

# **APPENDIX C**

## **As-Built Plan Sheet**

KCI JOB# : 20122939

CONTRACT #: 005012

# STATE OF NORTH CAROLINA ECOSYSTEM ENHANCEMENT PROGRAM

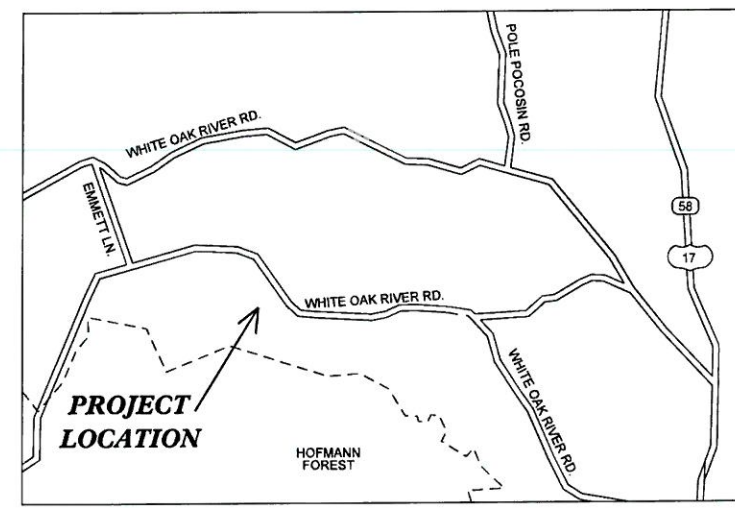
STATE	CONTRACT NUMBER	SHEET NO	TOTAL SHEETS
N.C.	005012	1	3

## AS-BUILT PLAN

### BOWL BASIN RESTORATION SITE

ONSLOW COUNTY, NORTH CAROLINA  
WHITE OAK RIVER BASIN

UPPER WHITE OAK RIVER WATERSHED  
03020106010010

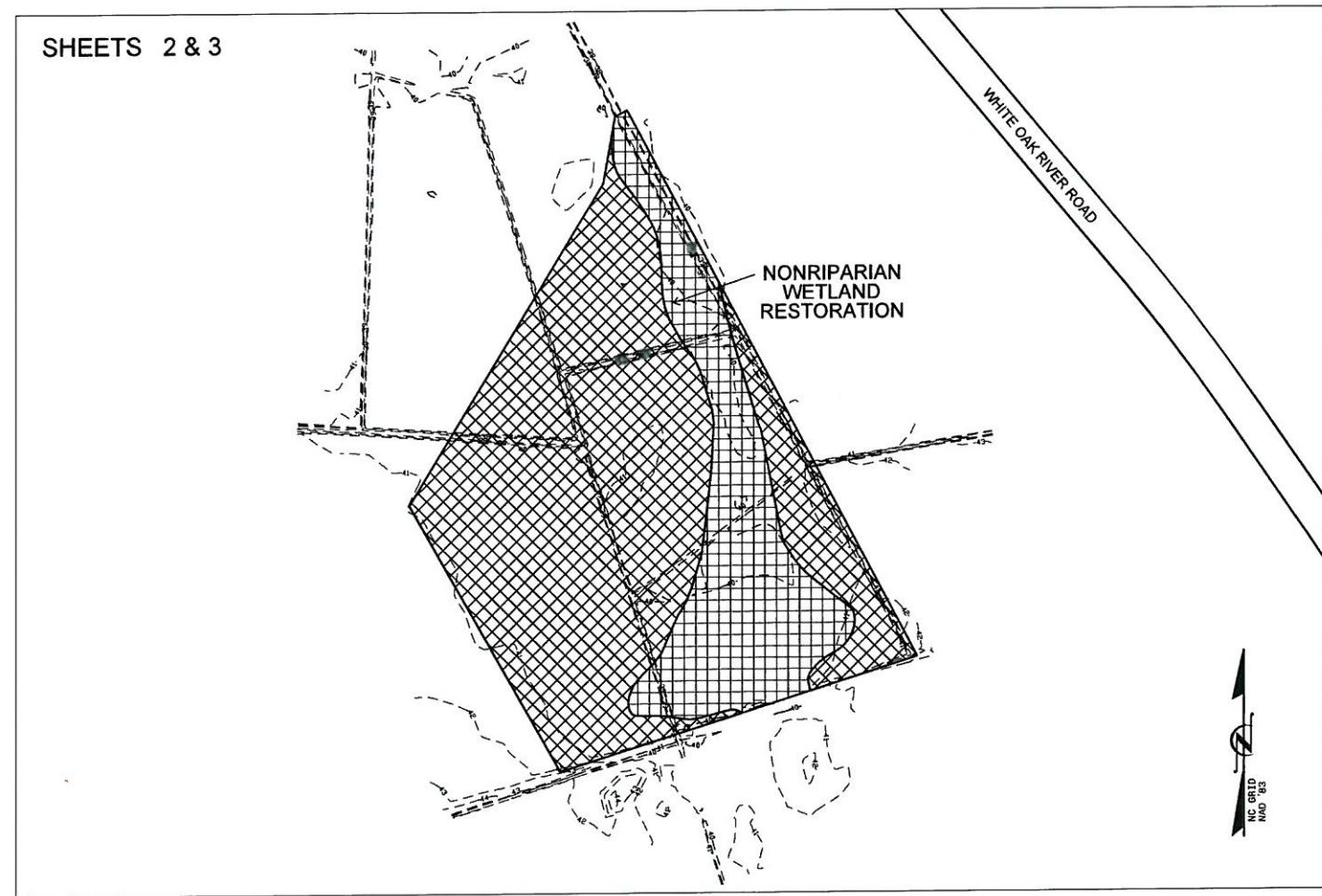


VICINITY MAP  
NOT TO SCALE

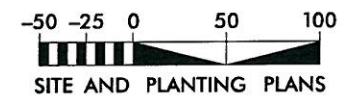
FROM RALEIGH TAKE I-40 EAST. TAKE EXIT 309 TO MERGE ONTO US-70 EAST. FOLLOW US-70 EAST TO KINSTON. AT KINSTON TAKE A RIGHT ONTO NORTH CAROLINA 58 SOUTH AND FOLLOW FOR APPROX. 30 MILES. TURN RIGHT ONTO COUNTRY ROAD 1119 / DAVIS FIELD ROAD. TAKE THE FIRST LEFT ONTO STATE COUNTRY ROAD 1115/POLE POCOSIN ROAD AND FOLLOW FOR 4 MILES. TURN LEFT ONTO STATE ROUTE 1116 / WHITE OAK RIVER ROAD AND FOLLOW FOR 2 MILES. TURN RIGHT ONTO COUNTRY ROAD 1118 / GIBSON BRIDGE ROAD AND FOLLOW FOR 1.8 MILES. TURN RIGHT ONTO WHITE OAK RIVER ROAD. ACCESS TO THE SITE WILL BE 3 MILES DOWN ON THE LEFT, JUST PAST THE DRIVEWAY AT 2457 WHITE OAK RIVER ROAD

- INDEX OF SHEETS
- 1 AS-BUILT TITLE SHEET
  - 2 AS-BUILT SITE PLAN
  - 3 AS-BUILT PLANTING PLAN

SHEETS 2 & 3



#### GRAPHIC SCALES



#### PROJECT DATA

NONRIPARIAN WETLAND RESTORATION = 11.74 ACRES

Prepared in the Office of:

**KCI Associates**  
of North Carolina, P.A.  
SUITE 220 LANDMARK CENTER II, 4601 SIX FORKS RD., RALEIGH, NC 27609  
ENGINEERS • PLANNERS • ECOLOGISTS

GARY M. MRYNCZA, P.E.  
PROJECT ENGINEER

JOE PFEIFFER  
WETLAND DESIGN

PROJECT ENGINEER 07.17.15








GARY MICHAEL MRYNCZA  
ENGINEER  
P.E.

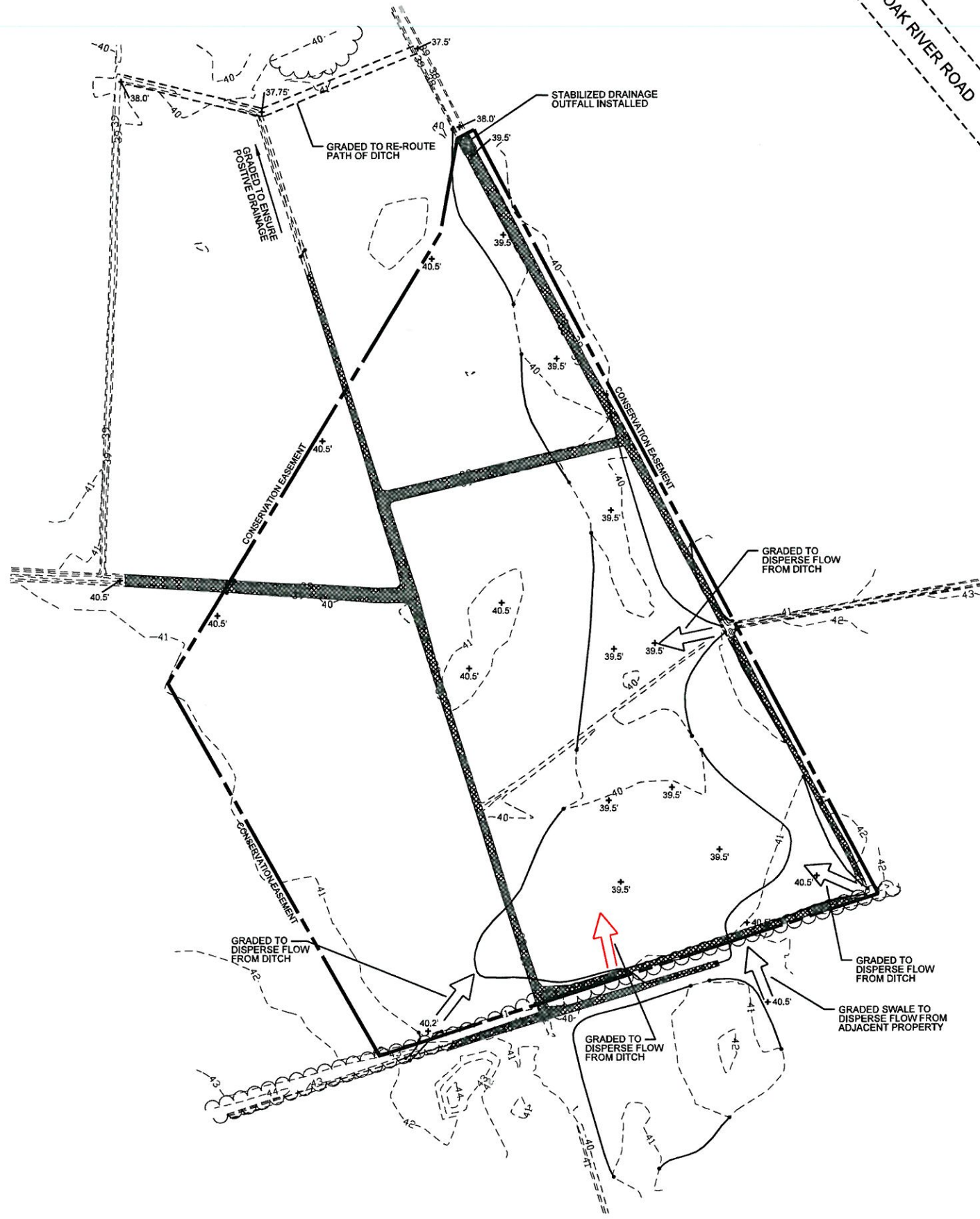
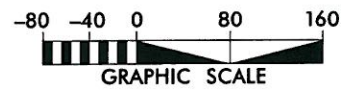
Prepared for:

NCDENR DIVISION OF  
MITIGATION SERVICES

JEFF JUREK  
CONTRACT ADMINISTRATOR

**SITE PLAN LEGEND**

-  EASEMENT LINE
-  PRE-RESTORATION CONTOUR LINES
-  DESIGNED CONTOUR LINES
-  OHW EXISTING OVERHEAD WIRE
-  ROCK STABILIZED OUTLET
-  FILLED DITCH
-  TREE LINE

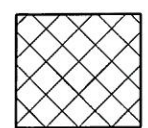
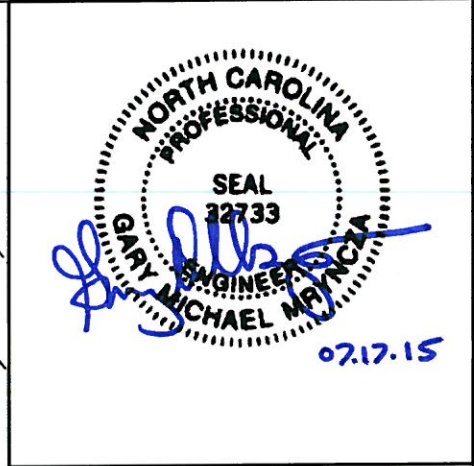
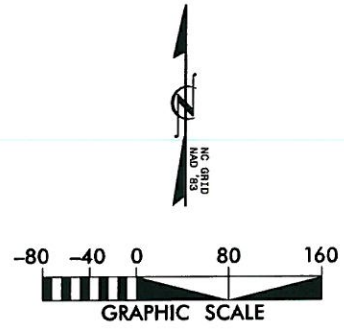


NOTE: SURFACE ROUGHENING WAS INSTALLED THROUGHOUT THE EASEMENT TO ALLEVIATE SOIL COMPACTION AND TO ENHANCE SURFACE WATER STORAGE.

NO.	DESCRIPTION	DATE

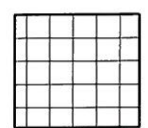
<p><b>NCDENR DIVISION OF MITIGATION SERVICES</b></p>
 <p><b>KCI</b> ASSOCIATES OF NC ENGINEERS • PLANNERS • SCIENTISTS 4601 SIX FORKS ROAD, SUITE 220 RALEIGH, NORTH CAROLINA 27609</p>
<p><b>BOWL BASIN RESTORATION SITE</b> ONSLow COUNTY, NORTH CAROLINA</p>
<p>DATE: JUNE 2015 SCALE: GRAPHIC</p>
<p>AS-BUILT: SITE PLAN</p>
<p>SHEET 2 OF 3</p>



**WETLAND PLANTING PLAN**  
 NON-RIPARIAN WETLAND RESTORATION  
 HARDWOOD FLATS VEGETATIVE COMMUNITY (SEASONALLY SATURATED)  
 8.53 AC

18" - 24" BARE ROOT MATERIAL  
 909 STEMS/ACRE, RANDOM SPECIES PLACEMENT

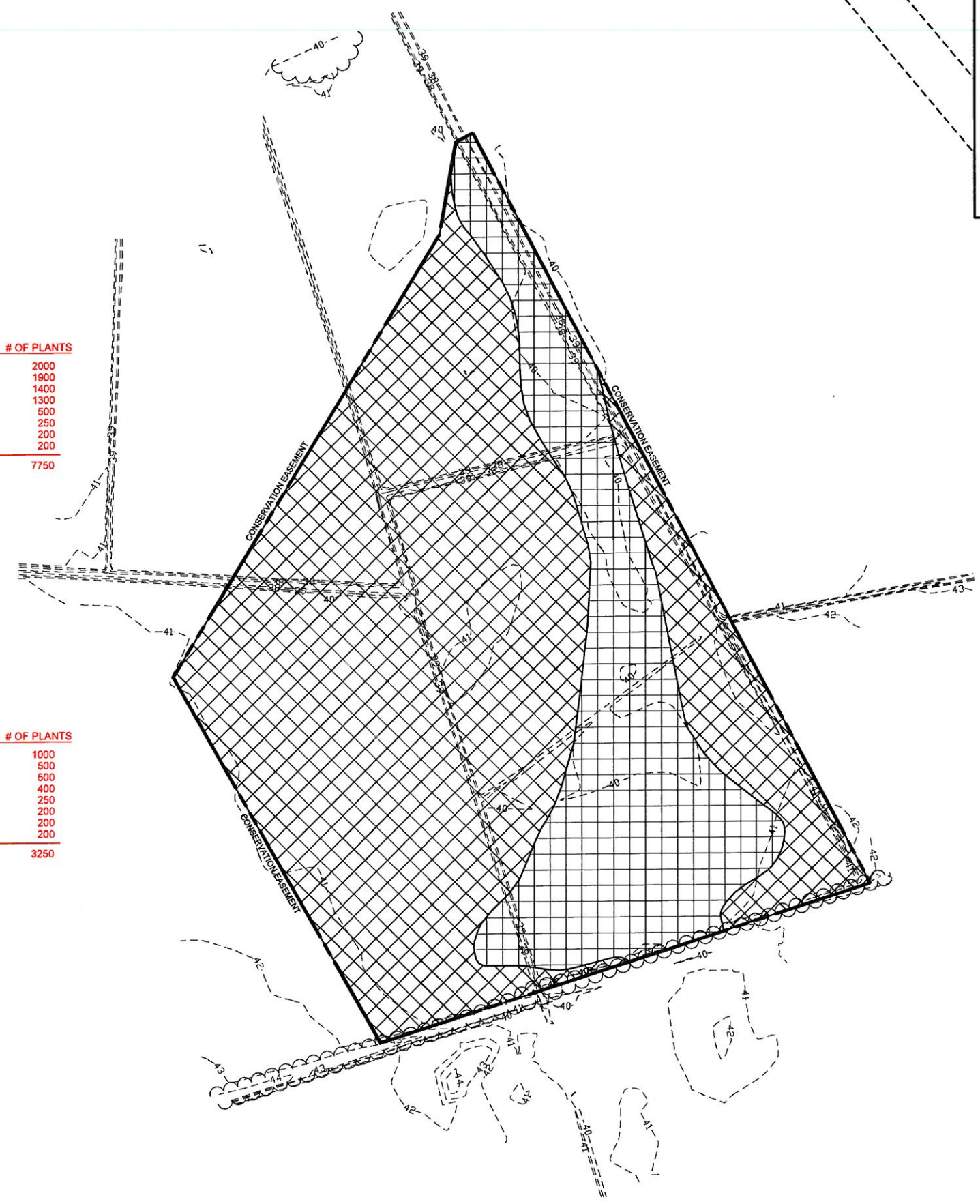
COMMON NAME	SCIENTIFIC NAME	WETLAND INDICATOR	% OF TOTAL	# OF PLANTS
SWAMP CHESTNUT OAK	QUERCUS MICHAUXII	FACW-	26	2000
RIVER BIRCH	BETULA NIGRA	FACW	25	1900
GREEN ASH	FRAXINUS PENNSYLVANICA	FACW	18	1400
WILLOW OAK	QUERCUS PHELLOS	FACW-	17	1300
BALD CYPRESS	TAXODIUM DISTICHUM	OBL	6	500
SWEETBAY MAGNOLIA	MAGNOLIA VIRGINIANA	FACW	3	250
CHERRYBARK OAK	QUERCUS PAGODA	FAC	3	200
SHUMARD OAK	QUERCUS SHUMARDII	FACU	3	200
			100	7750



**WETLAND PLANTING PLAN**  
 NON-RIPARIAN WETLAND RESTORATION  
 HARDWOOD FLATS VEGETATIVE COMMUNITY (SEASONALLY INUNDATED)  
 3.21 AC

18" - 24" BARE ROOT MATERIAL  
 1012 STEMS/ACRE, RANDOM SPECIES PLACEMENT

COMMON NAME	SCIENTIFIC NAME	WETLAND INDICATOR	% OF TOTAL	# OF PLANTS
BALD CYPRESS	TAXODIUM DISTICHUM	OBL	31	1000
BUTTONBUSH	CEPHALANTHUS OCCIDENTALIS	OBL	15	500
WATER TUPELO	NYSSA AQUATICA	OBL	15	500
SWAMP TUPELO	NYSSA BIFLORA	OBL	12	400
SWEETBAY MAGNOLIA	MAGNOLIA VIRGINIANA	FACW	8	250
SWAMP CHESTNUT OAK	QUERCUS MICHAUXII	FACW-	6	200
GREEN ASH	FRAXINUS PENNSYLVANICA	FACW	6	200
RIVER BIRCH	BETULA NIGRA	FACW	6	200
			100	3250



NO.	DATE	DESCRIPTION	BY

NC DENR DIVISION OF  
 MITIGATION SERVICES

**KCI**  
 ASSOCIATES OF NC  
 ENGINEERS • PLANNERS • SCIENTISTS  
 4601 SIX FORKS ROAD, SUITE 220  
 RALEIGH, NORTH CAROLINA 27609

BOWL BASIN  
 RESTORATION SITE  
 ONSLOW COUNTY, NORTH CAROLINA

DATE: JUNE 2015  
 SCALE: GRAPHIC  
 AS-BUILT:  
 PLANTING  
 PLAN  
 SHEET 3 OF 3