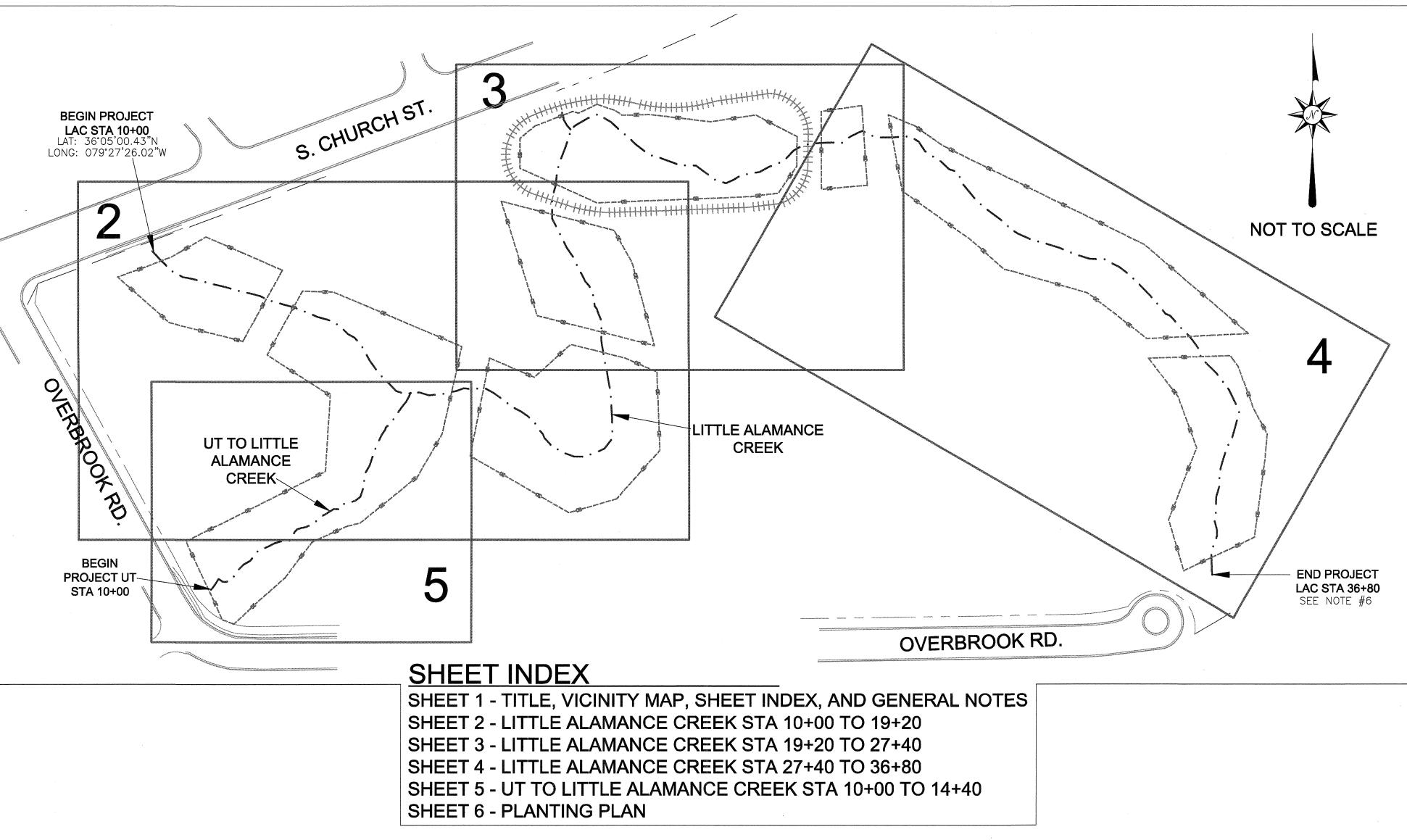


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## AS-BUILT SURVEY OF LITTLE ALAMANCE CREEK STREAM RESTORATION SCO# 060685501

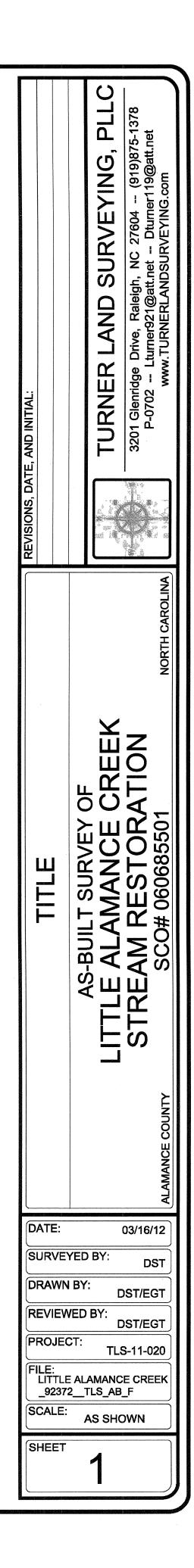
ALAMANCE COUNTY

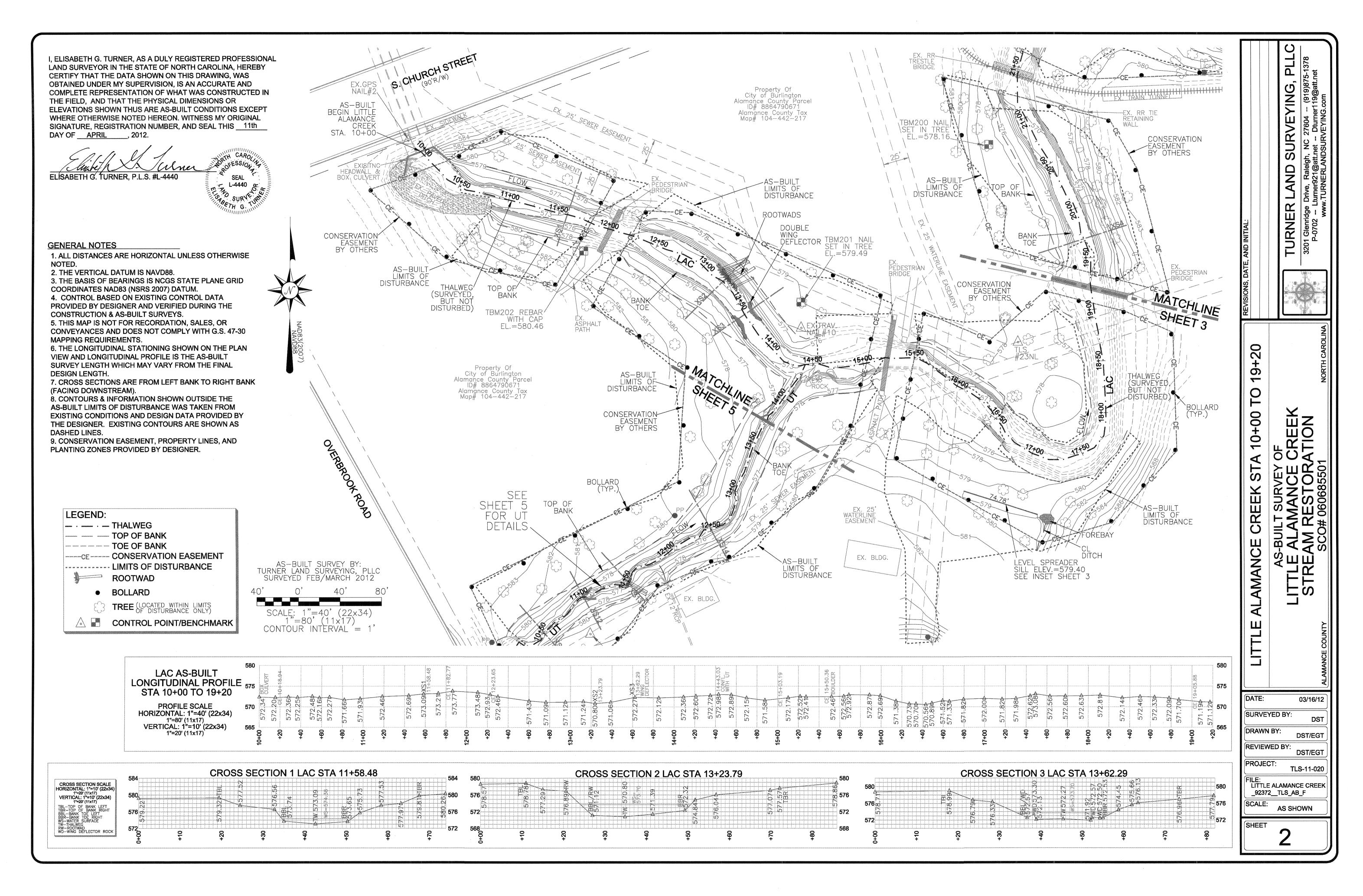
REFERENCES: OWNER: NORTH CAROLINA ECOSYSTEM ENHANCEMENT PROGRAM 1652 MAIL SERVICE CENTER RALEIGH, NC 27099-1652 (919)715-0476 EEP PROJ. MGR.: KRISTIE CORSON EEP REVIEW COORDINATOR: ED HAJNOS

<u>CONTRACTOR:</u> SHAMROCK ENVIRONMENTAL CORPORTATION BROWNS SUMMIT, NC (919)375-1989

DESIGNER: ARCADIS G & M OF NORTH CAROLINA RALEIGH, NC (919)854-1282

CONSERVATION EASEMENT REFERENCES: ALAMANCE CO. REGISTER OF DEEDS- D.B. 2795, PG. 535 & M.B. 73, PG. 122





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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 11th

ELISABETH G. TURNER, P.L.S. #L-4440 SEAL L-4440

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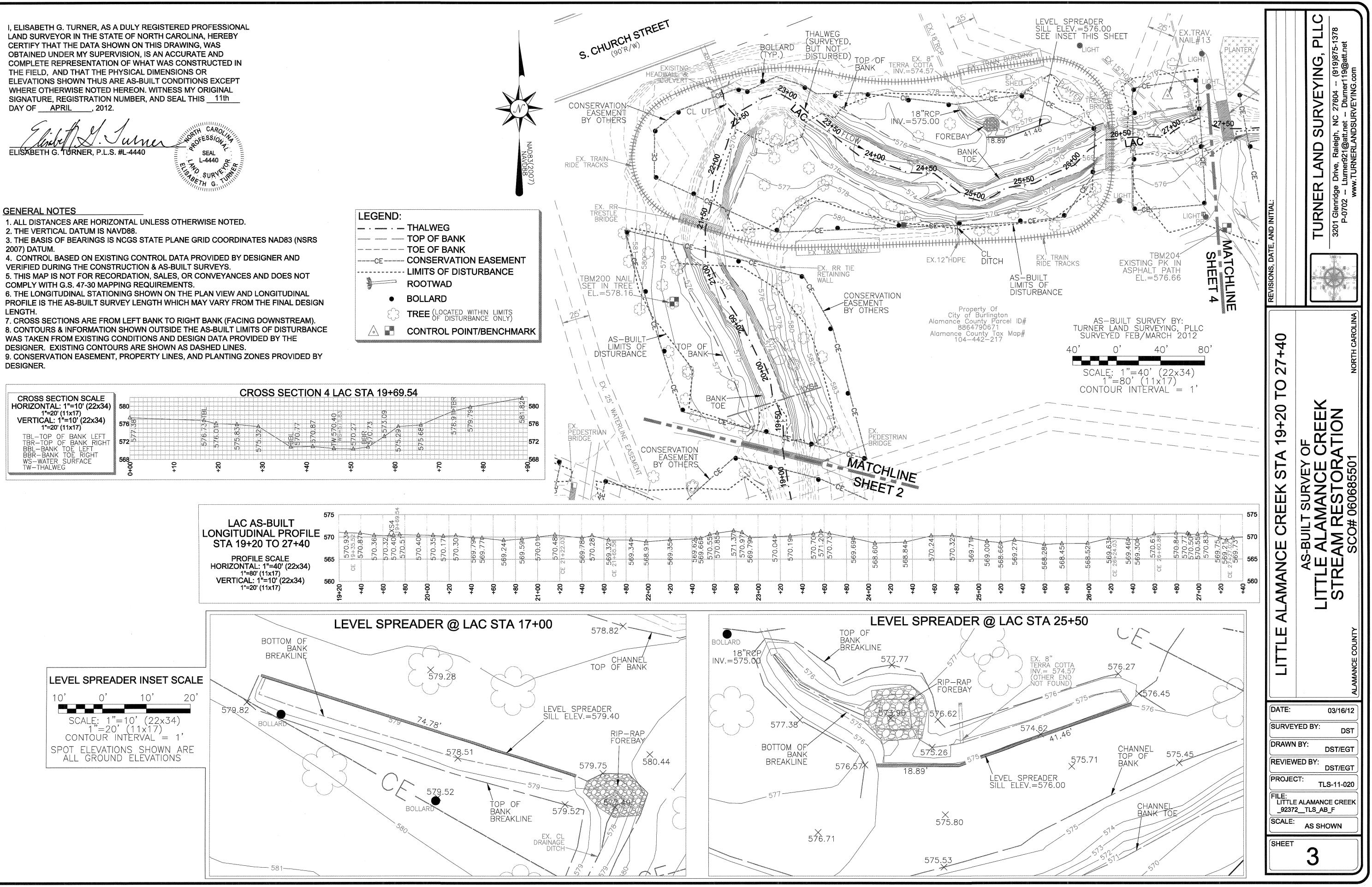
2007) DATUM.

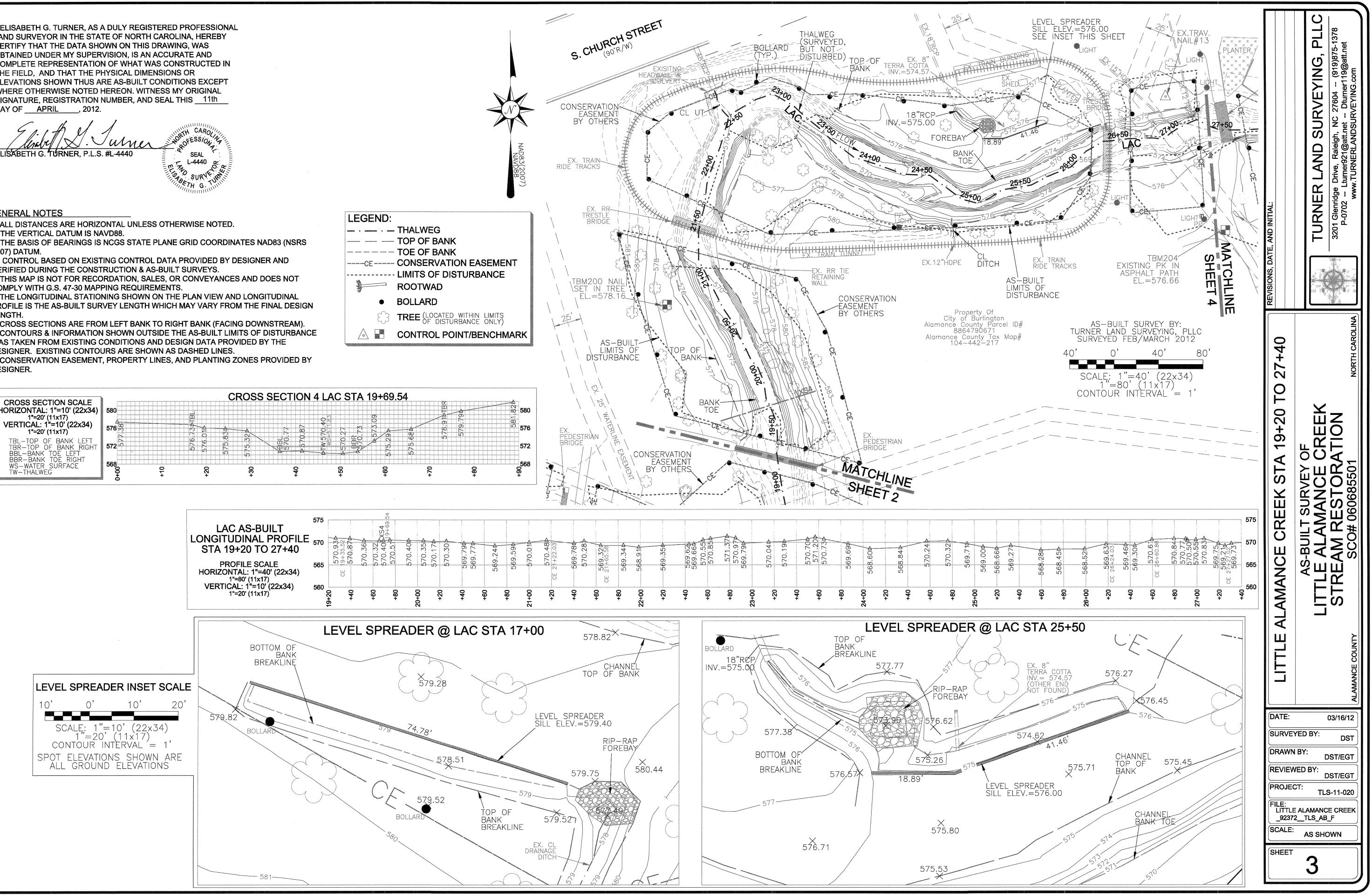
VERIFIED DURING THE CONSTRUCTION & AS-BUILT SURVEYS. 5. THIS MAP IS NOT FOR RECORDATION, SALES, OR CONVEYANCES AND DOES NOT COMPLY WITH G.S. 47-30 MAPPING REQUIREMENTS.

6. THE LONGITUDINAL STATIONING SHOWN ON THE PLAN VIEW AND LONGITUDINAL PROFILE IS THE AS-BUILT SURVEY LENGTH WHICH MAY VARY FROM THE FINAL DESIGN LENGTH.

8. CONTOURS & INFORMATION SHOWN OUTSIDE THE AS-BUILT LIMITS OF DISTURBANCE WAS TAKEN FROM EXISTING CONDITIONS AND DESIGN DATA PROVIDED BY THE DESIGNER. EXISTING CONTOURS ARE SHOWN AS DASHED LINES.

DESIGNER.





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 11th DAY OF APRIL , 2012.

TURNER, P.L.S. #L-4440 SEAL ELISABETH G. L-4440

## **GENERAL NOTES**

3. THE BASIS OF BEARINGS IS NCGS STATE PLANE GRID COORDINATES NAD83 (NSRS 2007) DATUM.

4. CONTROL BASED ON EXISTING CONTROL DATA PROVIDED BY **DESIGNER AND VERIFIED DURING THE CONSTRUCTION & AS-BUILT** SURVEYS.

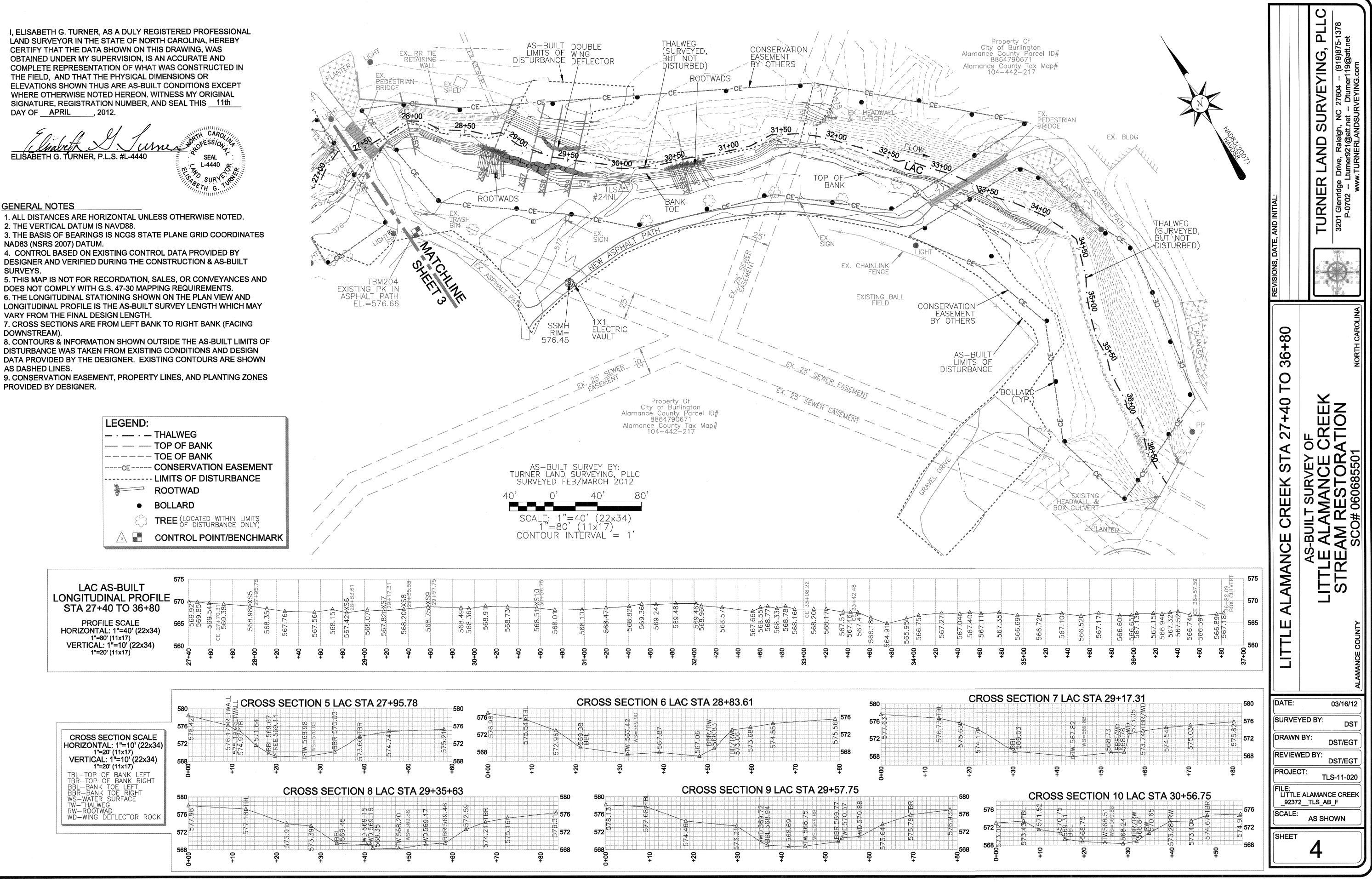
DOES NOT COMPLY WITH G.S. 47-30 MAPPING REQUIREMENTS. 6. THE LONGITUDINAL STATIONING SHOWN ON THE PLAN VIEW AND

VARY FROM THE FINAL DESIGN LENGTH. 7. CROSS SECTIONS ARE FROM LEFT BANK TO RIGHT BANK (FACING DOWNSTREAM).

8. CONTOURS & INFORMATION SHOWN OUTSIDE THE AS-BUILT LIMITS OF DISTURBANCE WAS TAKEN FROM EXISTING CONDITIONS AND DESIGN DATA PROVIDED BY THE DESIGNER. EXISTING CONTOURS ARE SHOWN AS DASHED LINES.

9. CONSERVATION EASEMENT, PROPERTY LINES, AND PLANTING ZONES PROVIDED BY DESIGNER.

L	EGEND:	
enema	90) & 1999,000,000 & 40,000,000	THALWEG
gounu		TOP OF BANK
Mana	anana manan manan manan manan m	TOE OF BANK
90000		CONSERVATION EASEMENT
	19 400 400 00 00 40 40 40 40 40 40 40	LIMITS OF DISTURBANCE
	<u>}</u>	ROOTWAD
	•	BOLLARD
	£3	TREE (LOCATED WITHIN LIMITS OF DISTURBANCE ONLY)
***		CONTROL POINT/BENCHMAR



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 11th DAY OF APRIL , 2012.

ELISABETH G. TÚŔNER, P.L.S. #L-4440 SEAL - L-4440 SURV

## **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 BASED ON EXISTING CONTROL DATA PROVIDED BY **DESIGNER AND VERIFIED DURING THE CONSTRUCTION & AS-BUILT** SURVEYS.

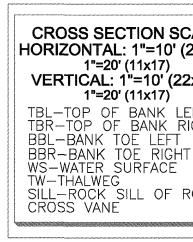
5. THIS MAP IS NOT FOR RECORDATION, SALES, OR CONVEYANCES AND DOES NOT COMPLY WITH G.S. 47-30 MAPPING REQUIREMENTS. 6. THE LONGITUDINAL STATIONING SHOWN ON THE PLAN VIEW AND

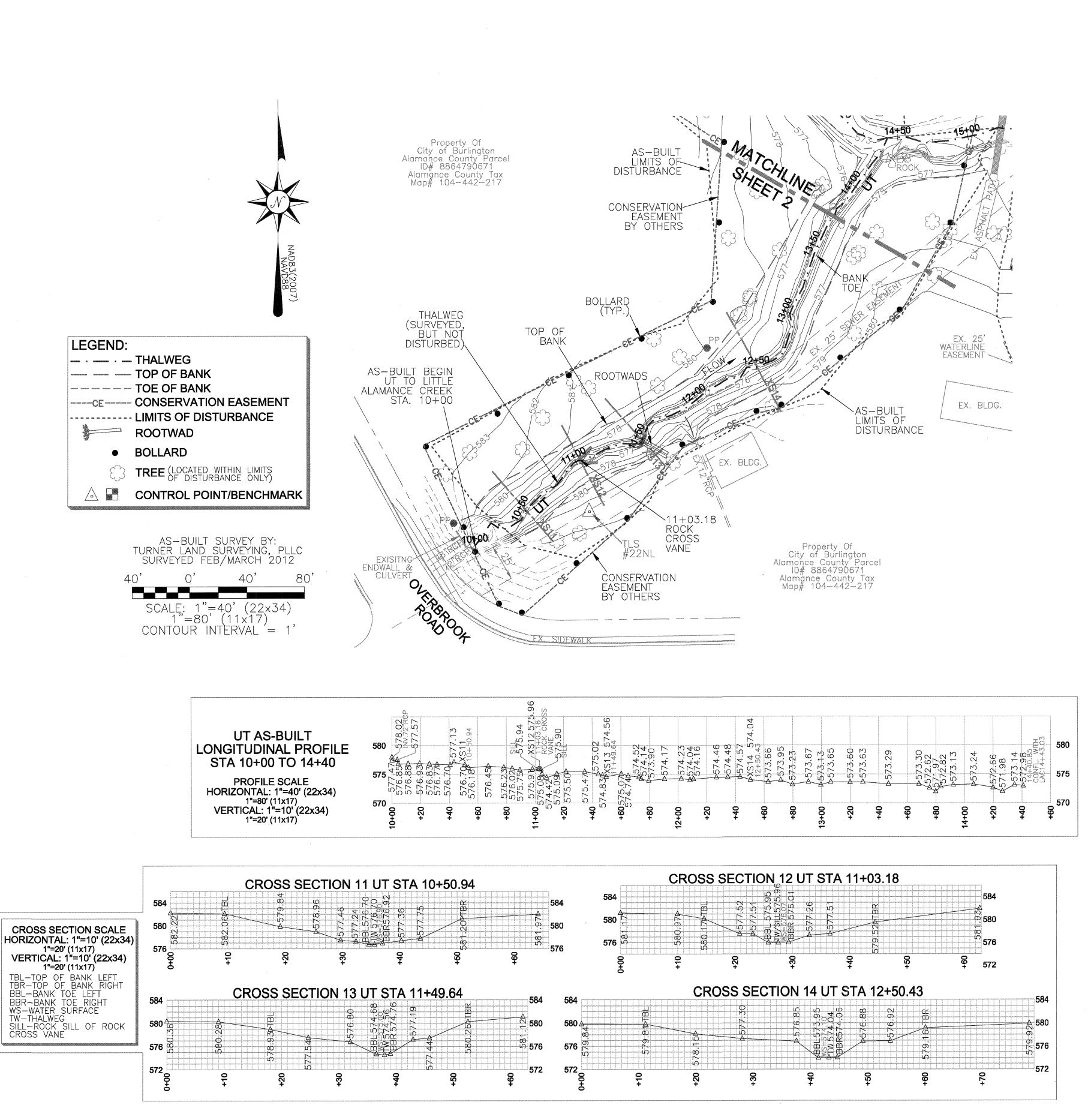
LONGITUDINAL PROFILE IS THE AS-BUILT SURVEY LENGTH WHICH MAY VARY FROM THE FINAL DESIGN LENGTH.

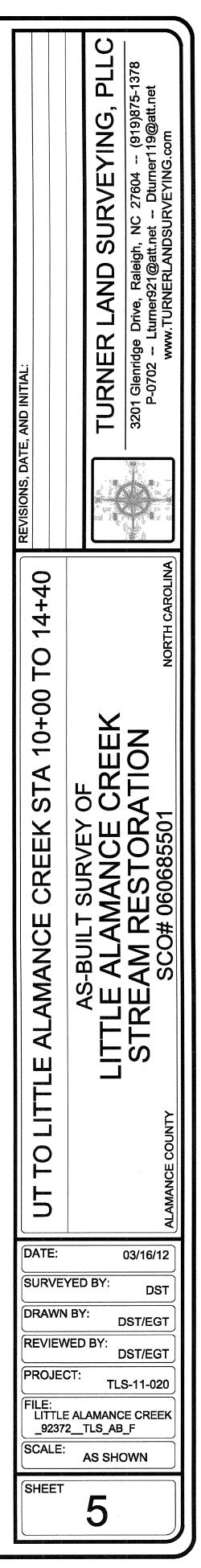
7. CROSS SECTIONS ARE FROM LEFT BANK TO RIGHT BANK (FACING DOWNSTREAM).

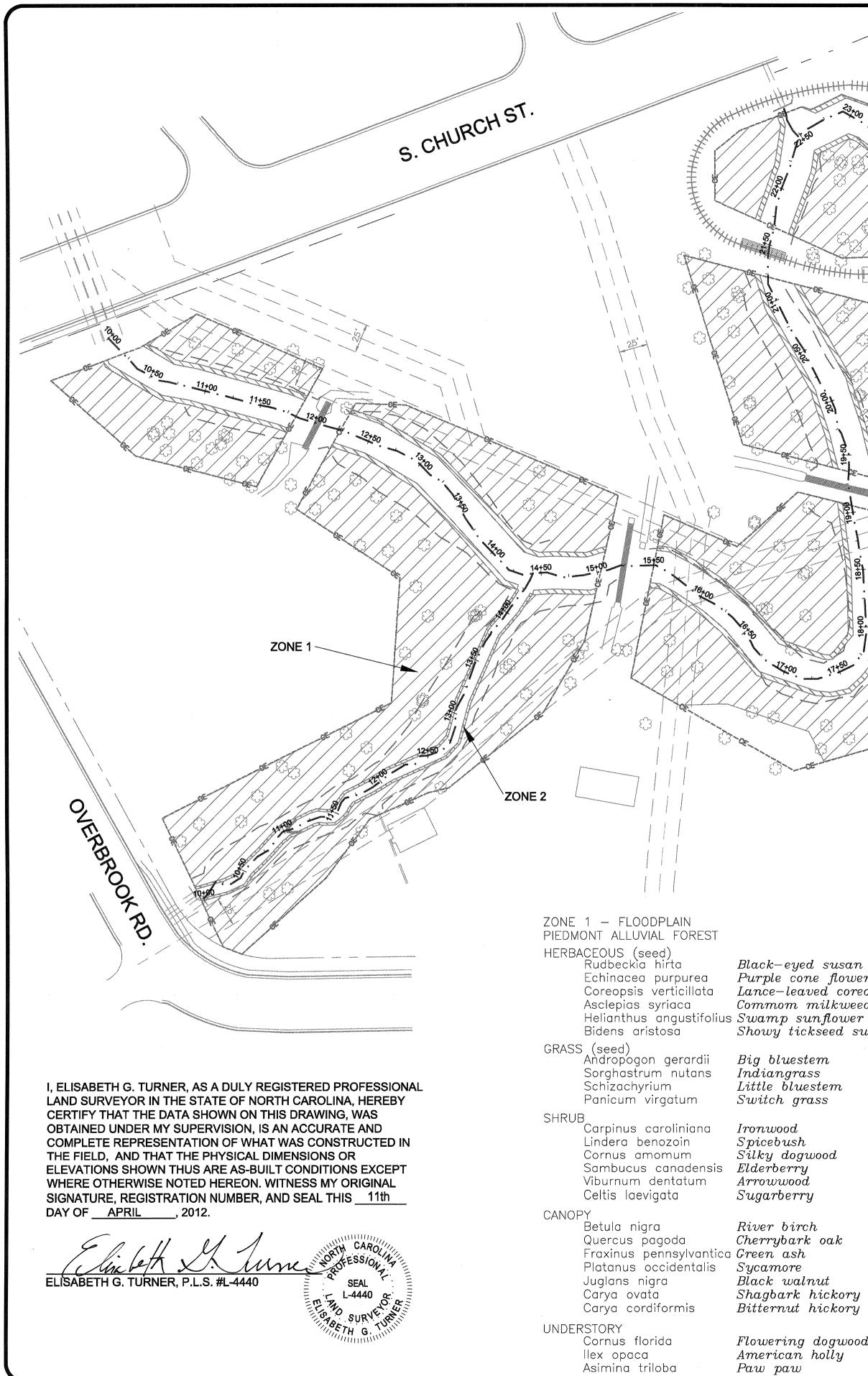
8. CONTOURS & INFORMATION SHOWN OUTSIDE THE AS-BUILT LIMITS OF DISTURBANCE WAS TAKEN FROM EXISTING CONDITIONS AND DESIGN DATA PROVIDED BY THE DESIGNER. EXISTING CONTOURS ARE SHOWN AS DASHED LINES.

9. CONSERVATION EASEMENT, PROPERTY LINES, AND PLANTING ZONES PROVIDED BY DESIGNER.

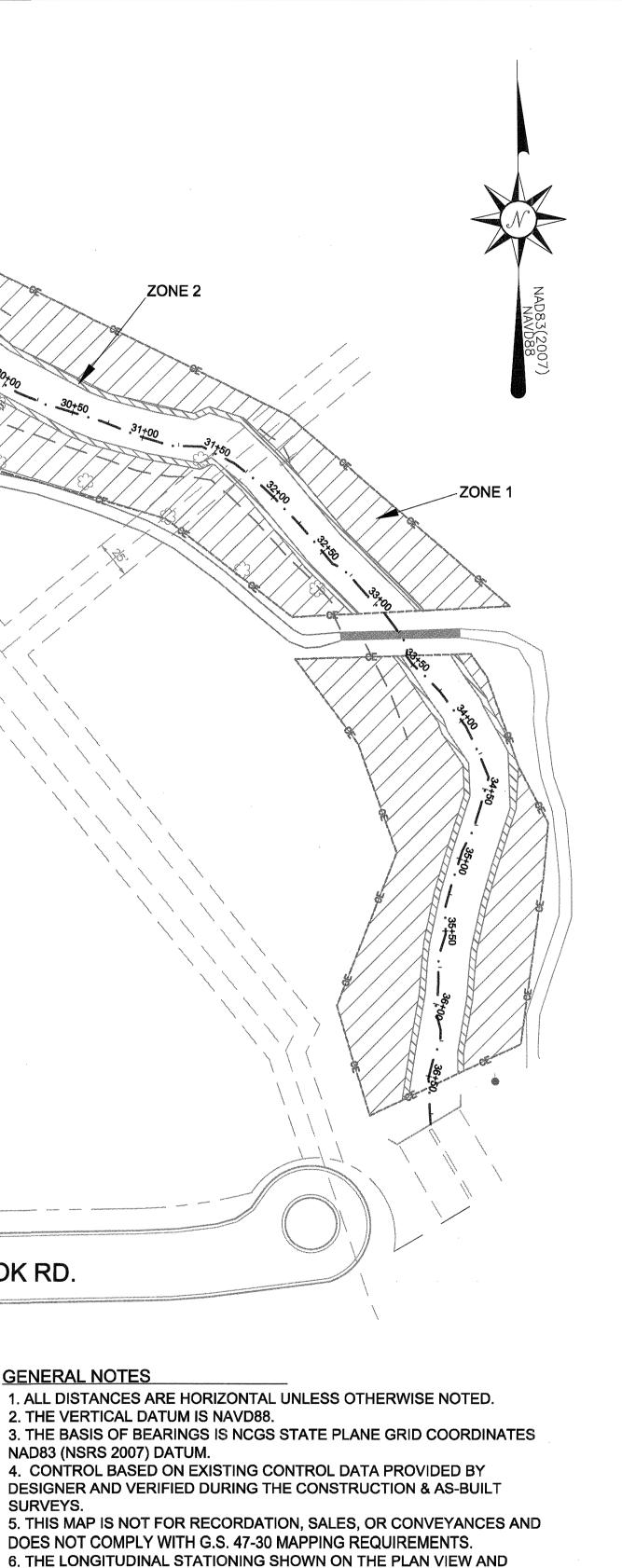








**DESIGN PLANTING** PLAN LEGEND: ---- CONSERVATION EASEMENT PLANTING ZONE 1 PLANTING ZONE 2 120' E: 1"=60' (22x34) "=120' (11x17) Black-eyed susan Purple cone flower OVERBROOK RD. Lance-leaved coreopsis  $Commom\ milkweed$ ZONE 2 - EDGE OF LOW FLOW WATER SURFACE TO BANKFULL Showy tickseed sunflower PIEDMONT ALLUVIAL FOREST HERBACEOUS (seed) Eupatorium fistulosum Big bluestem **GENERAL NOTES** Indiangrass Joe–pye weed Cardinal flower Little bluestem Lobelia cardinalis Bee balm Monarda didyma Switch grass Vernonia noveboracensis IronweedEupatorium perfoliatum BonesetNAD83 (NSRS 2007) DATUM. IronwoodCoreopsis lanceolata Lance leaved coreopsis Spicebush $S\hat{i}lky \ dogwood$ GRASS (seed) Deertongue Panicum clandestinum SURVEYS. Hystrix patula Bottle-brush grass Arrowwood Switch grass Panicum virgatum Sugarberry Chasmanthimom latifolium *River oats* Carex intumescens *Bladder (star) sedge* River birch Juncus effusus Soft rush Cherrybark oak Leathery rush Juncus coriaceus DOWNSTREAM). SHRUBS, CANOPY, AND UNDERSTORY SAME COMPOSITION AS ZONE 1 WITH THE ADDITION OF: Black walnut Shagbark hickory Bitternut hickory LIVE STAKES AS DASHED LINES. Black willow Salix nigra Cephalanthus occidentalis Button bush Flowering dogwood PROVIDED BY DESIGNER. Silky dogwood Silky willow Cornus amomum American holly Salix sericea Paw paw



LONGITUDINAL PROFILE IS THE AS-BUILT SURVEY LENGTH WHICH MAY VARY FROM THE FINAL DESIGN LENGTH. 7. CROSS SECTIONS ARE FROM LEFT BANK TO RIGHT BANK (FACING

DOWNSTREAM). 8. CONTOURS & INFORMATION SHOWN OUTSIDE THE AS-BUILT LIMITS OF

DISTURBANCE WAS TAKEN FROM EXISTING CONDITIONS AND DESIGN DATA PROVIDED BY THE DESIGNER. EXISTING CONTOURS ARE SHOWN AS DASHED LINES

9. CONSERVATION EASEMENT, PROPERTY LINES; AND PLANTING ZONES PROVIDED BY DESIGNER.

REVISIONS, DATE, AND INITIAL:	TURNER LAND SURVEYING, PLLC 3201 Glenridge Drive, Raleigh, NC 27604 (919)875-1378 P-0702 Lturner921@att.net Dturner119@att.net www.TURNERLANDSURVEYING.com	
PLANTING PLAN	AS-BUILT SURVEY OF LITTLE ALAMANCE CREEK STREAM RESTORATION SCO# 060685501 NORTH CAROLINA	
	BY: DST/EGT /ED BY: DST/EGT	
SHEET 6		