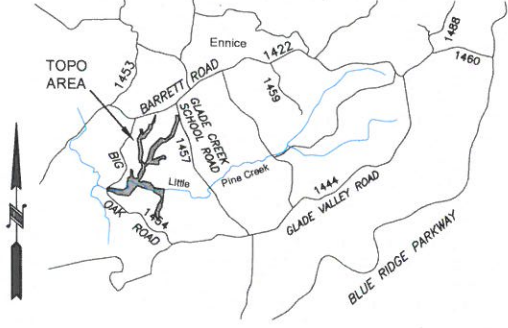
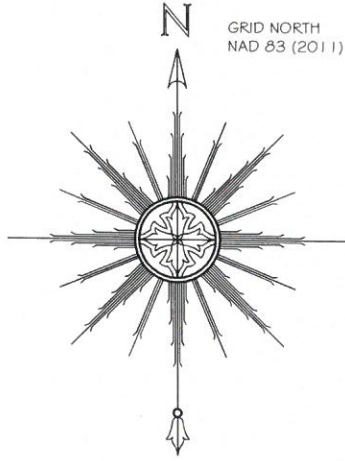


VICINITY MAP
(NOT TO SCALE)



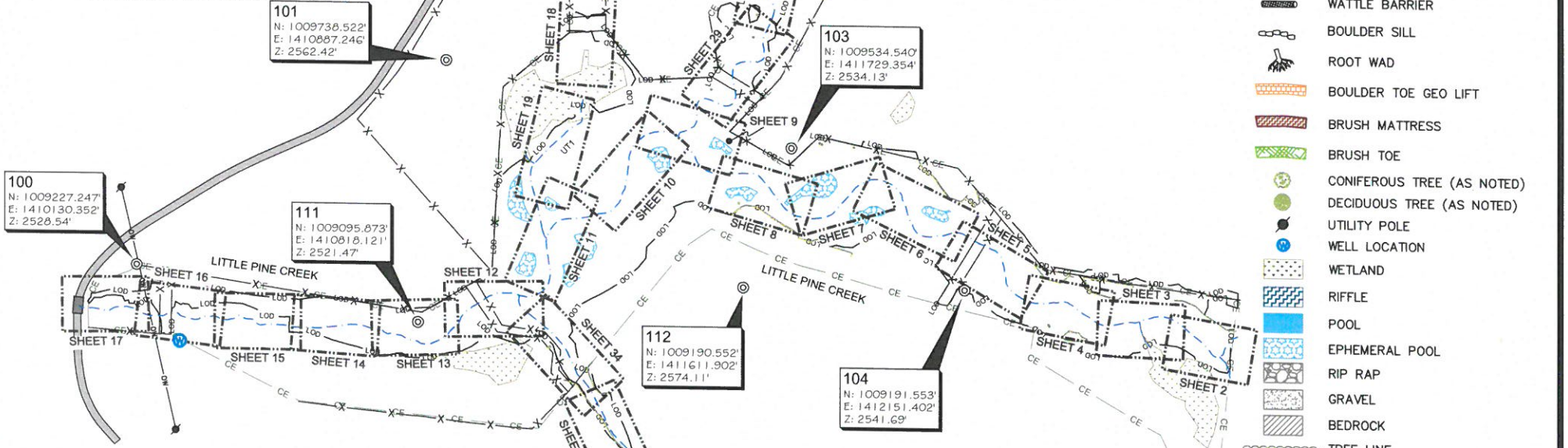
AN AS-BUILT SURVEY FOR:
THE STATE OF NORTH CAROLINA
DIVISION OF MITIGATION SERVICES
SCO PROJECT NUMBER: 07-07088-03 DMS PROJECT ID: 94903
"LITTLE PINE CREEK III STREAM & WETLAND RESTORATION PROJECT"

1
N: 1012971.605'
E: 1413075.074'
Z: 2805.01'



SHEET #	SHEET TITLE
1	COVER SHEET
2	STREAM DATA: "LITTLE PINE CREEK-REACH 1"
3	STREAM DATA: "LITTLE PINE CREEK-REACH 1"
4	STREAM DATA: "LITTLE PINE CREEK-REACH 1"
5	STREAM DATA: "LITTLE PINE CREEK-REACH 1"
6	STREAM DATA: "LITTLE PINE CREEK-REACH 1"
7	STREAM DATA: "LITTLE PINE CREEK-REACH 1"
8	STREAM DATA: "LITTLE PINE CREEK-REACH 1 & REACH 2A"
9	STREAM DATA: "LITTLE PINE CREEK-REACH 2A, UT2-REACH 2"
10	STREAM DATA: "LITTLE PINE CREEK-REACH 2A"
11	STREAM DATA: "LITTLE PINE CREEK-REACH 2A, UT1"
12	STREAM DATA: "LITTLE PINE CREEK-REACH 2A, REACH 2B, & GULLY"
13	STREAM DATA: "LITTLE PINE CREEK-REACH 2B"
14	STREAM DATA: "LITTLE PINE CREEK-REACH 2B"
15	STREAM DATA: "LITTLE PINE CREEK-REACH 2B"
16	STREAM DATA: "LITTLE PINE CREEK-REACH 2B"
17	STREAM DATA: "LITTLE PINE CREEK-REACH 2B"
18	STREAM DATA: "LITTLE PINE CREEK-REACH 2B"
19	STREAM DATA: "UT1"
20	STREAM DATA: "UT1"
21	STREAM DATA: "UT2-REACH 1"
22	STREAM DATA: "UT2-REACH 1"
23	STREAM DATA: "UT2-REACH 1"
24	STREAM DATA: "UT2-REACH 1"
25	STREAM DATA: "UT2-REACH 1, REACH 2, & UT2B"
26	STREAM DATA: "UT2-REACH 1, REACH 2"
27	STREAM DATA: "UT2-REACH 2 & UT2A"
28	STREAM DATA: "UT2-REACH 2"
29	STREAM DATA: "UT2-REACH 2"
30	STREAM DATA: "UT2A"
31	STREAM DATA: "UT2-REACH 2"
32	STREAM DATA: "UT2B"
33	STREAM DATA: "UT2B"
34	STREAM DATA: "GULLY"
35	STREAM DATA: "GULLY"
36	STREAM DATA: "LONGITUDINAL PROFILE- LITTLE PINE CREEK-REACH 1"
37	STREAM DATA: "LONGITUDINAL PROFILE- LITTLE PINE CREEK-REACH 1"
38	STREAM DATA: "LONGITUDINAL PROFILE- LITTLE PINE CREEK-REACH 1"
39	STREAM DATA: "LONGITUDINAL PROFILE- LITTLE PINE CREEK-REACH 1 & REACH 2A"
40	STREAM DATA: "LONGITUDINAL PROFILE- LITTLE PINE CREEK-REACH 2A"
41	STREAM DATA: "LONGITUDINAL PROFILE- LITTLE PINE CREEK-REACH 2A"
42	STREAM DATA: "LONGITUDINAL PROFILE- LITTLE PINE CREEK-REACH 2A & REACH 2B"
43	STREAM DATA: "LONGITUDINAL PROFILE- LITTLE PINE CREEK-REACH 2B"
44	STREAM DATA: "LONGITUDINAL PROFILE- LITTLE PINE CREEK-REACH 2B"
45	STREAM DATA: "LONGITUDINAL PROFILE- UT1"
46	STREAM DATA: "LONGITUDINAL PROFILE- UT2-REACH 1"
47	STREAM DATA: "LONGITUDINAL PROFILE- UT2-REACH 1"
48	STREAM DATA: "LONGITUDINAL PROFILE- UT2-REACH 1"
49	STREAM DATA: "LONGITUDINAL PROFILE- UT2-REACH 1 & REACH 2"
50	STREAM DATA: "LONGITUDINAL PROFILE- UT2-REACH 2"
51	STREAM DATA: "LONGITUDINAL PROFILE- UT2-REACH 2"
52	STREAM DATA: "LONGITUDINAL PROFILE- UT2-REACH 2"
53	STREAM DATA: "LONGITUDINAL PROFILE- UT2A"
54	STREAM DATA: "LONGITUDINAL PROFILE- UT2B"
55	STREAM DATA: "LONGITUDINAL PROFILE- GULLY"
56	STREAM DATA: "LONGITUDINAL PROFILE- GULLY"

THIS MAP IS NOT FOR RECORDATION, SALES, OR CONVEYANCES AND DOES NOT COMPLY WITH G.S. 47-30 MAPPING REQUIREMENTS.



LEGEND

#	STRUCTURE NUMBER
⊙	EXISTING IPC IN CONCRETE (CC)
—	LOG STRUCTURE (AS NOTED)
—	LOG J-HOOK
—	ROCK J-HOOK
—	ROCK "A" VANE
—	WATTLE BARRIER
—	BOULDER SILL
—	ROOT WAD
—	BOULDER TOE GEO LIFT
—	BRUSH MATTRESS
—	BRUSH TOE
—	CONIFEROUS TREE (AS NOTED)
—	DECIDUOUS TREE (AS NOTED)
—	UTILITY POLE
—	WELL LOCATION
—	WETLAND
—	RIFFLE
—	POOL
—	EPHEMERAL POOL
—	RIP RAP
—	GRAVEL
—	BEDROCK
—	TREE LINE
—	CONSERVATION EASEMENT
—	MINOR CONTOUR
—	MAJOR CONTOUR
—	EDGES OF WATER
—	LIMITS OF DISTURBANCE
—	THALWEG
—	TOP OF BANK
—	DESIGN CENTERLINE
—	OVERHEAD WIRE
—	FENCE LINE
INV	INVERT
ELEV	ELEVATION
CMP	CORRUGATED METAL PIPE
CPP	CORRUGATED PLASTIC PIPE
RCP	REINFORCED CONCRETE PIPE
NAD	NORTH AMERICAN DATUM
NAVD	NORTH AMERICAN VERTICAL DATUM
SPC	STATE PLANE COORDINATES
CC	CONTROL CORNER

CERTIFICATE OF SURVEY AND ACCURACY

I, PHILLIP B. KEE CERTIFY THAT THE GROUND TOPOGRAPHIC SURVEY PORTION OF THIS PROJECT WAS COMPLETED UNDER MY DIRECT SUPERVISION FROM AN ACTUAL SURVEY MADE UNDER MY DIRECT SUPERVISION; THAT THIS SURVEY WAS PERFORMED AT THE 95% CONFIDENCE LEVEL TO MEET THE FEDERAL GEOGRAPHIC DATA COMMITTEE STANDARDS; THAT THIS SURVEY WAS PERFORMED TO THE CLASS A HORIZONTAL AND CLASS C VERTICAL WHERE APPLICABLE; THAT THE ORIGINAL DATA WAS OBTAIN BETWEEN THE DATES OF 10/28/15-11/06/15, 3/29/16; THAT THE CONTOURS SHOWN AS BROKEN LINES MAY NOT MEET THE STATED STANDARD AND ALL COORDINATES ARE BASED ON NAD 83 (NSRS 2011) AND ALL ELEVATIONS ARE BASED ON NAVD 88; THAT THIS MAP MEETS THE SPECIFICATIONS FOR TOPOGRAPHIC SURVEYS AS STATED IN TITLE 21, CHAPTER 56, SECTION .1606; THAT THIS MAP WAS NOT PREPARED IN ACCORDANCE WITH G.S. 47-30, AS AMENDED AND DOES NOT REPRESENT AN OFFICIAL BOUNDARY SURVEY. THE CONSERVATION EASEMENT BOUNDARIES WERE TAKEN FROM PLAT BOOK 16 PAGE 109.

WITNESS MY ORIGINAL SIGNATURE, REGISTRATION NUMBER, AND SEAL THIS 11TH DAY OF APRIL, 2016, A.D.

SURVEYOR'S NOTES:

- ALL DISTANCES ARE GROUND MEASUREMENTS IN US SURVEY FEET UNLESS OTHERWISE NOTED.
- PROPERTY SUBJECT TO ALL EASEMENTS, RIGHT OF WAYS AND RESTRICTIONS THAT ARE RECORDED, UNRECORDED, WRITTEN AND UNWRITTEN.
- CONSERVATION EASEMENT BOUNDARIES SHOWN HEREON WERE TAKEN FROM A PLATS OF SURVEY ENTITLED: "A FINAL PLAT OF CONSERVATION EASEMENT SURVEY FOR STATE OF NORTH CAROLINA, ECOSYSTEM ENHANCEMENT PROGRAM, LITTLE PINE III", PREPARED BY KEE MAPPING & SURVEYING, AND RECORDED IN PLAT BOOK 10 PAGE 225, PLAT BOOK 10 PAGE 310, AND PLAT BOOK 10 PAGE 311 IN THE ALLEGHANY COUNTY REGISTRY.
- BY GRAPHIC DETERMINATION, A PORTION OF THE SUBJECT PROPERTY APPEARS TO LIE WITHIN A SPECIAL FLOOD HAZARD AREA (SFHA) ZONE AE AS DETERMINED BY THE F.E.M.A. MAP# 3711401000J DATED 09/02/2009.
- STATE PLANE COORDINATES AND ELEVATIONS WERE DERIVED FROM THE EXISTING CONDITIONS TOPOGRAPHIC SURVEY PREPARED BY KEE MAPPING & SURVEYING. THE HORIZONTAL DATUM IS NAD 83 (2011) AND THE VERTICAL DATUM IS NAVD(88). ALL COORDINATES SHOWN HEREON ARE GROUND MEASUREMENTS IN US SURVEY FEET.
- UTILITIES WERE LOCATED BASED ON VISIBLE ABOVE GROUND STRUCTURES, THEREFORE THE LOCATION OF UNDERGROUND UTILITIES ARE APPROXIMATE OR MAY BE PRESENT AND NOT SHOWN HEREON. CALL 1-800-632-4949 BEFORE DIGGING.
- STATIONING FOR PLAN AND PROFILES ARE BASED OFF OF DESIGN CENTERLINES PROVIDED BY WILDLANDS ENGINEERING, INC.
- WETLANDS SHOWN HEREON WERE DELINEATED AND PROVIDED BY WILDLANDS ENGINEERING, INC.
- CONTOUR INTERVAL: 1 FOOT VERTICAL DATUM: NAVD 88
- LIMITS OF DISTURBANCE AREA: 18.74 ACRES



THIS DOCUMENT IS NOT VALID UNLESS SIGNED AND SEALED.

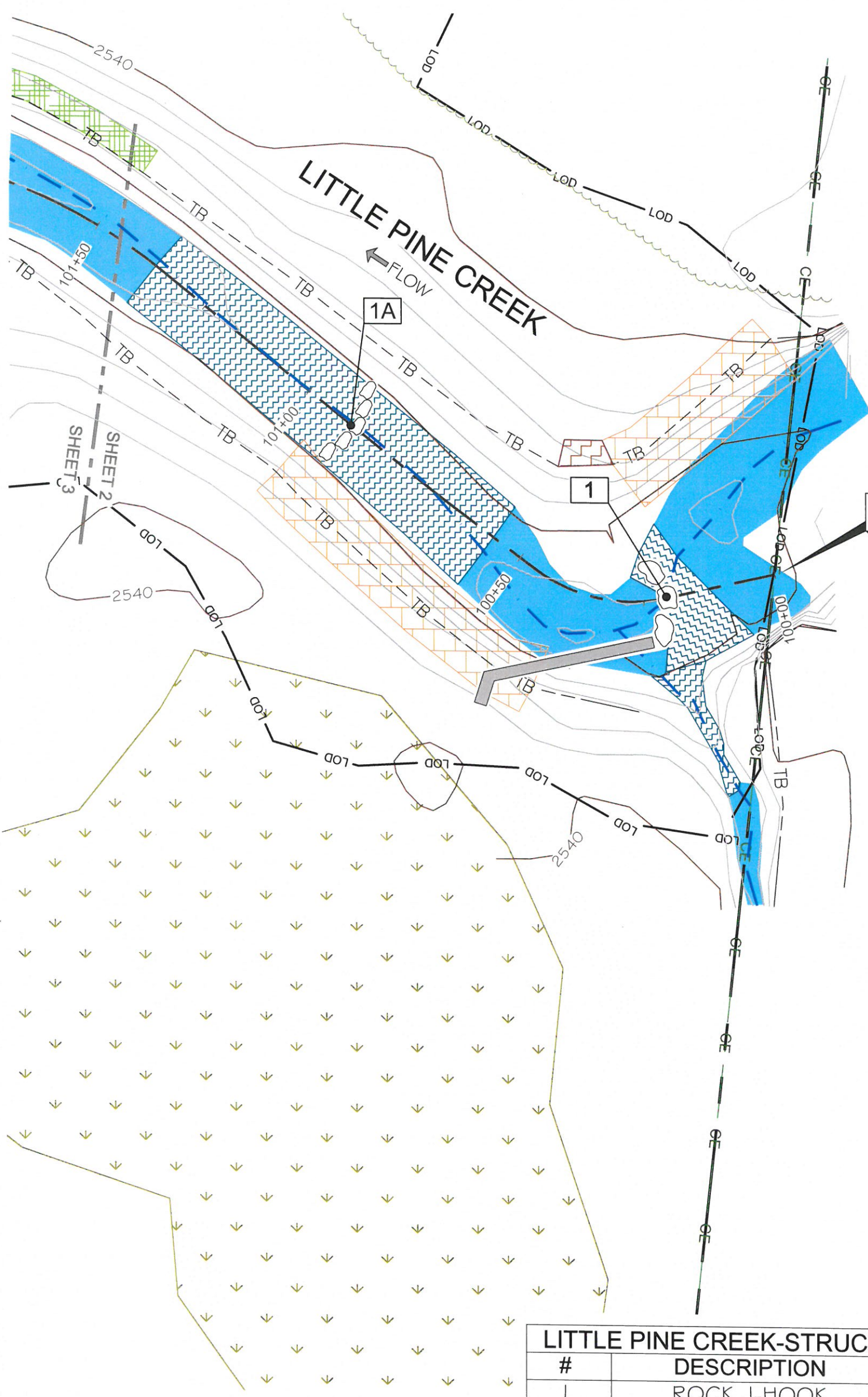
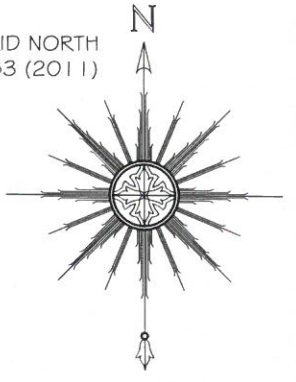
Phillip B. Kee
PHILLIP B. KEE, PLS L-4647



SHEET:
1 OF 56

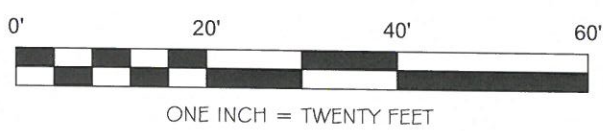
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GRID NORTH
NAD 83 (2011)

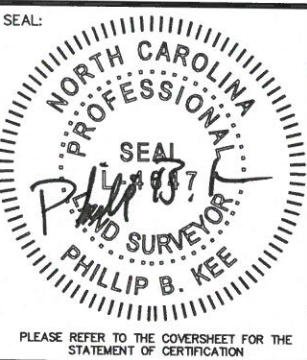


BEGIN "LITTLE PINE CREEK"
STA: 100+00

LITTLE PINE CREEK-STRUCTURE TABLE		
#	DESCRIPTION	ELEV.
1	ROCK J-HOOK	2534.4
1A	BOULDER SILL	2534.5



NOTE: SEE SHEET #1 FOR SURVEYOR'S NOTES



AN AS-BUILT SURVEY FOR:
**THE STATE OF NORTH CAROLINA
 DIVISION OF MITIGATION SERVICES**

SCO PROJECT NUMBER: 07-07088-03 DMS PROJECT ID: 94903

PROJECT:
LITTLE PINE CREEK III STREAM & WETLAND RESTORATION PROJECT

SHEET TITLE:
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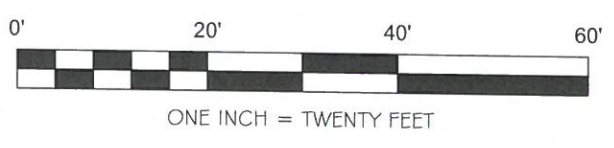
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DRAWN BY: NH	CHECKED BY: PBK	SURVEY BY: DD,KP,CB,SH			
SCALE: AS SHOWN	SHEET SIZE: 11" X 17"	JOB: 1509144-AB			
SHEET: 2 OF 56					
#	DATE	REVISIONS	#	DATE	REVISIONS



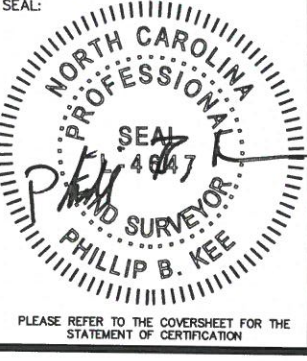
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#	DESCRIPTION	ELEV.
117	LOG SILL	2537.0



NOTE: SEE SHEET #1 FOR SURVEYOR'S NOTES



AN AS-BUILT SURVEY FOR:
THE STATE OF NORTH CAROLINA
 DIVISION OF MITIGATION SERVICES

SCO PROJECT NUMBER: 07-07088-03 DMS PROJECT ID: 94903

PROJECT:
LITTLE PINE CREEK III STREAM & WETLAND RESTORATION PROJECT

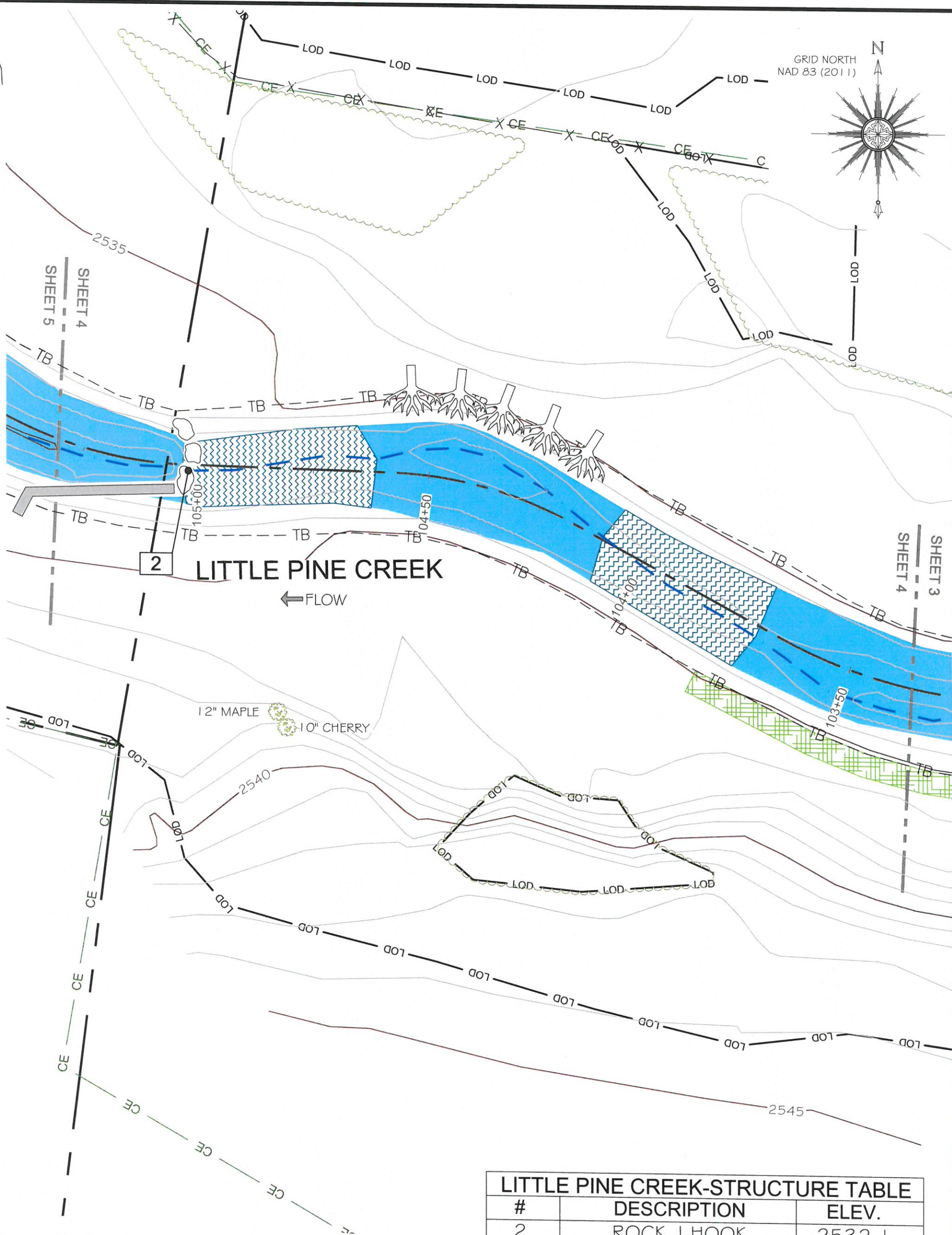
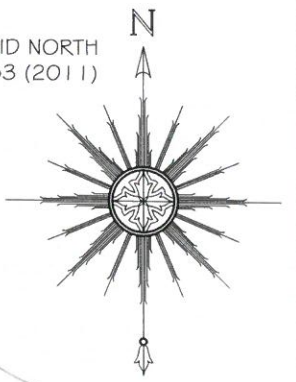
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TOWNSHIP: GLADE CREEK	COUNTY: ALLEGHANY	STATE: NORTH CAROLINA
DRAWN BY: NH	CHECKED BY: PBK	SURVEY BY: DD, KP, CB, SH
SCALE: AS SHOWN	SHEET SIZE: 11" X 17"	JOB: 1509144-AB
DATE		REVISIONS
DATE		REVISIONS

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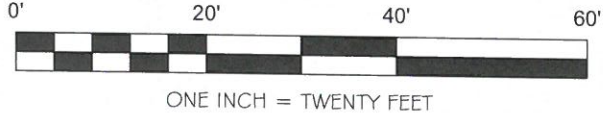
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NAD 83 (2011)



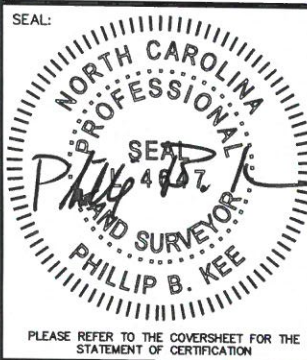
LITTLE PINE CREEK

← FLOW

LITTLE PINE CREEK-STRUCTURE TABLE		
#	DESCRIPTION	ELEV.
2	ROCK J-HOOK	2532.1



NOTE: SEE SHEET #1 FOR SURVEYOR'S NOTES



AN AS-BUILT SURVEY FOR:
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 DIVISION OF MITIGATION SERVICES**

SCO PROJECT NUMBER: 07-07088-03 DMS PROJECT ID: 94903

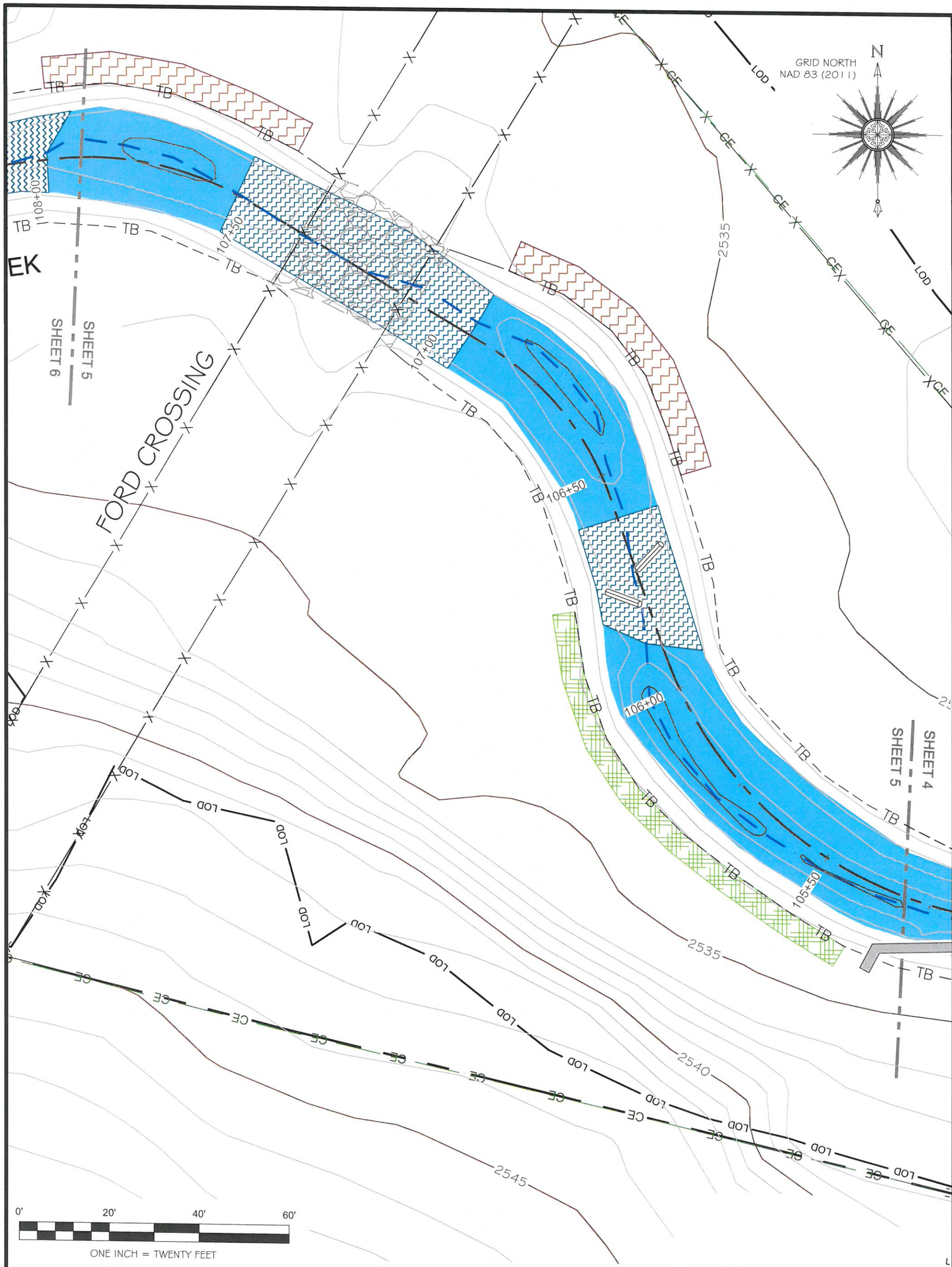
PROJECT:
LITTLE PINE CREEK III STREAM & WETLAND RESTORATION PROJECT

SHEET TITLE:
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TOWNSHIP: GLADE CREEK	COUNTY: ALLEGHANY	STATE: NORTH CAROLINA			
DRAWN BY: NH	CHECKED BY: PBK	SURVEY BY: DD, KP, CB, SH			
SCALE: AS SHOWN	SHEET SIZE: 11" X 17"	JOB: 1509144-AB			
		SURVEY DATES: 10/28/15-11/06/15, 3-29-16			
		SHEET: 4 OF 56			
#	DATE	REVISIONS	#	DATE	REVISIONS



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NOTE: SEE SHEET #1 FOR SURVEYOR'S NOTES



AN AS-BUILT SURVEY FOR:
THE STATE OF NORTH CAROLINA
DIVISION OF MITIGATION SERVICES

SCO PROJECT NUMBER: 07-07088-03 DMS PROJECT ID: 94903

PROJECT:
LITTLE PINE CREEK III STREAM & WETLAND RESTORATION PROJECT

SHEET TITLE:
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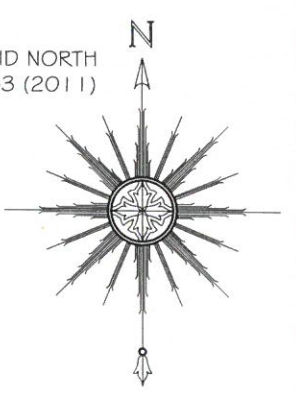
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DRAWN BY: NH	CHECKED BY: PBK	SURVEY BY: DD, KP, CB, SH			
SCALE: AS SHOWN	SHEET SIZE: 11" X 17"	JOB: 1509144-AB			
		SURVEY DATES: 10/28/15-11/06/15, 3-29-16			
		SHEET: 5 OF 56			
#	DATE	REVISIONS	#	DATE	REVISIONS



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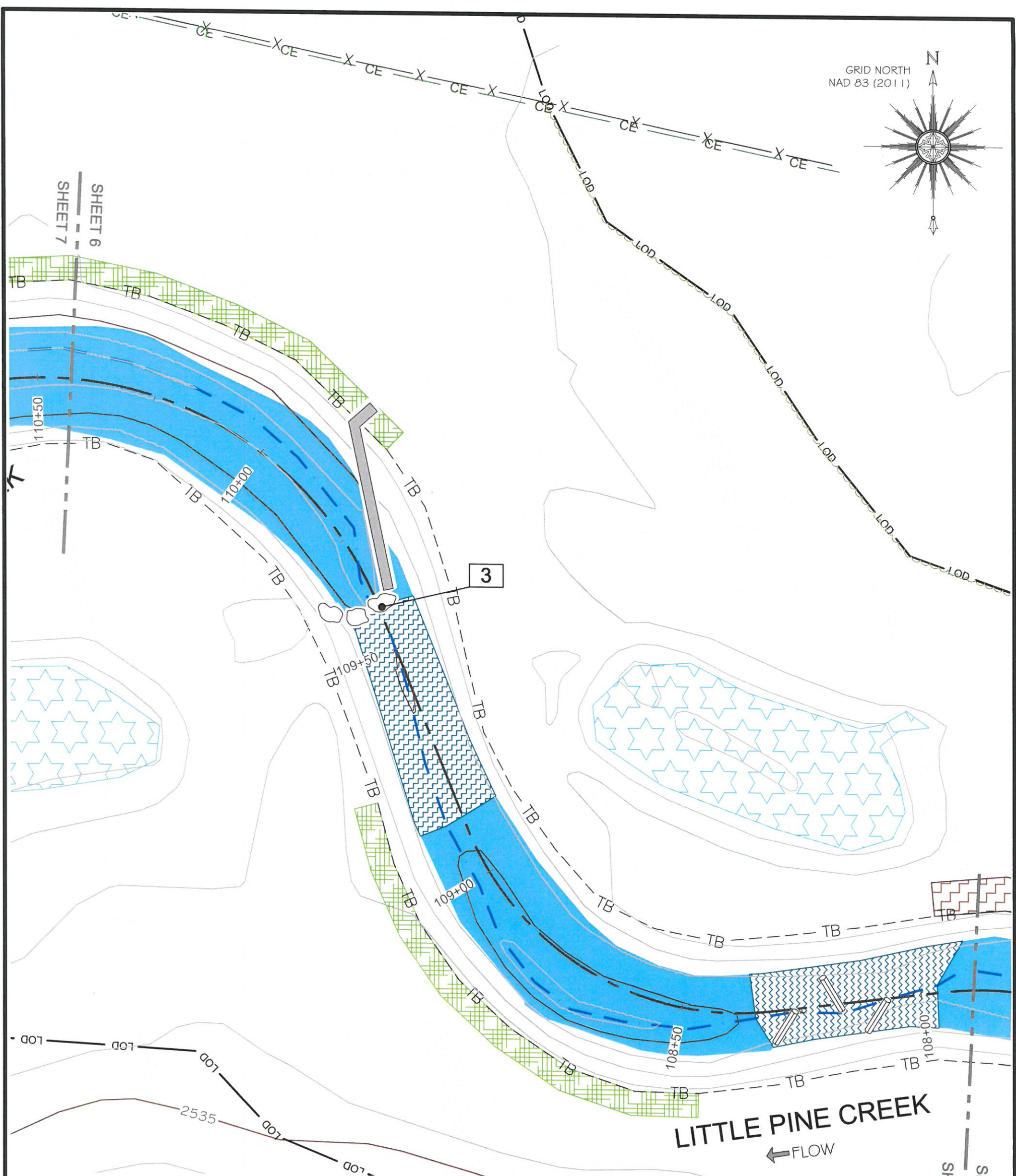
PLEASE REFER TO THE COVERSHEET FOR THE STATEMENT OF CERTIFICATION

GRID NORTH
NAD 83 (2011)



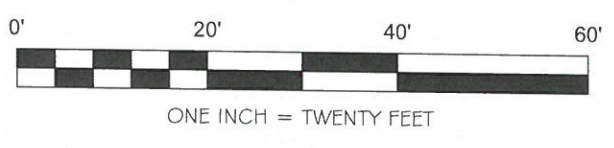
SHEET 6

SHEET 7

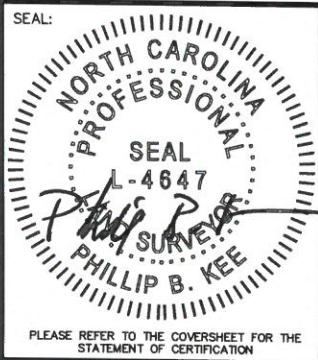


LITTLE PINE CREEK
←FLOW

LITTLE PINE CREEK-STRUCTURE TABLE		
#	DESCRIPTION	ELEV.
3	ROCK J-HOOK	2530.1



NOTE: SEE SHEET #1 FOR SURVEYOR'S NOTES



AN AS-BUILT SURVEY FOR:
**THE STATE OF NORTH CAROLINA
DIVISION OF MITIGATION SERVICES**

SCO PROJECT NUMBER: 07-07088-03 DMS PROJECT ID: 94903

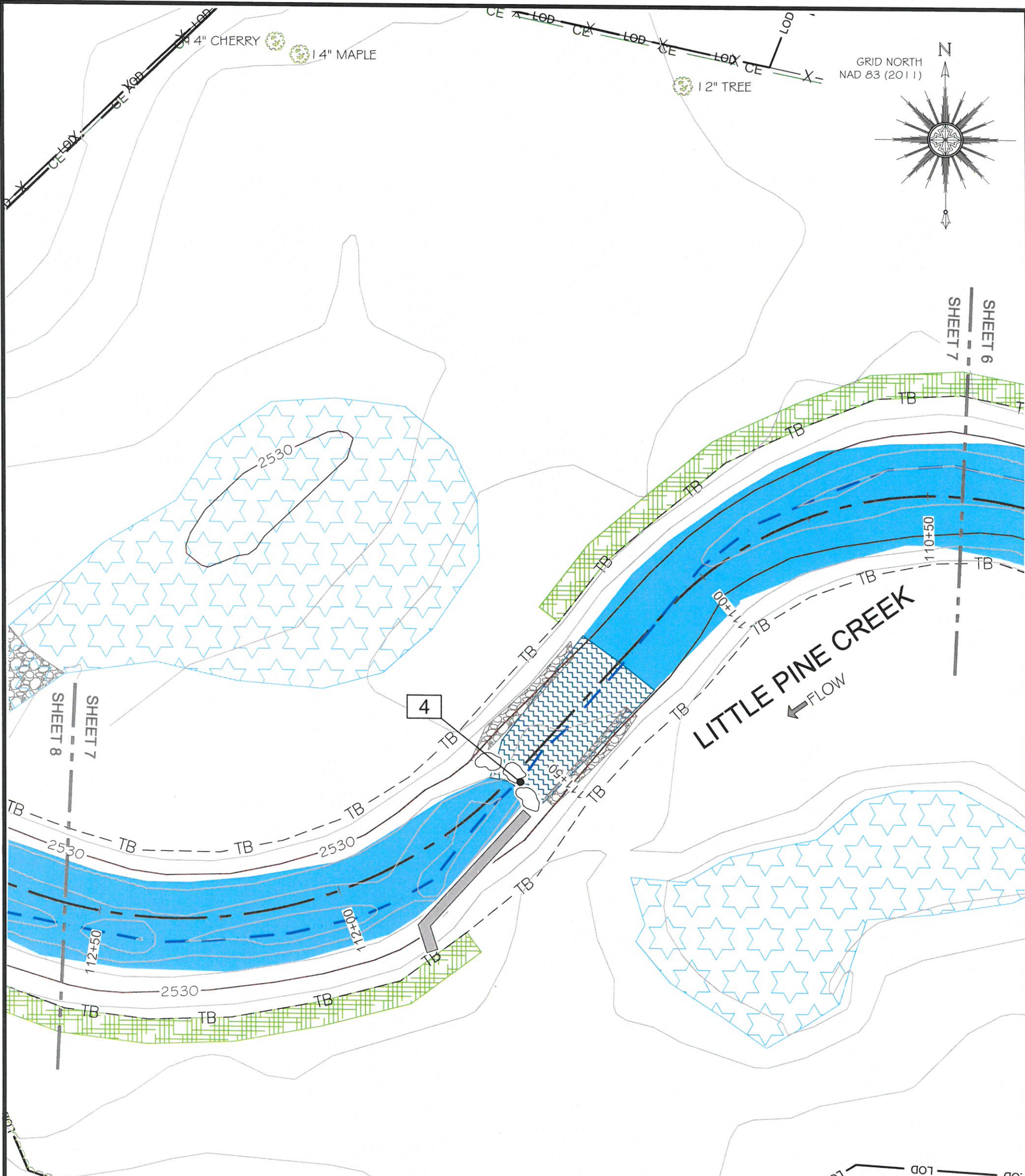
PROJECT:
LITTLE PINE CREEK III STREAM & WETLAND RESTORATION PROJECT

SHEET TITLE:
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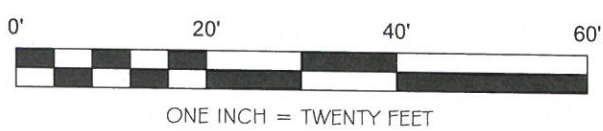
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DRAWN BY: NH	CHECKED BY: PBK	SURVEY BY: DD,KP,CB,SH			
SCALE: AS SHOWN	SHEET SIZE: 11" X 17"	JOB: 1509144-AB			
		SURVEY DATES: 10/28/15-11/06/15,3-29-16			
		SHEET: 6 OF 56			
#	DATE	REVISIONS	#	DATE	REVISIONS



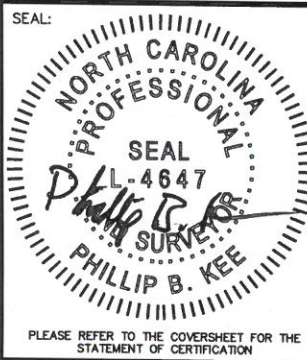
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#	DESCRIPTION	ELEV.
4	ROCK J-HOOK	2528.8



NOTE: SEE SHEET #1 FOR SURVEYOR'S NOTES



AN AS-BUILT SURVEY FOR:
THE STATE OF NORTH CAROLINA
 DIVISION OF MITIGATION SERVICES

SCO PROJECT NUMBER: 07-07088-03 DMS PROJECT ID: 94903

PROJECT:
LITTLE PINE CREEK III STREAM & WETLAND RESTORATION PROJECT

SHEET TITLE:
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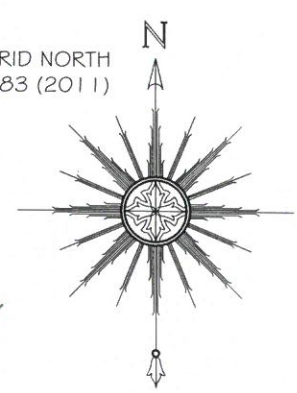
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DRAWN BY: NH	CHECKED BY: PBK	SURVEY BY: DD,KP,CB,SH
SCALE: AS SHOWN	SHEET SIZE: 11" X 17"	JOB: 1509144-AB
		SHEET: 7 OF 56

#	DATE	REVISIONS	#	DATE	REVISIONS

Kee
 MAPPING & SURVEYING

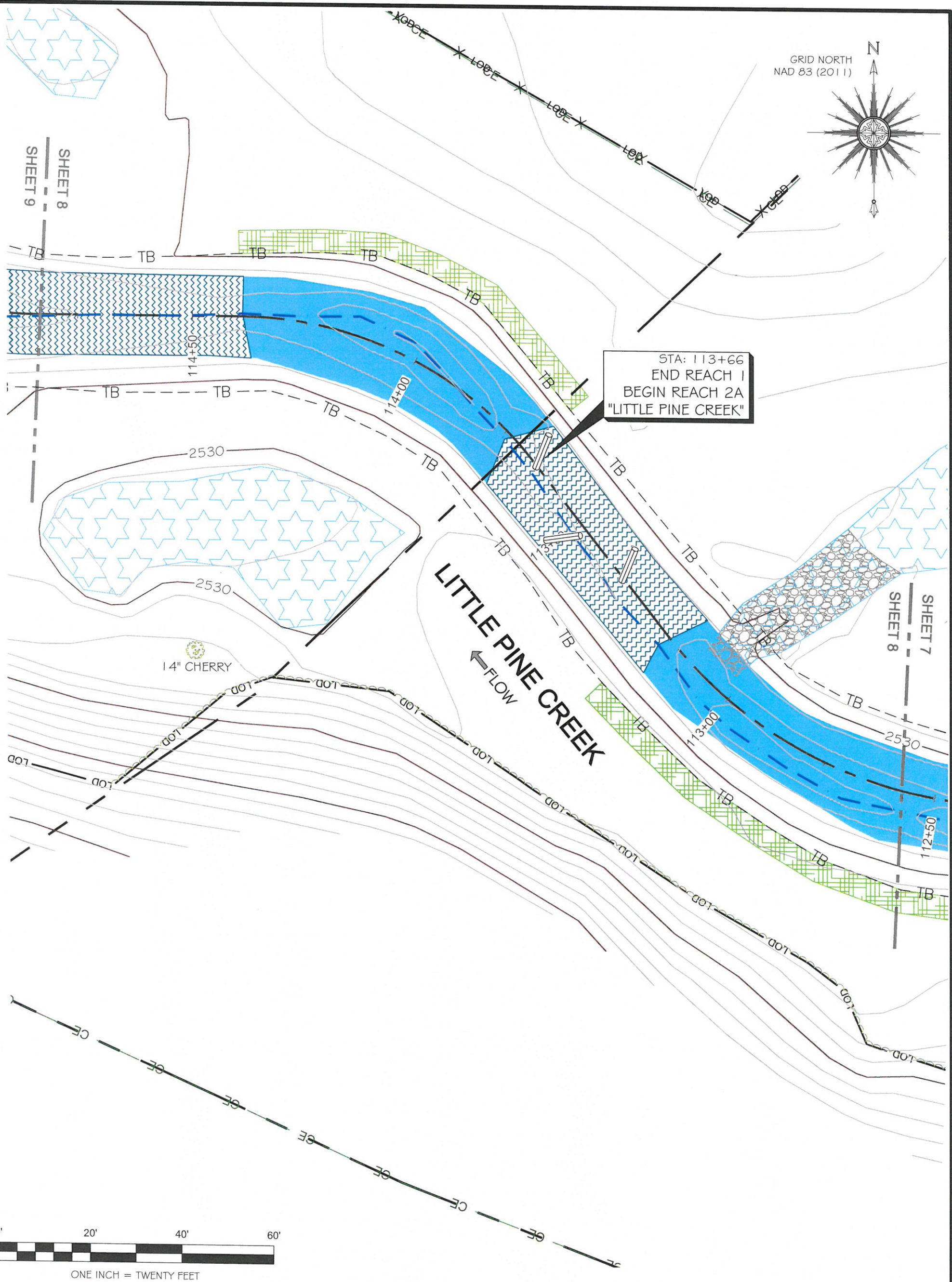
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GRID NORTH
NAD 83 (2011)

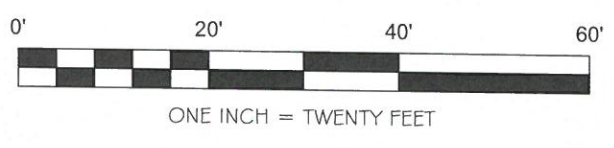


SHEET 8
SHEET 9

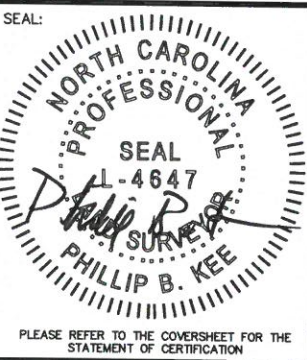
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END REACH 1
BEGIN REACH 2A
"LITTLE PINE CREEK"



SHEET 7
SHEET 8



NOTE: SEE SHEET #1 FOR SURVEYOR'S NOTES



AN AS-BUILT SURVEY FOR:
**THE STATE OF NORTH CAROLINA
DIVISION OF MITIGATION SERVICES**

SCO PROJECT NUMBER: 07-07088-03 DMS PROJECT ID: 94903

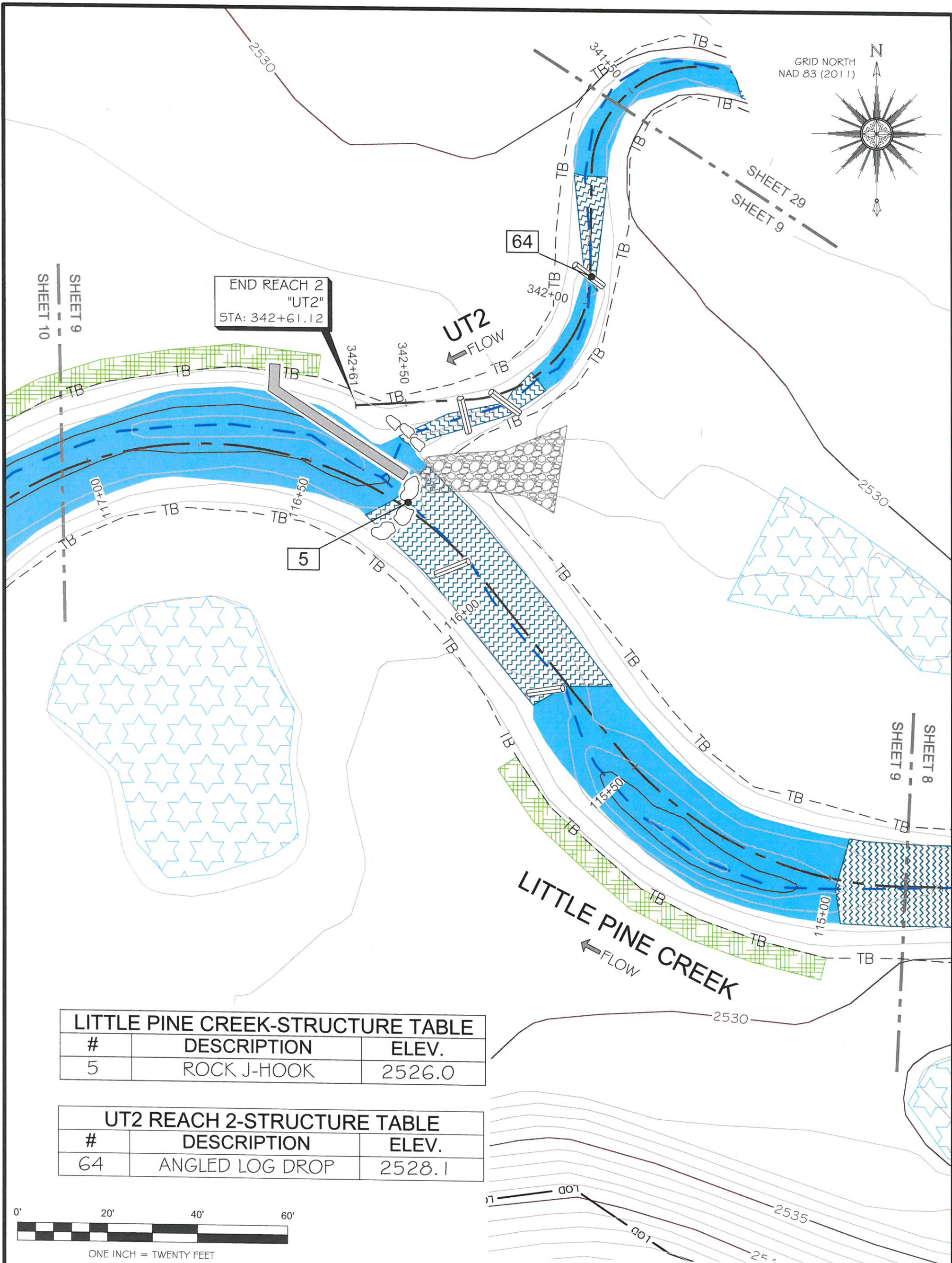
PROJECT:
LITTLE PINE CREEK III STREAM & WETLAND RESTORATION PROJECT

SHEET TITLE:
STREAM DATA: LITTLE PINE CREEK- REACH 1, REACH 2A

TOWNSHIP: GLADE CREEK	COUNTY: ALLEGHANY	STATE: NORTH CAROLINA			
DRAWN BY: NH	CHECKED BY: PBK	SURVEY BY: DD,KP,CB,SH			
SCALE: AS SHOWN	SHEET SIZE: 11" X 17"	JOB: 1509144-AB			
#	DATE	REVISIONS	#	DATE	REVISIONS



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END REACH 2
"UT2"
STA: 342+61.12

UT2
FLOW

64

5

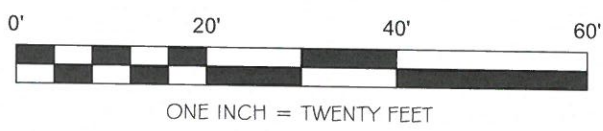
LITTLE PINE CREEK
FLOW

LITTLE PINE CREEK-STRUCTURE TABLE

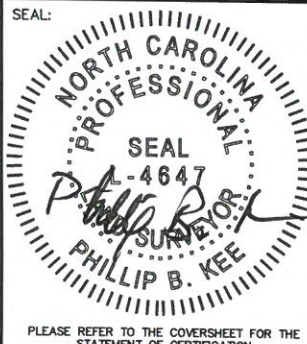
#	DESCRIPTION	ELEV.
5	ROCK J-HOOK	2526.0

UT2 REACH 2-STRUCTURE TABLE

#	DESCRIPTION	ELEV.
64	ANGLED LOG DROP	2528.1



NOTE: SEE SHEET #1 FOR SURVEYOR'S NOTES



AN AS-BUILT SURVEY FOR:
**THE STATE OF NORTH CAROLINA
DIVISION OF MITIGATION SERVICES**

SCO PROJECT NUMBER: 07-07088-03 DMS PROJECT ID: 94903

PROJECT:
LITTLE PINE CREEK III STREAM & WETLAND RESTORATION PROJECT

SHEET TITLE:
STREAM DATA: LITTLE PINE CREEK- REACH 2A, UT2-REACH 2

TOWNSHIP: GLADE CREEK	COUNTY: ALLEGHANY	STATE: NORTH CAROLINA
DRAWN BY: NH	CHECKED BY: PBK	SURVEY BY: DD, KP, CB, SH
SCALE: AS SHOWN	SHEET SIZE: 11" X 17"	JOB: 1509144-AB
		SURVEY DATES: 10/28/15-11/06/15, 3-29-16
		SHEET: 9 OF 56

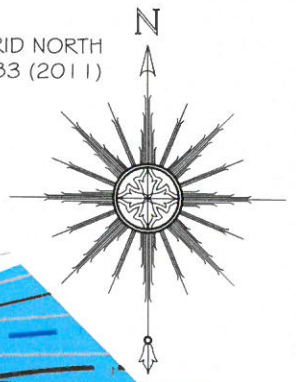
#	DATE	REVISIONS	#	DATE	REVISIONS

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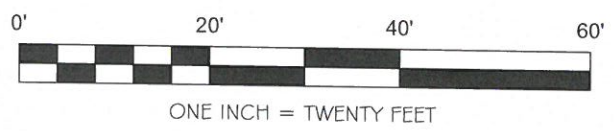
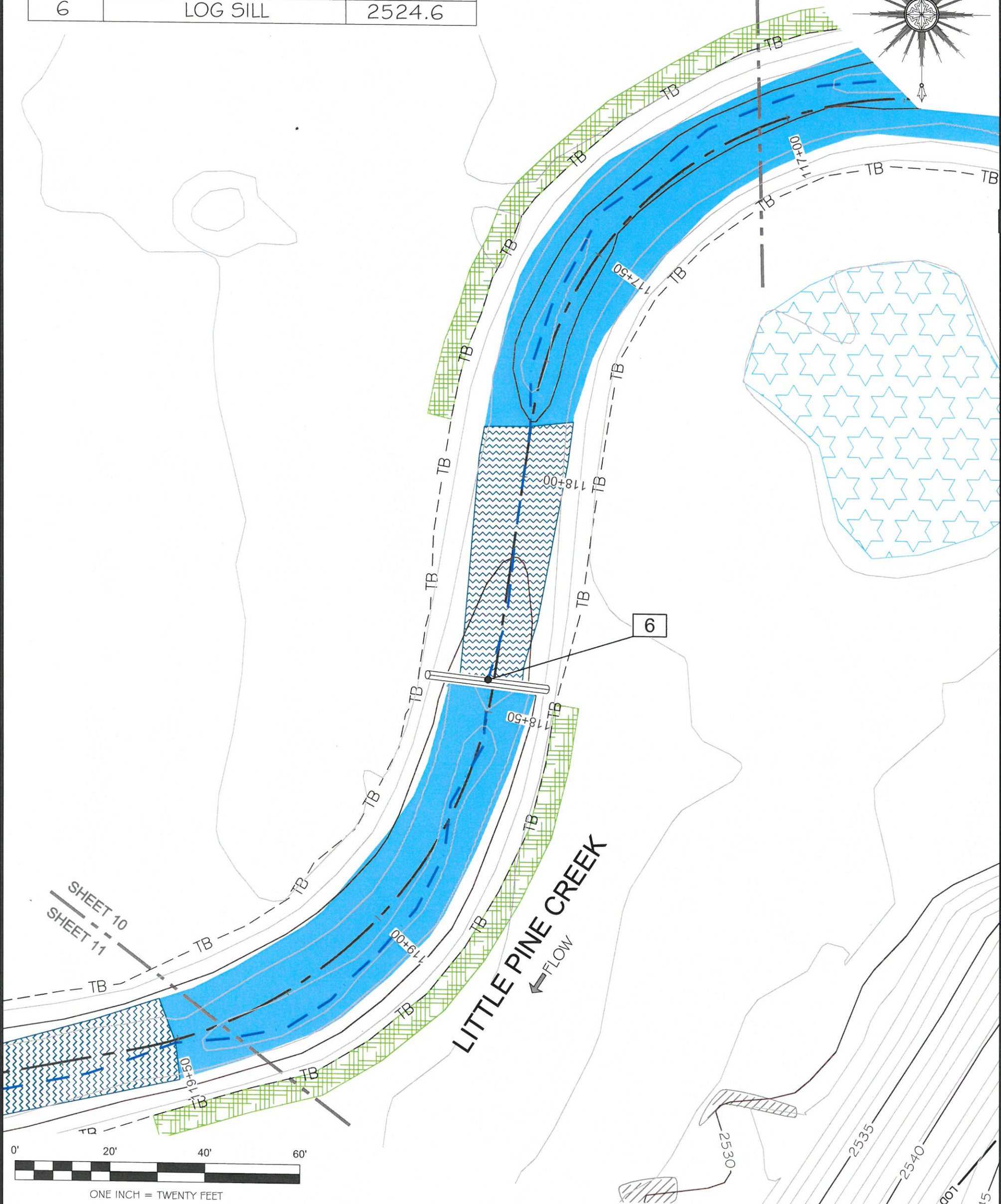
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LITTLE PINE CREEK-STRUCTURE TABLE		
#	DESCRIPTION	ELEV.
6	LOG SILL	2524.6

GRID NORTH
NAD 83 (2011)



SHEET 9
SHEET 10



AN AS-BUILT SURVEY FOR:
**THE STATE OF NORTH CAROLINA
 DIVISION OF MITIGATION SERVICES**

SCO PROJECT NUMBER: 07-07088-03 DMS PROJECT ID: 94903

PROJECT:
LITTLE PINE CREEK III STREAM & WETLAND RESTORATION PROJECT

SHEET TITLE:
STREAM DATA: LITTLE PINE CREEK- REACH 2A

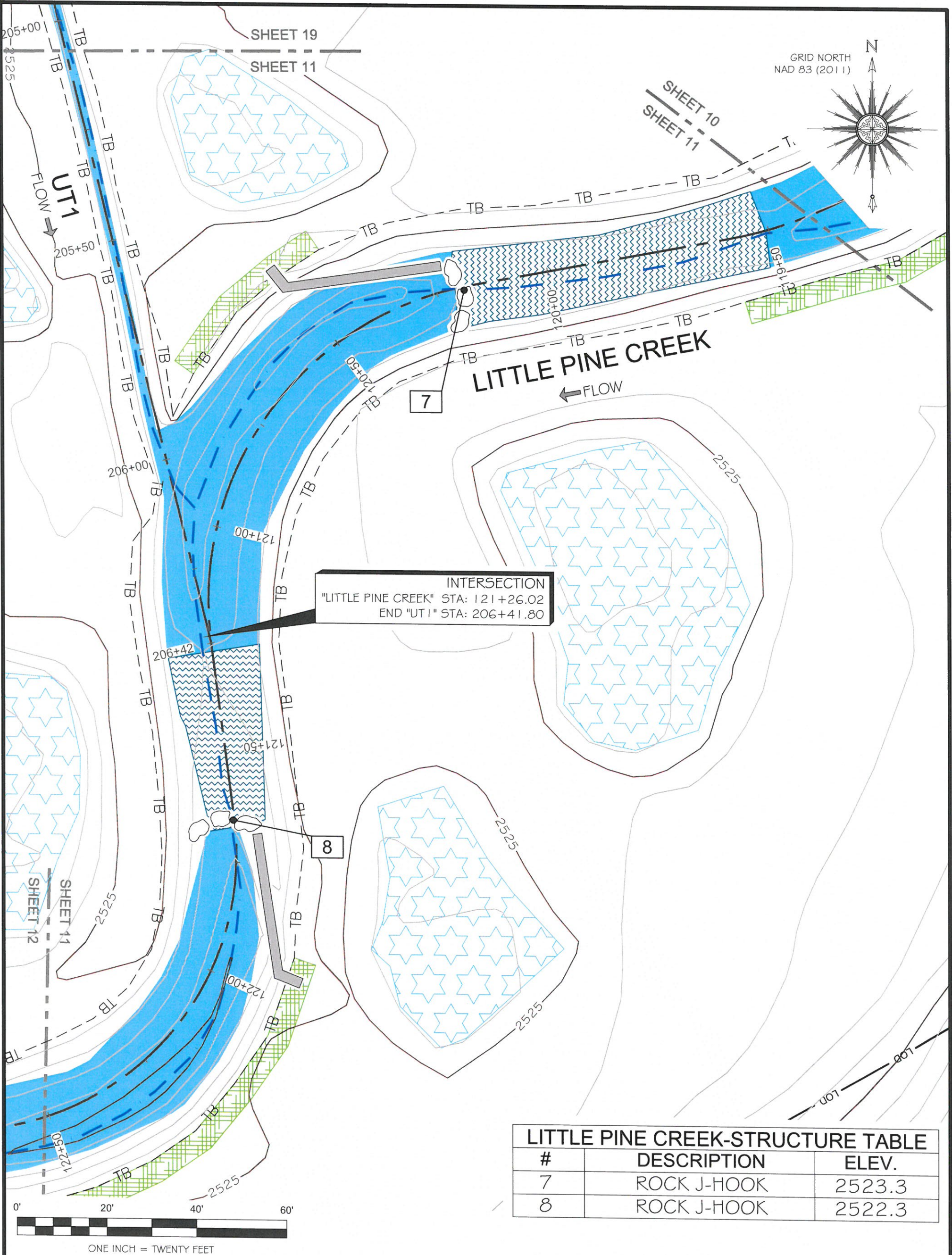
TOWNSHIP: GLADE CREEK	COUNTY: ALLEGHANY	STATE: NORTH CAROLINA
DRAWN BY: NH	CHECKED BY: PBK	SURVEY BY: DD, KP, CB, SH
SCALE: AS SHOWN	SHEET SIZE: 11" X 17"	JOB: 1509144-AB
		SURVEY DATES: 10/28/15-11/06/15, 3-29-16
		SHEET: 10 OF 56

#	DATE	REVISIONS	#	DATE	REVISIONS



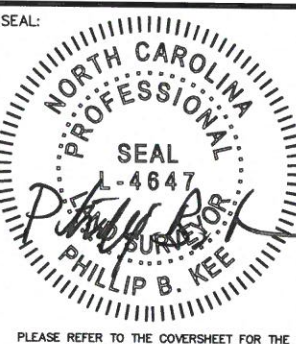
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NOTE: SEE SHEET #1 FOR SURVEYOR'S NOTES



INTERSECTION
 "LITTLE PINE CREEK" STA: 121+26.02
 END "UT1" STA: 206+41.80

#	DESCRIPTION	ELEV.
7	ROCK J-HOOK	2523.3
8	ROCK J-HOOK	2522.3



AN AS-BUILT SURVEY FOR:
THE STATE OF NORTH CAROLINA
DIVISION OF MITIGATION SERVICES

SCO PROJECT NUMBER: 07-07088-03 DMS PROJECT ID: 94903

PROJECT:
LITTLE PINE CREEK III STREAM & WETLAND RESTORATION PROJECT

SHEET TITLE:
STREAM DATA: LITTLE PINE CREEK- REACH 2A, UT1

TOWNSHIP: GLADE CREEK	COUNTY: ALLEGHANY	STATE: NORTH CAROLINA			
DRAWN BY: NH	CHECKED BY: PBK	SURVEY BY: DD,KP,CB,SH			
SCALE: AS SHOWN	SHEET SIZE: 11" X 17"	JOB: 1509144-AB			
		SHEET: 11 OF 56			
#	DATE	REVISIONS	#	DATE	REVISIONS

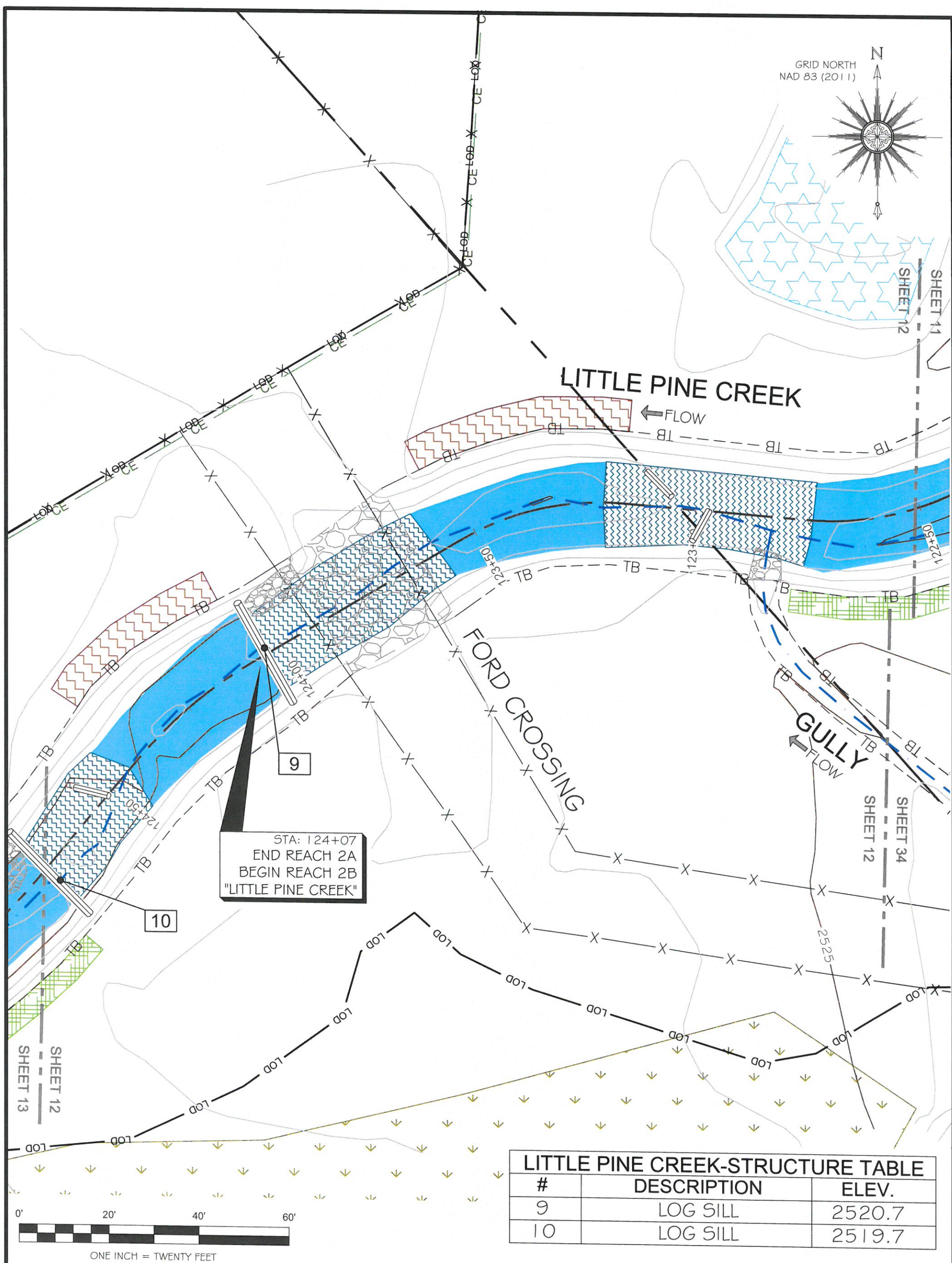
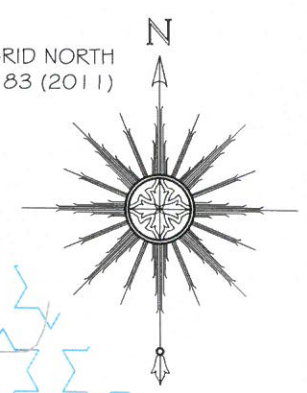


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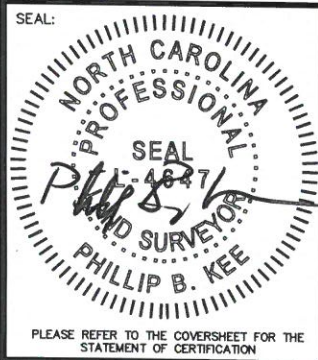
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NAD 83 (2011)



STA: 124+07
END REACH 2A
BEGIN REACH 2B
"LITTLE PINE CREEK"

LITTLE PINE CREEK-STRUCTURE TABLE		
#	DESCRIPTION	ELEV.
9	LOG SILL	2520.7
10	LOG SILL	2519.7

NOTE: SEE SHEET #1 FOR SURVEYOR'S NOTES



AN AS-BUILT SURVEY FOR:
**THE STATE OF NORTH CAROLINA
DIVISION OF MITIGATION SERVICES**

SCO PROJECT NUMBER: 07-07088-03 DMS PROJECT ID: 94903

PROJECT:
LITTLE PINE CREEK III STREAM & WETLAND RESTORATION PROJECT

SHEET TITLE:
STREAM DATA: LITTLE PINE CREEK- REACH 2A, REACH 2B, & GULLY

TOWNSHIP: GLADE CREEK	COUNTY: ALLEGHANY	STATE: NORTH CAROLINA
DRAWN BY: NH	CHECKED BY: PBK	SURVEY BY: DD,KP,CB,SH
SCALE: AS SHOWN	SHEET SIZE: 11" X 17"	JOB: 1509144-AB
		SURVEY DATES: 10/28/15-11/06/15,3-29-16
		SHEET: 12 OF 56

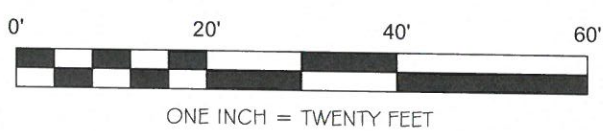
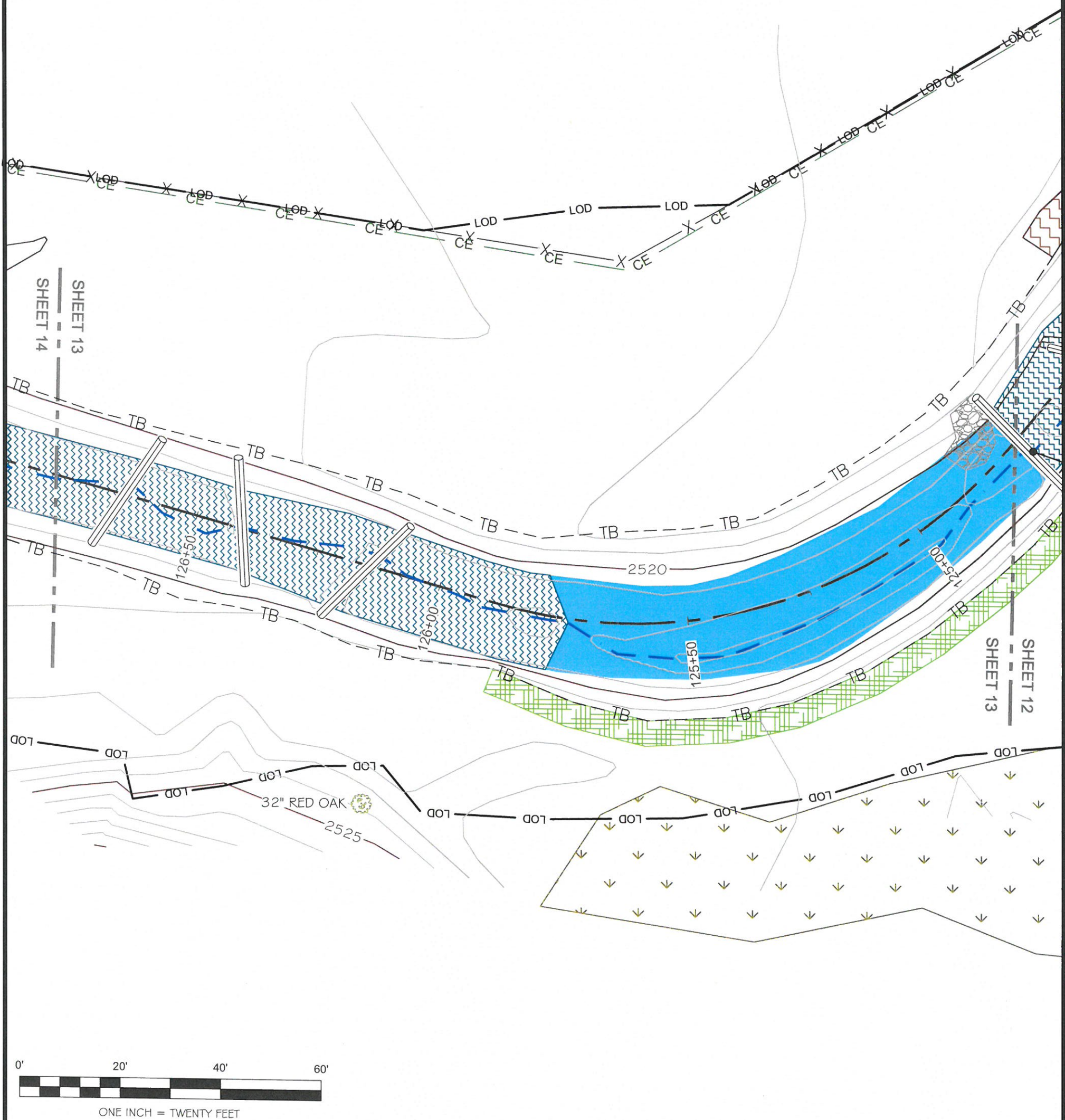
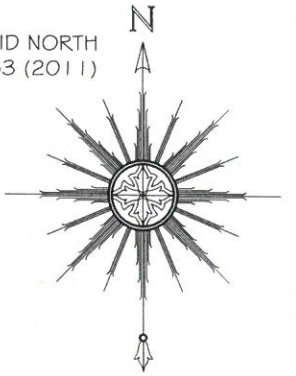
#	DATE	REVISIONS	#	DATE	REVISIONS

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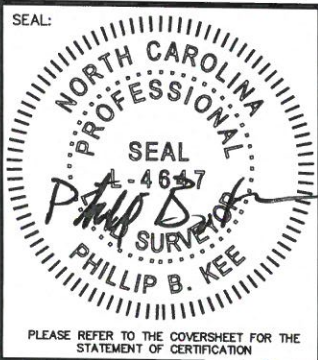
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AN AS-BUILT SURVEY FOR:
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 DIVISION OF MITIGATION SERVICES**

SCO PROJECT NUMBER: 07-07088-03 DMS PROJECT ID: 94903

PROJECT:
LITTLE PINE CREEK III STREAM & WETLAND RESTORATION PROJECT

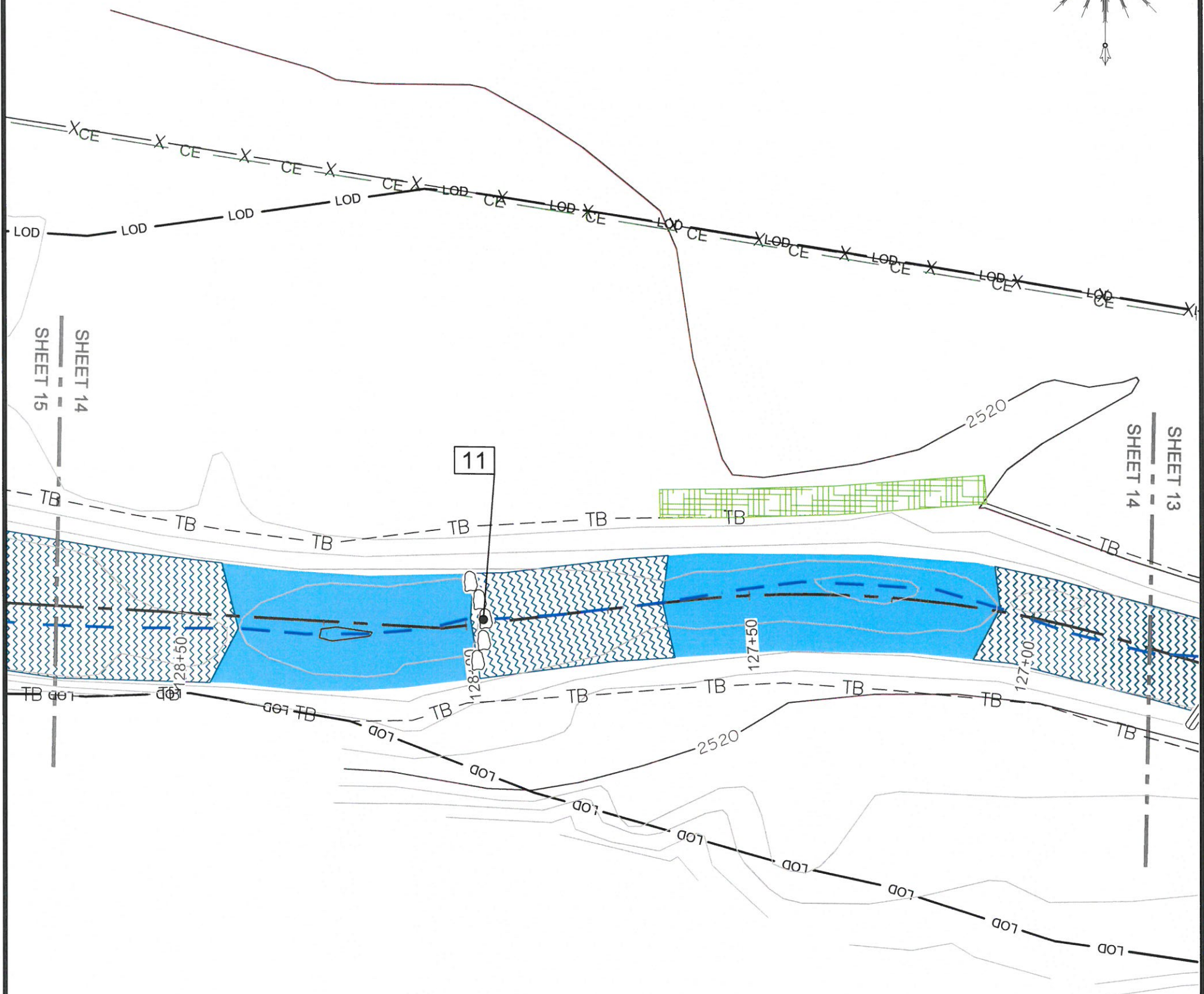
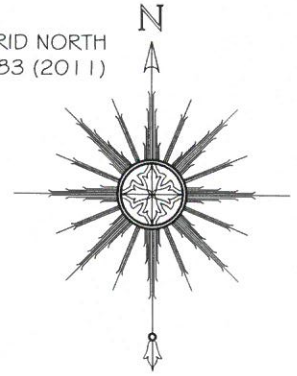
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TOWNSHIP: GLADE CREEK	COUNTY: ALLEGHANY	STATE: NORTH CAROLINA			
DRAWN BY: NH	CHECKED BY: PBK	SURVEY BY: DD, KP, CB, SH			
SCALE: AS SHOWN	SHEET SIZE: 11" X 17"	JOB: 1509144-AB			
SURVEY DATES: 10/28/15-11/06/15, 3-29-16		SHEET: 13 OF 56			
#	DATE	REVISIONS	#	DATE	REVISIONS

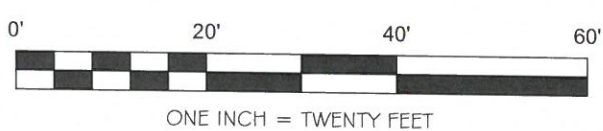


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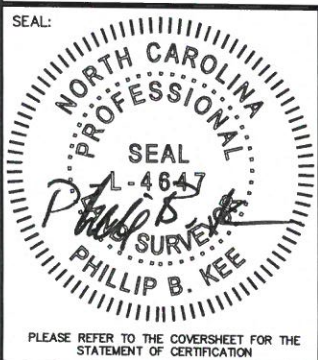
GRID NORTH
NAD 83 (2011)



LITTLE PINE CREEK-STRUCTURE TABLE		
#	DESCRIPTION	ELEV.
11	BOULDER SILL	2516.3



NOTE: SEE SHEET #1 FOR SURVEYOR'S NOTES



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DIVISION OF MITIGATION SERVICES

SCO PROJECT NUMBER: 07-07088-03 DMS PROJECT ID: 94903

PROJECT:
LITTLE PINE CREEK III STREAM & WETLAND RESTORATION PROJECT

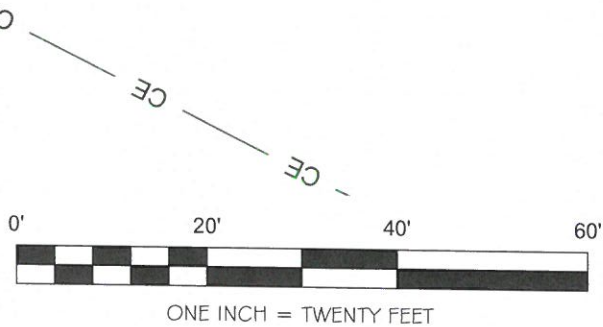
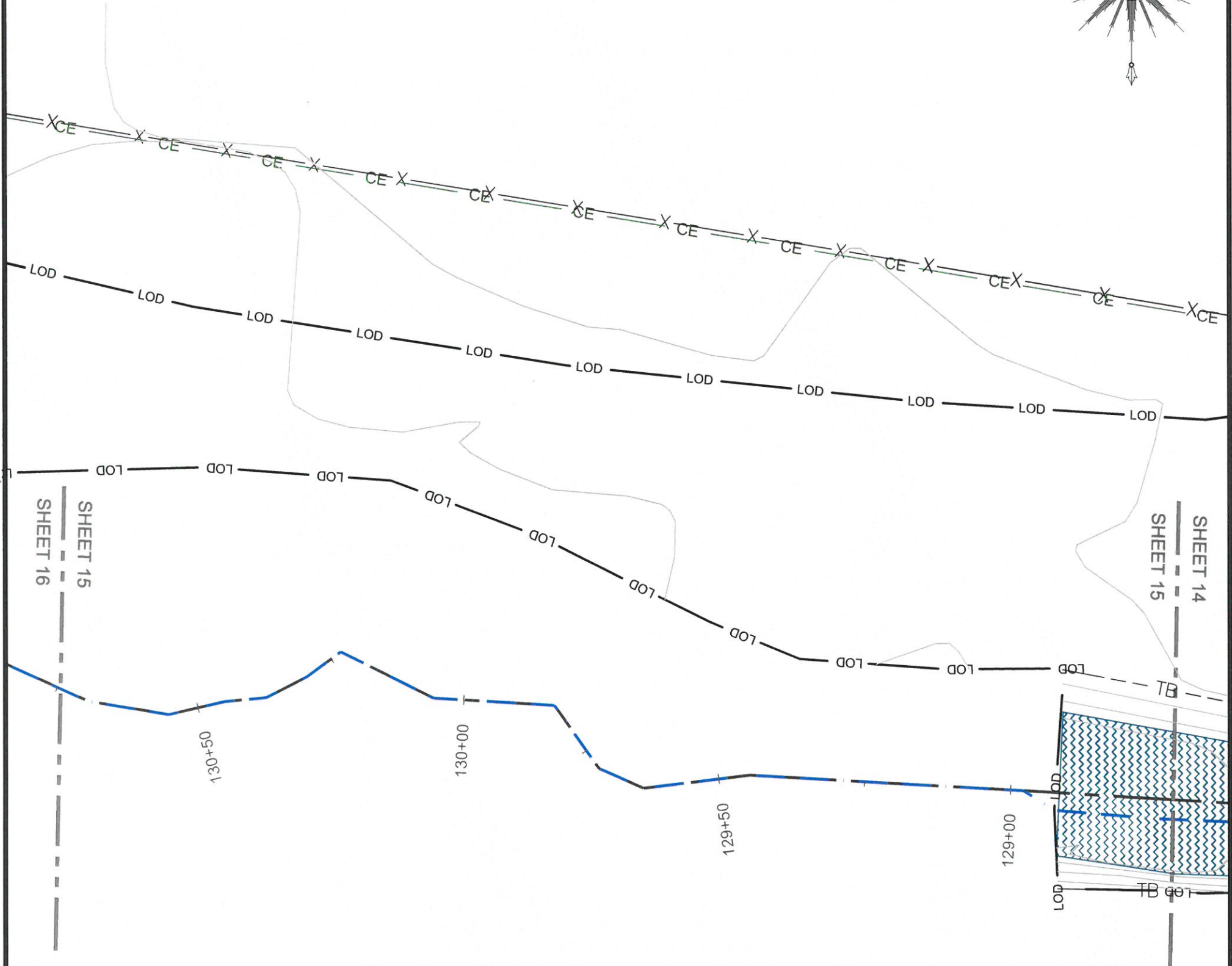
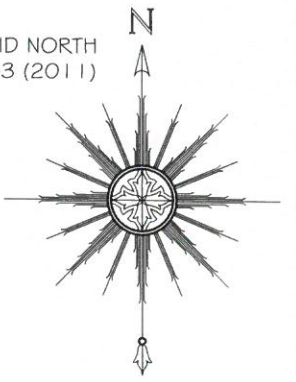
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TOWNSHIP: GLADE CREEK	COUNTY: ALLEGHANY	STATE: NORTH CAROLINA			
DRAWN BY: NH	CHECKED BY: PBK	SURVEY BY: DD, KP, CB, SH			
SCALE: AS SHOWN	SHEET SIZE: 11" X 17"	JOB: 1509144-AB			
		SURVEY DATES: 10/28/15-11/06/15, 3-29-16			
		SHEET: 14 OF 56			
#	DATE	REVISIONS	#	DATE	REVISIONS

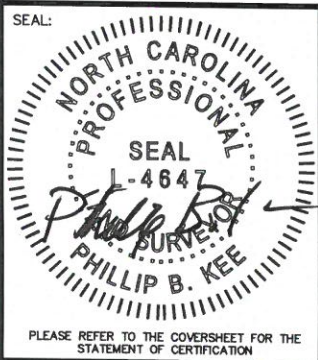


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SCO PROJECT NUMBER: 07-07088-03 DMS PROJECT ID: 94903

PROJECT:
LITTLE PINE CREEK III STREAM & WETLAND RESTORATION PROJECT

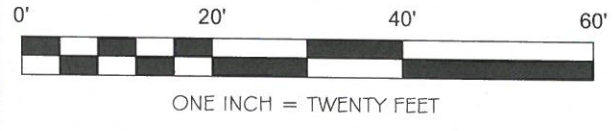
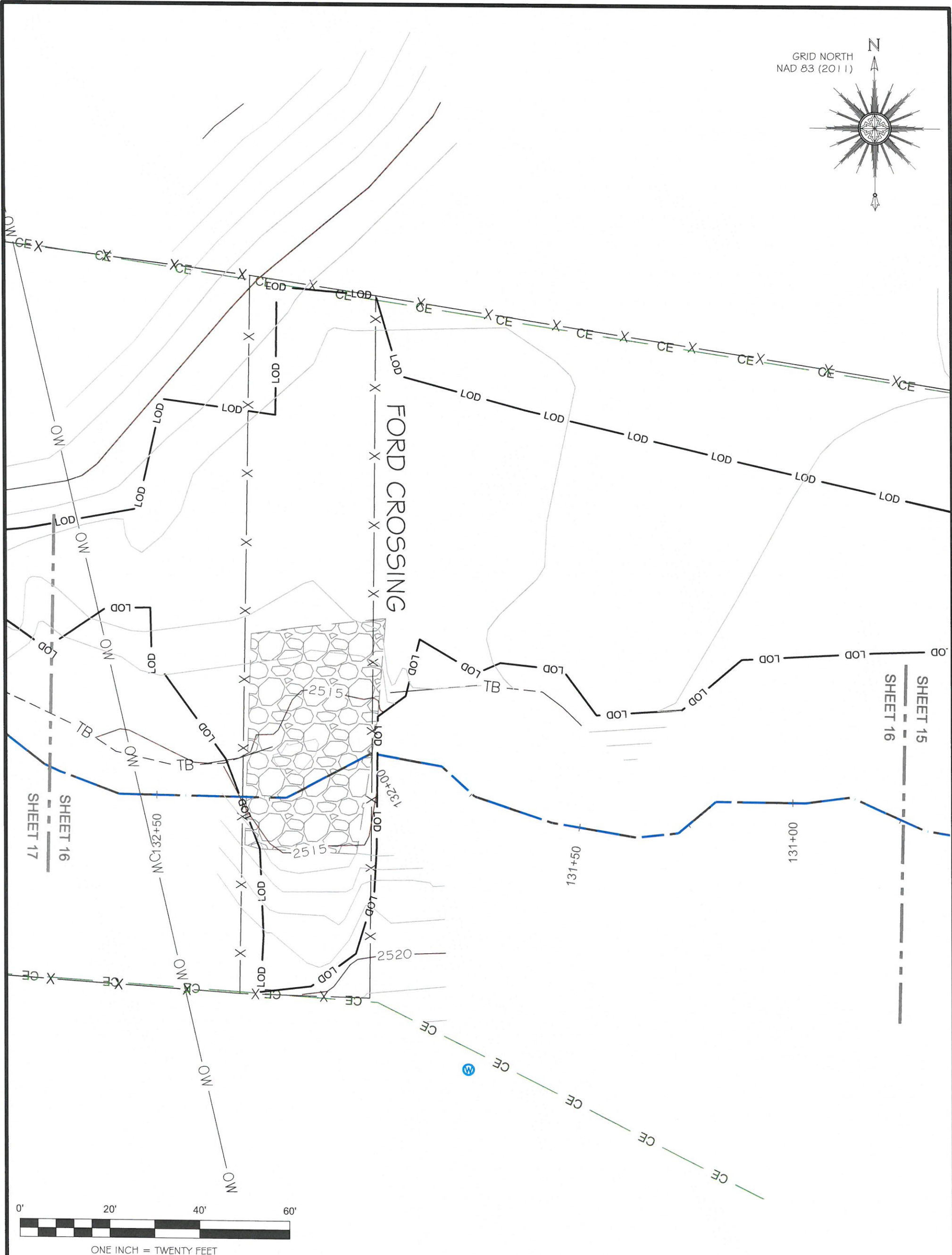
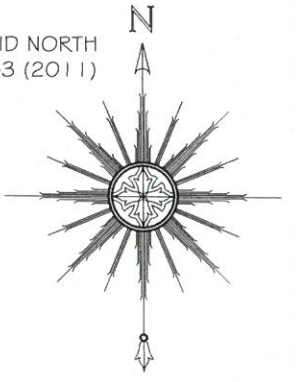
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STREAM DATA: LITTLE PINE CREEK- REACH 2B,

TOWNSHIP: GLADE CREEK		COUNTY: ALLEGHANY		STATE: NORTH CAROLINA	
DRAWN BY: NH	CHECKED BY: PBK	SURVEY BY: DD, KP, CB, SH		SURVEY DATES: 10/28/15-11/06/15, 3-29-16	
SCALE: AS SHOWN	SHEET SIZE: 11" X 17"	JOB: 1509144-AB		SHEET: 15 OF 56	
#	DATE	REVISIONS	#	DATE	REVISIONS

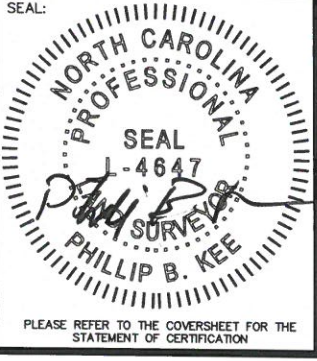


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SCO PROJECT NUMBER: 07-07088-03 DMS PROJECT ID: 94903

PROJECT:
LITTLE PINE CREEK III STREAM & WETLAND RESTORATION PROJECT

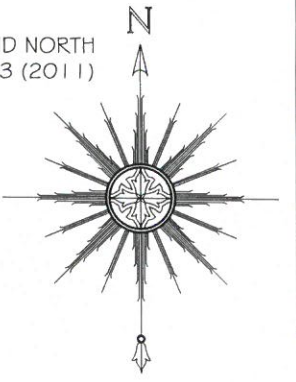
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STREAM DATA: LITTLE PINE CREEK- REACH 2B,

TOWNSHIP: GLADE CREEK		COUNTY: ALLEGHANY		STATE: NORTH CAROLINA	
DRAWN BY: NH	CHECKED BY: PBK	SURVEY BY: DD, KP, CB, SH		SURVEY DATES: 10/28/15-11/06/15, 3-29-16	
SCALE: AS SHOWN	SHEET SIZE: 11" X 17"	JOB: 1509144-AB		SHEET: 16 OF 56	
#	DATE	REVISIONS	#	DATE	REVISIONS



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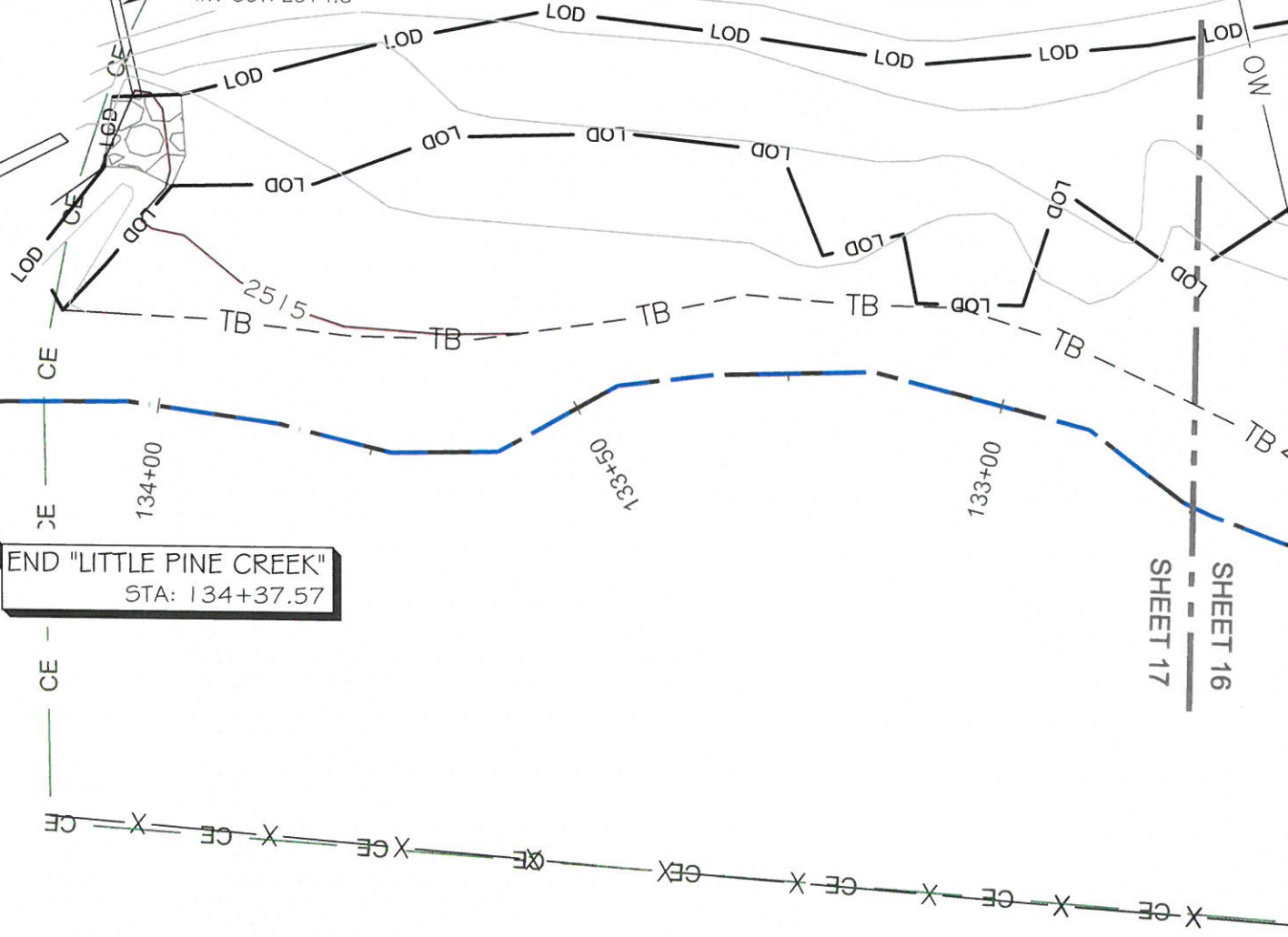
BIG OAK ROAD
SR 1454

BRIDGE

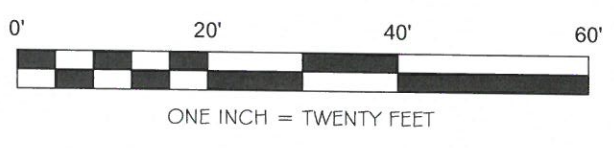
134+37.57

END "LITTLE PINE CREEK"
STA: 134+37.57

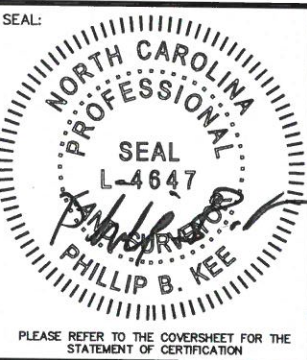
15" CPP
INV IN: 2520.7'
INV OUT: 2514.6



SHEET 16
SHEET 17



NOTE: SEE SHEET #1 FOR SURVEYOR'S NOTES



AN AS-BUILT SURVEY FOR:
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DIVISION OF MITIGATION SERVICES**

SCO PROJECT NUMBER: 07-07088-03 DMS PROJECT ID: 94903

PROJECT:
LITTLE PINE CREEK III STREAM & WETLAND RESTORATION PROJECT

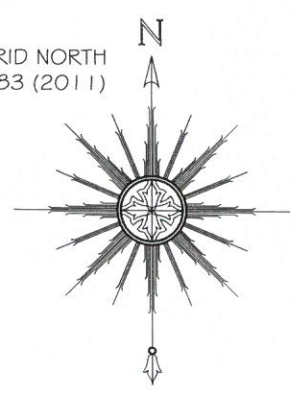
SHEET TITLE:
STREAM DATA: LITTLE PINE CREEK- REACH 2B,

TOWNSHIP: GLADE CREEK	COUNTY: ALLEGHANY	STATE: NORTH CAROLINA			
DRAWN BY: NH	CHECKED BY: PBK	SURVEY BY: DD, KP, CB, SH			
SCALE: AS SHOWN	SHEET SIZE: 11" X 17"	JOB: 1509144-AB			
		SHEET: 17 OF 56			
#	DATE	REVISIONS	#	DATE	REVISIONS



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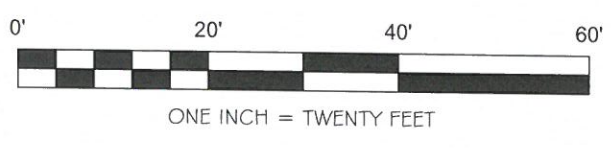


SHEET 18
199+50

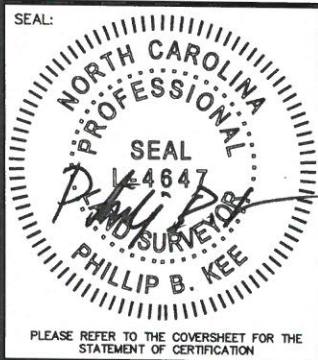
CULVERT CROSSING



UT1
FLOW



NOTE: SEE SHEET #1 FOR SURVEYOR'S NOTES



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DIVISION OF MITIGATION SERVICES**

SCO PROJECT NUMBER: 07-07088-03 DMS PROJECT ID: 94903

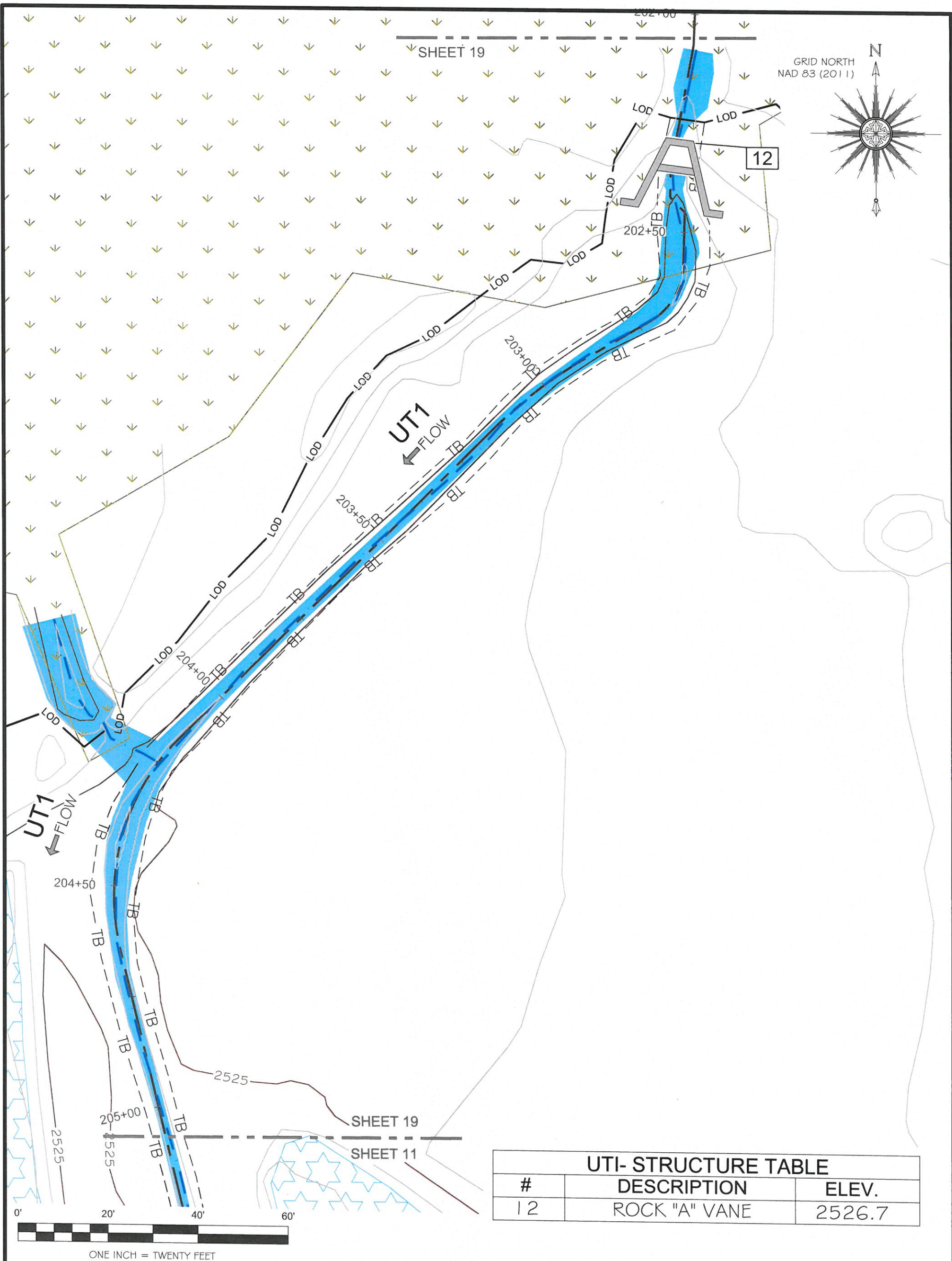
PROJECT:
LITTLE PINE CREEK III STREAM & WETLAND RESTORATION PROJECT

SHEET TITLE:
STREAM DATA: UT1

TOWNSHIP: GLADE CREEK	COUNTY: ALLEGHANY	STATE: NORTH CAROLINA			
DRAWN BY: NH	CHECKED BY: PBK	SURVEY BY: DD, KP, CB, SH			
SCALE: AS SHOWN	SHEET SIZE: 11" X 17"	JOB: 1509144-AB			
		SHEET: 18 OF 56			
#	DATE	REVISIONS	#	DATE	REVISIONS



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UTI- STRUCTURE TABLE		
#	DESCRIPTION	ELEV.
12	ROCK "A" VANE	2526.7



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SCO PROJECT NUMBER: 07-07088-03 DMS PROJECT ID: 94903

PROJECT:
LITTLE PINE CREEK III STREAM & WETLAND RESTORATION PROJECT

SHEET TITLE:
STREAM DATA: UT1

TOWNSHIP: GLADE CREEK	COUNTY: ALLEGHANY	STATE: NORTH CAROLINA
DRAWN BY: NH	CHECKED BY: PBK	SURVEY BY: DD, KP, CB, SH
SCALE: AS SHOWN	SHEET SIZE: 11" X 17"	JOB: 1509144-AB
		SURVEY DATES: 10/28/15-11/06/15, 3-29-16
		SHEET: 19 OF 56

NOTE: SEE SHEET #1 FOR SURVEYOR'S NOTES

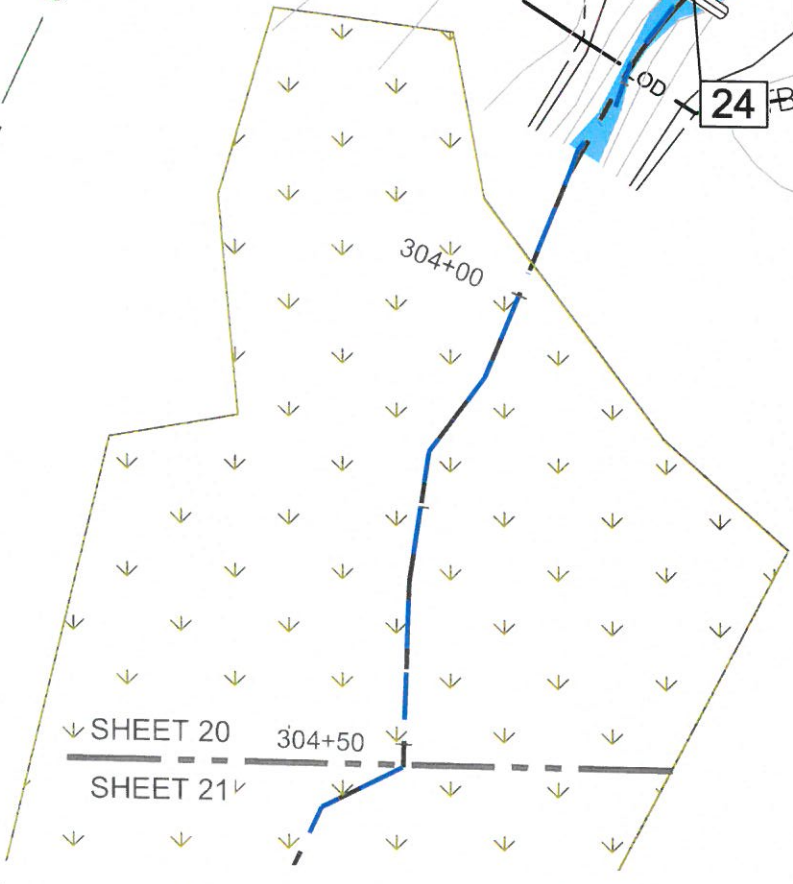
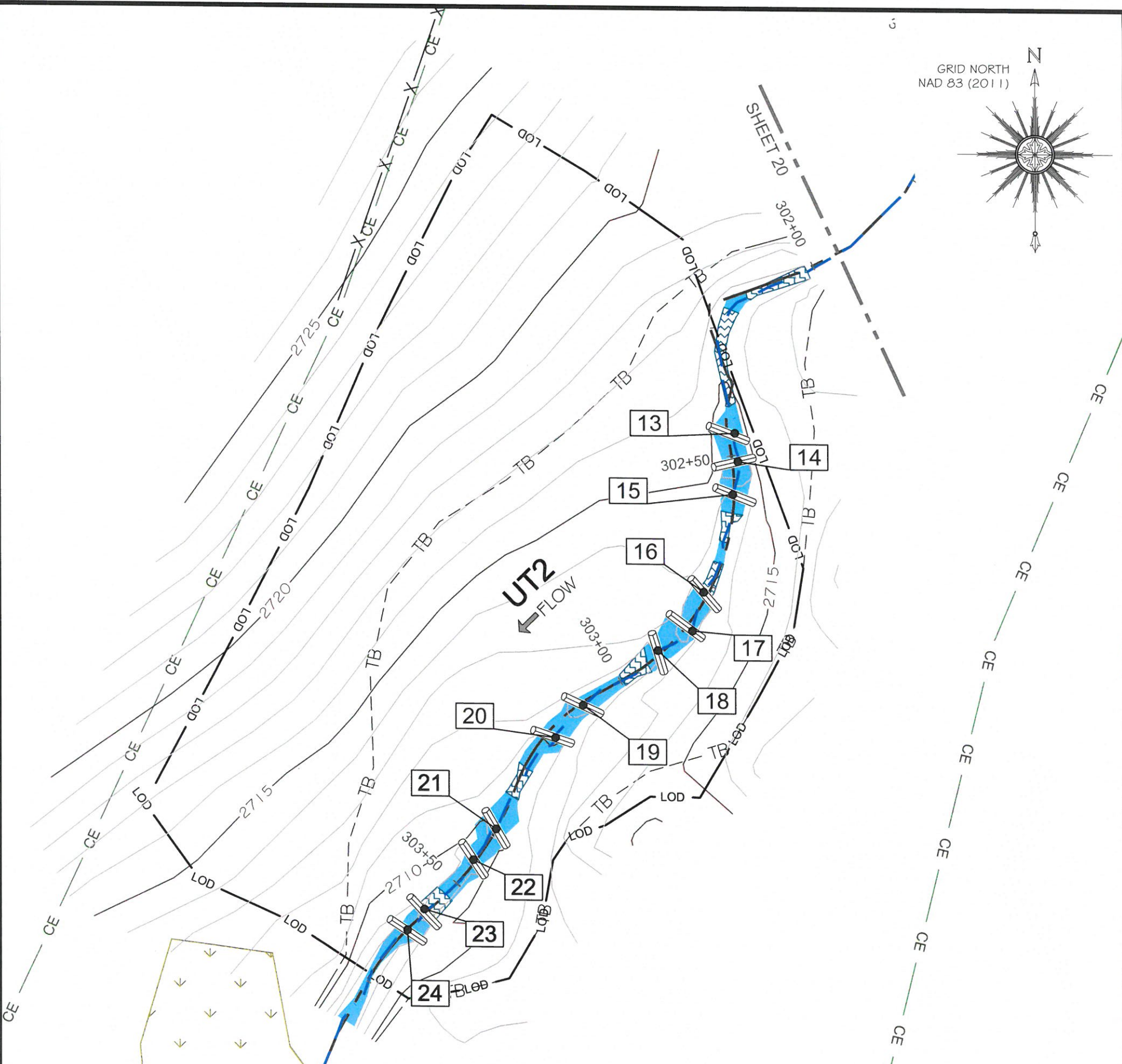
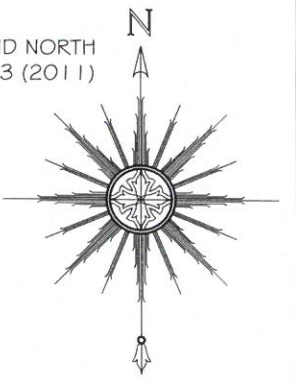
#	DATE	REVISIONS	#	DATE	REVISIONS

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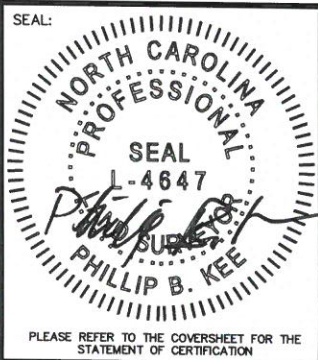
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ONE INCH = TWENTY FEET

UT2 REACH 1-STRUCTURE TABLE		
#	DESCRIPTION	ELEV.
13	ANGLED LOG DROP	2715.0
14	ANGLED LOG DROP	2714.5
15	ANGLED LOG DROP	2714.1
16	ANGLED LOG DROP	2713.2
17	ANGLED LOG DROP	2712.9
18	ANGLED LOG DROP	2712.5
19	ANGLED LOG DROP	2711.7
20	ANGLED LOG DROP	2711.3
21	ANGLED LOG DROP	2710.2
22	ANGLED LOG DROP	2709.7
23	ANGLED LOG DROP	2709.0
24	ANGLED LOG DROP	2708.4

NOTE: SEE SHEET #1 FOR SURVEYOR'S NOTES



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 DIVISION OF MITIGATION SERVICES

SCO PROJECT NUMBER: 07-07088-03 DMS PROJECT ID: 94903

PROJECT:
LITTLE PINE CREEK III STREAM & WETLAND RESTORATION PROJECT

SHEET TITLE:
STREAM DATA: UT2-REACH 1

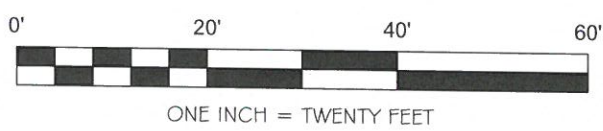
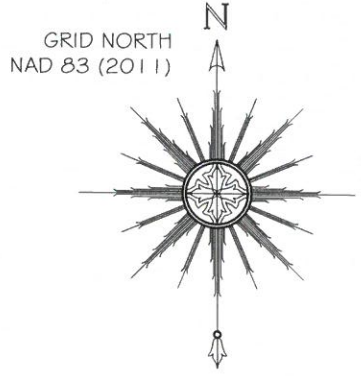
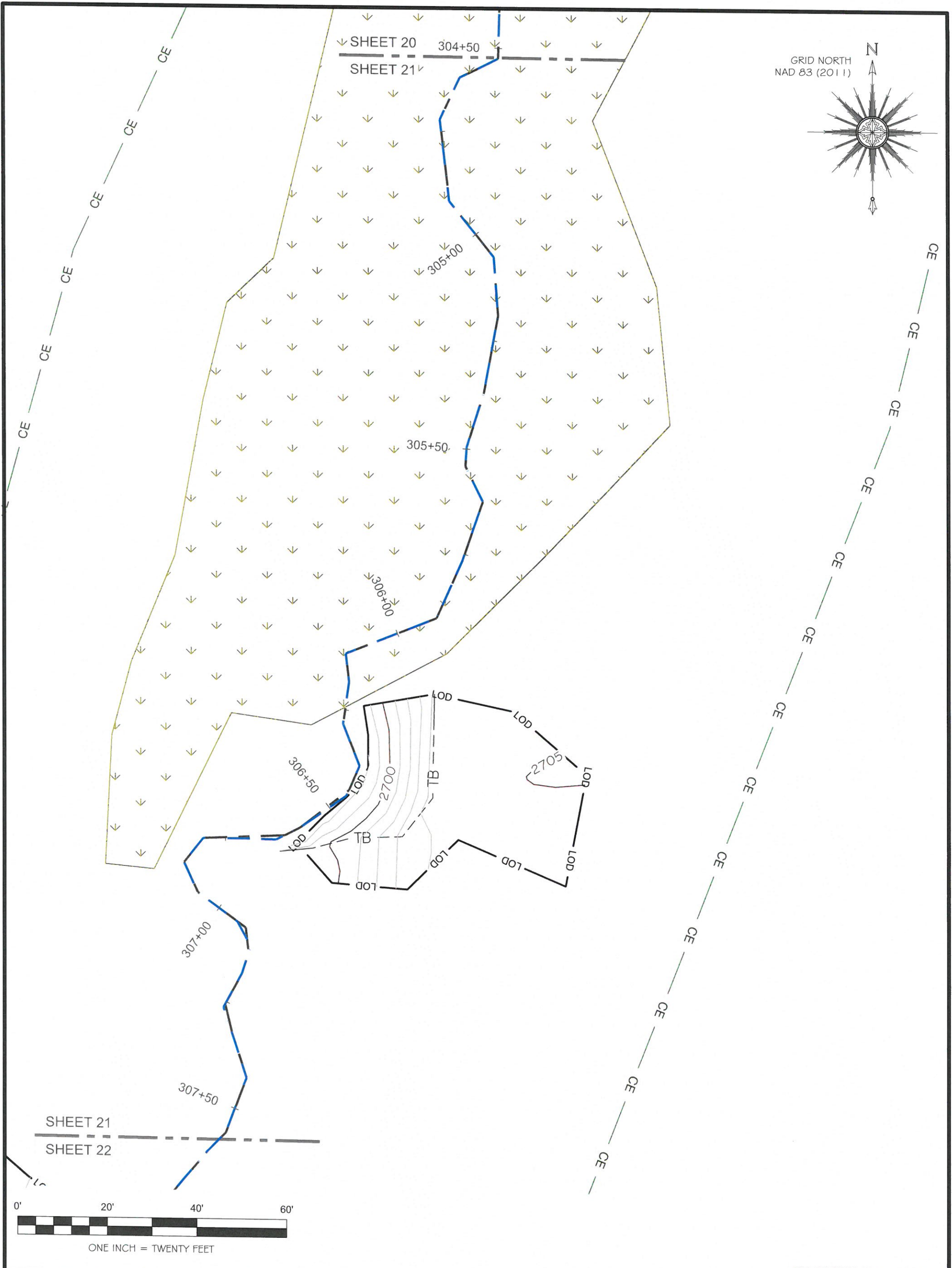
TOWNSHIP: GLADE CREEK	COUNTY: ALLEGHANY	STATE: NORTH CAROLINA
DRAWN BY: NH	CHECKED BY: PBK	SURVEY BY: DD, KP, CB, SH
SCALE: AS SHOWN	SHEET SIZE: 11" X 17"	JOB: 1509144-AB
		SURVEY DATES: 10/28/15-11/06/15, 3-29-16
		SHEET: 20 OF 56

#	DATE	REVISIONS	#	DATE	REVISIONS

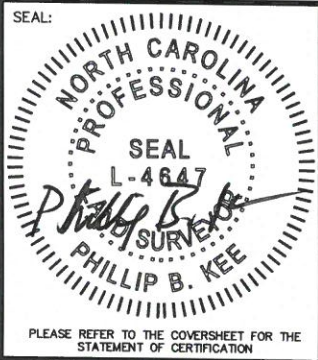
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 DIVISION OF MITIGATION SERVICES

SCO PROJECT NUMBER: 07-07088-03 DMS PROJECT ID: 94903

PROJECT:
LITTLE PINE CREEK III STREAM & WETLAND RESTORATION PROJECT

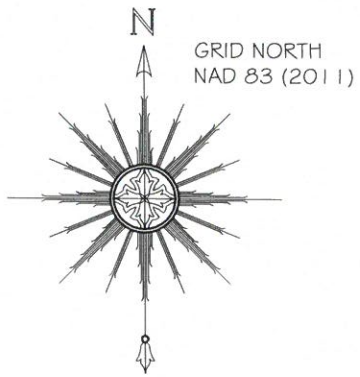
SHEET TITLE:
STREAM DATA: UT2-REACH 1

TOWNSHIP: GLADE CREEK	COUNTY: ALLEGHANY	STATE: NORTH CAROLINA			
DRAWN BY: NH	CHECKED BY: PBK	SURVEY BY: DD, KP, CB, SH			
SCALE: AS SHOWN	SHEET SIZE: 11" X 17"	JOB: 1509144-AB			
		SURVEY DATES: 10/28/15-11/06/15, 3-29-16			
		SHEET: 21 OF 56			
#	DATE	REVISIONS	#	DATE	REVISIONS

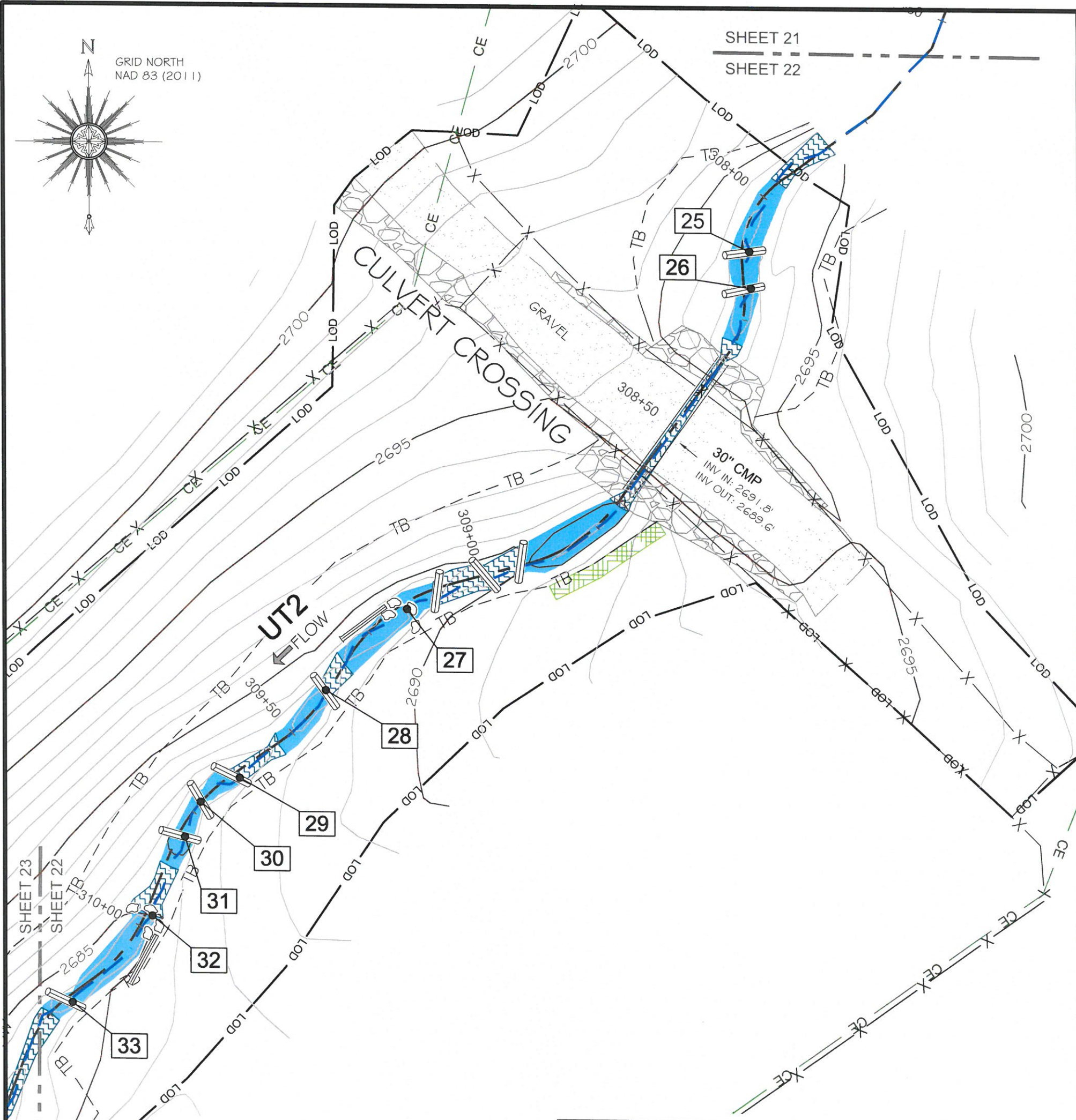


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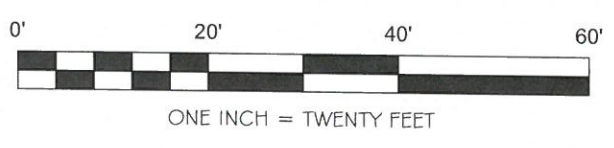
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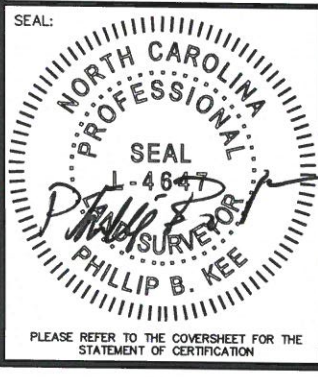
SHEET 21
SHEET 22



UT2 REACH 1-STRUCTURE TABLE		
#	DESCRIPTION	ELEV.
25	ANGLED LOG DROP	2693.3
26	ANGLED LOG DROP	2692.7
27	LOG J-HOOK	2688.6
28	ANGLED LOG DROP	2687.8
29	ANGLED LOG DROP	2686.5
30	ANGLED LOG DROP	2686.0
31	ANGLED LOG DROP	2685.8
32	LOG J-HOOK	2684.8
33	ANGLED LOG DROP	2684.0



NOTE: SEE SHEET #1 FOR SURVEYOR'S NOTES



AN AS-BUILT SURVEY FOR:
THE STATE OF NORTH CAROLINA
 DIVISION OF MITIGATION SERVICES

SCO PROJECT NUMBER: 07-07088-03 DMS PROJECT ID: 94903

PROJECT:
LITTLE PINE CREEK III STREAM & WETLAND RESTORATION PROJECT

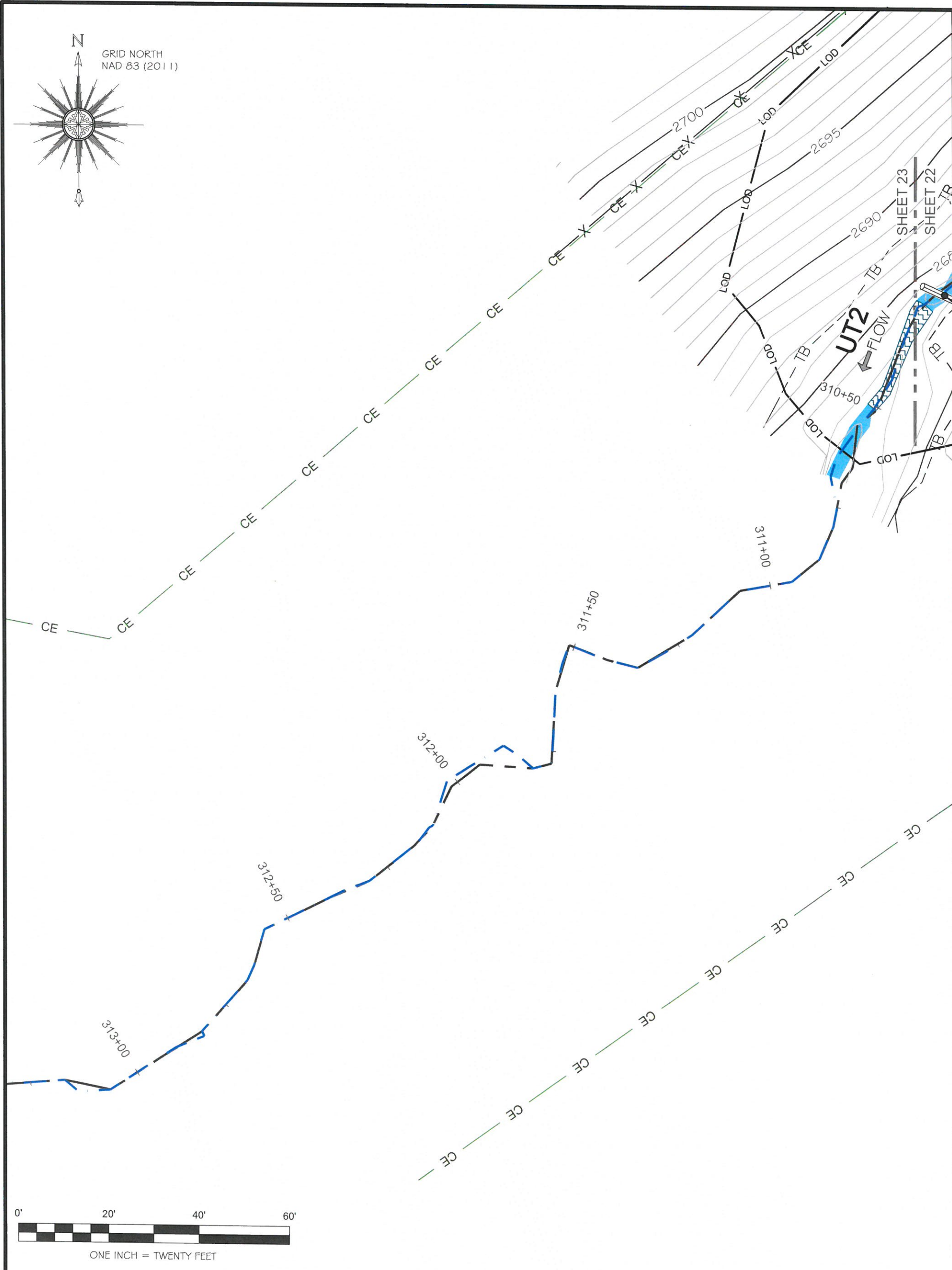
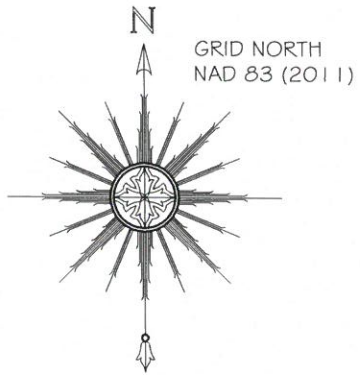
SHEET TITLE:
STREAM DATA: UT2-REACH 1

TOWNSHIP: GLADE CREEK	COUNTY: ALLEGHANY	STATE: NORTH CAROLINA
DRAWN BY: NH	CHECKED BY: PBK	SURVEY BY: DD,KP,CB,SH
SCALE: AS SHOWN	SHEET SIZE: 11" X 17"	JOB: 1509144-AB
# DATE REVISIONS # DATE REVISIONS		SHEET: 22 OF 56

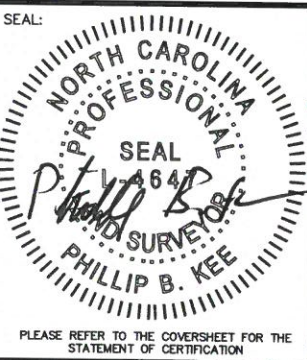
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AN AS-BUILT SURVEY FOR:
**THE STATE OF NORTH CAROLINA
 DIVISION OF MITIGATION SERVICES**

SCO PROJECT NUMBER: 07-07088-03 DMS PROJECT ID: 94903

PROJECT:
LITTLE PINE CREEK III STREAM & WETLAND RESTORATION PROJECT

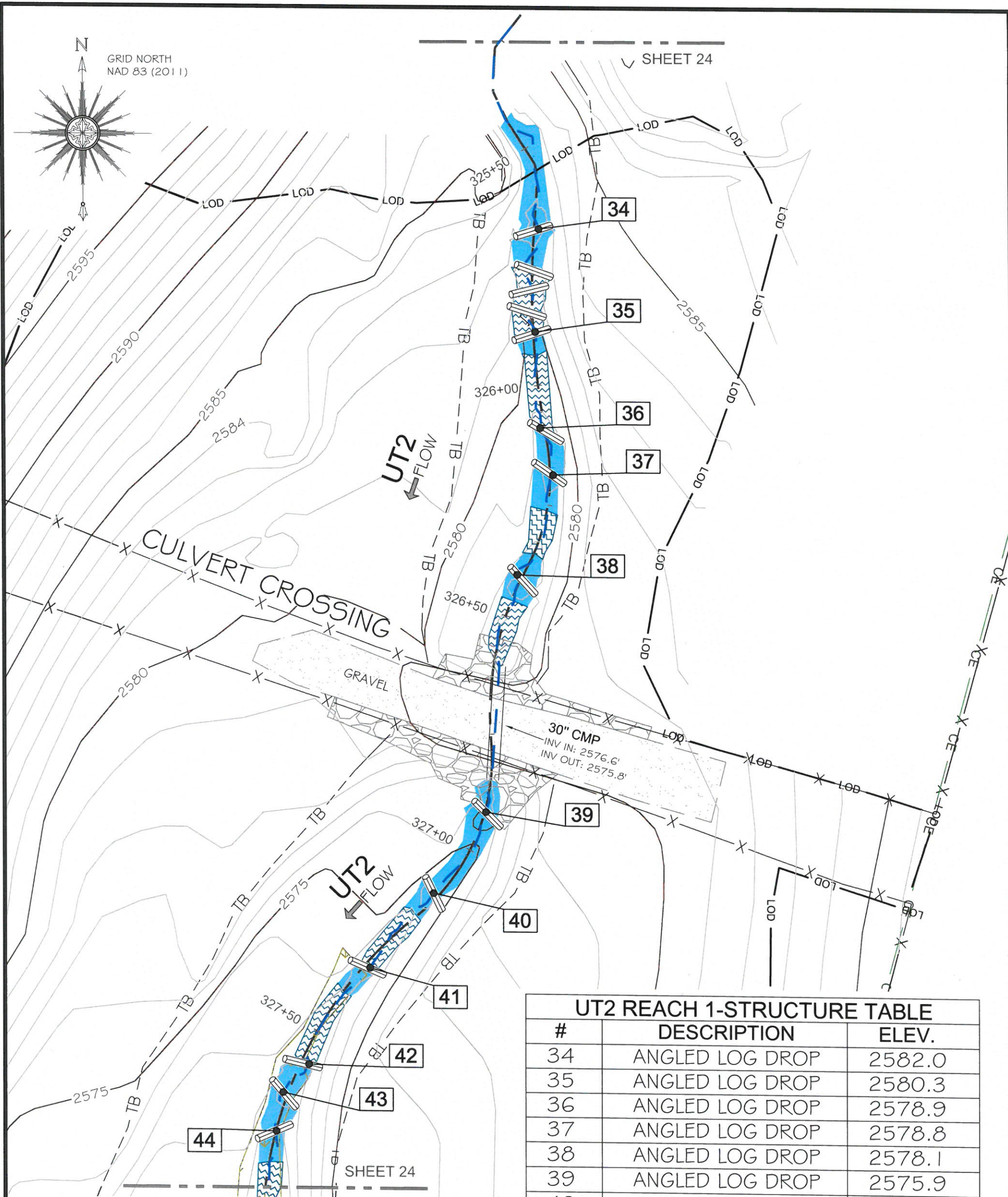
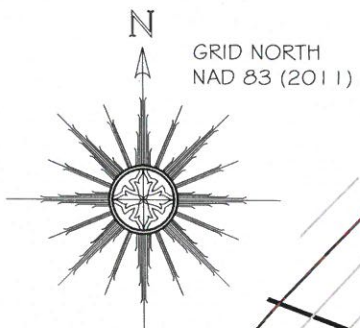
SHEET TITLE:
STREAM DATA: UT2-REACH 1

TOWNSHIP: GLADE CREEK		COUNTY: ALLEGHANY		STATE: NORTH CAROLINA	
DRAWN BY: NH	CHECKED BY: PBK	SURVEY BY: DD, KP, CB, SH		SURVEY DATES: 10/28/15-11/06/15, 3-29-16	
SCALE: AS SHOWN	SHEET SIZE: 11" X 17"	JOB: 1509144-AB		SHEET: 23 OF 56	
#	DATE	REVISIONS	#	DATE	REVISIONS



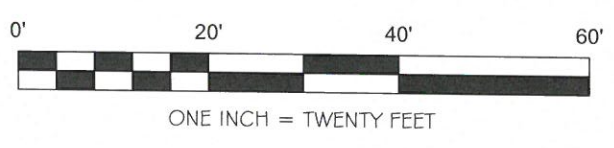
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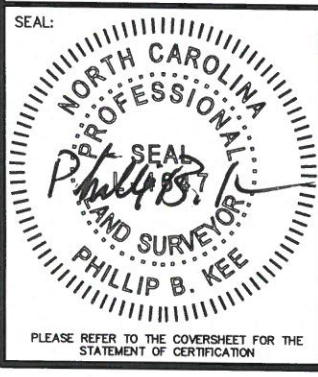


UT2 REACH 1-STRUCTURE TABLE

#	DESCRIPTION	ELEV.
34	ANGLED LOG DROP	2582.0
35	ANGLED LOG DROP	2580.3
36	ANGLED LOG DROP	2578.9
37	ANGLED LOG DROP	2578.8
38	ANGLED LOG DROP	2578.1
39	ANGLED LOG DROP	2575.9
40	ANGLED LOG DROP	2574.6
41	ANGLED LOG DROP	2573.5
42	ANGLED LOG DROP	2572.4
43	ANGLED LOG DROP	2571.8
44	ANGLED LOG DROP	2571.3



NOTE: SEE SHEET #1 FOR SURVEYOR'S NOTES



AN AS-BUILT SURVEY FOR:
THE STATE OF NORTH CAROLINA
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SCO PROJECT NUMBER: 07-07088-03 DMS PROJECT ID: 94903

PROJECT:
LITTLE PINE CREEK III STREAM & WETLAND RESTORATION PROJECT

SHEET TITLE:
STREAM DATA: UT2-REACH 1

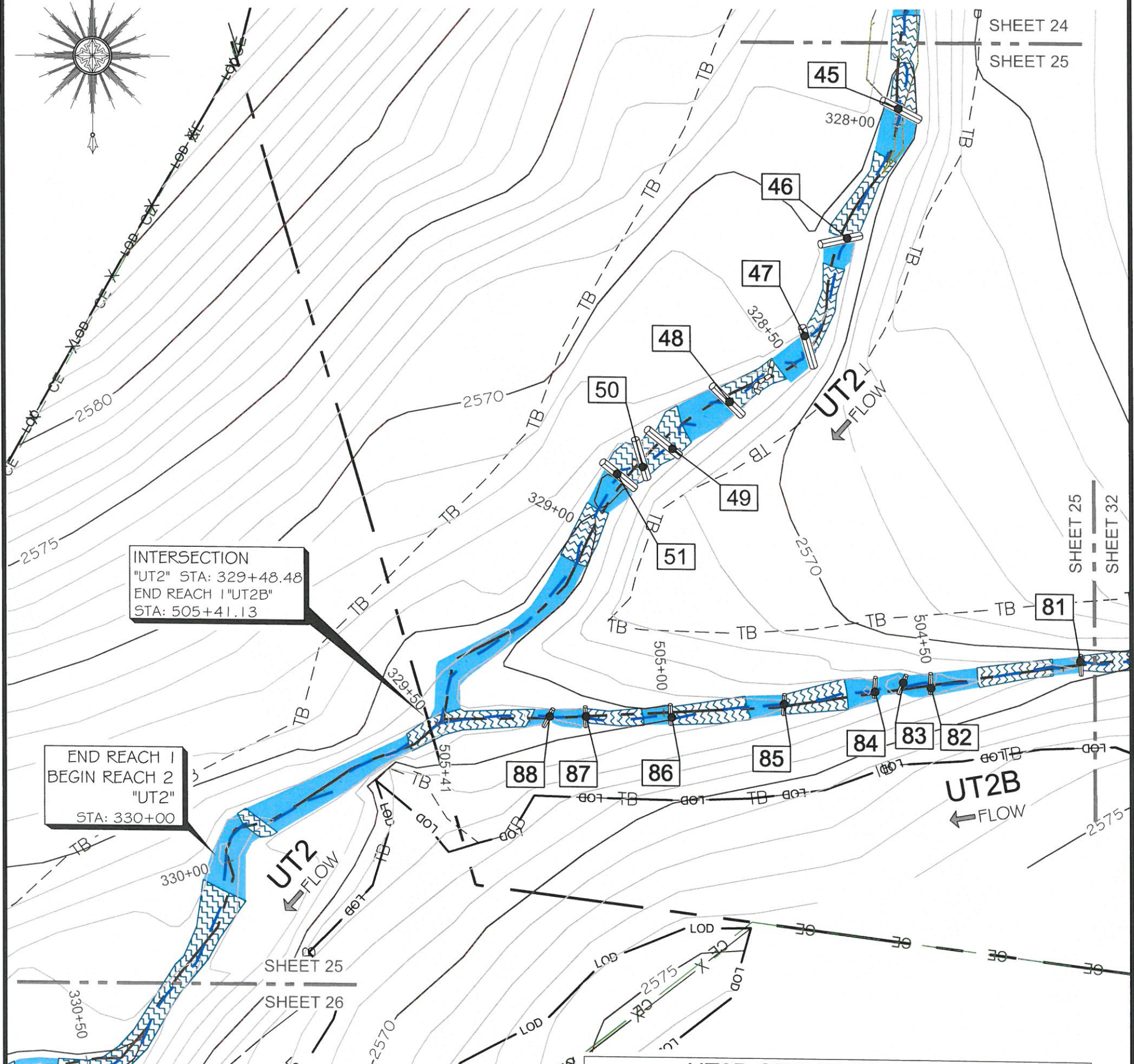
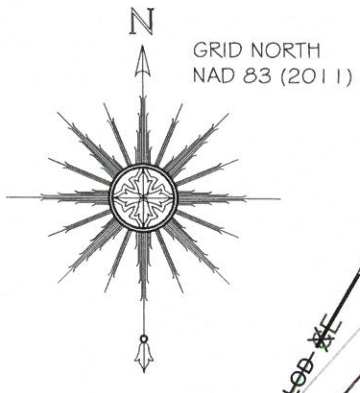
TOWNSHIP: GLADE CREEK	COUNTY: ALLEGHANY	STATE: NORTH CAROLINA
DRAWN BY: NH	CHECKED BY: PBK	SURVEY BY: DD,KP,CB,SH
SCALE: AS SHOWN	SHEET SIZE: 11" X 17"	JOB: 1509144-AB
		SHEET: 24 OF 56

#	DATE	REVISIONS	#	DATE	REVISIONS

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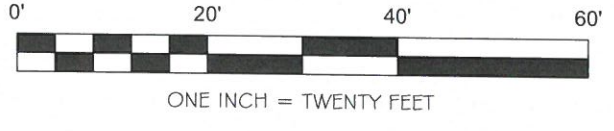


INTERSECTION
 "UT2" STA: 329+48.48
 END REACH 1 "UT2B"
 STA: 505+41.13

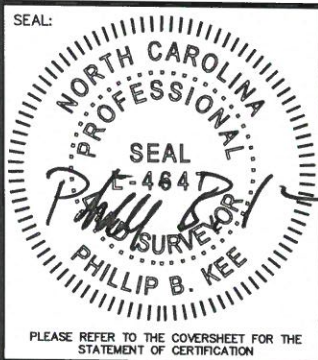
END REACH 1
 BEGIN REACH 2
 "UT2"
 STA: 330+00

UT2 REACH 1-STRUCTURE TABLE		
#	DESCRIPTION	ELEV.
45	ANGLED LOG DROP	2569.6
46	ANGLED LOG DROP	2569.1
47	ANGLED LOG DROP	2568.0
48	ANGLED LOG DROP	2566.8
49	ANGLED LOG DROP	2566.4
50	ANGLED LOG DROP	2566.2
51	ANGLED LOG DROP	2565.8

UT2B-STRUCTURE TABLE		
#	DESCRIPTION	ELEV.
81	ANGLED LOG DROP	2569.3
82	ANGLED LOG DROP	2568.0
83	ANGLED LOG DROP	2567.8
84	ANGLED LOG DROP	2567.2
85	ANGLED LOG DROP	2566.2
86	ANGLED LOG DROP	2565.3
87	ANGLED LOG DROP	2564.4
88	ANGLED LOG DROP	2564.0



NOTE: SEE SHEET #1 FOR SURVEYOR'S NOTES



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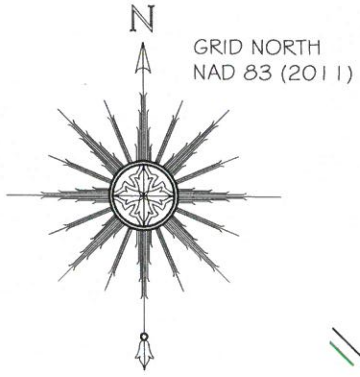
PROJECT:
 LITTLE PINE CREEK III STREAM & WETLAND RESTORATION PROJECT

SHEET TITLE:
 STREAM DATA: UT2-REACH 1, REACH 2, & UT2B

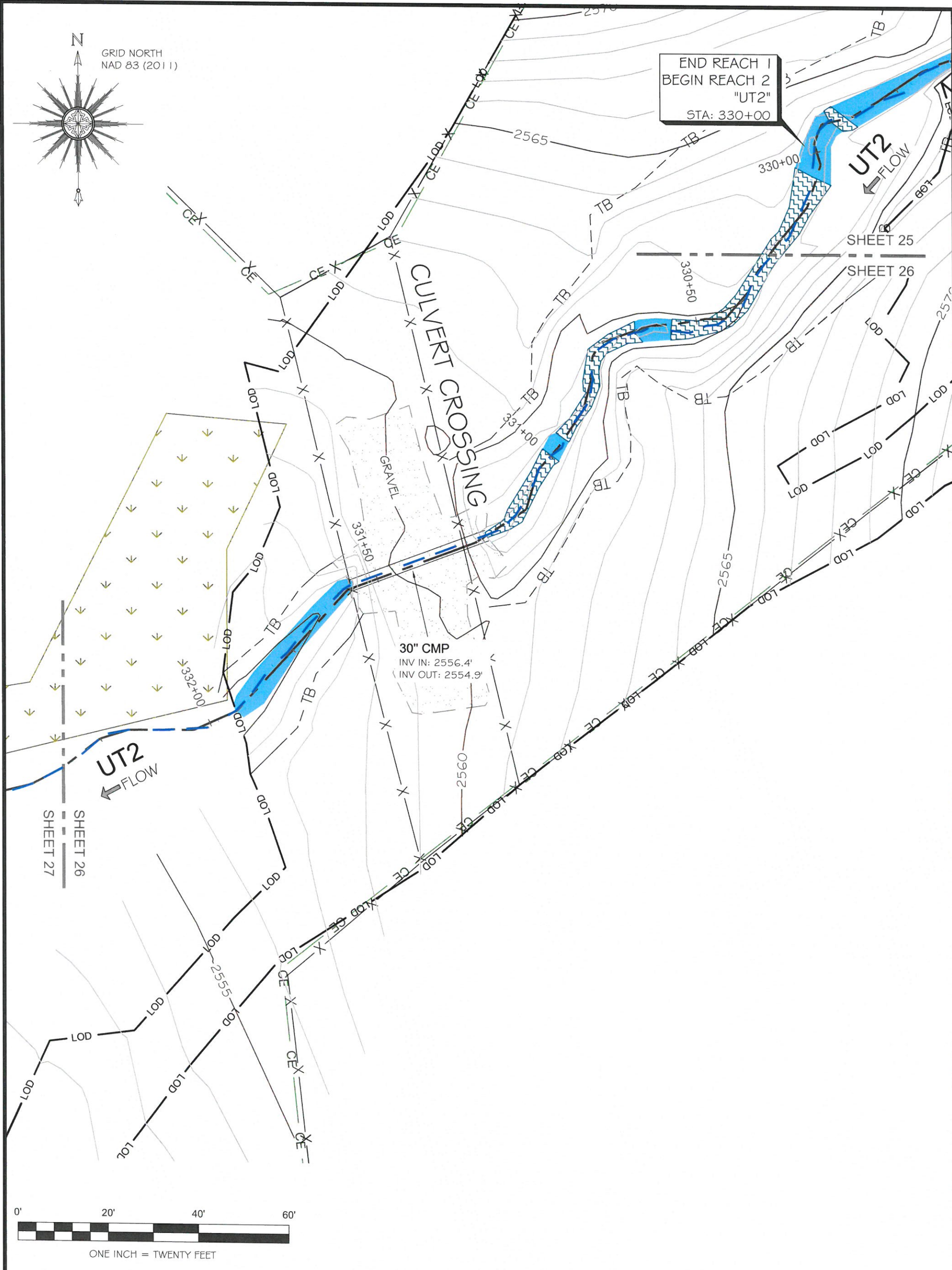
TOWNSHIP: GLADE CREEK	COUNTY: ALLEGHANY	STATE: NORTH CAROLINA
DRAWN BY: NH	CHECKED BY: PBK	SURVEY BY: DD, KP, CB, SH
SCALE: AS SHOWN	SHEET SIZE: 11" X 17"	JOB: 1509144-AB
SHEET: 25 OF 56		

#	DATE	REVISIONS	#	DATE	REVISIONS

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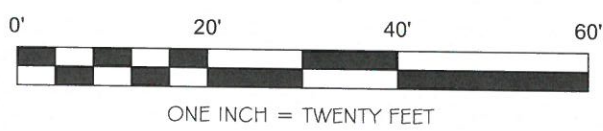
END REACH 1
BEGIN REACH 2
"UT2"
STA: 330+00



SHEET 25
SHEET 26

SHEET 26
SHEET 27

30" CMP
INV IN: 2556.4'
INV OUT: 2554.9'



NOTE: SEE SHEET #1 FOR SURVEYOR'S NOTES



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DIVISION OF MITIGATION SERVICES**

SCO PROJECT NUMBER: 07-07088-03 DMS PROJECT ID: 94903

PROJECT:
LITTLE PINE CREEK III STREAM & WETLAND RESTORATION PROJECT

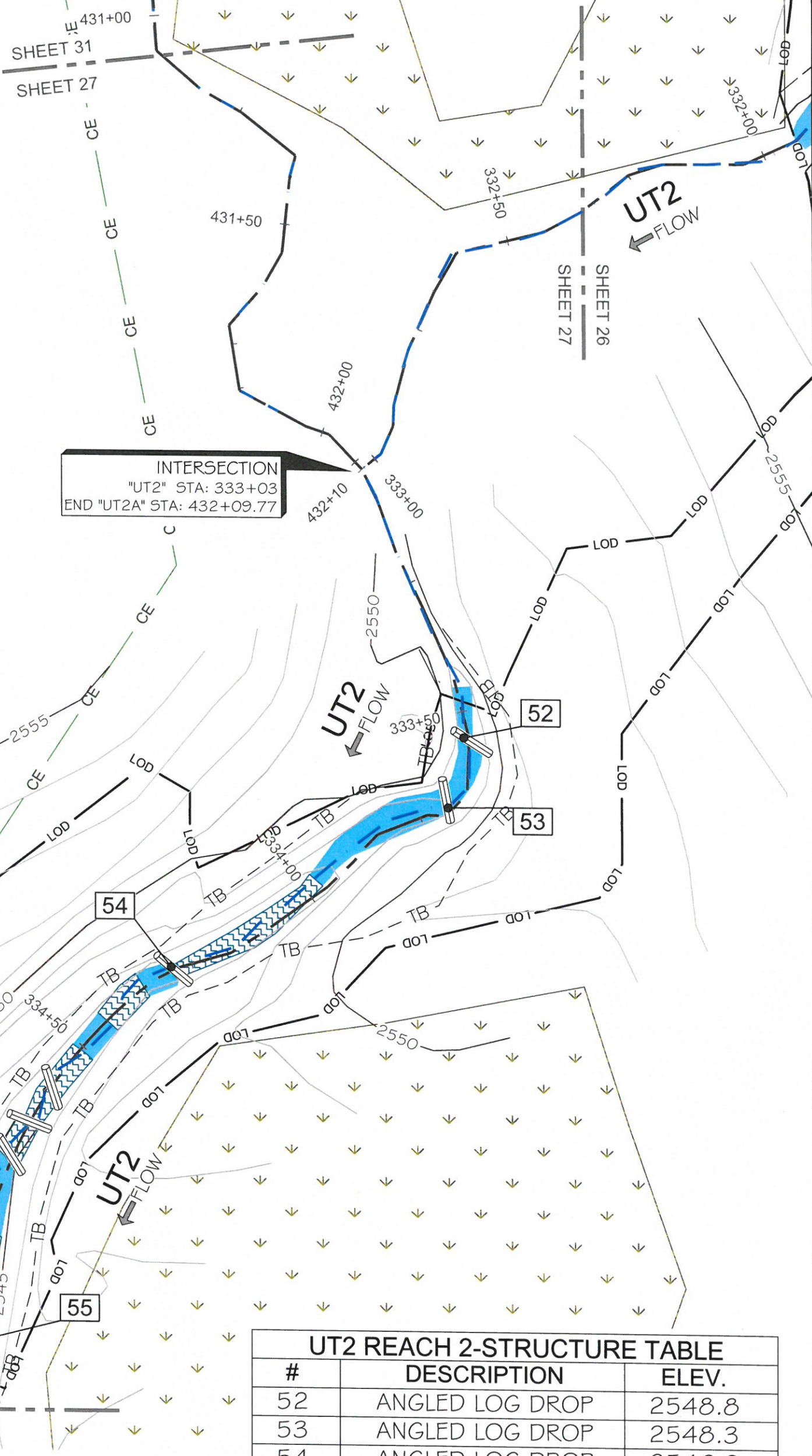
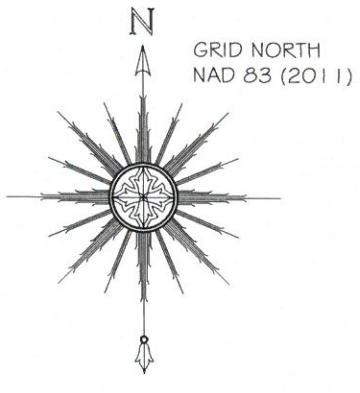
SHEET TITLE:
STREAM DATA: UT2-REACH 1 & REACH 2

TOWNSHIP: GLADE CREEK	COUNTY: ALLEGHANY	STATE: NORTH CAROLINA			
DRAWN BY: NH	CHECKED BY: PBK	SURVEY BY: DD, KP, CB, SH			
SCALE: AS SHOWN	SHEET SIZE: 11" X 17"	JOB: 1509144-AB			
#	DATE	REVISIONS	#	DATE	REVISIONS



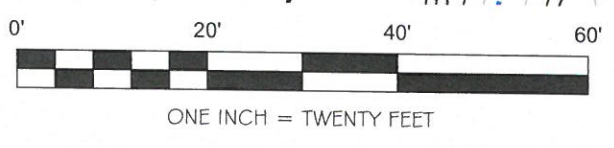
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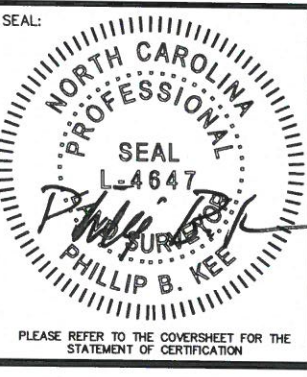


INTERSECTION
 "UT2" STA: 333+03
 END "UT2A" STA: 432+09.77

UT2 REACH 2-STRUCTURE TABLE		
#	DESCRIPTION	ELEV.
52	ANGLED LOG DROP	2548.8
53	ANGLED LOG DROP	2548.3
54	ANGLED LOG DROP	2546.2
55	ANGLED LOG DROP	2543.8



NOTE: SEE SHEET #1 FOR SURVEYOR'S NOTES



AN AS-BUILT SURVEY FOR:
THE STATE OF NORTH CAROLINA
 DIVISION OF MITIGATION SERVICES

SCO PROJECT NUMBER: 07-07088-03 DMS PROJECT ID: 94903

PROJECT:
 LITTLE PINE CREEK III STREAM & WETLAND RESTORATION PROJECT

SHEET TITLE:
 STREAM DATA: UT2-REACH 2 & UT2A

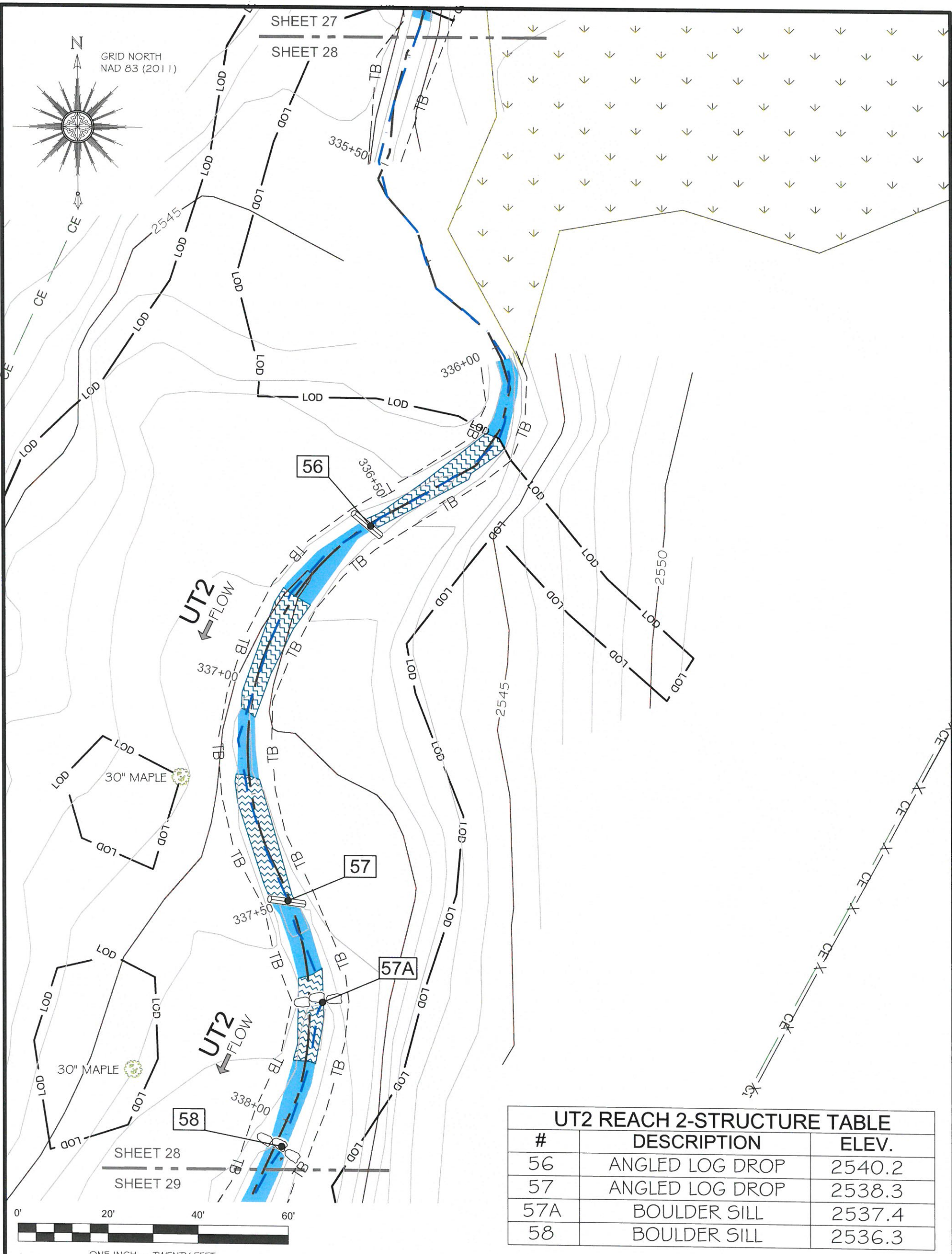
TOWNSHIP: GLADE CREEK	COUNTY: ALLEGHANY	STATE: NORTH CAROLINA
DRAWN BY: NH	CHECKED BY: PBK	SURVEY BY: DD, KP, CB, SH
SCALE: AS SHOWN	SHEET SIZE: 11" X 17"	JOB: 1509144-AB
SHEET: 27 OF 56		

#	DATE	REVISIONS	#	DATE	REVISIONS

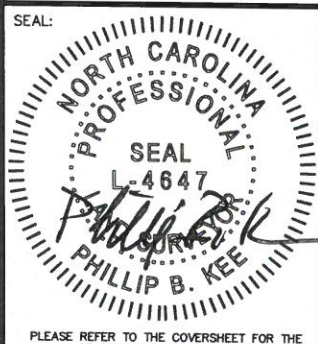
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 DIVISION OF MITIGATION SERVICES

SCO PROJECT NUMBER: 07-07088-03 DMS PROJECT ID: 94903

PROJECT:
LITTLE PINE CREEK III STREAM & WETLAND RESTORATION PROJECT

SHEET TITLE:
STREAM DATA: UT2-REACH 2

TOWNSHIP: GLADE CREEK	COUNTY: ALLEGHANY	STATE: NORTH CAROLINA
DRAWN BY: NH	CHECKED BY: PBK	SURVEY BY: DD, KP, CB, SH
SCALE: AS SHOWN	SHEET SIZE: 11" X 17"	JOB: 1509144-AB
		SHEET: 28 OF 56

#	DATE	REVISIONS	#	DATE	REVISIONS



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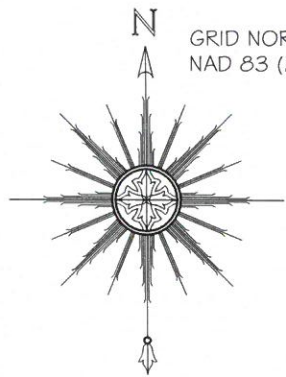
PLEASE REFER TO THE COVERSHEET FOR THE STATEMENT OF CERTIFICATION

UT2A-STRUCTURE TABLE

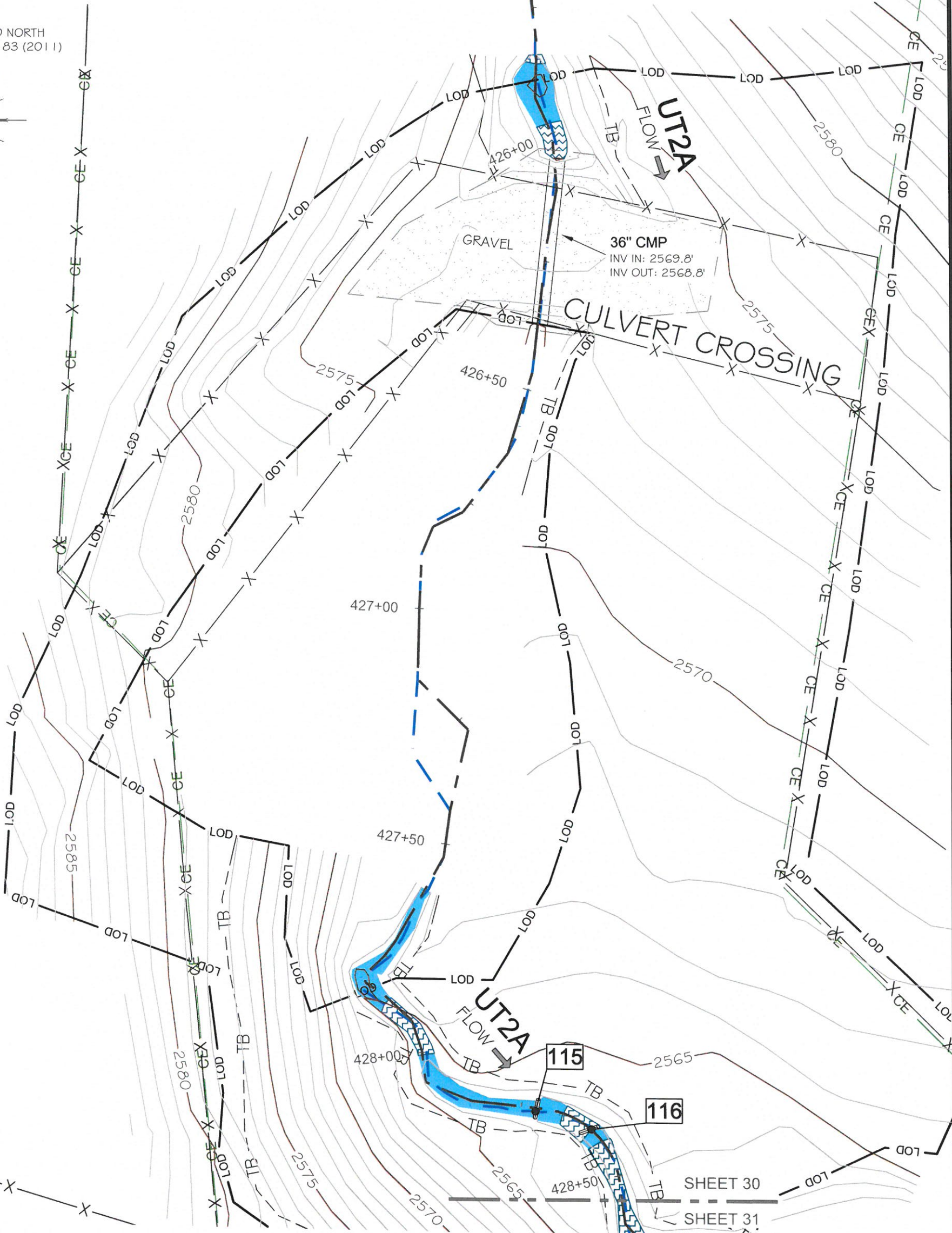
#	DESCRIPTION	ELEV.
115	ANGLED LOG DROP	2563.4
116	ANGLED LOG DROP	2562.7

SHEET 30
425+58

BEGIN "UT2A"
STA: 425+58

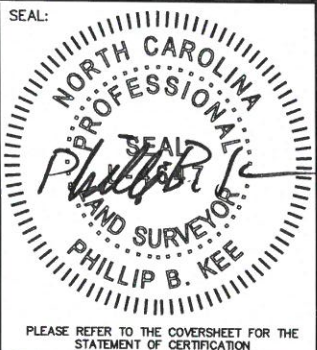


GRID NORTH
NAD 83 (2011)



ONE INCH = TWENTY FEET

NOTE: SEE SHEET #1 FOR SURVEYOR'S NOTES



AN AS-BUILT SURVEY FOR:
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DIVISION OF MITIGATION SERVICES**

SCO PROJECT NUMBER: 07-07088-03

DMS PROJECT ID: 94903

PROJECT:
LITTLE PINE CREEK III STREAM & WETLAND RESTORATION PROJECT

SHEET TITLE:
STREAM DATA: UT2A

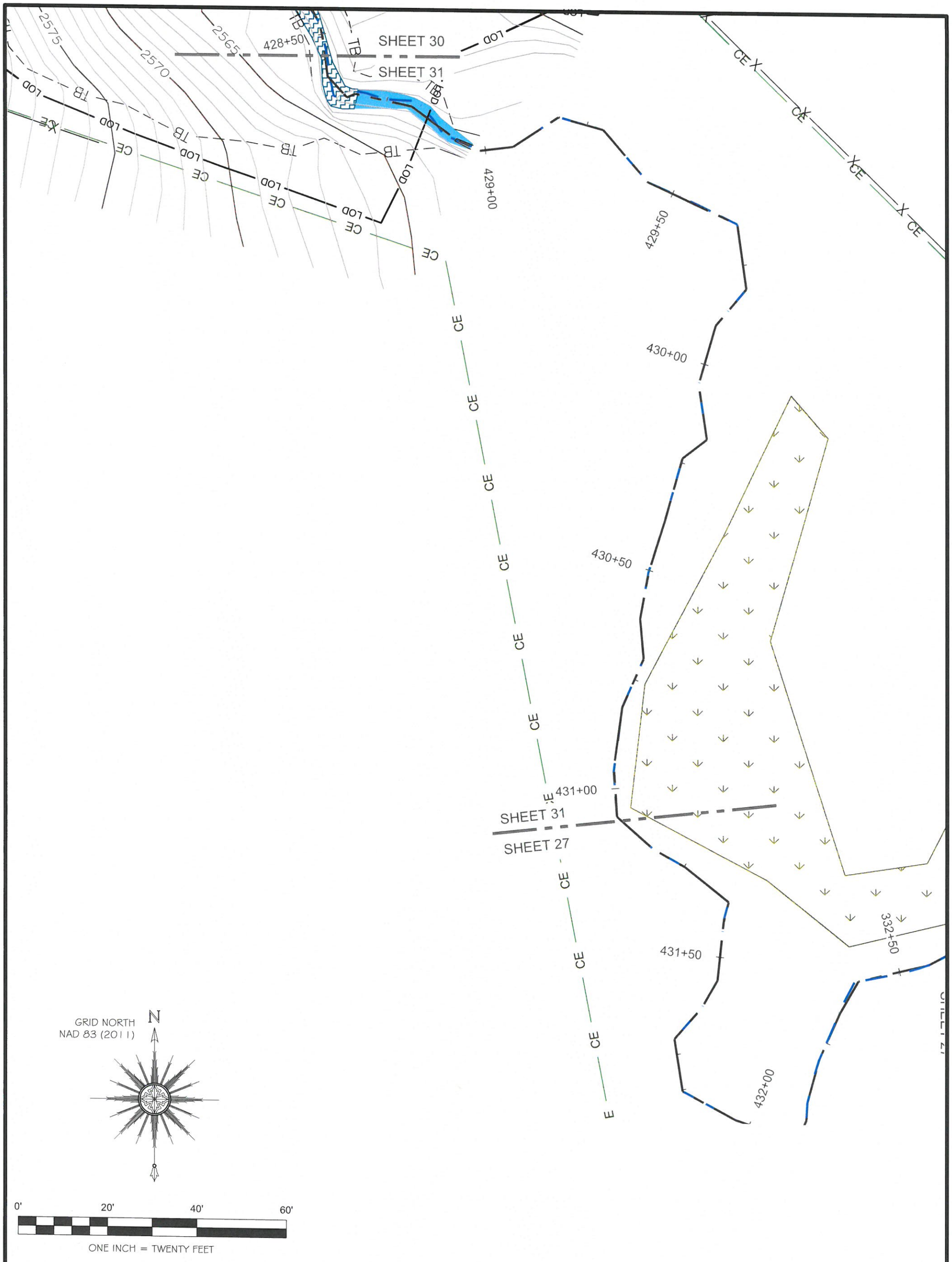
TOWNSHIP: GLADE CREEK	COUNTY: ALLEGHANY	STATE: NORTH CAROLINA
DRAWN BY: NH	CHECKED BY: PBK	SURVEY BY: DD, KP, CB, SH
SCALE: AS SHOWN	SHEET SIZE: 11" X 17"	JOB: 1509144-AB
		SURVEY DATES: 10/28/15-11/06/15, 3-29-16
		SHEET: 30 OF 56

#	DATE	REVISIONS	#	DATE	REVISIONS

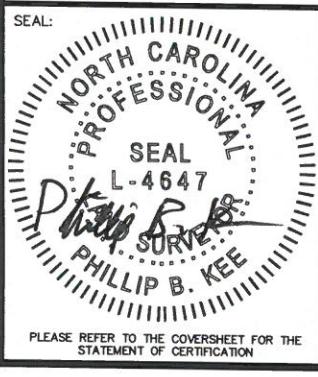


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THE STATE OF NORTH CAROLINA
DIVISION OF MITIGATION SERVICES

SCO PROJECT NUMBER: 07-07088-03 DMS PROJECT ID: 94903

PROJECT:
LITTLE PINE CREEK III STREAM & WETLAND RESTORATION PROJECT

SHEET TITLE:
STREAM DATA: UT2-REACH 2

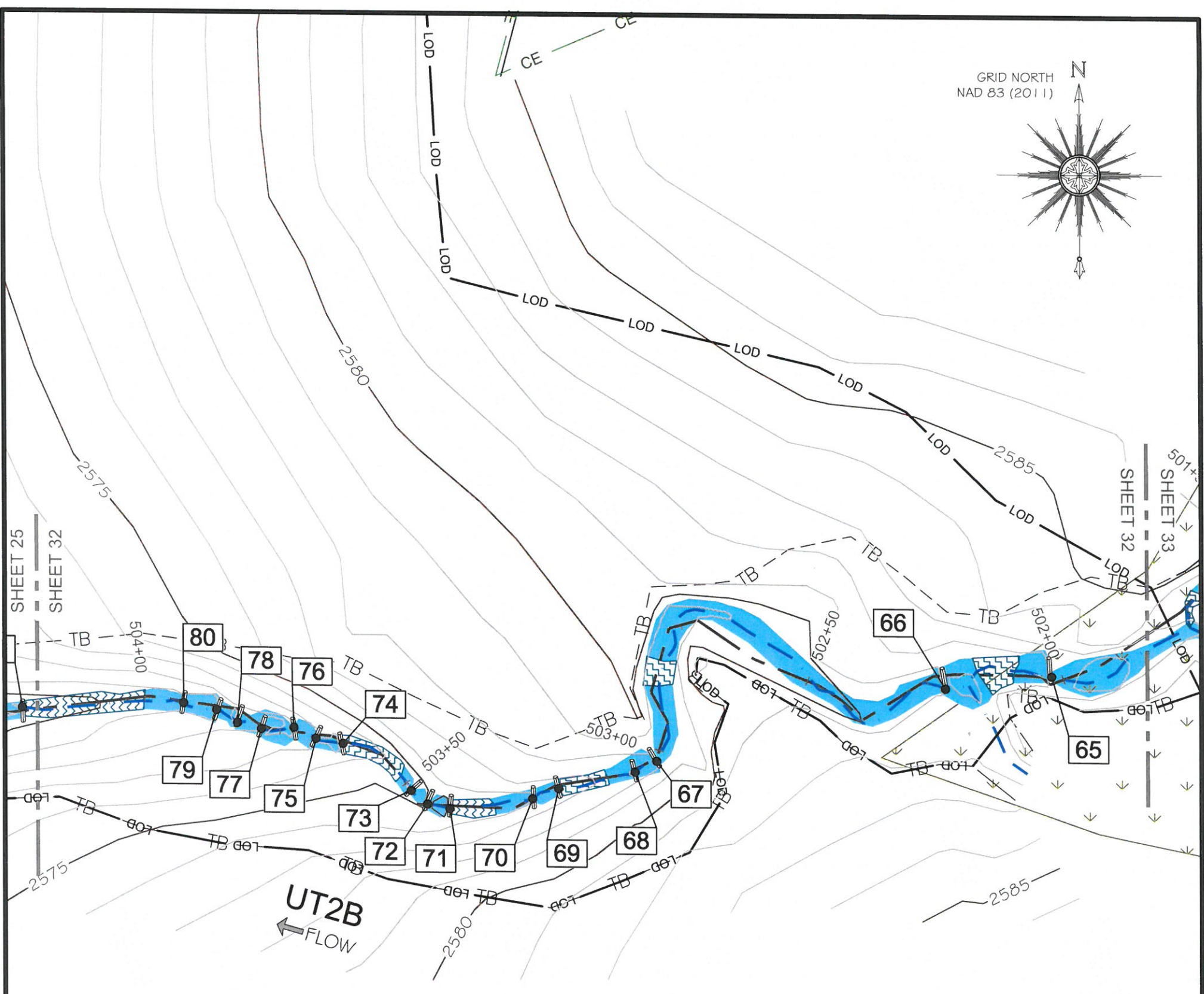
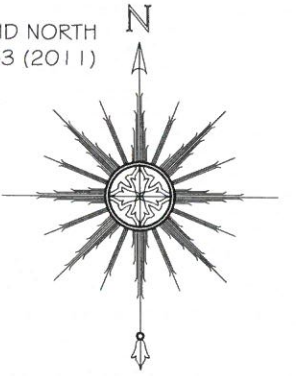
TOWNSHIP: GLADE CREEK	COUNTY: ALLEGHANY	STATE: NORTH CAROLINA
DRAWN BY: NH	CHECKED BY: PBK	SURVEY BY: DD,KP,CB,SH
SCALE: AS SHOWN	SHEET SIZE: 11" X 17"	JOB: 1509144-AB
# DATE REVISIONS # DATE REVISIONS		SURVEY DATES: 10/28/15-11/06/15,3-29-16
		SHEET: 31 OF 56



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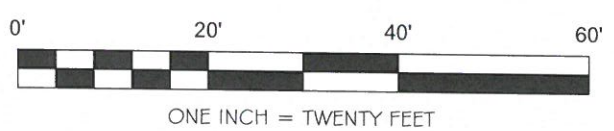
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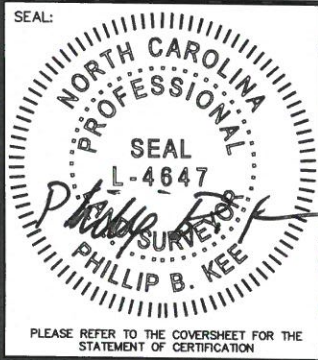


UT2B-STRUCTURE TABLE

#	DESCRIPTION	ELEV.
65	LOG SILL	2582.5
66	LOG SILL	2581.3
67	ANGLED LOG DROP	2578.3
68	ANGLED LOG DROP	2577.7
69	ANGLED LOG DROP	2576.8
70	ANGLED LOG DROP	2576.4
71	ANGLED LOG DROP	2575.3
72	ANGLED LOG DROP	2575.0
73	ANGLED LOG DROP	2574.7
74	ANGLED LOG DROP	2573.5
75	ANGLED LOG DROP	2573.1
76	ANGLED LOG DROP	2572.8
77	ANGLED LOG DROP	2572.2
78	ANGLED LOG DROP	2571.9
79	ANGLED LOG DROP	2571.5
80	ANGLED LOG DROP	2571.0



NOTE: SEE SHEET #1 FOR SURVEYOR'S NOTES



AN AS-BUILT SURVEY FOR:
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SCO PROJECT NUMBER: 07-07088-03 DMS PROJECT ID: 94903

PROJECT:
LITTLE PINE CREEK III STREAM & WETLAND RESTORATION PROJECT

SHEET TITLE:
STREAM DATA: UT2B

TOWNSHIP: GLADE CREEK	COUNTY: ALLEGHANY	STATE: NORTH CAROLINA
DRAWN BY: NH	CHECKED BY: PBK	SURVEY BY: DD, KP, CB, SH
SCALE: AS SHOWN	SHEET SIZE: 11" X 17"	JOB: 1509144-AB
		SURVEY DATES: 10/28/15-11/06/15, 3-29-16
		SHEET: 32 OF 56

#	DATE	REVISIONS	#	DATE	REVISIONS

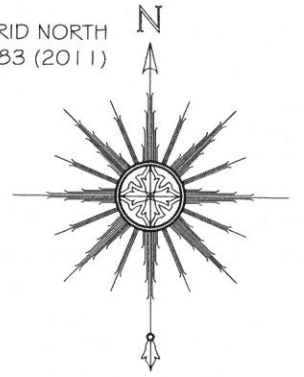
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CE

GRID NORTH
NAD 83 (2011)



500+00

BEGIN REACH 1
"UT2B"
STA: 500+00

500+50

501+00

501+50

SHEET 32

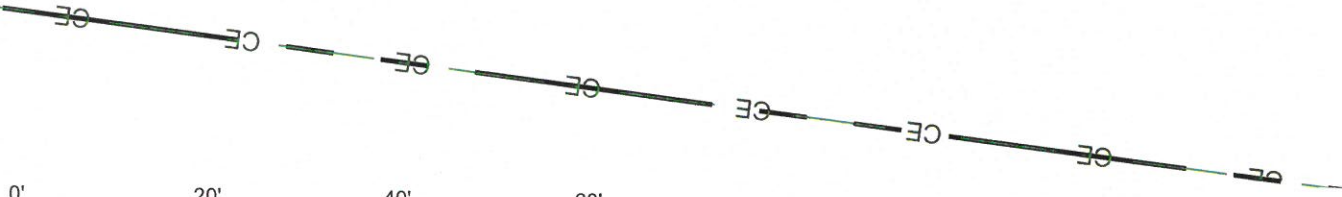
SHEET 33

CE

CE

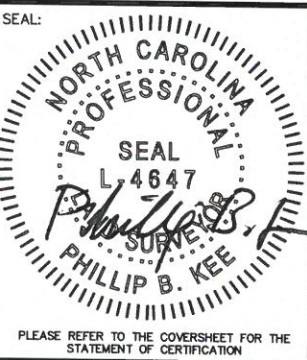
CE

CE



ONE INCH = TWENTY FEET

NOTE: SEE SHEET #1 FOR SURVEYOR'S NOTES



AN AS-BUILT SURVEY FOR:
**THE STATE OF NORTH CAROLINA
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SCO PROJECT NUMBER: 07-07088-03 DMS PROJECT ID: 94903

PROJECT:
LITTLE PINE CREEK III STREAM & WETLAND RESTORATION PROJECT

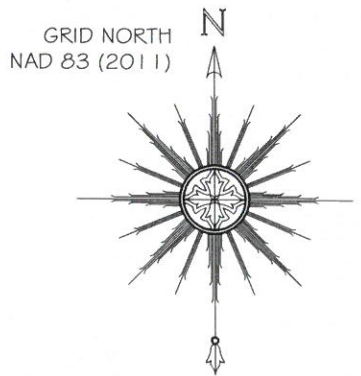
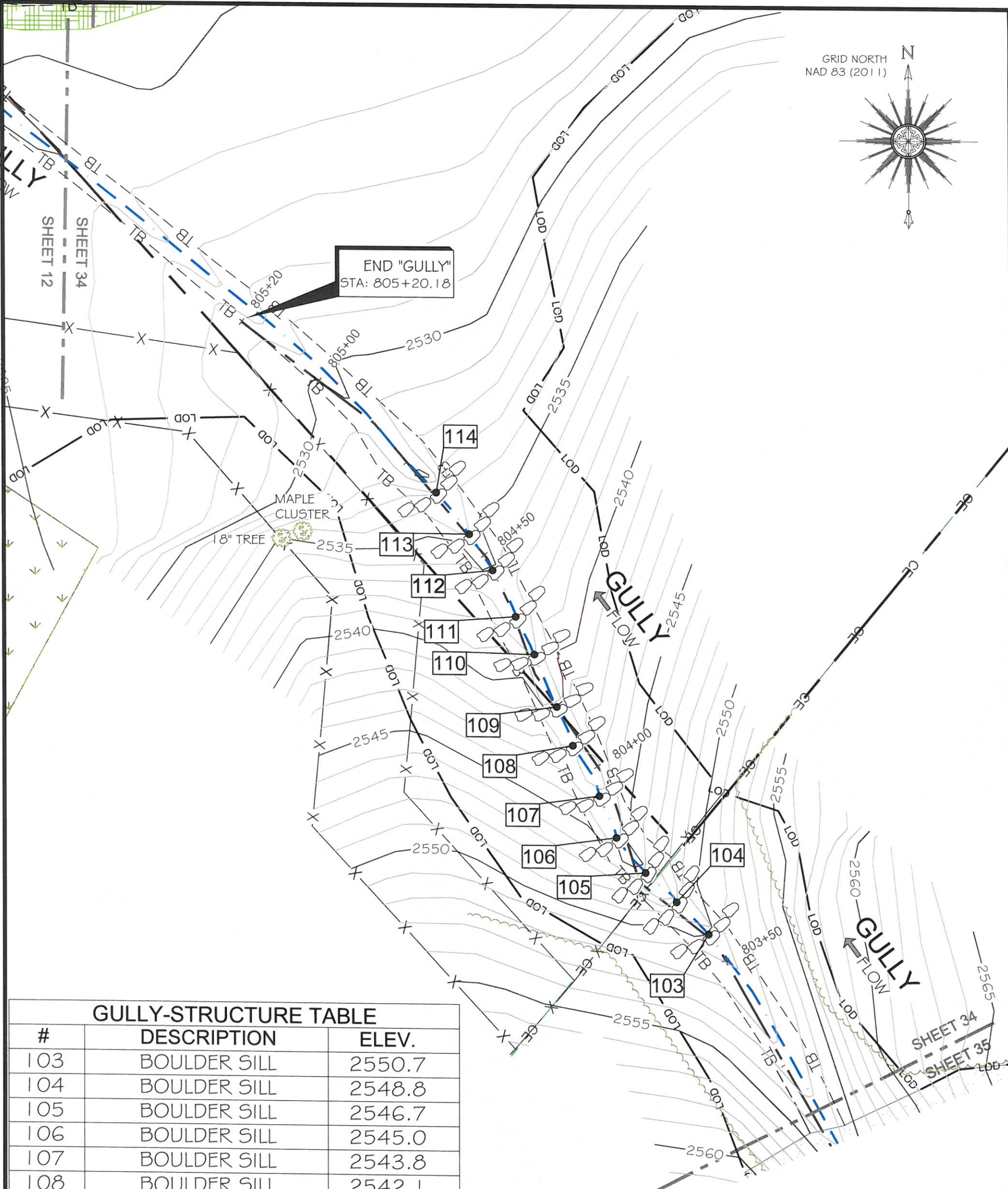
SHEET TITLE:
STREAM DATA: UT2B

TOWNSHIP: GLADE CREEK	COUNTY: ALLEGHANY	STATE: NORTH CAROLINA			
DRAWN BY: NH	CHECKED BY: PBK	SURVEY BY: DD, KP, CB, SH			
SCALE: AS SHOWN	SHEET SIZE: 11" X 17"	JOB: 1509144-AB			
		SHEET: 33 OF 56			
#	DATE	REVISIONS	#	DATE	REVISIONS



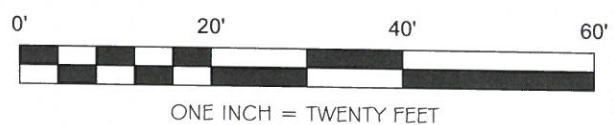
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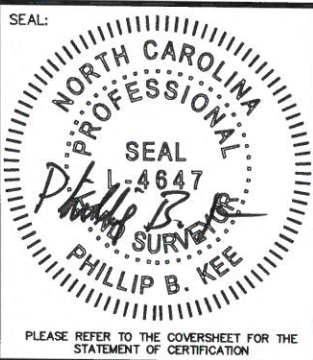


GULLY-STRUCTURE TABLE

#	DESCRIPTION	ELEV.
103	BOULDER SILL	2550.7
104	BOULDER SILL	2548.8
105	BOULDER SILL	2546.7
106	BOULDER SILL	2545.0
107	BOULDER SILL	2543.8
108	BOULDER SILL	2542.1
109	BOULDER SILL	2540.1
110	BOULDER SILL	2539.1
111	BOULDER SILL	2537.8
112	BOULDER SILL	2536.0
113	BOULDER SILL	2535.0
114	BOULDER SILL	2533.4



NOTE: SEE SHEET #1 FOR SURVEYOR'S NOTES



AN AS-BUILT SURVEY FOR:
**THE STATE OF NORTH CAROLINA
 DIVISION OF MITIGATION SERVICES**

SCO PROJECT NUMBER: 07-07088-03 DMS PROJECT ID: 94903

PROJECT:
LITTLE PINE CREEK III STREAM & WETLAND RESTORATION PROJECT

SHEET TITLE:
STREAM DATA: GULLY

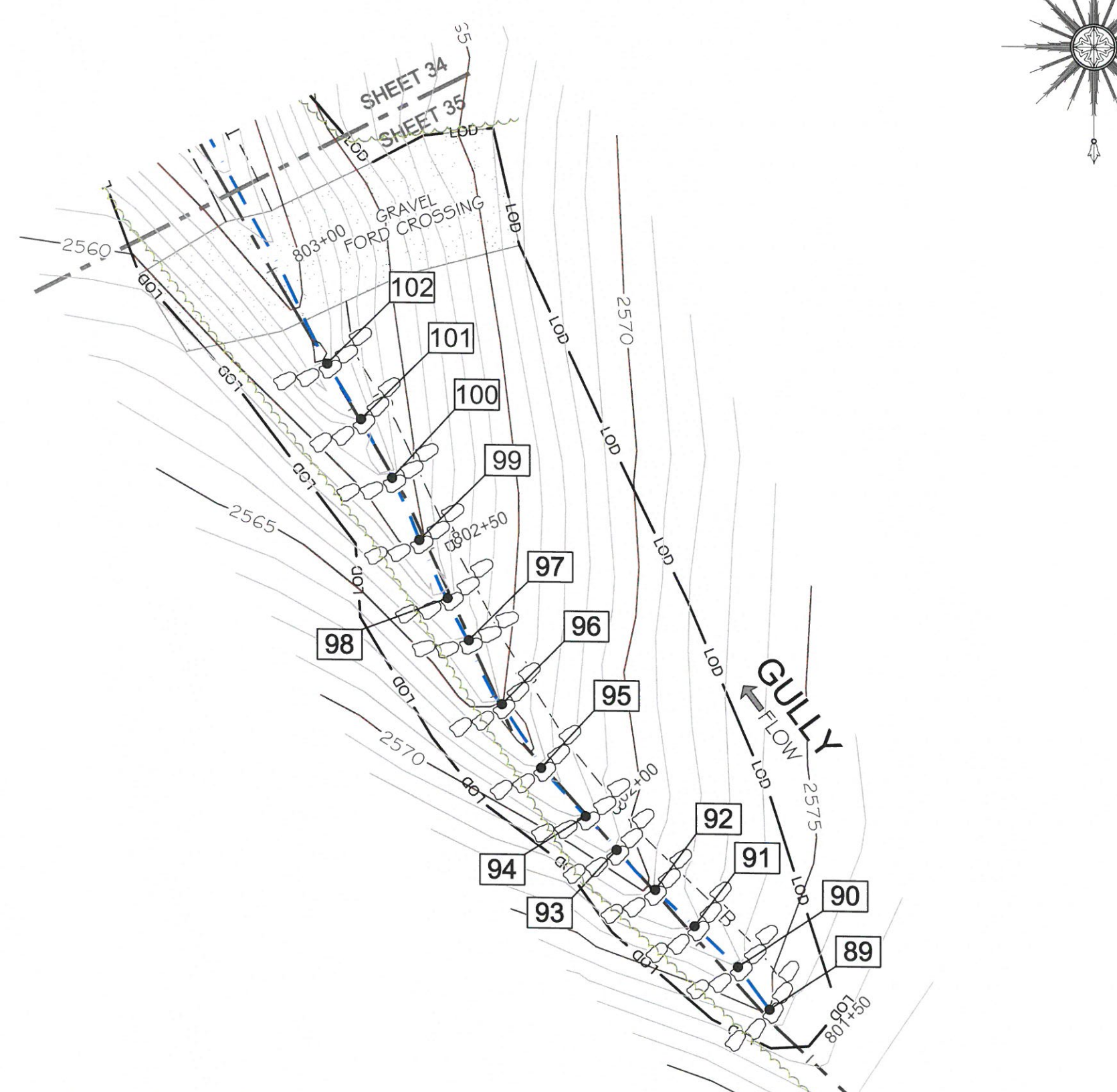
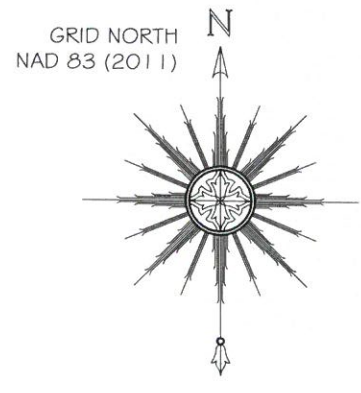
TOWNSHIP: GLADE CREEK	COUNTY: ALLEGHANY	STATE: NORTH CAROLINA
DRAWN BY: NH	CHECKED BY: PBK	SURVEY BY: DD, KP, CB, SH
SCALE: AS SHOWN	SHEET SIZE: 11" X 17"	JOB: 1509144-AB
		SHEET: 34 OF 56

#	DATE	REVISIONS	#	DATE	REVISIONS

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 MAPPING & SURVEYING

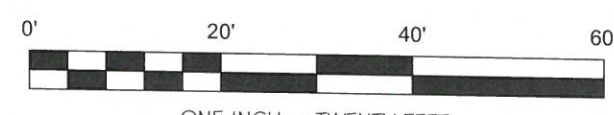
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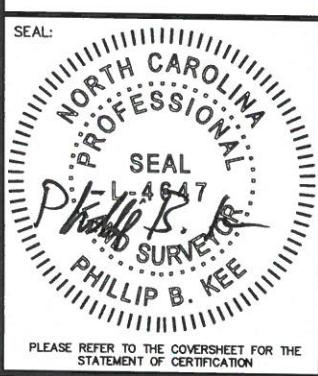


GULLY-STRUCTURE TABLE

#	DESCRIPTION	ELEV.
89	BOULDER SILL	2575.8
90	BOULDER SILL	2574.2
91	BOULDER SILL	2572.7
92	BOULDER SILL	2571.3
93	BOULDER SILL	2569.4
94	BOULDER SILL	2568.4
95	BOULDER SILL	2566.8
96	BOULDER SILL	2565.3
97	BOULDER SILL	2563.8
98	BOULDER SILL	2562.4
99	BOULDER SILL	2560.6
100	BOULDER SILL	2559.5
101	BOULDER SILL	2557.9
102	BOULDER SILL	2556.5



NOTE: SEE SHEET #1 FOR SURVEYOR'S NOTES



AN AS-BUILT SURVEY FOR:
THE STATE OF NORTH CAROLINA
 DIVISION OF MITIGATION SERVICES

SCO PROJECT NUMBER: 07-07088-03 DMS PROJECT ID: 94903

PROJECT:
LITTLE PINE CREEK III STREAM & WETLAND RESTORATION PROJECT

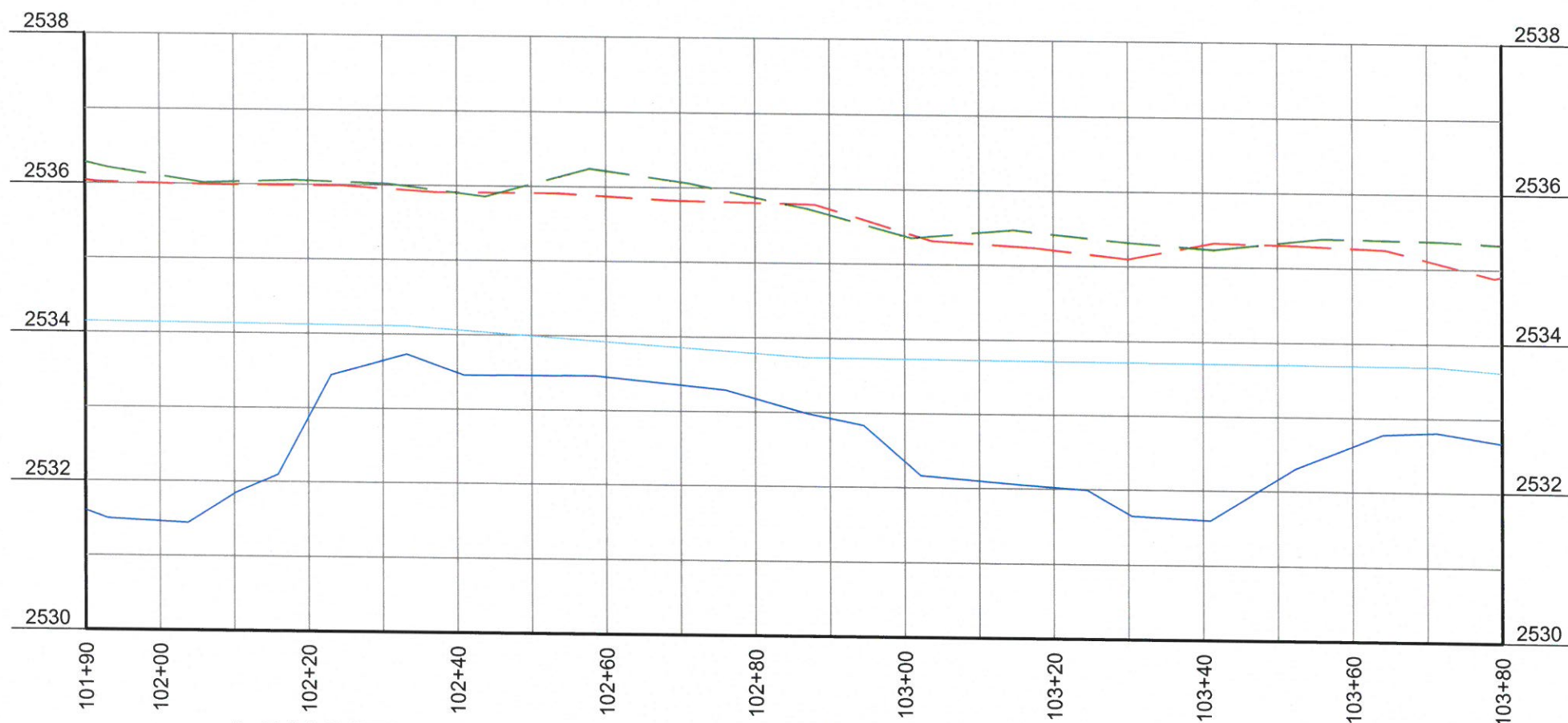
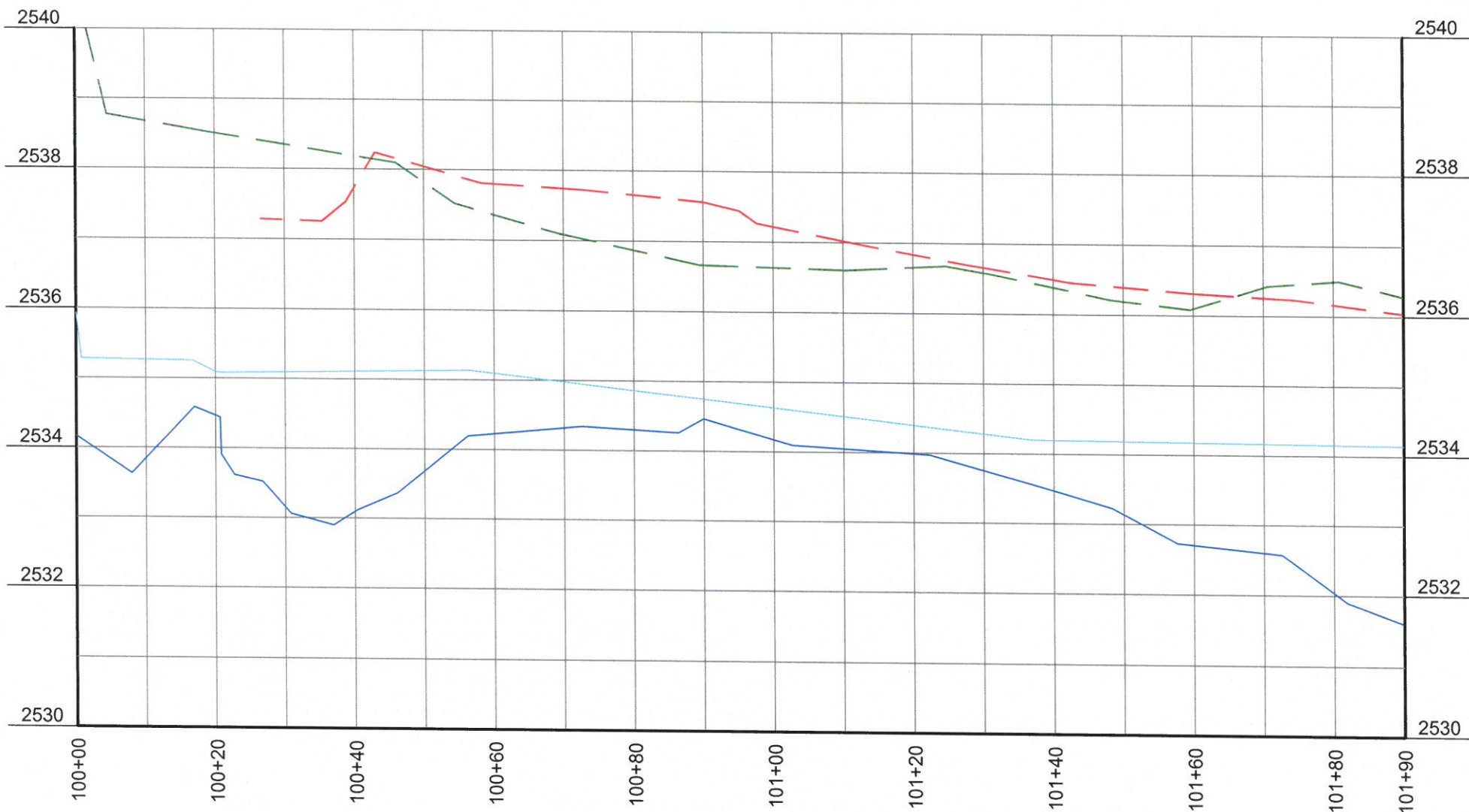
SHEET TITLE:
STREAM DATA: GULLY

TOWNSHIP: GLADE CREEK	COUNTY: ALLEGHANY	STATE: NORTH CAROLINA
DRAWN BY: NH	CHECKED BY: PDK	SURVEY BY: DD, KP, CB, SH
SCALE: AS SHOWN	SHEET SIZE: 11" X 17"	JOB: 1509144-AB
		SHEET: 35 OF 56

#	DATE	REVISIONS	#	DATE	REVISIONS

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LONGITUDINAL PROFILE - LITTLE PINE CREEK-REACH 1

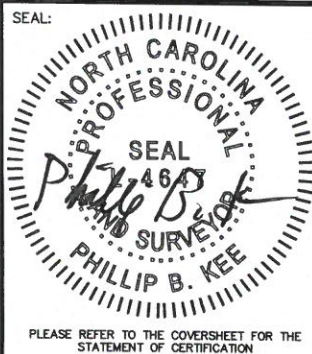
HORIZONTAL SCALE: 1" = 20'

VERTICAL SCALE: 1" = 2'

LEGEND

- THALWEG
- - - WATER SURFACE
- - - RIGHT TOP OF BANK
- - - LEFT TOP OF BANK

NOTE: SEE SHEET #1 FOR SURVEYOR'S NOTES



AN AS-BUILT SURVEY FOR:
THE STATE OF NORTH CAROLINA
 DIVISION OF MITIGATION SERVICES

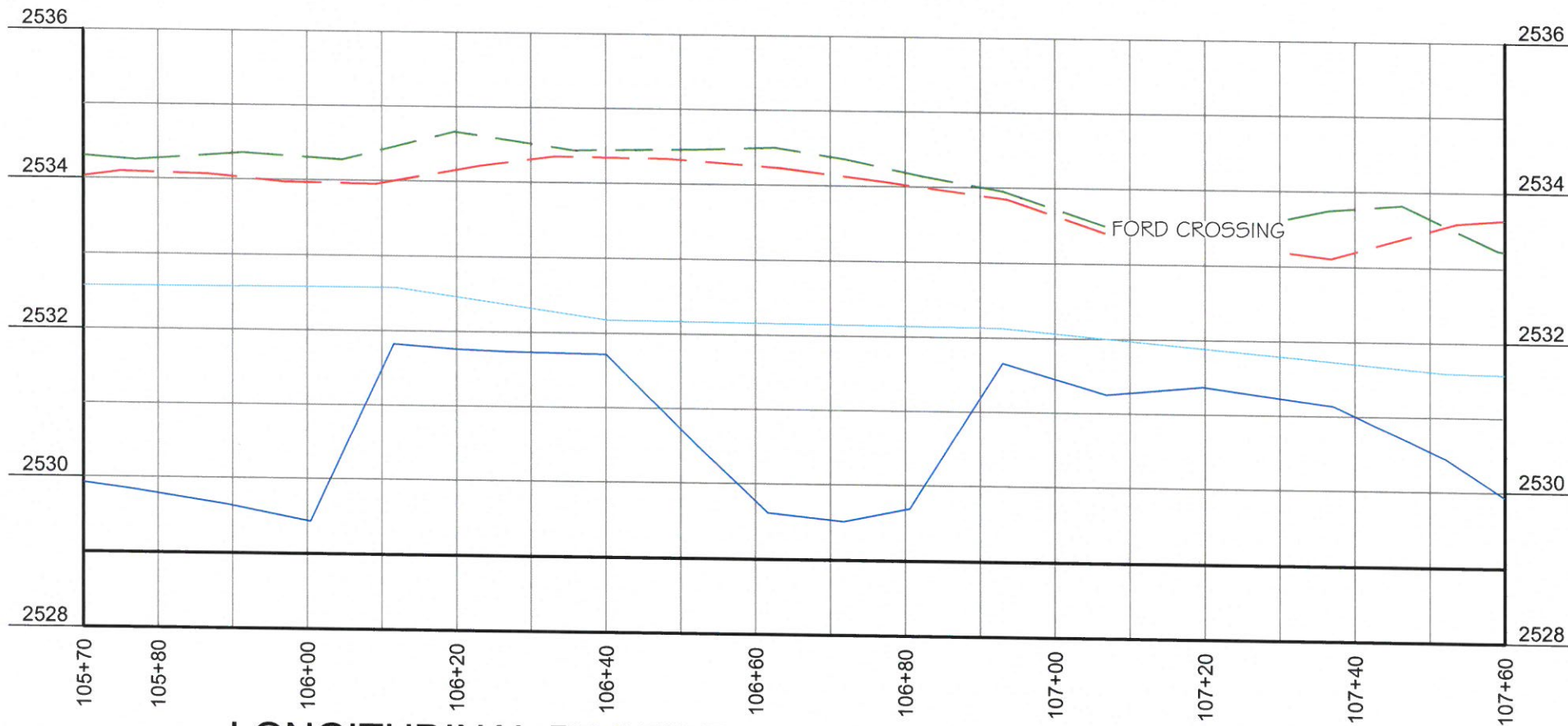
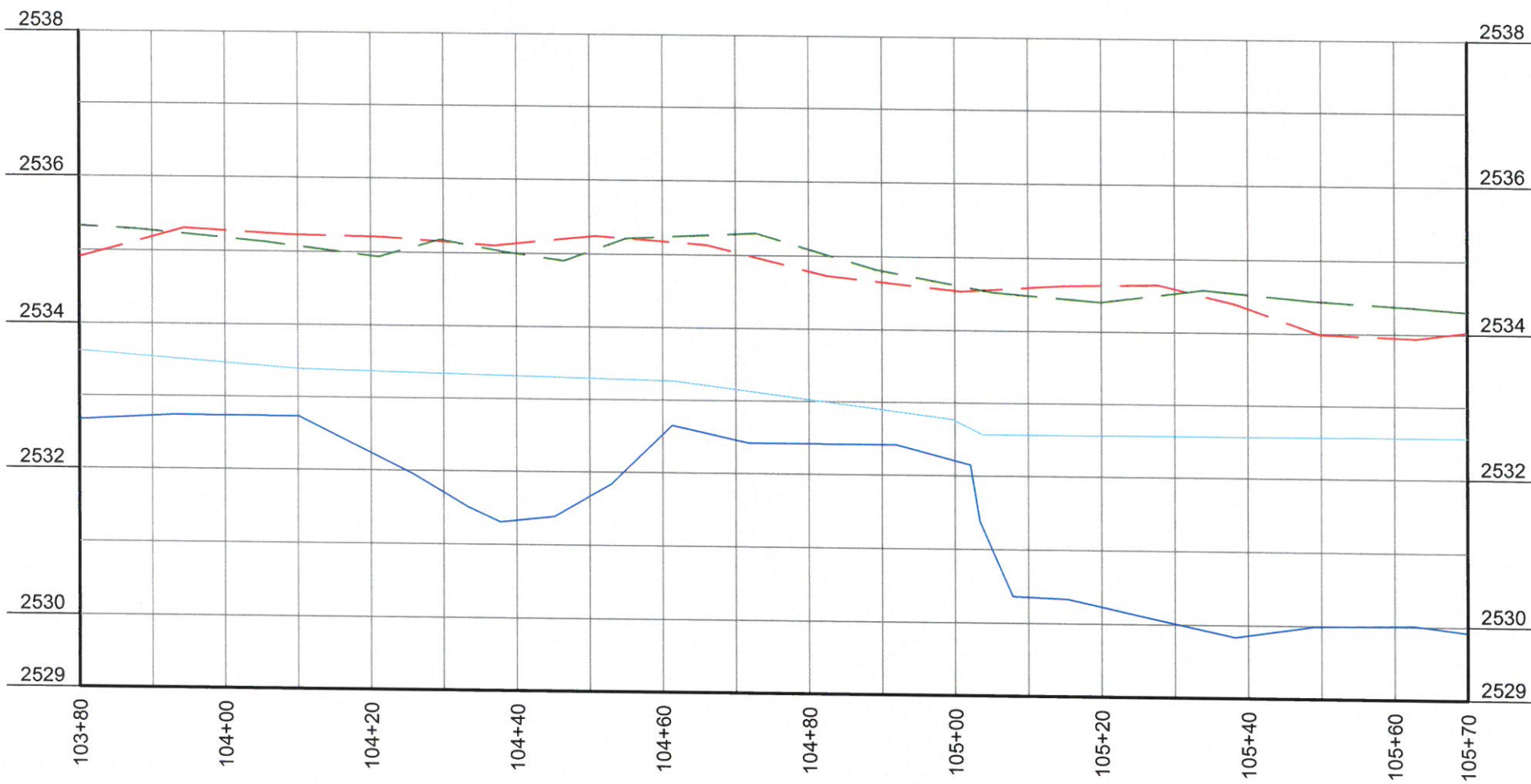
SCO PROJECT NUMBER: 07-07088-03 DMS PROJECT ID: 94903

PROJECT:
 LITTLE PINE CREEK III STREAM & WETLAND RESTORATION PROJECT

SHEET TITLE:
 STREAM DATA: LONGITUDINAL PROFILE-LITTLE PINE CREEK-REACH 1

TOWNSHIP: GLADE CREEK		COUNTY: ALLEGHANY		STATE: NORTH CAROLINA	
DRAWN BY: NH	CHECKED BY: PBK	SURVEY BY: DD, KP, CB, SH		SURVEY DATES: 10/28/15-11/06/15, 3-29-16	
SCALE: AS SHOWN	SHEET SIZE: 11" X 17"	JOB: 1509144-AB		SHEET: 36 OF 56	
#	DATE	REVISIONS	#	DATE	REVISIONS

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LONGITUDINAL PROFILE - LITTLE PINE CREEK-REACH 1

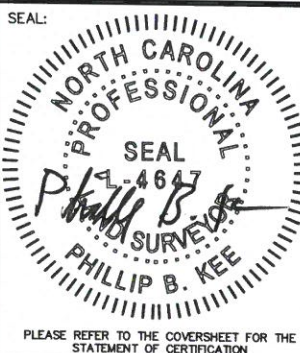
HORIZONTAL SCALE: 1" = 20'

VERTICAL SCALE: 1" = 2'

LEGEND

- THALWEG
- - - WATER SURFACE
- - - RIGHT TOP OF BANK
- - - LEFT TOP OF BANK

NOTE: SEE SHEET #1 FOR SURVEYOR'S NOTES



AN AS-BUILT SURVEY FOR:
THE STATE OF NORTH CAROLINA
 DIVISION OF MITIGATION SERVICES

SCO PROJECT NUMBER: 07-07088-03

DMS PROJECT ID: 94903

PROJECT:
 LITTLE PINE CREEK III STREAM & WETLAND RESTORATION PROJECT

SHEET TITLE:
 STREAM DATA: LONGITUDINAL PROFILE-LITTLE PINE CREEK-REACH 1

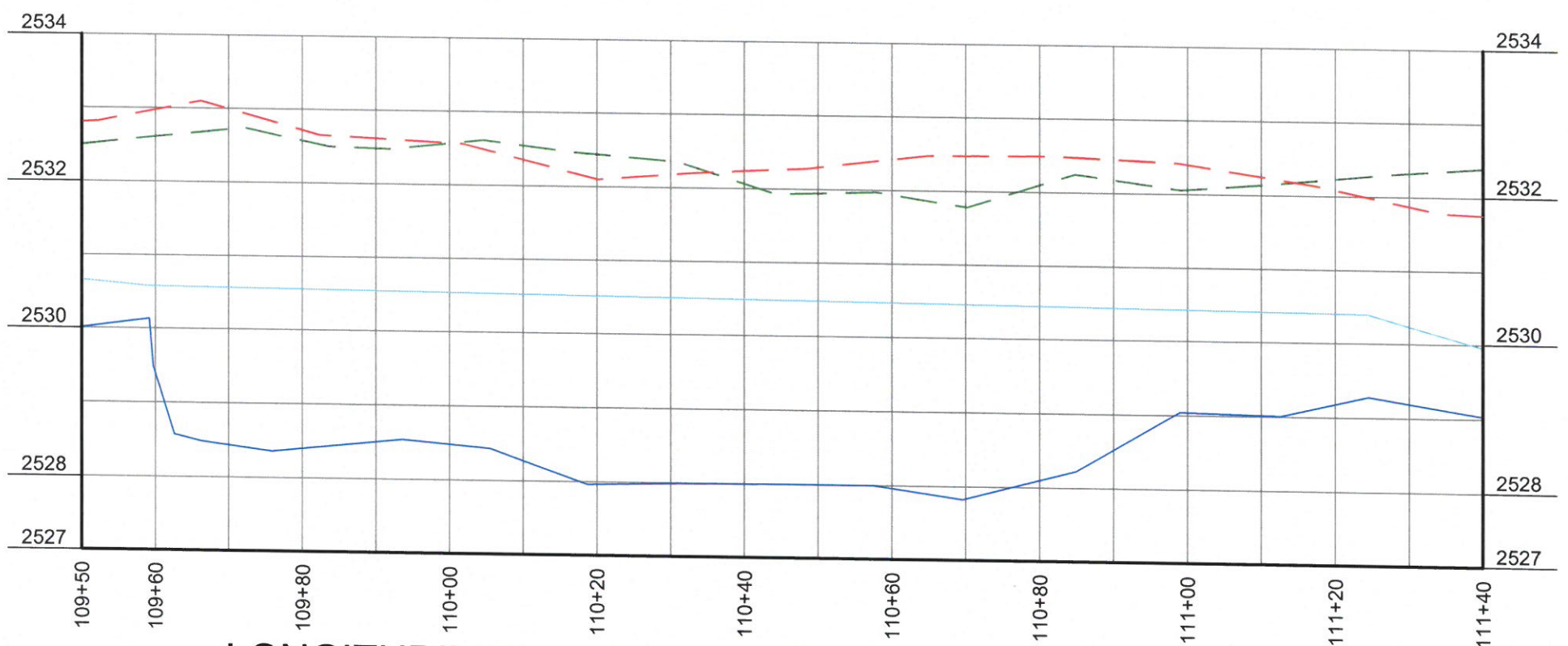
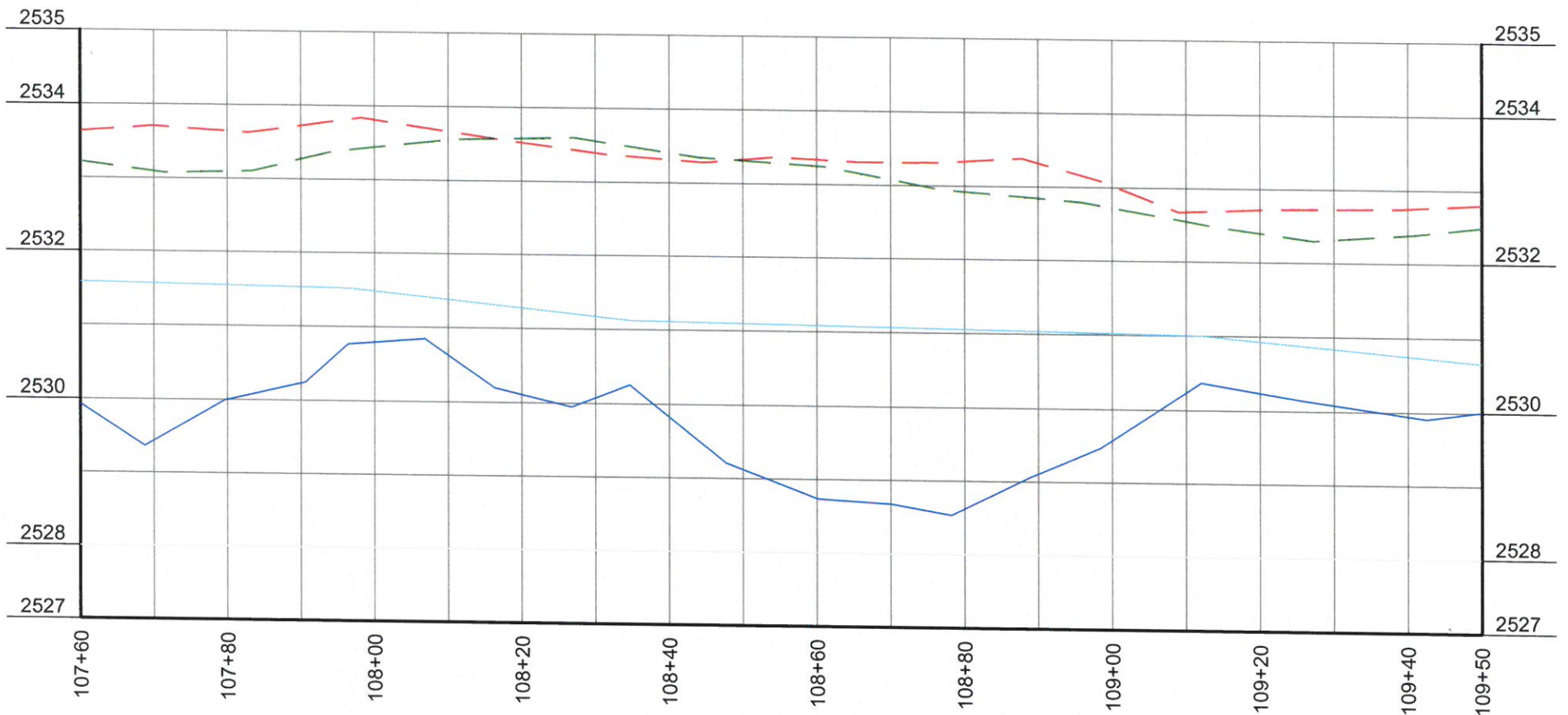
TOWNSHIP: GLADE CREEK	COUNTY: ALLEGHANY	STATE: NORTH CAROLINA
DRAWN BY: NH	CHECKED BY: PBK	SURVEY BY: DD,KP,CB,SH
SCALE: AS SHOWN	SHEET SIZE: 11" X 17"	JOB: 1509144-AB
		SHEET: 37 OF 56

#	DATE	REVISIONS	#	DATE	REVISIONS



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LONGITUDINAL PROFILE - LITTLE PINE CREEK-REACH 1

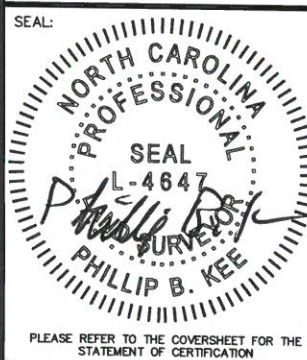
HORIZONTAL SCALE: 1" = 20'

VERTICAL SCALE: 1" = 2'

LEGEND

- THALWEG
- WATER SURFACE
- - - RIGHT TOP OF BANK
- - - LEFT TOP OF BANK

NOTE: SEE SHEET #1 FOR SURVEYOR'S NOTES



AN AS-BUILT SURVEY FOR:
THE STATE OF NORTH CAROLINA
 DIVISION OF MITIGATION SERVICES

SCO PROJECT NUMBER: 07-07088-03 DMS PROJECT ID: 94903

PROJECT:
LITTLE PINE CREEK III STREAM & WETLAND RESTORATION PROJECT

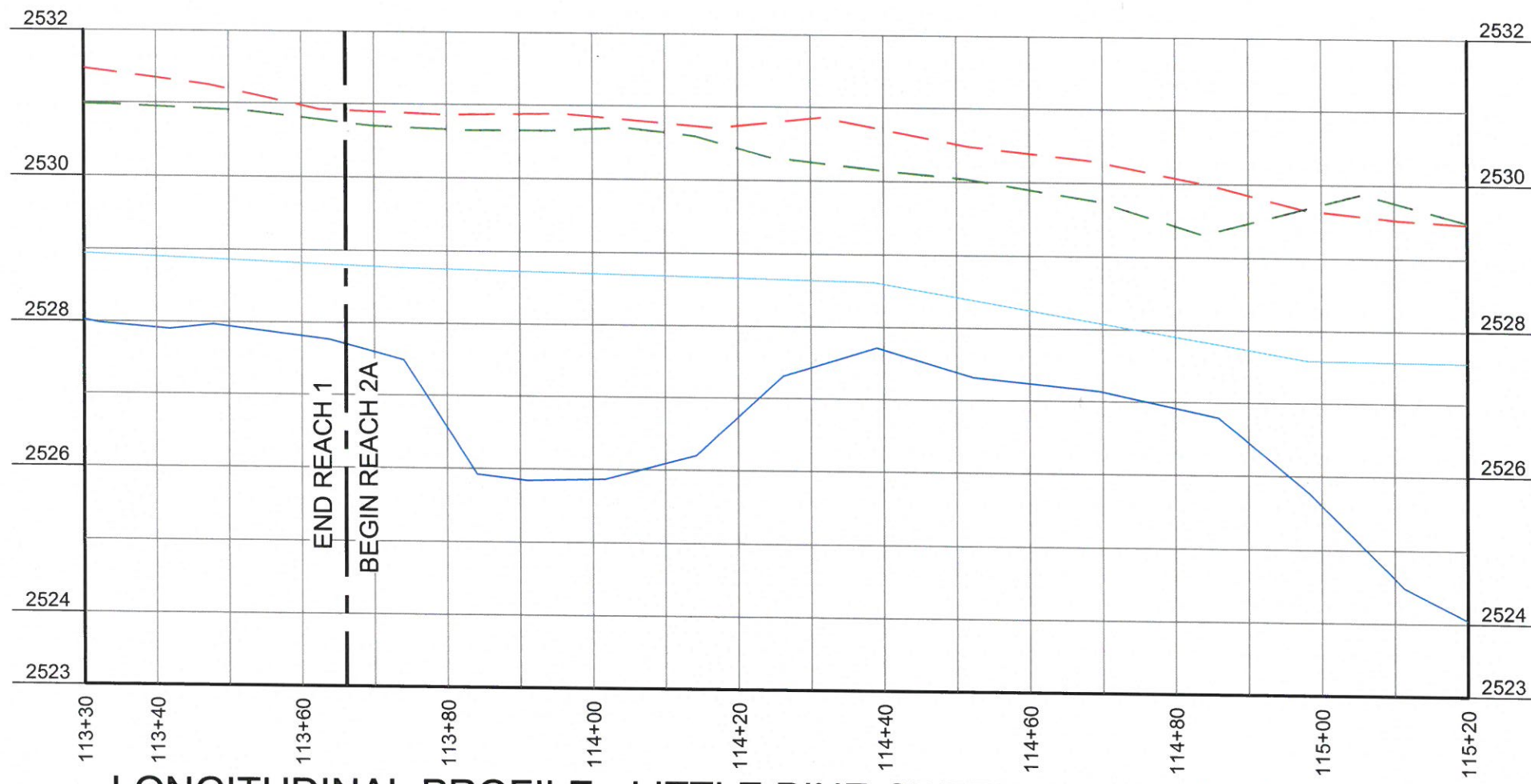
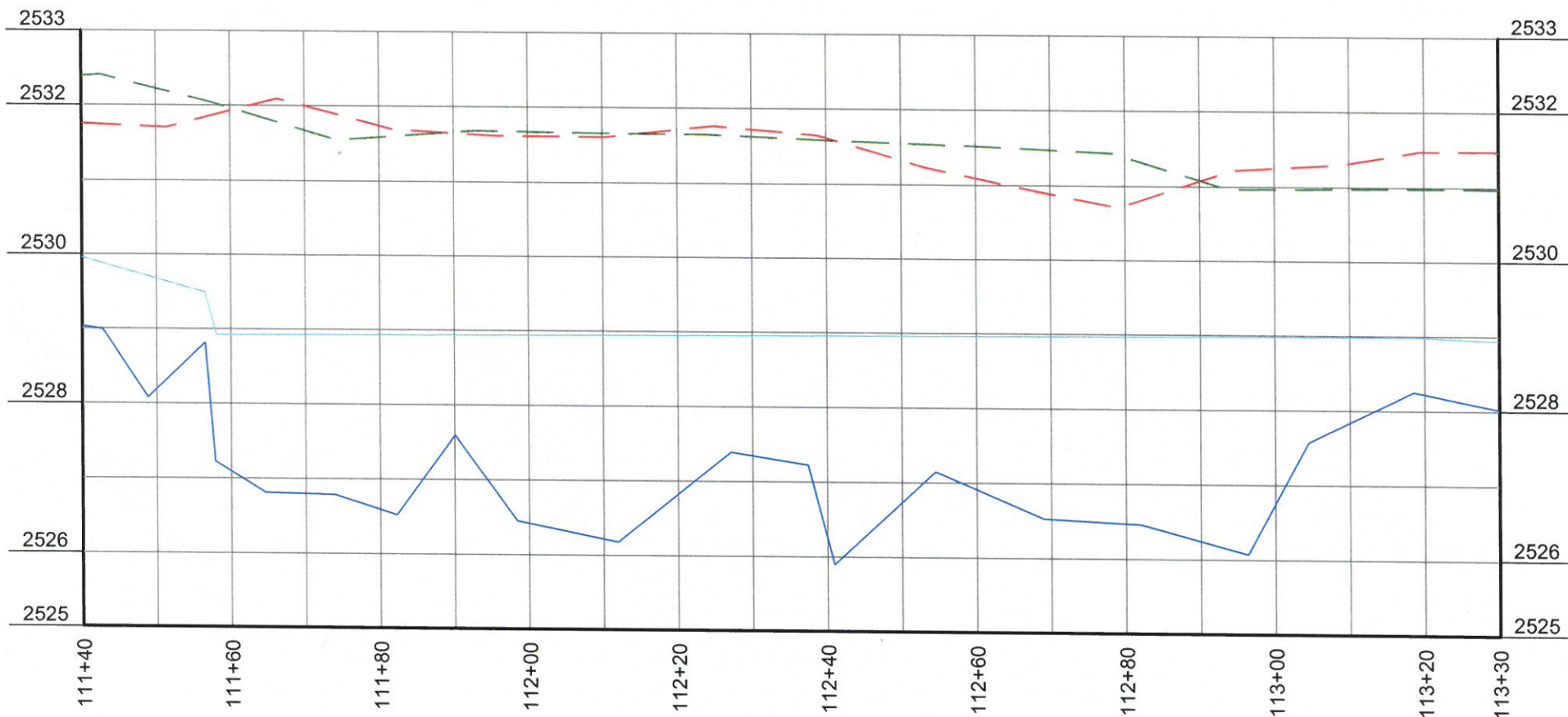
SHEET TITLE:
STREAM DATA: LONGITUDINAL PROFILE-LITTLE PINE CREEK-REACH 1

TOWNSHIP: GLADE CREEK	COUNTY: ALLEGHANY	STATE: NORTH CAROLINA			
DRAWN BY: NH	CHECKED BY: PBK	SURVEY BY: DD, KP, CB, SH			
SCALE: AS SHOWN	SHEET SIZE: 11" X 17"	JOB: 1509144-AB			
		SHEET: 38 OF 56			
#	DATE	REVISIONS	#	DATE	REVISIONS



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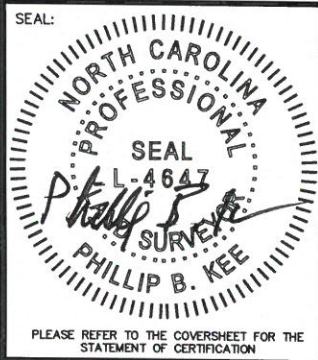
LONGITUDINAL PROFILE - LITTLE PINE CREEK-REACH 1, REACH 2A

HORIZONTAL SCALE: 1" = 20'
 VERTICAL SCALE: 1" = 2'

LEGEND

- THALWEG
- WATER SURFACE
- - - RIGHT TOP OF BANK
- - - LEFT TOP OF BANK

NOTE: SEE SHEET #1 FOR SURVEYOR'S NOTES



AN AS-BUILT SURVEY FOR:
**THE STATE OF NORTH CAROLINA
 DIVISION OF MITIGATION SERVICES**

SCO PROJECT NUMBER: 07-07088-03 DMS PROJECT ID: 94903

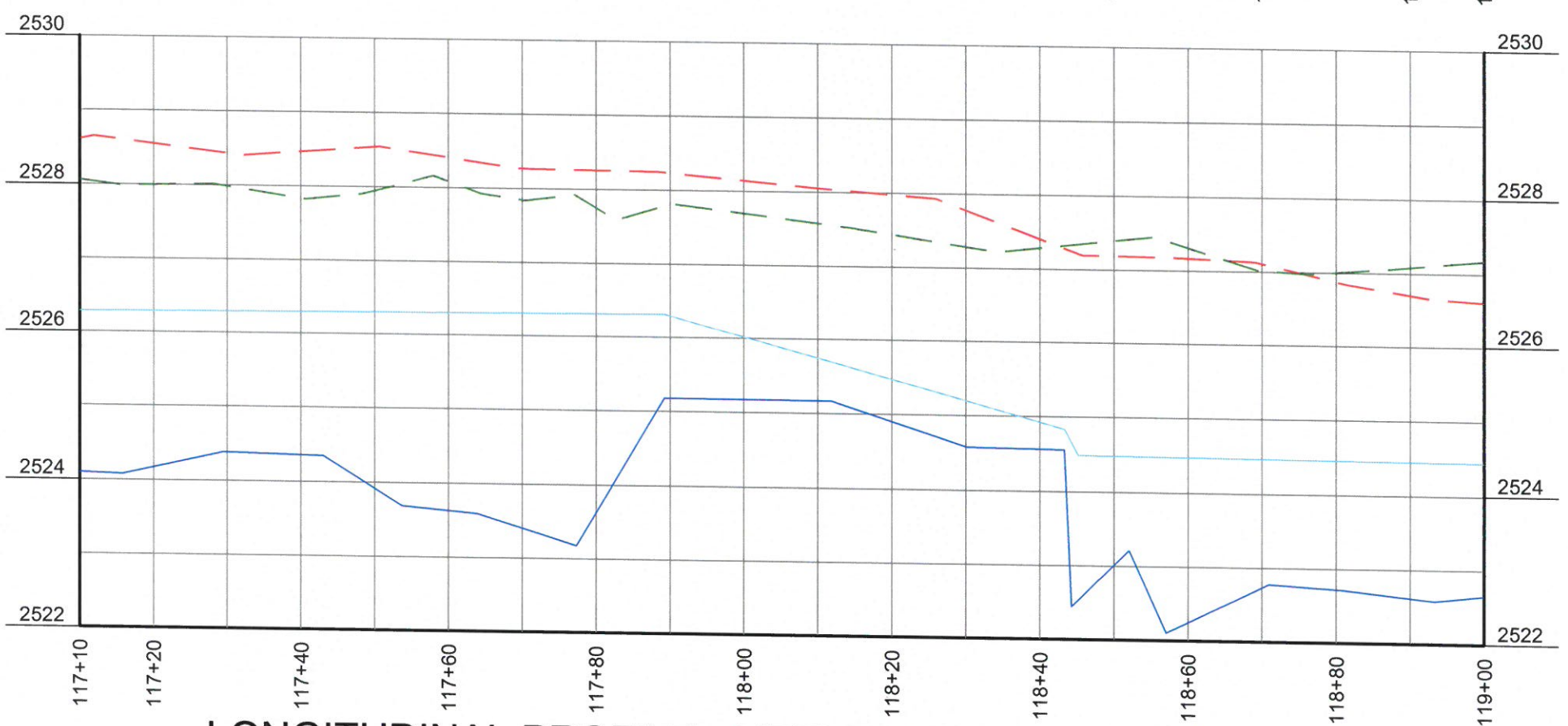
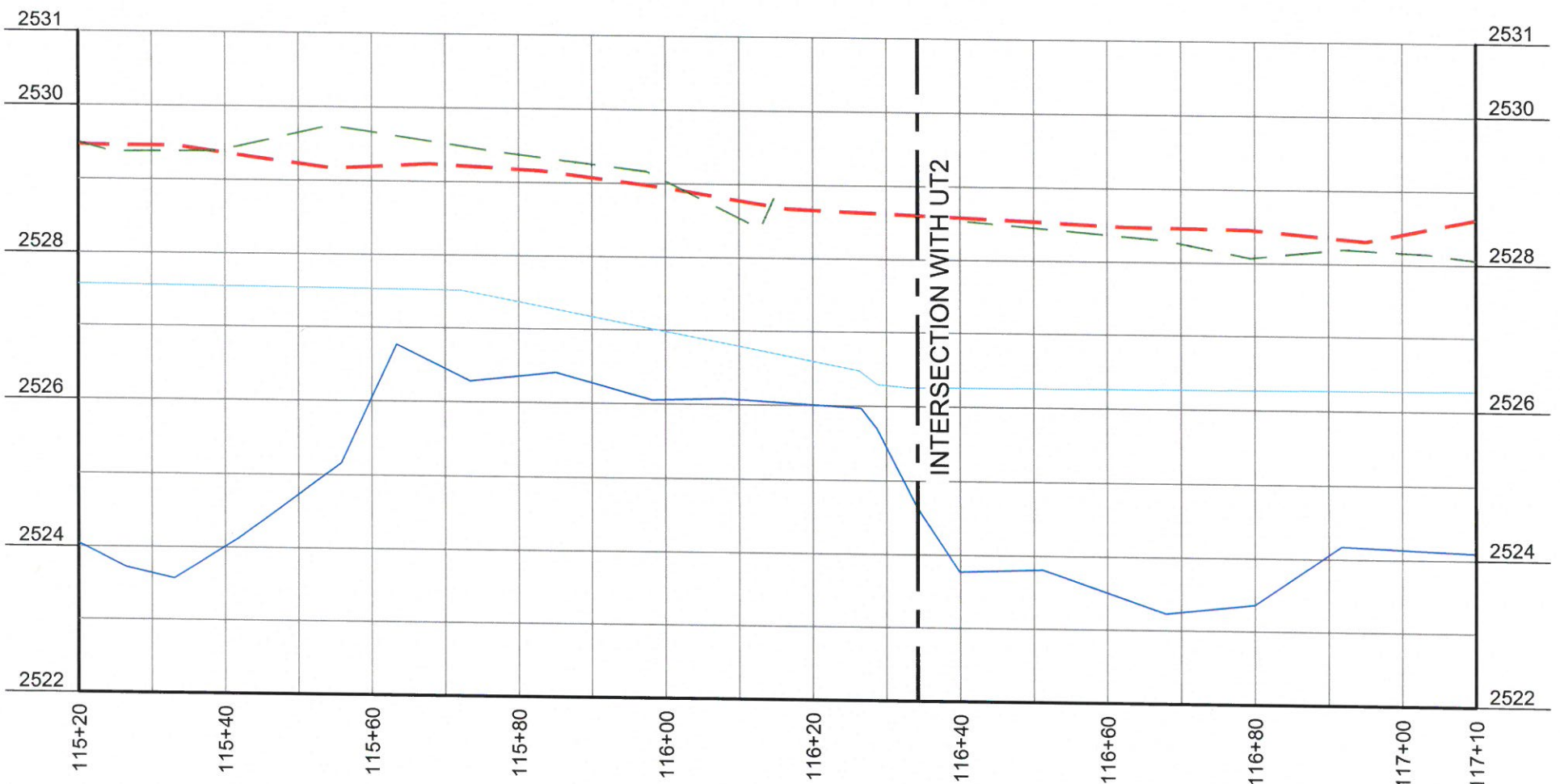
PROJECT:
LITTLE PINE CREEK III STREAM & WETLAND RESTORATION PROJECT

SHEET TITLE:
**STREAM DATA: LONGITUDINAL PROFILE-LITTLE PINE CREEK-REACH 1,
 REACH 2A**

TOWNSHIP: GLADE CREEK	COUNTY: ALLEGHANY	STATE: NORTH CAROLINA
DRAWN BY: NH	CHECKED BY: PBK	SURVEY BY: DD, KP, CB, SH
SCALE: AS SHOWN	SHEET SIZE: 11" X 17"	JOB: 1509144-AB
		SURVEY DATES: 10/28/15-11/06/15, 3-29-16
		SHEET: 39 OF 56

#	DATE	REVISIONS	#	DATE	REVISIONS

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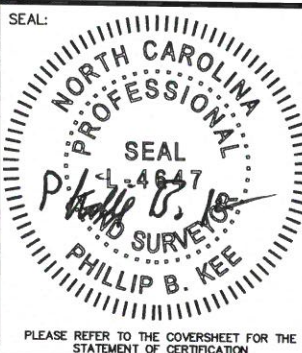
LONGITUDINAL PROFILE - LITTLE PINE CREEK-REACH 2A

HORIZONTAL SCALE: 1" = 20'

VERTICAL SCALE: 1" = 2'

LEGEND

- THALWEG
- - - WATER SURFACE
- - - RIGHT TOP OF BANK
- - - LEFT TOP OF BANK



AN AS-BUILT SURVEY FOR:
THE STATE OF NORTH CAROLINA
 DIVISION OF MITIGATION SERVICES

SCO PROJECT NUMBER: 07-07088-03 DMS PROJECT ID: 94903

PROJECT:
LITTLE PINE CREEK III STREAM & WETLAND RESTORATION PROJECT

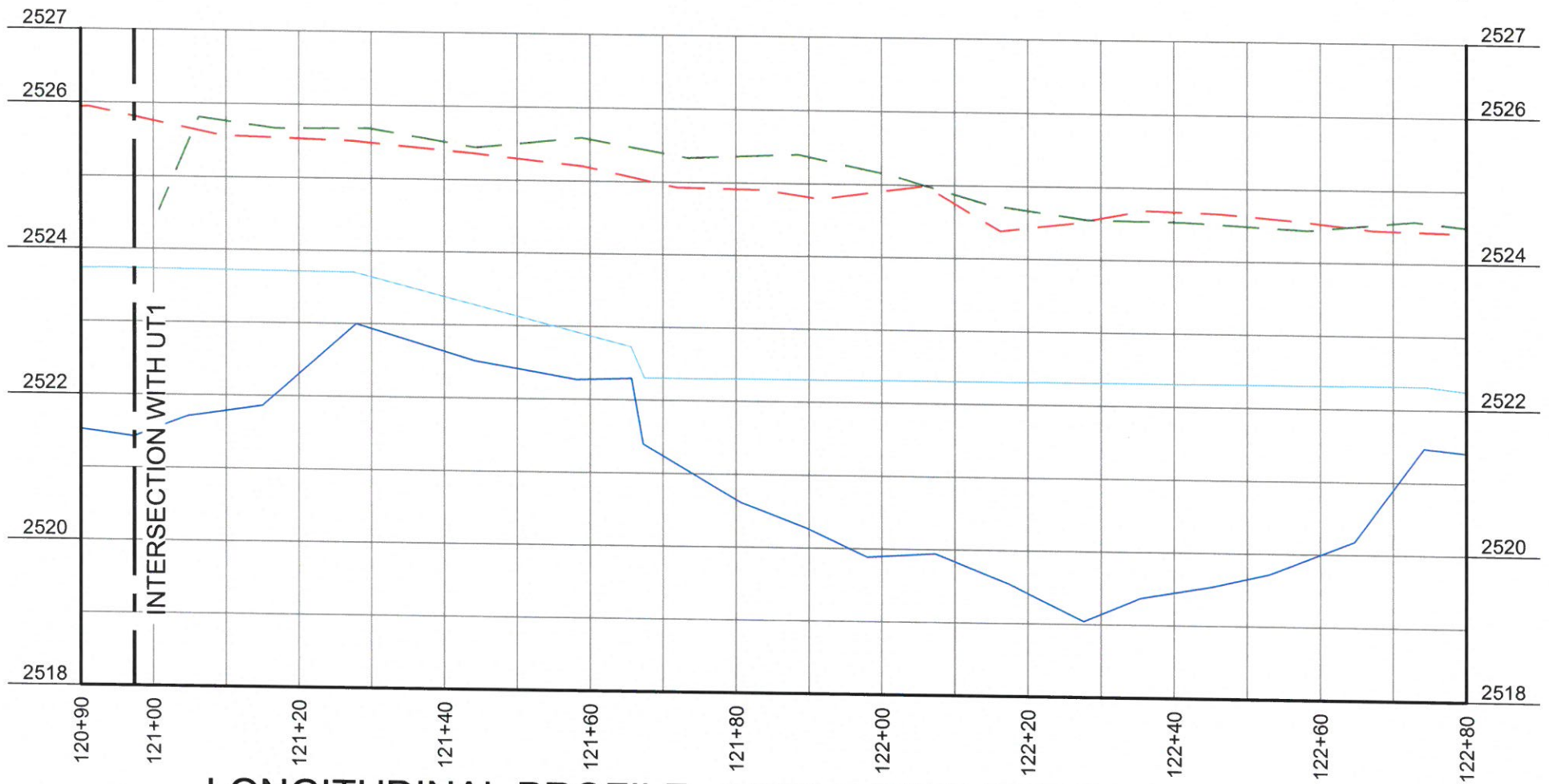
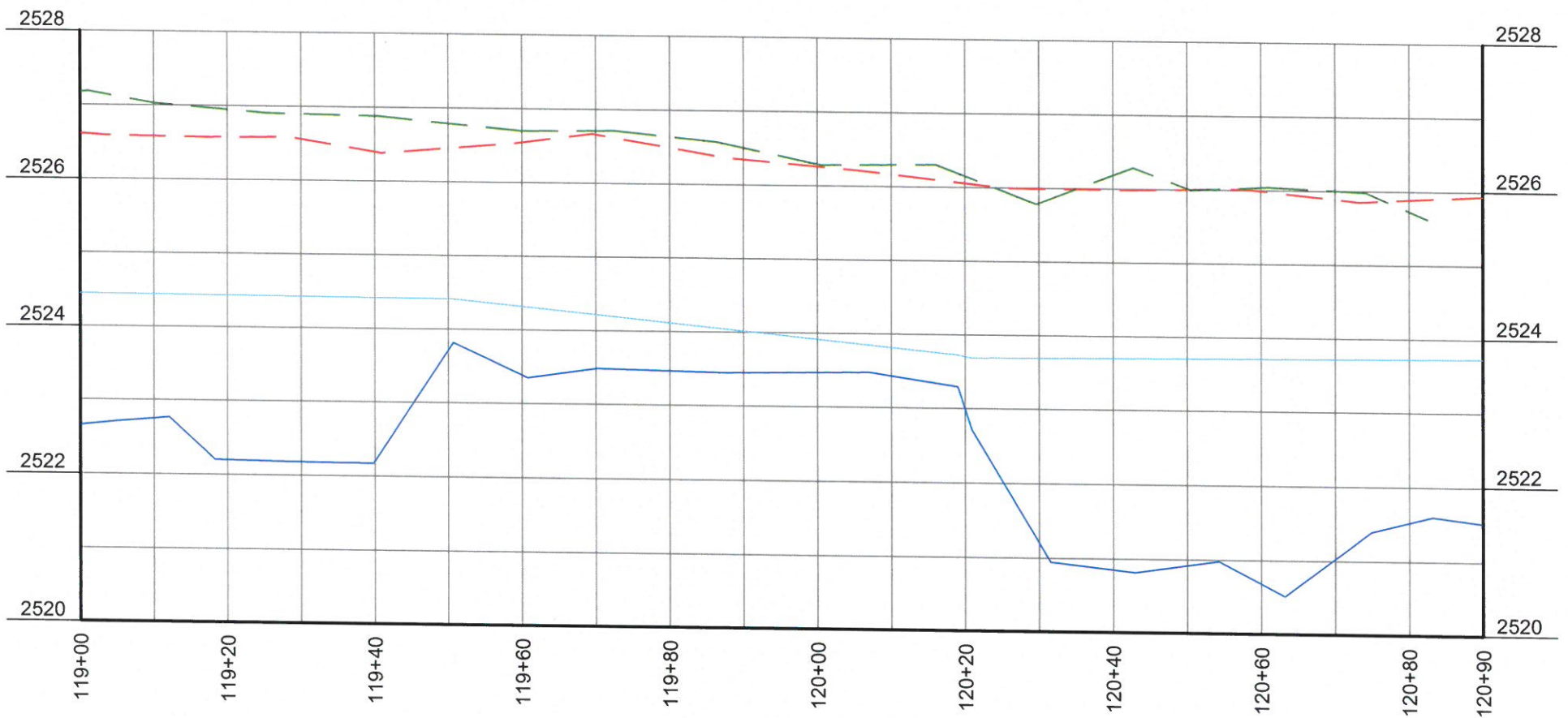
SHEET TITLE:
STREAM DATA: LONGITUDINAL PROFILE-LITTLE PINE CREEK-REACH 2A

TOWNSHIP: GLADE CREEK		COUNTY: ALLEGHANY		STATE: NORTH CAROLINA	
DRAWN BY: NH	CHECKED BY: PBK	SURVEY BY: DD,KP,CB,SH		SURVEY DATES: 10/28/15-11/06/15,3-29-16	
SCALE: AS SHOWN	SHEET SIZE: 11" X 17"	JOB: 1509144-AB		SHEET: 40 OF 56	
#	DATE	REVISIONS	#	DATE	REVISIONS



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LONGITUDINAL PROFILE - LITTLE PINE CREEK-REACH 2A

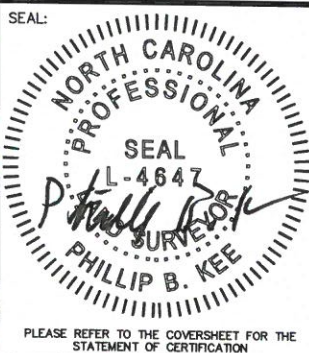
HORIZONTAL SCALE: 1" = 20'

VERTICAL SCALE: 1" = 2'

LEGEND

- THALWEG
- - - WATER SURFACE
- - - RIGHT TOP OF BANK
- - - LEFT TOP OF BANK

NOTE: SEE SHEET #1 FOR SURVEYOR'S NOTES



AN AS-BUILT SURVEY FOR:
THE STATE OF NORTH CAROLINA
DIVISION OF MITIGATION SERVICES

SCO PROJECT NUMBER: 07-07088-03 DMS PROJECT ID: 94903

PROJECT:
LITTLE PINE CREEK III STREAM & WETLAND RESTORATION PROJECT

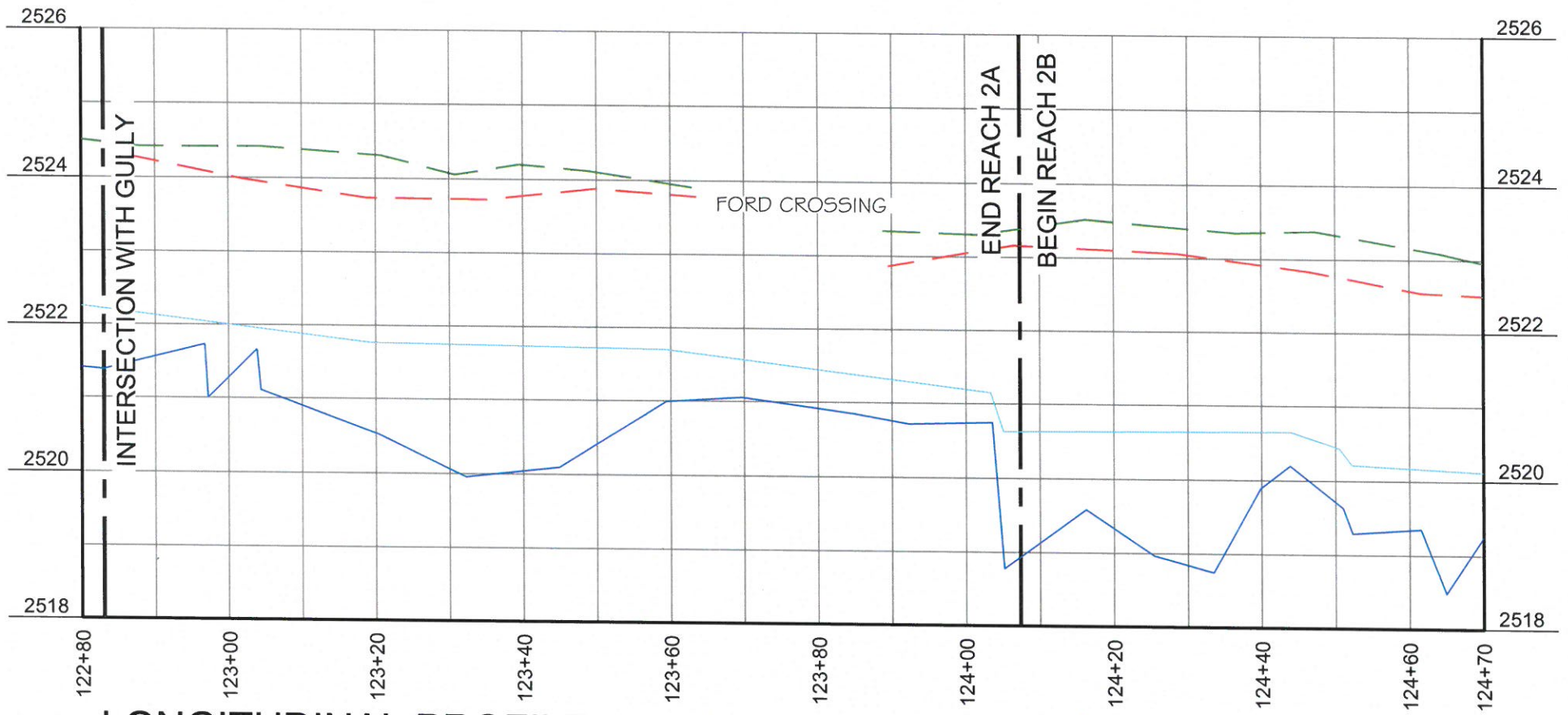
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STREAM DATA: LONGITUDINAL PROFILE-LITTLE PINE CREEK-REACH 2A

TOWNSHIP: GLADE CREEK	COUNTY: ALLEGHANY	STATE: NORTH CAROLINA
DRAWN BY: NH	CHECKED BY: PBK	SURVEY BY: DD, KP, CB, SH
SCALE: AS SHOWN	SHEET SIZE: 11" X 17"	JOB: 1509144-AB
		SHEET: 41 OF 56

#	DATE	REVISIONS	#	DATE	REVISIONS

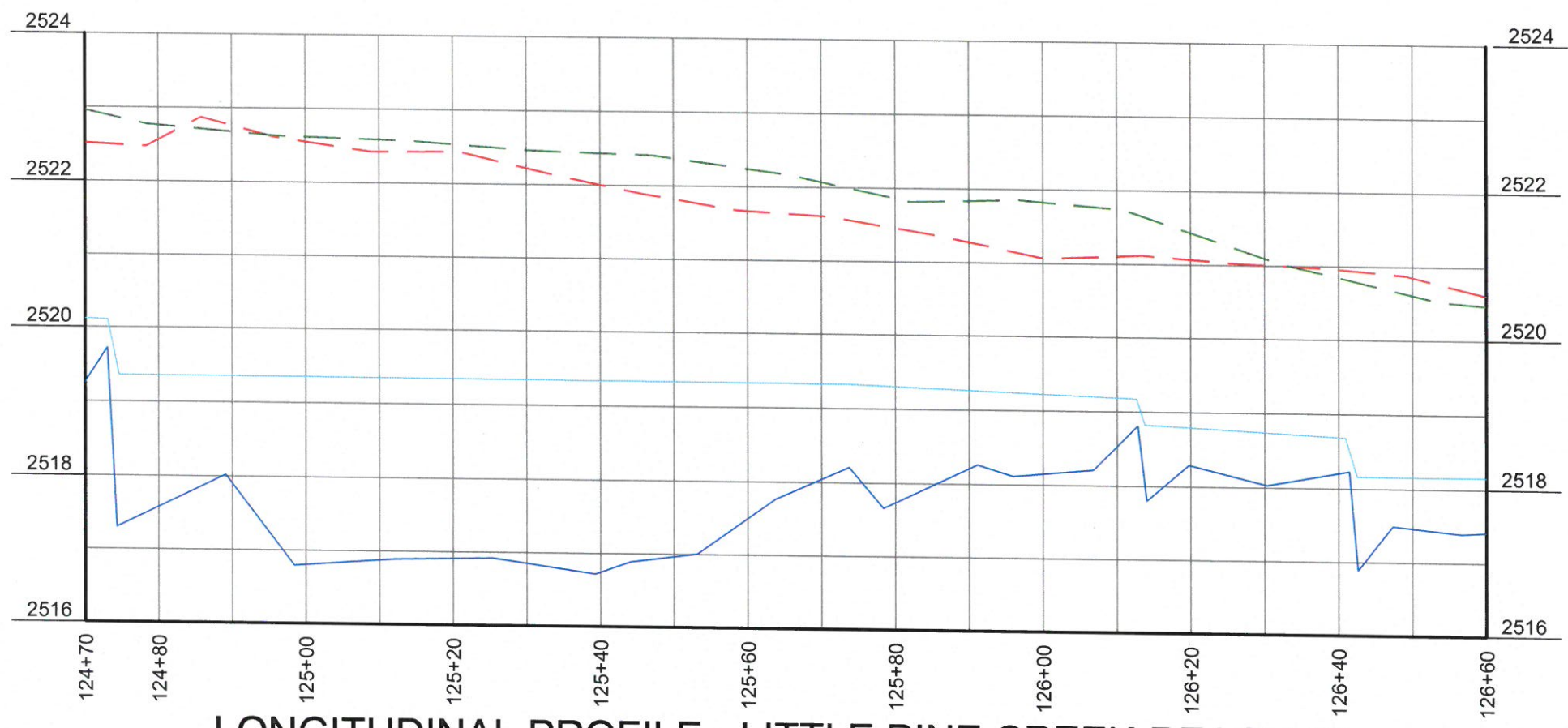
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LONGITUDINAL PROFILE - LITTLE PINE CREEK-REACH 2A-REACH 2B

HORIZONTAL SCALE: 1" = 20'
 VERTICAL SCALE: 1" = 2'



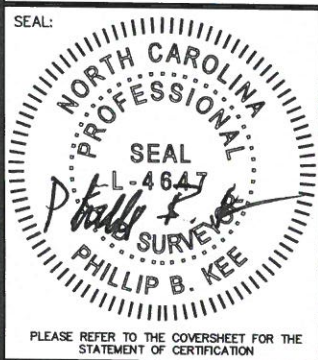
LONGITUDINAL PROFILE - LITTLE PINE CREEK-REACH 2B

HORIZONTAL SCALE: 1" = 20'
 VERTICAL SCALE: 1" = 2'

LEGEND

- THALWEG
- - - WATER SURFACE
- - - RIGHT TOP OF BANK
- - - LEFT TOP OF BANK

NOTE: SEE SHEET #1 FOR SURVEYOR'S NOTES



AN AS-BUILT SURVEY FOR:
THE STATE OF NORTH CAROLINA
DIVISION OF MITIGATION SERVICES

SCO PROJECT NUMBER: 07-07088-03 DMS PROJECT ID: 94903

PROJECT:
LITTLE PINE CREEK III STREAM & WETLAND RESTORATION PROJECT

SHEET TITLE:
**STREAM DATA: LONGITUDINAL PROFILE-LITTLE PINE CREEK-REACH 2A,
 REACH 2B**

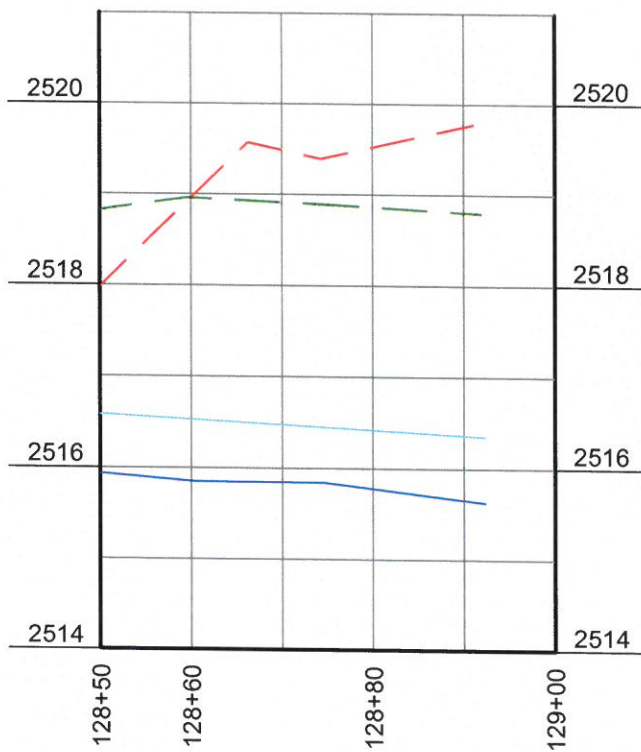
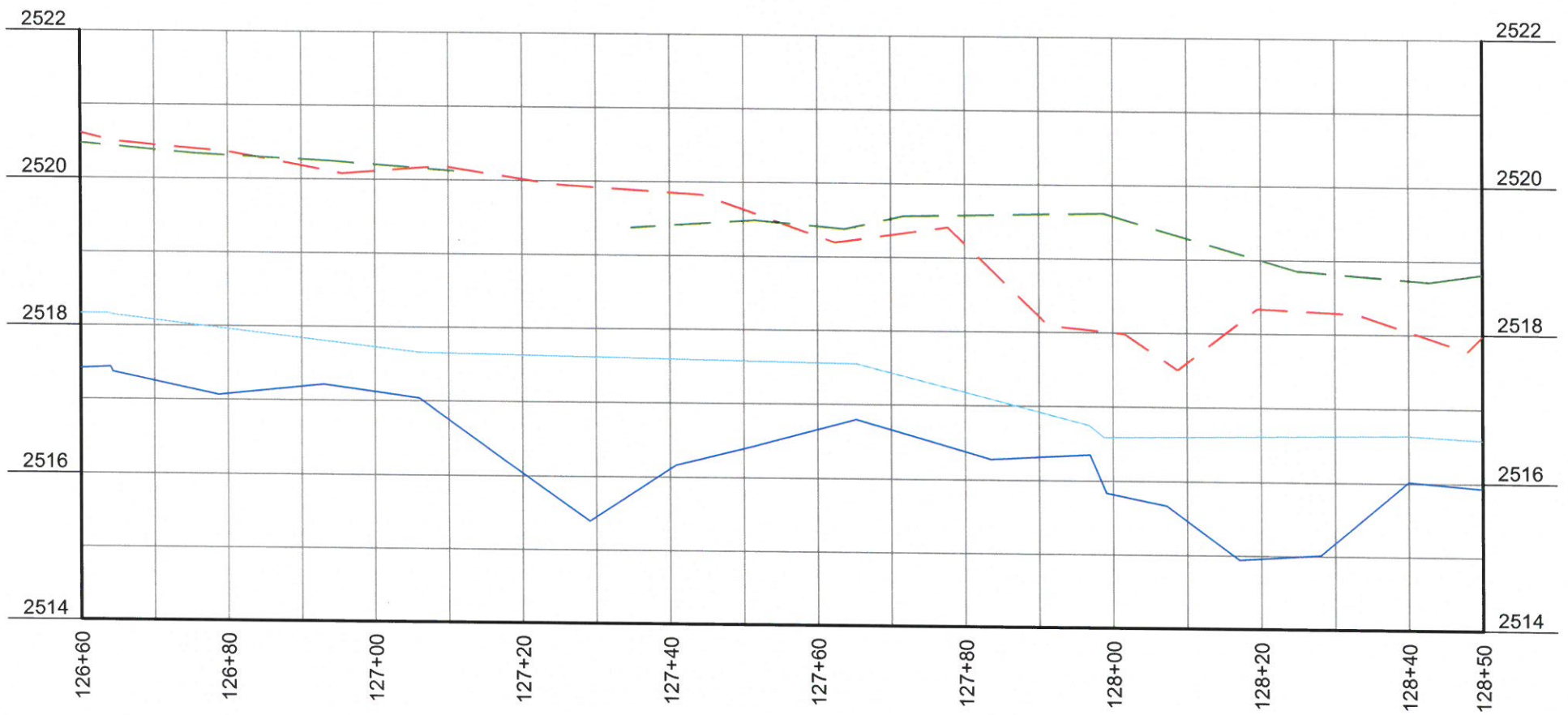
TOWNSHIP: GLADE CREEK	COUNTY: ALLEGHANY	STATE: NORTH CAROLINA
DRAWN BY: NH	CHECKED BY: PBK	SURVEY BY: DD, KP, CB, SH
SCALE: AS SHOWN	SHEET SIZE: 11" X 17"	JOB: 1509144-AB
		SURVEY DATES: 10/28/15-11/06/15, 3-29-16
		SHEET: 42 OF 56

#	DATE	REVISIONS	#	DATE	REVISIONS

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LONGITUDINAL PROFILE - LITTLE PINE CREEK-REACH 2B

HORIZONTAL SCALE: 1" = 20'

VERTICAL SCALE: 1" = 2'

LEGEND

- THALWEG
- - - WATER SURFACE
- - - RIGHT TOP OF BANK
- - - LEFT TOP OF BANK

NOTE: SEE SHEET #1 FOR SURVEYOR'S NOTES



AN AS-BUILT SURVEY FOR:
THE STATE OF NORTH CAROLINA
 DIVISION OF MITIGATION SERVICES

SCO PROJECT NUMBER: 07-07088-03

DMS PROJECT ID: 94903

PROJECT:
LITTLE PINE CREEK III STREAM & WETLAND RESTORATION PROJECT

SHEET TITLE:
STREAM DATA: LONGITUDINAL PROFILE-LITTLE PINE CREEK-REACH 2B

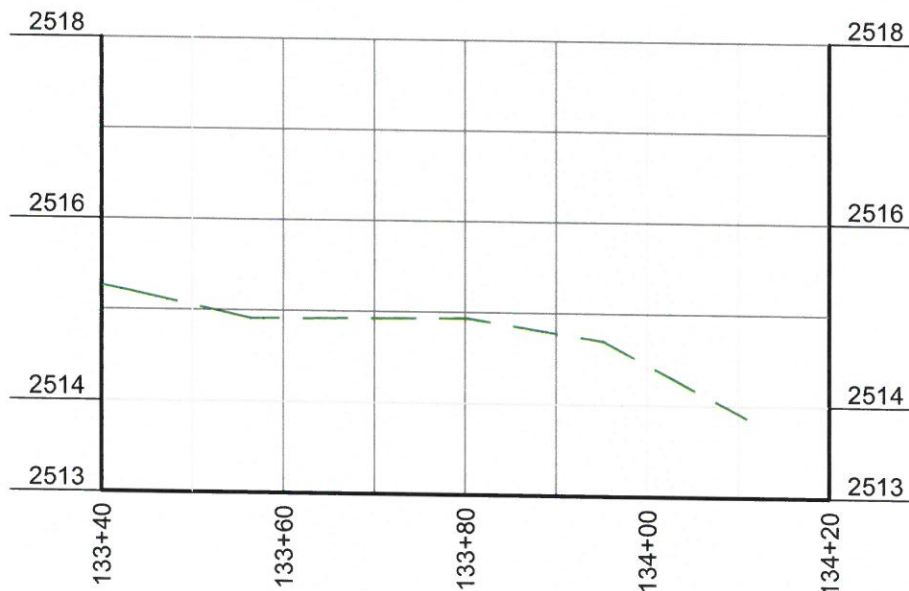
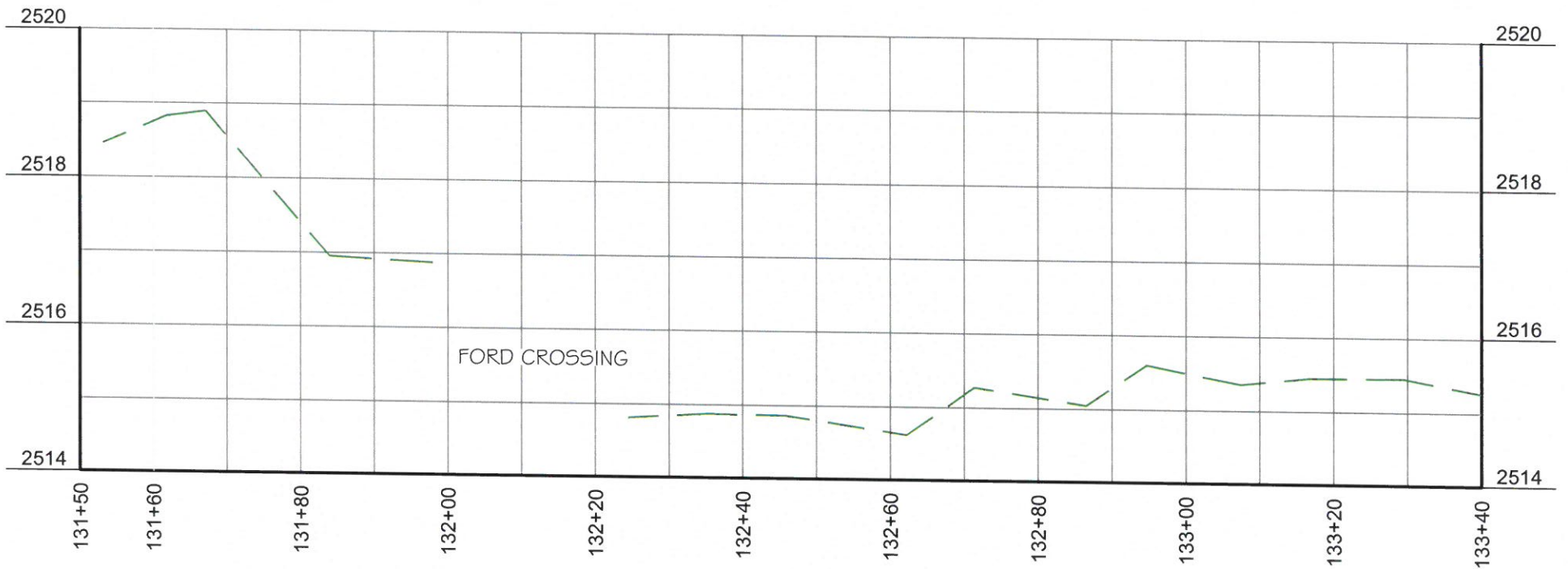
TOWNSHIP: GLADE CREEK	COUNTY: ALLEGHANY	STATE: NORTH CAROLINA
DRAWN BY: NH	CHECKED BY: PBK	SURVEY BY: DD, KP, CB, SH
SCALE: AS SHOWN	SHEET SIZE: 11" X 17"	JOB: 1509144-AB
		SHEET: 43 OF 56

#	DATE	REVISIONS	#	DATE	REVISIONS



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LONGITUDINAL PROFILE - LITTLE PINE CREEK-REACH 2B

HORIZONTAL SCALE: 1" = 20'

VERTICAL SCALE: 1" = 2'

LEGEND

- THALWEG
- WATER SURFACE
- RIGHT TOP OF BANK
- LEFT TOP OF BANK

NOTE: SEE SHEET #1 FOR SURVEYOR'S NOTES



AN AS-BUILT SURVEY FOR:
**THE STATE OF NORTH CAROLINA
 DIVISION OF MITIGATION SERVICES**

SCO PROJECT NUMBER: 07-07088-03 DMS PROJECT ID: 94903

PROJECT:
LITTLE PINE CREEK III STREAM & WETLAND RESTORATION PROJECT

SHEET TITLE:
STREAM DATA: LONGITUDINAL PROFILE-LITTLE PINE CREEK-REACH 2B

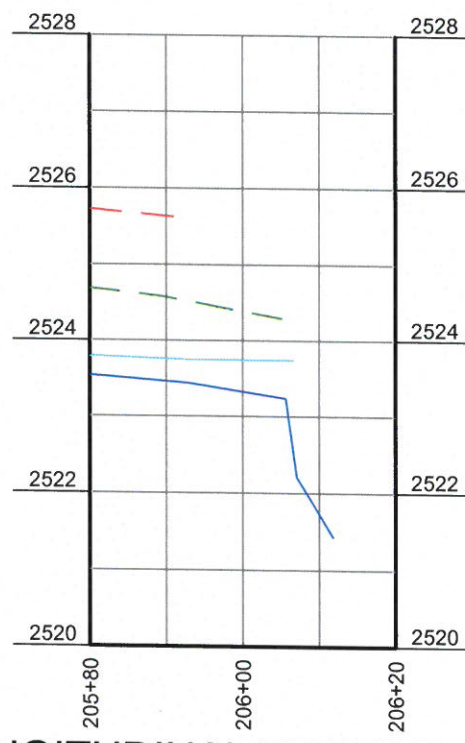
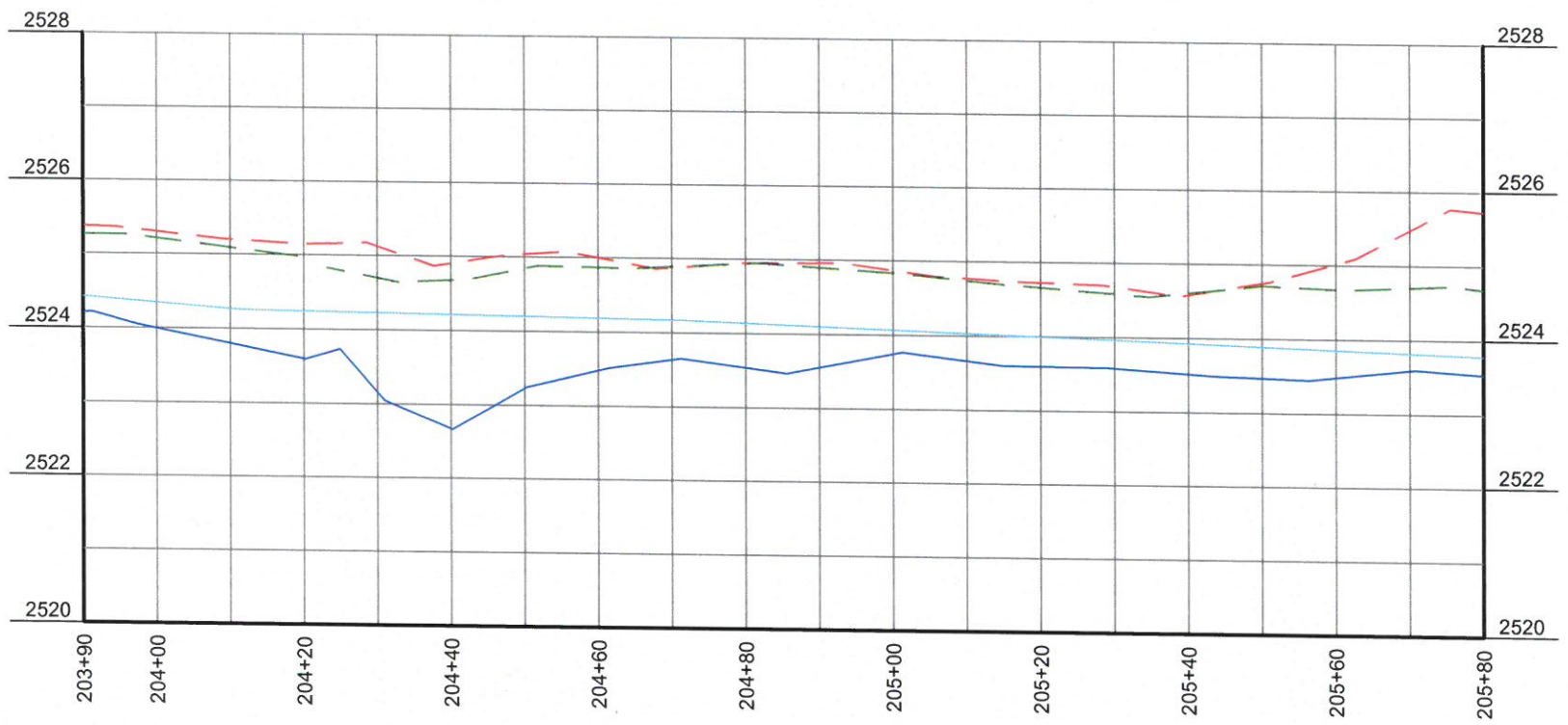
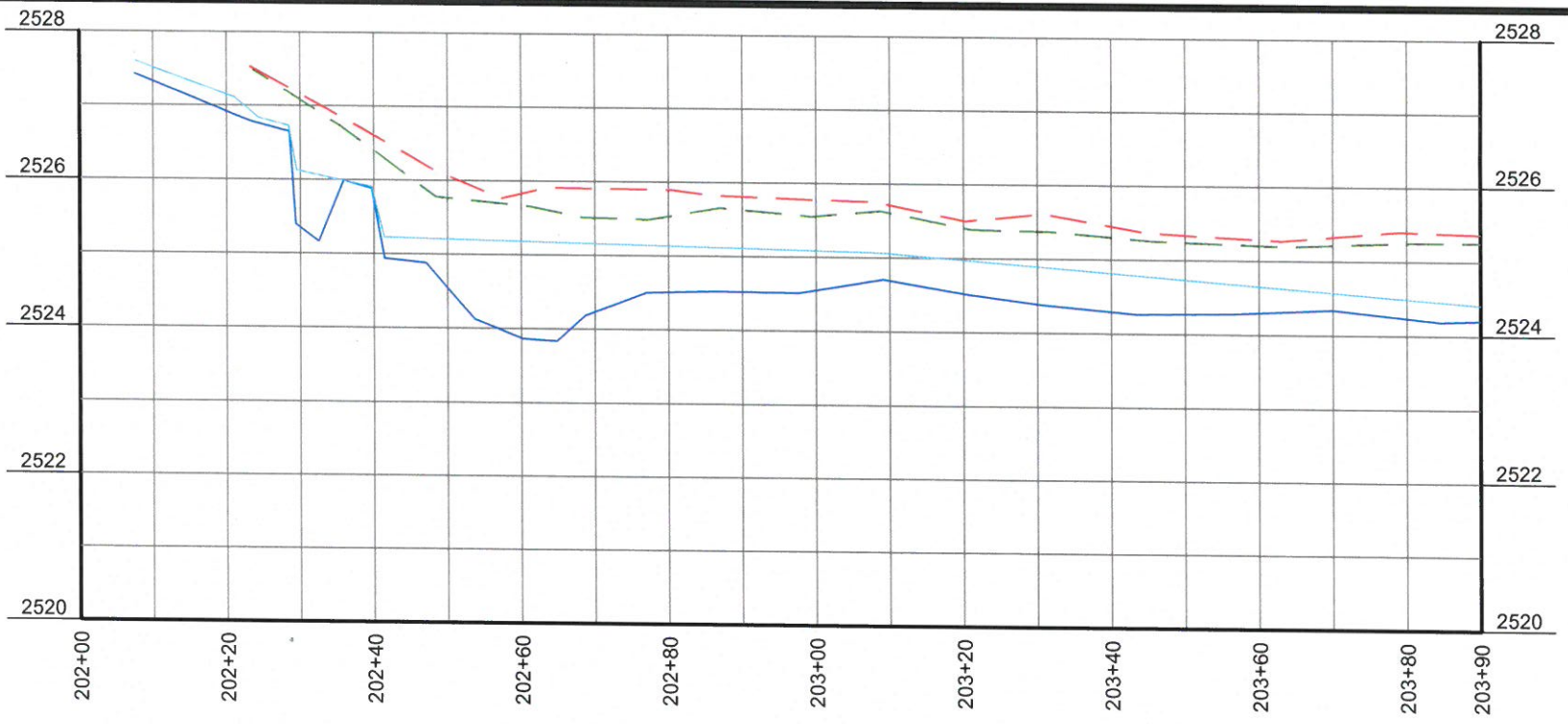
TOWNSHIP: GLADE CREEK	COUNTY: ALLEGHANY	STATE: NORTH CAROLINA
DRAWN BY: NH	CHECKED BY: PBK	SURVEY BY: DD,KP,CB,SH
SCALE: AS SHOWN	SHEET SIZE: 11" X 17"	JOB: 1509144-AB
SHEET: 44 OF 56		

#	DATE	REVISIONS	#	DATE	REVISIONS

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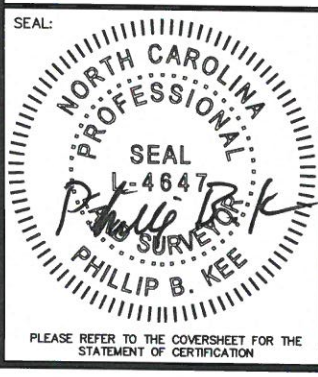


LONGITUDINAL PROFILE - UT1
 HORIZONTAL SCALE: 1" = 20'
 VERTICAL SCALE: 1" = 2'

LEGEND

- THALWEG
- WATER SURFACE
- - - RIGHT TOP OF BANK
- - - LEFT TOP OF BANK

NOTE: SEE SHEET #1 FOR SURVEYOR'S NOTES



AN AS-BUILT SURVEY FOR:
THE STATE OF NORTH CAROLINA
DIVISION OF MITIGATION SERVICES

SCO PROJECT NUMBER: 07-07088-03 DMS PROJECT ID: 94903

PROJECT:
LITTLE PINE CREEK III STREAM & WETLAND RESTORATION PROJECT

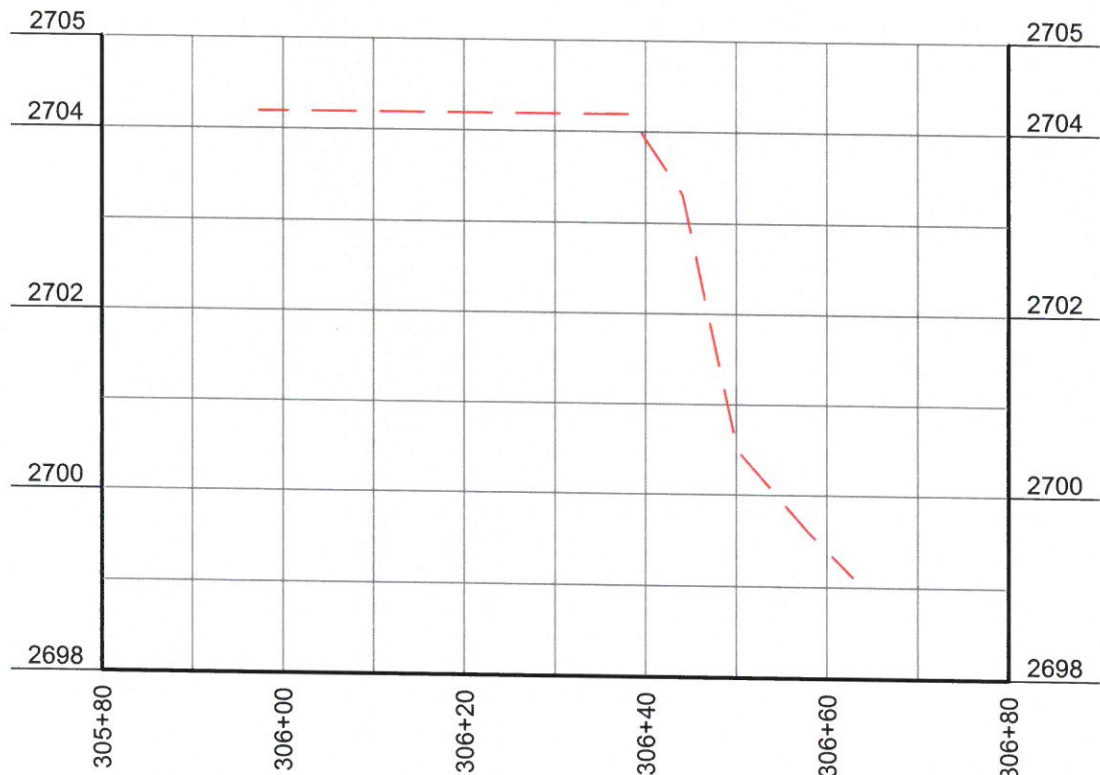
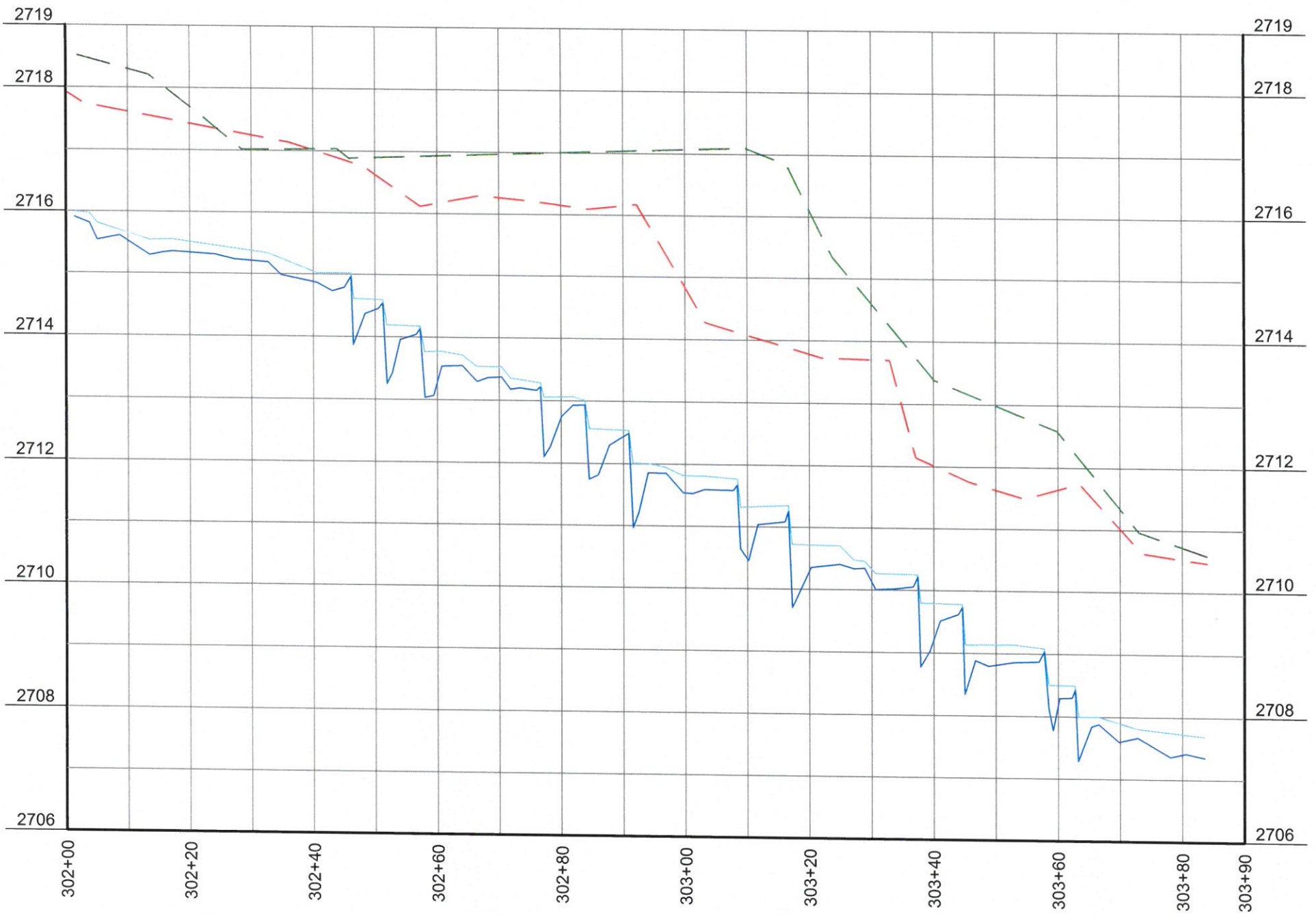
SHEET TITLE:
STREAM DATA: LONGITUDINAL PROFILE: UT1

TOWNSHIP: GLADE CREEK	COUNTY: ALLEGHANY	STATE: NORTH CAROLINA
DRAWN BY: NH	CHECKED BY: PBK	SURVEY BY: DD, KP, CB, SH
SCALE: AS SHOWN	SHEET SIZE: 11" X 17"	JOB: 1509144-AB
SURVEY DATES: 10/28/15-11/06/15, 3-29-16		SHEET: 45 OF 56

#	DATE	REVISIONS	#	DATE	REVISIONS

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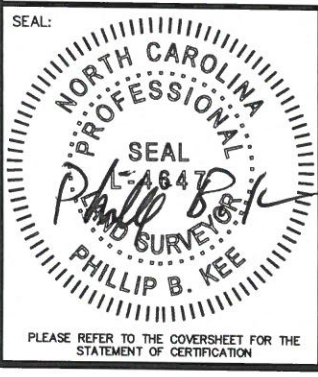


LONGITUDINAL PROFILE - UT2-REACH 1
 HORIZONTAL SCALE: 1" = 20'
 VERTICAL SCALE: 1" = 2'

LEGEND

- THALWEG
- - - WATER SURFACE
- - - RIGHT TOP OF BANK
- - - LEFT TOP OF BANK

NOTE: SEE SHEET #1 FOR SURVEYOR'S NOTES



AN AS-BUILT SURVEY FOR:
THE STATE OF NORTH CAROLINA
DIVISION OF MITIGATION SERVICES

SCO PROJECT NUMBER: 07-07088-03 DMS PROJECT ID: 94903

PROJECT:
LITTLE PINE CREEK III STREAM & WETLAND RESTORATION PROJECT

SHEET TITLE:
STREAM DATA: LONGITUDINAL PROFILE-UT2-REACH 1

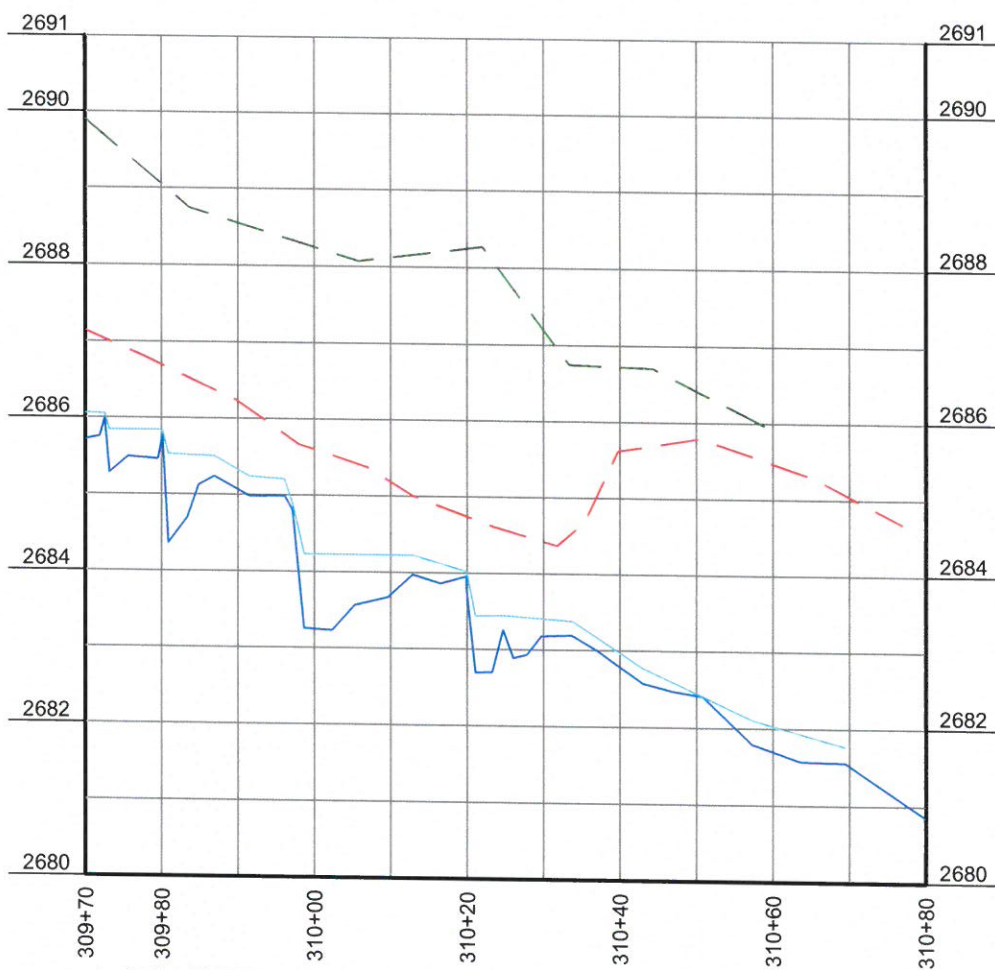
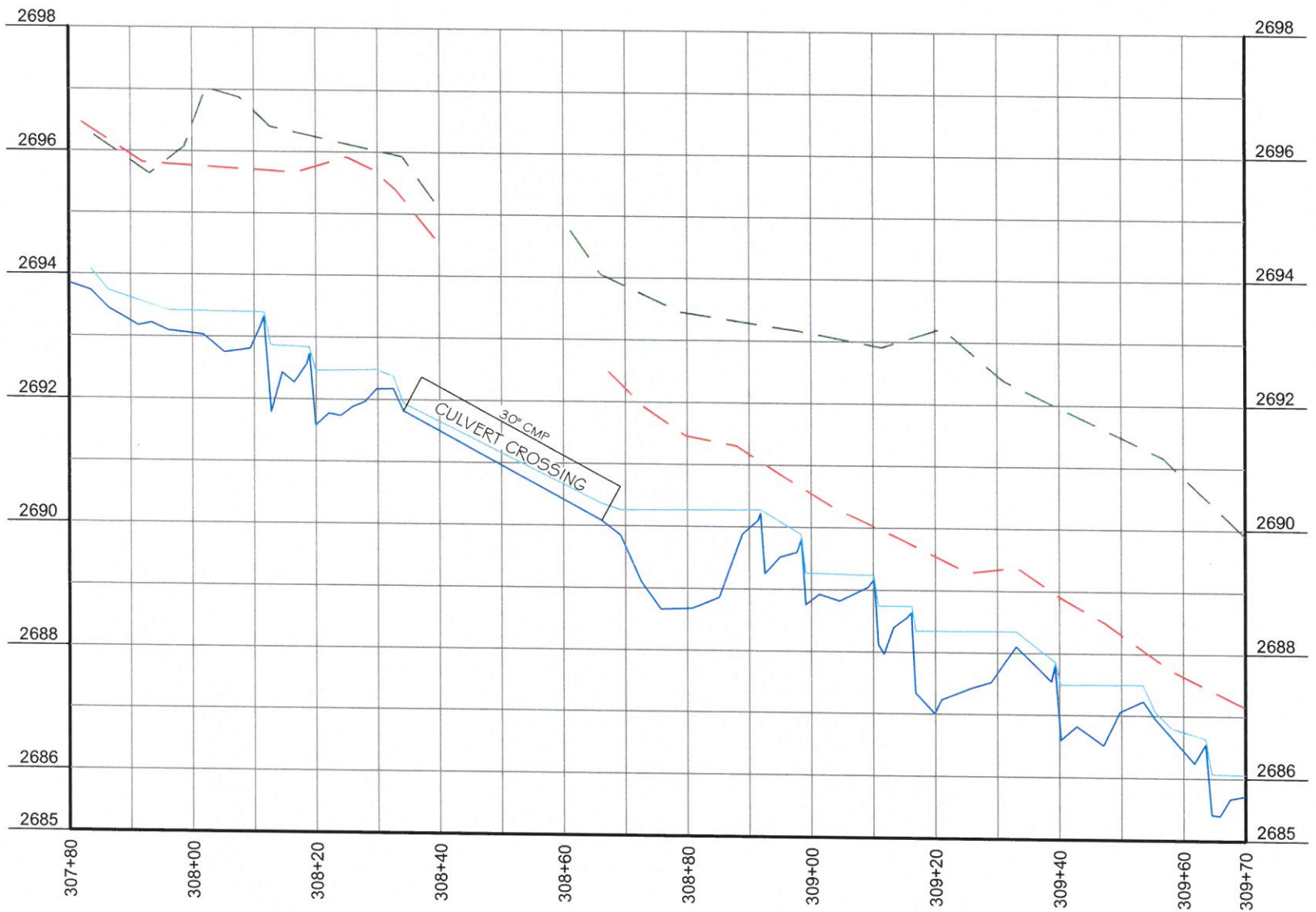
TOWNSHIP: GLADE CREEK	COUNTY: ALLEGHANY	STATE: NORTH CAROLINA
DRAWN BY: NH	CHECKED BY: PBK	SURVEY BY: DD, KP, CB, SH
SCALE: AS SHOWN	SHEET SIZE: 11" X 17"	JOB: 1509144-AB
		SURVEY DATES: 10/28/15-11/06/15, 3-29-16
		SHEET: 46 OF 56

#	DATE	REVISIONS	#	DATE	REVISIONS

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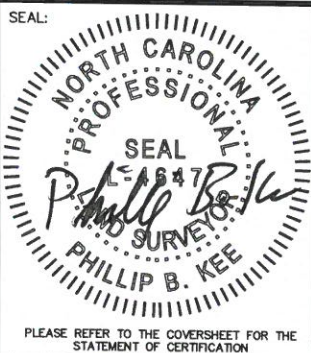
LONGITUDINAL PROFILE - UT2-REACH 1

HORIZONTAL SCALE: 1" = 20'
 VERTICAL SCALE: 1" = 2'

LEGEND

- THALWEG
- - - WATER SURFACE
- - - RIGHT TOP OF BANK
- - - LEFT TOP OF BANK

NOTE: SEE SHEET #1 FOR SURVEYOR'S NOTES



AN AS-BUILT SURVEY FOR:
**THE STATE OF NORTH CAROLINA
 DIVISION OF MITIGATION SERVICES**

SCO PROJECT NUMBER: 07-07088-03 DMS PROJECT ID: 94903

PROJECT:
LITTLE PINE CREEK III STREAM & WETLAND RESTORATION PROJECT

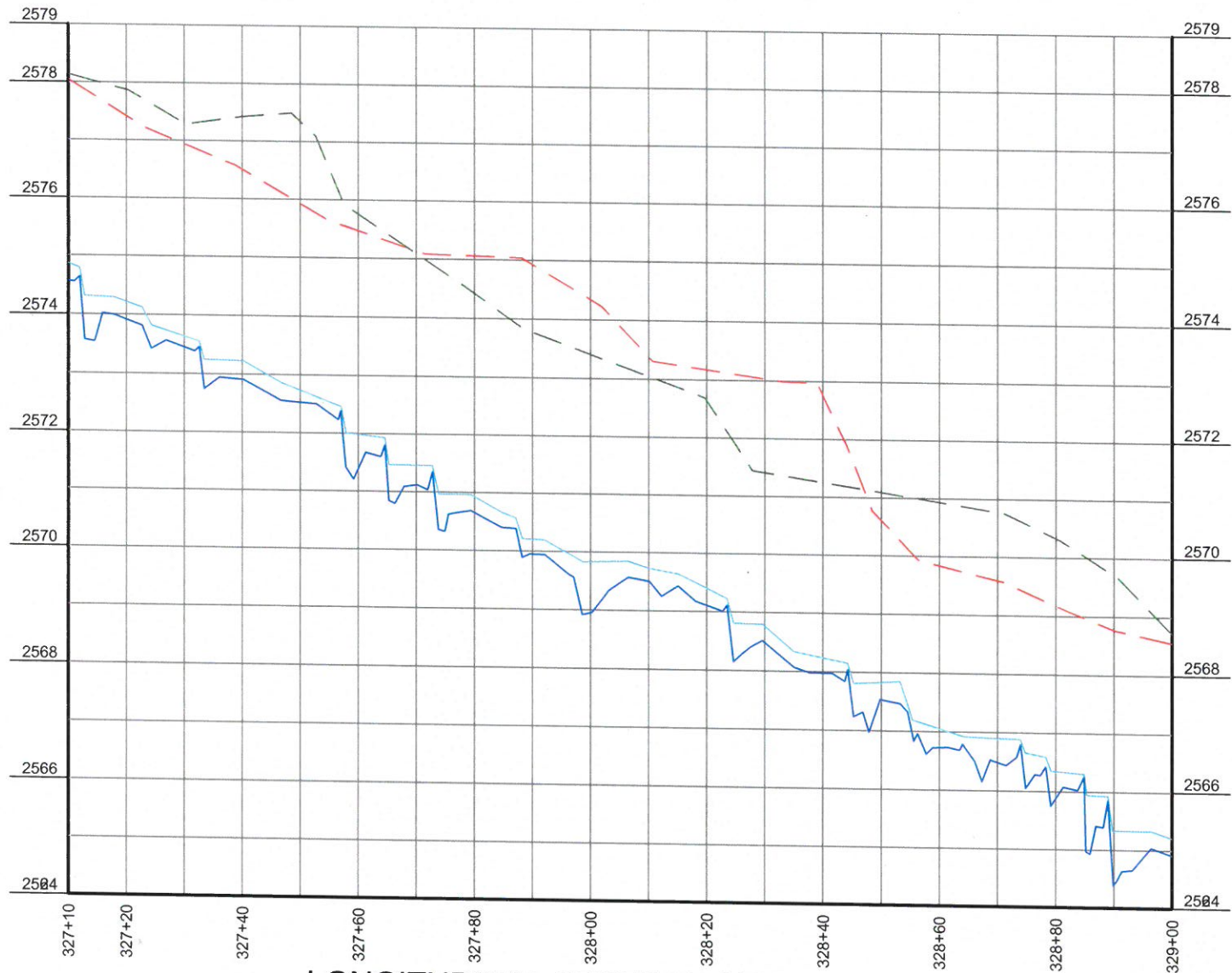
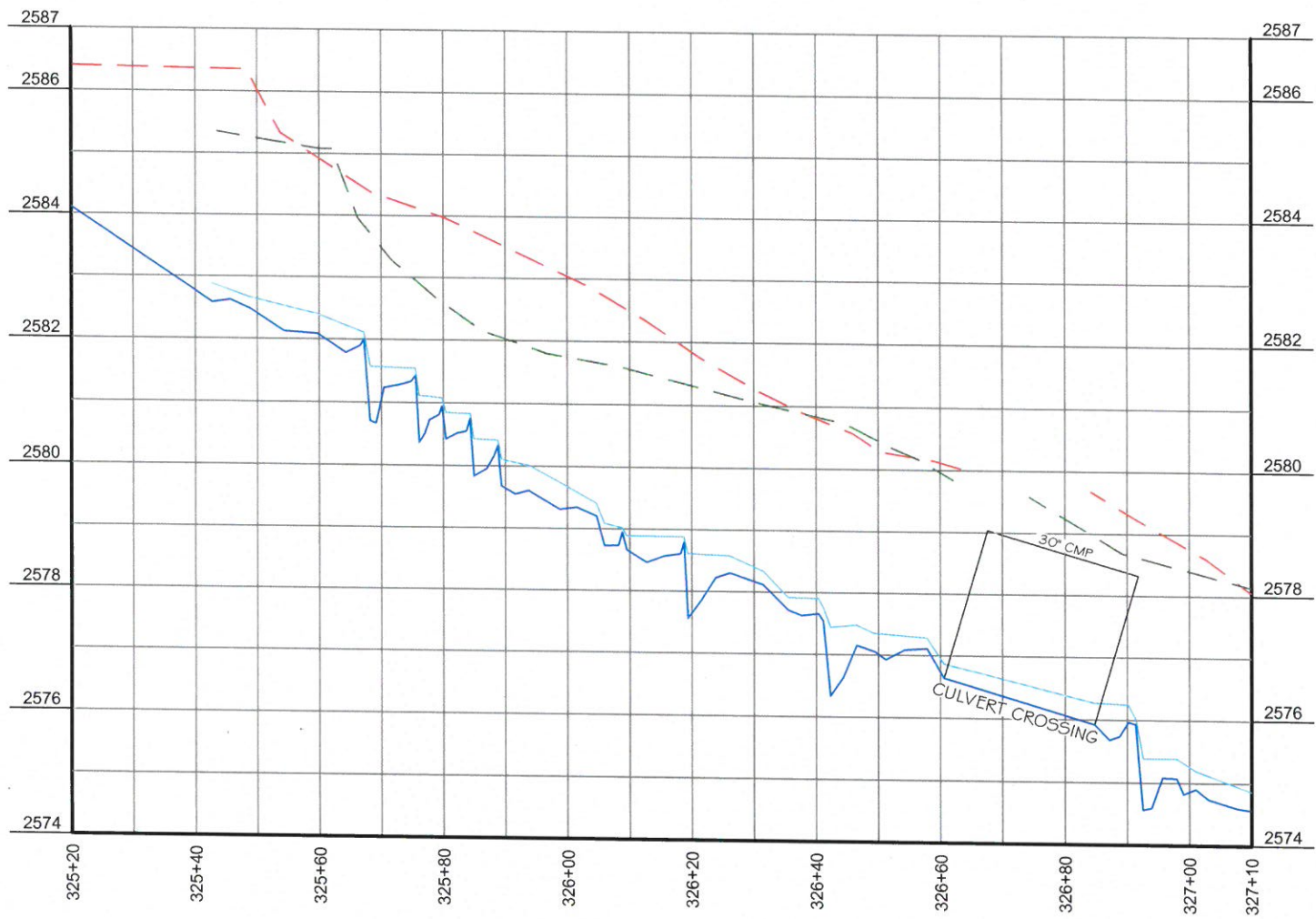
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STREAM DATA: LONGITUDINAL PROFILE-UT2-REACH 1

TOWNSHIP: GLADE CREEK	COUNTY: ALLEGHANY	STATE: NORTH CAROLINA
DRAWN BY: NH	CHECKED BY: PBK	SURVEY BY: DD, KP, CB, SH
SCALE: AS SHOWN	SHEET SIZE: 11" X 17"	JOB: 1509144-AB
SHEET: 47 OF 56		
#	DATE	REVISIONS

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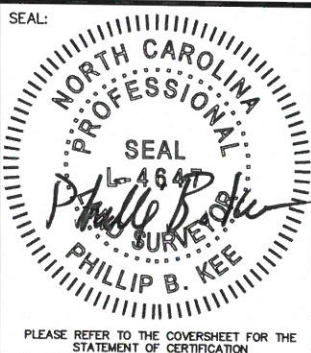
LONGITUDINAL PROFILE - UT2-REACH 1

HORIZONTAL SCALE: 1" = 20'
 VERTICAL SCALE: 1" = 2'

LEGEND

- THALWEG
- - - WATER SURFACE
- - - RIGHT TOP OF BANK
- - - LEFT TOP OF BANK

NOTE: SEE SHEET #1 FOR SURVEYOR'S NOTES



AN AS-BUILT SURVEY FOR:
THE STATE OF NORTH CAROLINA
 DIVISION OF MITIGATION SERVICES

SCO PROJECT NUMBER: 07-07088-03 DMS PROJECT ID: 94903

PROJECT:
LITTLE PINE CREEK III STREAM & WETLAND RESTORATION PROJECT

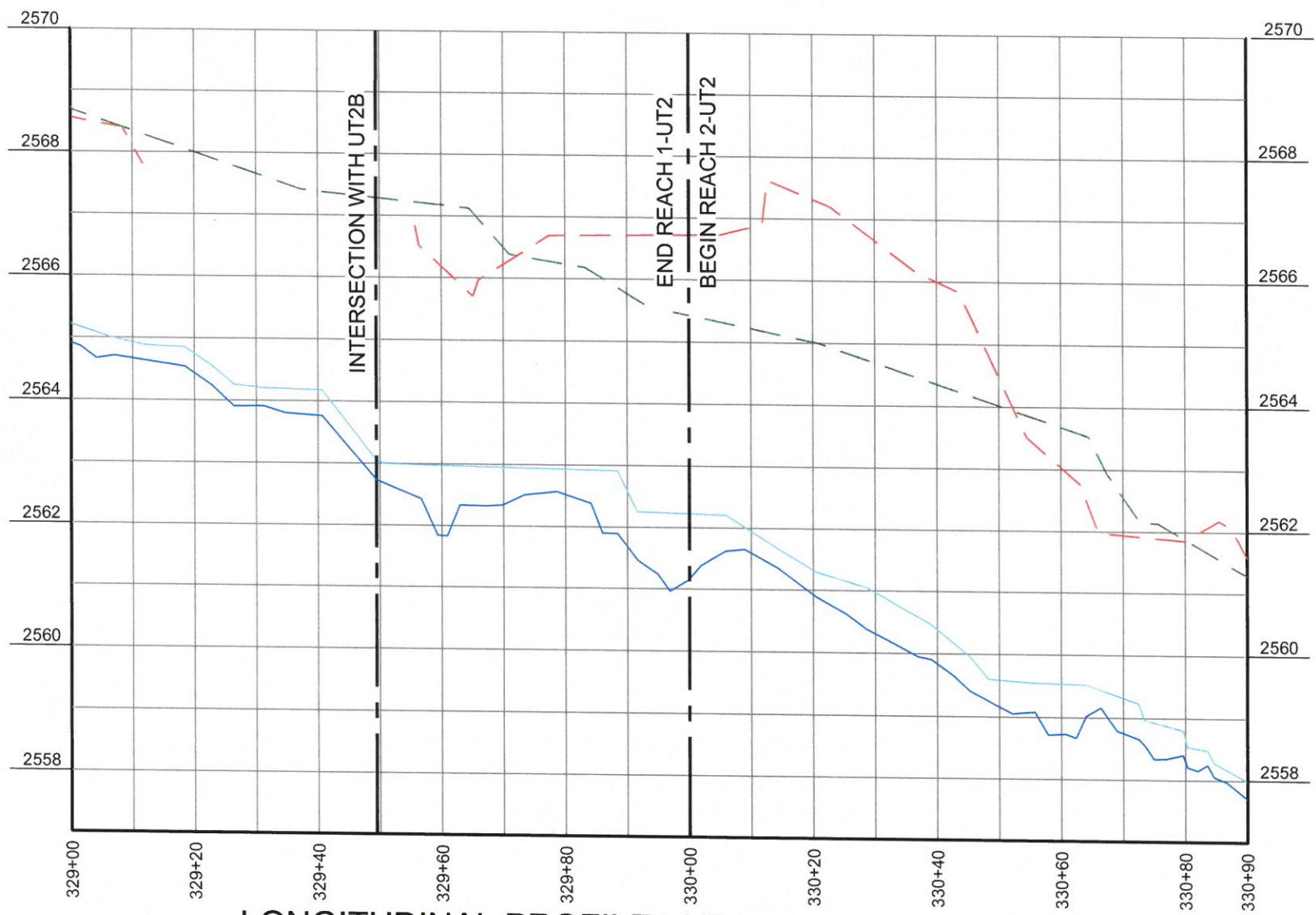
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STREAM DATA: LONGITUDINAL PROFILE-UT2-REACH 1

TOWNSHIP: GLADE CREEK	COUNTY: ALLEGHANY	STATE: NORTH CAROLINA			
DRAWN BY: NH	CHECKED BY: PBK	SURVEY BY: DD,KP,CB,SH			
SCALE: AS SHOWN	SHEET SIZE: 11" X 17"	JOB: 1509144-AB			
#	DATE	REVISIONS	#	DATE	REVISIONS



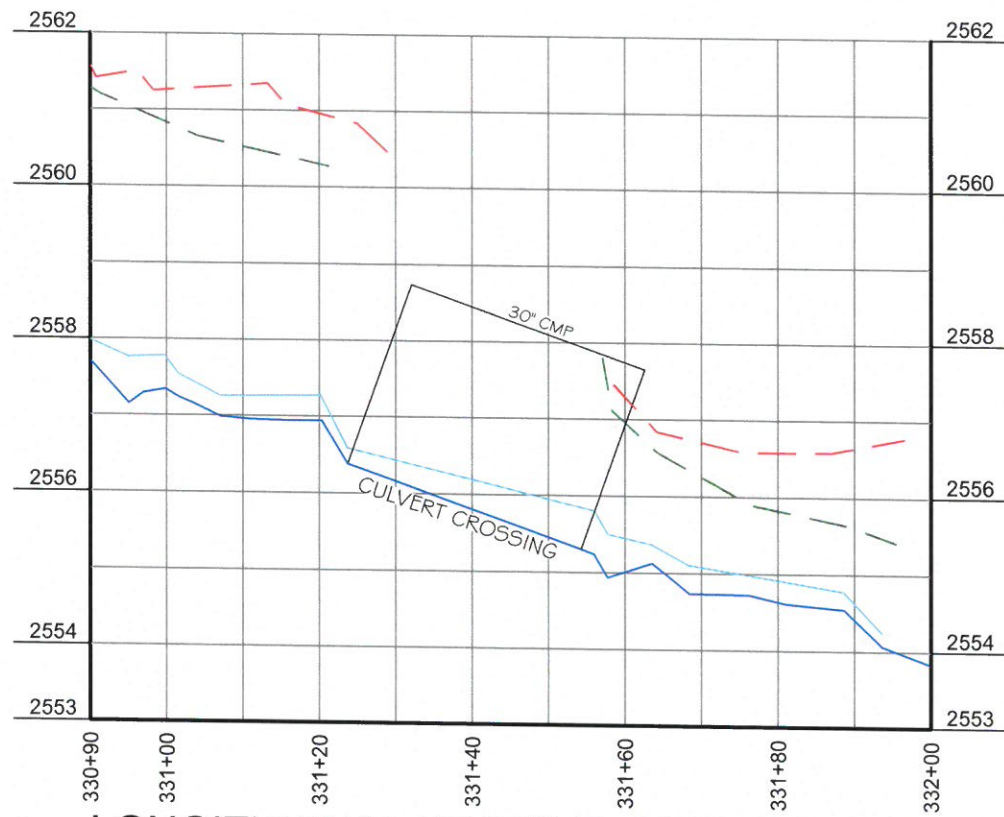
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LONGITUDINAL PROFILE - UT2-REACH 1, REACH 2

HORIZONTAL SCALE: 1" = 20'
 VERTICAL SCALE: 1" = 2'



LONGITUDINAL PROFILE - UT2-REACH 2

HORIZONTAL SCALE: 1" = 20'
 VERTICAL SCALE: 1" = 2'

LEGEND

- THALWEG
- WATER SURFACE
- - - RIGHT TOP OF BANK
- - - LEFT TOP OF BANK

NOTE: SEE SHEET #1 FOR SURVEYOR'S NOTES



AN AS-BUILT SURVEY FOR:
THE STATE OF NORTH CAROLINA
DIVISION OF MITIGATION SERVICES

SCO PROJECT NUMBER: 07-07088-03 DMS PROJECT ID: 94903

PROJECT:
LITTLE PINE CREEK III STREAM & WETLAND RESTORATION PROJECT

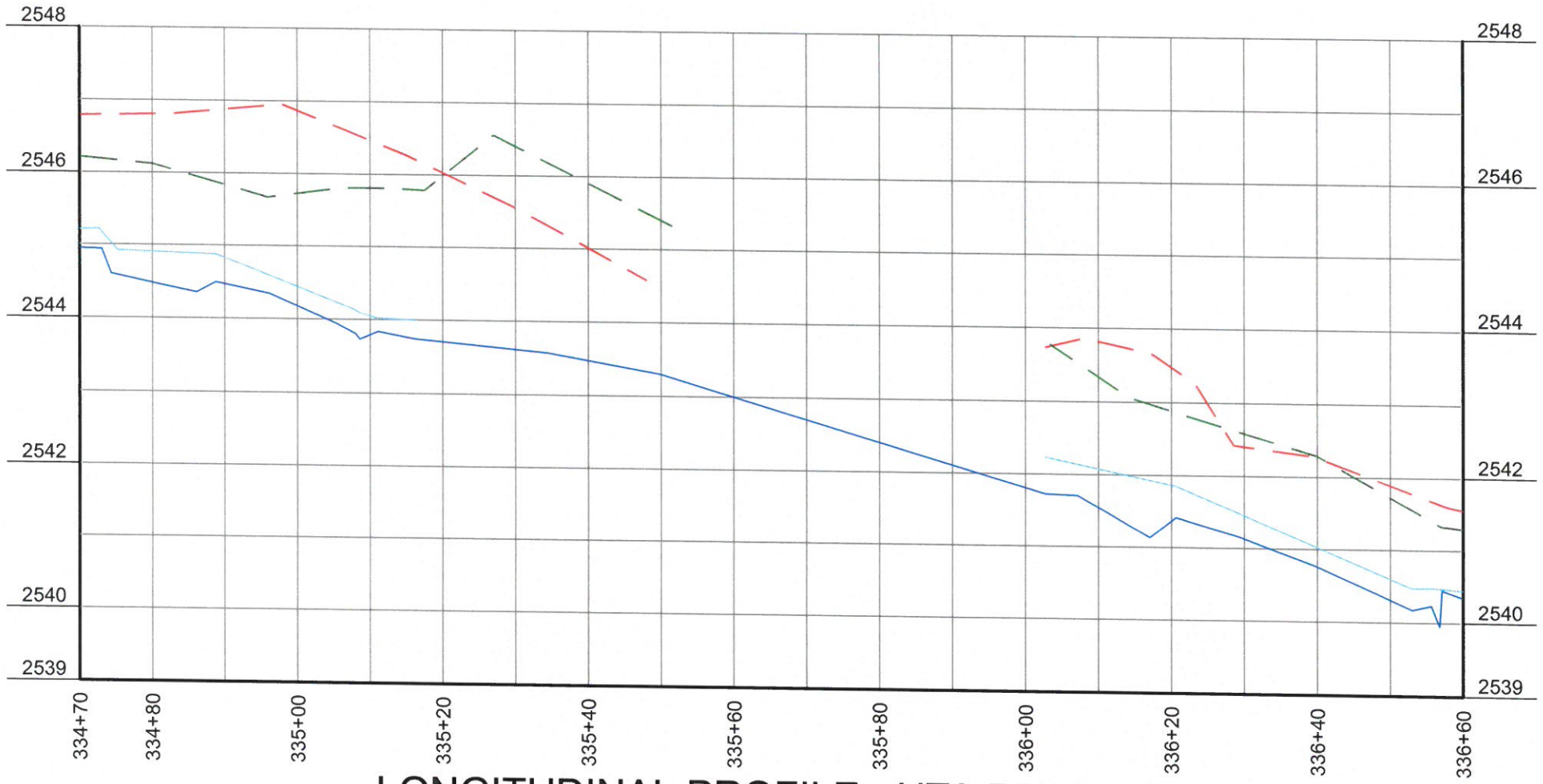
SHEET TITLE:
STREAM DATA: LONGITUDINAL PROFILE-UT2-REACH 1, REACH 2

TOWNSHIP: GLADE CREEK	COUNTY: ALLEGHANY	STATE: NORTH CAROLINA
DRAWN BY: NH	CHECKED BY: PBK	SURVEY BY: DD, KP, CB, SH
SCALE: AS SHOWN	SHEET SIZE: 11" X 17"	JOB: 1509144-AB
SHEET: 49 OF 56		
#	DATE	REVISIONS



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LONGITUDINAL PROFILE - UT2-REACH 2

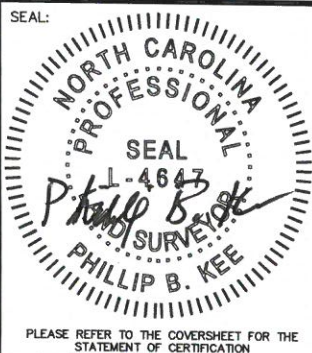
HORIZONTAL SCALE: 1" = 20'

VERTICAL SCALE: 1" = 2'

LEGEND

- THALWEG
- - - WATER SURFACE
- - - RIGHT TOP OF BANK
- - - LEFT TOP OF BANK

NOTE: SEE SHEET #1 FOR SURVEYOR'S NOTES



AN AS-BUILT SURVEY FOR:
THE STATE OF NORTH CAROLINA
 DIVISION OF MITIGATION SERVICES

SCO PROJECT NUMBER: 07-07088-03

DMS PROJECT ID: 94903

PROJECT:
 LITTLE PINE CREEK III STREAM & WETLAND RESTORATION PROJECT

SHEET TITLE:
 STREAM DATA: LONGITUDINAL PROFILE-UT2-REACH 2

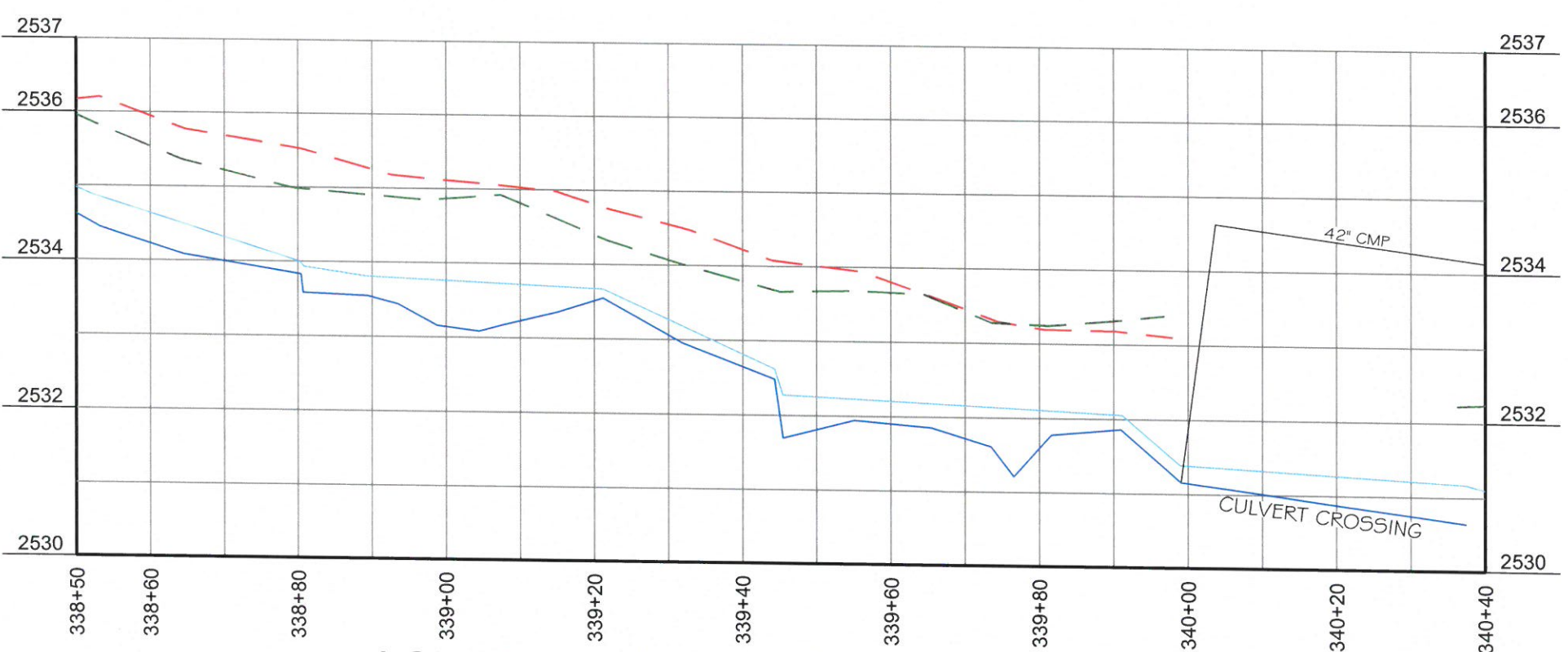
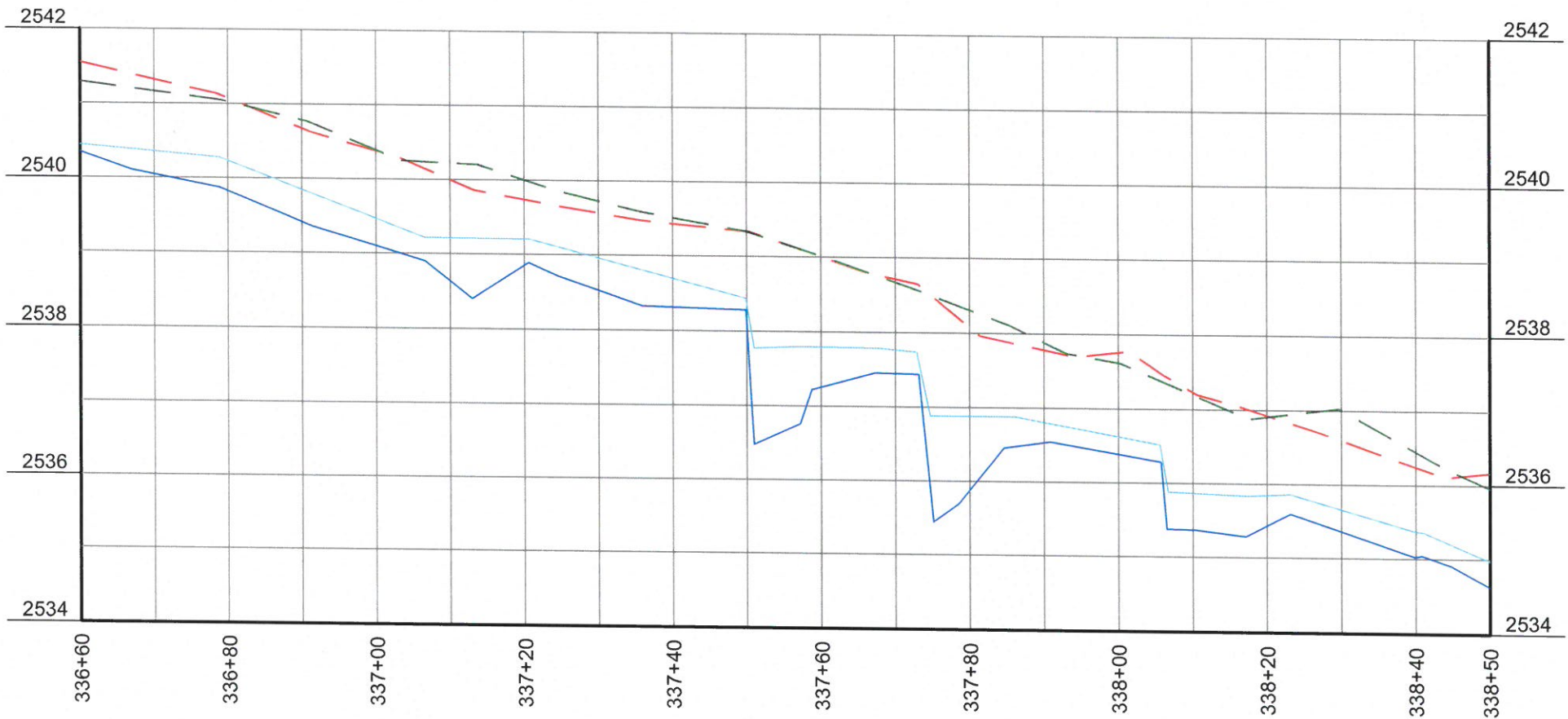
TOWNSHIP: GLADE CREEK	COUNTY: ALLEGHANY	STATE: NORTH CAROLINA
DRAWN BY: NH	CHECKED BY: PBK	SURVEY BY: DD, KP, CB, SH
SCALE: AS SHOWN	SHEET SIZE: 11" X 17"	JOB: 1509144-AB
		SHEET: 50 OF 56

#	DATE	REVISIONS	#	DATE	REVISIONS



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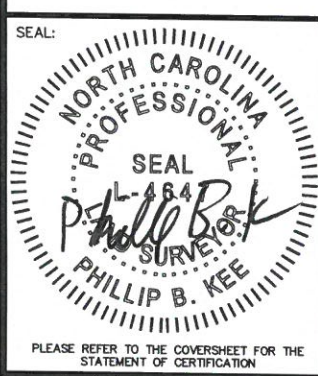


LONGITUDINAL PROFILE - UT2-REACH 2
 HORIZONTAL SCALE: 1" = 20'
 VERTICAL SCALE: 1" = 2'

LEGEND

- THALWEG
- - - WATER SURFACE
- - - RIGHT TOP OF BANK
- - - LEFT TOP OF BANK

NOTE: SEE SHEET #1 FOR SURVEYOR'S NOTES



AN AS-BUILT SURVEY FOR:
THE STATE OF NORTH CAROLINA
DIVISION OF MITIGATION SERVICES

SCO PROJECT NUMBER: 07-07088-03 DMS PROJECT ID: 94903

PROJECT:
LITTLE PINE CREEK III STREAM & WETLAND RESTORATION PROJECT

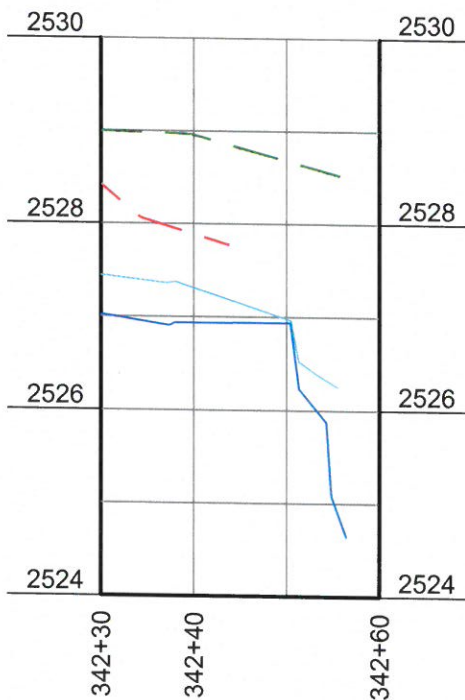
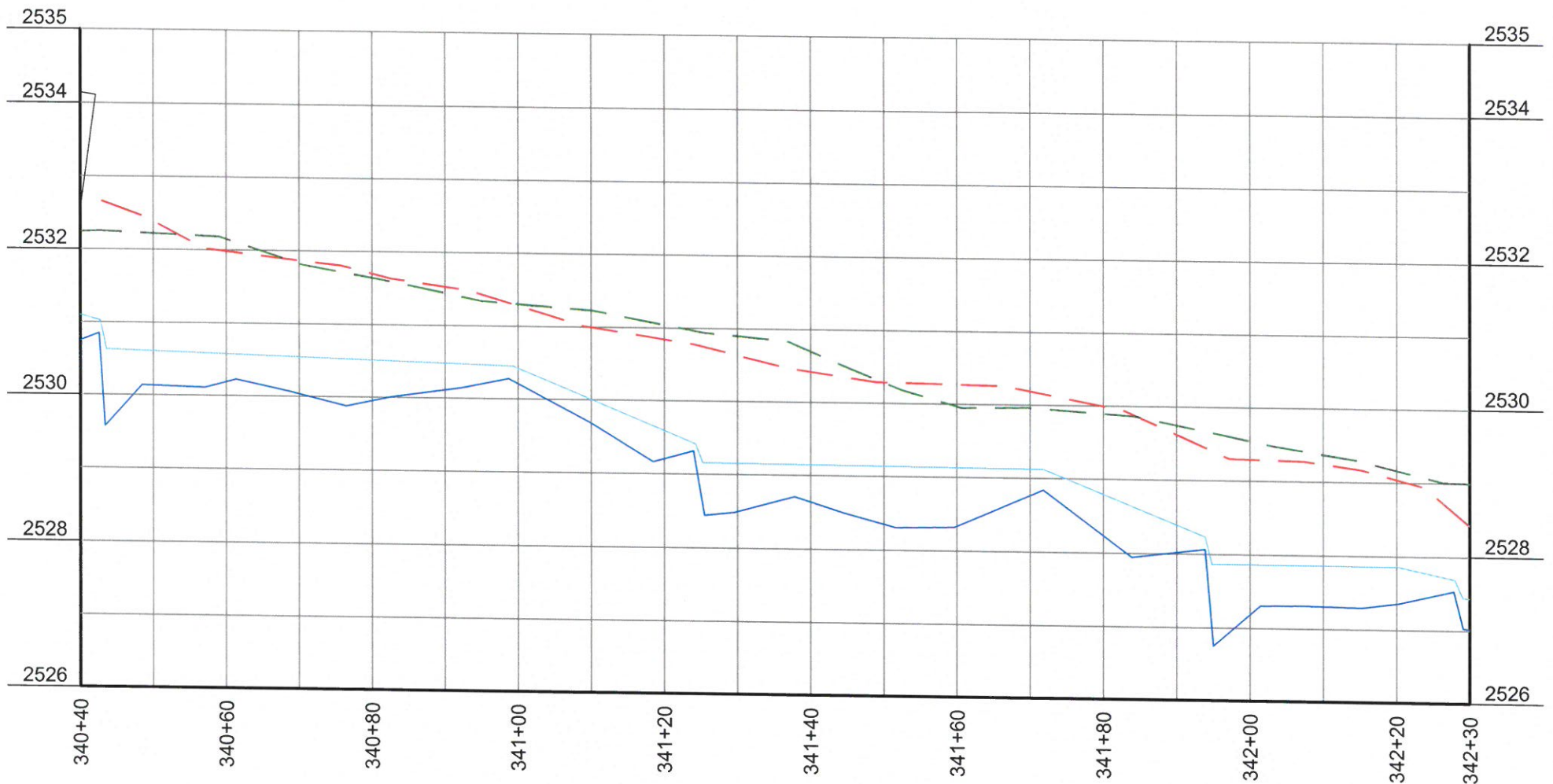
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STREAM DATA: LONGITUDINAL PROFILE-UT2-REACH 2

TOWNSHIP: GLADE CREEK	COUNTY: ALLEGHANY	STATE: NORTH CAROLINA
DRAWN BY: NH	CHECKED BY: PBK	SURVEY BY: DD, KP, CB, SH
SCALE: AS SHOWN	SHEET SIZE: 11" X 17"	JOB: 1509144-AB
		SURVEY DATES: 10/28/15-11/06/15, 3-29-16
		SHEET: 51 OF 56

#	DATE	REVISIONS	#	DATE	REVISIONS

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LONGITUDINAL PROFILE - UT2-REACH 2

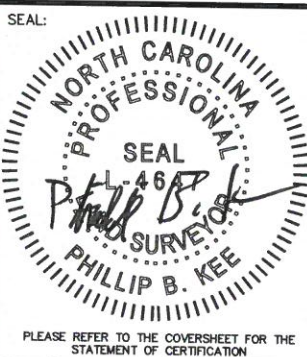
HORIZONTAL SCALE: 1" = 20'

VERTICAL SCALE: 1" = 2'

LEGEND

- THALWEG
- WATER SURFACE
- - - RIGHT TOP OF BANK
- - - LEFT TOP OF BANK

NOTE: SEE SHEET #1 FOR SURVEYOR'S NOTES



AN AS-BUILT SURVEY FOR:
THE STATE OF NORTH CAROLINA
 DIVISION OF MITIGATION SERVICES

SCO PROJECT NUMBER: 07-07088-03 DMS PROJECT ID: 94903

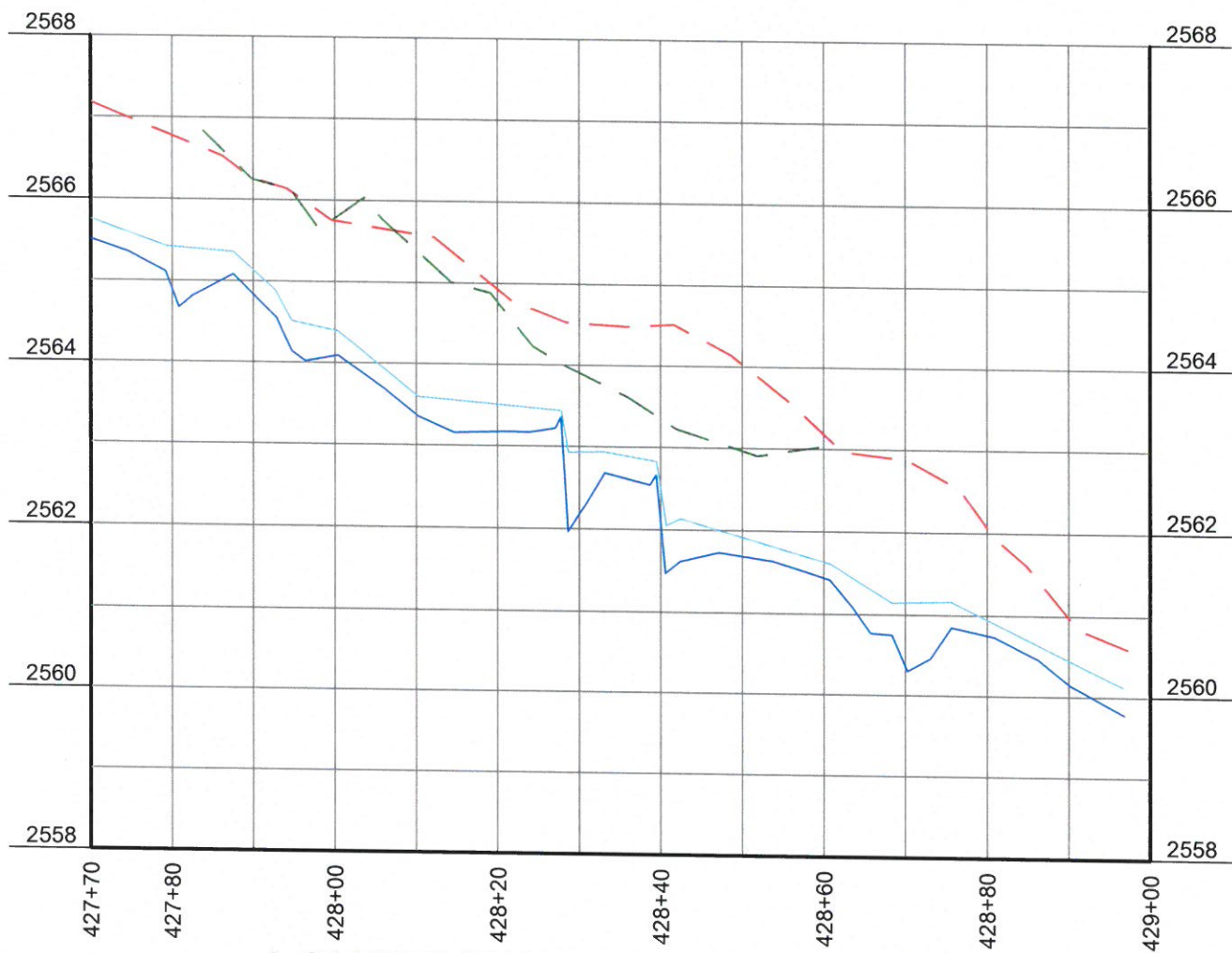
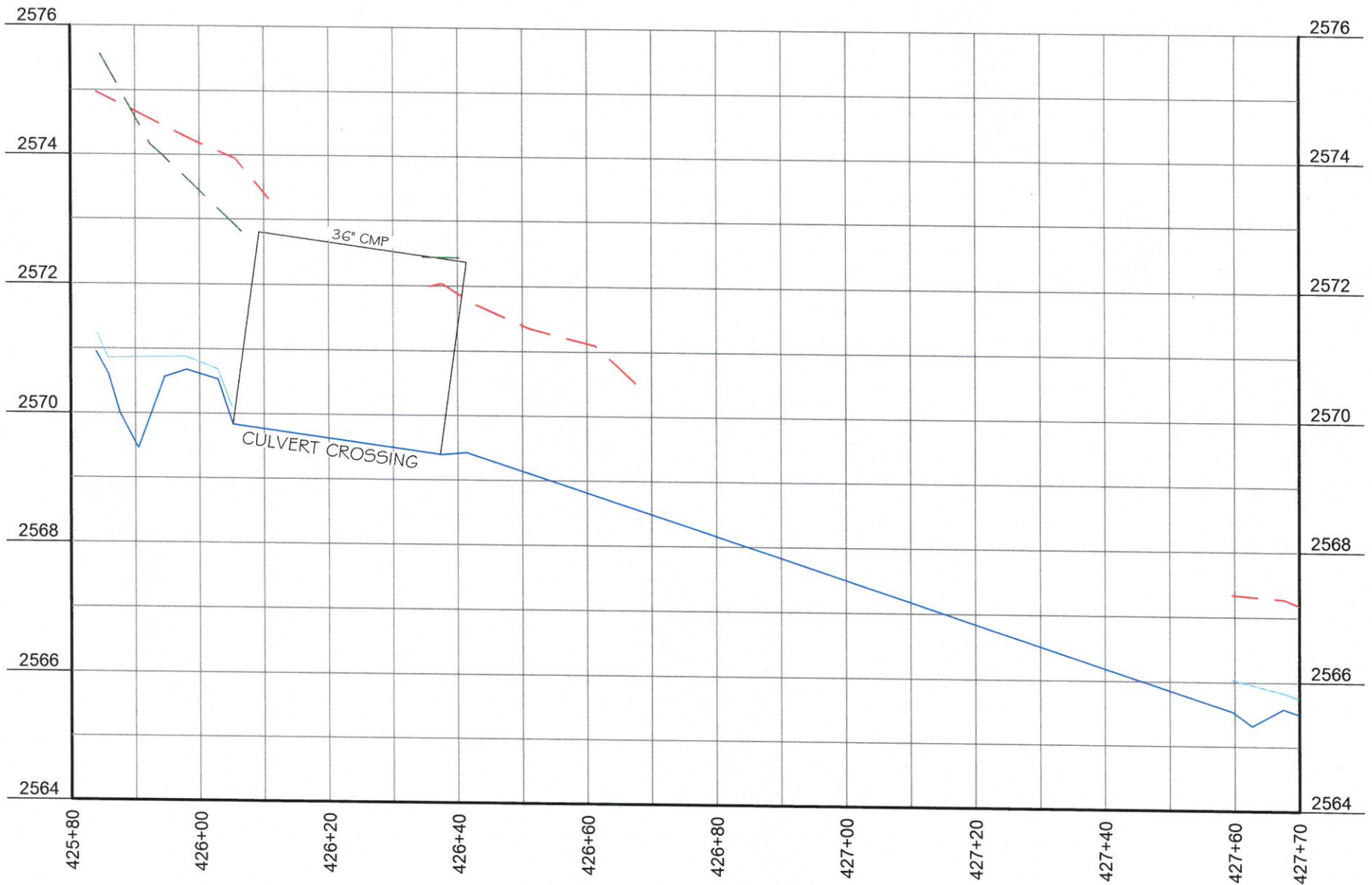
PROJECT:
LITTLE PINE CREEK III STREAM & WETLAND RESTORATION PROJECT

SHEET TITLE:
STREAM DATA: LONGITUDINAL PROFILE-UT2-REACH 2

TOWNSHIP: GLADE CREEK		COUNTY: ALLEGHANY		STATE: NORTH CAROLINA	
DRAWN BY: NH	CHECKED BY: PBK	SURVEY BY: DD, KP, CB, SH		SURVEY DATES: 10/28/15-11/06/15, 3-29-16	
SCALE: AS SHOWN	SHEET SIZE: 11" X 17"	JOB: 1509144-AB	SHEET: 52 OF 56		
#	DATE	REVISIONS	#	DATE	REVISIONS



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LONGITUDINAL PROFILE - UT2A

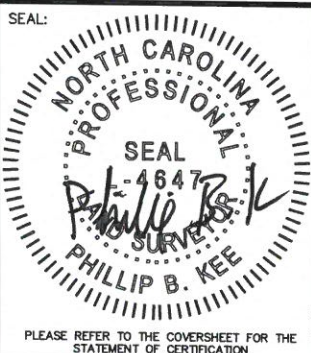
HORIZONTAL SCALE: 1" = 20'

VERTICAL SCALE: 1" = 2'

LEGEND

- THALWEG
- WATER SURFACE
- - - RIGHT TOP OF BANK
- - - LEFT TOP OF BANK

NOTE: SEE SHEET #1 FOR SURVEYOR'S NOTES



AN AS-BUILT SURVEY FOR:
THE STATE OF NORTH CAROLINA
DIVISION OF MITIGATION SERVICES

SCO PROJECT NUMBER: 07-07088-03 DMS PROJECT ID: 94903

PROJECT:
LITTLE PINE CREEK III STREAM & WETLAND RESTORATION PROJECT

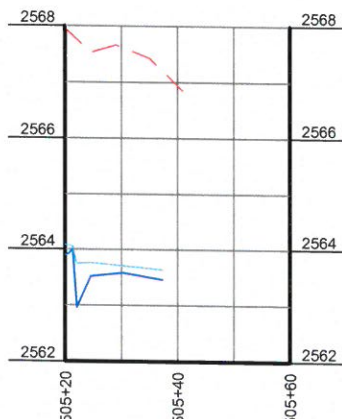
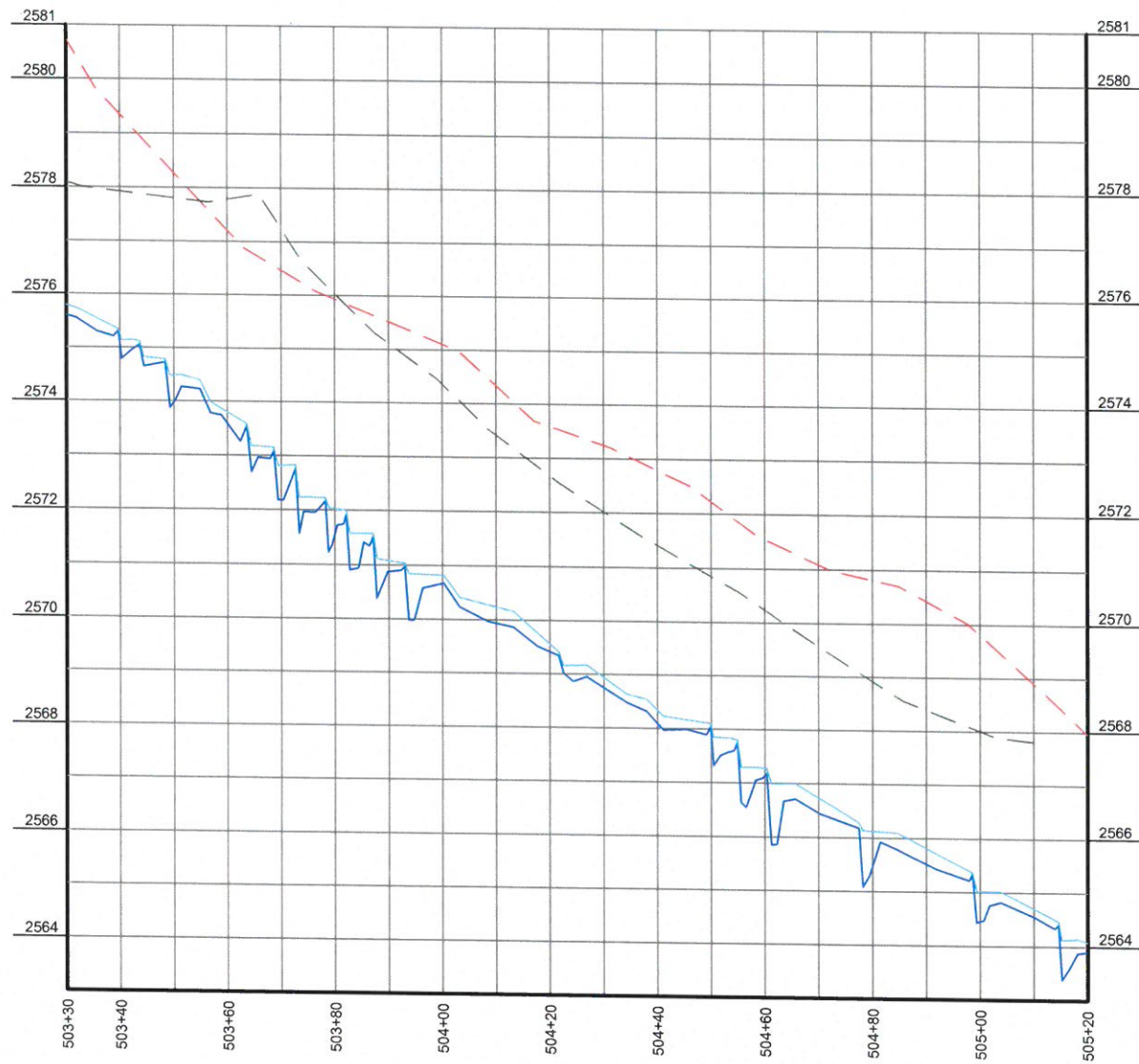
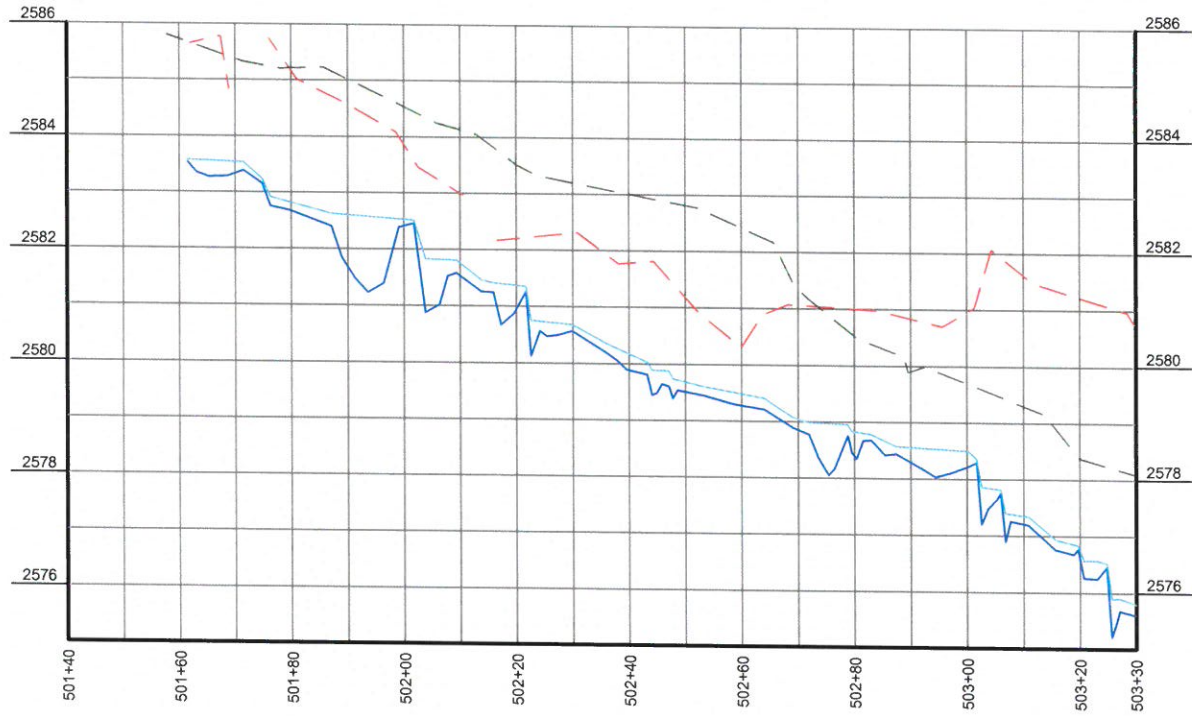
SHEET TITLE:
STREAM DATA: LONGITUDINAL PROFILE-UT2A

TOWNSHIP: GLADE CREEK	COUNTY: ALLEGHANY	STATE: NORTH CAROLINA			
DRAWN BY: NH	CHECKED BY: PBK	SURVEY BY: DD, KP, CB, SH			
SCALE: AS SHOWN	SHEET SIZE: 11" X 17"	JOB: 1509144-AB			
		SHEET: 53 OF 56			
#	DATE	REVISIONS	#	DATE	REVISIONS



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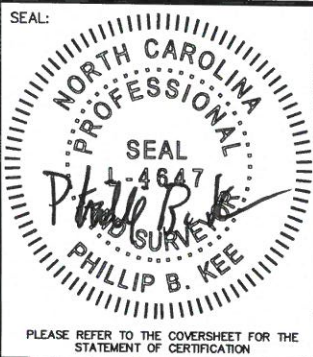
LONGITUDINAL PROFILE - UT2B

HORIZONTAL SCALE: 1" = 20'
 VERTICAL SCALE: 1" = 2'

LEGEND

- THALWEG
- WATER SURFACE
- RIGHT TOP OF BANK
- LEFT TOP OF BANK

NOTE: SEE SHEET #1 FOR SURVEYOR'S NOTES



AN AS-BUILT SURVEY FOR:
THE STATE OF NORTH CAROLINA
 DIVISION OF MITIGATION SERVICES

SCO PROJECT NUMBER: 07-07088-03 DMS PROJECT ID: 94903

PROJECT:
LITTLE PINE CREEK III STREAM & WETLAND RESTORATION PROJECT

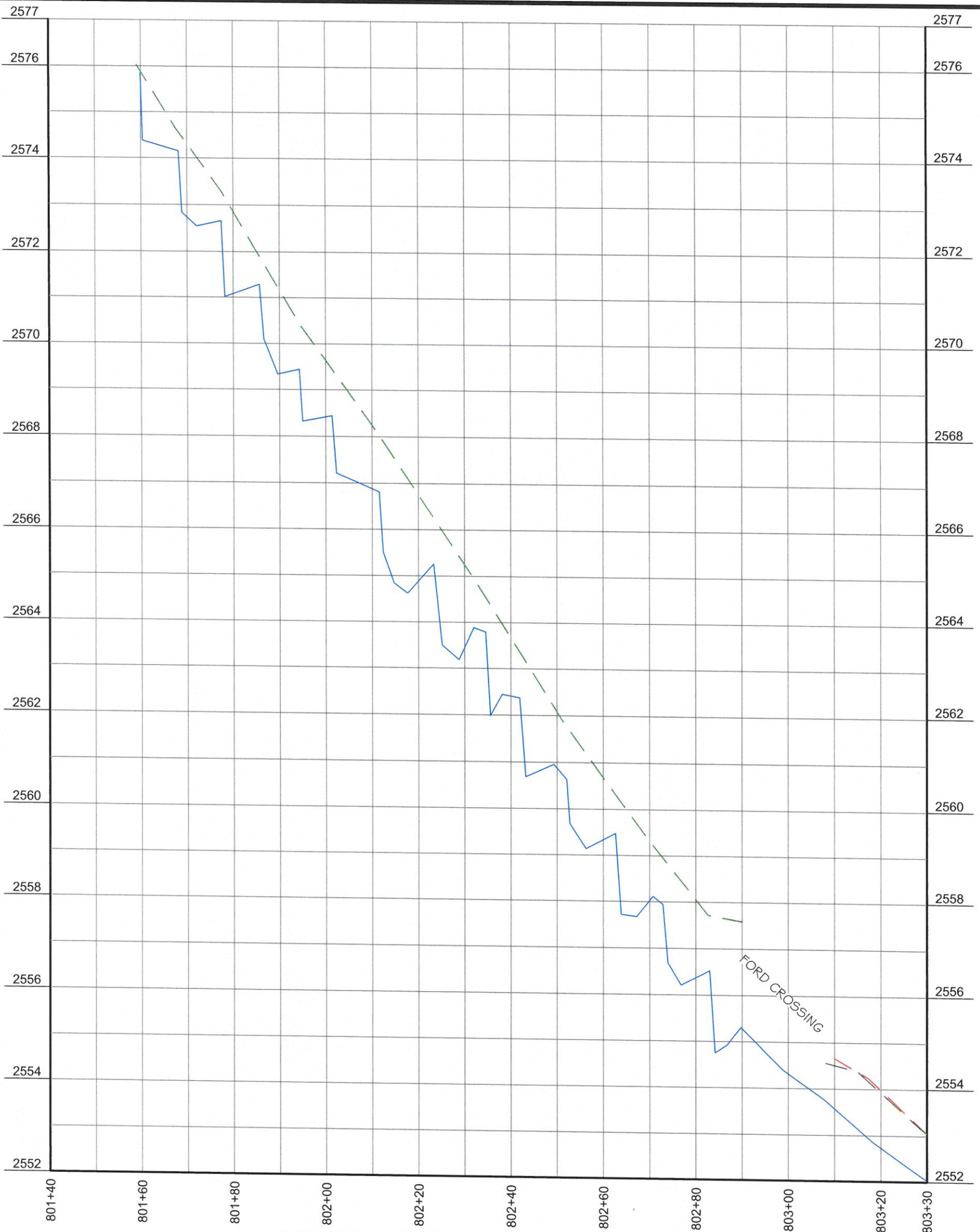
SHEET TITLE:
STREAM DATA: LONGITUDINAL PROFILE-UT2B

TOWNSHIP: GLADE CREEK	COUNTY: ALLEGHANY	STATE: NORTH CAROLINA
DRAWN BY: NH	CHECKED BY: PBK	SURVEY BY: DD,KP,CB,SH
SCALE: AS SHOWN	SHEET SIZE: 11" X 17"	JOB: 1509144-AB
		SHEET: 54 OF 56

#	DATE	REVISIONS	#	DATE	REVISIONS

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LONGITUDINAL PROFILE - GULLY

HORIZONTAL SCALE: 1" = 20'

VERTICAL SCALE: 1" = 2'

LEGEND

- THALWEG
- WATER SURFACE
- - - RIGHT TOP OF BANK
- - - LEFT TOP OF BANK

NOTE: SEE SHEET #1 FOR SURVEYOR'S NOTES



AN AS-BUILT SURVEY FOR:
THE STATE OF NORTH CAROLINA
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SCO PROJECT NUMBER: 07-07088-03 DMS PROJECT ID: 94903

PROJECT:
LITTLE PINE CREEK III STREAM & WETLAND RESTORATION PROJECT

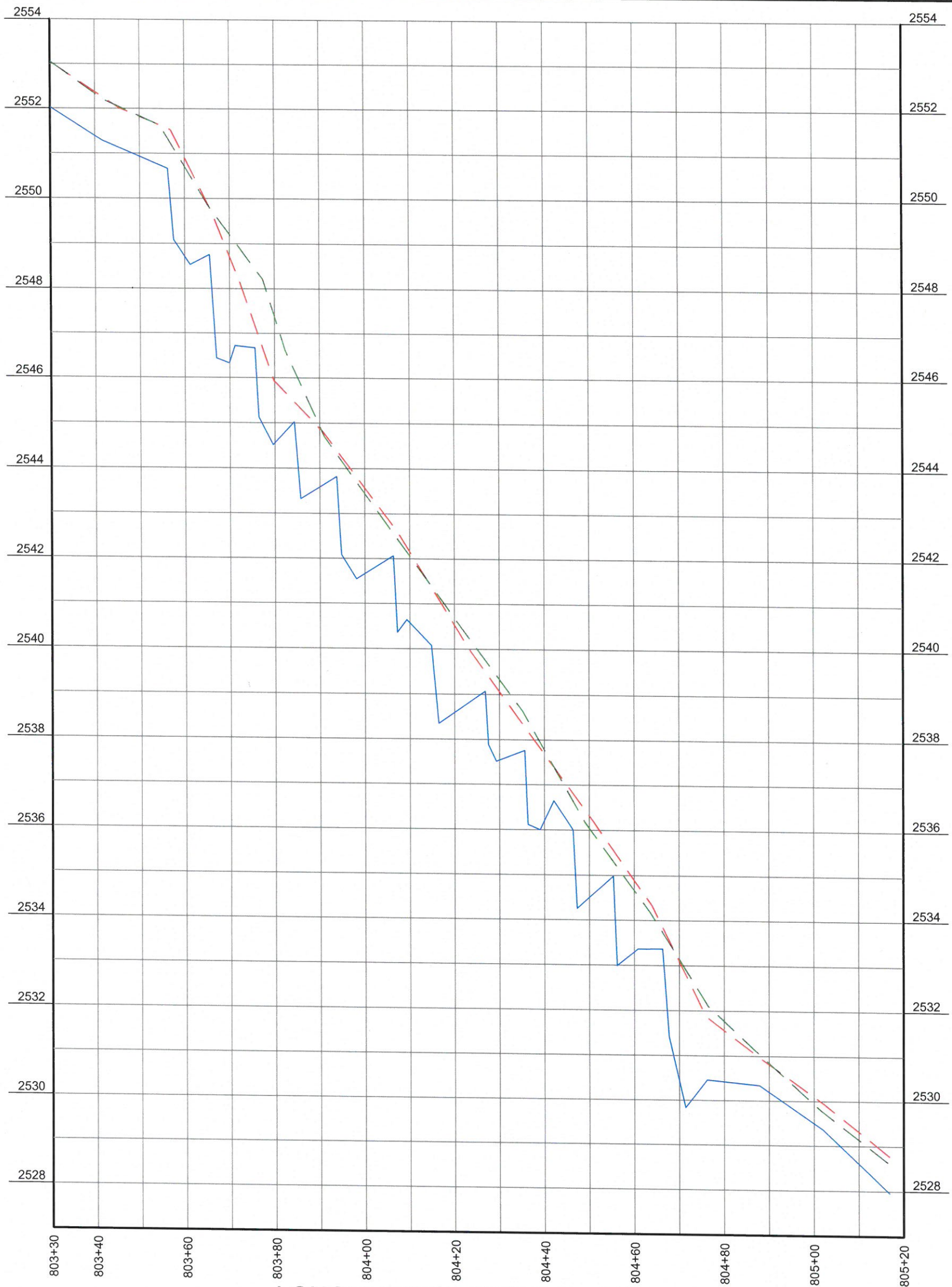
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STREAM DATA: LONGITUDINAL PROFILE-GULLY

TOWNSHIP: GLADE CREEK	COUNTY: ALLEGHANY	STATE: NORTH CAROLINA
DRAWN BY: NH	CHECKED BY: PBK	SURVEY BY: DD, KP, CB, SH
SCALE: AS SHOWN	SHEET SIZE: 11" X 17"	JOB: 1509144-AB
		SHEET: 55 OF 56

#	DATE	REVISIONS	#	DATE	REVISIONS

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LONGITUDINAL PROFILE - GULLY

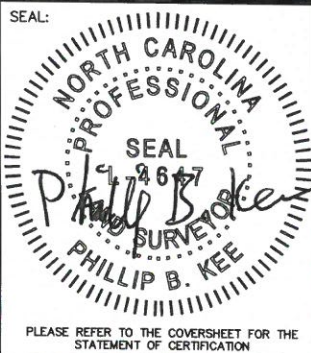
HORIZONTAL SCALE: 1" = 20'

VERTICAL SCALE: 1" = 2'

LEGEND

- THALWEG
- WATER SURFACE
- - - RIGHT TOP OF BANK
- - - LEFT TOP OF BANK

NOTE: SEE SHEET #1 FOR SURVEYOR'S NOTES



AN AS-BUILT SURVEY FOR:
THE STATE OF NORTH CAROLINA
 DIVISION OF MITIGATION SERVICES

SCO PROJECT NUMBER: 07-07088-03

DMS PROJECT ID: 94903

PROJECT:
LITTLE PINE CREEK III STREAM & WETLAND RESTORATION PROJECT

SHEET TITLE:
STREAM DATA: LONGITUDINAL PROFILE-GULLY

TOWNSHIP: GLADE CREEK		COUNTY: ALLEGHANY		STATE: NORTH CAROLINA	
DRAWN BY: NH	CHECKED BY: PBK	SURVEY BY: DD, KP, CB, SH		SURVEY DATES: 10/28/15-11/06/15, 3-29-16	
SCALE: AS SHOWN	SHEET SIZE: 11" X 17"	JOB: 1509144-AB		SHEET: 56 OF 56	
#	DATE	REVISIONS	#	DATE	REVISIONS



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