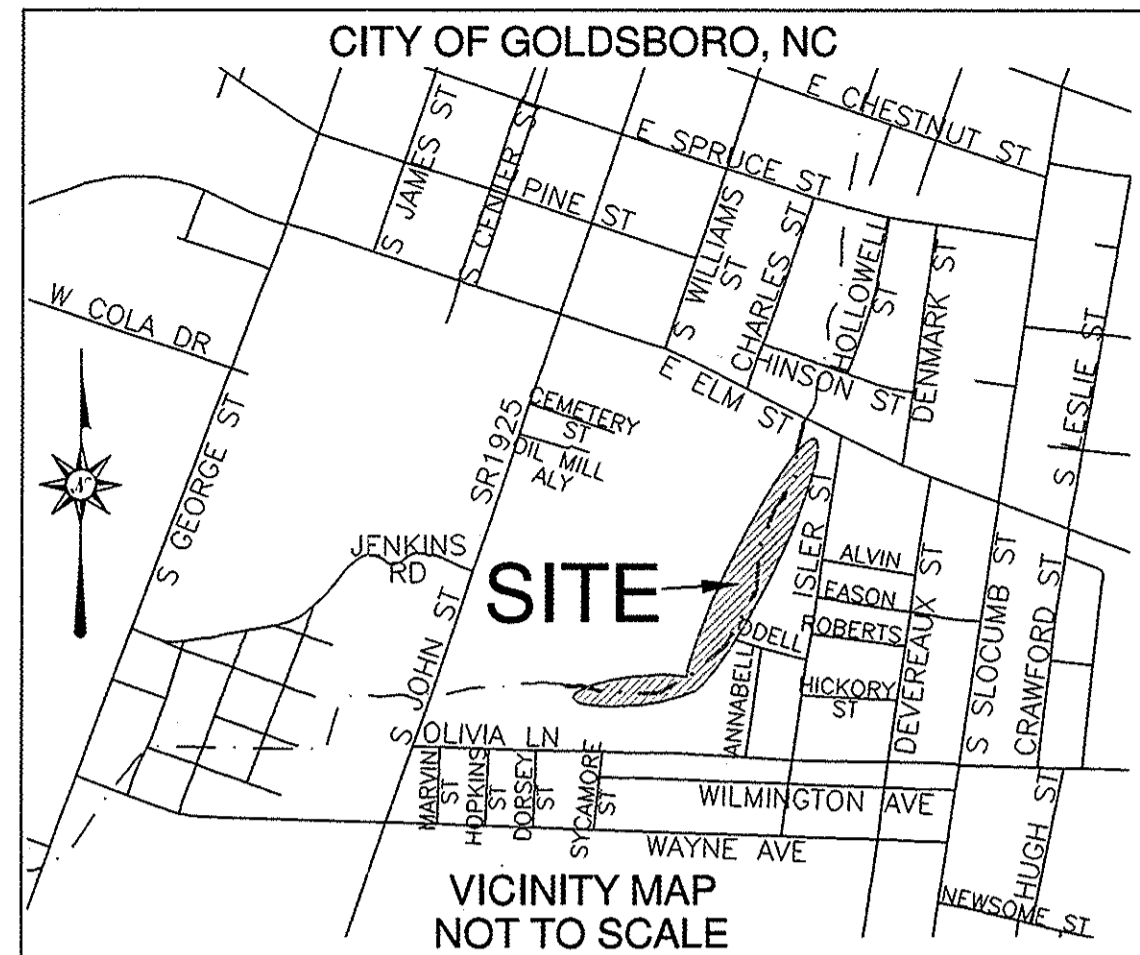


AS-BUILT SURVEY OF UT TO NEUSE (BIG DITCH) STREAM RESTORATION PROJECT WAYNE COUNTY, NC

SCO PROJECT NO. #090776201
EEP PROJECT ID #92682
DENR PROJECT ID #D090525



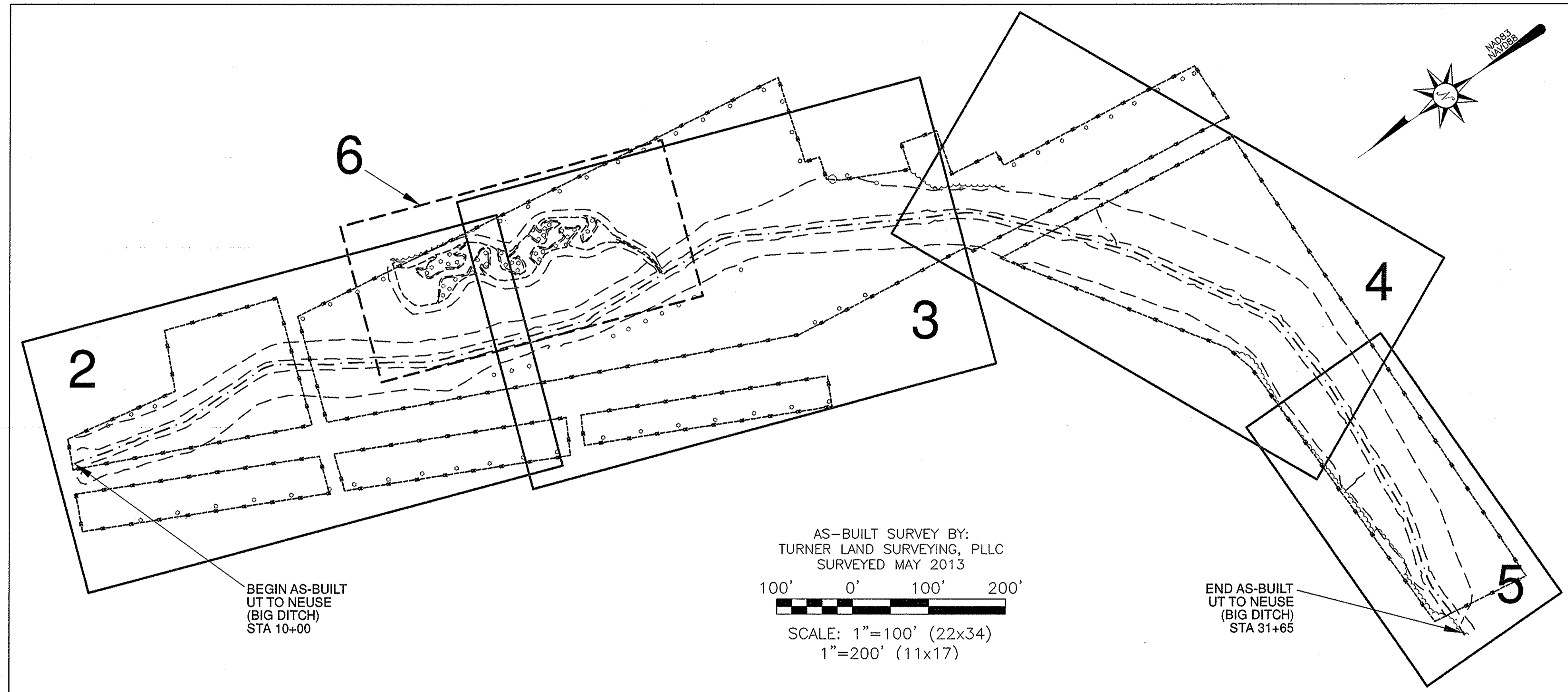
I, ELISABETH G. TURNER, AS A DULY REGISTERED PROFESSIONAL LAND SURVEYOR IN THE STATE OF NORTH CAROLINA, HEREBY CERTIFY THAT THE DATA SHOWN ON THIS DRAWING, WAS OBTAINED UNDER MY SUPERVISION, IS AN ACCURATE AND COMPLETE REPRESENTATION OF WHAT WAS CONSTRUCTED IN THE FIELD, AND THAT THE PHYSICAL DIMENSIONS OR ELEVATIONS SHOWN THERE ARE AS-BUILT CONDITIONS EXCEPT WHERE OTHERWISE NOTED HEREON. WITNESS MY ORIGINAL SIGNATURE, REGISTRATION NUMBER, AND SEAL THIS 6th DAY OF SEPTEMBER, 2013.

Elisabeth G. Turner
ELISABETH G. TURNER, P.L.S. #L-4440

I, ELISABETH G. TURNER, CERTIFY THAT THIS MAP WAS DRAWN UNDER MY SUPERVISION FROM AN ACTUAL GPS SURVEY MADE UNDER MY SUPERVISION AND THE FOLLOWING INFORMATION WAS USED TO PERFORM THE SURVEY:

- CLASS OF SURVEY: CLASS C
- POSITIONAL ACCURACY AT 95% CONFIDENCE LEVEL:
HORIZONTAL = 0.038 USFT, VERTICAL = 0.056 USFT
- TYPE OF GPS FIELD PROCEDURE: REAL-TIME KINEMATIC/VRS
- DATES OF SURVEY: APRIL 30 & MAY 15, 2013
- DATUM/EPOCH: NAD83 (2011)
- PUBLISHED/FIXED-CONTROL USE: EXISTING NAD83(2007) CONTROL POINT #2
NORTHING = 592300.10 USFT, EASTING = 2299662.30 USFT, ELEV = 79.44 USFT
- GEOID MODEL: GEOID 12
- COMBINED GRID FACTOR: 0.99987510
- UNITS: US FEET

Elisabeth G. Turner
ELISABETH G. TURNER, P.L.S. #L-4440



AS-BUILT SURVEY BY:
TURNER LAND SURVEYING, PLLC
SURVEYED MAY 2013

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

- #### GENERAL NOTES
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AS-BUILT CONTROL POINTS

PT.#	Northing(Y)	Easting(X)	Elev(Z)	Description
2	592300.10	2299662.30	79.44	CP(EIP/OPUS)
12	592628.84	2299741.70	78.35	TLS#12 NAIL
20	591913.17	2299544.32	81.60	TLS#20 NAIL
21	591788.95	2299031.07	76.27	TLS#21 NAIL

SHEET INDEX

- SHEET 1 - TITLE, VICINITY MAP, AND SHEET INDEX
- SHEET 2 - PLAN & PROFILE STA 10+00 TO 16+00
- SHEET 3 - PLAN & PROFILE STA 16+00 TO 22+00
- SHEET 4 - PLAN & PROFILE STA 22+00 TO 28+00
- SHEET 5 - PLAN & PROFILE STA 28+00 TO 31+65
- SHEET 6 - PLAN VIEW STORMWATER WETLAND

REFERENCES:

OWNER:
NORTH CAROLINA ECOSYSTEM
ENHANCEMENT PROGRAM
217 WEST JONES ST., SUITE 3000A
RALEIGH, NC 27603
(919)707-8976
EEP PROJ. MANAGER: JESSICA KEMP

CONTRACTOR:
CAROLINA ENVIRONMENTAL
CONTRACTING, INC.
MOUNT AIRY, NC
(336)320-3849

DESIGNER:
FLORENCE & HUTCHESON
CONSULTING ENGINEERS
RALEIGH, NC
(919)851-6066

REVISIONS, DATE, AND INITIAL:

TURNER LAND SURVEYING, PLLC
3201 Glenridge Drive, Raleigh, NC 27604 -- (919)875-1378
P-0702 -- Lturner921@aol.net -- Dturner119@aol.net
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NORTH CAROLINA

WAYNE COUNTY

AS-BUILT SURVEY OF
UT TO NEUSE (BIG DITCH)
STREAM RESTORATION PROJECT

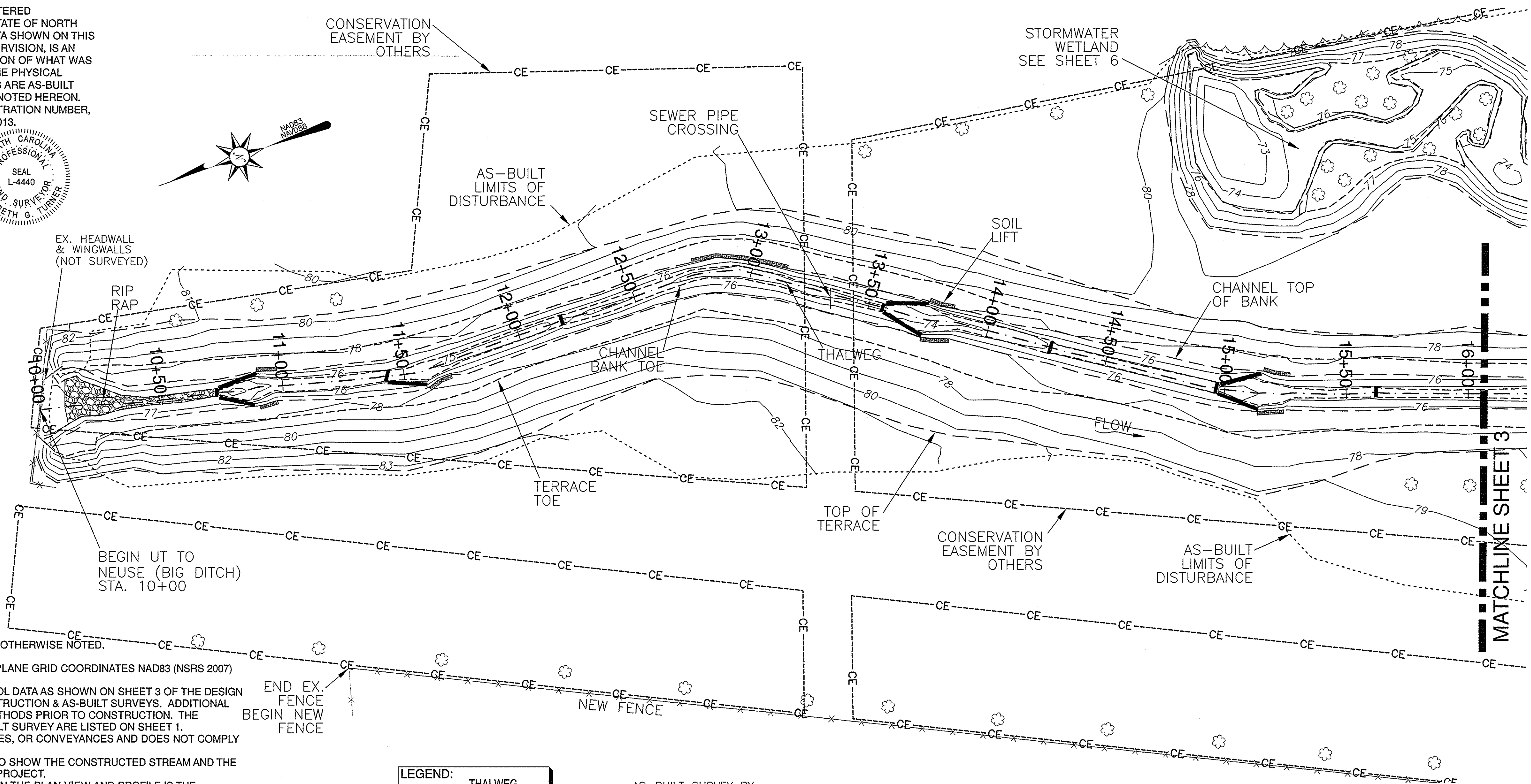
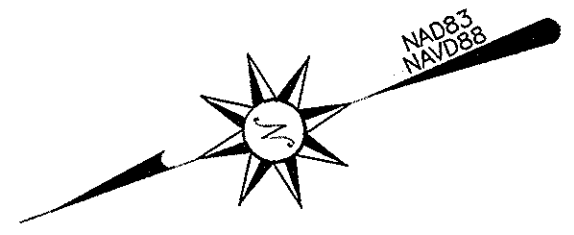
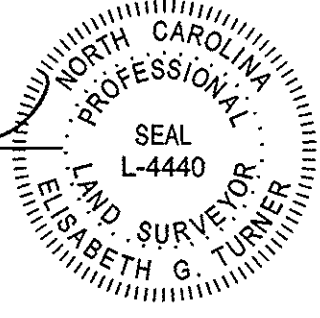
TITLE, VICINITY MAP, & SHEET INDEX

DATE: 05/29/13
SURVEYED BY: DST
DRAWN BY: DST/EGT
REVIEWED BY: DST/EGT
PROJECT: TLS-13-002
FILE: UT to Neuse BD
_92682_TLS_AB_F
SCALE: AS SHOWN

SHEET 1 of 6

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Elisabeth G. Turner
 ELISABETH G. TURNER, P.L.S. #L-4440



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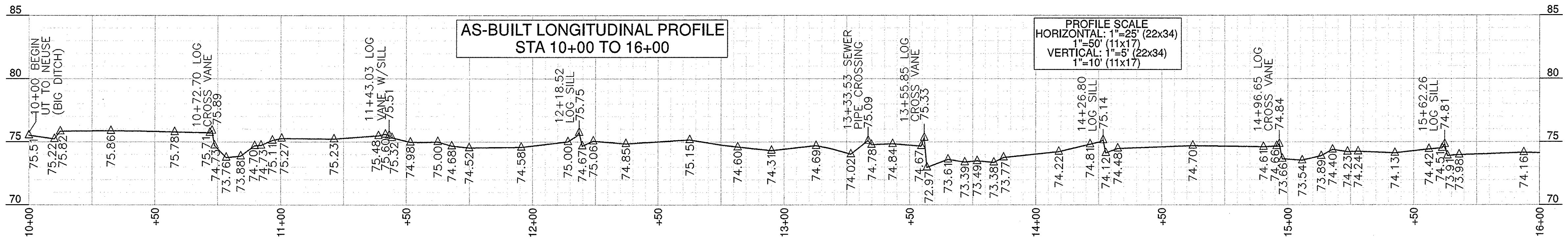
LEGEND:

--- (dashed line)	THALWEG
— (solid line)	TOP OF BANK
- - - (dashed line)	BANK TOE
· · · (dotted line)	AS-BUILT LOD
× × × (crosses)	FENCELINE
- - - (dashed line with 'CE')	CONSERVATION EASEMENT
■ (shaded area)	SOIL LIFT
☁ (cloud symbol)	PLANTED TREE
△ (triangle)	CONTROL POINT

AS-BUILT SURVEY BY:
 TURNER LAND SURVEYING, PLLC
 SURVEYED MAY 2013

25' 0' 25' 50'

SCALE: 1"=25' (22x34)
 1"=50' (11x17)
 CONTOUR INTERVAL = 1'



REVISIONS, DATE, AND INITIAL:

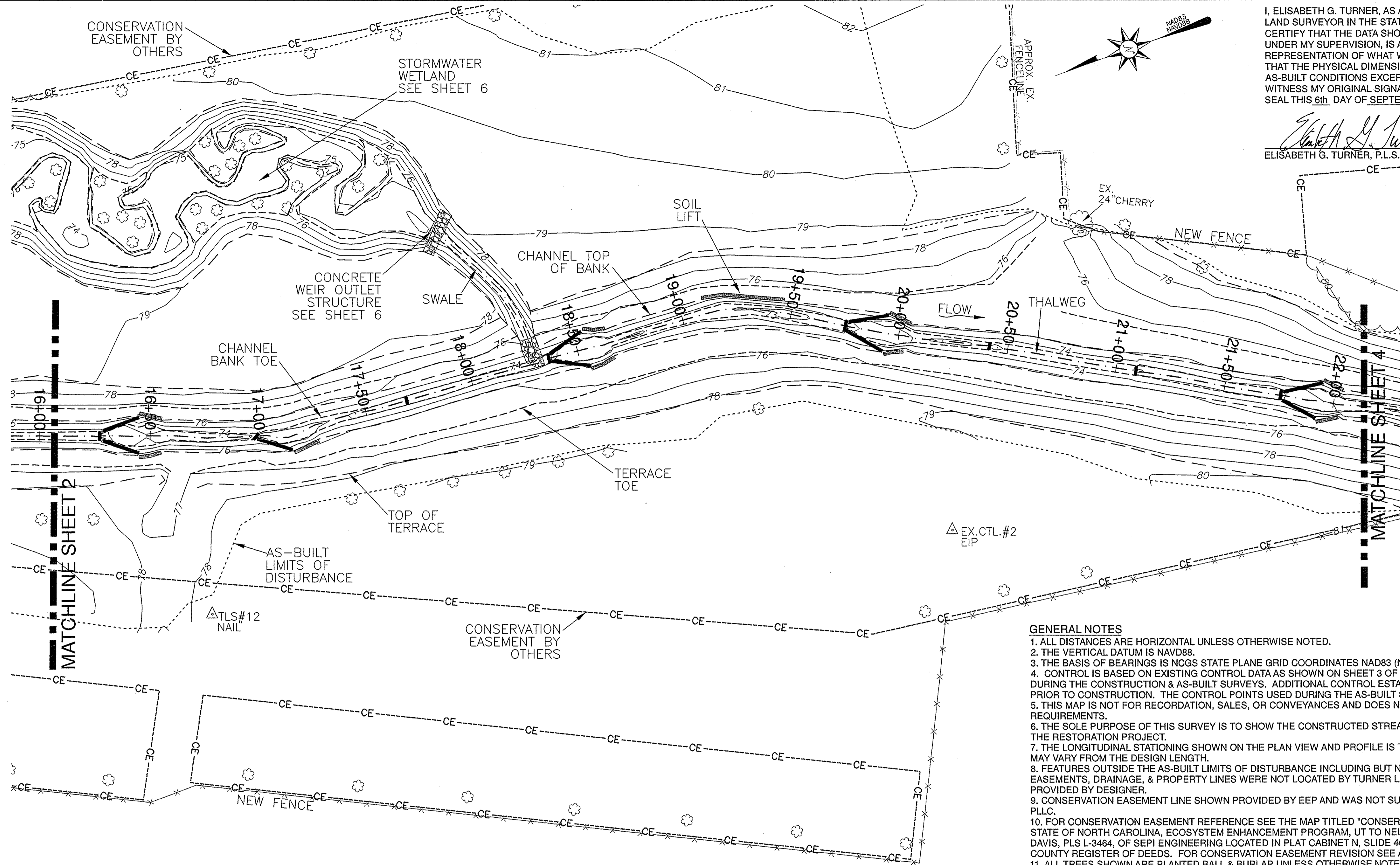
TURNER LAND SURVEYING, PLLC
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 P-0702 -- Turner021@att.net -- Dturner119@att.net
 www.TURNERLANDSURVEYING.com

PLAN & PROFILE STA 10+00 TO 16+00

AS-BUILT SURVEY OF
 UT TO NEUSE (BIG DITCH)
 STREAM RESTORATION PROJECT

WAYNE COUNTY
 GOLDSBORO
 NORTH CAROLINA

DATE:	05/29/13
SURVEYED BY:	DST
DRAWN BY:	DST/EGT
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PROJECT:	TLS-13-002
FILE:	UT to Neuse BD _92682_TLS_AB_F
SCALE:	AS SHOWN
SHEET	2 of 6



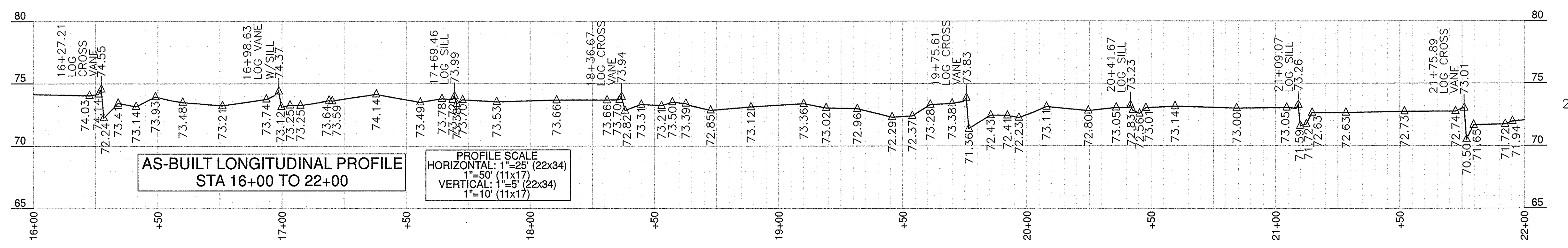
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Elisabeth G. Turner
 ELISABETH G. TURNER, P.L.S. #L-4440
 NORTH CAROLINA PROFESSIONAL LAND SURVEYOR
 SEAL L-4440
 ELISABETH G. TURNER

LEGEND:

- THALWEG
- - - TOP OF BANK
- - - BANK TOE
- - - AS-BUILT LOD
- - - FENCELINE
- - - CONSERVATION EASEMENT
- - - SOIL LIFT
- ☼ PLANTED TREE
- △ CONTROL POINT

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 P-0702 -- Lturner921@att.net -- Dturner119@att.net
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PLAN & PROFILE STA 16+00 TO 22+00

AS-BUILT SURVEY OF
 UT TO NEUSE (BIG DITCH)
 STREAM RESTORATION PROJECT

NORTH CAROLINA
 GOLDSBORO
 WAYNE COUNTY

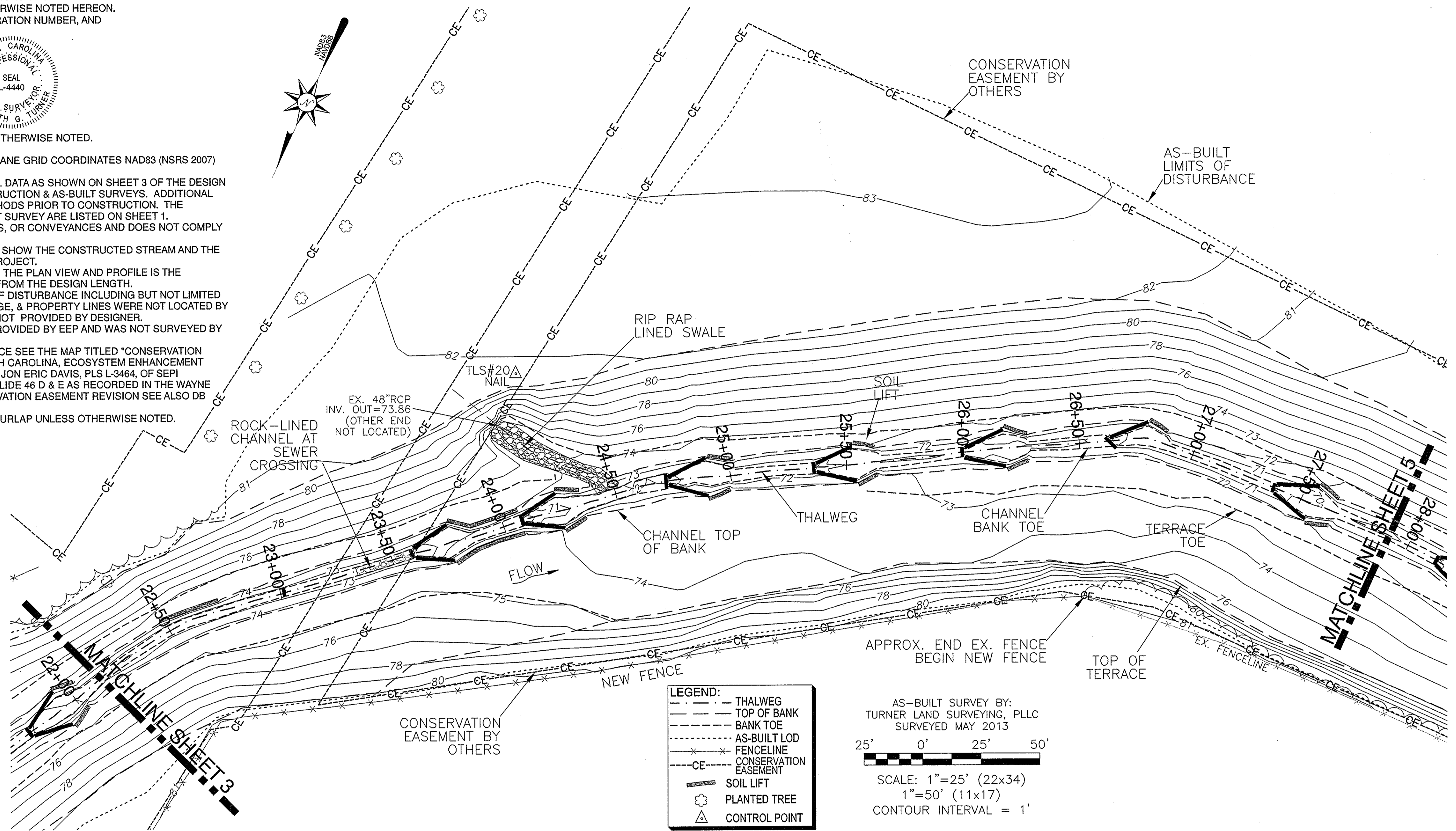
DATE:	05/29/13
SURVEYED BY:	DST
DRAWN BY:	DST/EGT
REVIEWED BY:	DST/EGT
PROJECT:	TLS-13-002
FILE:	UT to Neuse BD _92682_TLS_AB_F
SCALE:	AS SHOWN
SHEET	3 of 6

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 SEAL L-4440
 ELISABETH G. TURNER

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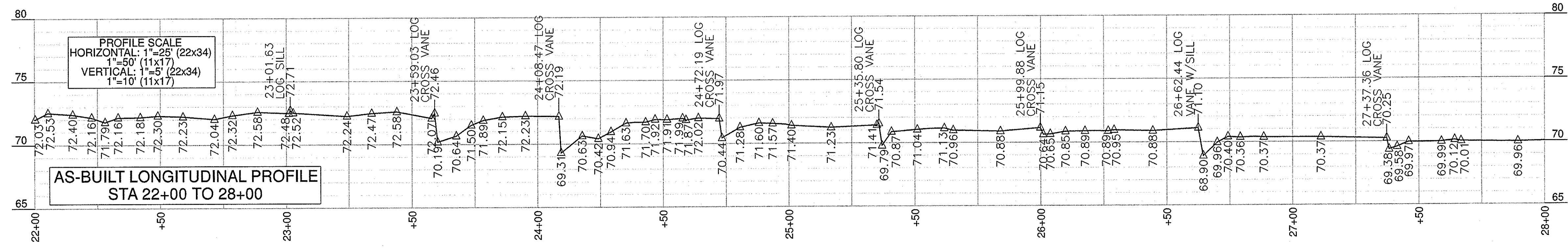
LEGEND:

- THALWEG
- - - TOP OF BANK
- - - BANK TOE
- - - AS-BUILT LOD
- - - FENCELINE
- - - CE CONSERVATION EASEMENT
- SOIL LIFT
- ⊗ PLANTED TREE
- △ CONTROL POINT

AS-BUILT SURVEY BY:
 TURNER LAND SURVEYING, PLLC
 SURVEYED MAY 2013

25' 0' 25' 50'

SCALE: 1"=25' (22x34)
 1"=50' (11x17)
 CONTOUR INTERVAL = 1'



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NORTH CAROLINA

PLAN & PROFILE STA 22+00 TO 28+00

AS-BUILT SURVEY OF
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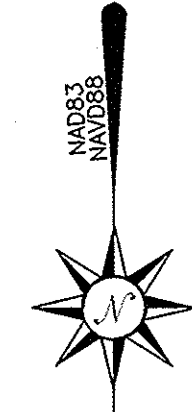
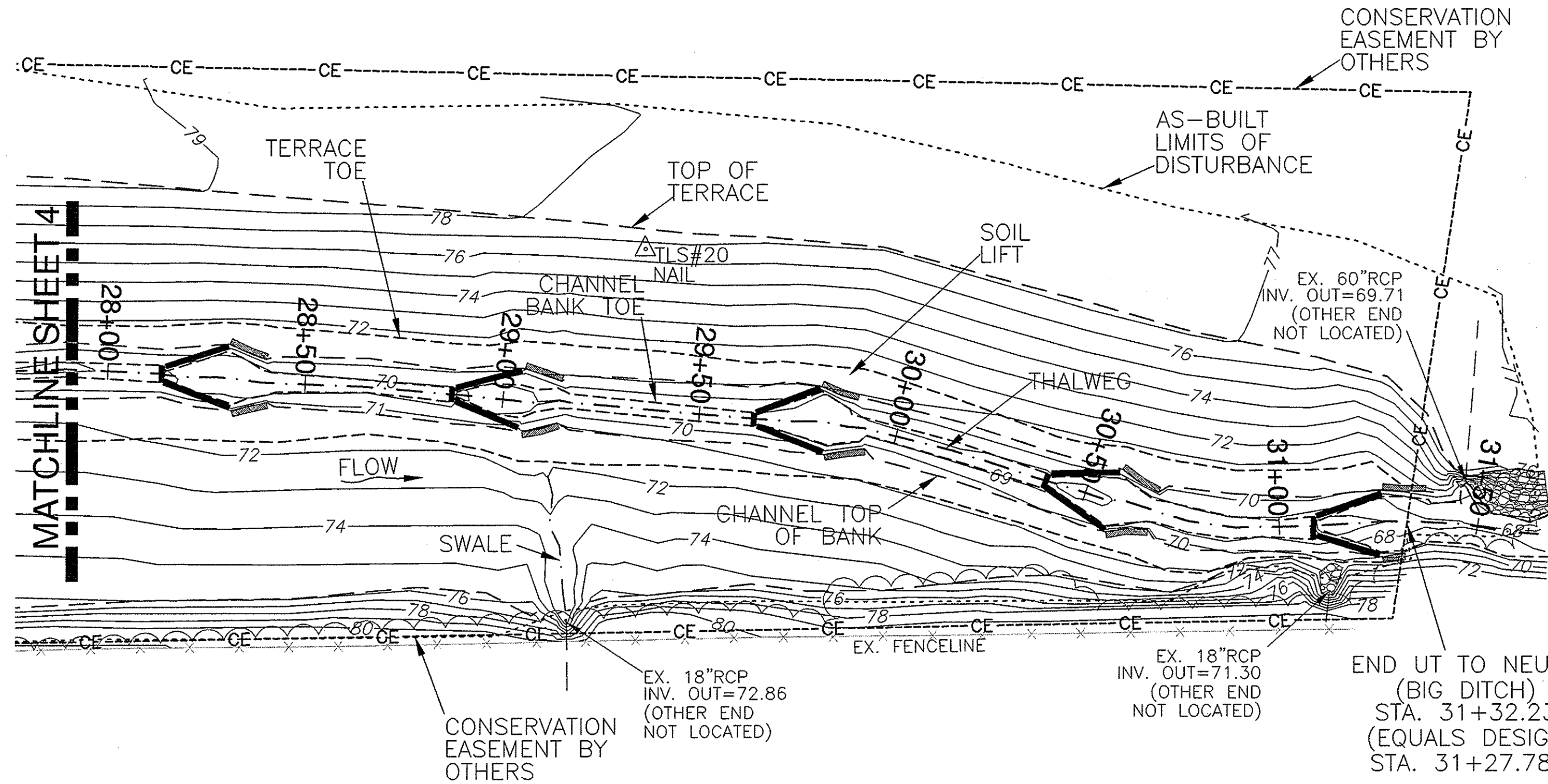
WAYNE COUNTY
 GOLDSBORO

DATE: 05/29/13
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 DRAWN BY: DST/EGT
 REVIEWED BY: DST/EGT
 PROJECT: TLS-13-002
 FILE: UT to Neuse BD _92682_TLS_AB_F
 SCALE: AS SHOWN

SHEET
4 of 6

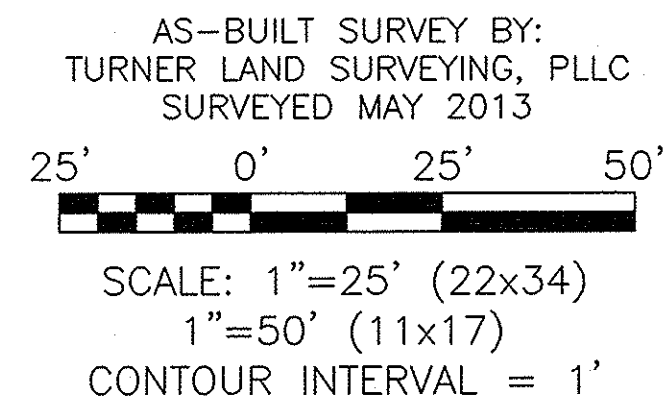
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Elisabeth G. Turner
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 SEAL L-4440 ELISABETH G. TURNER

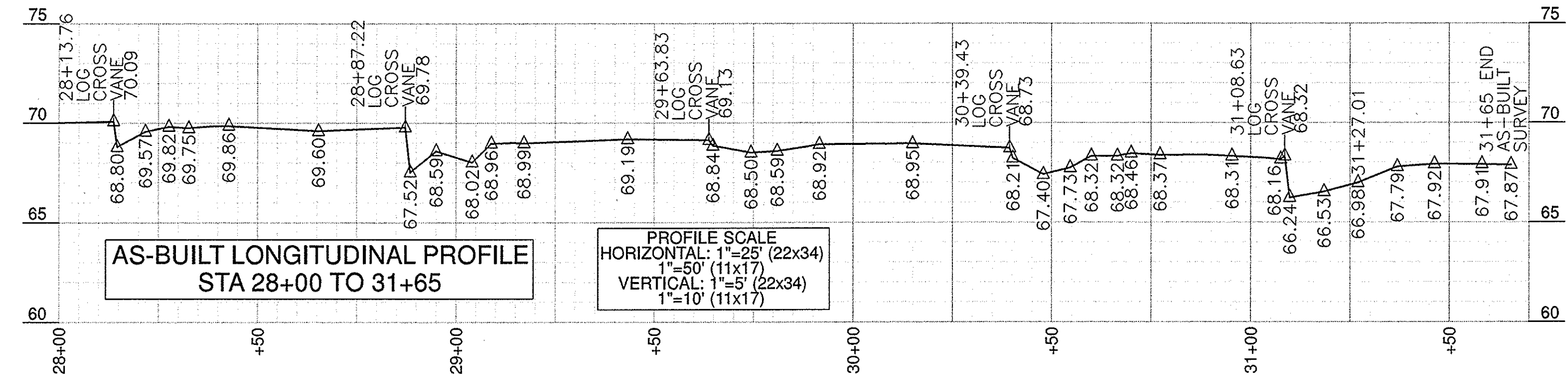


LEGEND:

- THALWEG
- - - TOP OF BANK
- - - BANK TOE
- - - AS-BUILT LOD
- x x x FENCELINE
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- SOIL LIFT
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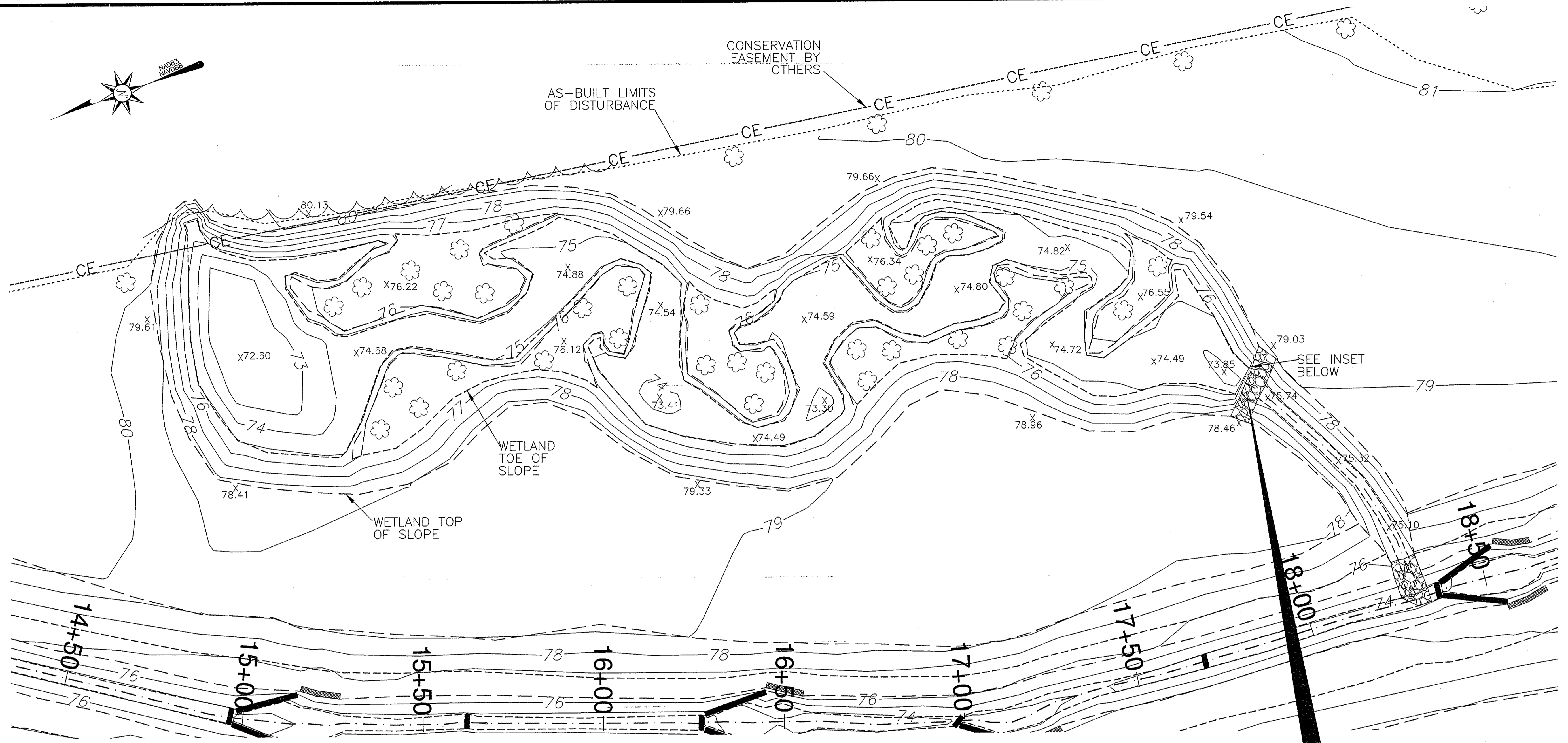
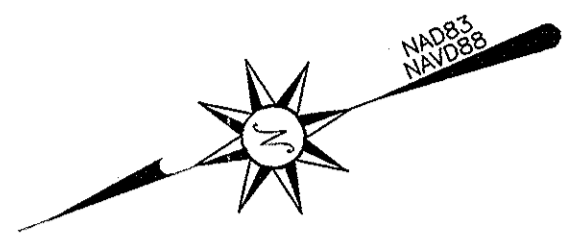
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PLAN & PROFILE STA 28+00 TO 31+65

AS-BUILT SURVEY OF
 UT TO NEUSE (BIG DITCH)
 STREAM RESTORATION PROJECT

WAYNE COUNTY
 GOLDSBORO
 NORTH CAROLINA

DATE:	05/29/13
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SCALE:	AS SHOWN



I, ELISABETH G. 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 6th DAY OF SEPTEMBER, 2013.

Elisabeth G. Turner
 ELISABETH G. TURNER, P.L.S. #L-4440
 NORTH CAROLINA PROFESSIONAL LAND SURVEYOR
 SEAL L-4440
 ELISABETH G. TURNER

LEGEND:

	THALWEG
	TOP OF BANK
	BANK TOE
	AS-BUILT LOD
	FENCELINE
	CONSERVATION EASEMENT
	PLANTED TREE

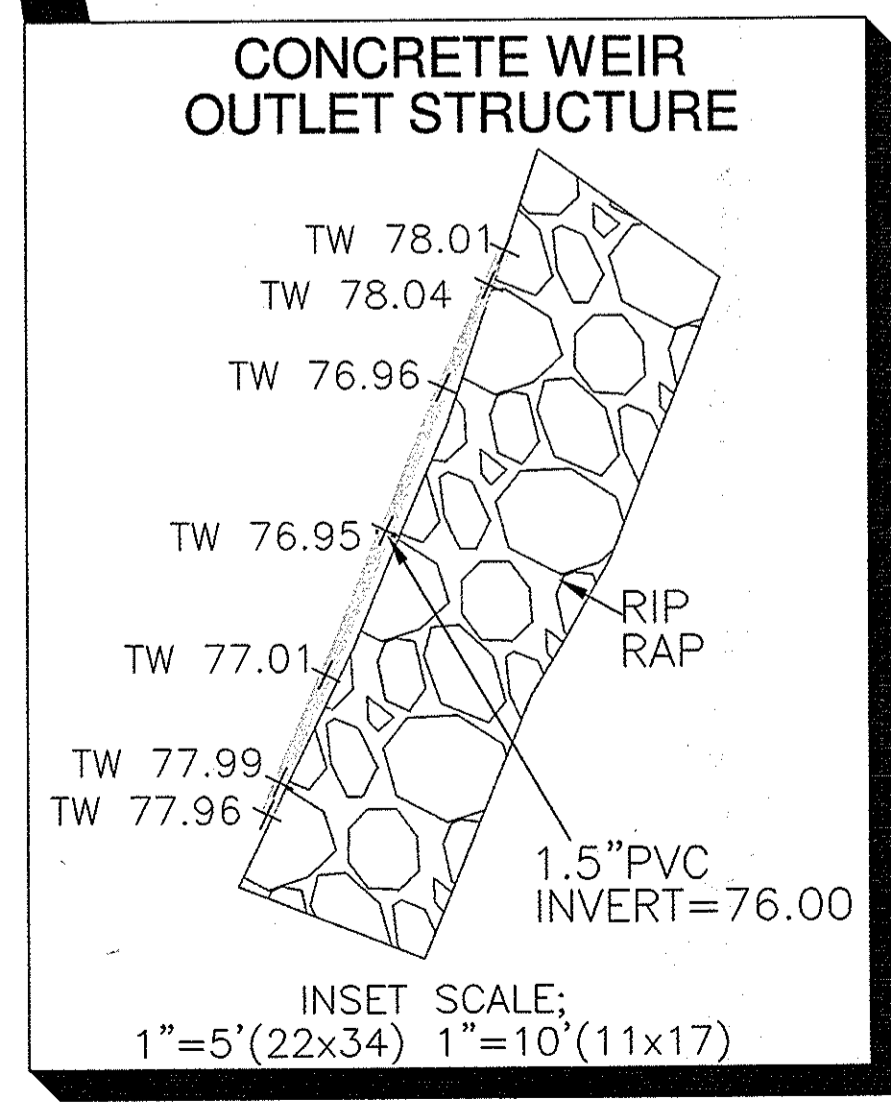
AS-BUILT SURVEY BY:
 TURNER LAND SURVEYING, PLLC
 SURVEYED MAY 2013

35' 0' 15' 30'

SCALE: 1"=15' (22x34)
 1"=30' (11x17)
 CONTOUR INTERVAL = 1'

GENERAL NOTES

1. ALL DISTANCES ARE HORIZONTAL UNLESS OTHERWISE NOTED.
2. THE VERTICAL DATUM IS NAVD88.
3. THE BASIS OF BEARINGS IS NCGS STATE PLANE GRID COORDINATES NAD83 (NSRS 2007) DATUM.
4. CONTROL IS BASED ON EXISTING CONTROL DATA AS SHOWN ON SHEET 3 OF THE DESIGN PLANS AND RECOVERED DURING THE CONSTRUCTION & AS-BUILT SURVEYS. ADDITIONAL CONTROL ESTABLISHED USING GPS/RTK METHODS PRIOR TO CONSTRUCTION. THE CONTROL POINTS USED DURING THE AS-BUILT SURVEY ARE LISTED ON SHEET 1.
5. THIS MAP IS NOT FOR RECORDATION, SALES, OR CONVEYANCES AND DOES NOT COMPLY WITH G.S. 47-30 MAPPING REQUIREMENTS.
6. THE SOLE PURPOSE OF THIS SURVEY IS TO SHOW THE CONSTRUCTED STREAM AND THE FEATURES RELATED TO THE RESTORATION PROJECT.
7. THE LONGITUDINAL STATIONING SHOWN ON THE PLAN VIEW AND PROFILE IS THE AS-BUILT SURVEY LENGTH WHICH MAY VARY FROM THE DESIGN LENGTH.
8. FEATURES OUTSIDE THE AS-BUILT LIMITS OF DISTURBANCE INCLUDING BUT NOT LIMITED TO EXISTING UTILITIES, EASEMENTS, DRAINAGE, & PROPERTY LINES WERE NOT LOCATED BY TURNER LAND SURVEYING, PLLC AND WERE NOT PROVIDED BY DESIGNER.
9. CONSERVATION EASEMENT LINE SHOWN PROVIDED BY EEP AND WAS NOT SURVEYED BY TURNER LAND SURVEYING, PLLC.
10. FOR CONSERVATION EASEMENT REFERENCE SEE THE MAP TITLED "CONSERVATION EASEMENT SURVEY FOR THE STATE OF NORTH CAROLINA, ECOSYSTEM ENHANCEMENT PROGRAM, UT TO NEUSE (THE BIG DITCH)" BY JON ERIC DAVIS, PLS L-3464, OF SEPI ENGINEERING LOCATED IN PLAT CABINET N, SLIDE 46 D & E AS RECORDED IN THE WAYNE COUNTY REGISTER OF DEEDS. FOR CONSERVATION EASEMENT REVISION SEE ALSO DB 2871, PAGE 720.
11. ALL TREES SHOWN ARE PLANTED BALL & BURLAP UNLESS OTHERWISE NOTED.



REVISIONS, DATE, AND INITIAL:

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TURNER LAND SURVEYING, PLLC

PLAN VIEW STORMWATER WETLAND

AS-BUILT SURVEY OF
 UT TO NEUSE (BIG DITCH)
 STREAM RESTORATION PROJECT

NORTH CAROLINA
 WAYNE COUNTY
 GOLDSBORO

DATE:	05/29/13
SURVEYED BY:	DST
DRAWN BY:	DST/EGT
REVIEWED BY:	DST/EGT
PROJECT:	TLS-13-002
FILE:	UT to Neuse BD _92682_TLS_AB_F
SCALE:	AS SHOWN
SHEET	6 of 6