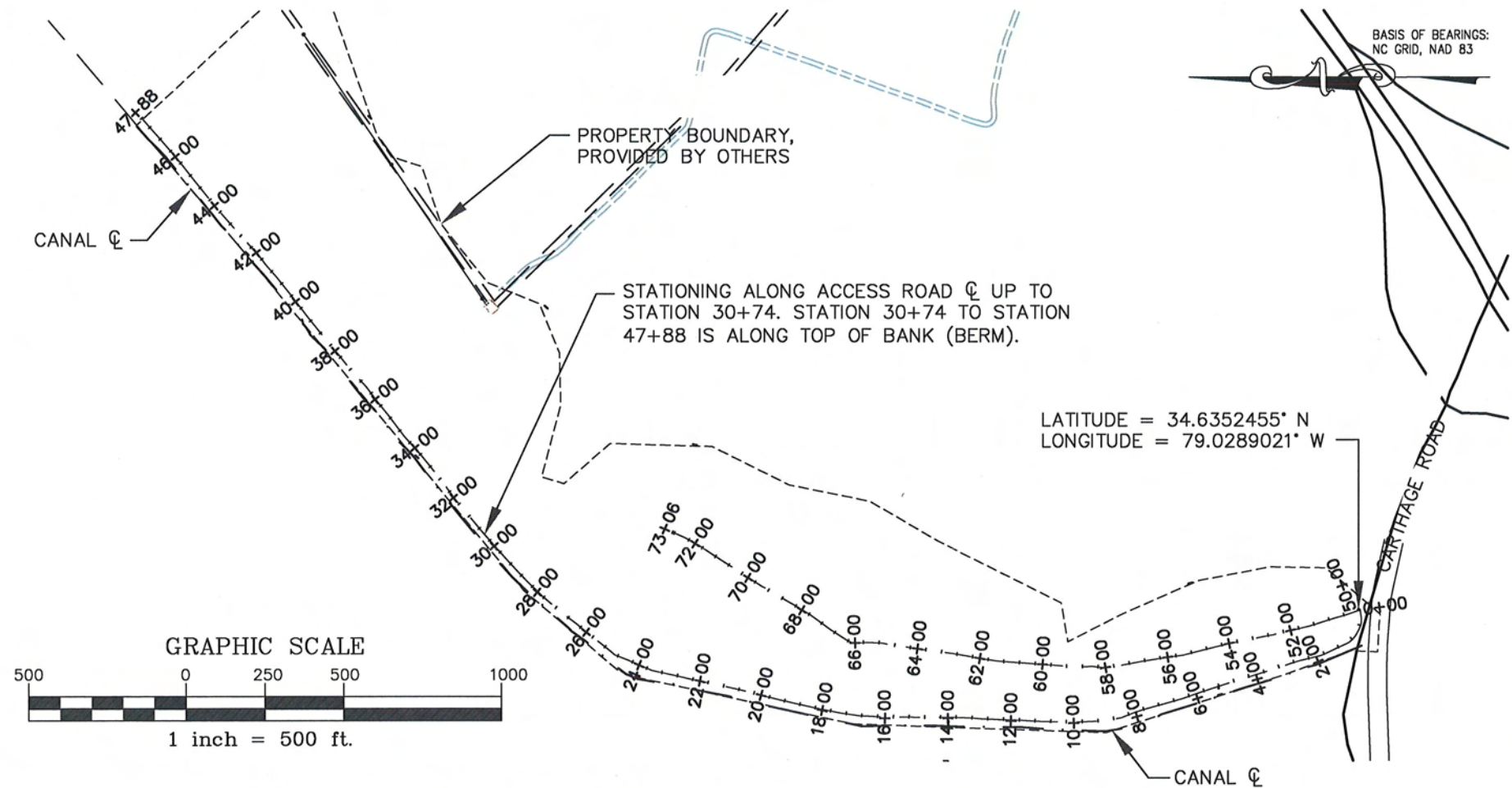
NC ECOSYSTEM ENHANCEMENT PROGRAM PROJECT

SCO# 06-06731-01

EEP ID# 92351

GENERAL NOTES

1. PREPARED FOR NC ECOSYSTEM ENHANCEMENT PROGRAM, 1652 MAIL SERVICE CENTER, RALEIGH, NC 27699-1652.
2. AS-BUILT SURVEY PROVIDED BY TURNER LAND SURVEYING, DAVID S. TURNER, LICENSE NO.: L-4551.
3. EXACT RECORDS CAN BE FOUND ON FILE WITH ECOENGINEERING UNDER JOB NUMBER EEP-06050.
4. THE TOTAL EASEMENT ACREAGE FOR THIS PROJECT IS 56.66 ACRES. EASEMENT BOUNDARY WAS PROVIDED BY OTHERS.
5. NCGS MONUMENTS HOSPITAL AND KATY WERE USED AS CONTROL FOR SURVEY DATA.
6. THE SENIOR DESIGN CONTACT FOR THIS PROJECT IS JAMES M. HALLEY, PE OF ECOENGINEERING, 919-287-4262.
7. THE EEP PROJECT MANAGERS ARE TRACY STAPLETON AND HEATHER SMITH, 919-715-5590.
8. THE EEP REVIEW COORDINATOR IS LIN XU, PE, 919-715-7571.



AS-BUILT OVERLAY SHEET INDEX:

SHEET	LEGEND
SHEET 1	LEGEND
SHEET 2	PLAN VIEW OVERLAY
SHEET 3	ROADWAY CUT PLAN VIEW
SHEET 4	ROADWAY CUT CROSS SECTIONS
SHEET 5	BERM CUT PLAN VIEW
SHEET 6	BERM CUT CROSS SECTIONS
SHEET 7	LOGGING ROAD CROSS SECTIONS
SHEET 8	LOGGING ROAD CROSS SECTIONS
SHEET 9	PLANTED AREAS







AS-BUILT SHEET INDEX:

SHEET AB-1	TITLE, VICINITY MAP, SHEET INDEX, AND GENERAL NOTES
SHEET AB-2	ROADWAY CUTS
SHEET AB-3	BERM CUTS
SHEET AB-4	REMOVED LOGGING ROAD





LEGEND

<p>116 ——— PRE-CONSTRUCTION MINOR CONTOUR</p> <p>115 ——— PRE-CONSTRUCTION MAJOR CONTOUR</p> <p>116 ——— AS-BUILT MINOR CONTOUR</p> <p>115 ——— AS-BUILT MAJOR CONTOUR</p> <p>----- CONSERVATION EASEMENT (BY OTHERS)</p> <p>————— CROSS-SECTION</p> <p>—————(S) SEWER LINE</p> <p>----- WATER ϕ</p> <p>~~~~~ TREE LINES / WOODS</p>	<p> PROPOSED PRIVET REMOVAL AREAS</p> <p> PRIVET REMOVED</p> <p> PROPOSED BERM CUT</p> <p> AS-BUILT BERM CUT</p> <p> PROPOSED ROADWAY CROSSING</p> <p> AS-BUILT ROADWAY CROSSING</p>
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PRIVET REMOVED AND STUMPS SPRAYED WITH HERBICIDE. ALL DEBRIS WAS CUT AND LEFT IN PLACE. (SOLID AND HATCH)

PROPOSED PRIVET TREATMENT AREAS. (HATCHED AREAS)

NATURAL SWALE, ON LEFT BANK INV. = 113.9

CUT IN BERM FOR OVERFLOW (TYP.) SEE SHEET 4 FOR ELEVATIONS.

ALL FOUR (4) BERMS CUTS HAVE BEEN COMPLETED.

ROADWAY CUT FOR FLOOD WATER ENTRY. BOTTOM ELEVATIONS OF ALL CROSSINGS SET AT THE EXISTING ELEVATION OF THE ADJACENT WETLANDS. SEE SHEET 3 FOR ELEVATIONS.

ALL FIVE (5) ROADWAY CUTS HAVE BEEN COMPLETED.

2-18" CPP, REMOVED

2-18" CPP, REMOVED







18" CPP, REMOVED

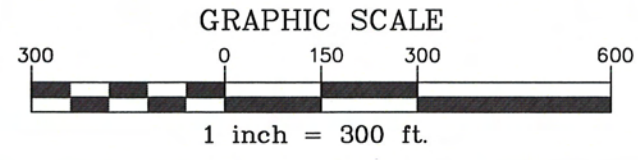
15" CPP, REMOVED

15" CPP, REMOVED

15" CPP, REMOVED

NOTE: ADDITIONAL PRIVET REMOVED AT THE DESCRETION OF NATIVES, INC. WITHOUT INCURRING ADDITIONAL COSTS.

-  PROPOSED PRIVET REMOVAL AREAS
-  PRIVET REMOVED
-  PROPOSED BERM CUT
-  AS-BUILT BERM CUT
-  PROPOSED ROADWAY CROSSING
-  AS-BUILT ROADWAY CROSSING



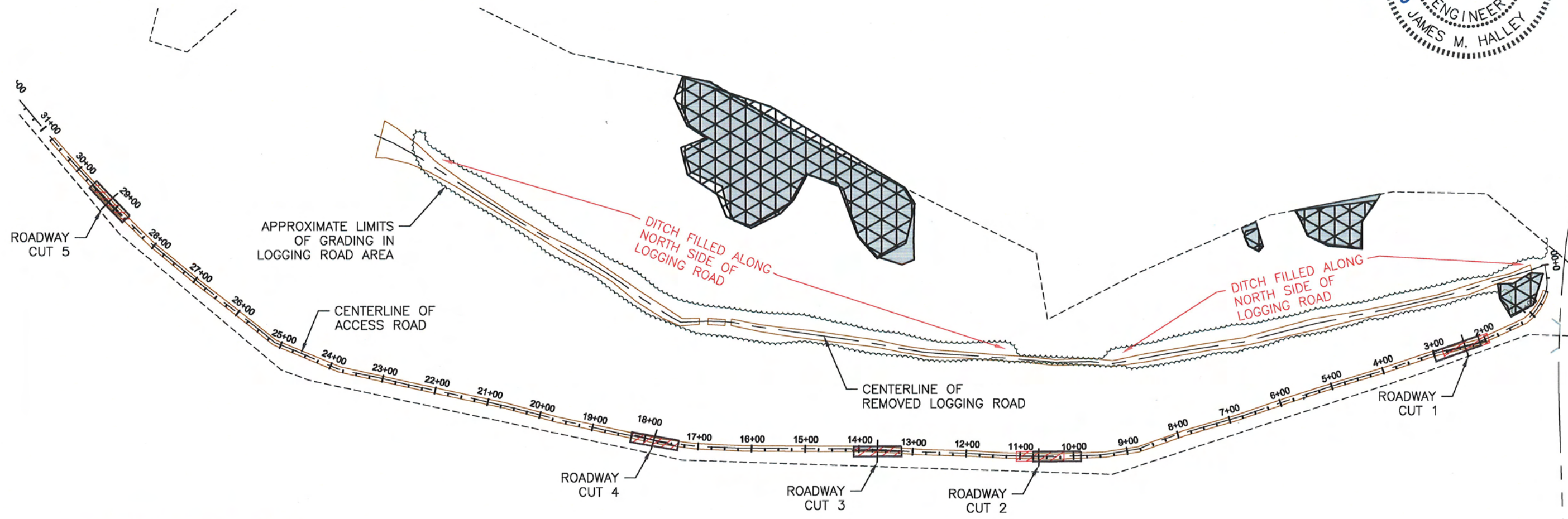
BASIS OF BEARINGS:
NC GRID, NAD 83

SHEET 2

FINAL AS-BUILT RECORD DRAWING
MEADOWBRANCH SWAMP WETLAND RESTORATION PROJECT
PLAN VIEW OVERLAY

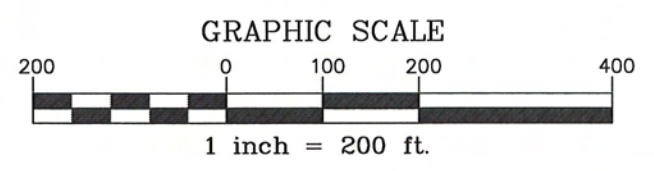
PROJECT NO. EEP-06050
FILENAME: EEP-06050 OVERLAYS
SCALE: 1" = 300'
DATE: 08-22-2011

McADAMS



NOTE: THE DOWNSTREAM SIDE OF EACH ROADWAY CUT AND EACH BERM CUT WAS ARMORED WITH LANDLOK 300 EROSION CONTROL FABRIC.

BASIS OF BEARINGS:
NC GRID, NAD 83



SHEET 3

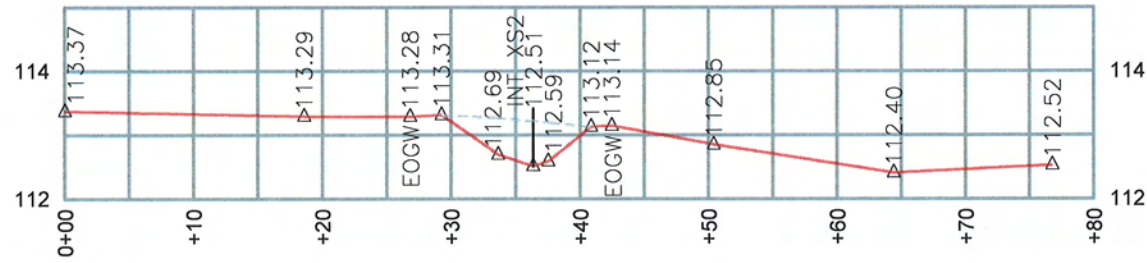
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RESEARCH TRIANGLE PARK • CHARLOTTE
2805 Meridian Parkway, Durham, NC 27713
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FINAL AS-BUILT RECORD DRAWING
MEADOWBRANCH SWAMP WETLAND RESTORATION PROJECT
ROADWAY CUT PLAN VIEW

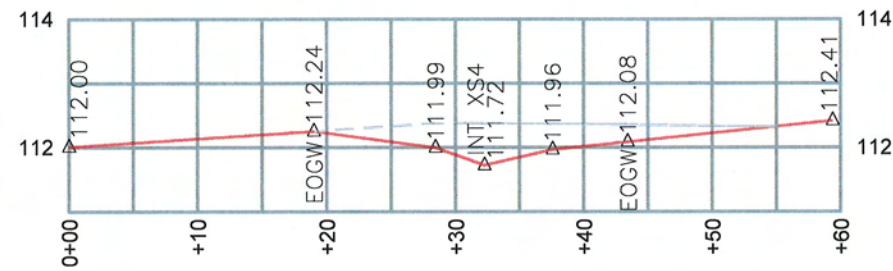
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FILENAME: EEP-06050 OVERLAYS
SCALE: 1" = 200'
DATE: 08-22-2011
McADAMS



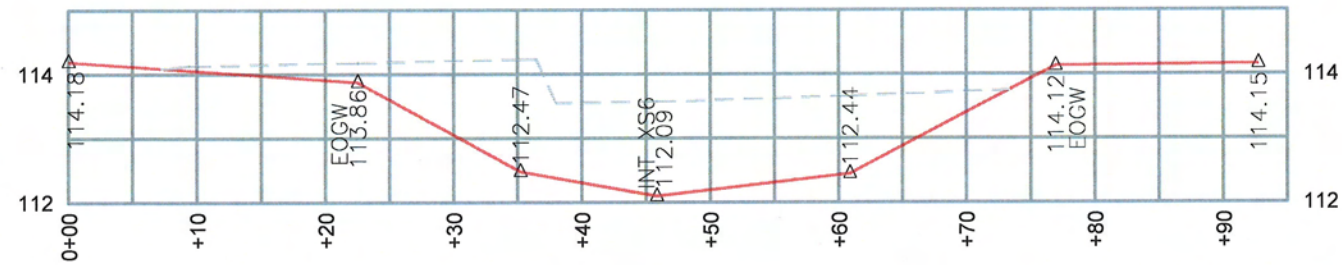
ROADWAY CUT 1



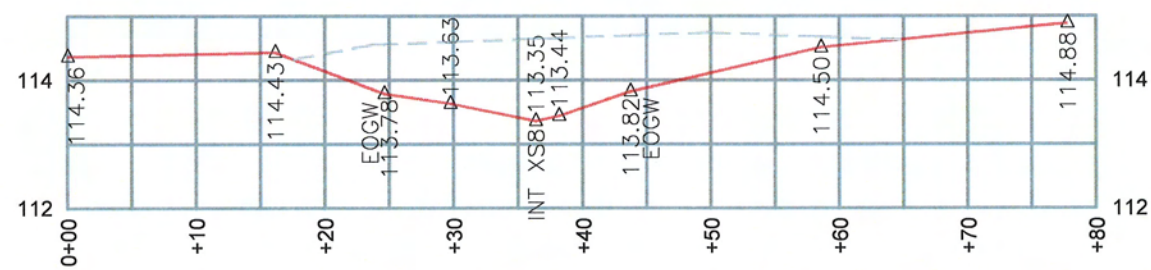
ROADWAY CUT 2



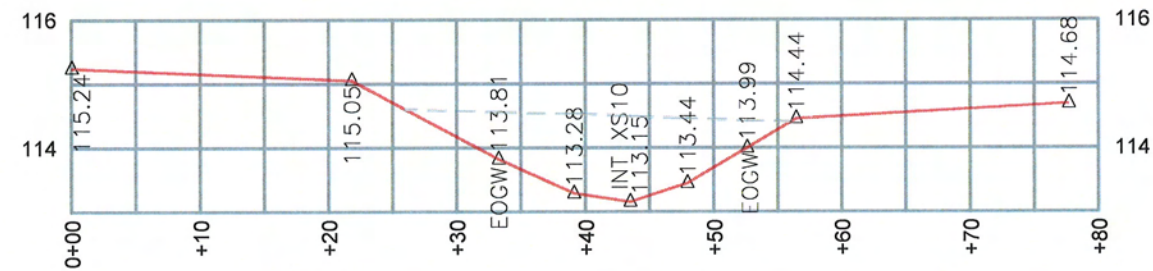
ROADWAY CUT 3



ROADWAY CUT 4



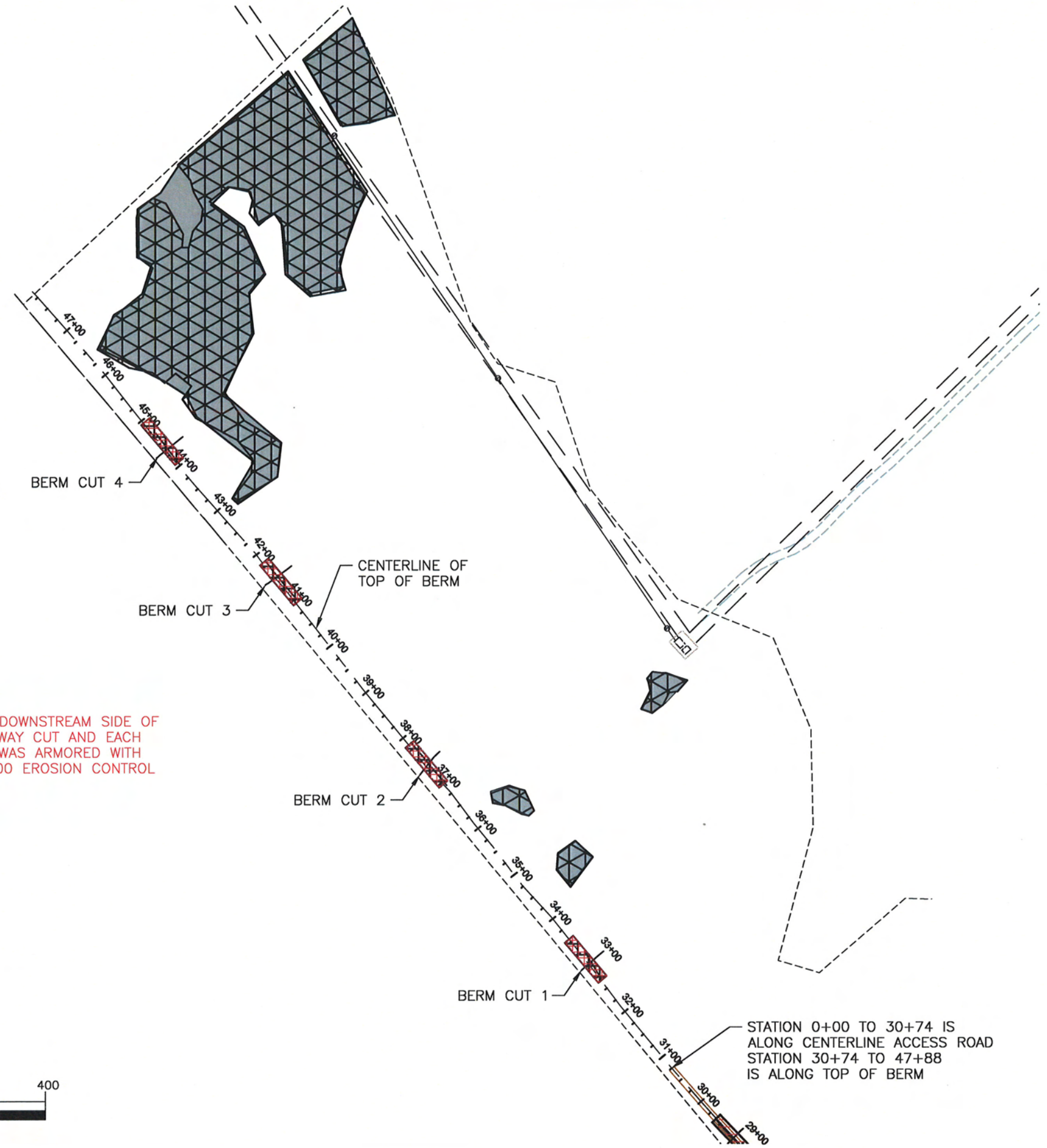
ROADWAY CUT 5



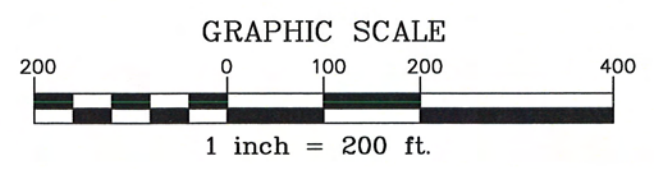
CROSS SECTION SCALE
 HORIZONTAL: 1"=15'
 VERTICAL: 1"=3'

EOM—EDGE OF MATTING
 BB—BOTTOM OF BANK
 TB—TOP OF BANK
 INT—INTERSECTION

- AS-BUILT GROUND SURFACE
- - - APPROXIMATE PRE-CONSTRUCTION GROUND SURFACE



NOTE: THE DOWNSTREAM SIDE OF EACH ROADWAY CUT AND EACH BERM CUT WAS ARMORED WITH LANDLOK 300 EROSION CONTROL FABRIC.

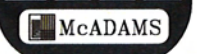


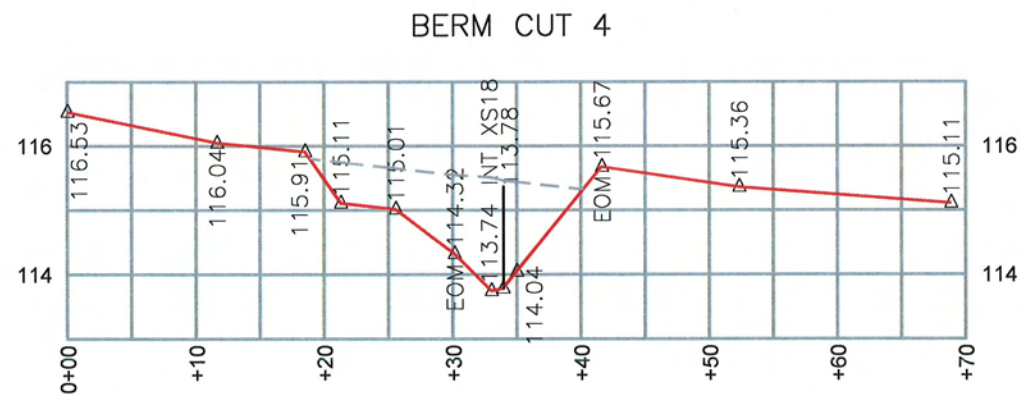
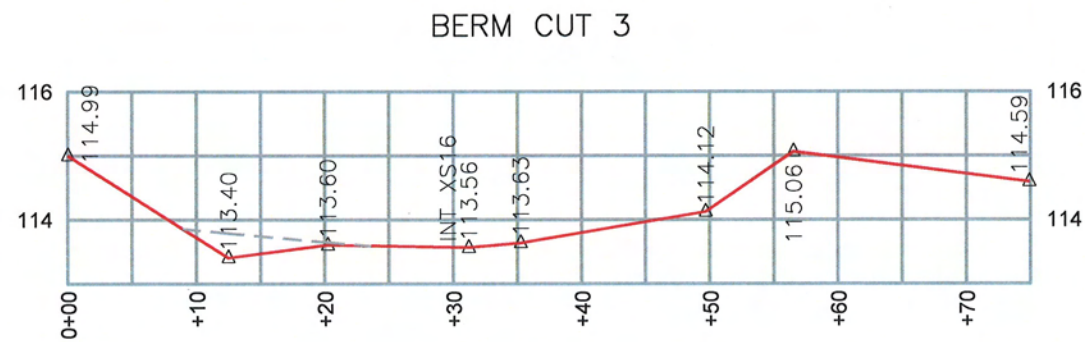
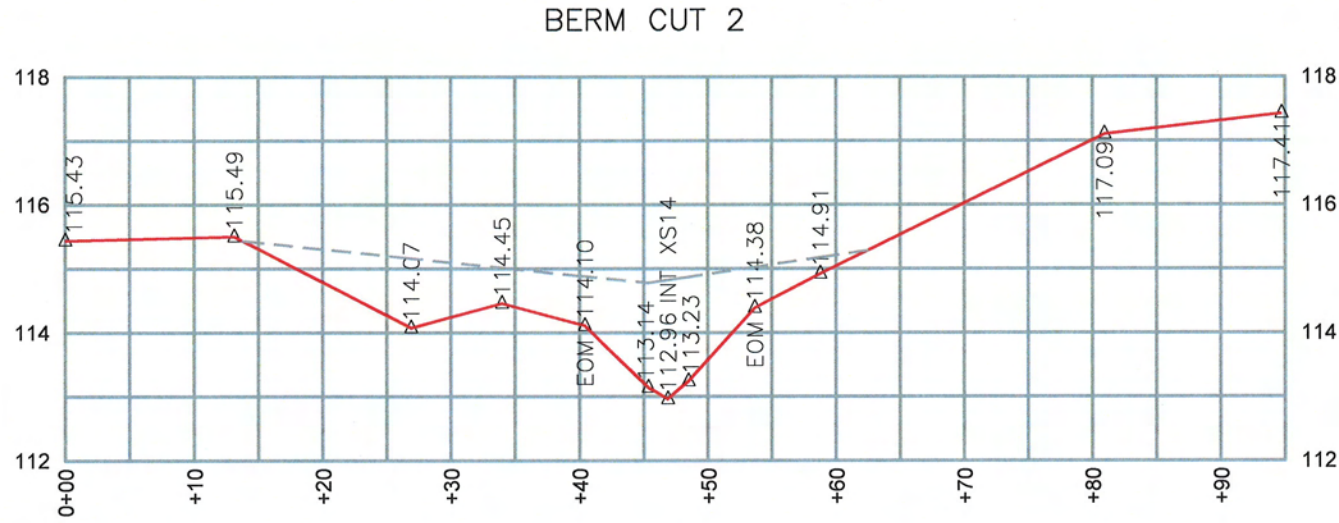
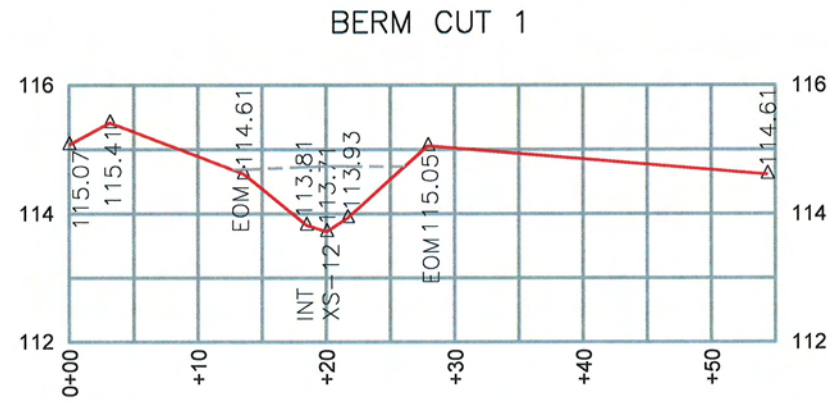
STATION 0+00 TO 30+74 IS ALONG CENTERLINE ACCESS ROAD
STATION 30+74 TO 47+88 IS ALONG TOP OF BERM

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FINAL AS-BUILT RECORD DRAWING
MEADOWBRANCH SWAMP WETLAND RESTORATION PROJECT
BERM CUT PLAN VIEW

PROJECT NO. EEP-06050
FILENAME: EEP-06050 OVERLAYS
SCALE: 1" = 200'
DATE: 08-22-2011





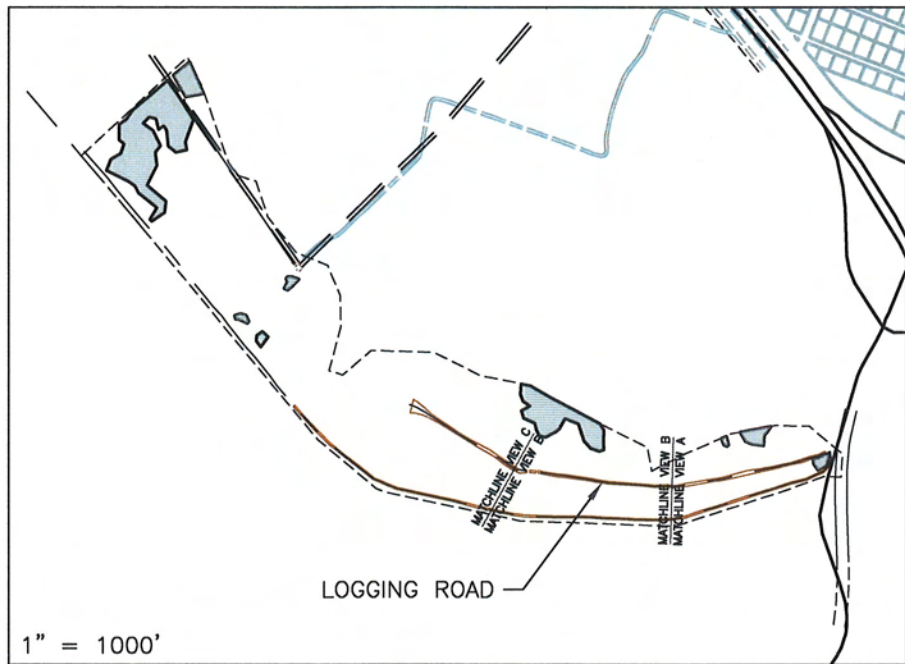
CROSS SECTION SCALE
 HORIZONTAL: 1"=15'
 VERTICAL: 1"=3'

EOM—EDGE OF MATTING
 BB—BOTTOM OF BANK
 TB—TOP OF BANK
 INT—INTERSECTION

— AS-BUILT GROUND SURFACE
 - - - APPROXIMATE PRE-CONSTRUCTION GROUND SURFACE



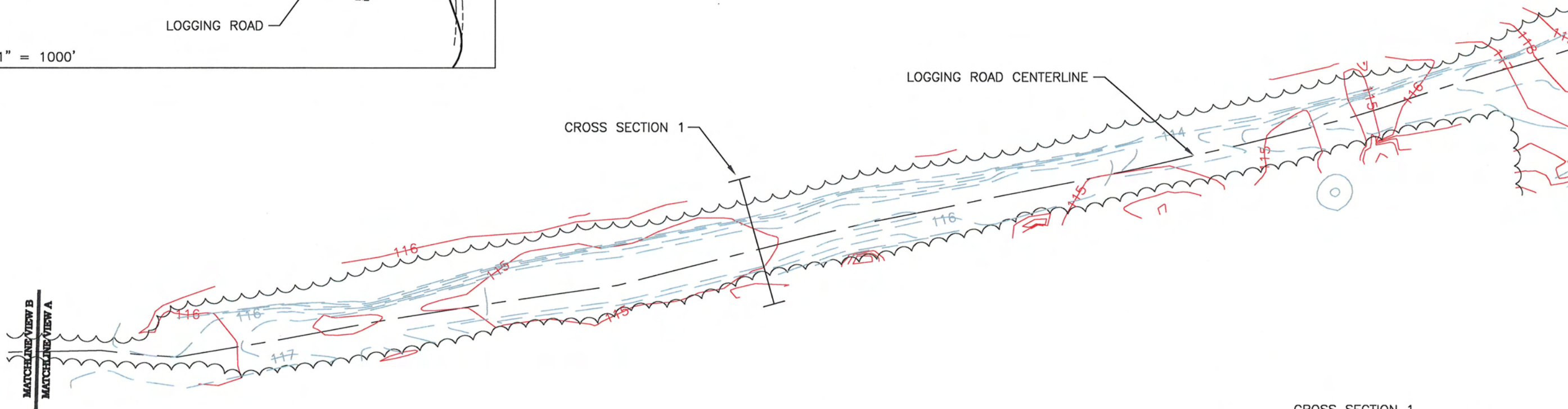
SITE MAP



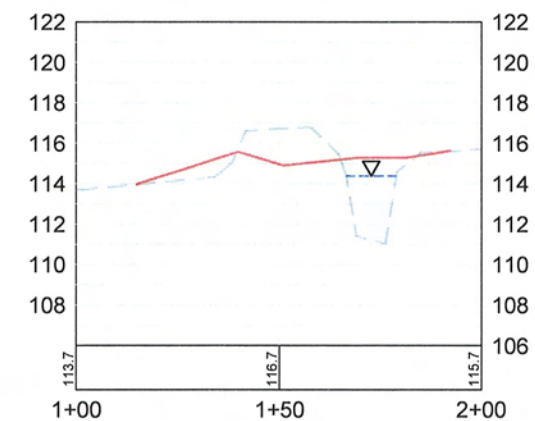
1" = 1000'

CROSS SECTION 1

LOGGING ROAD CENTERLINE



CROSS SECTION 1



NOTE: CROSS SECTIONS ARE DEPICTED FROM LEFT TO RIGHT LOOKING UPSTREAM (NORTH).

- AS-BUILT GROUND SURFACE
- - - APPROXIMATE PRE-CONSTRUCTION GROUND SURFACE



NOTE: THE DESIGN ELEVATION OF THE FORMER LOGGING ROAD WAS BASED ON PRELIMINARY SURVEY DATA. CONSTRUCTION SPECIFICATIONS FOR THE PROJECT STATED A TARGET ELEVATION OF 114.5 +/- 0.5 FEET. ANY LOCATIONS THAT DEVIATE FROM THIS ELEVATION RANGE HAVE BEEN APPROVED AND WERE NECESSARY TO PROPERLY GRADE THIS SITE.

GRAPHIC SCALE

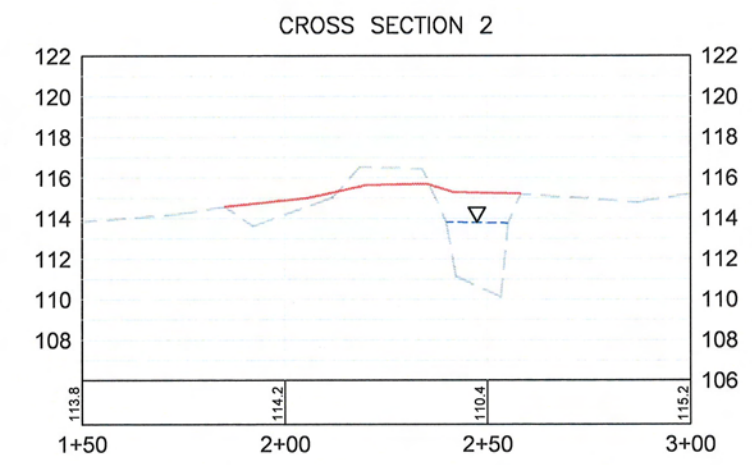
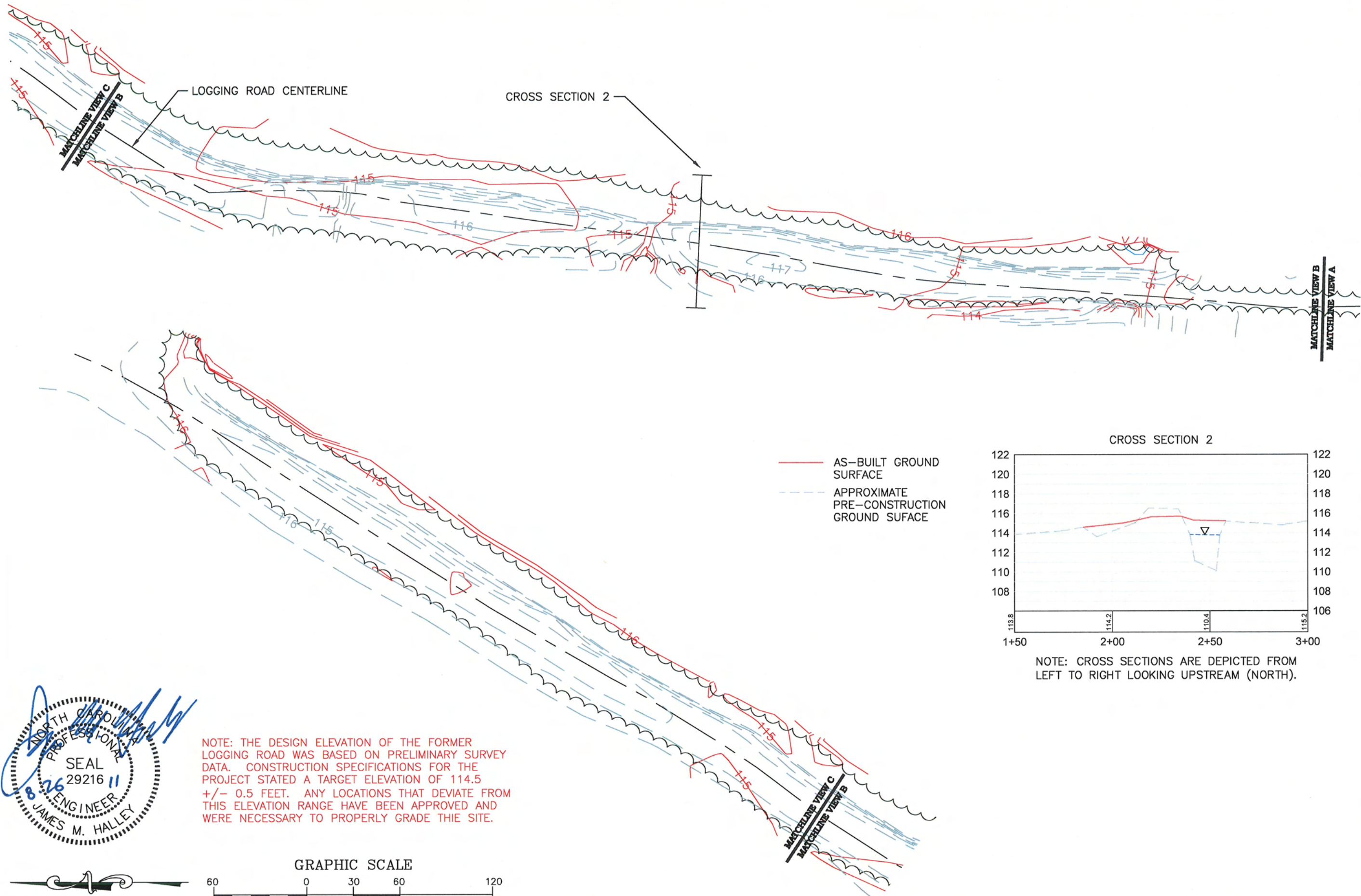


1 inch = 60 ft.

BASIS OF BEARINGS:
NC GRID, NAD 83

FINAL AS-BUILT RECORD DRAWING
MEADOWBRANCH SWAMP WETLAND RESTORATION PROJECT
LOGGING ROAD CROSS SECTIONS

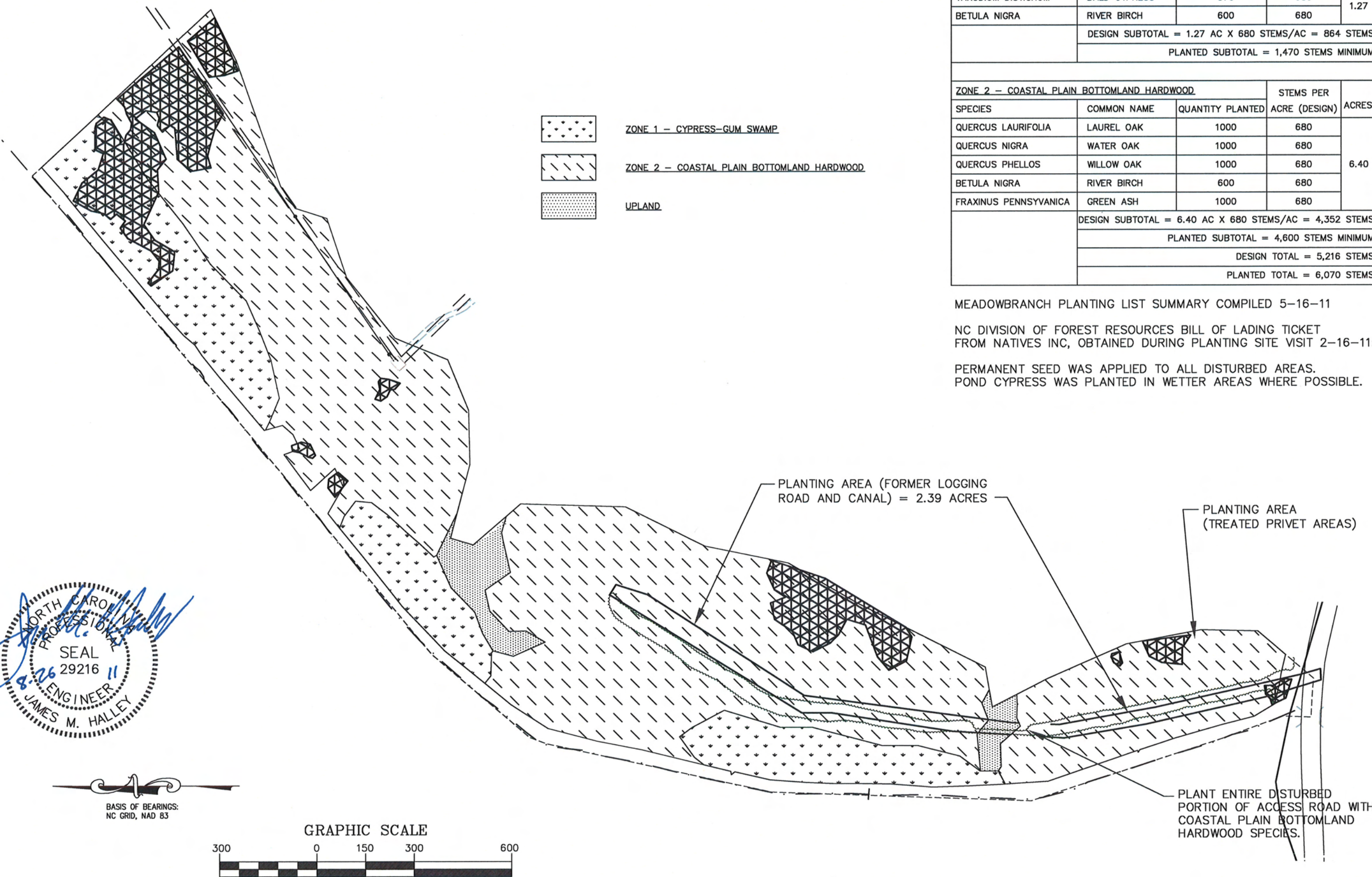
PROJECT NO. EEP-06050
FILENAME: EEP-06050 OVERLAYS
SCALE: 1" = 60'
DATE: 08-22-2011

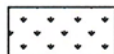
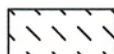



NOTE: THE DESIGN ELEVATION OF THE FORMER LOGGING ROAD WAS BASED ON PRELIMINARY SURVEY DATA. CONSTRUCTION SPECIFICATIONS FOR THE PROJECT STATED A TARGET ELEVATION OF 114.5 +/- 0.5 FEET. ANY LOCATIONS THAT DEVIATE FROM THIS ELEVATION RANGE HAVE BEEN APPROVED AND WERE NECESSARY TO PROPERLY GRADE THIS SITE.



FINAL AS-BUILT RECORD DRAWING
MEADOWBRANCH SWAMP WETLAND RESTORATION PROJECT
LOGGING ROAD CROSS SECTIONS

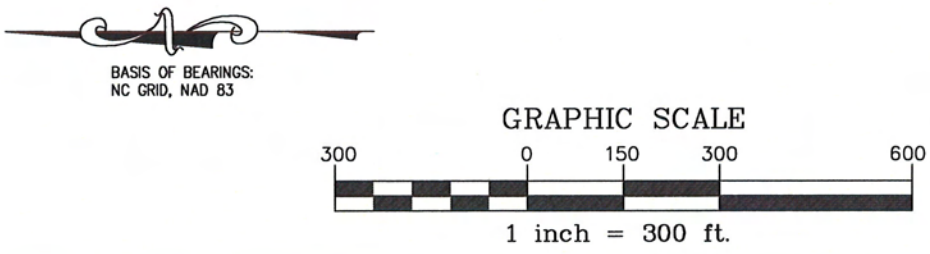


 ZONE 1 - CYPRESS-GUM SWAMP
 ZONE 2 - COASTAL PLAIN BOTTOMLAND HARDWOOD
 UPLAND

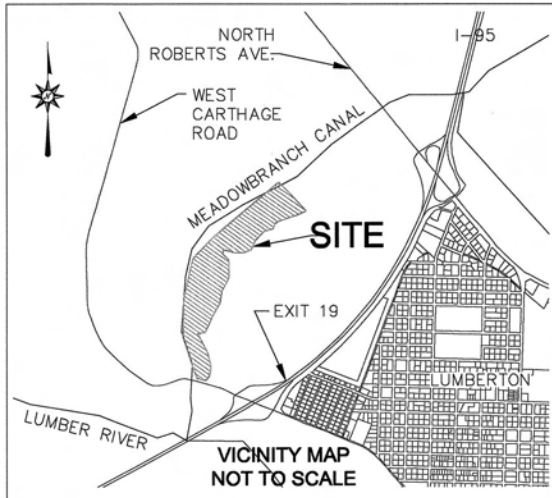
ZONE 1 - CYPRESS-GUM SWAMP			STEMS PER	ACRES
SPECIES	COMMON NAME	QUANTITY PLANTED	ACRE (DESIGN)	
TAXODIUM DISTICHUM	BALD CYPRESS	870	680	1.27
BETULA NIGRA	RIVER BIRCH	600	680	
DESIGN SUBTOTAL = 1.27 AC X 680 STEMS/AC = 864 STEMS				
PLANTED SUBTOTAL = 1,470 STEMS MINIMUM				

ZONE 2 - COASTAL PLAIN BOTTOMLAND HARDWOOD			STEMS PER	ACRES
SPECIES	COMMON NAME	QUANTITY PLANTED	ACRE (DESIGN)	
QUERCUS LAURIFOLIA	LAUREL OAK	1000	680	6.40
QUERCUS NIGRA	WATER OAK	1000	680	
QUERCUS PHELLOS	WILLOW OAK	1000	680	
BETULA NIGRA	RIVER BIRCH	600	680	
FRAXINUS PENNSYVANICA	GREEN ASH	1000	680	
DESIGN SUBTOTAL = 6.40 AC X 680 STEMS/AC = 4,352 STEMS				
PLANTED SUBTOTAL = 4,600 STEMS MINIMUM				
DESIGN TOTAL = 5,216 STEMS				
PLANTED TOTAL = 6,070 STEMS				

MEADOWBRANCH PLANTING LIST SUMMARY COMPILED 5-16-11
 NC DIVISION OF FOREST RESOURCES BILL OF LADING TICKET
 FROM NATIVES INC, OBTAINED DURING PLANTING SITE VISIT 2-16-11:
 PERMANENT SEED WAS APPLIED TO ALL DISTURBED AREAS.
 POND CYPRESS WAS PLANTED IN WETTER AREAS WHERE POSSIBLE.



AS-BUILT SURVEY OF MEADOWBRANCH SWAMP WETLAND RESTORATION SCO# 06-06731-01 ROBESON COUNTY



REFERENCES:

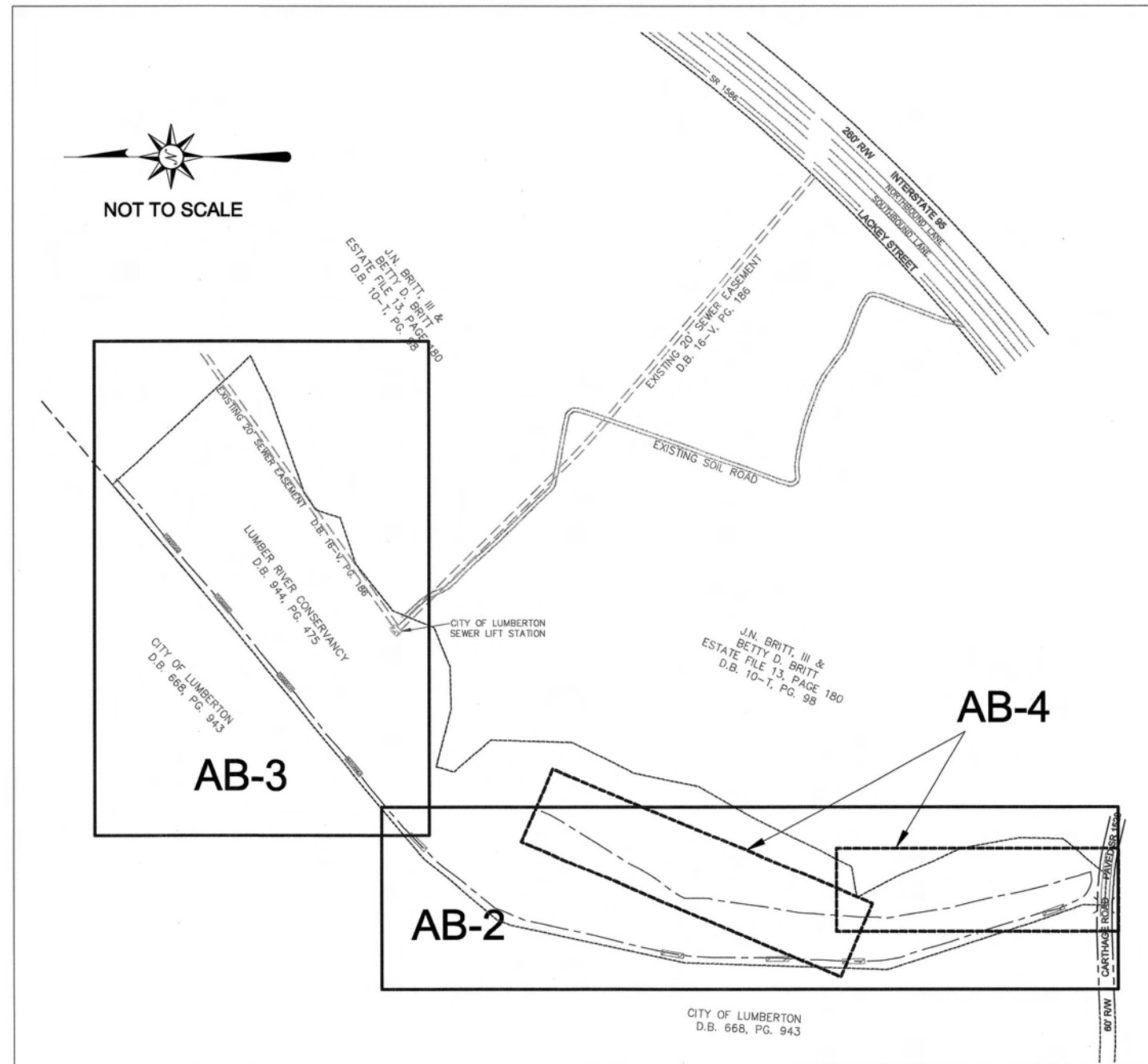
OWNER:
NORTH CAROLINA ECOSYSTEM
ENHANCEMENT PROGRAM
1652 MAIL SERVICE CENTER
RALEIGH, NC 27099-1652
(919)715-0476
EEP PROJ. MGR.: TRACY MORRIS
EEP REVIEW COORDINATOR: LIN XU

CONTRACTOR:
ENVIRONMENTAL QUALITY RESOURCES, LLC
ARBUTUS, MD
(443)304-3310

DESIGNER:
ECO ENGINEERING
A DIVISION OF THE JOHN R. McADAMS
COMPANY, INC.
RESEARCH TRIANGLE PARK, NC
(919)361-5000

I, DAVID S. TURNER, AS A DULY REGISTERED PROFESSIONAL LAND SURVEYOR IN THE STATE OF NORTH CAROLINA, HEREBY CERTIFY THAT THE DATA SHOWN ON THIS DRAWING, WAS OBTAINED UNDER MY SUPERVISION, IS AN ACCURATE AND COMPLETE REPRESENTATION OF WHAT WAS CONSTRUCTED IN THE FIELD, AND THAT THE PHYSICAL DIMENSIONS OR ELEVATIONS SHOWN THUS ARE AS-BUILT CONDITIONS EXCEPT WHERE OTHERWISE NOTED HEREON. WITNESS MY ORIGINAL SIGNATURE, REGISTRATION NUMBER, AND SEAL THIS 5th DAY OF JULY, 2011.

David S. Turner
DAVID S. TURNER, P.L.S. #L-4551



SHEET INDEX

- SHEET AB-1 - TITLE, VICINITY MAP, SHEET INDEX, AND GENERAL NOTES
- SHEET AB-2 - ROADWAY CUTS
- SHEET AB-3 - BERM CUTS
- SHEET AB-4 - REMOVED LOGGING ROAD

GENERAL NOTES

1. ALL DISTANCES ARE HORIZONTAL UNLESS OTHERWISE NOTED.
2. THE VERTICAL DATUM IS NGVD29.
3. THE BASIS OF BEARINGS IS NCGS STATE PLANE GRID COORDINATES NAD83 DATUM BASED ON NCGS MONUMENTS "HOSPITAL" AND "KATY" AS PROVIDED BY DESIGNER.
4. CONTROL RECOVERED PRIOR TO CONSTRUCTION AND VERIFIED DURING AS-BUILT SURVEY.
5. THIS MAP IS NOT FOR RECORDATION, SALES, OR CONVEYANCES AND DOES NOT COMPLY WITH G.S. 47-30 MAPPING REQUIREMENTS.
6. PRIVET REMOVAL AREAS LOCATED USING SUB-METER GPS. GPS UNIT USED WAS A TRIMBLE GEOXT AND DATA WAS PROCESSED USING TRIMBLE PATHFINDER.

REVISIONS, DATE AND INITIAL:

TURNER LAND SURVEYING, PLLC
3201 Glenridge Drive, Raleigh, NC 27604 - (919)875-1378
P-0702 - Lturner921@nc.rr.com - Dturner119@nc.rr.com
www.TURNERLANDSURVEYING.com



TITLE

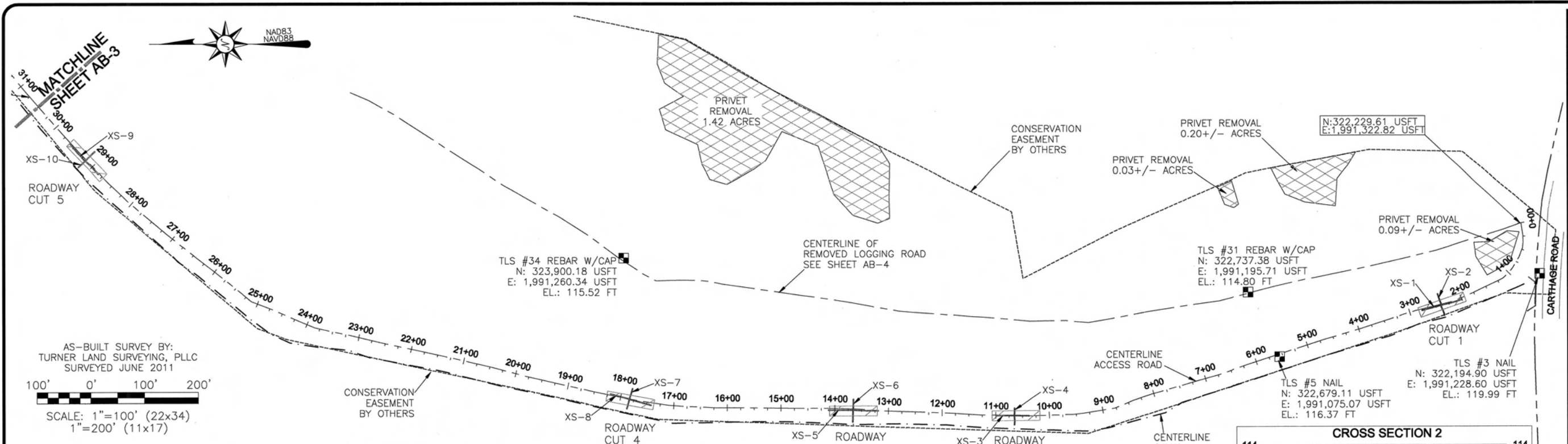
AS-BUILT SURVEY OF
MEADOWBRANCH SWAMP
WETLAND RESTORATION
SCO# 06-06731-01

NORTH CAROLINA

ROBESON COUNTY

DATE:	6/10/2011
SURVEYED BY:	DST/EGT
DRAWN BY:	DST/EGT
REVIEWED BY:	DST/EGT
PROJECT:	TLS-10-012
FILE:	MEADOWBRANCH_92351_AB_TLS_F
SCALE:	AS SHOWN

SHEET
AB-1



AS-BUILT SURVEY BY:
TURNER LAND SURVEYING, PLLC
SURVEYED JUNE 2011

SCALE: 1"=100' (22x34)
1"=200' (11x17)

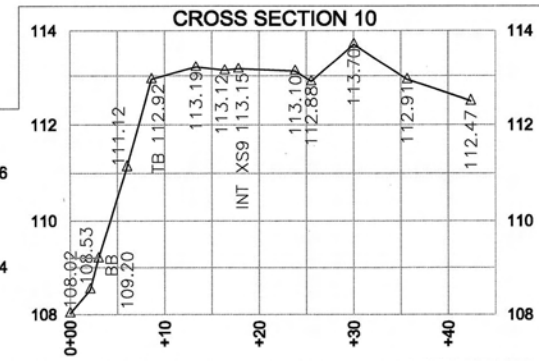
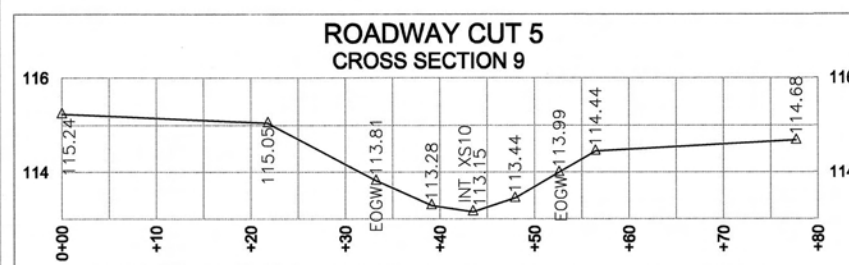
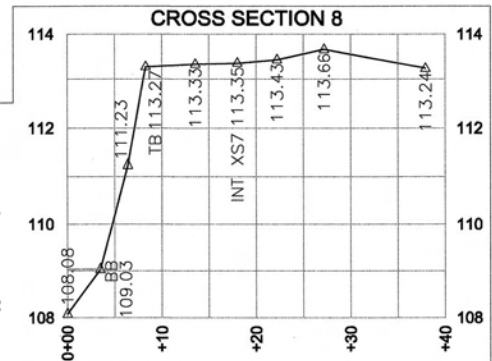
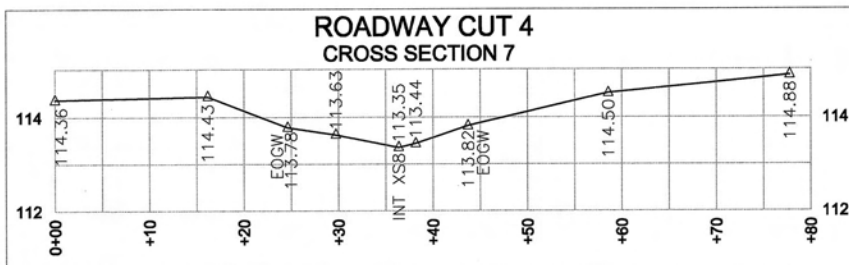
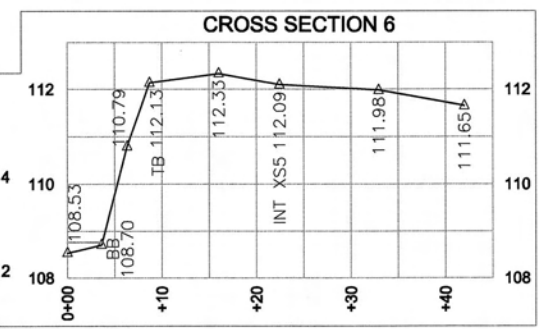
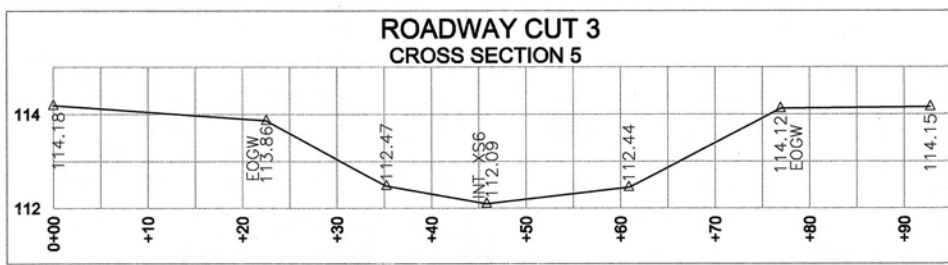
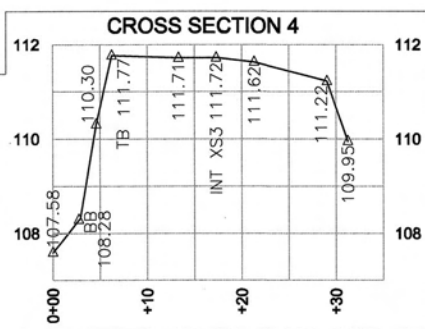
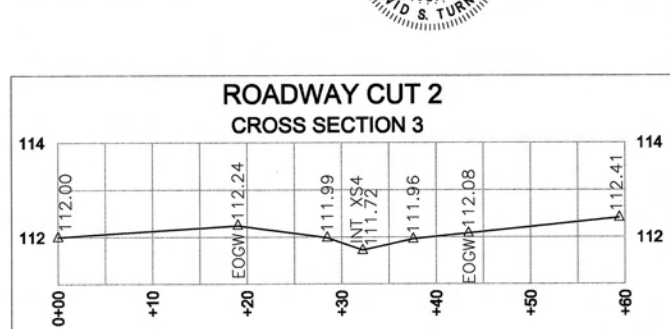
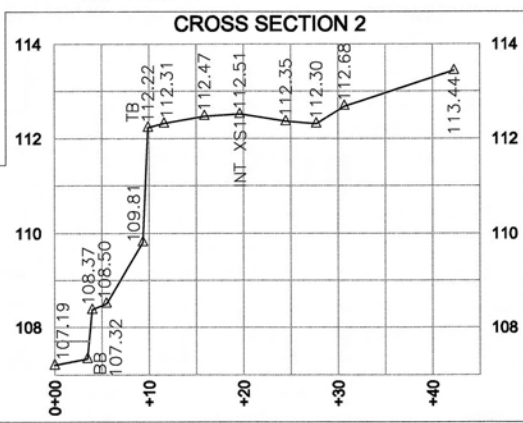
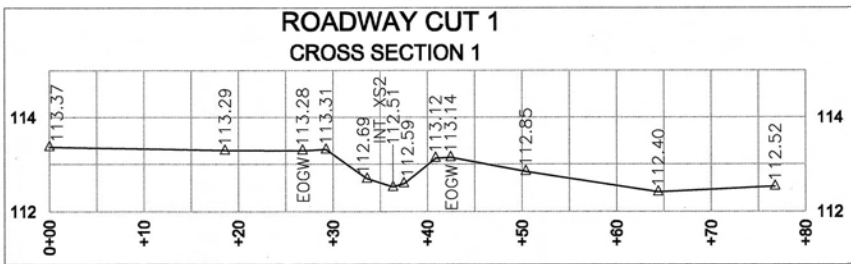
- GENERAL NOTES**
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 3. THE BASIS OF BEARINGS IS NCGS STATE PLANE GRID COORDINATES NAD83 DATUM BASED ON NCGS MONUMENTS "HOSPITAL" AND "KATY" AS PROVIDED BY DESIGNER.
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CROSS SECTION SCALE
HORIZONTAL: 1"=10' (22x34)
1"=20' (11x17)
VERTICAL: 1"=2' (22x34)
1"=4' (11x17)

EOGW-EDGE OF GEOWEB
BB-BOTTOM OF BANK
TB-TOP OF BANK
INT-INTERSECTION

I, DAVID S. TURNER, AS A DULY REGISTERED PROFESSIONAL LAND SURVEYOR IN THE STATE OF NORTH CAROLINA, HEREBY CERTIFY THAT THE DATA SHOWN ON THIS DRAWING, WAS OBTAINED UNDER MY SUPERVISION, IS AN ACCURATE AND COMPLETE REPRESENTATION OF WHAT WAS CONSTRUCTED IN THE FIELD, AND THAT THE PHYSICAL DIMENSIONS OR ELEVATIONS SHOWN THUS ARE AS-BUILT CONDITIONS EXCEPT WHERE OTHERWISE NOTED HEREON. WITNESS MY ORIGINAL SIGNATURE, REGISTRATION NUMBER, AND SEAL THIS 5th DAY OF JULY, 2011.

David S. Turner
DAVID S. TURNER, P.L.S. #L-4551



REVISIONS, DATE AND INITIAL:

TURNER LAND SURVEYING, PLLC
3201 Glenridge Drive, Raleigh, NC 27604 - (919)875-1378
P-0702 - Ltumer921@nc.rr.com - DTurner19@nc.rr.com
WWW.TURNERLANDSURVEYING.COM

ROADWAY CUTS
AS-BUILT SURVEY OF
MEADOWBRANCH SWAMP
WETLAND RESTORATION
SCO# 06-06731-01

DATE: 6/10/2011
SURVEYED BY: DST/EGT
DRAWN BY: DST/EGT
REVIEWED BY: DST/EGT
PROJECT: TLS-10-012
FILE: MEADOWBRANCH_92351_AB_TLS_F
SCALE: AS SHOWN

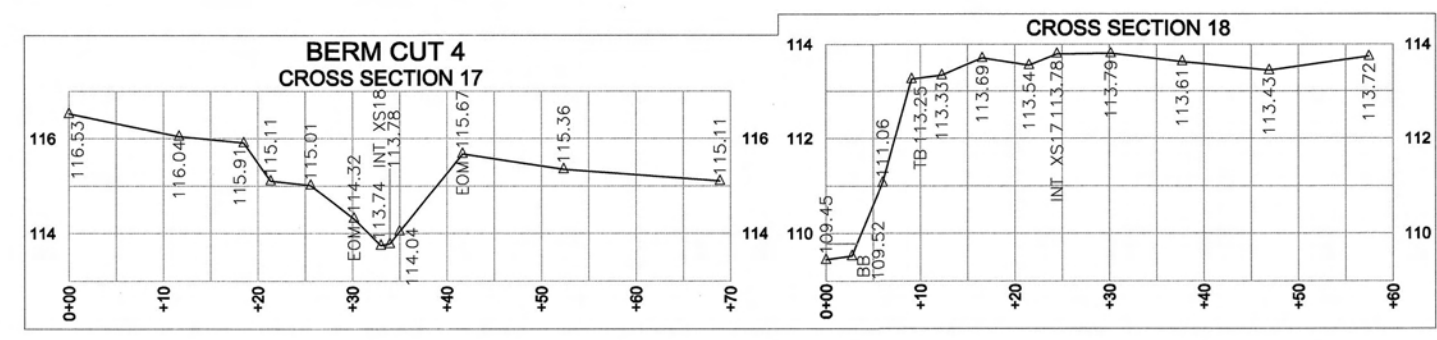
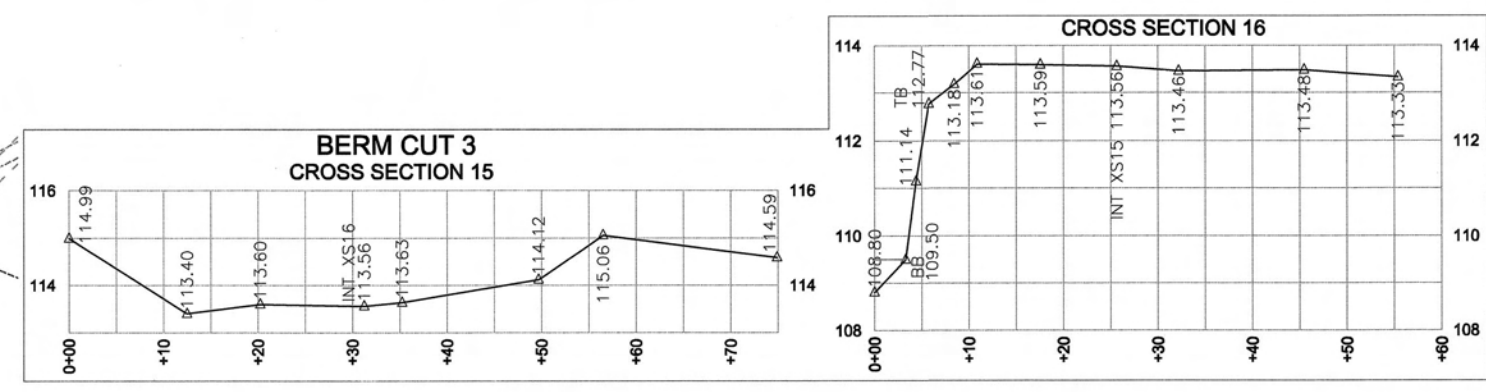
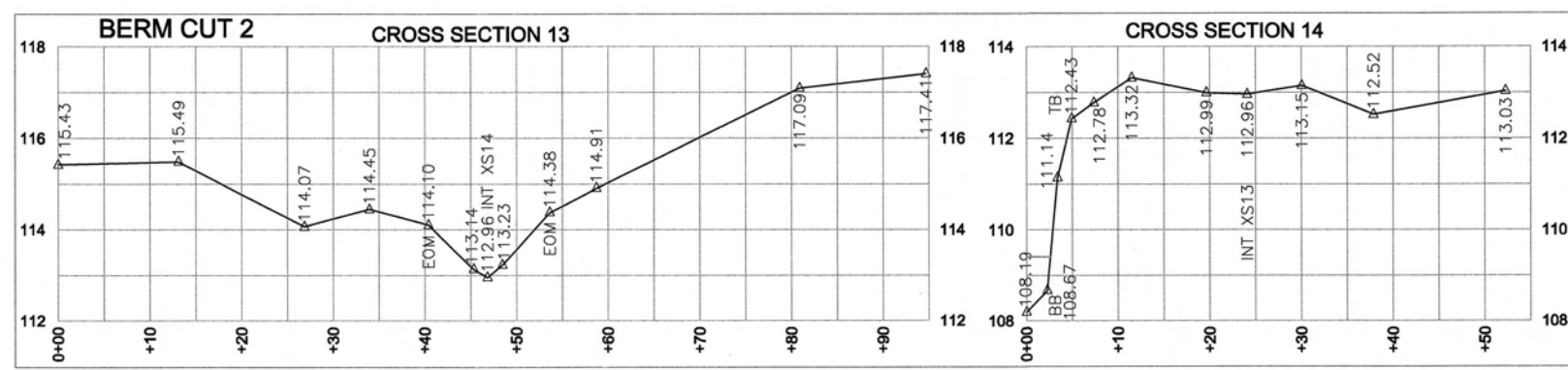
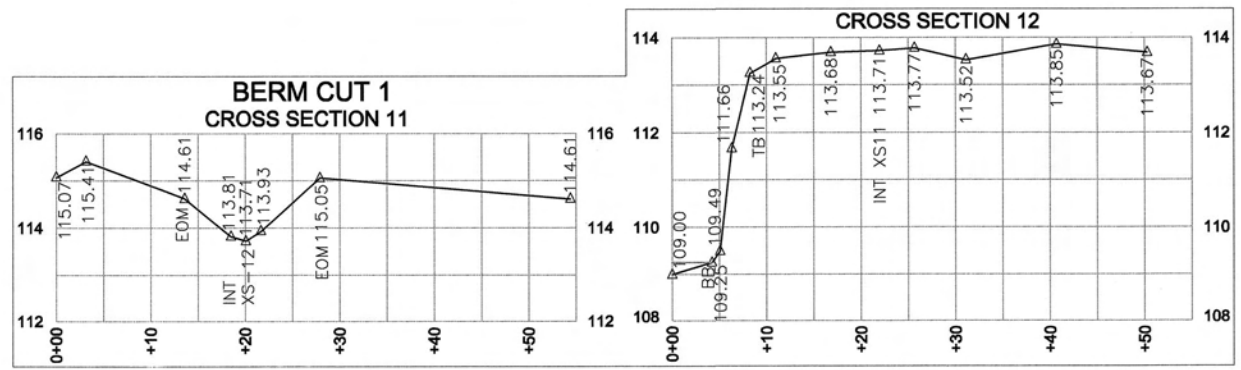
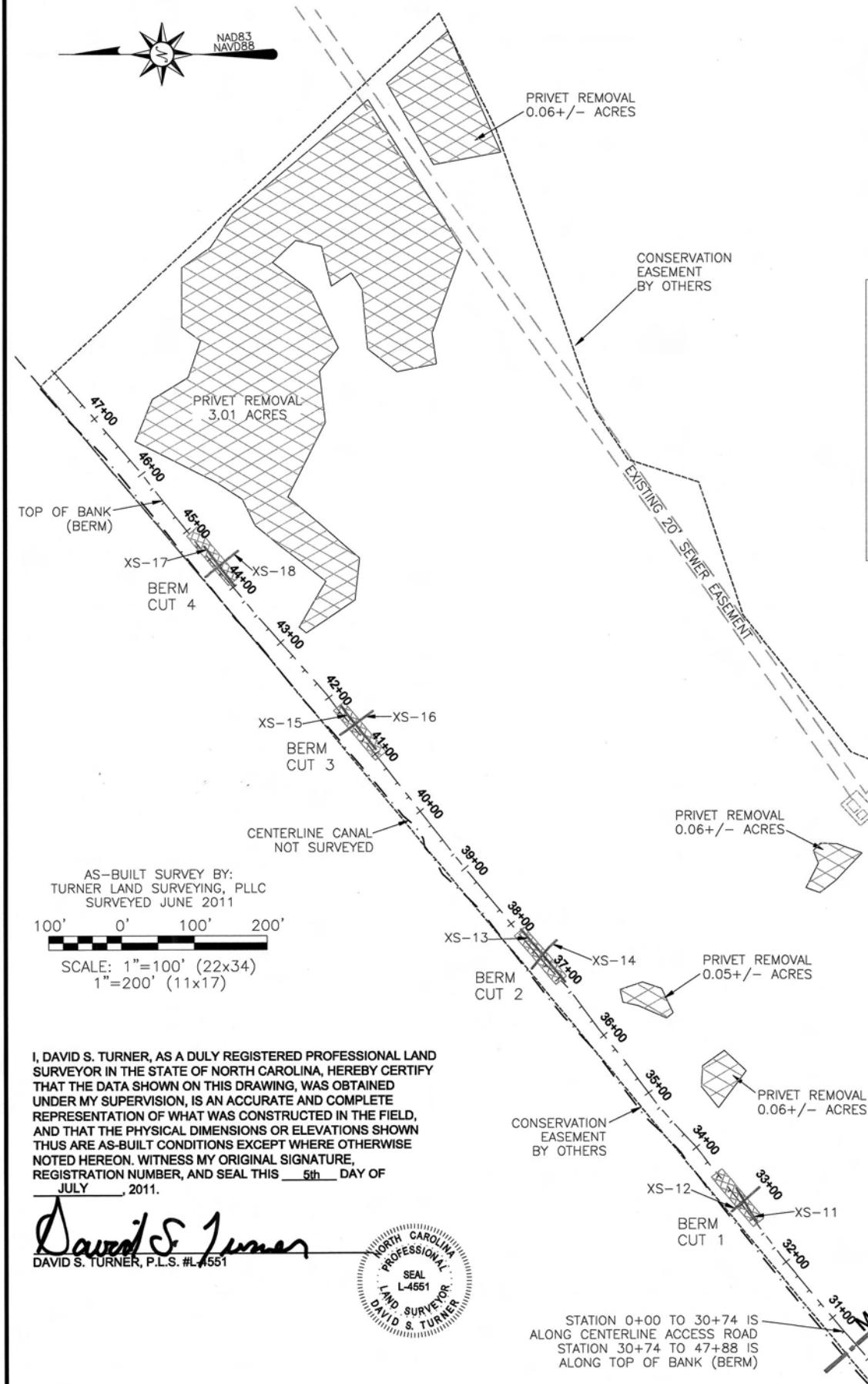
SHEET
AB-2

NORTH CAROLINA
ROBESON COUNTY



CROSS SECTION SCALE
 HORIZONTAL: 1"=10' (22x34)
 1"=20' (11x17)
 VERTICAL: 1"=2' (22x34)
 1"=4' (11x17)

EOM-EDGE OF MATTING
BB-BOTTOM OF BANK
TB-TOP OF BANK
INT-INTERSECTION



AS-BUILT SURVEY BY:
 TURNER LAND SURVEYING, PLLC
 SURVEYED JUNE 2011

100' 0' 100' 200'

SCALE: 1"=100' (22x34)
 1"=200' (11x17)

I, DAVID S. TURNER, AS A DULY REGISTERED PROFESSIONAL LAND SURVEYOR IN THE STATE OF NORTH CAROLINA, HEREBY CERTIFY THAT THE DATA SHOWN ON THIS DRAWING, WAS OBTAINED UNDER MY SUPERVISION, IS AN ACCURATE AND COMPLETE REPRESENTATION OF WHAT WAS CONSTRUCTED IN THE FIELD, AND THAT THE PHYSICAL DIMENSIONS OR ELEVATIONS SHOWN THUS ARE AS-BUILT CONDITIONS EXCEPT WHERE OTHERWISE NOTED HEREON. WITNESS MY ORIGINAL SIGNATURE, REGISTRATION NUMBER, AND SEAL THIS 5th DAY OF JULY, 2011.

David S. Turner
 DAVID S. TURNER, P.L.S. #L-4551

STATION 0+00 TO 30+74 IS ALONG CENTERLINE ACCESS ROAD
 STATION 30+74 TO 47+88 IS ALONG TOP OF BANK (BERM)

MATCHLINE
SHEET AB-2

- GENERAL NOTES**
1. ALL DISTANCES ARE HORIZONTAL UNLESS OTHERWISE NOTED.
 2. THE VERTICAL DATUM IS NAVD83.
 3. THE BASIS OF BEARINGS IS NCGS STATE PLANE GRID COORDINATES NAD83 DATUM BASED ON NCGS MONUMENTS "HOSPITAL" AND "KATY" AS PROVIDED BY DESIGNER.
 4. CONTROL RECOVERED PRIOR TO CONSTRUCTION AND VERIFIED DURING AS-BUILT SURVEY.
 5. THIS MAP IS NOT FOR RECORDATION, SALES, OR CONVEYANCES AND DOES NOT COMPLY WITH G.S. 47-30 MAPPING REQUIREMENTS.
 6. PRIVET REMOVAL AREAS LOCATED USING SUB-METER GPS. GPS UNIT USED WAS A TRIMBLE GEOXT AND DATA WAS PROCESSED USING TRIMBLE PATHFINDER.

REVISIONS, DATE AND INITIAL:

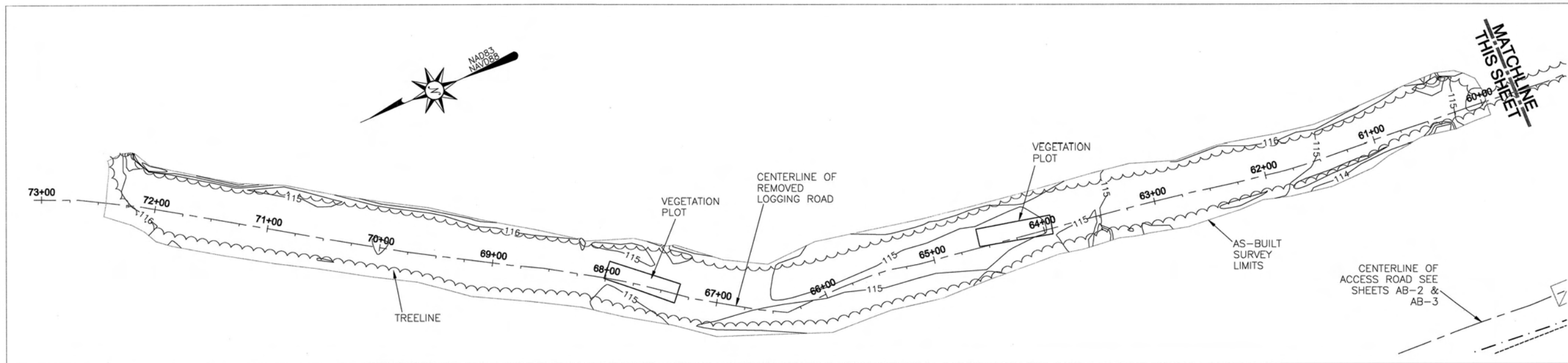
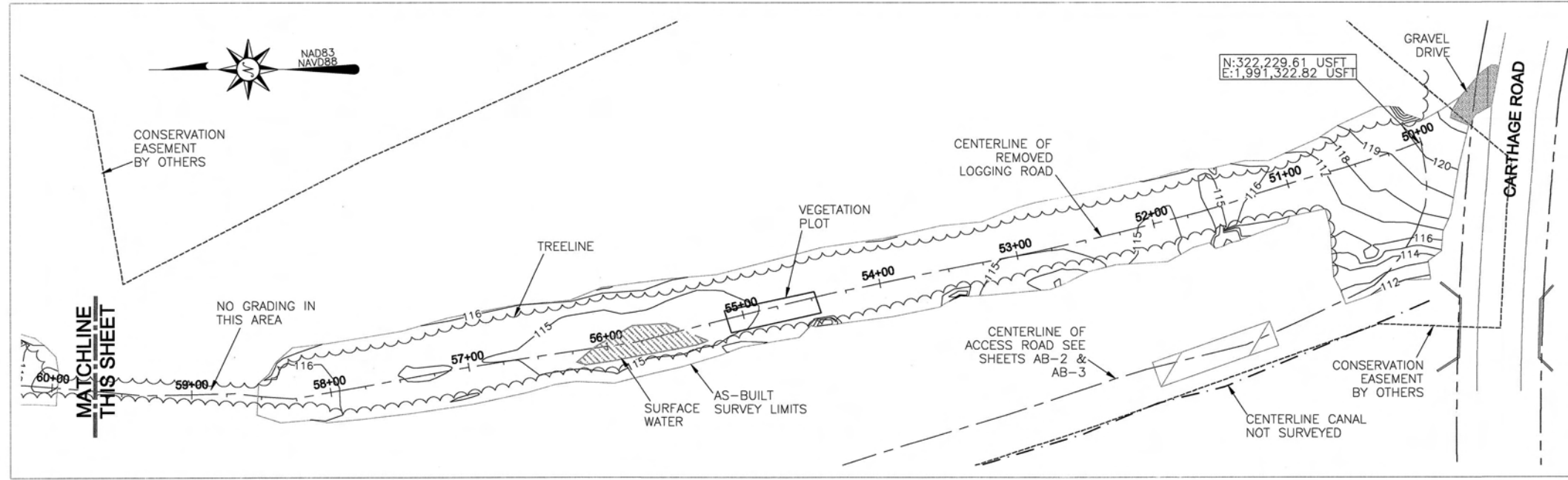
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 P-0702 - Lturner21@nc.rr.com - Dturner19@nc.rr.com
 WWW.TURNERLANDSURVEYING.COM

BERM CUTS
 AS-BUILT SURVEY OF
 MEADOWBRANCH SWAMP
 WETLAND RESTORATION
 SCO# 06-06731-01

ROBESON COUNTY
 NORTH CAROLINA

DATE: 6/10/2011
 SURVEYED BY: DST/EGT
 DRAWN BY: DST/EGT
 REVIEWED BY: DST/EGT
 PROJECT: TLS-10-012
 FILE: MEADOWBRANCH_92351_AB_TLS_F
 SCALE: AS SHOWN

SHEET
AB-3



I, DAVID S. TURNER, AS A DULY REGISTERED PROFESSIONAL LAND SURVEYOR IN THE STATE OF NORTH CAROLINA, HEREBY CERTIFY THAT THE DATA SHOWN ON THIS DRAWING, WAS OBTAINED UNDER MY SUPERVISION, IS AN ACCURATE AND COMPLETE REPRESENTATION OF WHAT WAS CONSTRUCTED IN THE FIELD, AND THAT THE PHYSICAL DIMENSIONS OR ELEVATIONS SHOWN THIS ARE AS-BUILT CONDITIONS EXCEPT WHERE OTHERWISE NOTED HEREON. WITNESS MY ORIGINAL SIGNATURE, REGISTRATION NUMBER, AND SEAL THIS 5th DAY OF JULY, 2011.

David S. Turner
 DAVID S. TURNER, P.L.S., L-4551



GENERAL NOTES

1. ALL DISTANCES ARE HORIZONTAL UNLESS OTHERWISE NOTED.
2. THE VERTICAL DATUM IS NGVD29.
3. THE BASIS OF BEARINGS IS NCGS STATE PLANE GRID COORDINATES NAD83 DATUM BASED ON NCGS MONUMENTS "HOSPITAL" AND "KATY" AS PROVIDED BY DESIGNER.
4. CONTROL RECOVERED PRIOR TO CONSTRUCTION AND VERIFIED DURING AS-BUILT SURVEY.
5. THIS MAP IS NOT FOR RECORDATION, SALES, OR CONVEYANCES AND DOES NOT COMPLY WITH G.S. 47-30 MAPPING REQUIREMENTS.
6. PRIVET REMOVAL AREAS LOCATED USING SUB-METER GPS. GPS UNIT USED WAS A TRIMBLE GEOXT AND DATA WAS PROCESSED USING TRIMBLE PATHFINDER.

REVISIONS, DATE AND INITIAL:

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NORTH CAROLINA

ROBESON COUNTY

SC0# 06-06731-01

REMOVED LOGGING ROAD
 AS-BUILT SURVEY OF
 MEADOWBRANCH SWAMP
 WETLAND RESTORATION

DATE: 6/10/2011
 SURVEYED BY: DST/EGT
 DRAWN BY: DST/EGT
 REVIEWED BY: DST/EGT
 PROJECT: TLS-10-012
 FILE: MEADOWBRANCH_92351_AB_TLS_F
 SCALE: AS SHOWN

SHEET
AB-4