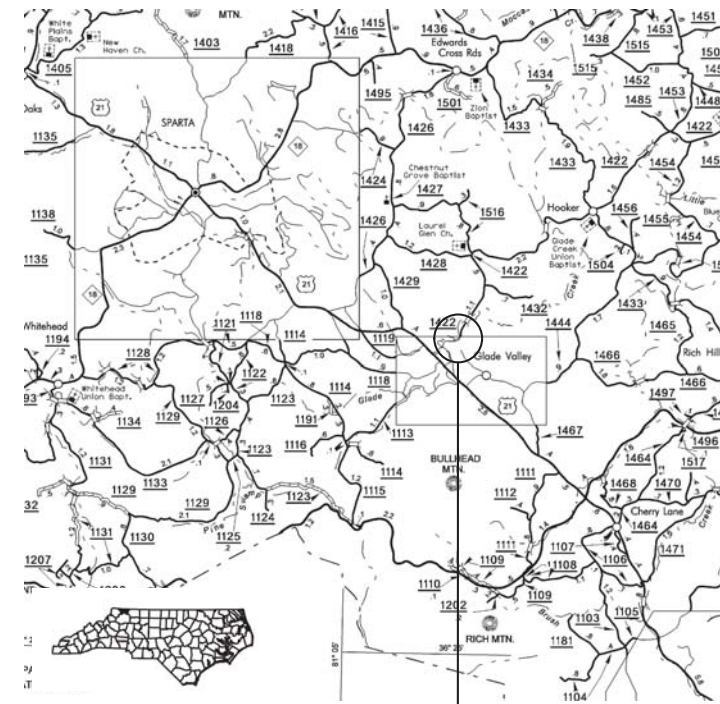


SCO PROJECT ID 07-07088-04A



VICINITY MAP  
NOT TO SCALE

INDEX OF SHEETS

- 1: TITLE
- 2: NOTES, SYMBOLS AND TABLES
- 3-7: STREAM PLAN AND PROFILE
- 8: WETLAND GRADING PLAN
- 9: PLANTING PLAN
- 10: CROSS SECTIONS

GRAPHIC SCALES



PLAN (EXCEPT AS NOTED)



PROFILE (HORZ.)



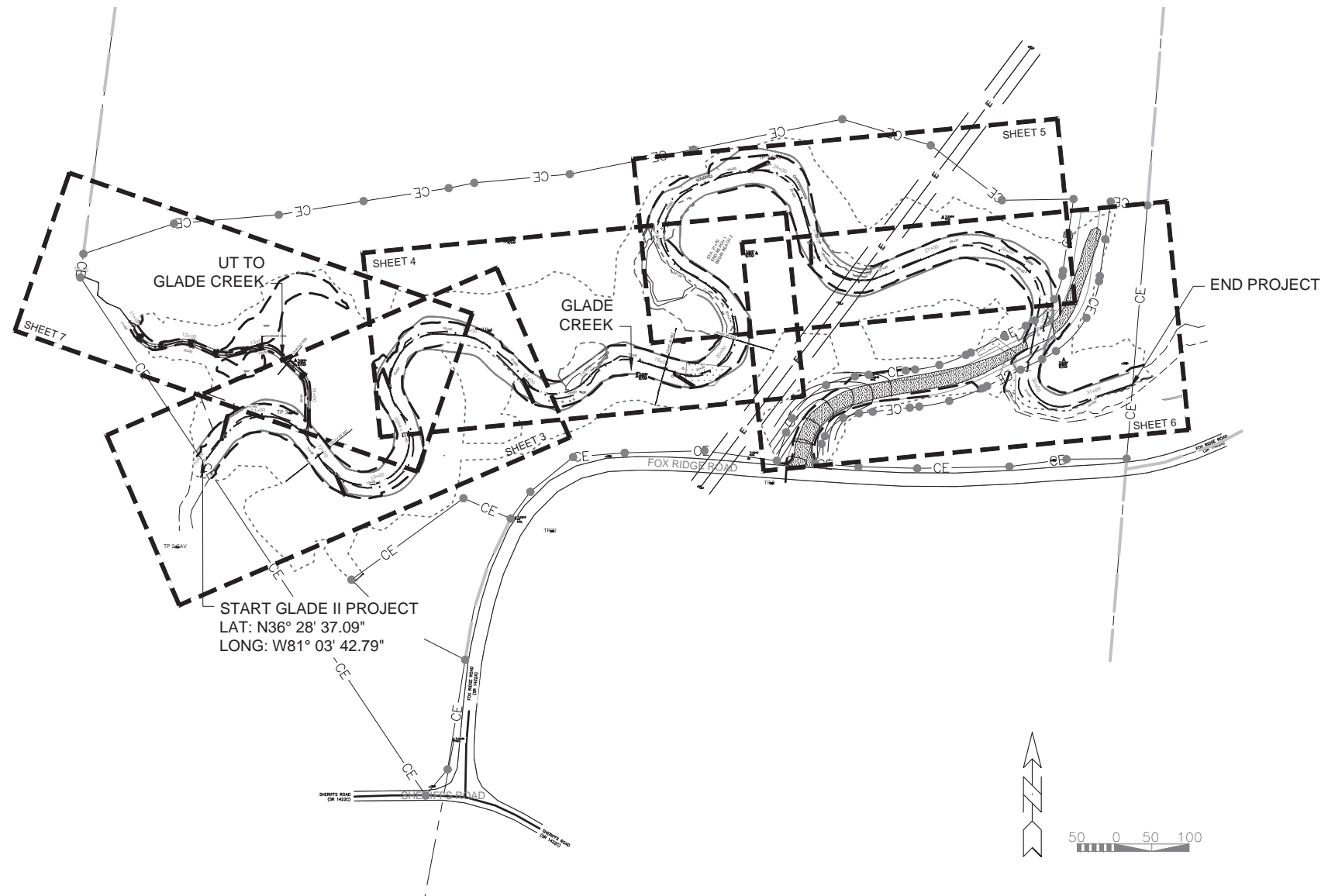
PROFILE (VERT.)

SITE

# RECORD DRAWINGS

## GLADE CREEK II RESTORATION PROJECT

STREAM NAMES: GLADE CREEK AND ONE UNNAMED TRIBUTARY  
LOCATION: ALLEGHANY COUNTY, NORTH CAROLINA



NCDMS PROJECT NO. 92343

Prepared By:  
**WILDLANDS**  
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Prepared for:  
NCDEQ - Division of  
Mitigation Services

DMS PROJECT MANAGER

REVIEW COORDINATOR

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Glade Creek II Restoration Project Record Drawings  
Alleghany County, North Carolina

Title Sheet

Revisions:

Date:	May 3, 2016
Job Number:	005-02151
Project Engineer:	ADB
Drawn By:	RCP
Checked By:	ADB

1

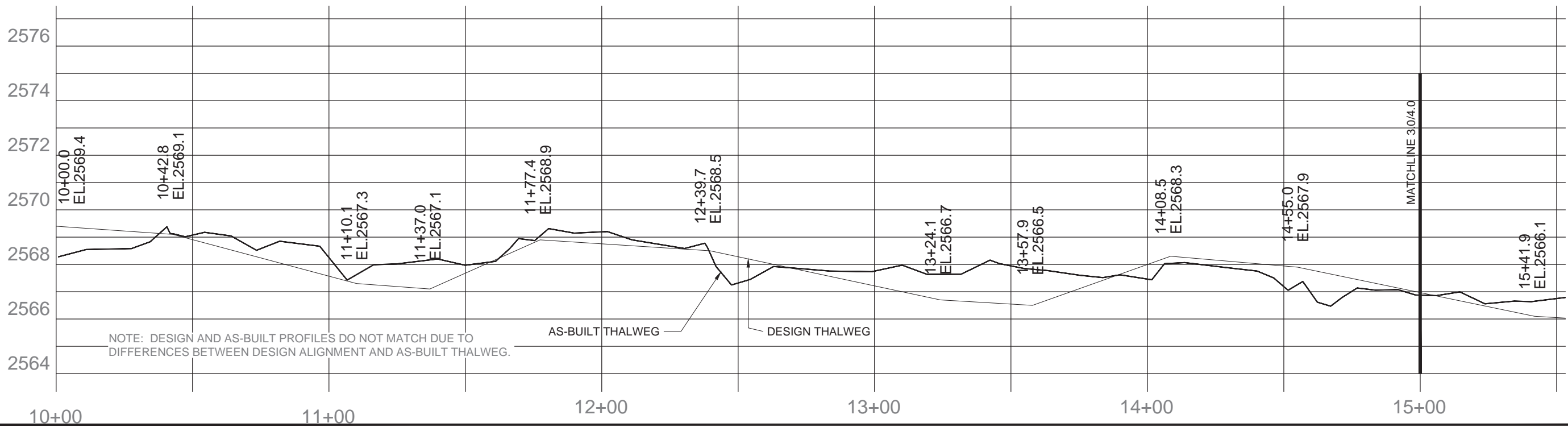
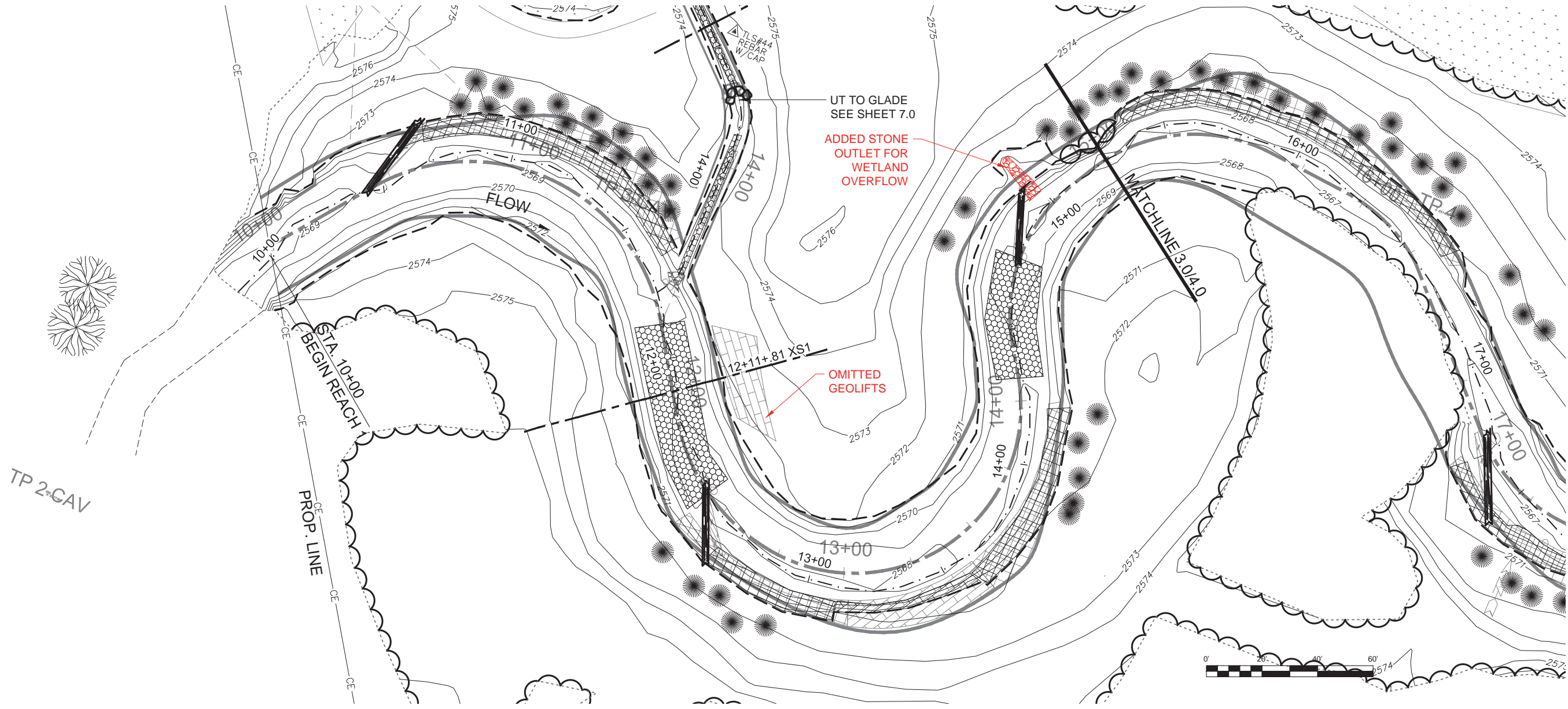
Sheet

# LEGEND

	AS-BUILT		DESIGN
MINOR CONTOUR (1')		STREAM ALIGNMENT	
TOP OF BANK		TOP OF BANK	
STREAM ALIGNMENT		WETLAND GRADING	
GEOLIFT WITH CHANNEL PLUG		GEOLIFT WITH CHANNEL PLUG	
BRUSH MATTRESS		BRUSH MATTRESS	
CONSTRUCTED RIFFLE		CONSTRUCTED RIFFLE	
LOG VANE		LOG VANE	
STEP STRUCTURE		STEP STRUCTURE	
RIPRAP SURGE PROTECTION			
PARCEL			
FENCE			
OVERHEAD POWER EASEMENT			
BEDROCK			
WETLAND			
CONSERVATION EASEMENT			
MATURE TREE			
TRANSPLANTS			
TREE LINE			

DESIGN MORPHOLOGY DATA			
Reach	Glade Creek	UT to Glade Reach 1	UT to Glade Reach 2
Riffle Max. Depth (ft)	3.0	0.4	0.5
Riffle Width (ft)	33.0	5.4	5.0
Riffle W/D Ratio	14.2	17.4	12.5
Pool Max. Depth (ft)	5.0	0.8	1.0
Pool Width (ft)	42.5	7.8	9.0
Riffle Area (ft <sup>2</sup> )	76.5	1.7	2.0
Pool Area (ft <sup>2</sup> )	131.3	4.3	6.0
Slope (ft/ft)	0.003	0.043	0.023

Revisions:

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 CONSULTANTS  
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 Asheville, NC 28806  
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Glade Creek II Restoration Project Record Drawings  
 Alleghany County, North Carolina

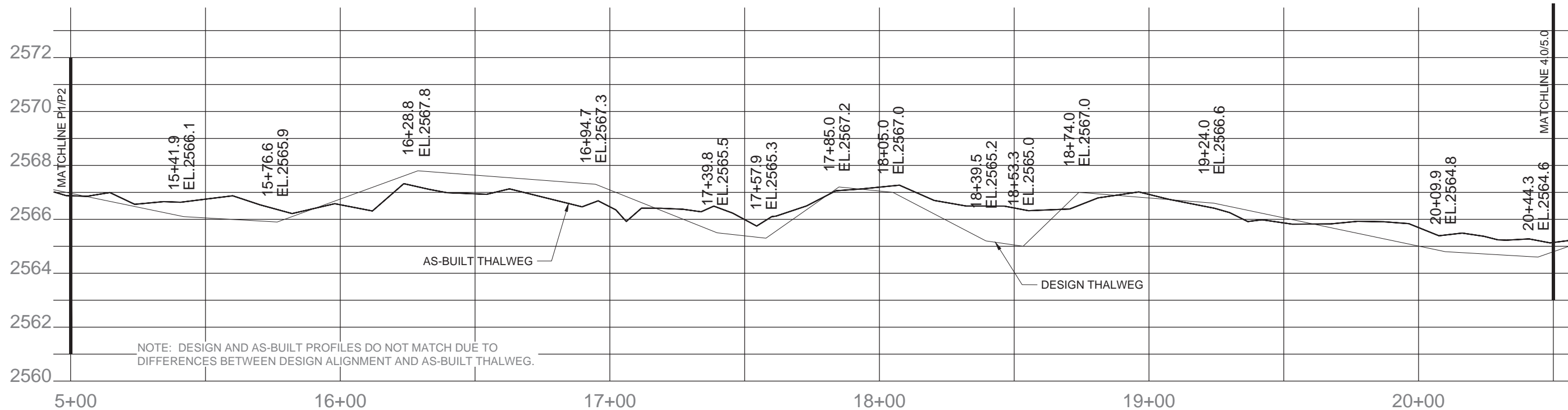
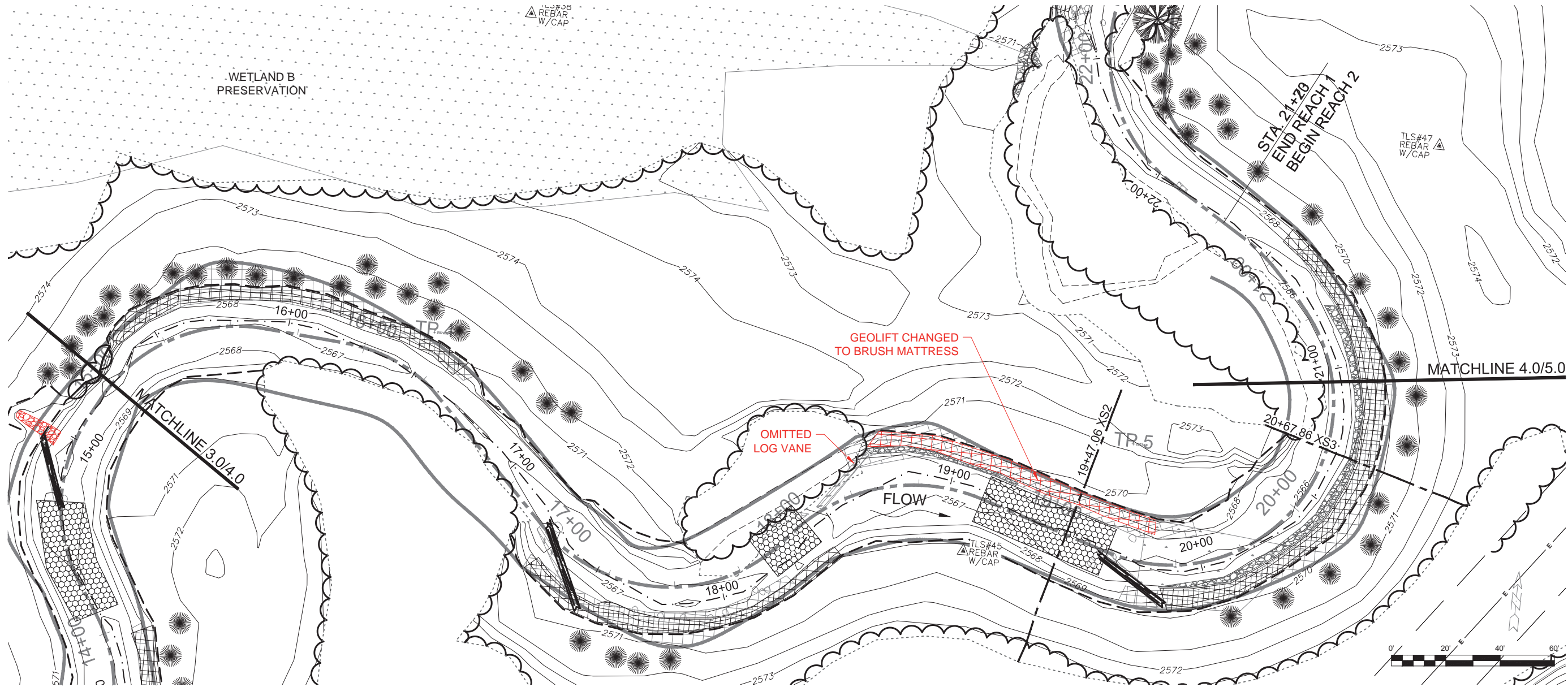
Glade Creek  
 Stream Plan and Profile

Revisions:


Date: May 3, 2016  
 Job Number: 005-02151  
 Project Engineer: ADB  
 Drawn By: RCP  
 Checked By: ADB

3

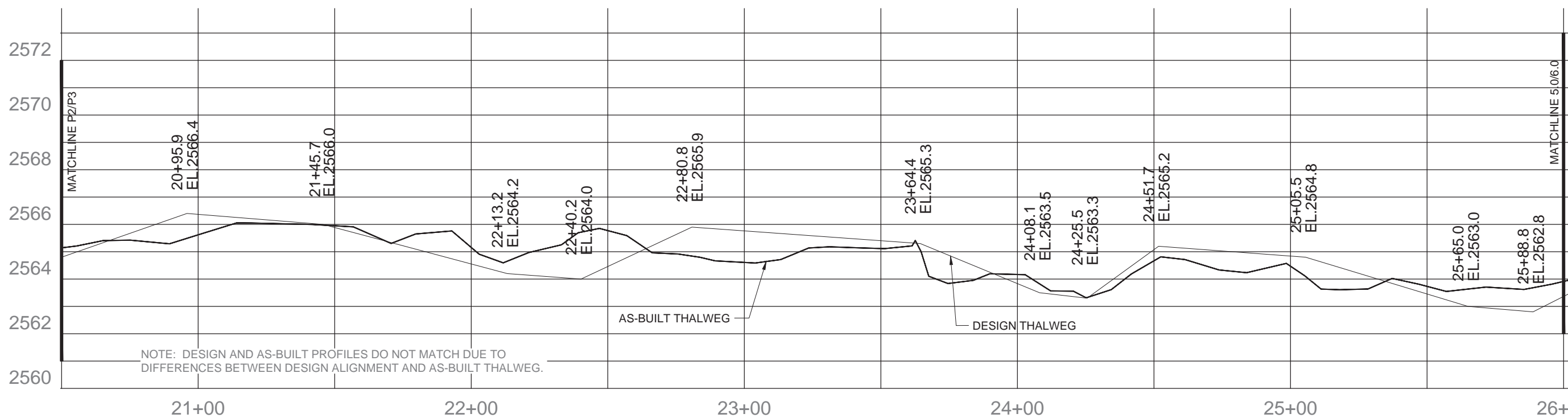
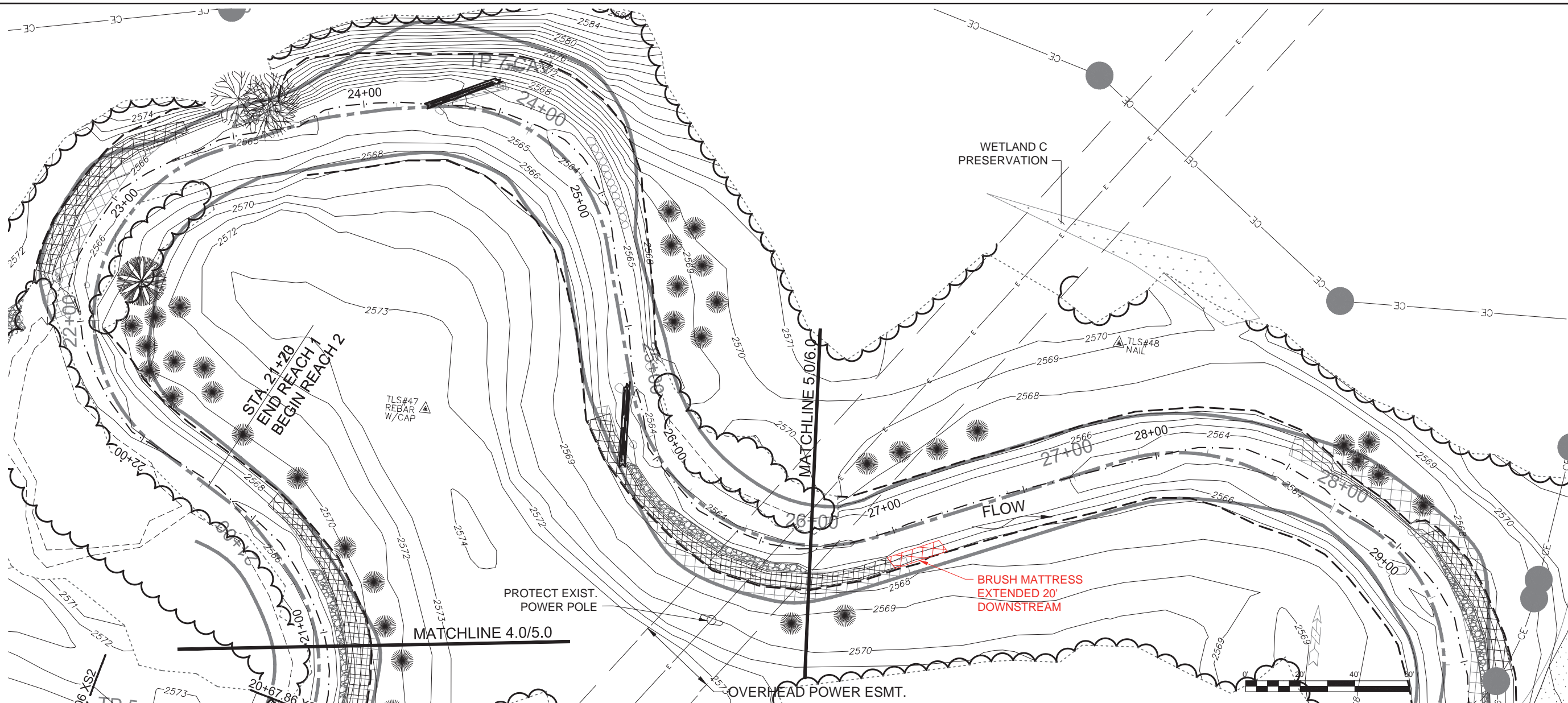
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Glade Creek II Restoration Project Record Drawings  
 Allegheny County, North Carolina

Glade Creek  
 Stream Plan and Profile

Revisions:

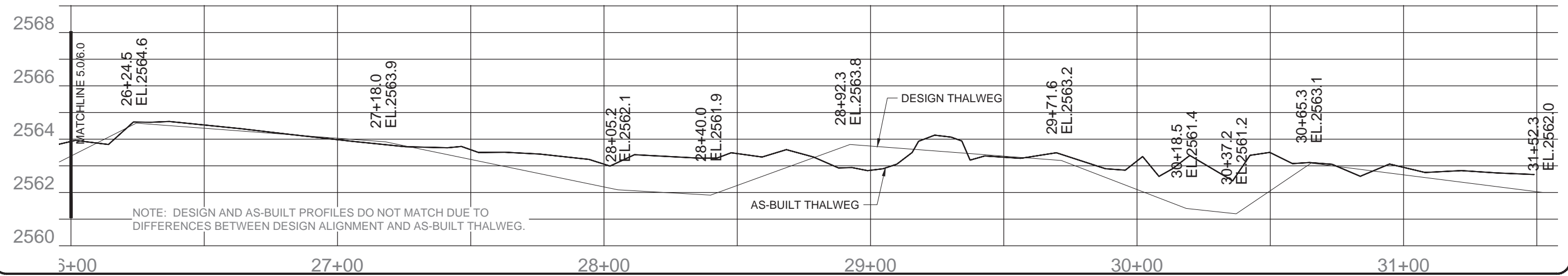
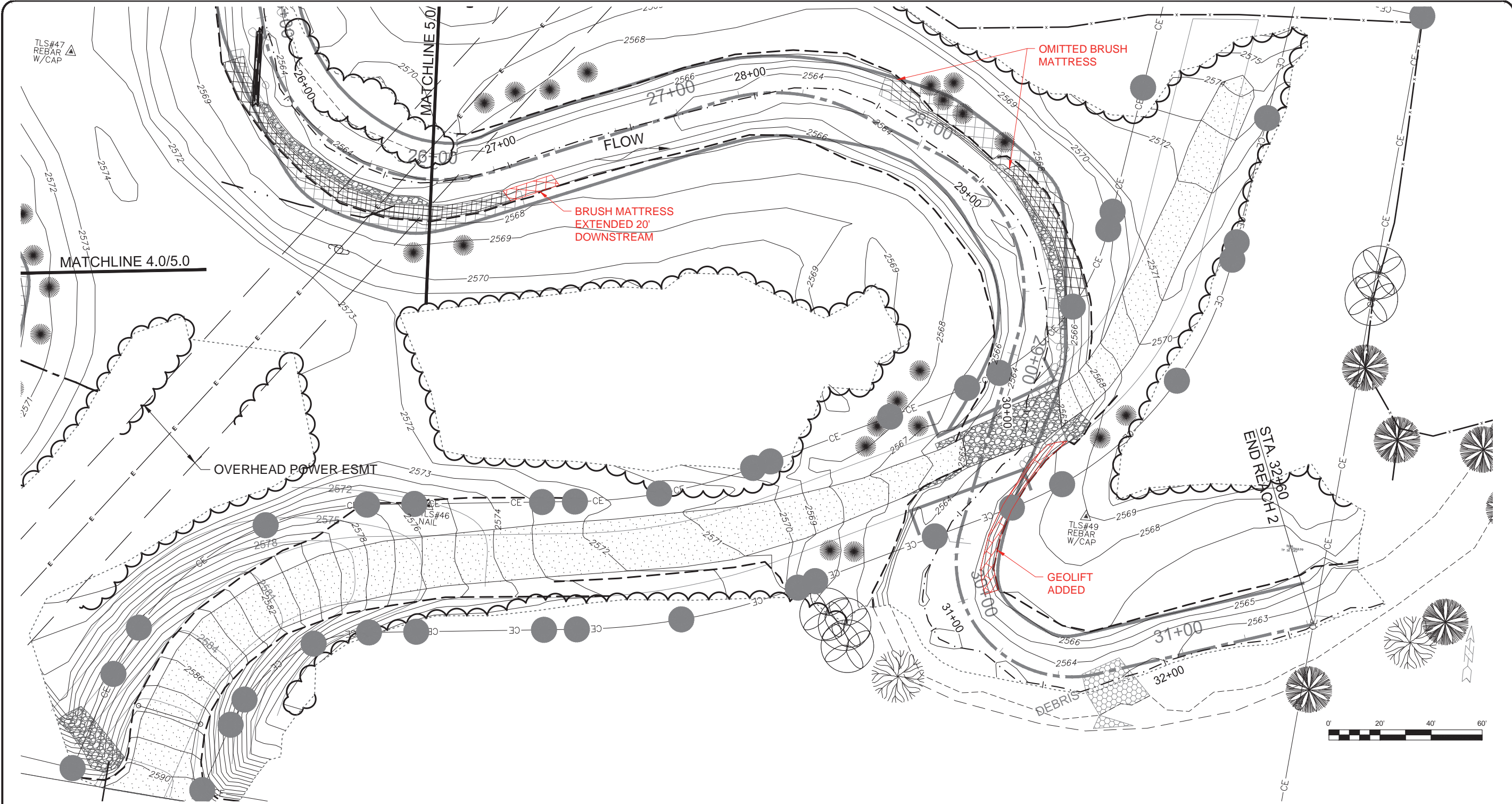
Glade Creek II Restoration Project Record Drawings  
 Allegheny County, North Carolina

Glade Creek  
 Stream Plan and Profile

Revisions	

Date:	May 3, 2016
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Project Engineer:	ADB
Drawn By:	RCP
Checked By:	ADB



NOTE: DESIGN AND AS-BUILT PROFILES DO NOT MATCH DUE TO DIFFERENCES BETWEEN DESIGN ALIGNMENT AND AS-BUILT THALWEG.



**WILDLANDS**  
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ANDREW D. WILLIAMS  
ENGINEER  
2229  
5/15/16

**Glade Creek II Restoration Project Record Drawings**  
**Allegheny County, North Carolina**

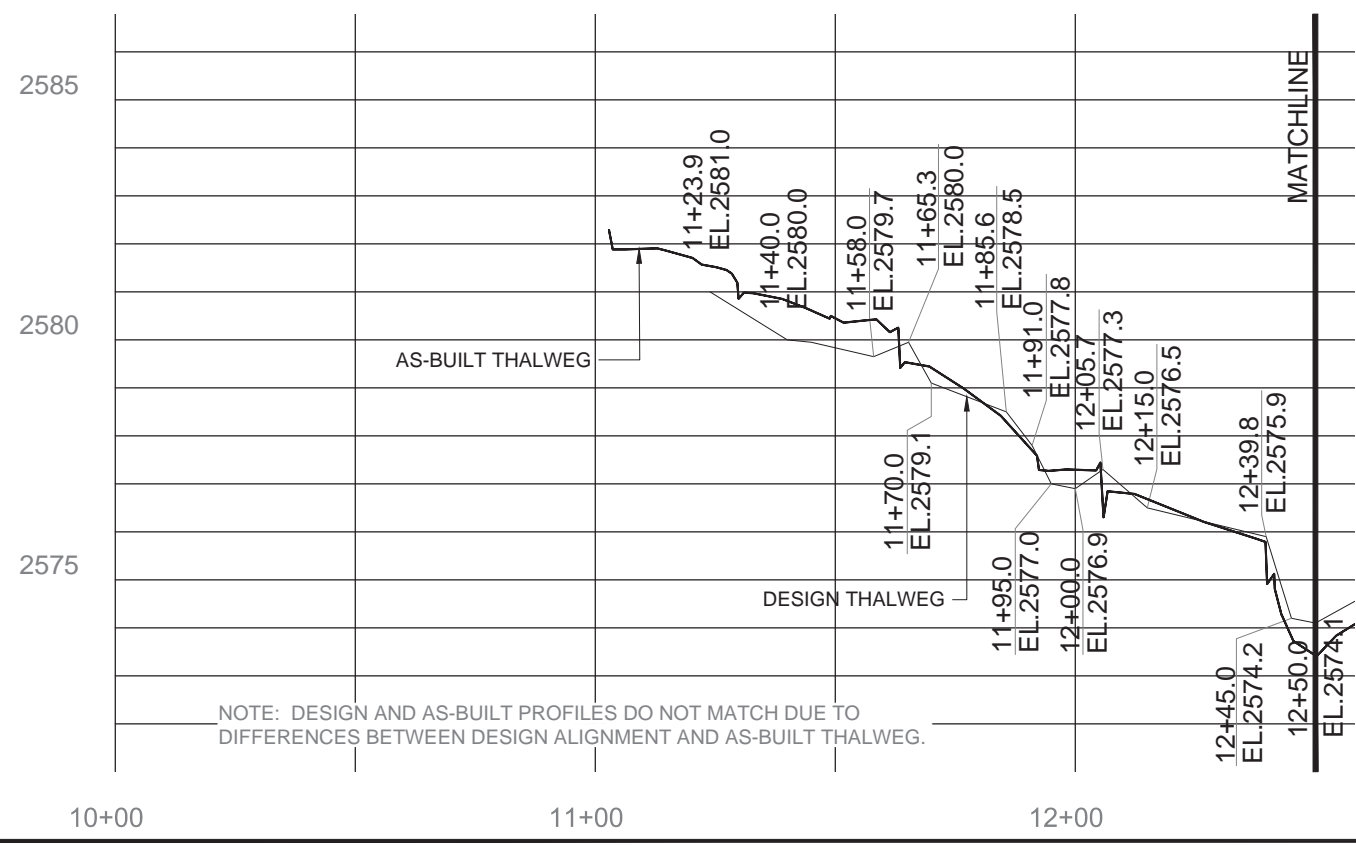
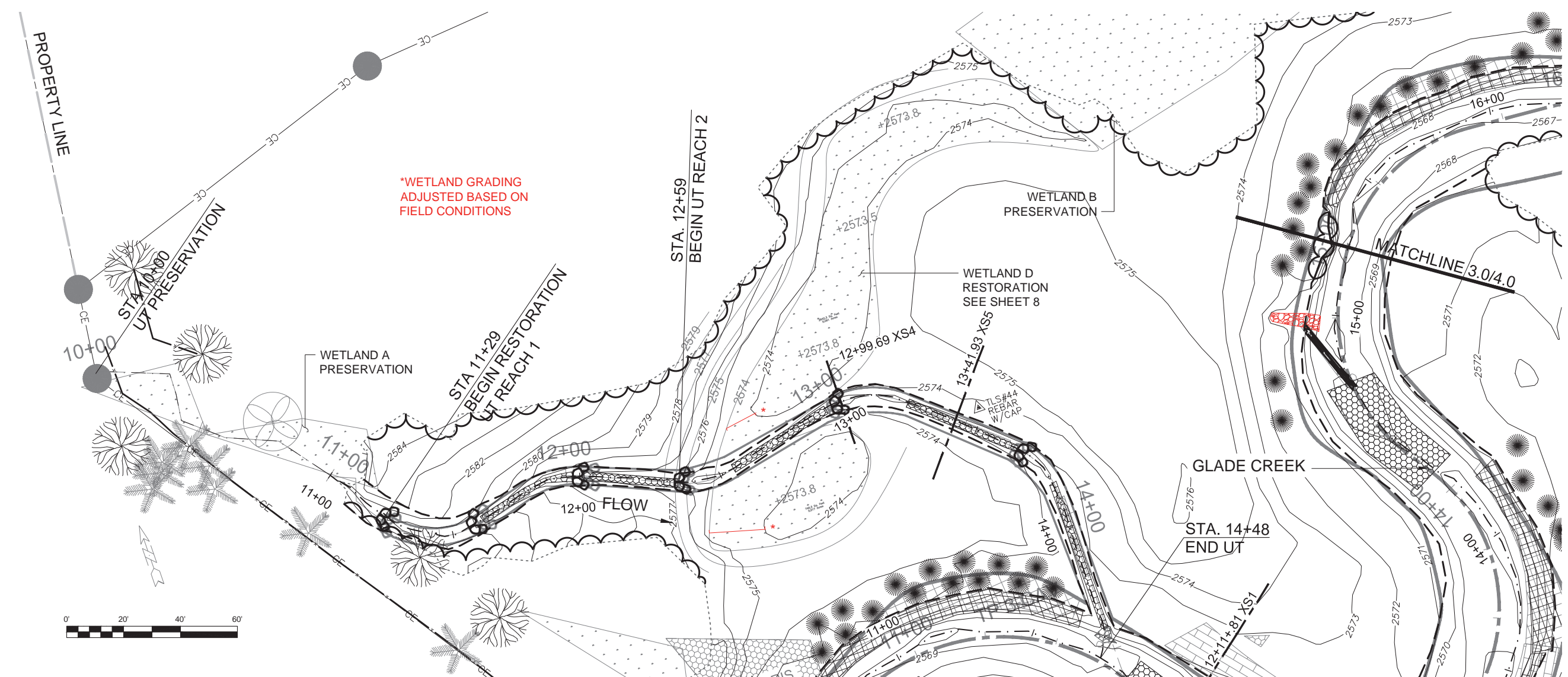
Glade Creek  
Stream Plan and Profile

Revisions:

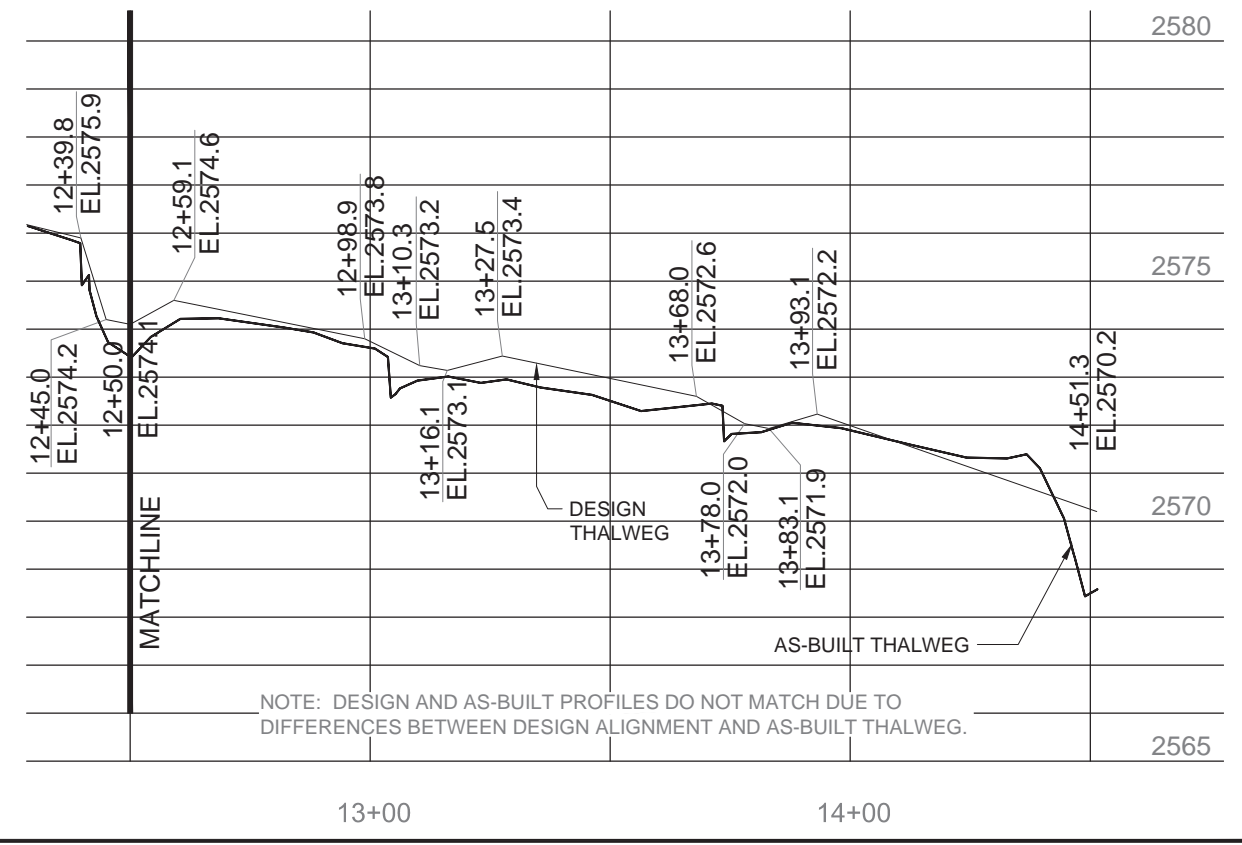

Date: May 3, 2016  
Job Number: 005-02151  
Project Engineer: ADB  
Drawn By: RCP  
Checked By: ADB

6

Sheet



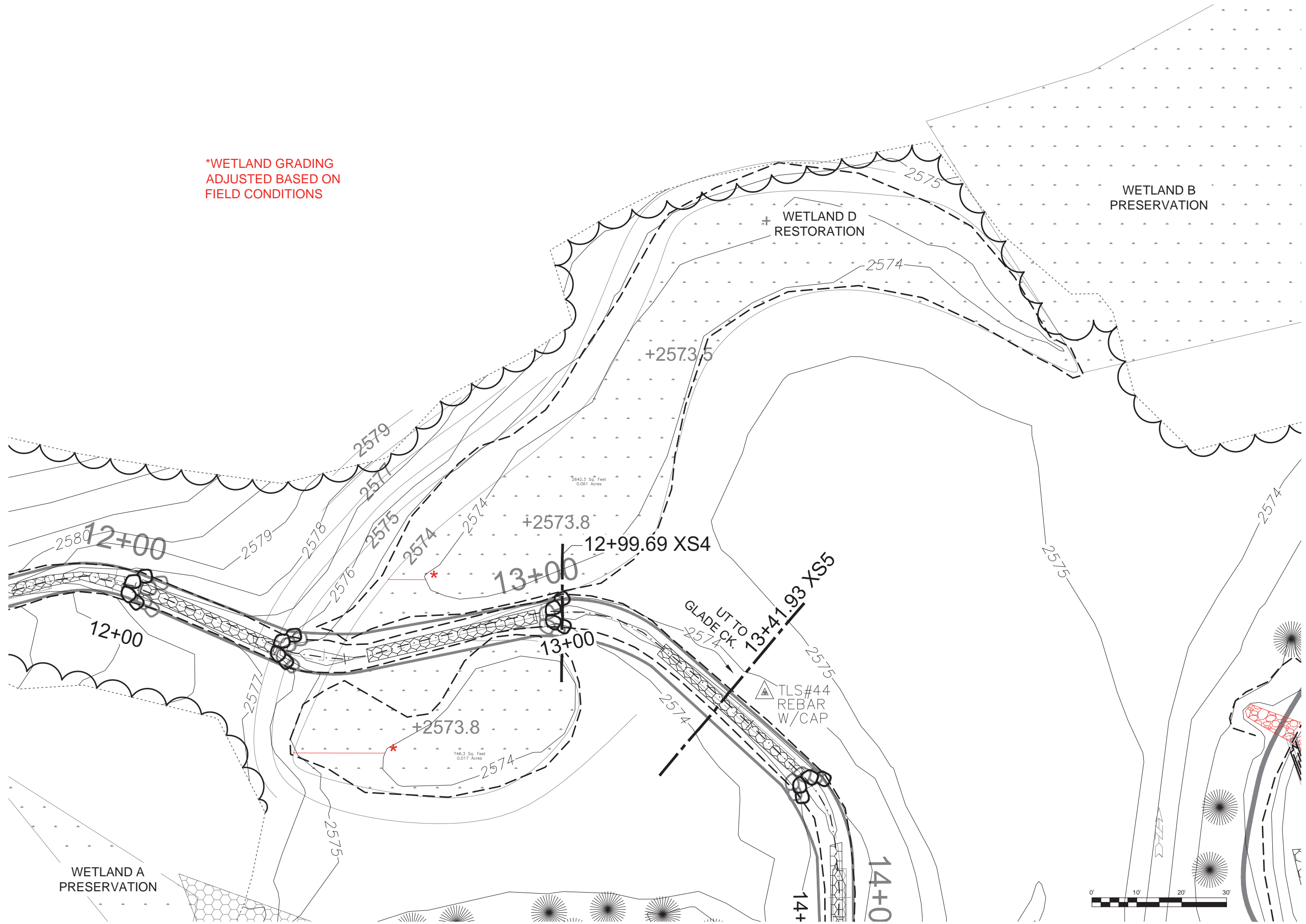
NOTE: DESIGN AND AS-BUILT PROFILES DO NOT MATCH DUE TO DIFFERENCES BETWEEN DESIGN ALIGNMENT AND AS-BUILT THALWEG.



NOTE: DESIGN AND AS-BUILT PROFILES DO NOT MATCH DUE TO DIFFERENCES BETWEEN DESIGN ALIGNMENT AND AS-BUILT THALWEG.

Revisions:


\*WETLAND GRADING  
ADJUSTED BASED ON  
FIELD CONDITIONS



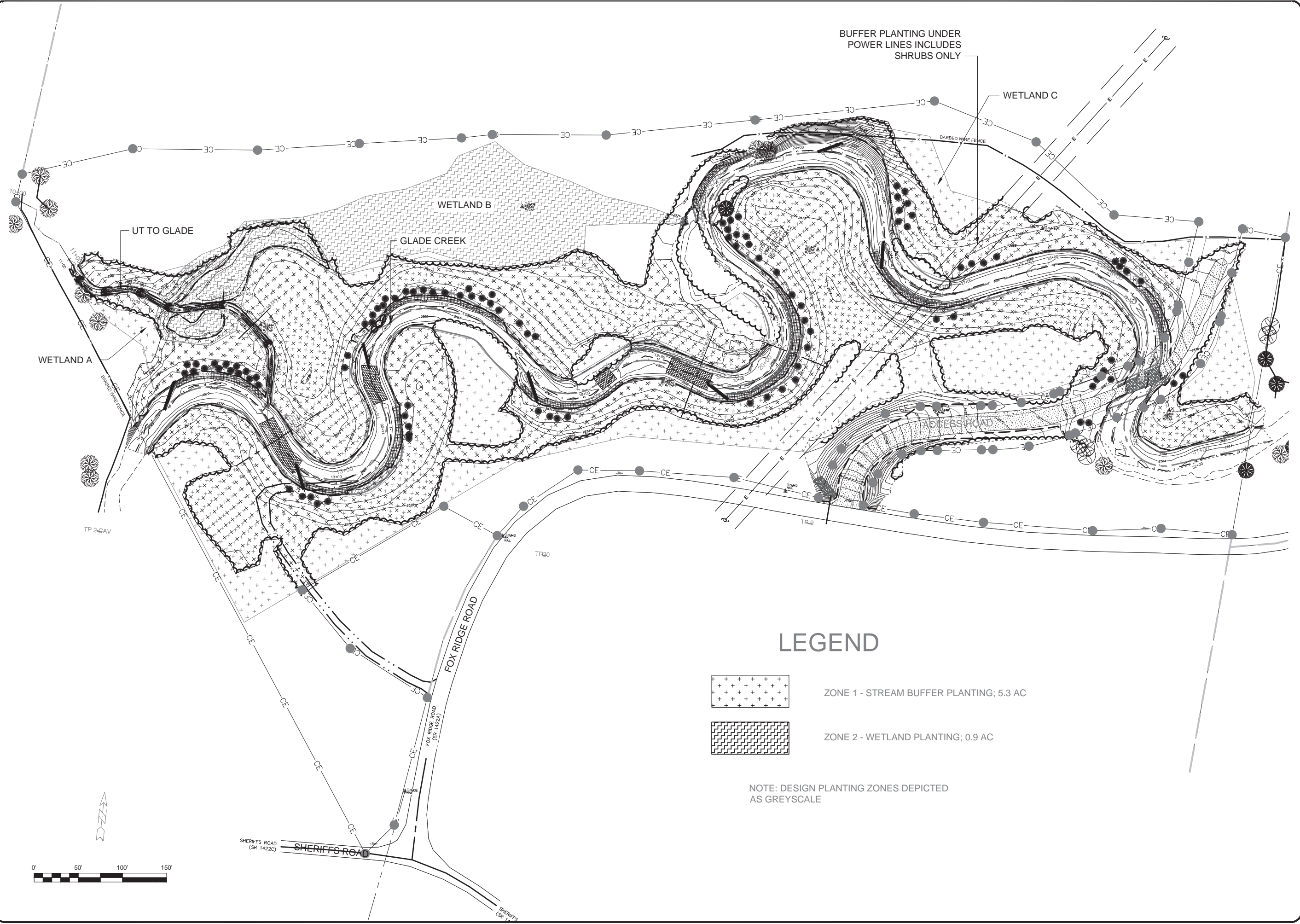
Glade Creek II Restoration Project Record Drawings  
Alleghany County, North Carolina

Wetland D  
Wetland Grading

Revisions:


Date:	May 3, 2016
Job Number:	005-02151
Project Engineer:	ADB
Drawn By:	RCP
Checked By:	ADB





BUFFER PLANTING UNDER POWER LINES INCLUDES SHRUBS ONLY

WETLAND C

WETLAND B

GLADE CREEK

UT TO GLADE

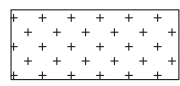
WETLAND A

ACCESS ROAD

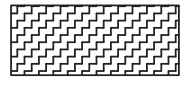
FOX RIDGE ROAD  
(SR 1422A)

SHERIFFS ROAD  
(SR 1422C)

### LEGEND



ZONE 1 - STREAM BUFFER PLANTING; 5.3 AC



ZONE 2 - WETLAND PLANTING; 0.9 AC

NOTE: DESIGN PLANTING ZONES DEPICTED AS GREYSCALE

## Glade Creek II Restoration Project Record Drawings Alleghany County, North Carolina

Glade Creek & UT to Glade Creek  
Planting Plan

Revisions:


Date:	May 3, 2016
Job Number:	005-02151
Project Engineer:	AJB
Drawn By:	RCP
Checked By:	AJB

9

Sheet

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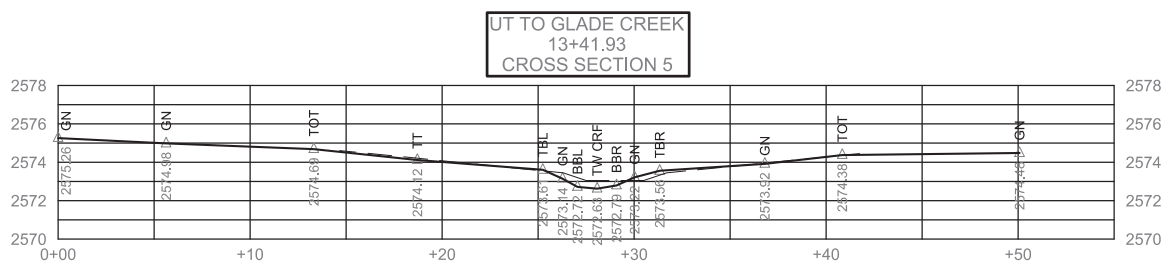
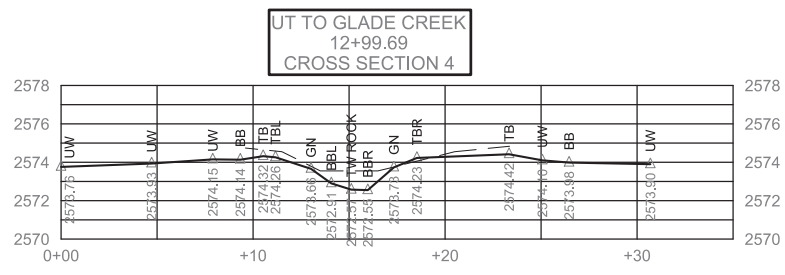
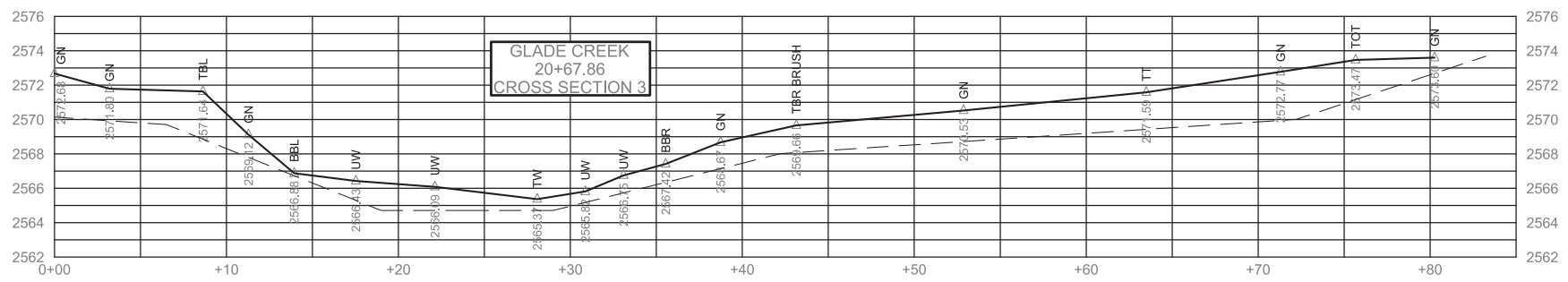
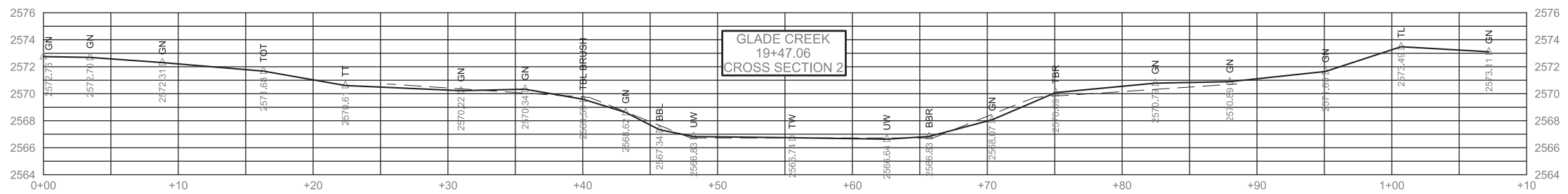
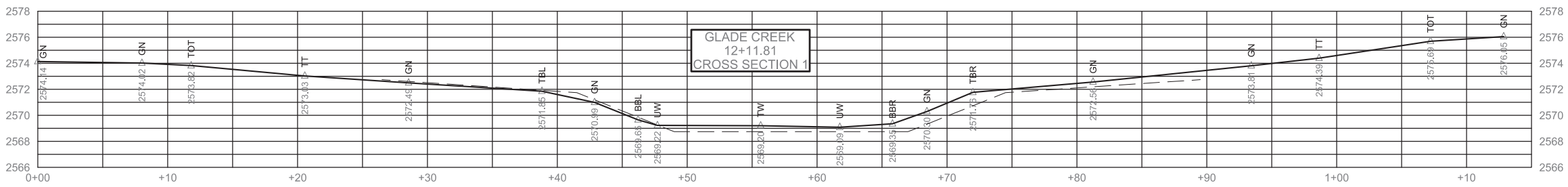


## CROSS SECTIONS 1-5

**LEGEND:**

- TW-THALWEG
- TBL/TBR-LEFT/RIGHT TOP OF BANK
- BBL/BBR-LEFT/RIGHT BANK TOE
- TOT-TOP OF TERRACE
- TT-TERRACE TOE
- GN-GROUND
- UW-UNDER WATER
- DESIGN GRADE
- AS-BUILT GRADE

NOTE: CROSS SECTIONS RUN LEFT TO RIGHT FACING DOWNSTREAM



Revisions:

Date: May 3, 2016  
Job Number: 005-02151  
Project Engineer: ADB  
Drawn By: RCP  
Checked By: ADB