

NC DMS PROJECT NO. 94645
Upper Silver Creek (Brackett Site)

STATE	BAKER PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
NC	120598	1	12
NCDMS PROJECT NO. 94645			

NC DIVISION OF MITIGATION SERVICES

Upper Silver Creek Stream and Wetland Restoration Project, Option C

Burke County, North Carolina
 Type of Work: **AS - BUILT PLAN**

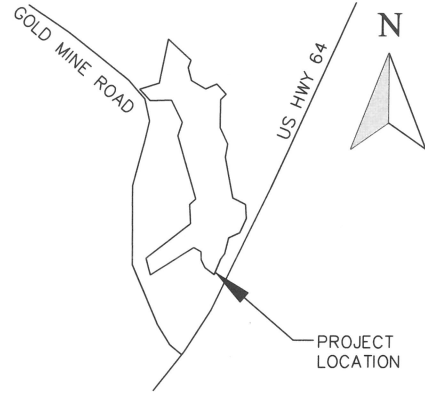


I, MARSHALL G. WIGHT, AS A DULY REGISTERED PROFESSIONAL LAND SURVEYOR IN THE STATE OF NORTH CAROLINA, HEREBY CERTIFY THAT THE DATA SHOWN ON THIS DRAWING, WAS OBTAINED UNDER MY SUPERVISION, IS AN ACCURATE AND COMPLETE REPRESENTATION OF WHAT WAS CONSTRUCTED IN THE FIELD, AND THAT THE PHYSICAL DIMENSIONS OR ELEVATIONS SHOWN THUS ARE AS-BUILT CONDITIONS EXCEPT WHERE OTHERWISE NOTED HEREON. WITNESS MY ORIGINAL SIGNATURE, REGISTRATION NUMBER, AND SEAL THIS 19TH DAY OF JUNE, 2015.

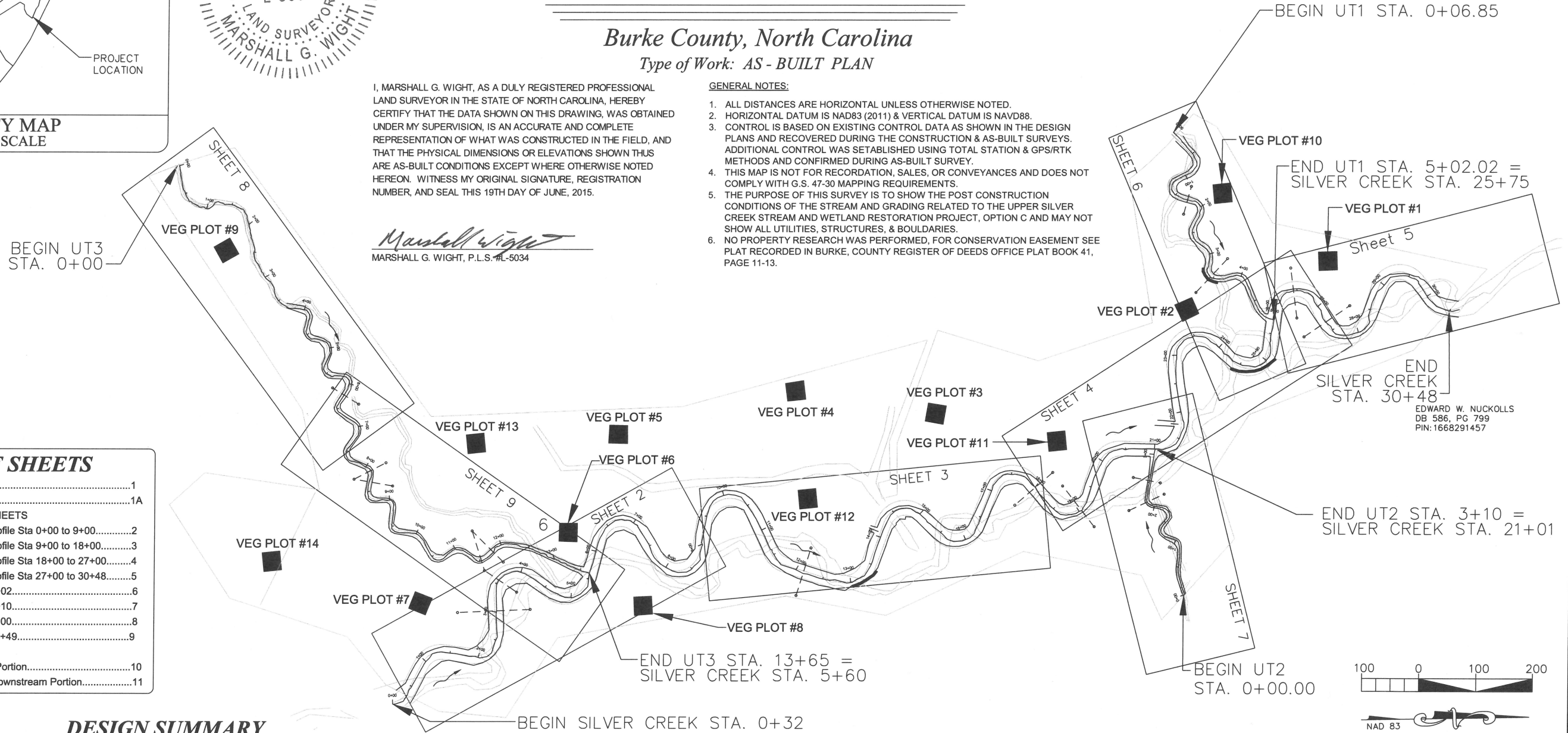
MARSHALL G. WIGHT, P.L.S. #L-5034

GENERAL NOTES:

- ALL DISTANCES ARE HORIZONTAL UNLESS OTHERWISE NOTED.
- HORIZONTAL DATUM IS NAD83 (2011) & VERTICAL DATUM IS NAVD88.
- CONTROL IS BASED ON EXISTING CONTROL DATA AS SHOWN IN THE DESIGN PLANS AND RECOVERED DURING THE CONSTRUCTION & AS-BUILT SURVEYS. ADDITIONAL CONTROL WAS ESTABLISHED USING TOTAL STATION & GPS/RTK METHODS AND CONFIRMED DURING AS-BUILT SURVEY.
- THIS MAP IS NOT FOR RECORDATION, SALES, OR CONVEYANCES AND DOES NOT COMPLY WITH G.S. 47-30 MAPPING REQUIREMENTS.
- THE PURPOSE OF THIS SURVEY IS TO SHOW THE POST CONSTRUCTION CONDITIONS OF THE STREAM AND GRADING RELATED TO THE UPPER SILVER CREEK STREAM AND WETLAND RESTORATION PROJECT, OPTION C AND MAY NOT SHOW ALL UTILITIES, STRUCTURES, & BOUNDARIES.
- NO PROPERTY RESEARCH WAS PERFORMED, FOR CONSERVATION EASEMENT SEE PLAT RECORDED IN BURKE, COUNTY REGISTER OF DEEDS OFFICE PLAT BOOK 41, PAGE 11-13.



VICINITY MAP
NOT TO SCALE



INDEX OF SHEETS

Cover Sheet.....	1
Legend.....	1A
PLAN AND PROFILE SHEETS	
Silver Creek Mainstem Plan-Profile Sta 0+00 to 9+00.....	2
Silver Creek Mainstem Plan-Profile Sta 9+00 to 18+00.....	3
Silver Creek Mainstem Plan-Profile Sta 18+00 to 27+00.....	4
Silver Creek Mainstem Plan-Profile Sta 27+00 to 30+48.....	5
UT1 Plan-Profile Sta 0+00 to 5+02.....	6
UT2 Plan-Profile Sta 0+00 to 3+10.....	7
UT3 Plan-Profile Sta 0+00 to 7+00.....	8
UT3 Plan-Profile Sta 7+00 to 13+49.....	9
WETLAND SHEETS	
Wetland Elements - Upstream Portion.....	10
Wetland Elements - Middle & Downstream Portion.....	11

DESIGN SUMMARY

STREAMS

Name:	Reach	Stations	Linear Ft	Type	Approach	SMU
SILVER CK 1 (SC1)		0+32 TO 8+70	838	Restoration	PII	838
SILVER CK 2 (SC2)		8+70 TO 30+48	2,178	Restoration	PI	2,178
UT1	1 (UT1-1)	0+07 TO 5+02	495	Restoration	PI	495
UT2	1 (UT2-1)	0+00 TO 1+03	103	Restoration	PI	103
UT2	2 (UT2-2)	1+03 TO 3+10	207	Restoration	PI	207
UT3	1 (UT3-1)	0+00 TO 3+43	343	Enhancement II	N/A	137
UT3	2 (UT3-2)	3+43 TO 13+65	1,022	Restoration	PI	1,022
TOTAL:						4,980

WETLANDS

	Acres	Type	WMU
Wetland Restoration	4.67	Riparian	4.67
Wetland Restoration	0.21	Non-Riparian	0.21
Wetland Enhancement	2.85	Riparian	1.43
Wetland Enhancement	0.42	Non-Riparian	0.21
Wetland Creation	0.99	Riparian	0.33
TOTAL:			6.85

PREPARED FOR THE OFFICE OF:

NCDEQ
DIVISION OF MITIGATION SERVICES

1652 MAIL SERVICE CENTER
 RALEIGH, N.C. 27699-1652

NCDMS PROJECT MGR.: Matthew Reid

NCDMS REVIEW COORDINATOR: Matthew Reid

PREPARED IN THE OFFICE OF:

Michael Baker

INTERNATIONAL

Michael Baker Engineering Inc.
 797 Haywood Road, Suite 201
 Asheville, NORTH CAROLINA 28806
 Phone: 828.350.1408
 Fax: 828.350.1409
 License #: F-1084

JACOB M. BYERS, PE

PROJECT ENGINEER

MICKY CLEMMONS

PROJECT MANAGER

MARCH 14 2016

DATE

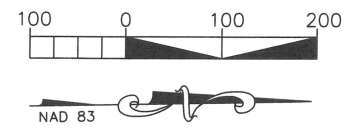
Revisions
Date Sheets

PROJECT ENGINEER






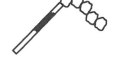












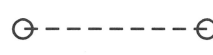













SIGNATURE:

P.E.

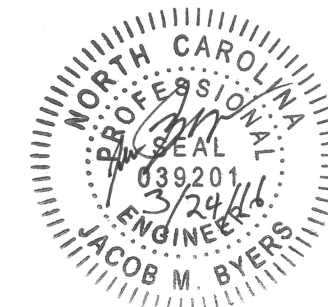


LEGEND OF PLAN VIEW

 ROCK CROSS VANE  ROCK DROP  ROCK VANE  CONSTRUCTED RIFFLE  LOG CROSS VANE  GRADE CONTROL LOG J-HOOK  LOG VANE  COVER LOG  ROOT WAD  GEOLIFT  TOEWOOD	 VEG PLOT  WETLAND RESTORATION  WETLAND ENHANCEMENT TO EXISTING JURISDICTIONAL WETLANDS  WETLAND CREATION  MONITORING WELL  CREST GAUGE  PHOTO POINT  AS-BUILT SURVEYED CROSS SECTION	 EXISTING THALWEG  EXISTING TOP OF BANK  DESIGN THALWEG  DESIGN TOP OF BANK  AS-BUILT THALWEG  AS-BUILT TOP OF BANK  FLOW DIRECTION  CONSERVATION EASEMENT  EXISTING CONTOURS  AS-BUILT MAJOR CONTOUR  AS-BUILT MINOR CONTOUR
--	---	--

LEGEND OF PROFILE VIEW

- - - - -	PROPOSED THALWEG
.....	PROPOSED LOW BANK
—————	AS-BUILT THALWEG
- - - - -	AS-BUILT LOW BANK



Michael Baker Engineering Inc.
 NC Engineering License F-1084
 797 Haywood Road, Suite 201
 Asheville, North Carolina 28806
 Phone: 828.350.1408
 Fax: 828.350.1409

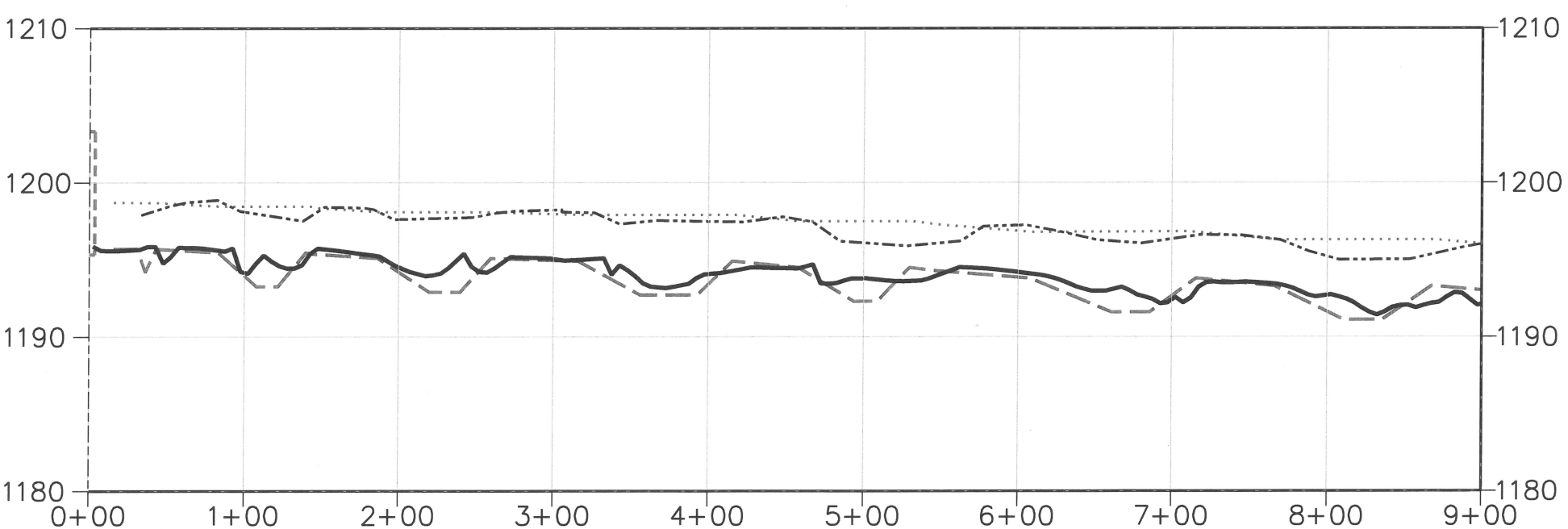
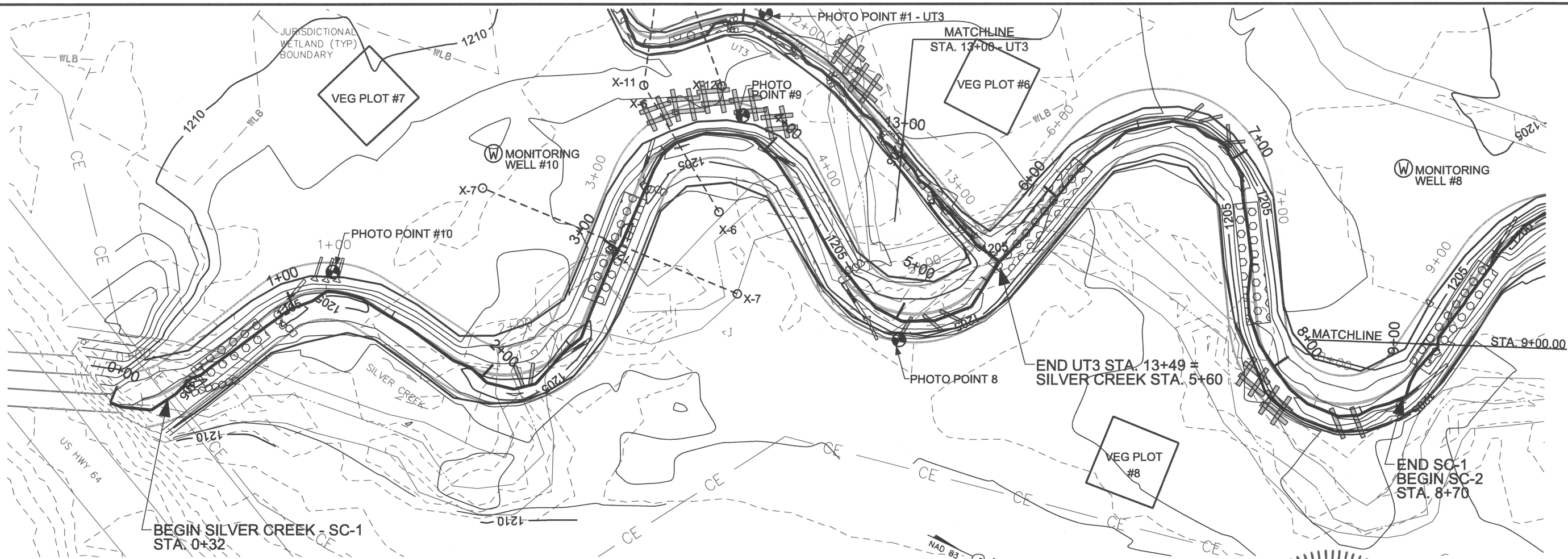
Michael Baker
 INTERNATIONAL

UPPER SILVER CREEK STREAM AND WETLAND
 RESTORATION PROJECT, OPTION C
 BURKE COUNTY, NC
 SILVER CREEK MAINSTEM
 AS-BUILT PLAN

Prepared for:
 NCDENR
 DIVISION OF MITIGATION SERVICES
 1652 MAIL SERVICE CENTER
 RALEIGH, NC 27699-1652

Revisions	
Date	Sheets

Project No. 120598
 Date:
 DESIGNED:
 DRAWN:
 CHECKED:



LEGEND OF PROFILES

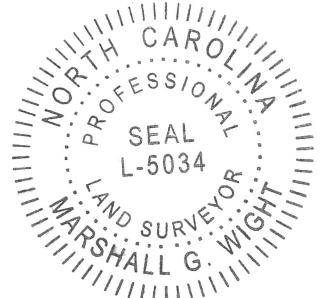
- - - - - PROPOSED THALWEG ——— AS-BUILT THALWEG
 PROPOSED LOW BANK - · - · - AS-BUILT LOW BANK

PROFILE SCALE
 HORIZONTAL: 1"=100'
 VERTICAL: 1"=10'



I, MARSHALL G. WIGHT, 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 19TH DAY OF JUNE, 2015.

Marshall G. Wight
 MARSHALL G. WIGHT, P.L.S. #L-5034



Michael Baker Engineering Inc.
 NC Engineering License F-1084
 797 Haywood Road, Suite 201
 Asheville, North Carolina 28806
 Phone: 828.350.1408
 Fax: 828.350.1409

Michael Baker
 INTERNATIONAL

UPPER SILVER CREEK STREAM AND WETLAND RESTORATION PROJECT, OPTION C
 BURKE COUNTY, NC
 SILVER CREEK MAINSTEM AS-BUILT PLAN

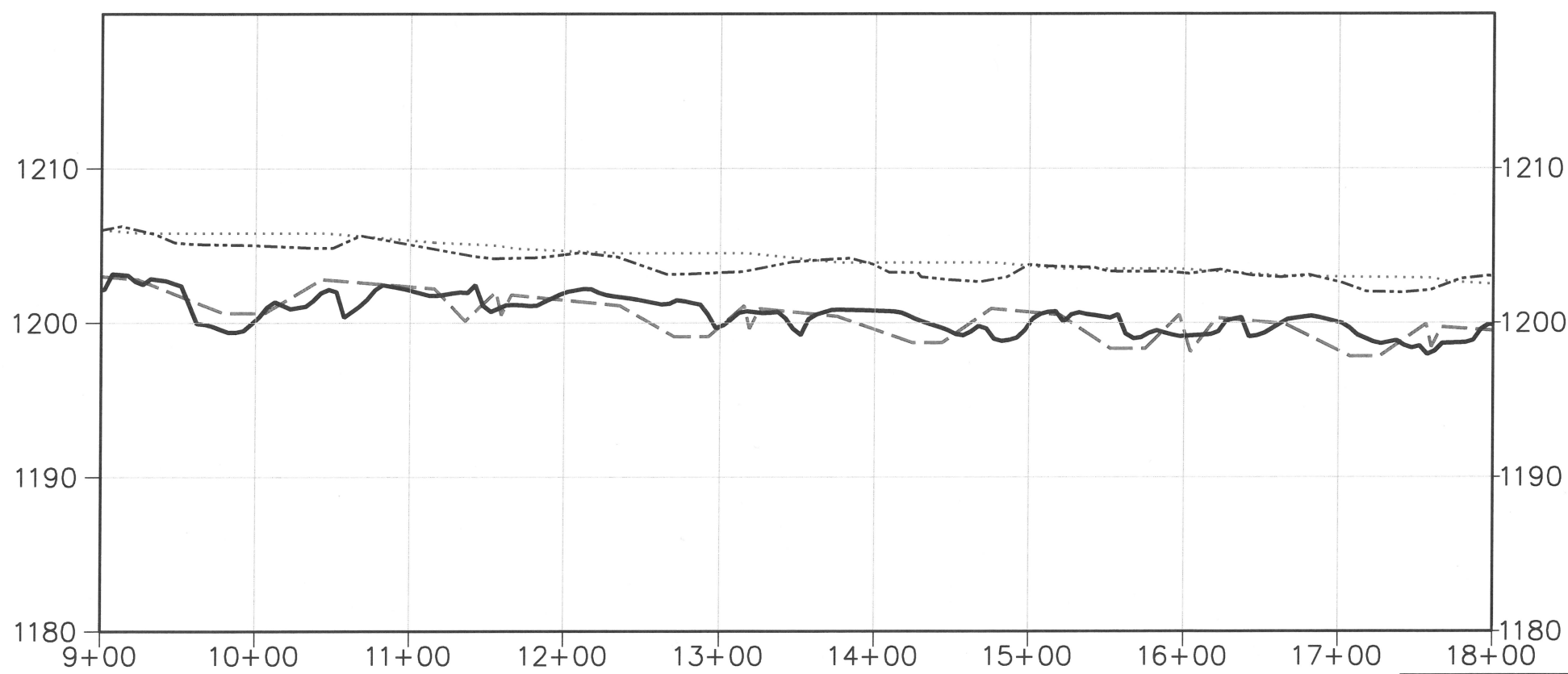
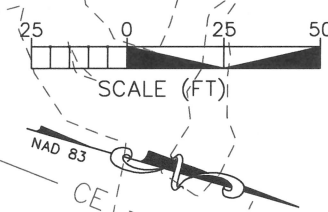
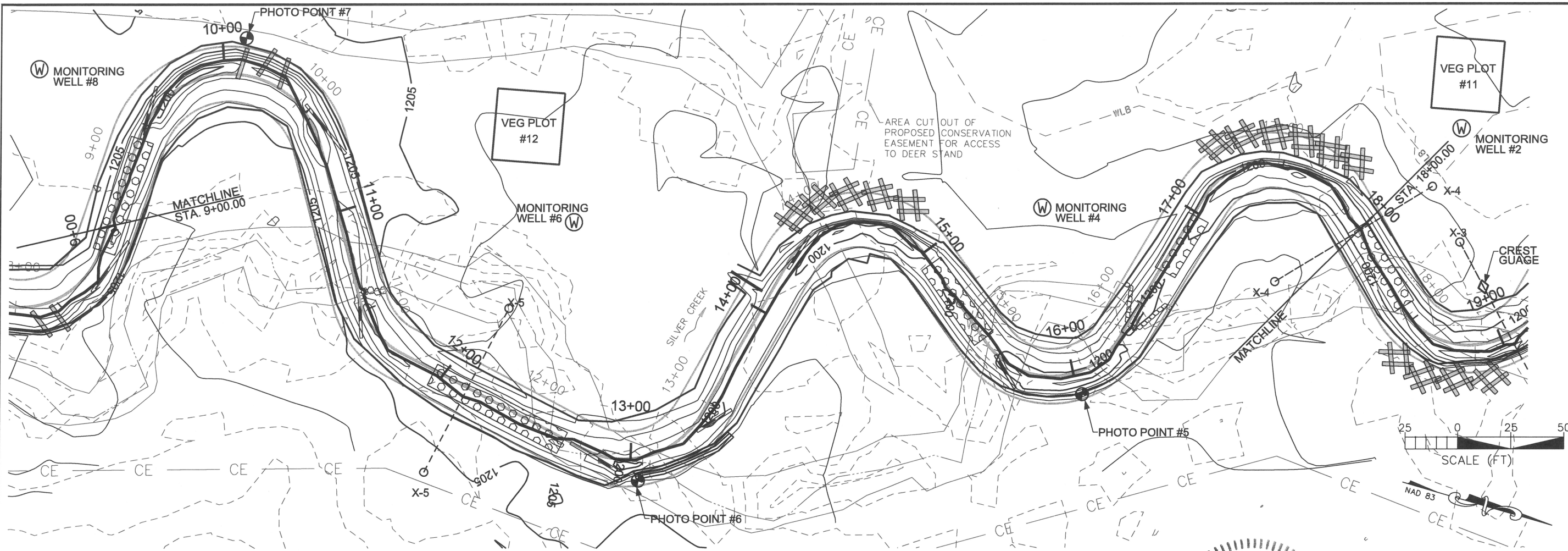
Prepared for:
 NCDENR
 DIVISION OF MITIGATION SERVICES
 1652 MAIL SERVICE CENTER
 RALEIGH, NC 27699-1652

Revisions	
Date	Sheets

Project No. 120598
 Date:
 DESIGNED:
 DRAWN:
 CHECKED:

R:\2015\1506\150601\150601.dgn
 2/26/03
 mcb

2/26/03



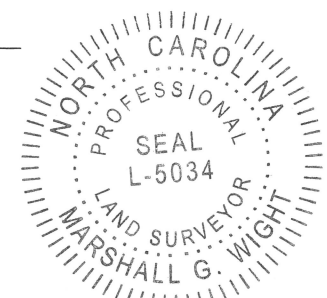
- - - - - PROPOSED THALWEG - - - - - AS-BUILT THALWEG
 PROPOSED LOW BANK - · - · - AS-BUILT LOW BANK

PROFILE SCALE
 HORIZONTAL: 1"=100'
 VERTICAL: 1"=10'



I, MARSHALL G. WIGHT, 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 19TH DAY OF JUNE, 2015.

Marshall Wight
 MARSHALL G. WIGHT, P.L.S. #L-5034



Michael Baker Engineering Inc.
 NC Engineering License F-1084
 797 Haywood Road, Suite 201
 Asheville, North Carolina 28806
 Phone: 828.350.1408
 Fax: 828.350.1409

Michael Baker
INTERNATIONAL

UPPER SILVER CREEK STREAM AND WETLAND
 RESTORATION PROJECT, OPTION C
 BURKE COUNTY, NC
 SILVER CREEK MAINSTEM
 AS-BUILT PLAN

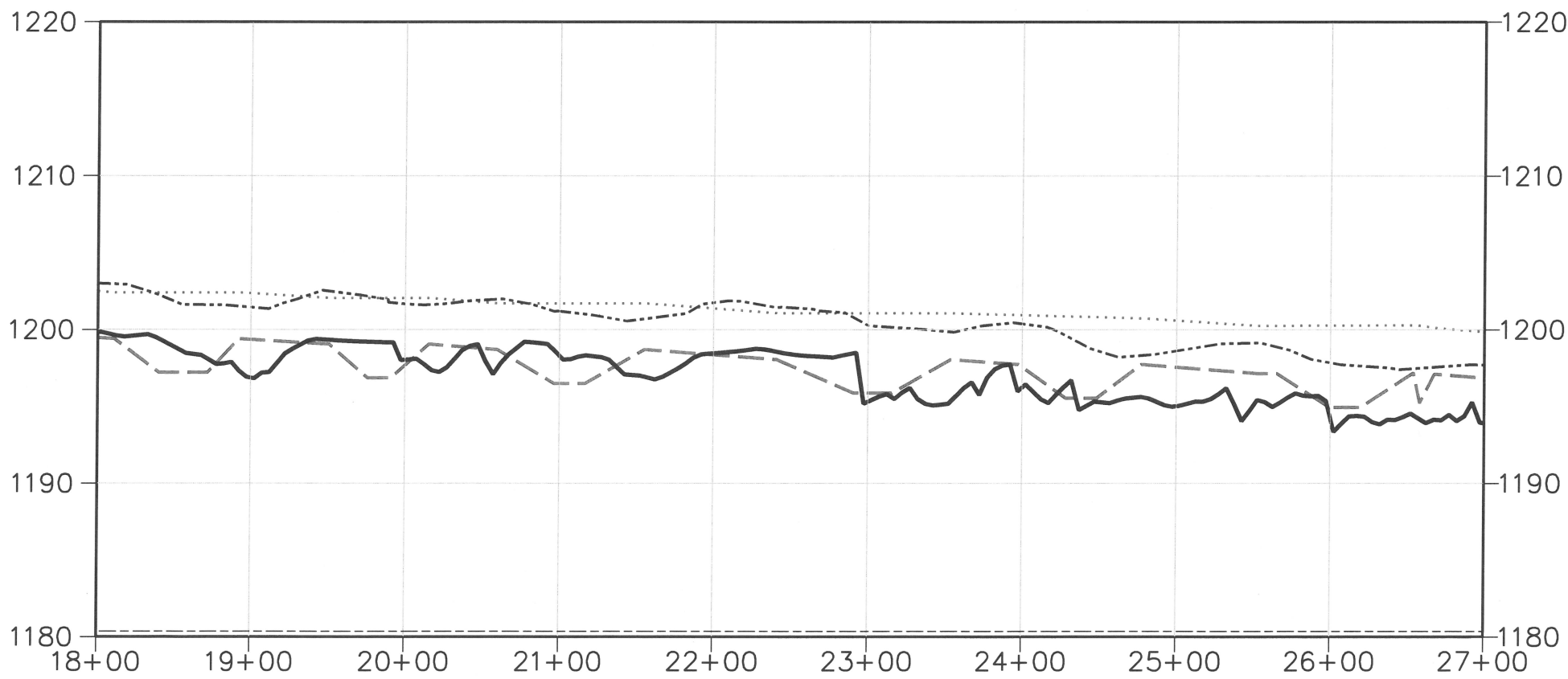
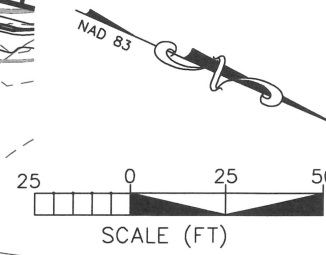
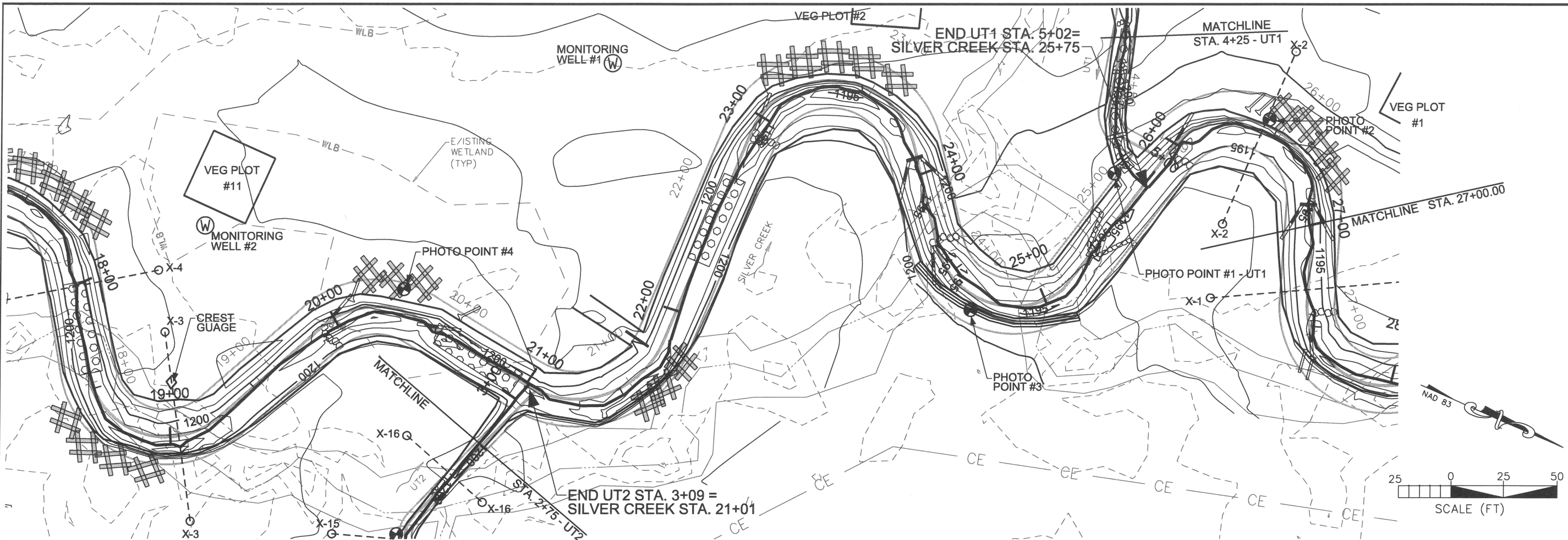
Prepared for:
 NCDENR
 DIVISION OF MITIGATION SERVICES
 1652 MAIL SERVICE CENTER
 RALEIGH, NC 27699-1652

Revisions	
Date	Sheets

Project No. 120598
 Date: _____
 DESIGNED: _____
 DRAWN: _____
 CHECKED: _____

R:\2015\120598\AS-BUILT PLANS\Upr-SilverCk_003270_As-Built-Plans.dgn
 2/26/2015 10:58:46 AM
 mbeard

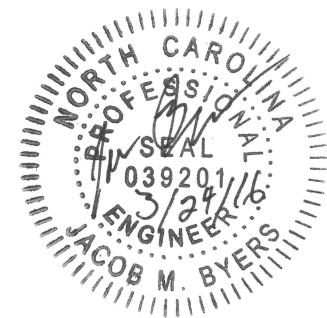
2/26/03



LEGEND OF PROFILES

- - - - - PROPOSED THALWEG - - - - - AS-BUILT THALWEG
 PROPOSED LOW BANK - . - . - AS-BUILT LOW BANK

PROFILE SCALE
 HORIZONTAL: 1"=100'
 VERTICAL: 1"=10'



I, MARSHALL G. WIGHT, 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 19TH DAY OF JUNE, 2015.

Marshall G. Wight
 MARSHALL G. WIGHT, P.L.S. #L-5034



Michael Baker Engineering Inc.
 NC Engineering License F-1084
 797 Haywood Road, Suite 201
 Asheville, North Carolina 28806
 Phone: 828.350.1408
 Fax: 828.350.1409

Michael Baker
 INTERNATIONAL

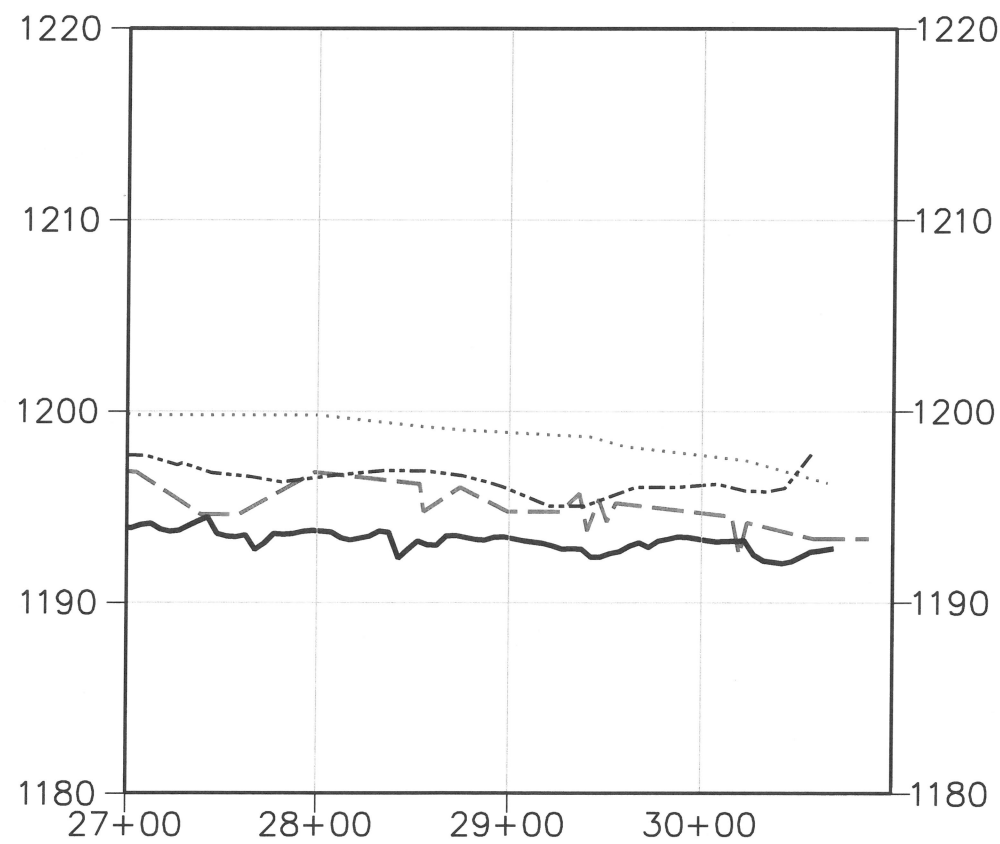
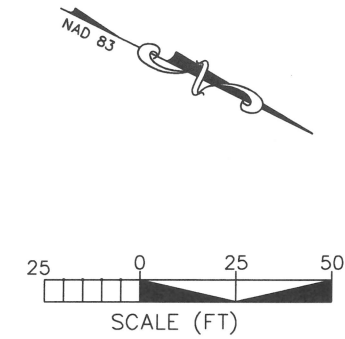
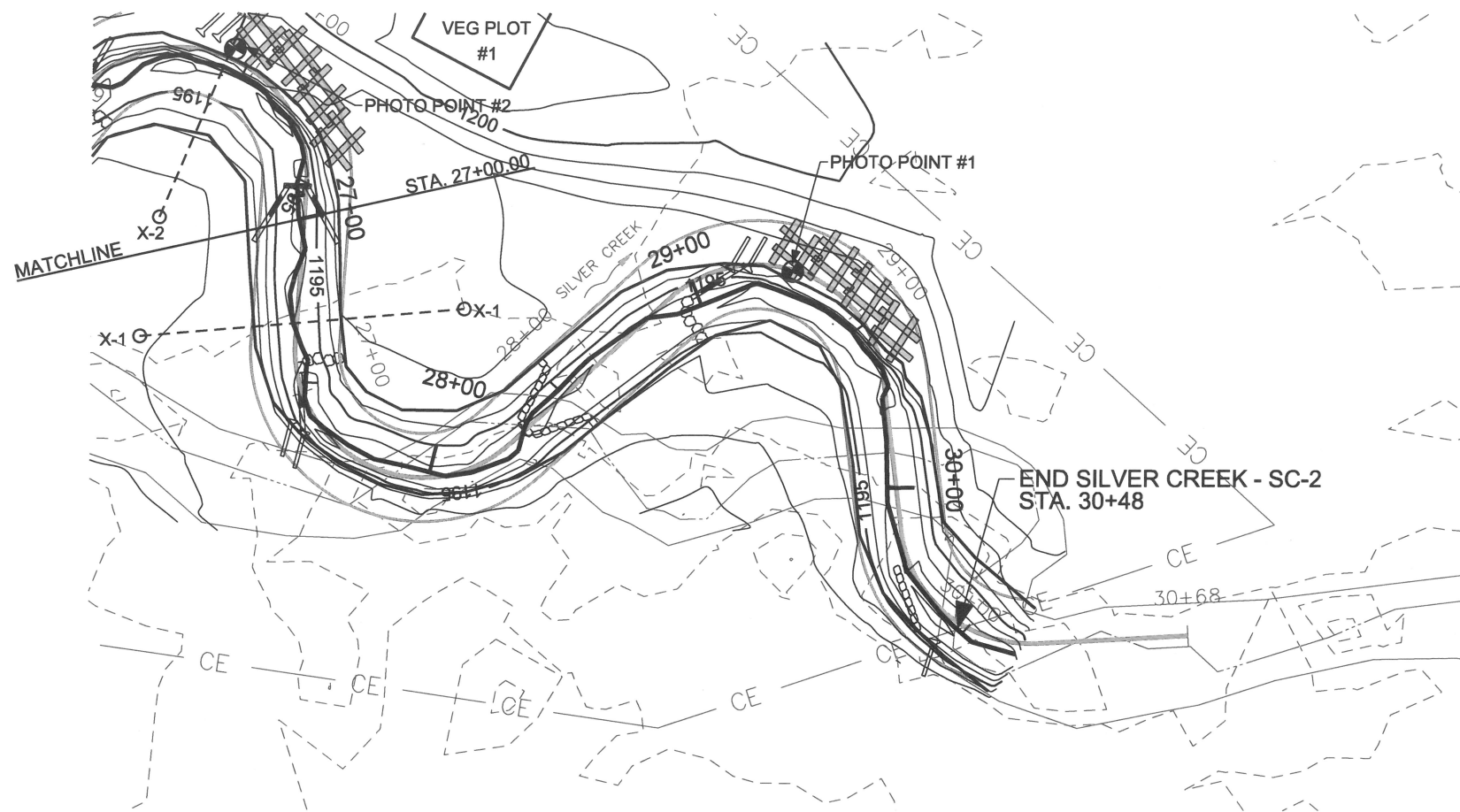
UPPER SILVER CREEK STREAM AND WETLAND
 RESTORATION PROJECT, OPTION C
 BURKE COUNTY, NC
 SILVER CREEK MAINSTEM
 AS-BUILT PLAN

Prepared for:
 NCDENR
 DIVISION OF MITIGATION SERVICES
 1652 MAIL SERVICE CENTER
 RALEIGH, NC 27689-1652

Revisions	
Date	Sheets

Project No. 120598
 Date: _____
 DESIGNED: _____
 DRAWN: _____
 CHECKED: _____

3/23/2016 10:58 AM S:\BUILT PLANS\Upr-Silver-Ck_003270_As-Built-Plans.dgn
 mgarber

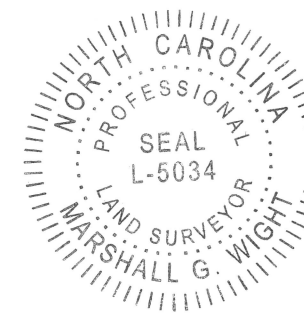
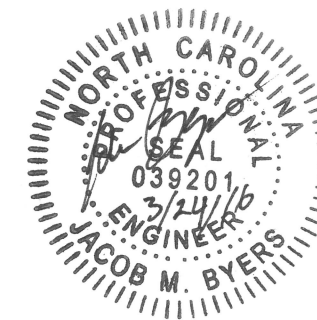


PROFILE SCALE
 HORIZONTAL: 1"=100'
 VERTICAL: 1"=10'

- LEGEND OF PROFILES
- PROPOSED THALWEG
 - PROPOSED LOW BANK
 - AS-BUILT THALWEG
 - · - · - AS-BUILT LOW BANK

I, MARSHALL G. WIGHT, 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 19TH DAY OF JUNE, 2015.

Marshall G. Wight
 MARSHALL G. WIGHT, P.L.S. #L-5034



UPPER SILVER CREEK STREAM AND WETLAND
 RESTORATION PROJECT, OPTION C
 BURKE COUNTY, NC
 SILVER CREEK MAINSTEM
 AS-BUILT PLAN

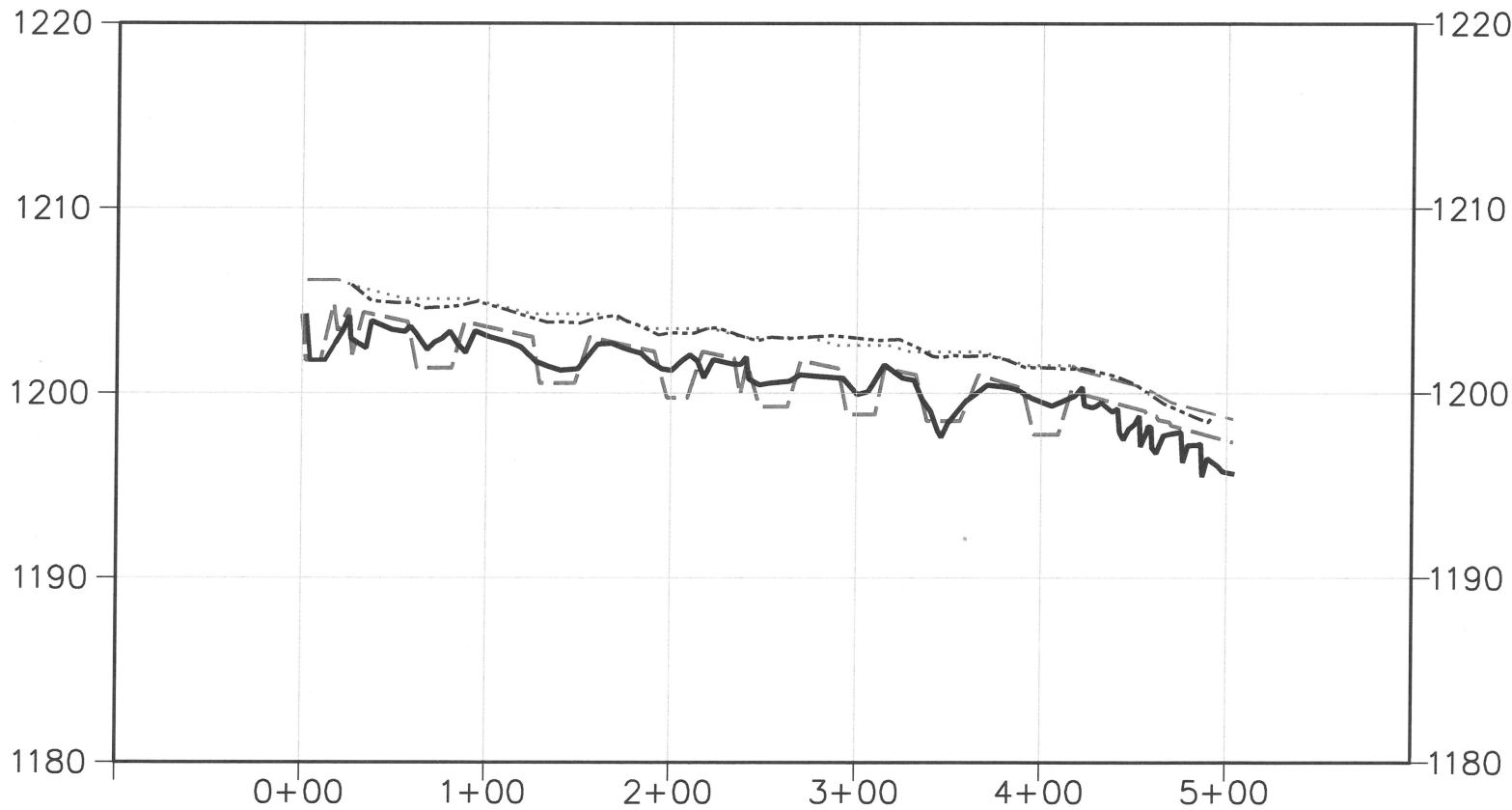
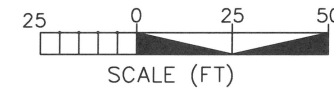
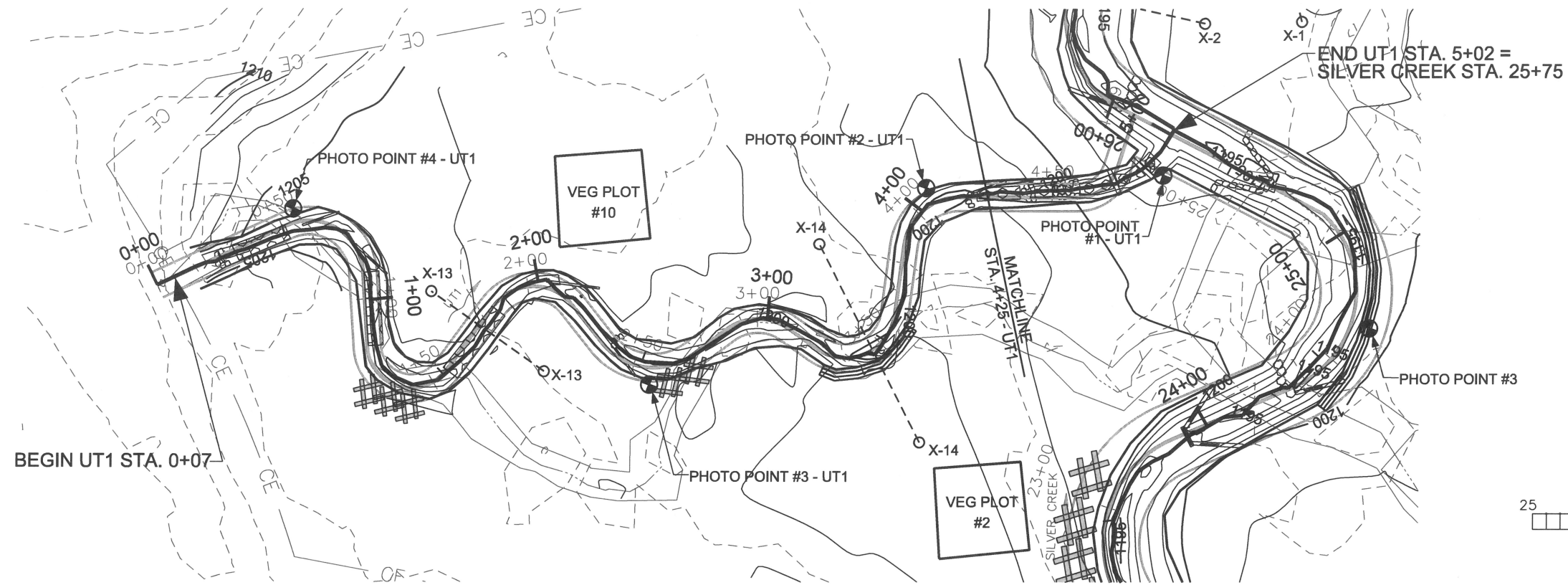
Prepared for:
 NCDENR
 DIVISION OF MITIGATION SERVICES
 1652 MAIL SERVICE CENTER
 RALEIGH, NC 27699-1652

Revisions	
Date	Sheets

Project No. 120598
 Date:
 DESIGNED:
 DRAWN:
 CHECKED:

Michael Baker Engineering Inc.
 NC Engineering License F-1084
 797 Haywood Road, Suite 201
 Asheville, North Carolina 28806
 Phone: 828.350.1408
 Fax: 828.350.1409

Michael Baker
 INTERNATIONAL



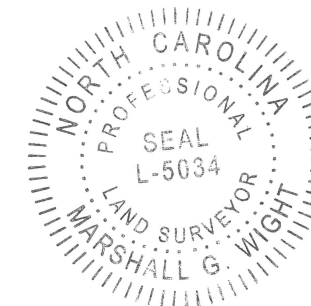
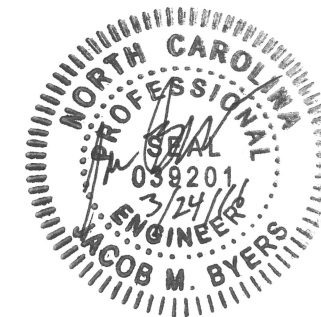
LEGEND OF PROFILES

- PROPOSED THALWEG
- PROPOSED LOW BANK
- AS-BUILT THALWEG
- · - · - AS-BUILT LOW BANK

PROFILE SCALE
 HORIZONTAL: 1"=100'
 VERTICAL: 1"=10'

I, MARSHALL G. WIGHT, 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 19TH DAY OF JUNE, 2015.

Marshall G. Wight
 MARSHALL G. WIGHT, P.L.S. #L-5034



Michael Baker Engineering Inc.
 NC Engineering License F-1084
 797 Haywood Road, Suite 201
 Asheville, North Carolina 28806
 Phone: 828.350.1408
 Fax: 828.350.1409

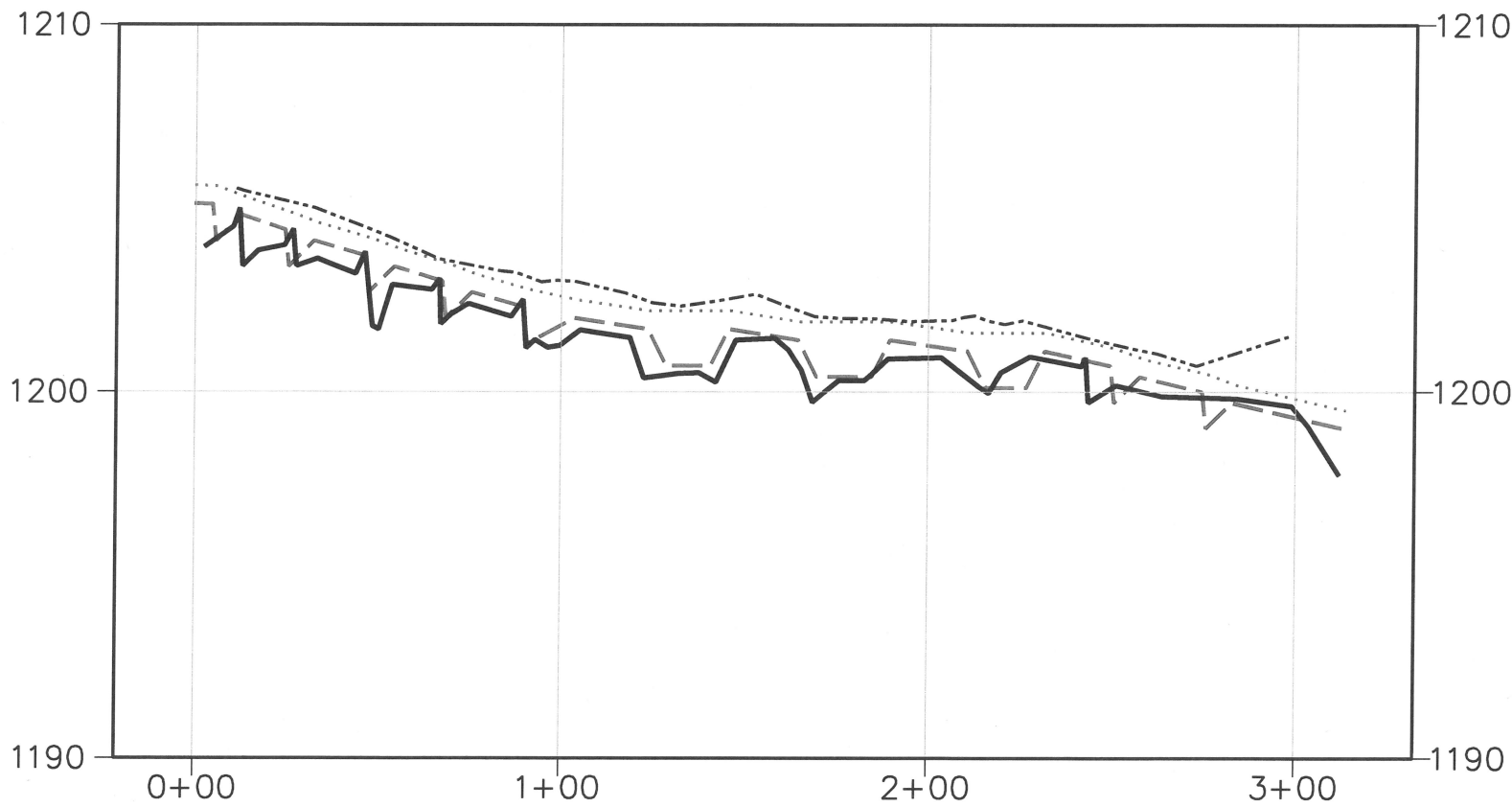
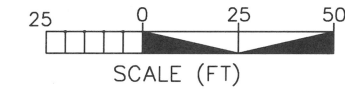
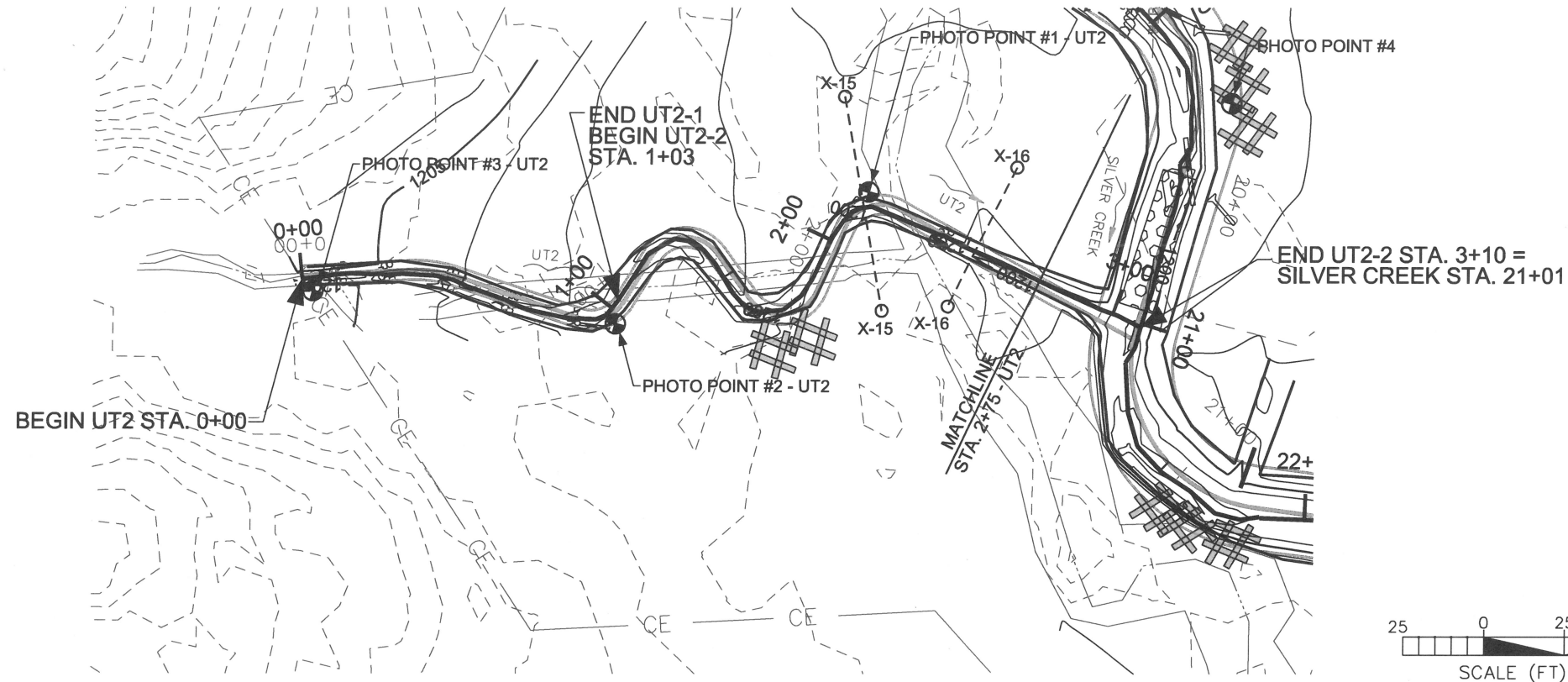
Michael Baker
 INTERNATIONAL

UPPER SILVER CREEK STREAM AND WETLAND
 RESTORATION PROJECT, OPTION C
 BURKE COUNTY, NC
 SILVER CREEK UT 1
 AS-BUILT PLAN

Prepared for:
 NCDENR
 DIVISION OF MITIGATION SERVICES
 1652 MAIL SERVICE CENTER
 RALEIGH, NC 27699-1652

Revisions	
Date	Sheets

Project No. 120598
 Date:
 DESIGNED:
 DRAWN:
 CHECKED:



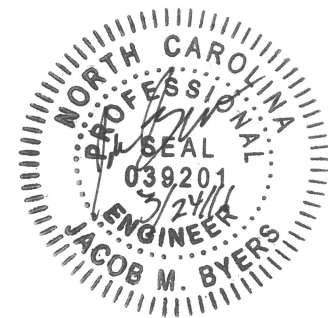
LEGEND OF PROFILES

- PROPOSED THALWEG
- PROPOSED LOW BANK
- AS-BUILT THALWEG
- · - · - AS-BUILT LOW BANK

PROFILE SCALE
HORIZONTAL: 1"=100'
VERTICAL: 1"=10'

I, MARSHALL G. WIGHT, 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 19TH DAY OF JUNE, 2015.

Marshall Wight
MARSHALL G. WIGHT, P.L.S. #L-5034



Michael Baker Engineering Inc.
NC Engineering License F-1084
797 Haywood Road, Suite 201
Asheville, North Carolina 28806
Phone: 828.350.1408
Fax: 828.350.1409

Michael Baker
INTERNATIONAL

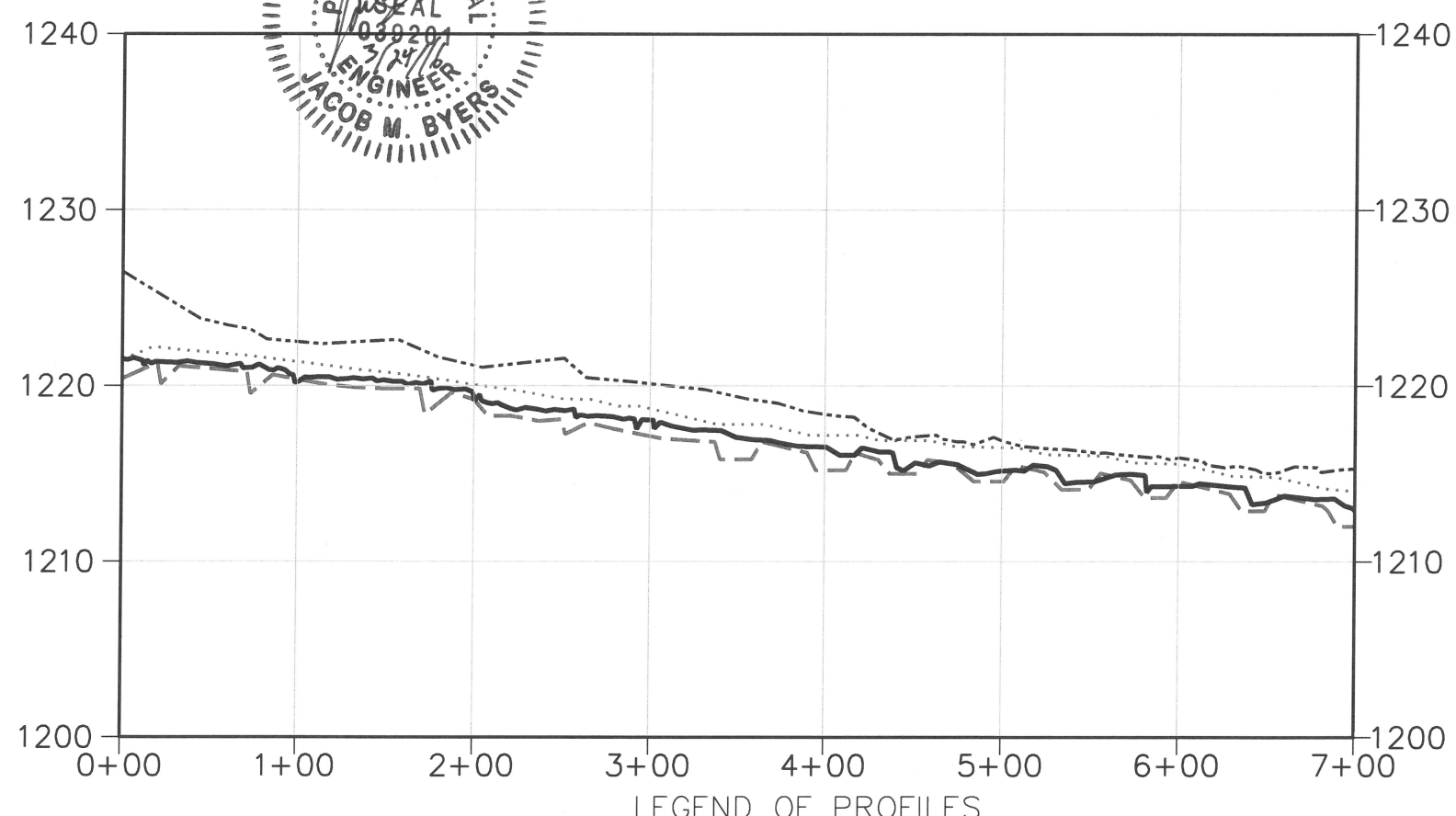
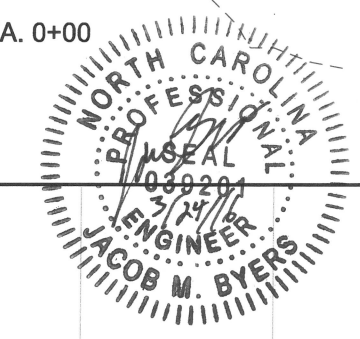
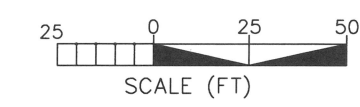
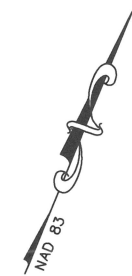
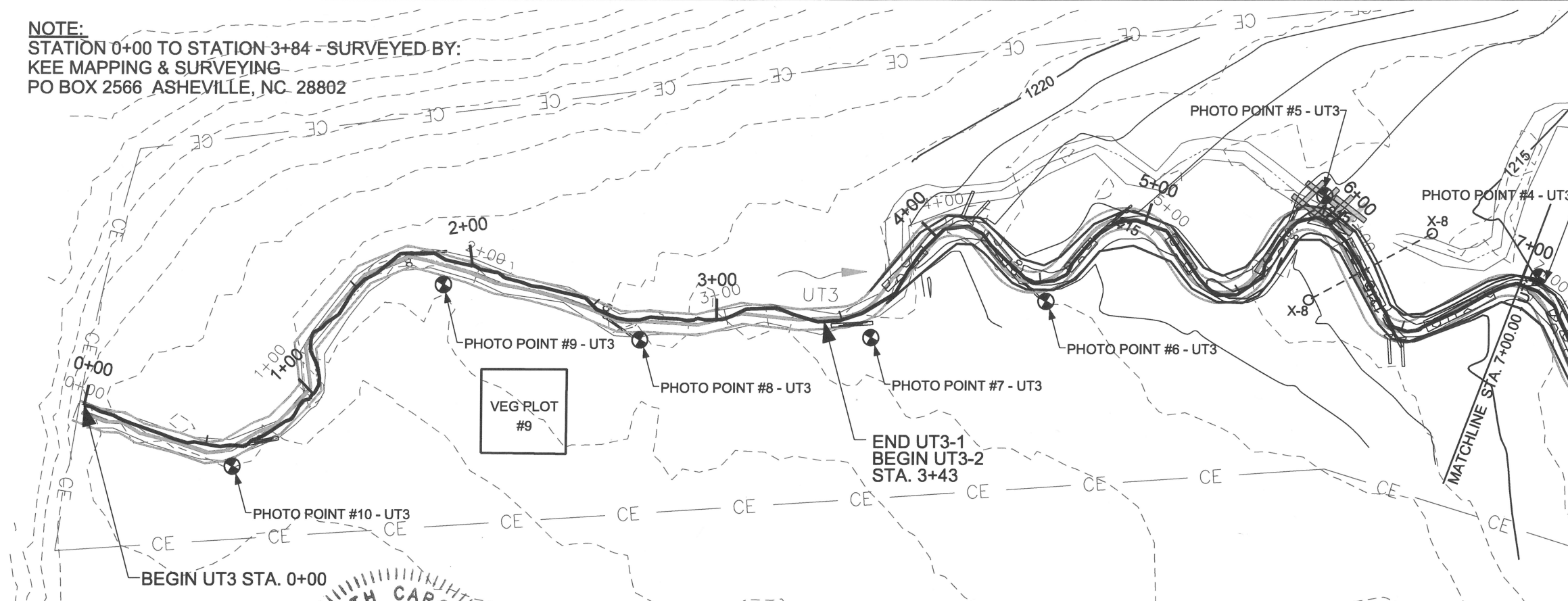
UPPER SILVER CREEK STREAM AND WETLAND RESTORATION PROJECT, OPTION C
BURKE COUNTY, NC
SILVER CREEK UT2
AS-BUILT PLAN

Prepared for:
NCDENR
DIVISION OF MITIGATION SERVICES
1652 MAIL SERVICE CENTER
RALEIGH, NC 27699-1652

Revisions	
Date	Sheets

Project No. 120598
Date:
DESIGNED:
DRAWN:
CHECKED:

NOTE:
STATION 0+00 TO STATION 3+84 - SURVEYED BY:
KEE MAPPING & SURVEYING
PO BOX 2566 ASHEVILLE, NC. 28802



LEGEND OF PROFILES
--- PROPOSED THALWEG — AS-BUILT THALWEG
..... PROPOSED LOW BANK - - - AS-BUILT LOW BANK

I, MARSHALL G. WIGHT, 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 19TH DAY OF JUNE, 2015.

Marshall G. Wight
MARSHALL G. WIGHT, P.L.S. #L-5034



I, PHILLIP B. KEE, AS A DULY REGISTERED PROFESSIONAL LAND SURVEYOR IN THE STATE OF NORTH CAROLINA, HEREBY CERTIFY THAT THE DATA SHOWN ON THIS DRAWING, BETWEEN STATIONS 0+00 TO 3+84 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 14TH DAY OF MARCH, 2016.

Phillip B. Kee
PHILLIP B. KEE, P.L.S. #L-4647



PROFILE SCALE
HORIZONTAL: 1"=100'
VERTICAL: 1"=10'

Michael Baker Engineering Inc.
NC Engineering License F-1084
797 Haywood Road, Suite 201
Asheville, North Carolina 28806
Phone: 828.350.1408
Fax: 828.350.1409

Michael Baker
INTERNATIONAL

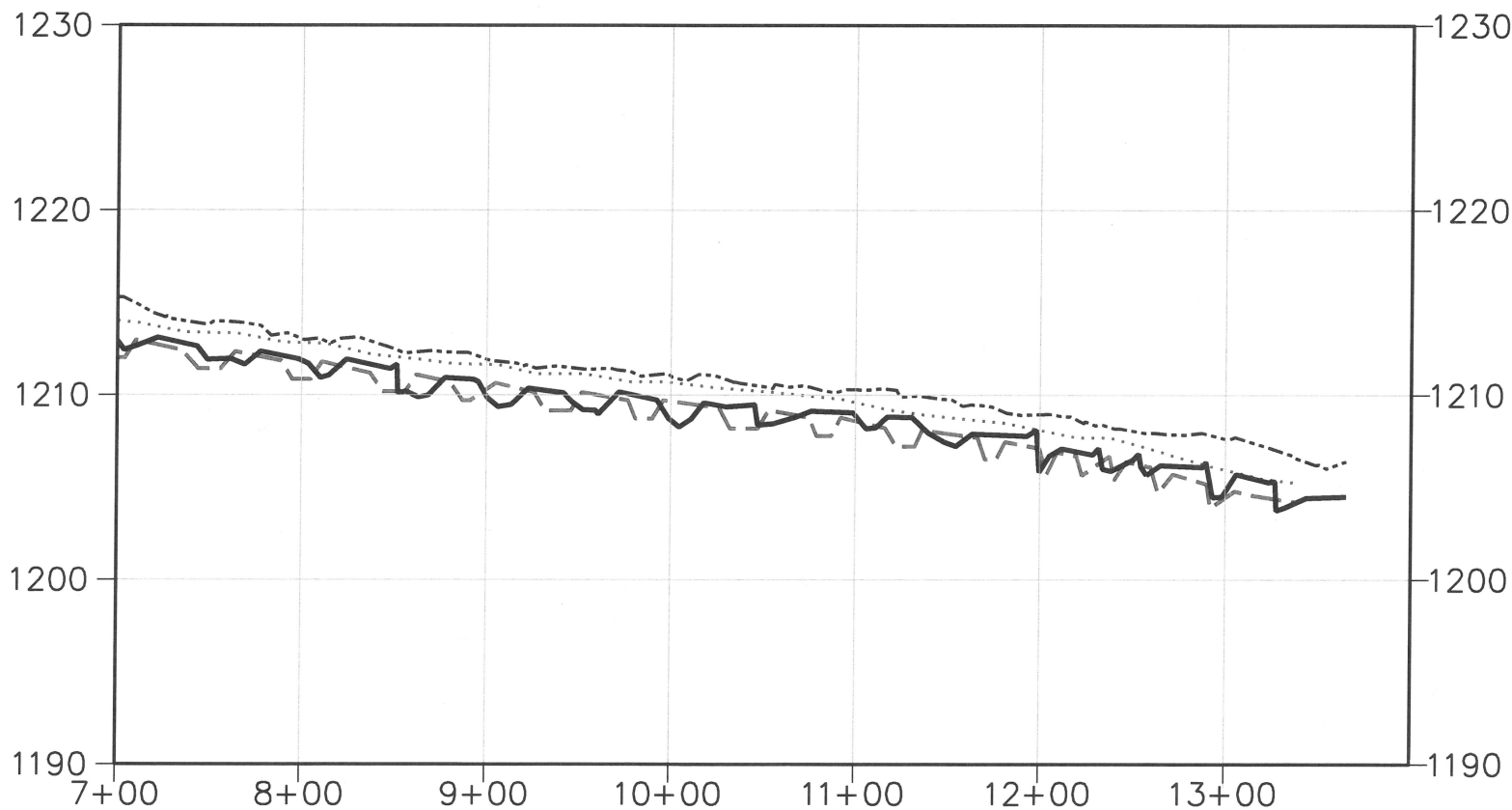
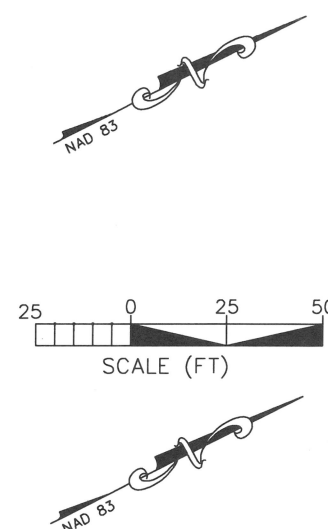
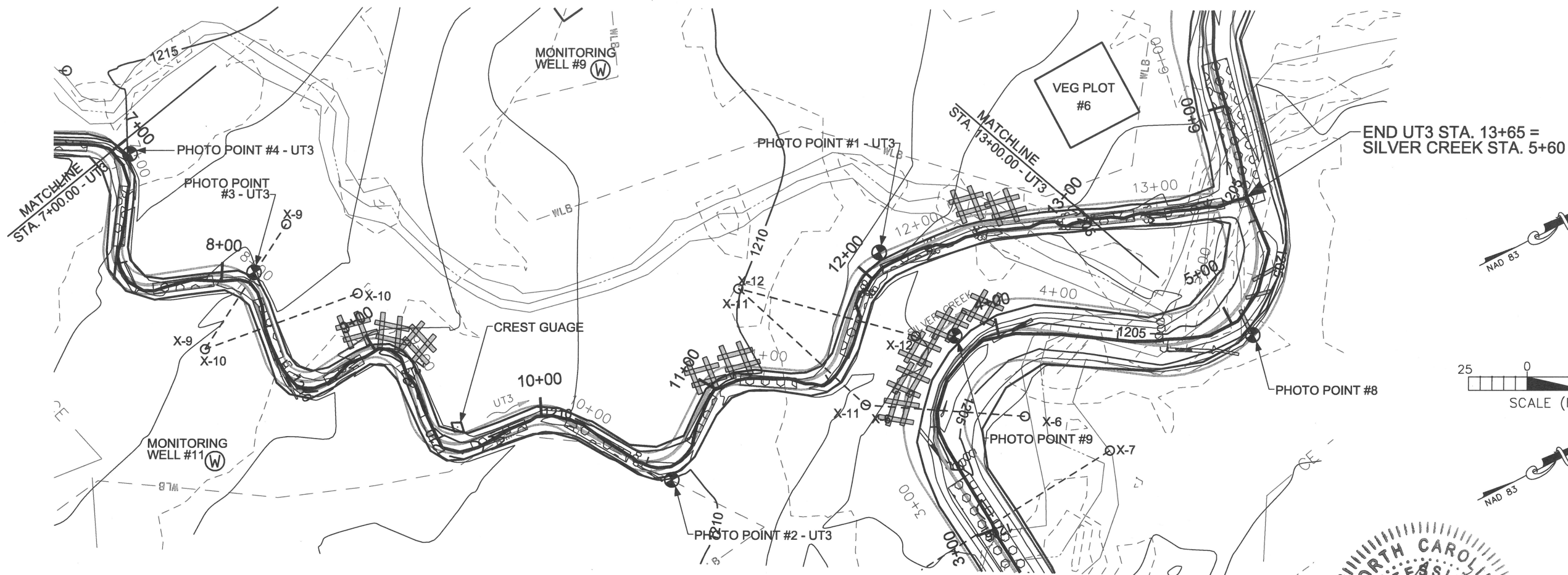
UPPER SILVER CREEK STREAM AND WETLAND
RESTORATION PROJECT, OPTION C
BURKE COUNTY, NC
SILVER CREEK UT3
AS-BUILT PLAN

Prepared for:
NCDENR
DIVISION OF MITIGATION SERVICES
1652 MAIL SERVICE CENTER
RALEIGH, NC 27699-1652

Revisions

Date	Sheets

Project No. 120598
Date:
DESIGNED:
DRAWN:
CHECKED:

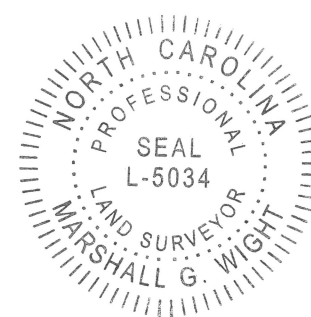
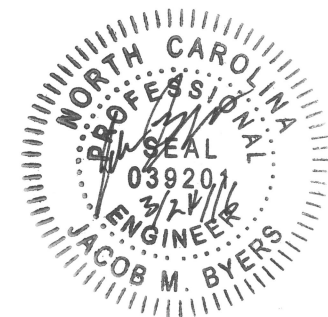


LEGEND OF PROFILES

- PROPOSED THALWEG
- PROPOSED LOW BANK
- AS-BUILT THALWEG
- · - · - AS-BUILT LOW BANK

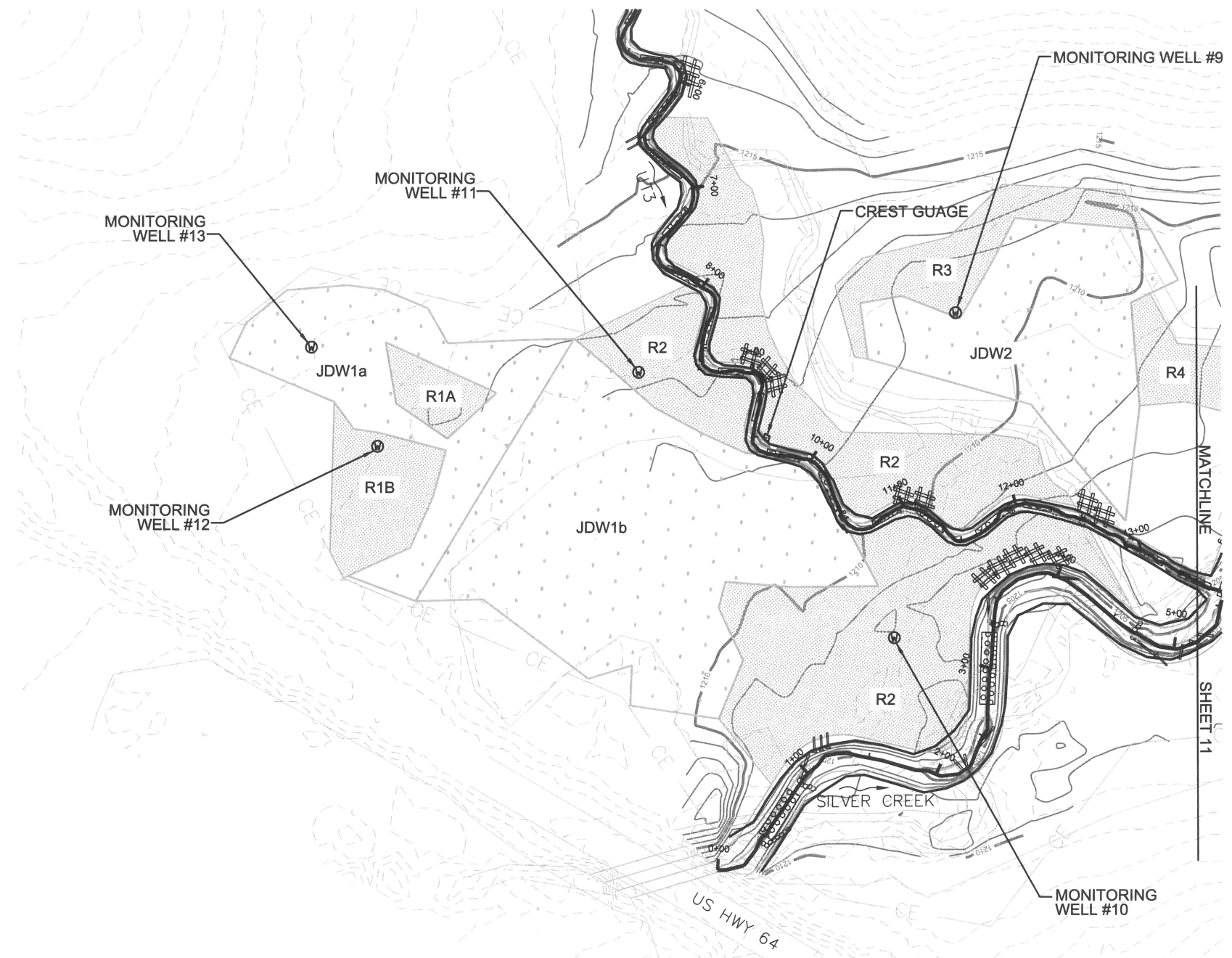
I, MARSHALL G. WIGHT, AS A DULY REGISTERED PROFESSIONAL LAND SURVEYOR IN THE STATE OF NORTH CAROLINA, HEREBY CERTIFY THAT THE DATA SHOWN ON THIS DRAWING, WAS OBTAINED UNDER MY SUPERVISION, IS AN ACCURATE AND COMPLETE REPRESENTATION OF WHAT WAS CONSTRUCTED IN THE FIELD, AND THAT THE PHYSICAL DIMENSIONS OR ELEVATIONS SHOWN THUS ARE AS-BUILT CONDITIONS EXCEPT WHERE OTHERWISE NOTED HEREON. WITNESS MY ORIGINAL SIGNATURE, REGISTRATION NUMBER, AND SEAL THIS 19TH DAY OF JUNE, 2015.

Marshall G. Wight
 MARSHALL G. WIGHT, P.L.S. #L-5034



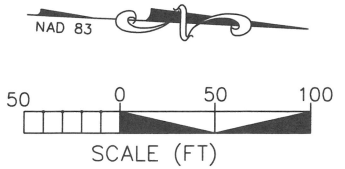
PROFILE SCALE
 HORIZONTAL: 1"=100'
 VERTICAL: 1"=10'

Revisions	
Date	Sheets



Wetland Crediting

Wetland Name	Credit Type	Acreage	Ratio	WMU
JDW1a	Enhancement	0.42	2:1	0.21
JDW1b	Enhancement	1.01	2:1	0.51
JDW2	Enhancement	0.51	2:1	0.25
R1a	Restoration	0.06	1:1	0.06
R1b	Restoration	0.15	1:1	0.15
R2	Restoration	1.22	1:1	1.22
R3	Restoration	0.18	1:1	0.18
R4	See Sht 11	-	-	-
Sheet Subtotal				2.58



Michael Baker Engineering Inc.
NC Engineering License F-1084
797 Haywood Road, Suite 201
Asheville, North Carolina 28806
Phone: 828.350.1408
Fax: 828.350.1409

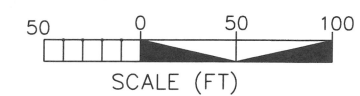
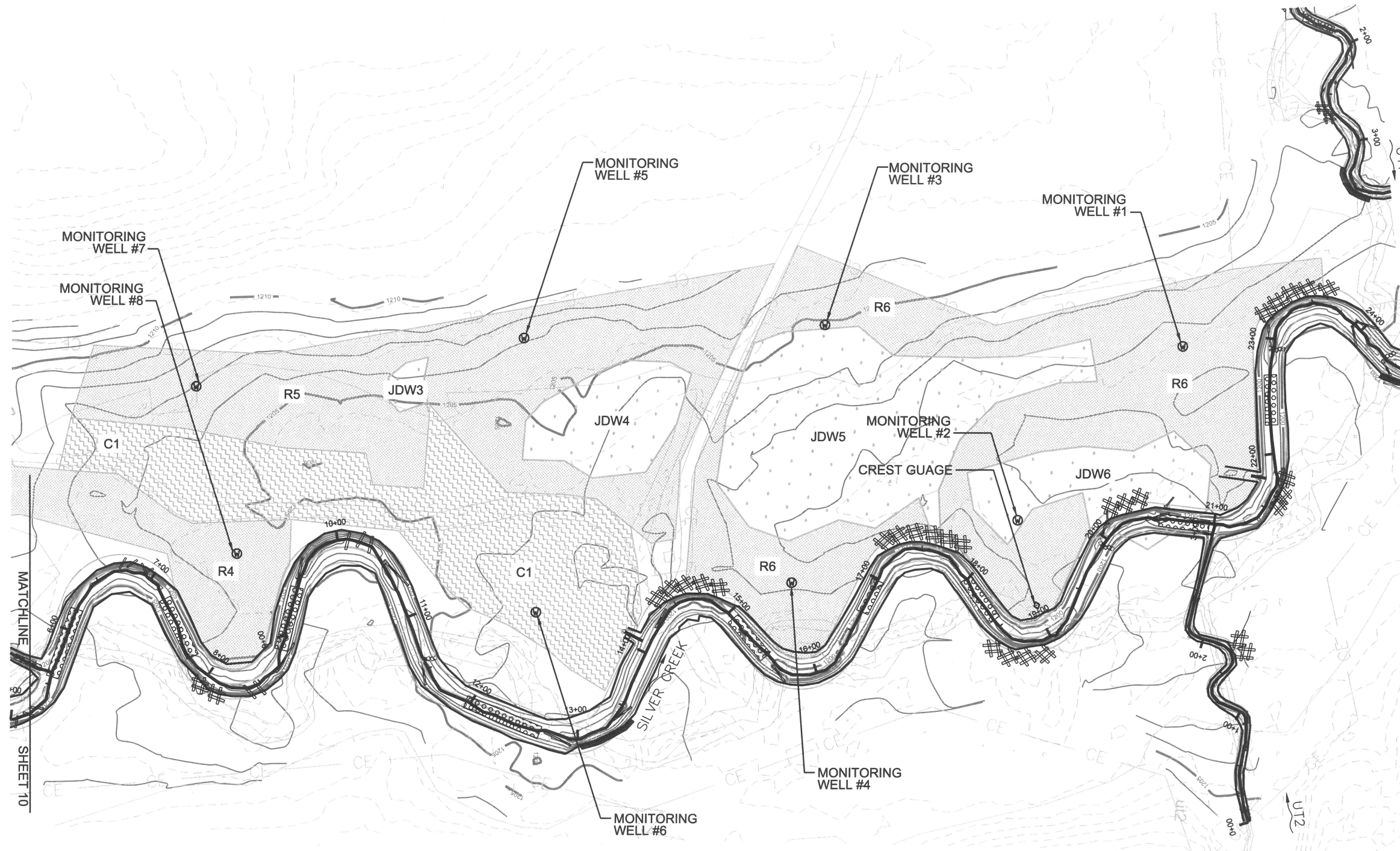
Michael Baker
INTERNATIONAL

UPPER SILVER CREEK STREAM AND WETLAND
RESTORATION PROJECT, OPTION C
BURKE COUNTY, NC
WETLANDS
AS-BUILT PLAN

Prepared for:
NCDENR
DIVISION OF MITIGATION SERVICES
1652 MAIL SERVICE CENTER
RALEIGH, NC 27699-1652

Revisions	
Date	Sheets

Project No. 120598
Date:
DESIGNED:
DRAWN:
CHECKED:
Sheet: 10 of 11



Wetland Crediting

Wetland Name	Credit Type	Acreage	Ratio	WMU
JDW3	Enhancement	0.03	2:1	0.02
JDW4	Enhancement	0.24	2:1	0.12
JDW5	Enhancement	0.81	2:1	0.40
JDW6	Enhancement	0.25	2:1	0.13
R4	Restoration	0.44	1:1	0.44
R5	Restoration	1.29	1:1	1.29
R6	Restoration	1.54	1:1	1.54
C1	Creation	0.99	3:1	0.33
Sheet Subtotal				4.27
Project Total				6.85



Michael Baker Engineering Inc.
 NC Engineering License F-1084
 797 Haywood Road, Suite 201
 Asheville, North Carolina 28806
 Phone: 828.350.1408
 Fax: 828.350.1409

Michael Baker
 INTERNATIONAL

UPPER SILVER CREEK STREAM AND WETLAND
 RESTORATION PROJECT, OPTION C
 BURKE COUNTY, NC
 WETLANDS
 AS-BUILT PLAN

Prepared for:
 NCDENR
 DIVISION OF MITIGATION SERVICES
 1652 MAIL SERVICE CENTER
 RALEIGH, NC 27689-1652

Revisions	
Date	Sheets

Project No. 120598
 Date:
 DESIGNED:
 DRAWN:
 CHECKED: