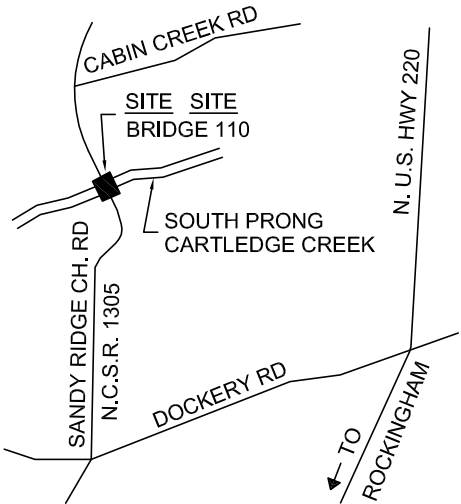




VICINITY MAP (NTS)

JURISDICTIONAL BOUNDARY CERTIFICATION:

THIS CERTIFIES THAT THIS COPY OF THIS PLAT ACCURATELY DEPICTS THE BOUNDARY OF THE JURISDICTION OF SECTION 404 OF THE CLEAN WATER ACT WITHIN THE DESIGNATED INSET AREA, AS DETERMINED BY THE UNDERSIGNED ON THIS DATE. OTHER AREAS OF JURISDICTION MAY BE PRESENT ON THE SITE BUT HAVE NOT BEEN DELINEATED. UNLESS THERE IS A CHANGE IN THE LAW OR OUR PUBLISHED REGULATIONS, THIS DETERMINATION OF SECTION 404 JURISDICTION MAY BE RELIED UPON FOR A PERIOD NOT TO EXCEED FIVE YEARS FROM THIS DATE. THIS DETERMINATION WAS MADE UTILIZING THE APPROPRIATE REGIONAL SUPPLEMENT TO THE 1987 CORPS OF ENGINEERS WETLANDS DELINEATION MANUAL.

REGULATORY OFFICIAL _____

TITLE _____

DATE _____

USACE ACTION ID _____

(THE ABOVE U.S.A.C.E. SIGNATURE APPLIES TO THE FOLLOWING SHEETS: SHEET 1, AND SHEET 2)

LEGEND:

- ISS - IRON STAKE SET
- ECM - EXISTING CONCRETE MARKER
- EIP - EXISTING IRON PIPE
- EN - EXISTING NAIL
- NMC - NON-MONUMENTED CORNER
- R/W - RIGHT OF WAY
- UP - UTILITY POLE
- SP - SERVICE POLE
- EOP - EDGE OF PAVEMENT
- Adjoiner Line
- Flag Along Jurisdictional Wetlands and Streams
- Open Water Pond
- Non-Monumented Corner (Unless Otherwise Noted)
- Flagged Jurisdictional Wetland Line
- Flagged Jurisdictional Stream Line
- U.S.A.C.E. Data Point
- U.S.A.C.E. U.S. Army Corps of Engineers

TOTAL JURISDICTIONAL WETLAND AREAS

JURISDICTIONAL WETLAND AREAS	ACREAGE (ACRES)
1	0.36
TOTAL	0.36

TOTAL JURISDICTIONAL STREAM AREAS

JURISDICTIONAL STREAM AREAS	ACREAGE (ACRES)	LINEAR FEET	STREAM WIDTH
1	0.06	190.56	6'-20'
2	0.01	99.58	3'
TOTAL	0.07	290.14	

EXISTING BRIDGE AT SANDY RIDGE CHURCH ROAD (APRIL 16, 2012)



SURVEYOR'S CERTIFICATION(S):

SURVEYOR'S DISCLAIMER: NO ATTEMPT WAS MADE TO LOCATE ANY CEMETERIES, WETLANDS, HAZARDOUS MATERIAL SITES, UNDERGROUND UTILITIES OR ANY OTHER FEATURES ABOVE, OR BELOW GROUND OTHER THAN THOSE SHOWN.

I CERTIFY THAT THE SURVEY IS ON ANOTHER CATEGORY (JURISDICTIONAL WETLAND AND STREAM LINES OF DESCRIPTION), SUCH AS THE RECOMBINATION OF EXISTING PARCELS, A COURT-ORDERED SURVEY, OR OTHER EXCEPTION TO THE DEFINITION OF A SUBDIVISION.

I CERTIFY THAT THIS PLAT DOES NOT MEET G.S. 47-30 AS AMENDED.

I CERTIFY THAT ALL JURISDICTIONAL WETLANDS AND STREAMS WERE FIELD LOCATED BY K2 DESIGN GROUP, PA AFTER BEING MARKED BY ATKINS NORTH CAROLINA, INC.

I, JOHN A. RUDOLPH, CERTIFY THAT THIS PLAT WAS DRAWN UNDER MY SUPERVISION FROM AN ACTUAL CLASS C LIS/GIS SURVEY MADE UNDER MY SUPERVISION ON 4/25/12; THAT GPS, WITH A TRIMBLE 6000 SERIES GEO XT HANDHELD WITH A TRIMBLE TEMPEST EXTERNAL ANTENNA WAS USED IN THIS SURVEY; THAT THE METHOD OF ACCURACY EVALUATION WAS CODE AND CARRIER PHASE POST-PROCESSING CORRECTIONS WITH A 95% CERTAINTY (SEE GENERAL NOTE 4); THAT ALL WETLAND BOUNDARY LINES WERE SURVEYED AND ARE CLEARLY INDICATED; THAT THE HORIZONTAL DATUM FOR THIS SURVEY IS NAD '83 (CORS96).

WITNESS MY ORIGINAL SIGNATURE, REGISTRATION NUMBER AND SEAL THIS 30TH DAY OF APRIL, A.D., 2012.

SEAL OR STAMP

Surveyor

L-4194

"PRELIMINARY PLAT"
NOT FOR RECORDATION,
CONVEYANCES OR SALES

GENERAL NOTES:

- NOTE: NO ABSTRACT TITLE, NOR TITLE COMMITMENT, NOR RESULTS OF TITLE SEARCH WERE FURNISHED TO THE SURVEYOR. ALL DOCUMENTS OF RECORD REVIEWED ARE NOTED HEREON (SEE REFERENCES). THERE MAY EXIST OTHER DOCUMENTS OF RECORD THAT MAY AFFECT THIS SURVEYED PARCEL.
- ALL JURISDICTIONAL WETLAND & JURISDICTIONAL STREAM AREAS DETERMINED AND FLAGGED BY ATKINS NORTH CAROLINA, INC. DURING APRIL 2012.
- A PORTION OF JURISDICTIONAL WETLAND & JURISDICTIONAL STREAM AREAS WERE FIELD LOCATED BY K2 DESIGN GROUP, P.A. AFTER BEING MARKED BY ATKINS NORTH AMERICA, INC. AREAS THAT WERE FIELD LOCATED BY ATKINS NORTH AMERICA, INC. WERE CHECKED AND VERIFIED BY K2 DESIGN GROUP, PA.
- ALL FLAGS WERE LOCATED WITH A TRIMBLE 6000 SERIES GEO XT HANDHELD WITH EXTERNAL ANTENNA, THEN ON A DIFFERENT DAY, SEVERAL POINTS (5 TO 10) WERE RELOCATED AGAIN WITH A TOPCON GMS 110 GPS UNIT USING DIFFERENTIAL CORRECTIONS (DGPS/COAST GUARD BEACONS) TO CONFIRM LOCATIONS.
- ALL HORIZONTAL DISTANCES SHOWN ARE GRID DISTANCES.

FEMA FLOOD STATEMENT:

ALL OF THE AREA REPRESENTED BY THIS PLAT IS LOCATED IN A FLOOD HAZARD BOUNDARY ACCORDING TO FEMA MAP NUMBER(S) 3710746600J. ZONE(S): AE, DATED: OCTOBER 16, 2007.

ATKINS

1616 East Millbrook Road,
Suite 310,
Raleigh, North Carolina,
27539-4968

SHEET 1 OF 2

WETLAND BOUNDARY

FOR

NORTH CAROLINA
DEPARTMENT OF
TRANSPORTATION



SANDY RIDGE CHURCH ROAD

BRIDGE LABEL 760110
YADKIN RIVER BASIN

ROCKINGHAM TOWNSHIP RICHMOND COUNTY NORTH CAROLINA

DRAWN BY: FGR

DATE: 04/30/12

DWG. NO.: BRIDGE 110

SURVEYED BY: J.A.R.

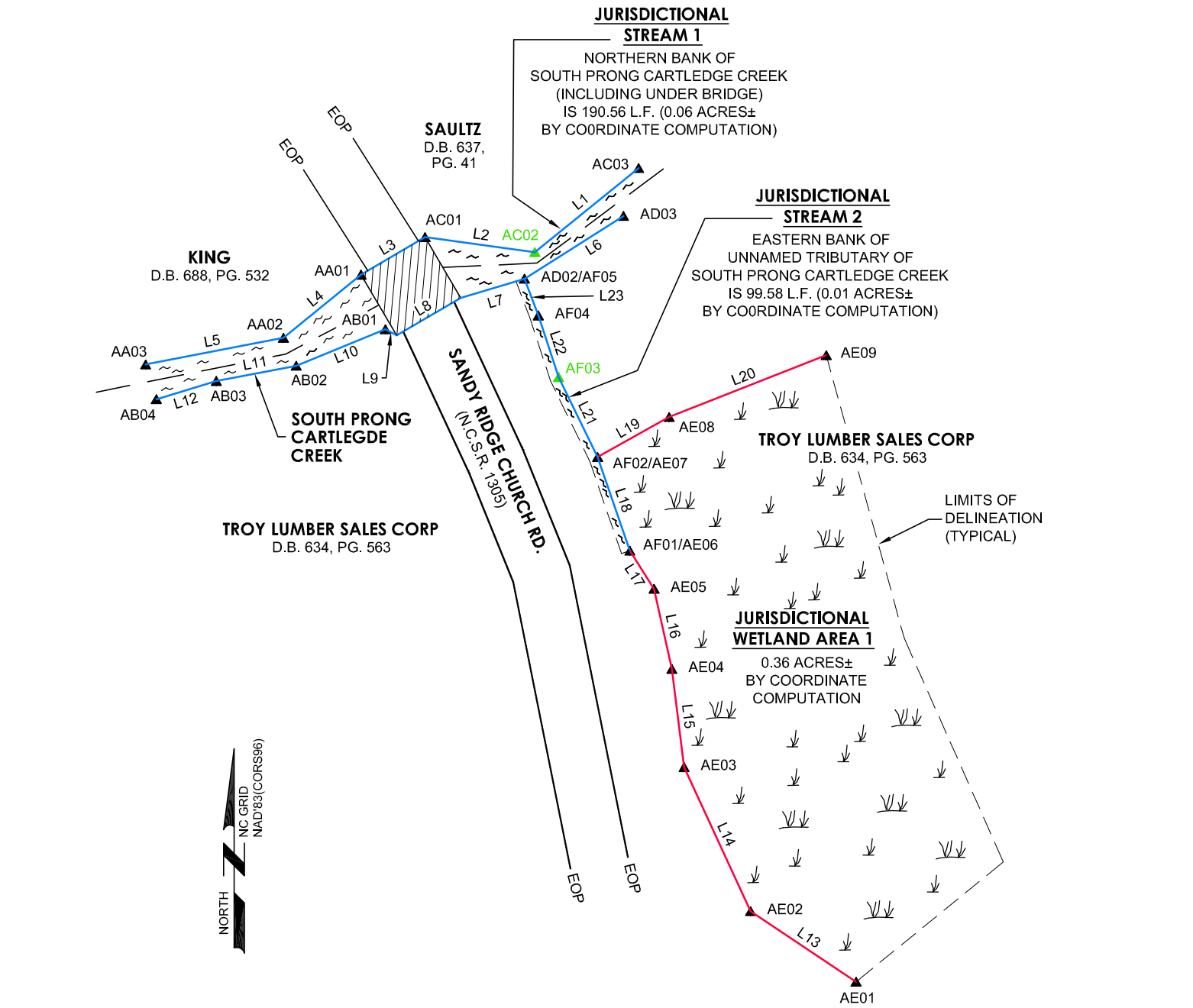


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Goldsboro, NC 27534
Tel.: (919) 751-0075
Fax: (919) 778-9087
k2design@suddenlink.net
Firm License No. C-2111

LINE DATA ALONG JURISDICTIONAL WETLANDS AND STREAMS		
LINE	LENGTH	BEARING
L1	45.53'	S50°59'44"W
L2	37.76'	N82°11'53"W
L3	25.32'	S59°36'19"W
L4	34.12'	S50°52'54"W
L5	47.83'	S79°04'57"W
L6	39.98'	S57°37'13"W
L7	22.66'	S73°20'39"W
L8	25.32'	S59°36'19"W
L9	4.40'	N61°32'16"W
L10	32.82'	S67°41'16"W
L11	27.75'	S79°14'28"W
L12	21.37'	S73°02'07"W
L13	43.27'	N56°10'41"W
L14	54.12'	N24°47'23"W
L15	33.72'	N07°03'58"W
L16	27.95'	N12°31'29"W
L17	15.46'	N32°25'40"W
L18	33.73'	N18°58'00"W
L19	27.96'	N60°45'16"E
L20	57.55'	N68°29'53"E
L21	30.31'	N26°02'55"W
L22	22.15'	N18°10'38"W
L23	13.39'	N20°44'09"W

COORDINATES ALONG FLAGGED CORNERS OF JURISDICTIONAL STREAMS AND WETLANDS		
NORTHING	EASTING	FLAG I.D.
463734.4130	1767766.6860	AE01
463758.4960	1767730.7410	AE02
463807.6250	1767708.0510	AE03
463841.0880	1767703.9030	AE04
463868.3760	1767697.8410	AE05
463926.9850	1767702.9860	AE08
463948.0790	1767756.5310	AE09
463881.4250	1767689.5510	AF01=AE06
463913.3240	1767678.5880	AF02=AE07
463940.5530	1767665.2790	AF03 ▲
463961.6010	1767658.3680	AF04
463974.1240	1767653.6270	AD02=AF05
463975.5210	1767597.9360	AA01
463953.9930	1767571.4630	AA02
463944.9340	1767524.4980	AA03
463956.9180	1767606.2080	AB01
463944.4560	1767575.8410	AB02
463939.2760	1767548.5800	AB03
463933.0400	1767528.1380	AB04
463988.3300	1767619.7730	AC01
463983.2040	1767657.1840	AC02 ▲
464011.8580	1767692.5630	AC03
463995.5370	1767687.3950	AD03
463974.4240	1767612.3520	BRIDGE CENTER

NOTE: ALL CORNERS ARE TRUE NORTH CAROLINA STATE PLANE COORDINATES. ALL DISTANCES ARE GRID DISTANCES



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SHEET 2 OF 2
WETLAND BOUNDARY
FOR
**NORTH CAROLINA
DEPARTMENT OF
TRANSPORTATION**

SANDY RIDGE CHURCH ROAD

**BRIDGE LABEL 760093
YADKIN RIVER BASIN**

ROCKINGHAM TOWNSHIP RICHMOND COUNTY NORTH CAROLINA
50 25 0 50 100 150
GRAPHIC SCALE 1" = 50'