"This certifies that this copy of this plat accurately depicts the boundary of the jurisdiction of section 404 of the Clean Water Act as determined by the undersigned on this date. Unless there is a change in the law or our published regulation, 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 1987 Corps of Engineers Wetlands Delineation Manual."

Regulatory Official: _____

Title _____

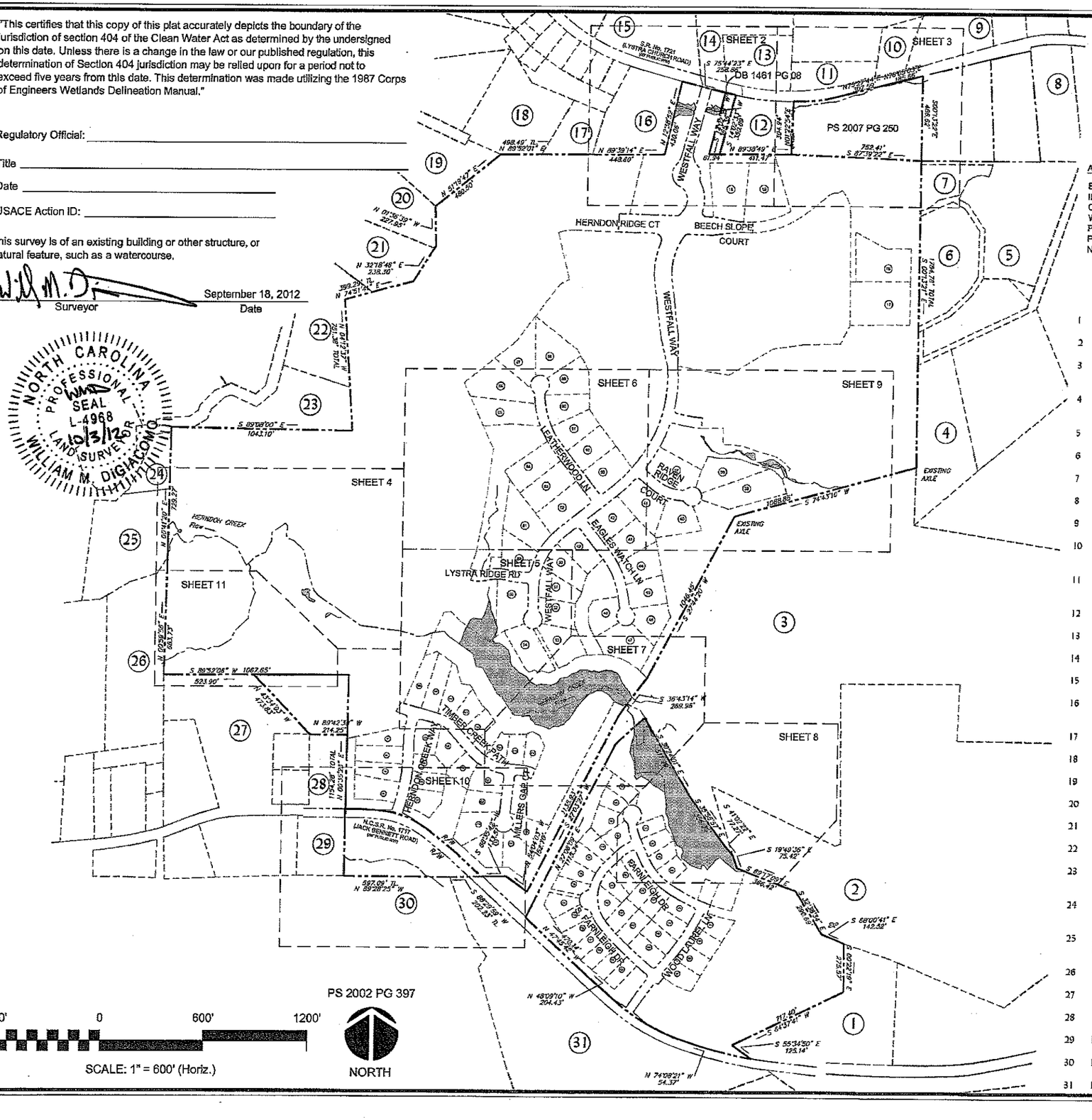
Date _____

USACE Action ID: _____

This survey is of an existing building or other structure, or natural feature, such as a watercourse.

Surveyor — September 18, 2012 Date

NORTH CAROLINA PROFESSIONAL SEAL L-4968 LAND SURVEYOR WILLIAM M. DiGIACOMO 10/3/12



SURVEY NOTES:

1) EXISTING WETLAND AND STREAM INFORMATION TAKEN FROM MAPS PREPARED BY SMITH & SMITH SURVEYORS DATED MAY 22, 2006 ENTITLED "WETLAND DELINEATION FOR OVER JORDAN, LLC".
2) NEW WETLAND AND STREAM SURVEY INFORMATION HAS BEEN TIED TO BOUNDARY INFORMATION PROVIDED BY SMITH AND SMITH SURVEYORS, AND SURVEYED BY CE GROUP, INC. FROM AUGUST 6 TO SEPTEMBER 11, 2012.
3) EXISTING PLATTED LOTS TAKEN FROM THE FOLLOWING MAPS RECORDED WITH THE CHATHAM COUNTY REGISTER OF DEEDS - PS 2006 PG 95, PS 2006 PG 96, PS 2006 PG 97 AND PS 2006 PG 98.

ABBREVIATION LEGEND

EIP	EXISTING IRON PIPE
IPF	IRON PIPE FOUND
C&T	CAP AND TACK
WL	WETLAND
PS	PLAT SLIDE
PG	PAGE
N/F	NOW OR FORMERLY

LEGEND

- RIGHT-OF-WAY
- CREEK CENTERLINE
- TIE LINES
- PROPERTY LINES
- LOT LINES
- STORM DRAIN
- WETLANDS
- RIP RAP

ADJACENT PROPERTY OWNERS

1 N/F - NANCY W. BRITT - PIN: 9785-51-2366 - DB: 983-812
2 N/F - UNITED STATES OF AMERICA - PIN: 9795-18-6724
3 N/F - CHATHAM CO. BOARD OF EDUCATION - PIN: 9785-53-3703 DB: 885-624
4 N/F - PIERCE A. & ELIZABETH N. CASSEDY - PIN: 9785-54-7634 DB: 447-717
5 N/F - DAVID E. MILLER - PIN: 9785-65-2905 - DB: 1431-718
6 N/F - DAVID E. MILLER - PIN: 9785-55-7771 - DB: 1431-720
7 N/F - DAVID E. MILLER - PIN: 9785-56-7156 - DB: 1301-744
8 N/F - WESTFALL ASSOCIATES, LLC - PIN: 9785-66-1549 - D.B. 1461-08
9 N/F - MACGREGOR DEVELOPMENT CO. - PIN: 9785-57-8070 - DB: 1351-263
10 N/F - RICHARD J. & MARJORIE S. BARTLETT - PIN: 9785-56-4942 DB: 1375-379
11 N/F - RICHARD J. & MARJORIE S. BARTLETT - PIN: 9785-56-0746 DB: 1375-379
12 N/F - THOMAS & TERRI GIBSON - PIN: 9785-46-6446 - DB: 1391-405
13 N/F - JENNIFER D. & WILLIAM W. CURE - PIN: 9785-46-7812 - DB: 920-846
14 N/F - ROY H. DAVIS - PIN: 9785-47-6018 - DB: 499-861
15 N/F - R. NELSON & JANICE C. WALL - PIN: 9785-47-0130 - DB: 568-970
16 N/F - CYNTHIA K. SMITH & LINDA FULLWOOD - PIN: 9785-36-9559 DB: 802-308
17 N/F - MARTIN J. BERNHOLZ - PIN: 9785-36-6413 - DB: 452-666
18 N/F - JOHN M. & DONNA M. HUFF - PIN: 9785-36-2459 - DB: 885-337
19 N/F - DENZIL L. & LILA J. THORN - PIN: 9785-26-7310 - DB: 474-898
20 N/F - LEILA M. WEBSTER - PIN: 9785-26-4045 - DB: 480-261
21 N/F - LEILA M. WEBSTER - PIN: 9785-25-3775 - DB: 1206-511
22 N/F - MARK A. & STEPHANIE L. McADAMS - PIN: 9785-25-1376 - DB: 1034-64
23 N/F - MICHAEL J. BROCKI & ANGELA K. SPIVEY - PIN: 9785-24-0867 DB: 1594-1089
24 N/F - GEORGE MEYER & MAURA L. O'DONOGHUE - PIN: 9785-04-9644 DB: 446-597
25 N/F - CHARLES T. & NANCY L. ANDERSON - PIN: 9785-14-0088 DB: 678-1007
26 N/F - DAVID L. & JEAN CARLTON - PIN: 9785-13-1301 - DB: 398-882
27 N/F - SUSAN L. FIELDS - PIN: 9785-12-6998 - DB: 1422-186
28 N/F - ALVIN L. & DEBORAH P. FULLER - PIN: 9785-22-2756 - DB: 880-689
29 N/F - TIMOTHY B. PECK - PIN: 9785-22-1394 - DB: 420-719
30 N/F - NANCY W. BRITT - PIN: 9785-21-1262 - DB: 1074-768
31 N/F - MACKIE W. LAMBERT - PIN: 9785-31-7046 - DB: 1029-494

CE GROUP
301 GLENWOOD AVE. 220
RALEIGH,NC 27603
PHONE: 919-367-8790
FAX: 919-233-0032
www.cegroupinc.com
License # C-1739

REV	DATE
1	10/03/2012

WETLAND DELINEATION FOR WESTFALL ASSOCIATES, LLC
WILLIAMS TOWNSHIP
CHATHAM COUNTY
NORTH CAROLINA

Date:	08/24/2012
Scale:	1" = 600'
Drawn:	CPM
Checked:	AJF
Project No.	800-09
Computer Dwg. Name	sht 01 overall

Sheet No: 1 Of -

"This certifies that this copy of this plat accurately depicts the boundary of the jurisdiction of section 404 of the Clean Water Act as determined by the undersigned on this date. Unless there is a change in the law or our published regulation, 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 1987 Corps of Engineers Wetlands Delineation Manual."

Regulatory Official: _____

Title _____

Date _____

USACE Action ID: _____

This survey is of an existing building or other structure, or natural feature, such as a watercourse.

Surveyor

September 18, 2012
Date

NORTH CAROLINA PROFESSIONAL SEAL L-4968 LAND SURVEYOR WILLIAM M. DIGIACOMO
WMD
10/3/12

SURVEY NOTES:
1) EXISTING WETLAND AND STREAM INFORMATION TAKEN FROM MAPS PREPARED BY SMITH & SMITH SURVEYORS DATED MAY 22, 2006 ENTITLED "WETLAND DELINEATION FOR OVER JORDAN, LLC".
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ABBREVIATION LEGEND

EIP	EXISTING IRON PIPE
IPF	IRON PIPE FOUND
C&T	CAP AND TACK
WL	WETLAND
PS	PLAT SLIDE
PG	PAGE
N/F	NOW OR FORMERLY

LEGEND

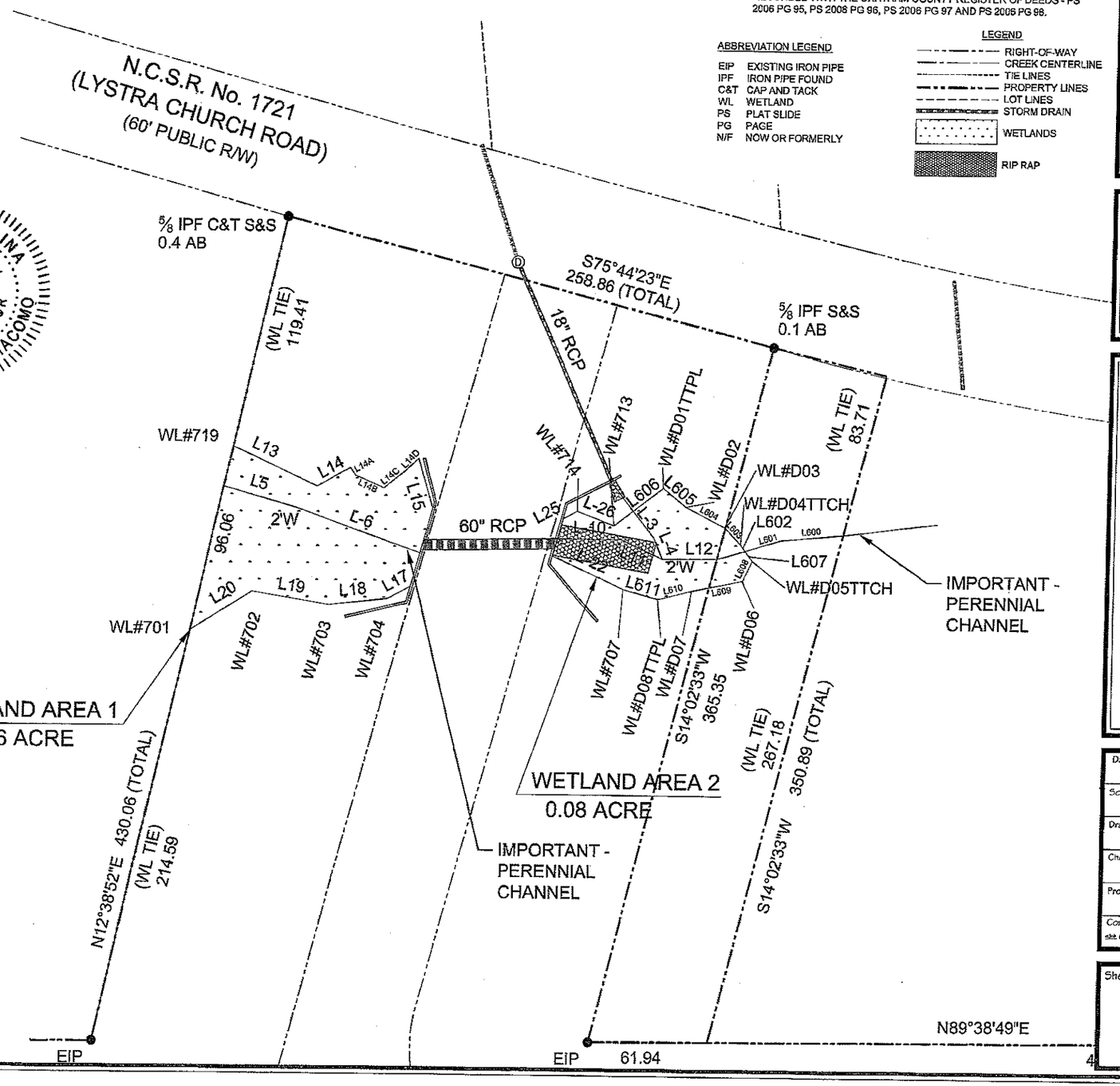
- RIGHT-OF-WAY
- CREEK CENTERLINE
- TIE LINES
- PROPERTY LINES
- LOT LINES
- STORM DRAIN
- WETLANDS
- RIP RAP

CE GROUP
301 GLENWOOD AVE. 220
RALEIGH,NC 27603
PHONE: 919-367-8790
FAX: 919-233-0032
www.cegroupinc.com
License # C-1739

REV	DATE
1	10/03/2012

WETLAND DELINEATION FOR WESTFALL ASSOCIATES, LLC
WILLIAMS TOWNSHIP
CHATHAM COUNTY
NORTH CAROLINA

LINE TABLE		
LINE	BEARING	LENGTH
L3	S38°58'20"E	36.15
L4	S23°14'36"E	11.90
L5	S74°18'12"E	39.61
L6	S70°31'05"E	67.63
L10	S89°45'42"E	33.39
L11	S65°39'11"E	23.37
L12	N89°08'02"E	27.97
L13	N65°27'11"W	48.28
L14	N60°41'00"E	19.64
L14A	N35°04'39"W	4.72
L14B	N66°48'15"W	16.09
L14C	N50°33'46"E	13.49
L14D	N45°52'58"E	9.34
L15	N17°05'21"W	26.44
L17	N61°12'59"E	13.09
L18	N83°48'19"E	30.47
L19	S80°43'16"E	40.43
L20	N58°07'42"E	37.73
L22	S65°48'13"E	40.48
L25	N61°23'15"E	8.24
L600	S84°32'09"W	32.15
L601	S73°18'16"W	34.50
L602	N37°12'59"W	4.01
L603	N44°10'10"W	12.16
L604	N63°00'38"W	22.30
L605	N51°20'55"W	15.18
L606	S52°26'45"W	31.87
L607	S37°12'59"E	6.47
L608	S26°14'52"W	11.36
L609	S78°17'15"W	26.33
L610	S75°31'08"W	18.08
L611	N74°32'18"W	18.79



PS 2002 PG 397

60' 0 60' 120'

SCALE: 1" = 60' (Horiz.)

NORTH

Date:	08/24/2012
Scale:	1" = 60'
Drawn:	CPM
Checked:	AJF
Project No.	800-09
Computer Dwg. Name	sht 02 wetlands

Sheet No: 2 Of -

"This certifies that this copy of this plat accurately depicts the boundary of the jurisdiction of section 404 of the Clean Water Act as determined by the undersigned on this date. Unless there is a change in the law or our published regulation, 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 1987 Corps of Engineers Wetlands Delineation Manual."

Regulatory Official: _____

Title _____

Date _____

USACE Action ID: _____

This survey is of an existing building or other structure, or natural feature, such as a watercourse.

Surveyor — September 18, 2012 Date

NORTH CAROLINA PROFESSIONAL SEAL L-4968 LAND SURVEYOR WILLIAM M. DIGIACOMO 9/18/12

SURVEY NOTES:
1) EXISTING WETLAND AND STREAM INFORMATION TAKEN FROM MAPS PREPARED BY SMITH & SMITH SURVEYORS DATED MAY 22, 2006 ENTITLED "WETLAND DELINEATION FOR OVER JORDAN, LLC".
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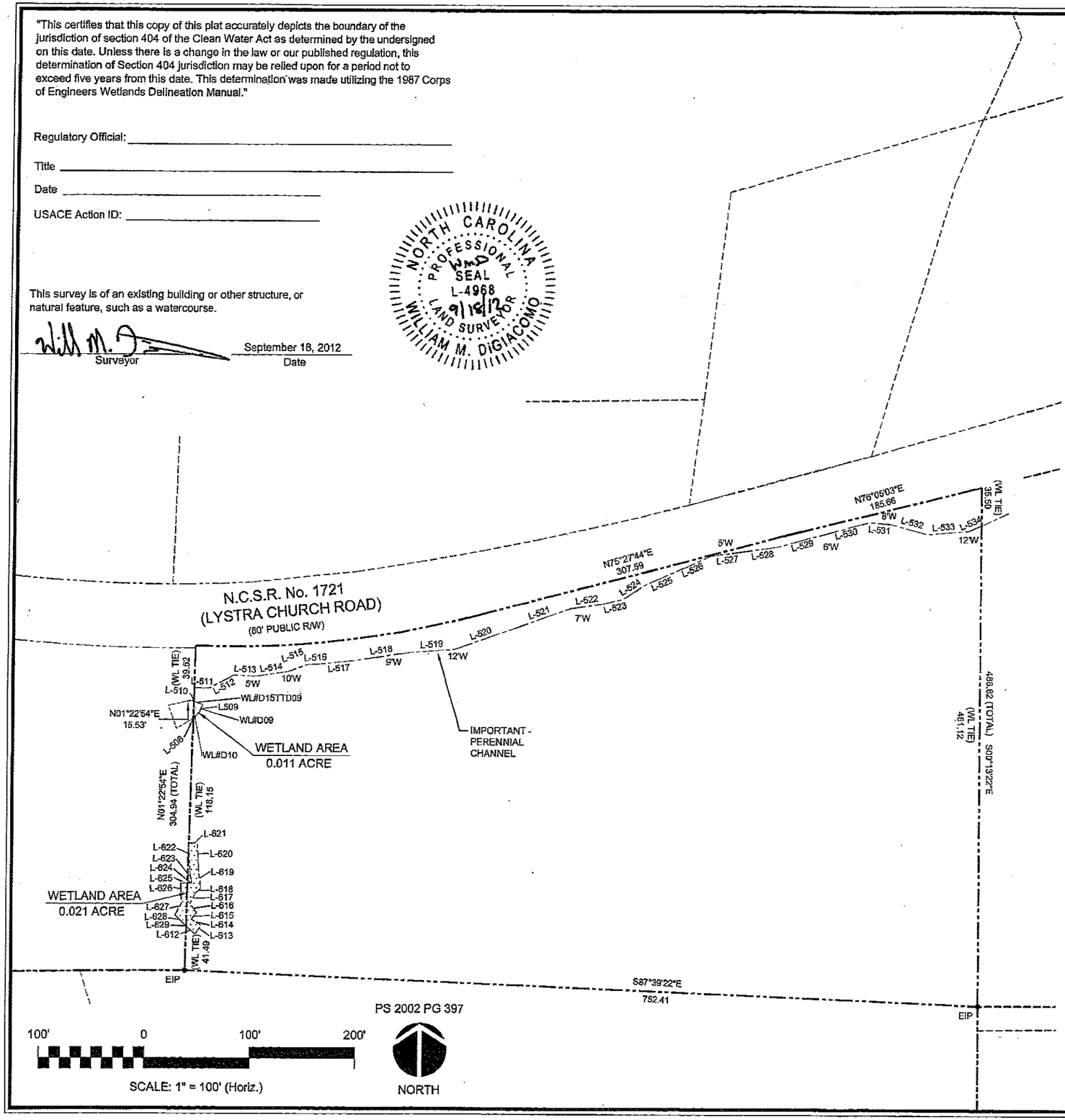
ABBREVIATION LEGEND

EIP	EXISTING IRON PIPE
IPF	IRON PIPE FOUND
C&T	CAP AND TACK
WL	WETLAND
PS	PLAT SLIDE
PG	PAGE
N/F	NOW OR FORMERLY

LEGEND
- RIGHT-OF-WAY
- CREEK CENTERLINE
- TIE LINES
- PROPERTY LINES
- LOT LINES
- STORM DRAIN
- WETLANDS
- RIP RAP



LINE TABLE

LINE	BEARING	LENGTH
L508	N49°59'36"E	7.04
L509	N25°53'37"E	8.44
L510	N68°33'13"W	9.35
L511	S89°05'28"E	19.74
L512	N61°40'38"E	26.09
L513	S87°40'16"E	21.58
L514	N82°02'29"E	30.54
L515	N69°18'00"E	19.56
L516	N86°28'46"E	15.95
L517	N84°10'14"E	28.49
L518	N81°30'41"E	53.61
L519	N86°02'19"E	41.65
L520	N70°38'52"E	57.29
L521	N70°21'09"E	58.82
L522	N81°45'55"E	32.72
L523	N76°22'06"E	17.10
L524	N56°27'52"E	24.30
L525	N67°18'07"E	29.73
L526	N65°56'39"E	38.80
L527	N82°13'54"E	33.01
L528	N81°52'50"E	33.07
L529	N74°45'44"E	43.25
L530	N74°47'37"E	44.79
L531	S85°40'31"E	19.21
L532	S74°58'45"E	36.83
L533	N85°24'33"E	38.95
L534	N65°57'57"E	13.13
L-612	S47°49'15"E	11.03
L-613	N38°06'38"E	10.00
L-614	N56°57'24"W	11.32
L-615	N35°14'09"E	7.86
L-616	N37°47'43"W	9.95
L-617	N23°59'59"E	10.12
L-618	N48°59'20"E	8.04
L-619	N06°24'36"W	16.04
L-620	N02°56'07"W	26.86
L-621	S87°03'53"W	8.00
L-622	S02°56'07"E	27.24
L-623	S08°24'36"E	9.79
L-624	S88°16'04"W	3.72
L-625	S88°16'04"W	6.33
L-626	S02°13'41"E	19.20
L-627	S28°31'42"W	12.28
L-628	S44°16'20"E	11.75
L-629	S47°49'15"E	3.06

CE GROUP
301 GLENWOOD AVE. 220
RALEIGH,NC 27603
PHONE: 919-367-8790
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www.cegroupinc.com
License # C-1739

REV	DATE

WETLAND DELINEATION FOR
WESTFALL ASSOCIATES, LLC
WILLIAMS TOWNSHIP
CHATHAM COUNTY
NORTH CAROLINA

Date: 08/24/2012
Scale: 1" = 100'
Drawn: CPM
Checked: AJF
Project No. 800-09
Computer Dwg. Name sht 03 wetlands

Sheet No: 3 Of -

SURVEY NOTES:

1) EXISTING WETLAND AND STREAM INFORMATION TAKEN FROM MAPS PREPARED BY SMITH & SMITH SURVEYORS DATED MAY 22, 2006 ENTITLED "WETLAND DELINEATION FOR OVER JORDAN, LLC".
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ABBREVIATION LEGEND

EIP	EXISTING IRON PIPE
IPF	IRON PIPE FOUND
C&T	CAP AND TACK
WL	WETLAND
PS	PLAT SLIDE
PG	PAGE
N/F	NOW OR FORMERLY

LEGEND

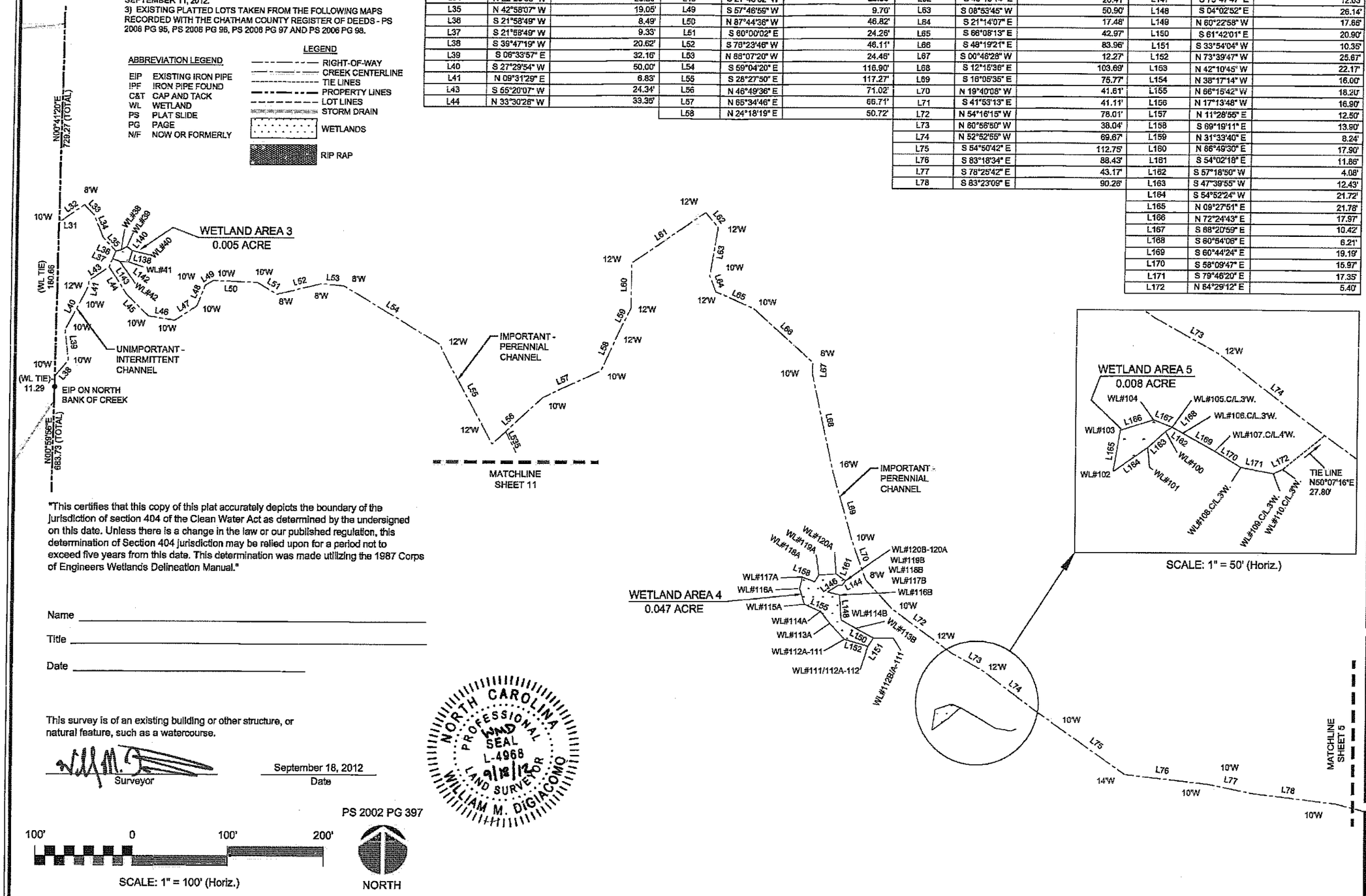
- RIGHT-OF-WAY
- CREEK CENTERLINE
- TIE LINES
- PROPERTY LINES
- LOT LINES
- STORM DRAIN
- WETLANDS
- RIP RAP

LINE TABLE		
LINE	BEARING	LENGTH
L31	N 88°57'29" W	2.30'
L32	S 54°38'50" W	28.55'
L33	N 44°07'42" W	14.76'
L34	N 22°26'56" W	25.26'
L35	N 42°58'07" W	19.05'
L36	S 21°58'49" W	8.49'
L37	S 21°58'49" W	9.33'
L38	S 39°47'19" W	20.62'
L39	S 06°33'57" E	32.16'
L40	S 27°29'54" W	50.00'
L41	N 09°31'29" E	6.83'
L43	S 55°20'07" W	24.34'
L44	N 33°30'26" W	33.35'

LINE TABLE		
LINE	BEARING	LENGTH
L45	N 45°26'25" W	32.13'
L46	N 80°44'17" W	27.61'
L47	S 57°18'58" W	27.75'
L48	S 21°43'52" W	22.95'
L49	S 57°46'58" W	9.70'
L50	N 87°44'36" W	46.82'
L51	S 60°00'02" E	24.26'
L52	S 78°23'46" W	46.11'
L53	N 86°07'20" W	24.46'
L54	S 59°04'20" E	116.90'
L55	S 28°27'50" E	117.27'
L56	N 46°49'36" E	71.02'
L57	N 65°34'46" E	66.71'
L58	N 24°18'19" E	50.72'

LINE TABLE		
LINE	BEARING	LENGTH
L59	N 27°09'50" E	20.83'
L60	N 00°00'10" E	46.97'
L61	N 55°45'55" E	93.76'
L62	S 40°16'14" E	20.41'
L63	S 08°53'45" W	50.90'
L64	S 21°14'07" E	17.48'
L65	S 66°08'13" E	42.97'
L66	S 48°19'21" E	83.96'
L67	S 00°46'28" W	12.27'
L68	S 12°15'36" E	103.69'
L69	S 16°05'35" E	75.77'
L70	N 19°40'08" W	41.61'
L71	S 41°53'13" E	41.11'
L72	N 54°16'15" W	78.01'
L73	N 80°56'50" W	38.04'
L74	N 52°52'55" W	69.67'
L75	S 54°50'42" E	112.75'
L76	S 83°18'34" E	88.43'
L77	S 78°25'42" E	43.17'
L78	S 83°23'09" E	90.28'

LINE TABLE		
LINE	BEARING	LENGTH
L144	S 38°49'35" W	6.29'
L145	N 88°09'10" W	4.20'
L146	S 56°40'07" W	12.31'
L147	S 75°47'47" E	12.63'
L148	S 04°02'52" E	26.14'
L149	N 60°22'58" W	17.66'
L150	S 61°42'01" E	20.90'
L151	S 33°54'04" W	10.35'
L152	N 73°39'47" W	25.87'
L153	N 42°10'45" W	22.17'
L154	N 38°17'14" W	16.00'
L155	N 66°15'42" W	18.20'
L156	N 17°13'48" W	16.90'
L157	N 11°28'55" E	12.50'
L158	S 69°19'11" E	13.90'
L159	N 31°33'40" E	8.24'
L160	N 86°49'30" E	17.90'
L161	S 54°02'18" E	11.86'
L162	S 57°18'50" W	4.08'
L163	S 47°39'55" W	12.43'
L164	S 54°52'24" W	21.72'
L165	N 09°27'51" E	21.78'
L166	N 72°24'43" E	17.97'
L167	S 88°20'59" E	10.42'
L168	S 60°54'06" E	6.21'
L169	S 60°44'24" E	19.19'
L170	S 58°09'47" E	15.97'
L171	S 79°46'20" E	17.35'
L172	N 64°29'12" E	5.40'



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Name _____

Title _____

Date _____

This survey is of an existing building or other structure, or natural feature, such as a watercourse.

Surveyor

September 18, 2012
Date

NORTH CAROLINA PROFESSIONAL SEAL L-4968 LAND SURVEYOR WILLIAM M. DIGIACOMO 9/18/12

PS 2002 PG 397

100' 0 100' 200'

SCALE: 1" = 100' (Horiz.)

NORTH

CE GROUP

301 GLENWOOD AVE. 220
RALEIGH,NC 27603
PHONE: 919-367-8790
FAX: 919-233-0032

www.cegroupinc.com

License # C-1739

REV	DATE

WETLAND DELINEATION FOR
WESTFALL ASSOCIATES, LLC
WILLIAMS TOWNSHIP
CHATHAM COUNTY
NORTH CAROLINA

Date:	08/24/2012
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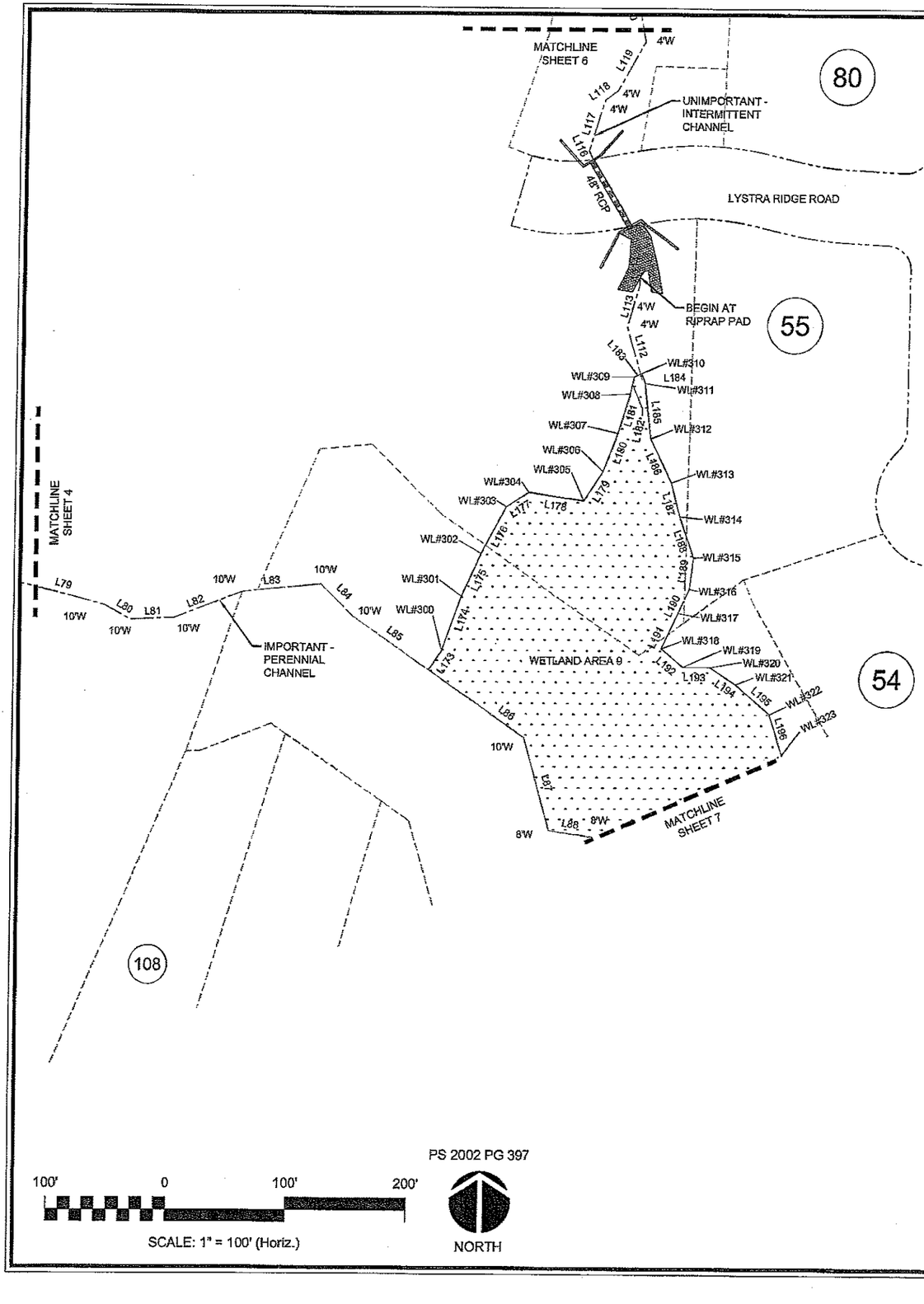
Sheet No: 4 Of -



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Regulatory Official: _____

Title _____

Date _____

USACE Action ID: _____

This survey is of an existing building or other structure, or natural feature, such as a watercourse.

Surveyor — September 18, 2012 Date

NORTH CAROLINA PROFESSIONAL SEAL L-4958 LAND SURVEYOR WILLIAM M. DIGIACOMO 10/3/12

SURVEY NOTES:

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ABBREVIATION LEGEND

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IPF	IRON PIPE FOUND
C&T	CAP AND TACK
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PS	PLAT SLIDE
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LEGEND

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- RIP RAP

LINE TABLE

LINE	BEARING	LENGTH
L173	S 34°33'11" W	18.98'
L174	N 19°08'41" E	47.46'
L175	N 23°30'52" E	38.34'
L176	N 28°12'08" E	43.57'
L177	N 57°03'44" E	21.92'
L178	S 81°37'25" E	46.70'
L179	N 32°30'55" E	28.54'
L180	N 20°01'34" E	33.26'
L181	N 16°58'55" E	33.83'
L182	N 12°10'01" E	14.50'
L183	N 66°02'40" E	6.58'
L184	S 20°02'55" E	8.46'
L185	S 06°46'44" E	45.73'
L186	S 26°14'12" E	40.04'
L187	S 15°59'32" E	28.85'
L188	S 19°56'59" E	35.75'
L189	S 06°52'59" W	25.93'
L190	S 25°19'03" W	21.69'
L191	S 25°04'39" W	32.09'
L192	S 50°55'31" E	23.76'
L193	S 89°29'40" E	22.78'
L194	S 56°18'00" E	25.18'
L195	S 49°38'40" E	37.50'
L196	S 18°08'48" E	35.18'
L79	S 75°40'24" E	81.40'
L80	S 60°18'40" E	24.05'
L81	N 87°16'00" E	37.35'
L82	N 68°55'08" E	60.13'
L83	N 84°17'15" E	64.80'
L84	S 45°41'39" E	37.48'
L85	S 55°26'49" E	76.69'
L86	S 55°26'49" E	97.57'
L87	S 16°37'22" E	79.47'
L88	S 81°37'18" E	35.79'
L112	N 16°54'42" W	45.58'
L113	N 15°36'39" E	35.32'
L114	N 02°58'18" E	6.67'
L116	N 25°29'21" W	8.58'
L117	N 16°47'13" E	43.62'
L118	N 52°48'11" E	12.35'
L119	N 28°45'45" E	46.44'

CE GROUP
301 GLENWOOD AVE. 220
RALEIGH, NC 27603
PHONE: 919-367-8790
FAX: 919-233-0032
www.cegroupinc.com
License # C-1739

REV	DATE
1	10/03/2012

WETLAND DELINEATION FOR WESTFALL ASSOCIATES, LLC
WILLIAMS TOWNSHIP
CHATHAM COUNTY
NORTH CAROLINA

Date: 08/24/2012
Scale: 1" = 100'
Drawn: CPM
Checked: AJF
Project No. 800-09
Computer Dwg. Name sht 05 wetlands

Sheet No: 5 Of -

LINE TABLE		
LINE	BEARING	LENGTH
L120	N 11°15'34" W	53.58'
L121	N 33°00'03" W	46.83'
L122	N 29°25'59" E	70.57'
L123	N 14°07'32" W	34.84'
L124	N 09°43'20" E	15.59'
L125	N 42°45'26" E	34.17'
L126	N 53°21'03" E	30.63'
L127	N 14°50'43" W	54.67'
L128	N 15°03'13" E	37.48'
L129	N 00°16'16" E	33.55'
L233	S 40°26'37" E	9.42'
L234	N 37°49'30" W	11.91'
L235	N 78°35'22" W	18.90'
L236	N 21°43'42" E	13.82'
L237	S 38°47'48" E	3.20'
L238	N 16°34'15" W	12.25'
L239	S 47°03'40" W	9.25'

SURVEY NOTES:

1) EXISTING WETLAND AND STREAM INFORMATION TAKEN FROM MAPS PREPARED BY SMITH & SMITH SURVEYORS DATED MAY 22, 2006 ENTITLED "WETLAND DELINEATION FOR OVER JORDAN, LLC".
2) NEW WETLAND AND STREAM SURVEY INFORMATION HAS BEEN TIED TO BOUNDARY INFORMATION PROVIDED BY SMITH AND SMITH SURVEYORS, AND SURVEYED BY CE GROUP, INC. FROM AUGUST 6 TO SEPTEMBER 11, 2012.
3) EXISTING PLATTED LOTS TAKEN FROM THE FOLLOWING MAPS RECORDED WITH THE CHATHAM COUNTY REGISTER OF DEEDS - PS 2006 PG 95, PS 2006 PG 96, PS 2006 PG 97 AND PS 2006 PG 98.

ABBREVIATION LEGEND

EIP	EXISTING IRON PIPE
IPF	IRON PIPE FOUND
C&T	CAP AND TACK
WL	WETLAND
PS	PLAT SLIDE
PG	PAGE
N/F	NOW OR FORMERLY

LEGEND

- RIGHT-OF-WAY
- CREEK CENTERLINE
- TIE LINES
- PROPERTY LINES
- LOT LINES
- STORM DRAIN
- WETLANDS
- RIP RAP

"This certifies that this copy of this plat accurately depicts the boundary of the jurisdiction of section 404 of the Clean Water Act as determined by the undersigned on this date. Unless there is a change in the law or our published regulation, 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 1987 Corps of Engineers Wetlands Delineation Manual."

Regulatory Official: _____

Title _____

Date _____

USACE Action ID: _____

This survey is of an existing building or other structure, or natural feature, such as a watercourse.

Surveyor — September 18, 2012 Date

NORTH CAROLINA PROFESSIONAL SEAL L-4968 LAND SURVEYOR WILLIAM M. DIGIACOMO 9/18/12

PS 2002 PG 397

100' 0 100' 200'

SCALE: 1" = 100' (Horiz.)

NORTH

START POINT OF UNIMPORTANT/INTERMITTENT CHANNEL REVISED FROM PREVIOUS SURVEY BY SMITH & SMITH PER ACOE FIELD CALL

L129 3'W
L128 6'W
L127 4'W
L126 4'W
L125 4'W
L124 4'W
L123 4'W
L122 5'W
L121 5'W
L120 4'W
L119 4'W
L118 4'W
L117 4'W

MATCHLINE SHEET 5

85 90 91 92 84 83 82 81 80 49 50

LEATHERWOOD LANE

WESTFALL WAY

CE GROUP
301 GLENWOOD AVE. 220
RALEIGH,NC 27603
PHONE: 919-367-8790
FAX: 919-233-0032
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License # C-1739

REV	DATE

WETLAND DELINEATION FOR
WESTFALL ASSOCIATES, LLC
WILLIAMS TOWNSHIP
CHATHAM COUNTY
NORTH CAROLINA

Date: 08/24/2012
Scale: 1" = 100'
Drawn: CPM
Checked: AJF
Project No. 800-09
Computer Dwg. Name sht 06 wetlands

Sheet No: 6 Of __

LINE TABLE		
LINE	BEARING	LENGTH
L197	S 03°24'42" E	35.21'
L198	S 26°58'01" E	24.20'
L199	S 47°15'39" E	59.33'
L200	S 61°51'12" E	48.83'
L201	S 31°50'11" E	30.51'
L202	S 59°46'32" E	47.64'
L203	N 74°04'16" E	25.98'
L204	S 84°29'53" E	61.47'
L205	N 66°26'35" E	39.49'
L206	N 38°19'14" E	34.37'
L207	N 83°51'35" E	38.41'
L208	N 51°44'33" E	29.77'
L209	N 72°45'54" E	34.45'
L210	N 54°34'22" E	22.91'
L211	S 88°10'01" E	42.13'
L212	S 69°12'13" E	27.01'
L213	N 52°42'53" E	11.52'
L214	S 73°47'23" E	28.42'
L215	N 75°10'12" E	41.65'
L216	S 88°08'55" E	35.05'
L217	S 65°12'42" E	29.93'
L218	S 49°38'21" E	24.06'
L219	S 22°44'32" E	37.20'
L220	S 34°34'08" E	36.00'
L221	S 42°22'25" E	34.01'
L222	S 29°36'18" E	39.01'
L243	S 80°02'55" W	26.08'
L244	S 89°52'56" W	20.60'
L245	N 18°26'14" W	18.30'
L246	N 41°44'45" W	43.02'

LINE TABLE		
LINE	BEARING	LENGTH
L247	N 77°55'30" W	30.38'
L248	N 73°39'45" W	21.56'
L249	N 66°15'26" W	34.85'
L250	S 55°18'02" W	15.80'
L251	S 63°49'17" W	16.56'
L252	N 83°46'18" W	25.58'
L253	S 66°28'26" W	15.13'
L254	S 73°38'15" W	17.70'
L255	S 40°52'03" W	24.56'
L256	S 46°37'04" W	18.79'
L257	S 38°58'47" W	28.14'
L258	S 30°50'20" W	42.31'
L259	S 37°30'17" W	28.69'
L260	S 38°46'26" W	28.44'
L261	S 45°48'40" W	29.27'
L262	S 42°45'19" W	26.34'
L263	S 69°16'45" W	24.32'
L264	S 59°52'17" W	25.78'
L265	N 88°50'10" W	27.50'
L266	N 63°04'15" W	26.19'
L267	N 60°51'06" W	22.51'
L268	N 39°23'21" W	33.95'
L269	N 50°38'49" W	26.23'
L270	N 63°38'23" W	21.24'
L271	N 70°47'38" W	25.58'
L272	S 57°21'41" W	15.63'

LINE TABLE		
LINE	BEARING	LENGTH
L273	N 59°28'42" W	9.38'
L89	S 30°38'13" E	172.62'
L90	S 50°23'09" E	38.73'
L91	S 32°53'10" E	35.91'
L92	S 34°13'06" E	83.12'
L93	S 88°55'38" E	43.95'
L94	N 66°04'36" E	72.46'
L95	S 64°07'59" E	42.42'
L96	N 60°47'41" E	40.80'
L97	S 75°11'31" E	43.06'
L98	N 74°29'53" E	25.99'
L99	N 32°24'13" E	13.88'
L100	N 64°43'38" E	111.65'
L101	S 79°17'16" W	30.17'
L102	N 52°33'53" E	79.18'
L103	S 74°21'08" W	29.56'
L104	N 71°43'47" E	29.49'
L105	N 50°55'01" E	24.72'
L106	S 63°59'50" E	51.66'
L107	N 62°49'57" E	30.25'
L108	S 00°37'29" E	24.15'
L109	S 68°49'27" E	20.48'
L110	S 49°23'00" E	21.52'
L111	S 32°12'00" E	43.04'
L424	N 64°10'14" W	78.66'
L425	S 33°02'50" E	39.20'
L426	S 43°59'07" E	12.18'

LINE TABLE		
LINE	BEARING	LENGTH
L427	S 63°32'41" E	8.76'
L428	S 13°51'39" W	17.50'
L429	S 22°59'27" E	16.54'
L430	S 17°58'09" W	16.39'
L431	S 28°07'14" W	30.50'
L432	S 03°44'44" E	32.56'
L433	S 01°35'41" W	29.04'
L434	S 54°30'29" W	23.68'
L435	S 71°50'51" W	20.18'
L436	N 01°49'35" W	36.84'
L438	N 07°08'43" W	24.72'
L439	S 32°49'19" W	14.89'
L440	S 24°43'26" W	28.30'
L441	S 06°31'56" E	42.98'
L442	S 03°11'42" E	35.30'
L274	N 42°59'39" W	19.40'
L275	N 24°43'36" E	21.04'
L276	N 50°31'51" W	25.25'
L277	N 44°04'22" W	15.32'
L278	S 20°43'48" E	24.46'
L279	S 05°34'04" E	44.00'
L280	S 05°34'04" E	12.39'
L281	S 00°45'22" E	36.22'
L282	S 22°13'53" W	33.46'
L283	S 11°09'17" W	36.78'
L284	S 08°42'18" W	30.13'
L285	S 24°50'20" E	24.60'

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Regulatory Official: _____

Title _____

Date _____

USACE Action ID: _____

This survey is of an existing building or other structure, or natural feature, such as a watercourse.

Surveyor

September 18, 2012
Date

CE GROUP
301 GLENWOOD AVE. 220
RALEIGH, NC 27603
PHONE: 919-367-8790
FAX: 919-233-0032
www.cegroupinc.com
License # C-1739

REV	DATE

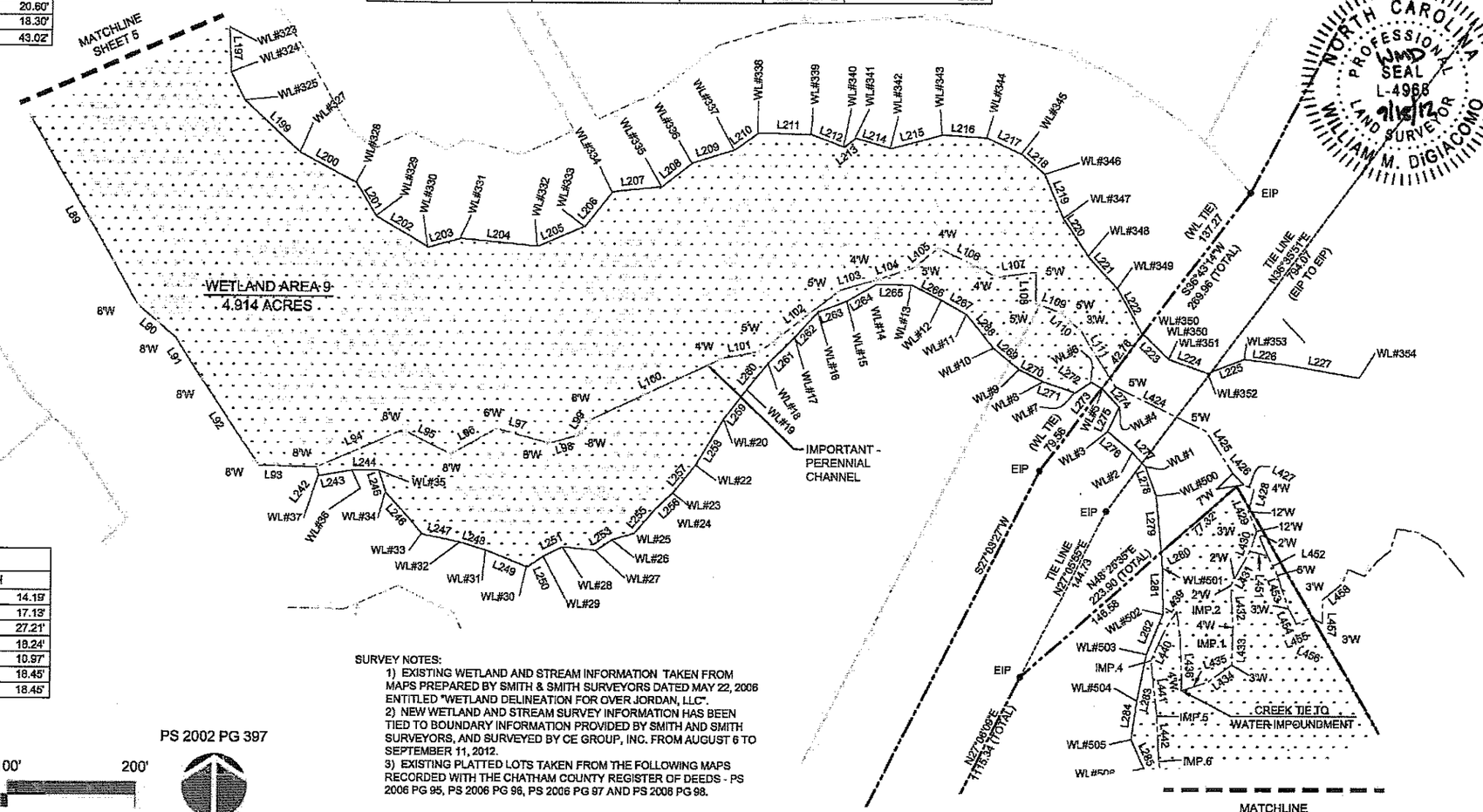
NORTH CAROLINA PROFESSIONAL SEAL L-4988 LAND SURVEYOR WILLIAM M. DiGIACOMO 9/18/12

ABBREVIATION LEGEND

EIP	EXISTING IRON PIPE
IPF	IRON PIPE FOUND
C&T	CAP AND TACK
WL	WETLAND
PS	PLAT SLIDE
PG	PAGE
N/F	NOW OR FORMERLY

LEGEND

- RIGHT-OF-WAY
- CREEK CENTERLINE
- TIE LINES
- PROPERTY LINES
- LOT LINES
- STORM DRAIN
- WETLANDS
- RIP RAP



LINE TABLE		
LINE	BEARING	LENGTH
L451	S 75°08'42" E	14.19'
L452	S 27°38'53" E	17.13'
L453	S 19°10'49" E	27.21'
L454	S 66°24'31" E	18.24'
L456	S 68°12'41" E	10.97'
L457	N 00°09'31" W	18.45'
L458	N 50°51'15" E	18.46'

100' 0 100' 200'

SCALE: 1" = 100' (Horiz.)

PS 2002 PG 397

NORTH

SURVEY NOTES:
1) EXISTING WETLAND AND STREAM INFORMATION TAKEN FROM MAPS PREPARED BY SMITH & SMITH SURVEYORS DATED MAY 22, 2006 ENTITLED "WETLAND DELINEATION FOR OVER JORDAN, LLC".
2) NEW WETLAND AND STREAM SURVEY INFORMATION HAS BEEN TIED TO BOUNDARY INFORMATION PROVIDED BY SMITH AND SMITH SURVEYORS, AND SURVEYED BY CE GROUP, INC. FROM AUGUST 6 TO SEPTEMBER 11, 2012.
3) EXISTING PLATTED LOTS TAKEN FROM THE FOLLOWING MAPS RECORDED WITH THE CHATHAM COUNTY REGISTER OF DEEDS - PS 2006 PG 95, PS 2006 PG 96, PS 2006 PG 97 AND PS 2008 PG 98.

WETLAND DELINEATION FOR
WESTFALL ASSOCIATES, LLC
WILLIAMS TOWNSHIP
CHATHAM COUNTY
NORTH CAROLINA

Date:	08/24/2012
Scale:	1" = 100'
Drawn:	CPM
Checked:	AJF
Project No.	800-09
Computer Dwg. Name	sht 07 wetlands

Sheet No: 7 Of -

SURVEY NOTES:

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ABBREVIATION LEGEND

EIP	EXISTING IRON PIPE
IPF	IRON PIPE FOUND
C&T	CAP AND TACK
WL	WETLAND
PS	PLAT SLIDE
PG	PAGE
N/F	NOW OR FORMERLY

LEGEND

- RIGHT-OF-WAY
- CREEK CENTERLINE
- TIE LINES
- PROPERTY LINES
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- RIP RAP

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Regulatory Official: _____

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Date _____

USACE Action ID: _____

This survey is of an existing building or other structure, or natural feature, such as a watercourse.

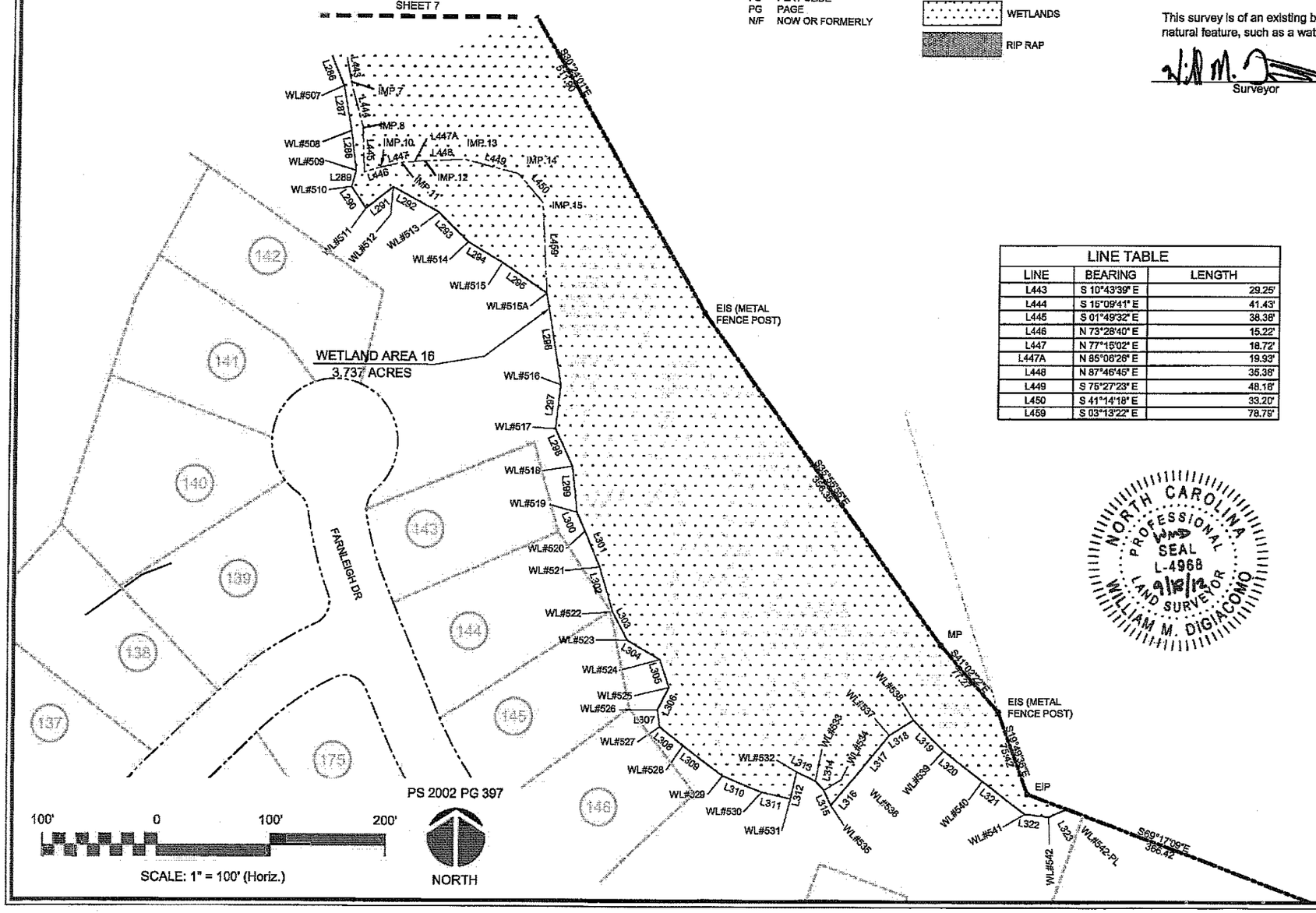
Surveyor

September 18, 2012
Date

CE GROUP
301 GLENWOOD AVE. 220
RALEIGH,NC 27603
PHONE: 919-367-8790
FAX: 919-233-0032
www.cegroupinc.com
License # C-1739

REV	DATE

MATCHLINE
SHEET 7



LINE TABLE

LINE	BEARING	LENGTH
L443	S 10°43'39" E	29.25'
L444	S 15°09'41" E	41.43'
L445	S 01°49'32" E	38.38'
L446	N 73°28'40" E	15.22'
L447	N 77°15'02" E	18.72'
L447A	N 85°06'26" E	19.93'
L448	N 87°46'45" E	35.38'
L449	S 75°27'23" E	48.18'
L450	S 41°14'18" E	33.20'
L459	S 03°13'22" E	78.79'

LINE TABLE

LINE	BEARING	LENGTH
L286	S 22°35'35" E	28.76'
L287	S 10°24'55" E	39.64'
L288	S 07°21'11" E	35.06'
L289	S 15°26'47" W	14.42'
L290	S 34°02'57" E	22.51'
L291	N 51°49'22" E	30.17'
L292	S 61°41'12" E	46.04'
L293	S 44°52'38" E	36.12'
L294	S 59°46'14" E	35.32'
L295	S 55°39'59" E	46.70'
L296	S 09°13'55" E	80.80'
L297	S 06°06'43" W	38.42'
L298	S 24°58'43" E	35.98'
L299	S 06°19'23" E	40.31'
L300	S 24°23'55" E	17.96'
L301	S 22°45'47" E	33.89'
L302	S 16°53'57" E	40.57'
L303	S 28°58'32" E	28.18'
L304	S 58°58'54" E	33.11'
L305	S 18°06'17" E	25.53'
L306	S 26°29'28" W	21.44'
L307	S 07°30'07" E	15.01'
L308	S 50°45'16" E	25.84'
L309	S 53°13'21" E	43.73'
L310	S 88°11'38" E	37.21'
L311	S 77°14'47" E	25.44'
L312	N 12°57'41" E	23.93'
L313	S 64°11'13" E	17.95'
L314	S 42°34'42" E	11.04'
L315	S 25°13'33" E	14.54'
L316	N 40°01'02" E	35.73'
L317	N 39°46'11" E	43.79'
L318	N 58°02'32" E	24.82'
L319	S 44°51'34" E	37.33'
L223	S 48°08'38" E	28.50'
L224	S 70°06'13" E	31.75'
L225	N 68°59'30" E	30.41'
L226	S 83°01'16" E	30.45'
L227	S 79°51'29" E	60.18'
L320	S 52°18'21" E	42.96'
L321	S 52°34'04" E	46.87'
L322	S 83°22'13" E	21.41'
L323	N 65°22'35" E	16.56'

NORTH CAROLINA PROFESSIONAL SEAL L-4968 LAND SURVEYOR WILLIAM M. DIGIACOMO 9/18/12

WETLAND DELINEATION FOR
WESTFALL ASSOCIATES, LLC
WILLIAMS TOWNSHIP
CHATHAM COUNTY
NORTH CAROLINA

Date: 08/24/2012
Scale: 1" = 100'
Drawn: CPM
Checked: AJF
Project No. 800-09
Computer Dwg. Name sht 08 wetlands

Sheet No: 8 Of -

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Name _____

Title _____

Date _____

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Surveyor

September 18, 2012
Date

NORTH CAROLINA PROFESSIONAL SEAL L-4968 LAND SURVEYOR WILLIAM M. DIGIACOMO 9/18/12

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ABBREVIATION LEGEND

EIP	EXISTING IRON PIPE
IPF	IRON PIPE FOUND
C&T	CAP AND TACK
WL	WETLAND
PS	PLAT SLIDE
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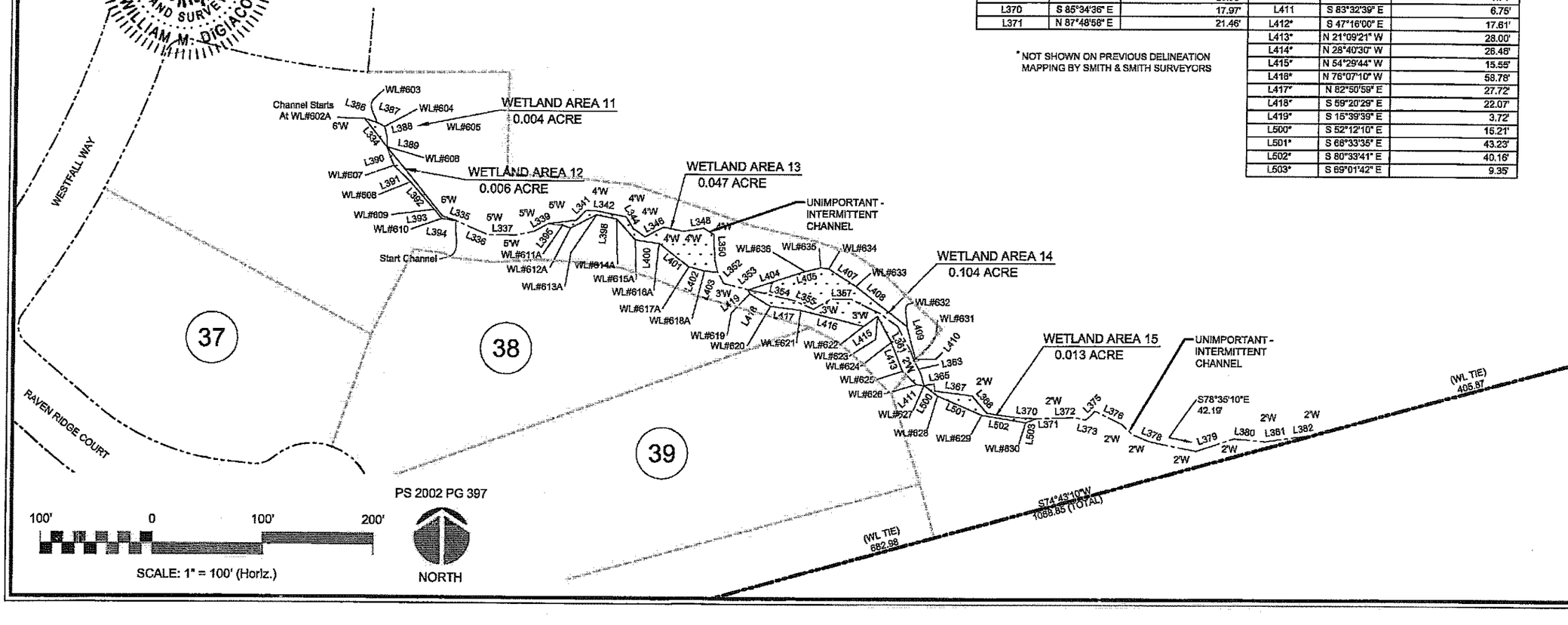
N/F	NOW OR FORMERLY

LEGEND

- RIGHT-OF-WAY
- CREEK CENTERLINE
- TIE LINES
- PROPERTY LINES
- LOT LINES
- STORM DRAIN
- WETLANDS
- RIP RAP

LINE TABLE			LINE TABLE		
LINE	BEARING	LENGTH	LINE	BEARING	LENGTH
L334	S 39°11'00" E	112.35'	L372	N 88°37'38" E	14.08'
L335	S 70°48'37" E	13.42'	L373	S 77°46'23" E	9.46'
L336	S 67°00'13" E	32.02'	L374	N 52°25'57" E	3.77'
L337	S 89°36'01" E	23.94'	L375	N 44°03'18" E	8.12'
L338	N 78°25'08" E	17.47'	L376	S 64°05'19" E	27.07'
L339	N 61°05'12" E	14.45'	L377	S 46°54'47" E	13.97'
L340	N 82°09'13" E	25.52'	L378	S 67°23'49" E	16.28'
L341	N 45°29'44" E	13.06'	L379	N 71°41'21" E	36.52'
L342	S 84°56'41" E	10.91'	L380	S 84°33'10" E	27.96'
L343	S 78°55'50" E	25.33'	L381	N 81°58'51" E	20.68'
L344	S 31°23'52" E	12.63'	L382	N 82°06'08" E	25.93'
L345	S 65°15'15" E	12.79'	L386	S 72°39'22" E	11.79'
L346	N 61°07'46" E	18.77'	L387	S 64°59'07" E	8.06'
L347	S 78°14'35" E	18.42'	L388	S 11°19'25" E	10.27'
L348	N 80°48'21" E	18.45'	L389	S 00°29'44" E	8.34'
L349	S 59°38'55" E	10.92'	L390	S 20°56'50" E	17.92'
L350	S 02°59'01" E	23.13'	L391	S 45°04'22" E	20.84'
L351	S 13°38'49" E	11.32'	L392	S 41°53'06" E	32.82'
L352	S 30°17'13" E	11.71'	L393	S 38°52'42" E	10.83'
L353	S 76°00'50" E	23.09'	L394	S 81°59'22" E	13.27'
L354	S 78°58'53" E	43.12'	L395	S 84°18'26" E	12.96'
L355	S 68°02'01" E	18.72'	L396	S 72°36'23" E	7.81'
L356	N 59°43'22" E	18.56'	L397	N 62°40'39" E	26.68'
L357	N 89°44'44" E	17.58'	L398	S 78°21'02" E	18.20'
L358	S 63°25'55" E	18.77'	L399	S 41°30'43" E	25.21'
L359	S 65°53'53" E	10.60'	L400	S 81°21'08" E	21.58'
L360	S 53°51'26" E	20.21'	L401	S 52°35'00" E	34.23'
L361	S 28°36'27" E	25.47'	L402	S 75°41'42" E	14.70'
L362	S 19°13'38" E	7.72'	L403	S 85°11'50" E	12.09'
L363	S 27°20'32" E	14.25'	L404	S 71°51'45" W	53.55'
L364	S 15°15'11" E	10.95'	L405	S 77°31'24" W	14.52'
L365	N 81°22'46" E	9.22'	L406	N 84°10'06" W	7.26'
L366	S 02°47'29" E	6.25'	L407	N 57°54'19" W	29.47'
L367	S 82°30'56" E	34.00'	L408	N 52°26'12" W	58.60'
L368	S 40°45'40" E	20.36'	L409	N 15°23'28" W	29.99'
L369	S 81°53'09" E	25.95'	L410	N 56°17'57" E	1.71'
L370	S 85°34'36" E	17.97'	L411	S 83°32'39" E	6.75'
L371	N 87°48'58" E	21.46'	L412*	S 47°16'00" E	17.61'
			L413*	N 21°09'21" W	28.00'
			L414*	N 28°40'30" W	26.46'
			L415*	N 54°29'44" W	15.55'
			L416*	N 76°07'10" W	58.78'
			L417*	N 82°50'59" E	27.72'
			L418*	S 59°20'29" E	22.07'
			L419*	S 15°39'39" E	3.72'
			L500*	S 52°12'10" E	15.21'
			L501*	S 68°33'35" E	43.23'
			L502*	S 80°33'41" E	40.16'
			L503*	S 69°01'42" E	9.35'

* NOT SHOWN ON PREVIOUS DELINEATION MAPPING BY SMITH & SMITH SURVEYORS



CE GROUP
301 GLENWOOD AVE. 220
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www.cegroupinc.com
License # C-1739

REV	DATE

WETLAND DELINEATION FOR
WESTFALL ASSOCIATES, LLC
WILLIAMS TOWNSHIP
CHATHAM COUNTY
NORTH CAROLINA

Date:	08/24/2012
Scale:	1" = 100'
Drawn:	CPM
Checked:	AJF
Project No.	800-09
Computer Dwg. Name	sht 09 wetlands

Sheet No: 9 Of -

"This certifies that this copy of this plat accurately depicts the boundary of the jurisdiction of section 404 of the Clean Water Act as determined by the undersigned on this date. Unless there is a change in the law or our published regulation, 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 1987 Corps of Engineers Wetlands Delineation Manual."

Regulatory Official: _____

Title _____

Date _____

USACE Action ID: _____

This survey is of an existing building or other structure, or natural feature, such as a watercourse.

Surveyor — September 18, 2012 Date

SURVEY NOTES:

1) EXISTING WETLAND AND STREAM INFORMATION TAKEN FROM MAPS PREPARED BY SMITH & SMITH SURVEYORS DATED MAY 22, 2006 ENTITLED "WETLAND DELINEATION FOR OVER JORDAN, LLC".
2) NEW WETLAND AND STREAM SURVEY INFORMATION HAS BEEN TIED TO BOUNDARY INFORMATION PROVIDED BY SMITH AND SMITH SURVEYORS. AND SURVEYED BY CE GROUP, INC. FROM AUGUST 6 TO SEPTEMBER 11, 2012.
3) EXISTING PLATTED LOTS TAKEN FROM THE FOLLOWING MAPS RECORDED WITH THE CHATHAM COUNTY REGISTER OF DEEDS - PS 2006 PG 95, PS 2006 PG 96, PS 2006 PG 97 AND PS 2006 PG 98.

NORTH CAROLINA PROFESSIONAL SEAL L-4968 LAND SURVEYOR WILLIAM M. DIGIACOMO 9/18/12

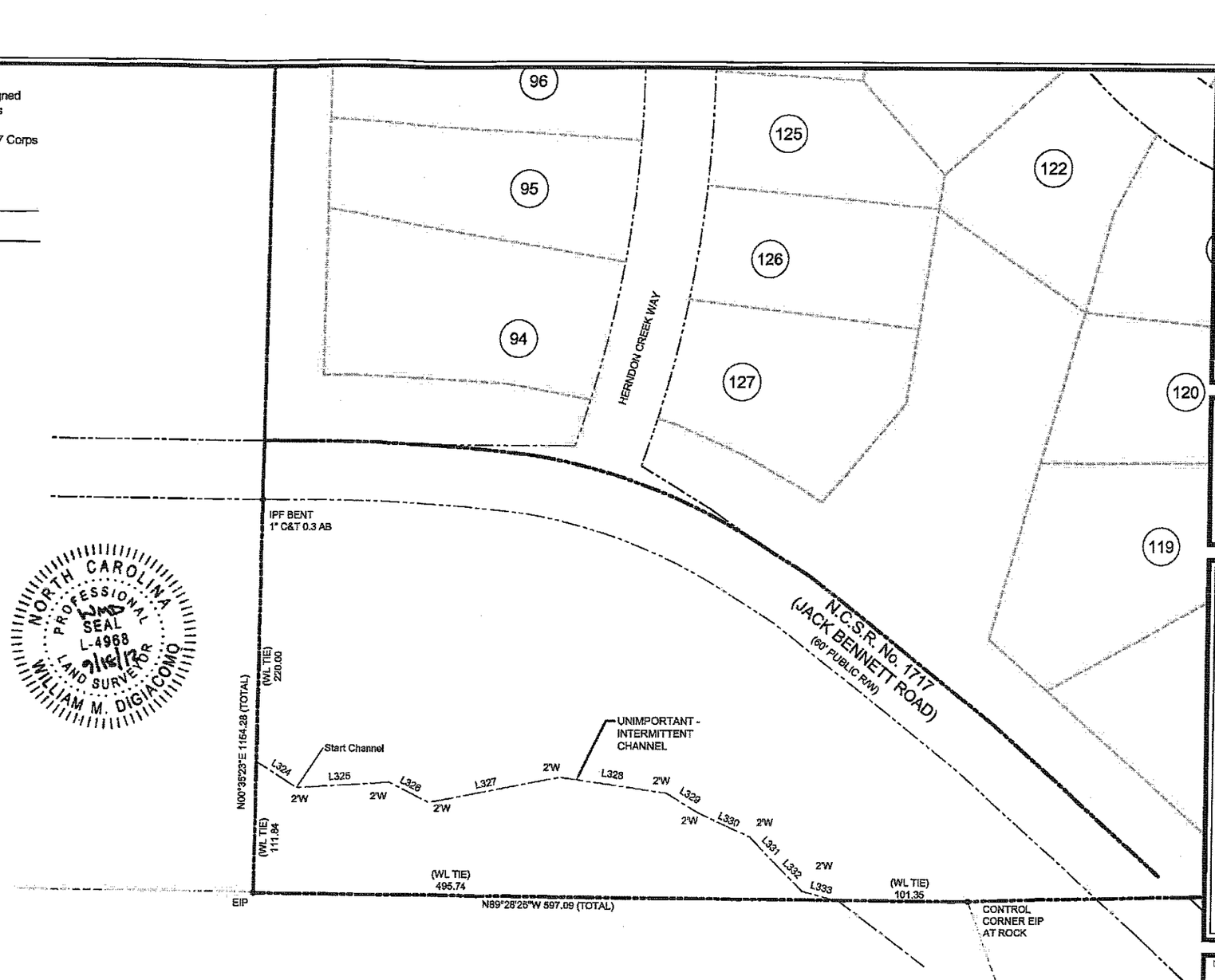
ABBREVIATION LEGEND

EIP	EXISTING IRON PIPE
IPF	IRON PIPE FOUND
C&T	CAP AND TACK
WL	WETLAND
PS	PLAT SLIDE
PG	PAGE
N/F	NOW OR FORMERLY

LEGEND

- RIGHT-OF-WAY
- CREEK CENTERLINE
- TIE LINES
- PROPERTY LINES
- LOT LINES
- STORM DRAIN
- WETLANDS
- RIP RAP

LINE TABLE		
LINE	BEARING	LENGTH
L324	S 58°11'51" E	41.67'
L325	N 86°21'20" E	78.66'
L326	S 63°20'33" E	38.17'
L327	N 78°53'32" E	113.54'
L328	S 81°47'50" E	91.77'
L329	S 58°36'00" E	33.84'
L330	S 65°22'47" E	46.65'
L331	S 44°20'43" E	48.50'
L332	S 44°23'58" E	16.21'
L333	S 74°23'25" E	28.60'



PS 2002 PG 397

100' 0 100' 200'

SCALE: 1" = 100' (Horiz.)

NORTH

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License # C-1739

REV	DATE

WETLAND DELINEATION FOR
WESTFALL ASSOCIATES, LLC
WILLIAMS TOWNSHIP
CHATHAM COUNTY
NORTH CAROLINA

Date: 09/24/2012
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Drawn: CFM
Checked: AJF
Project No. 800-09
Computer Dwg. Name sht 10 wetlands

Sheet No: 10 Of ___

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- STORM DRAIN
- WETLANDS
- RIP RAP

LINE TABLE		
LINE	BEARING	LENGTH
L535	S27°24'59"E	23.66
L536	S05°00'58"W	37.29
L537	S33°20'16"E	43.78
L538	S07°20'03"W	44.84
L539	S31°41'20"E	31.15
L540	S21°06'42"W	32.75
L541	S18°54'29"W	54.52
L542	S12°05'48"W	27.30
L543	S04°20'35"W	39.35
L544	S46°52'19"W	51.47
L545	S46°52'01"W	55.94
L546	S24°21'21"W	54.16
L547	S57°00'35"W	50.28
L548	S61°43'47"W	33.61
L549	N89°12'22"W	35.94
L550	S69°21'23"W	42.19
L551	N70°13'01"W	28.87
L552	S74°50'41"W	31.95
L553	N67°47'15"W	27.37
L554	N89°04'13"W	25.45
L555	S39°55'33"W	27.04
L556	S74°52'59"W	36.58
L557	S50°15'39"W	26.84
L558	S63°42'48"W	41.19
L559	S75°14'55"W	15.54
L560	S37°02'15"W	9.42

"This certifies that this copy of this plat accurately depicts the boundary of the jurisdiction of section 404 of the Clean Water Act as determined by the undersigned on this date. Unless there is a change in the law or our published regulation, 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 1987 Corps of Engineers Wetlands Delineation Manual."

Regulatory Official: _____

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Surveyor

September 18, 2012
Date

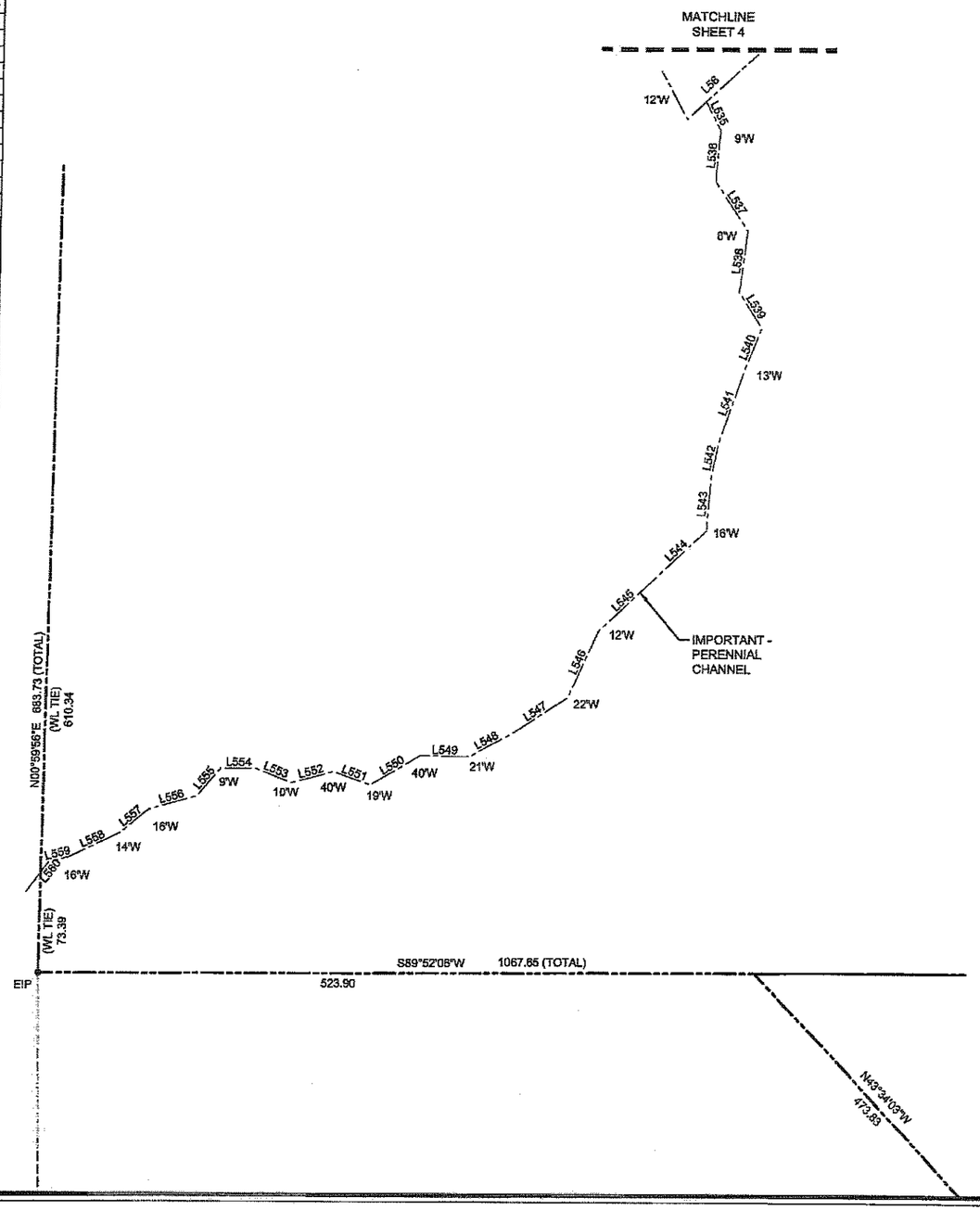
NORTH CAROLINA PROFESSIONAL SEAL L-4966 LAND SURVEYOR WILLIAM M. DIGIACOMO

PS 2002 PG 397

100' 0 100' 200'

SCALE: 1" = 100' (Horiz.)

NORTH



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