

# **APPENDIX C**

## **As-Built Plan Sheet**

KCI JOB# : 20122266

CONTRACT #: 004741

STATE	PPP PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
N.C.	95362	1	3

**AS-BUILT PLAN**

NC DENR DIVISION OF MITIGATION SERVICES

# BEAR BASIN RESTORATION SITE

ON SLOW COUNTY, NORTH CAROLINA  
WHITE OAK RIVER BASIN

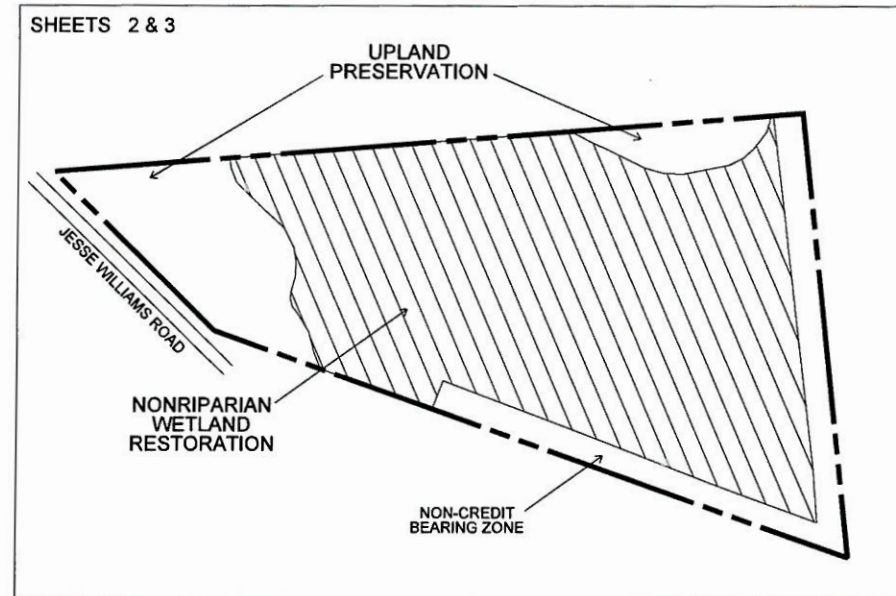
UPPER NEW RIVER WATERSHED  
03030001010010



VICINITY MAP  
NOT TO SCALE

DIRECTIONS FROM RALEIGH:  
PROCEED EAST ON I-40 FOR APPROXIMATELY 74 MILES. THEN TAKE EXIT 373 FOR NC-24 E/ NC-903 TOWARDS KENANSVILLE. TAKE A LEFT OFF I-40 ONTO NC-24 E/ NC-903. AFTER 6 MILES TAKE A RIGHT TO STAY ONTO NC-24 E. IN 19 MILES TAKE A LEFT ONTO JESSE WILLIAMS RD. THE SITE WILL BE ON THE RIGHT APPROXIMATELY 0.8 MILES UP THE ROAD.

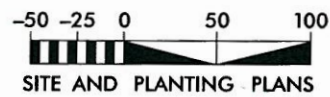
SHEETS 2 & 3



INDEX OF SHEETS

- 1 AS-BUILT TITLE SHEET
- 2 AS-BUILT SITE PLAN
- 3 AS-BUILT PLANTING PLAN

GRAPHIC SCALES



PROJECT DATA

NONRIPARIAN WETLAND RESTORATION = 8.6 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

TIM MORRIS  
WETLAND DESIGN

PROJECT ENGINEER









*[Handwritten Signature]*  
SIGNATURE: P.E.

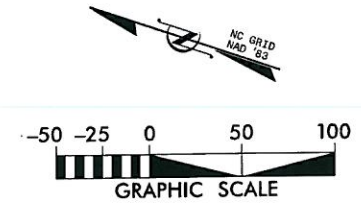
Prepared for:

NC DENR DIVISION OF  
MITIGATION SERVICES

JEFF JUREK  
CONTRACT ADMINISTRATOR

**SITE PLAN LEGEND**

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



SYMBOL	DESCRIPTION	REVISIONS

**NC DENR DIVISION OF MITIGATION SERVICES**

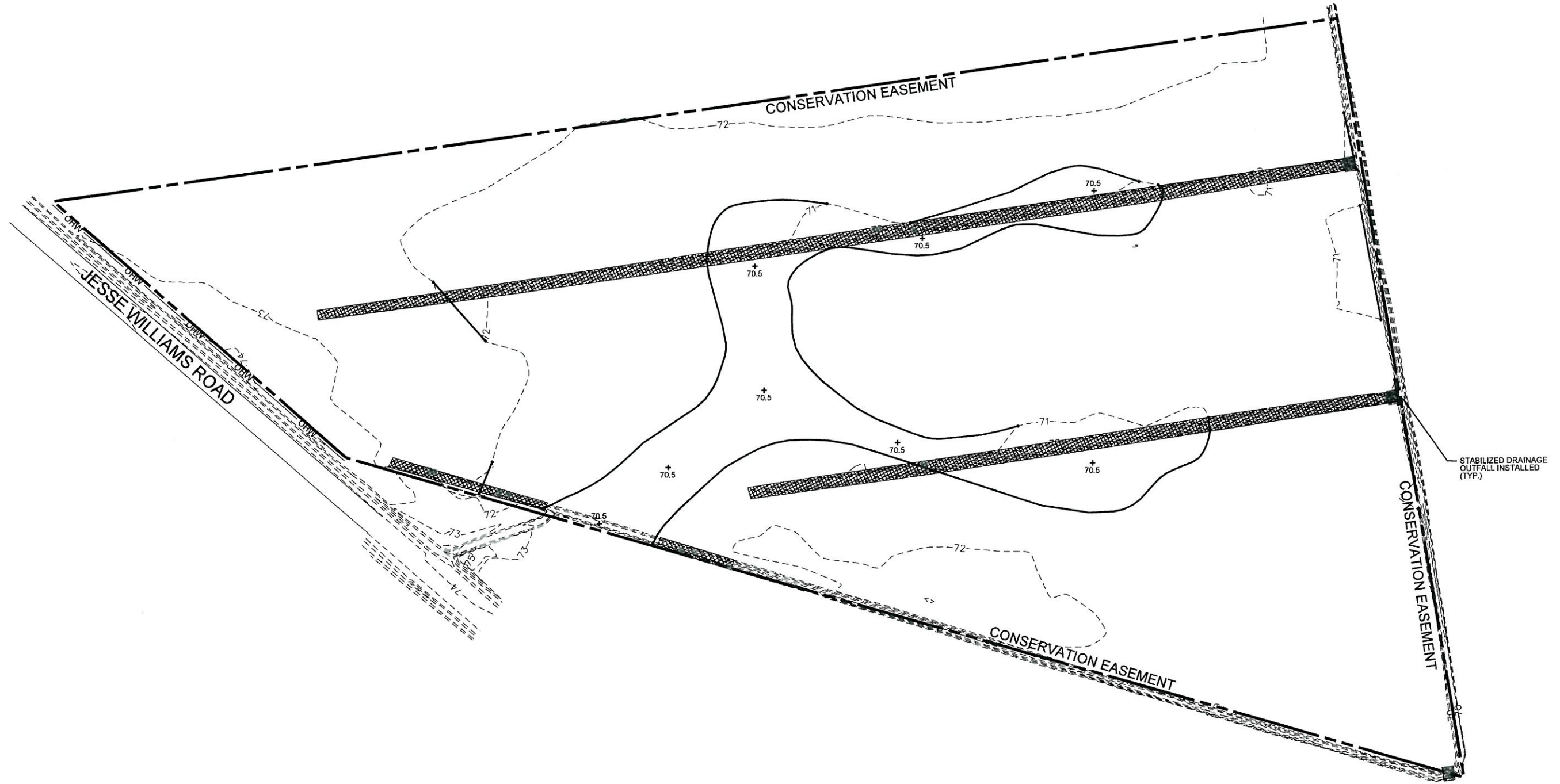
**KCI**  
ASSOCIATES OF NC  
ENGINEERS • PLANNERS • SCIENTISTS  
4801 SIX FORKS ROAD, SUITE 200  
RALEIGH, NORTH CAROLINA 27609

**BEAR BASIN RESTORATION SITE**  
RICHLANDS, ONSLOW COUNTY, NORTH CAROLINA

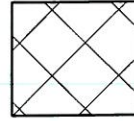
DATE: JUNE 2015  
SCALE: GRAPHIC

AS-BUILT:  
SITE PLAN

SHEET 2 OF 3



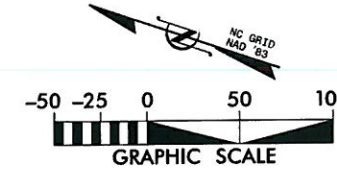
NOTE: SURFACE ROUGHENING WAS INSTALLED THROUGHOUT THE EASEMENT TO ALLEVIATE SOIL COMPACTION AND TO ENHANCE SURFACE WATER STORAGE.



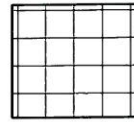
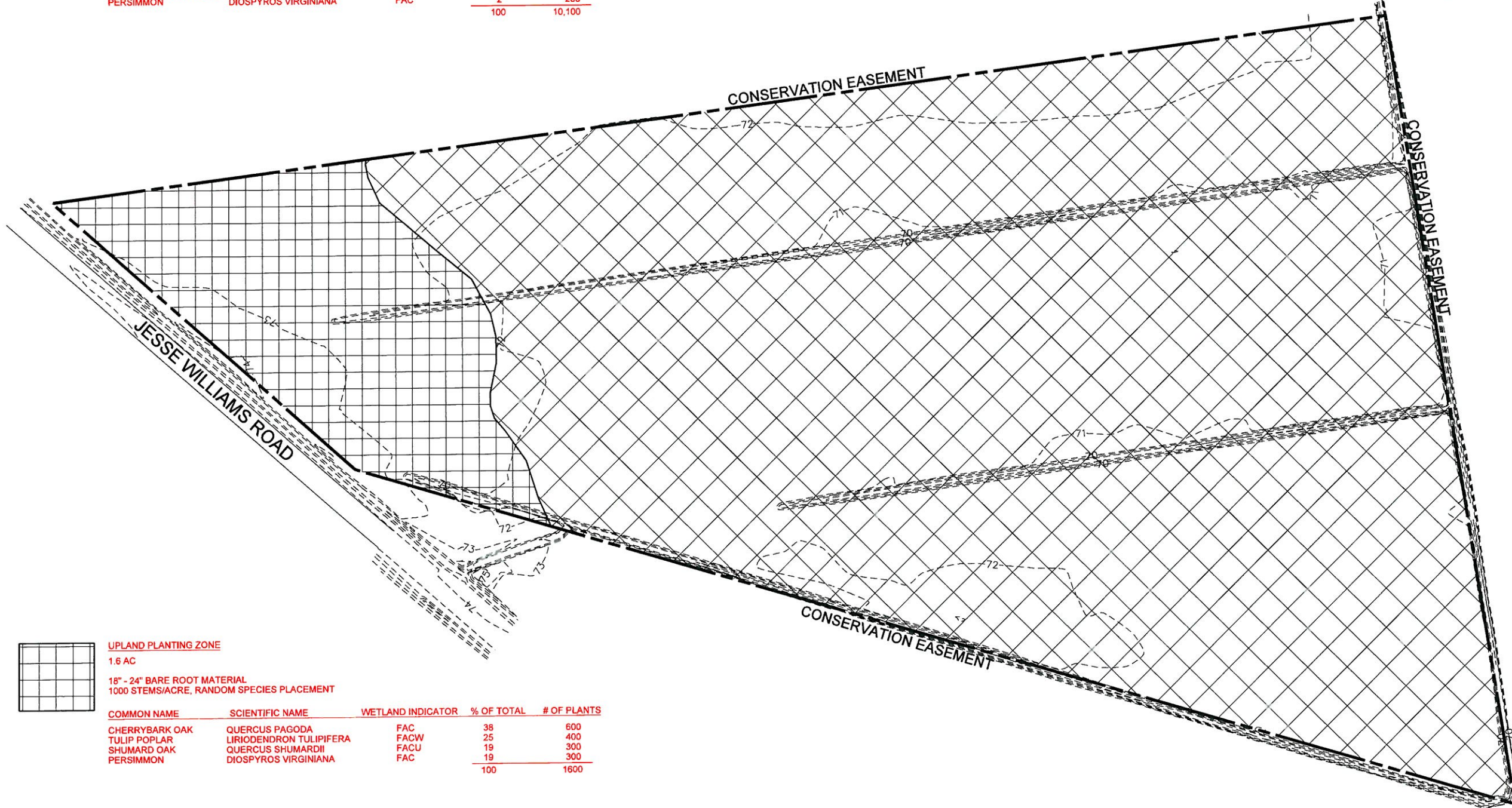
**WETLAND PLANTING ZONE**  
 NON-RIPARIAN WETLAND RESTORATION  
 HARDWOOD FLATS VEGETATIVE COMMUNITY  
 10.4 AC

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

COMMON NAME	SCIENTIFIC NAME	WETLAND INDICATOR	% OF TOTAL	# OF PLANTS
CHERRYBARK OAK	QUERCUS PAGODA	FAC	22	2200
BALD CYPRESS	TAXODIUM DISTICHUM	OBL	15	1500
RIVER BIRCH	BETULA NIGRA	FACW	11	1100
TULIP POPLAR	LIRIODENDRON TULIPIFERA	FACW	11	1100
WATER OAK	QUERCUS NIGRA	FAC	10	1000
WILLOW OAK	QUERCUS PHELLOS	FACW-	7	700
GREEN ASH	FRAXINUS PENNSYLVANICA	FACW	6	600
BUTTON BUSH	CEPHALANTHUS OCCIDENTALIS	OBL	5	500
SWEETBAY MAGNOLIA	MAGNOLIA VIRGINIANA	FACW	5	500
RED CHOKEBERRY	ARONIA ARBUTIFOLIA	FACW	2	250
HIGHBUSH BLUEBERRY	VACCINIUM CORYMBOSUM	FACW	2	250
SWAMP CHESTNUT OAK	QUERCUS MICHAUXII	FACW-	2	200
PERSIMMON	DIOSPYROS VIRGINIANA	FAC	2	200
			<u>100</u>	<u>10,100</u>



NO.	DESCRIPTION	REVISIONS



**UPLAND PLANTING ZONE**

1.6 AC  
 18" - 24" BARE ROOT MATERIAL  
 1000 STEMS/ACRE, RANDOM SPECIES PLACEMENT

COMMON NAME	SCIENTIFIC NAME	WETLAND INDICATOR	% OF TOTAL	# OF PLANTS
CHERRYBARK OAK	QUERCUS PAGODA	FAC	38	600
TULIP POPLAR	LIRIODENDRON TULIPIFERA	FACW	25	400
SHUMARD OAK	QUERCUS SHUMARDII	FACU	19	300
PERSIMMON	DIOSPYROS VIRGINIANA	FAC	19	300
			<u>100</u>	<u>1600</u>

NCDENR DIVISION OF  
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BEAR BASIN  
 RESTORATION SITE  
 RICHLANDS, ONSLOW COUNTY, NORTH CAROLINA

DATE: JUNE 2015  
 SCALE: GRAPHIC

AS-BUILT:  
 PLANTING  
 PLAN

SHEET 3 OF 3