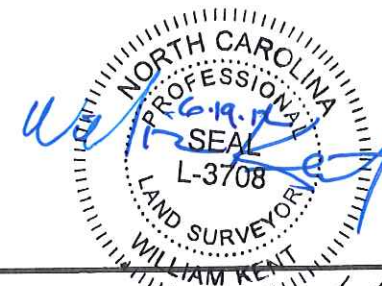


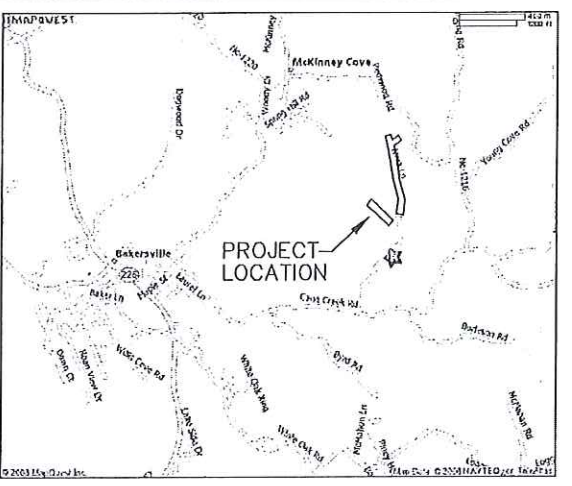
NC Ecosystem Enhancement Program

Elk Branch Restoration Project

Bakersville, North Carolina
EEP Project Number D06125-B



Michael Baker Engineering Inc.
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VICINITY MAP
NOT TO SCALE

INDEX OF SHEETS

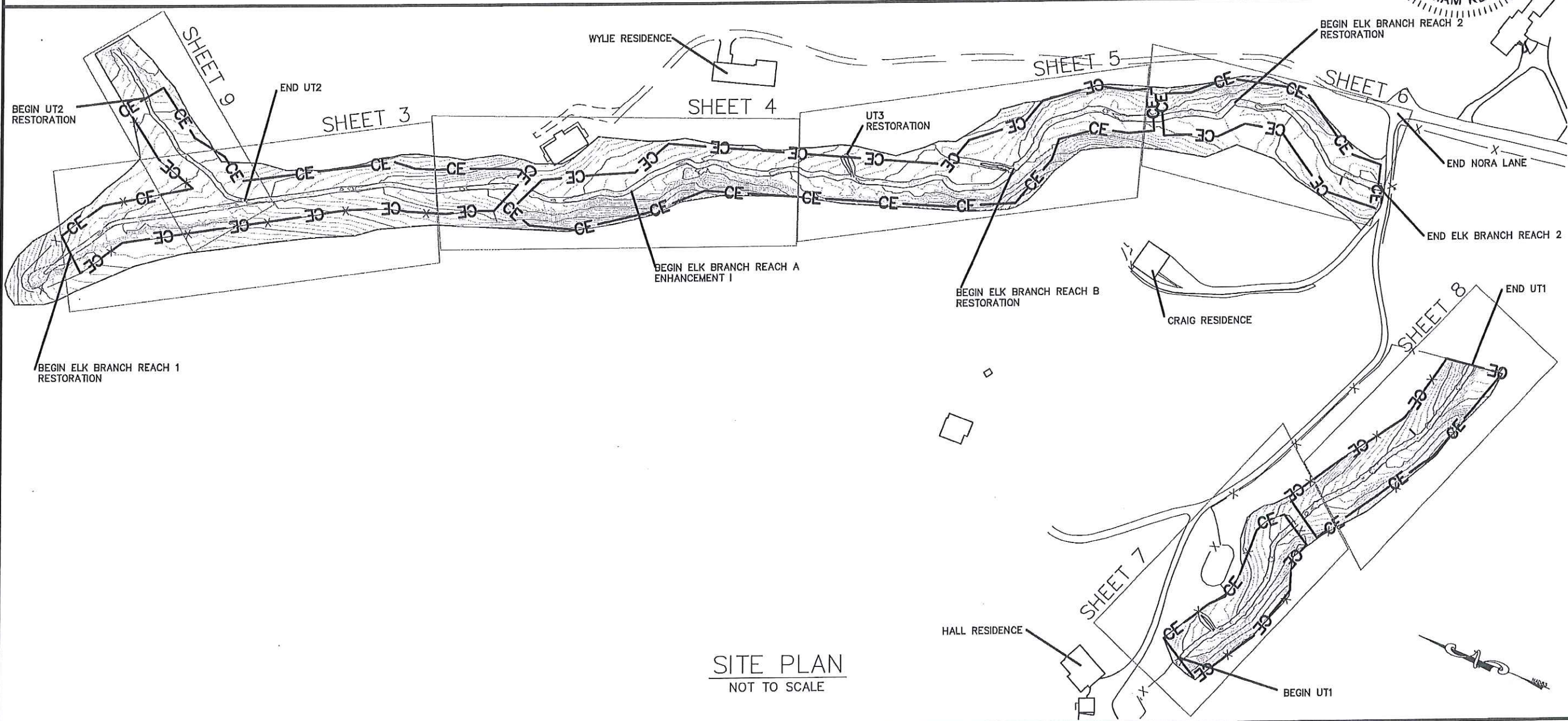
1	Title Sheet
2	Legend and Notes
3-9	Asbuilt Plan/Profile
10-11	Cross Sections

Datum Description:
North Carolina grid coordinates (NAD 83) for primary GPS derived control points were established by Webb A. Morgan & Associates, P.A., Asheville, NC.

Supplemental control points (NAD83) utilized for this survey were established by Michael Baker Engineering using conventional methods.

CONTROL POINTS

POINT	NORTHING	EASTING	ELEVATION
GPS9	839920.89	1073003.55	2575.92
GPS10	840520.14	1072971.89	2590.94
TBM1000	842064.14	1072583.04	2614.16
TBM1001	842572.28	1072367.48	2632.14
TBM1004	841860.85	1072712.60	2613.09
TBM1016	842763.37	1072416.62	2637.13
TBM1017	840952.93	1072161.40	2607.41
TBM1018	841454.69	1072815.51	2598.71
TBM1019	841095.18	1072902.63	2588.15
TBM1020	840747.68	1072505.58	2590.17

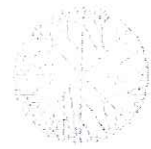


SITE PLAN
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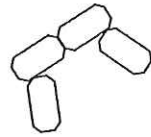
ELK BRANCH RESTORATION PROJECT
BAKERSVILLE, NORTH CAROLINA
ELK BRANCH ASBUILT

Prepared for:
Ecosystem Enhancement Program
2728 Capitol Blvd., Suite 1H 103
Raleigh, NC 27604
Phone: 919-715-0476
Fax: 919-715-2219

Project No.	111085
Date:	3/12/12
File Name	ElkAsbuiltBase.dwg
DESIGNED:	JEM
DRAWN:	MDR
APPROVED:	MC
Drawing No.	1 of 11



UNDISTURBED
LARGE TREE



BOULDER STEP



LOG DROP



EXISTING UTILITY
POLE



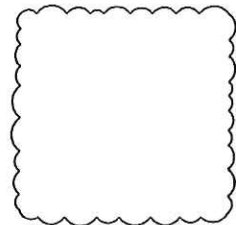
CONTROL POINT



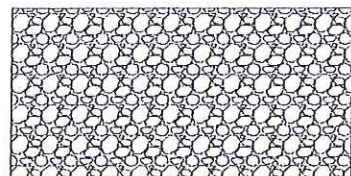
PHOTO POINT



CREST GAGE



VEGETATION
PLOT



CONSTRUCTED
STREAM CROSSING



CONSERVATION EASEMENT



CONSTRUCTED THALWEG



TOP OF BANK



CHANNEL



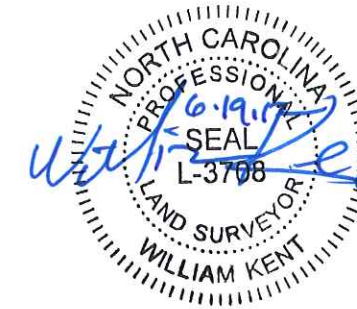
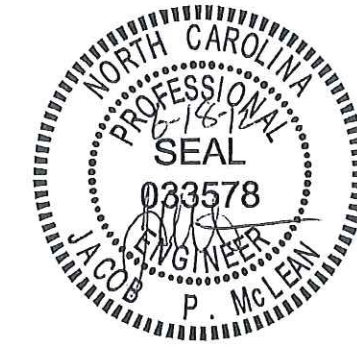
FENCE



CONTOUR-INDEX (5')



CONTOUR-INTERMEDIATE (1')



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ELK BRANCH RESTORATION PROJECT
BAKERSVILLE, NORTH CAROLINA
ASBUILT SYMBOLS

Prepared for:
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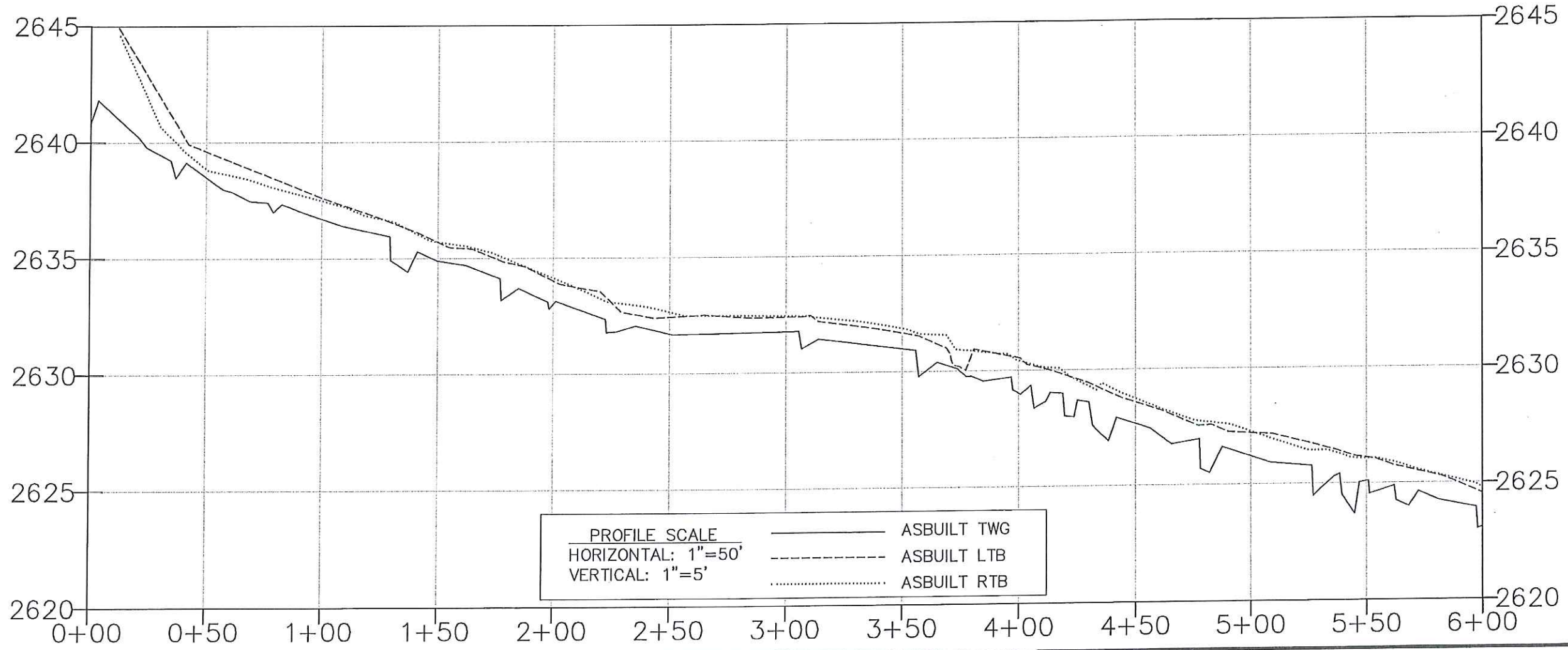
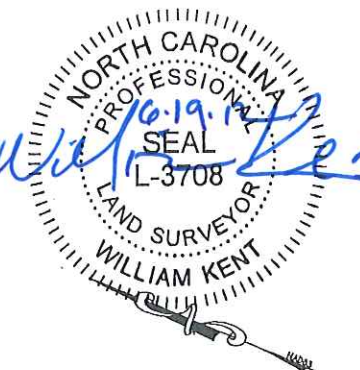
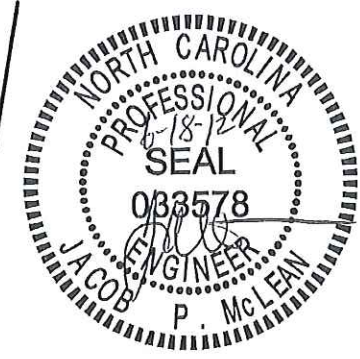
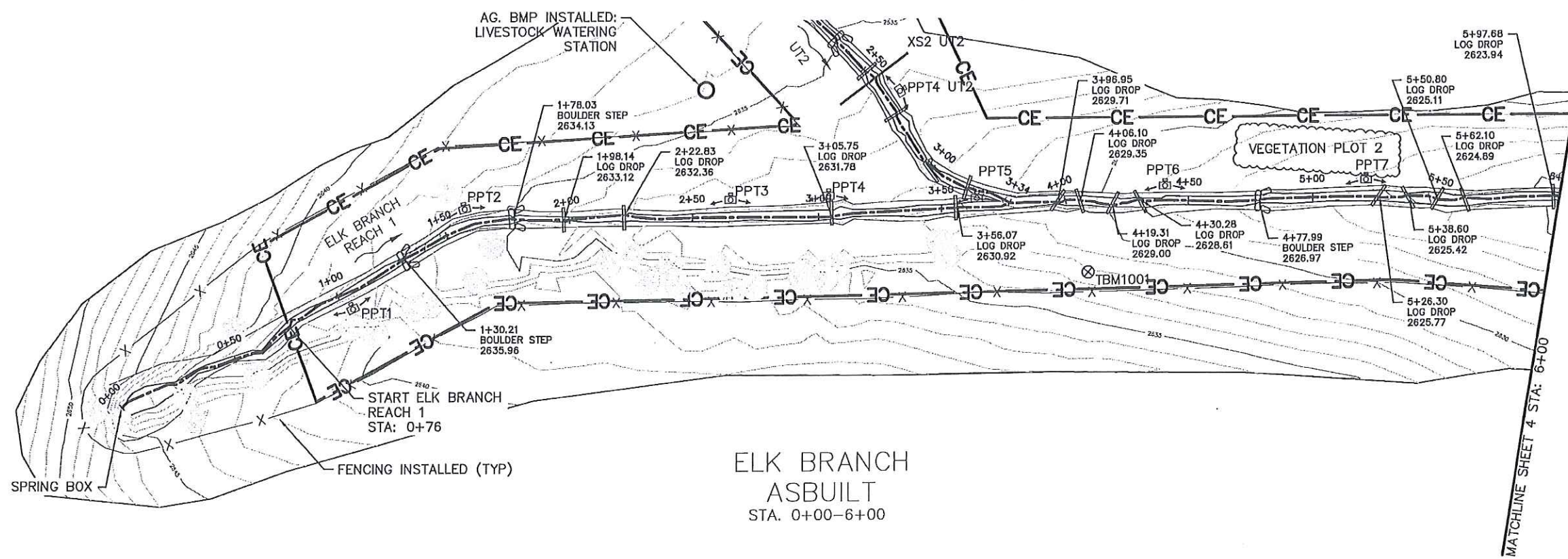
Project No.
111085

Date:
3/12/12

File Name
ElkAsbuiltBase.dwg

DESIGNED: JEM
DRAWN: MDR
APPROVED: MC

Drawing No.
2 of 11



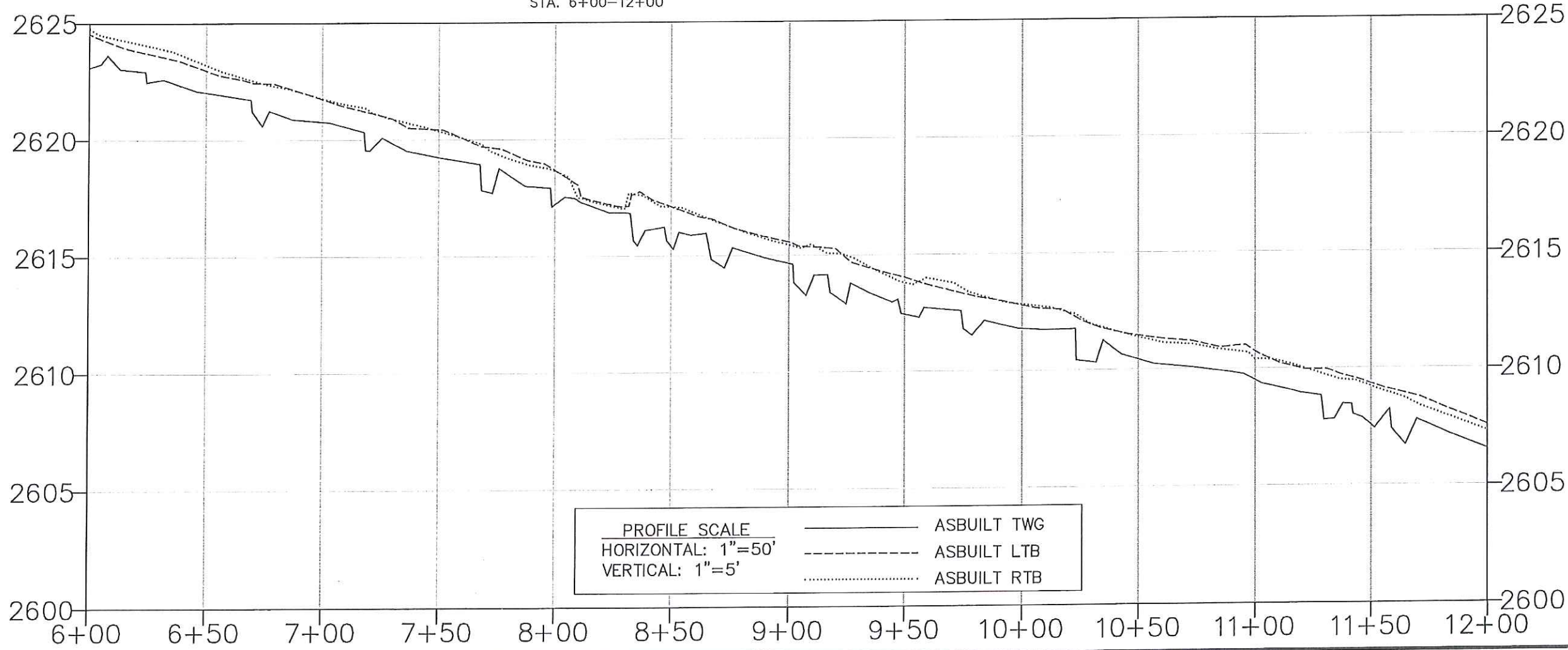
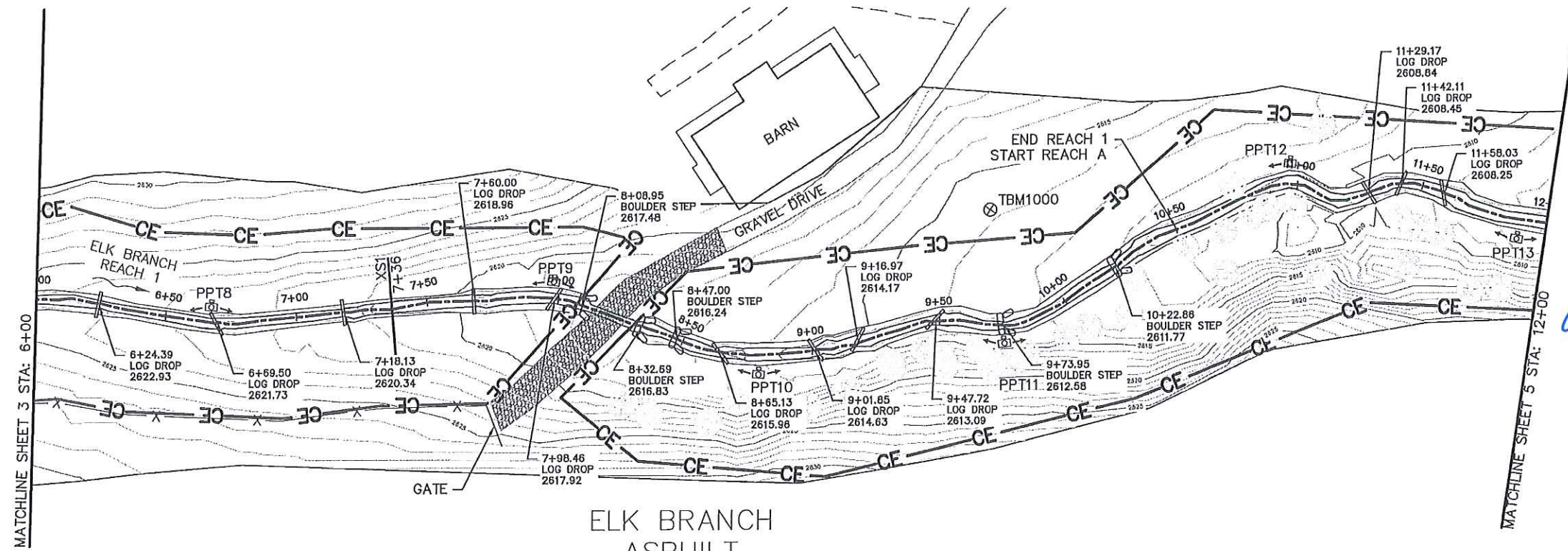
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ELK BRANCH RESTORATION PROJECT
BAKERSVILLE, NORTH CAROLINA
ELK BRANCH ASBUILT
PLAN/PROFILE

Prepared for:
Ecosystem Enhancement Program
2728 Capitol Blvd, Suite 1H 103
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Project No.	111085
Date:	3/12/12
File Name	ElkAsbuiltBase.dwg
DESIGNED:	JEM
DRAWN:	MDR
APPROVED:	MC
Drawing No.	3 of 11



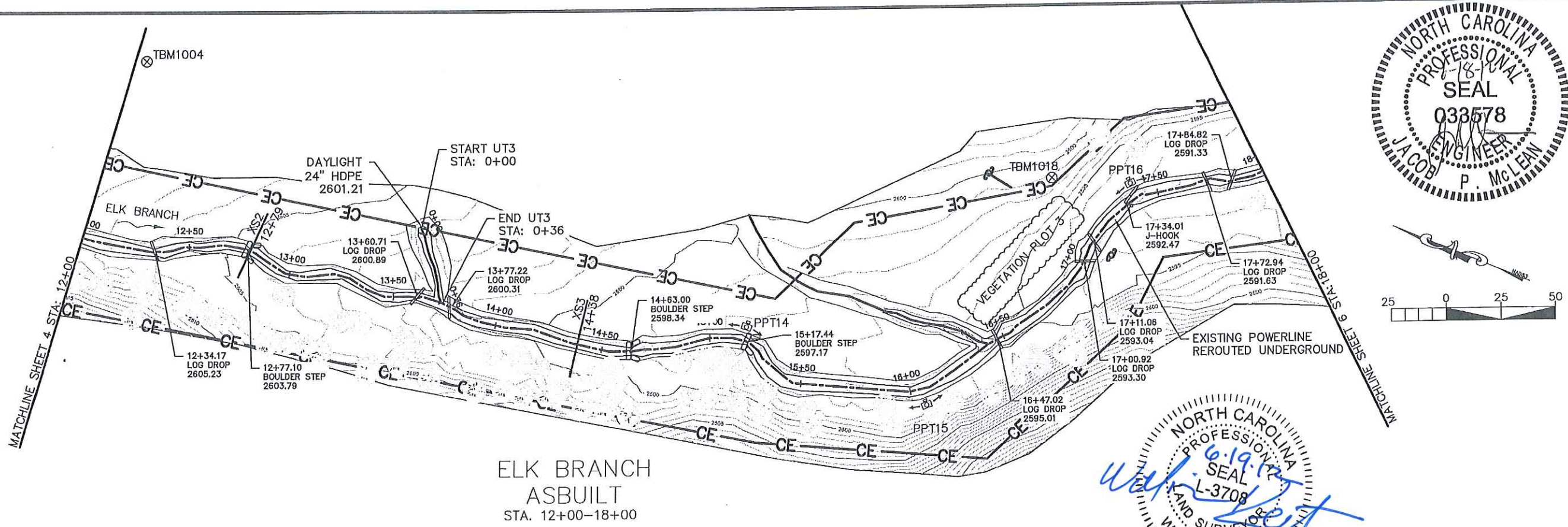
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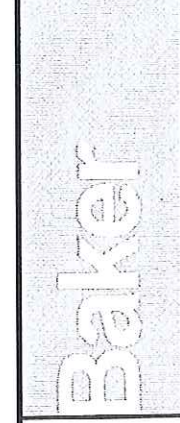
ELK BRANCH RESTORATION PROJECT
BAKERSVILLE, NORTH CAROLINA
ELK BRANCH ASBUILT
PLAN/PROFILE

Prepared for:
Ecosystem Enhancement Program
2728 Capitol Blvd., Suite 1H 103
Raleigh, NC 27604
Phone: 919-715-0476
Fax: 919-715-2219

Project No.	111085
Date:	3/12/12
File Name	ElkAsbultBase.dwg
DESIGNED:	JPM
DRAWN:	MDR
APPROVED:	MC
Drawing No.	4 of 11



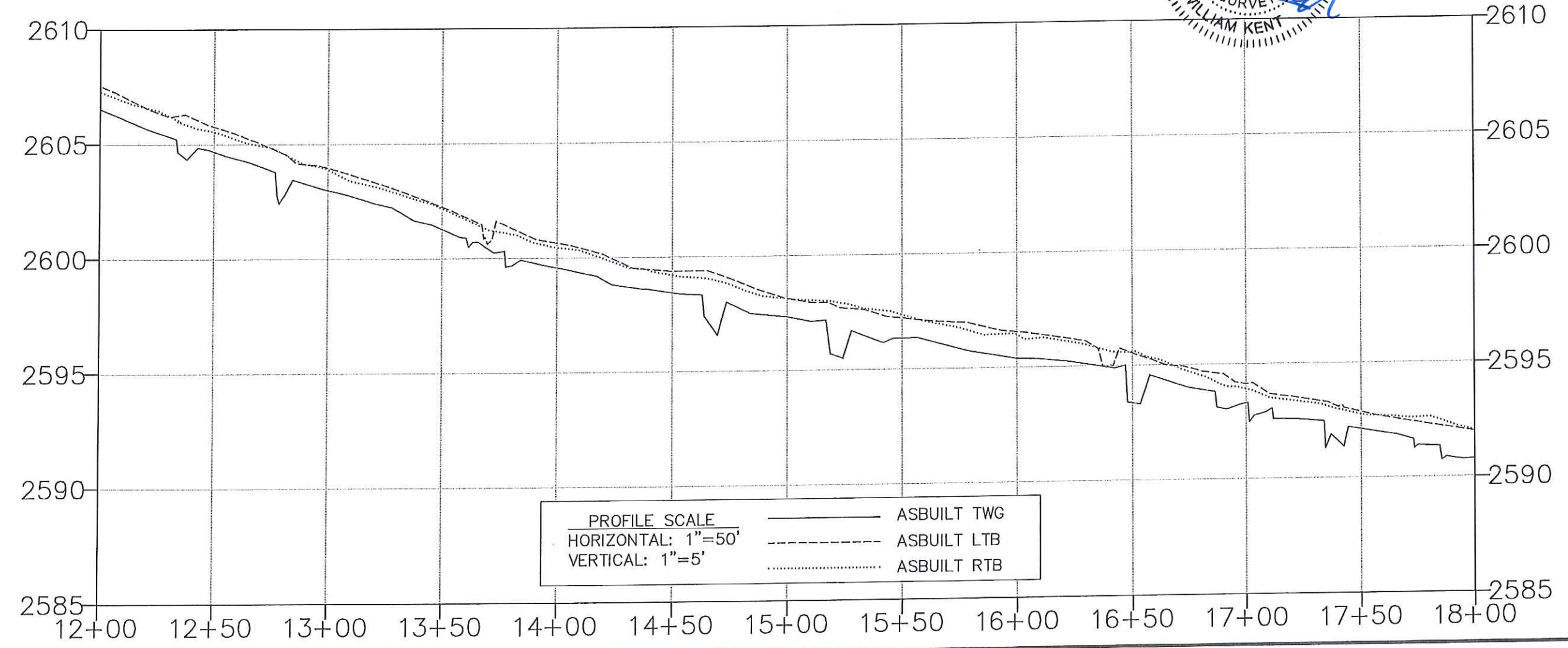
Michael Baker Engineering Inc.
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797 Haywood Road, Suite 201
Asheville, North Carolina 28806
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Fax: 828.350.1409

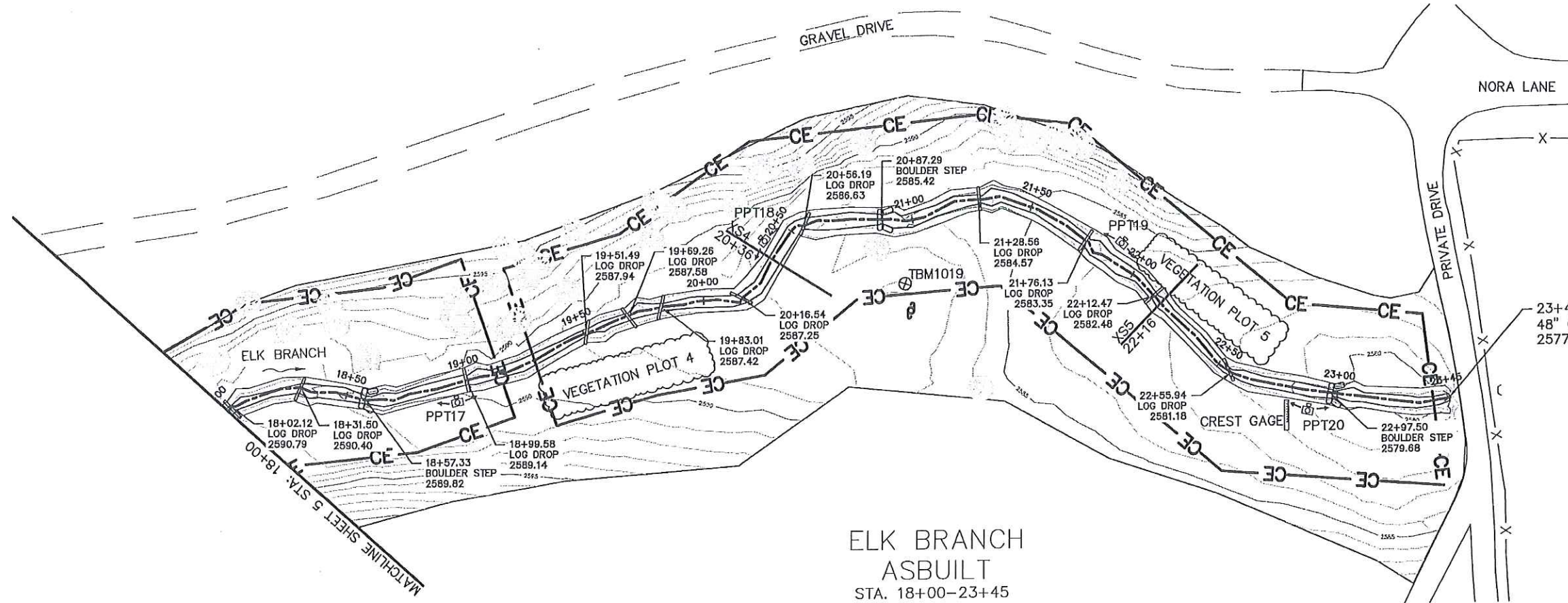


ELK BRANCH RESTORATION PROJECT
BAKERSVILLE, NORTH CAROLINA
ELK BRANCH ASBUILT
PLAN/PROFILE

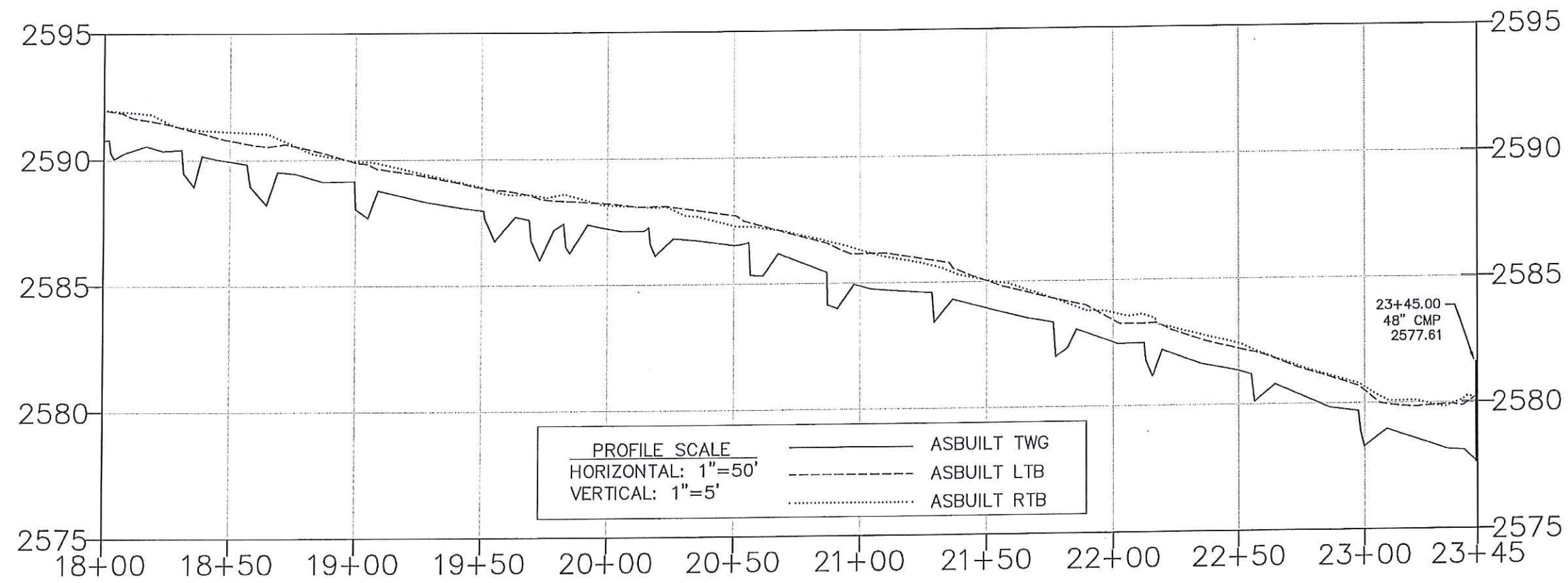
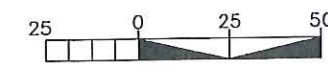
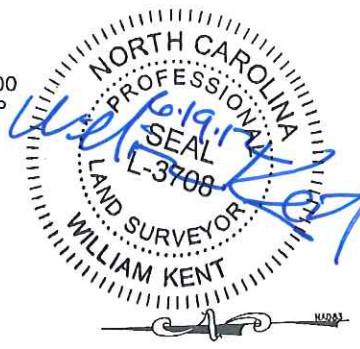
Prepared for:
Ecosystem Enhancement Program
2728 Capitol Blvd, Suite 1103
Raleigh, NC 27604
Phone: 919-715-0476
Fax: 919-715-2219

Project No.	111085
Date:	3/12/12
File Name	ElkAsbuiltBase.dwg
DESIGNED:	JPM
DRAWN:	MDR
APPROVED:	MC
Drawing No.	5 of 11





ELK BRANCH
ASBUILT
STA. 18+00-23+45



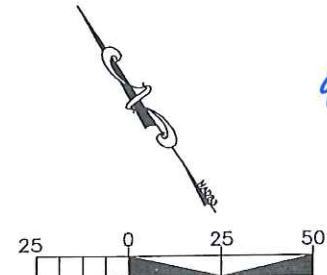
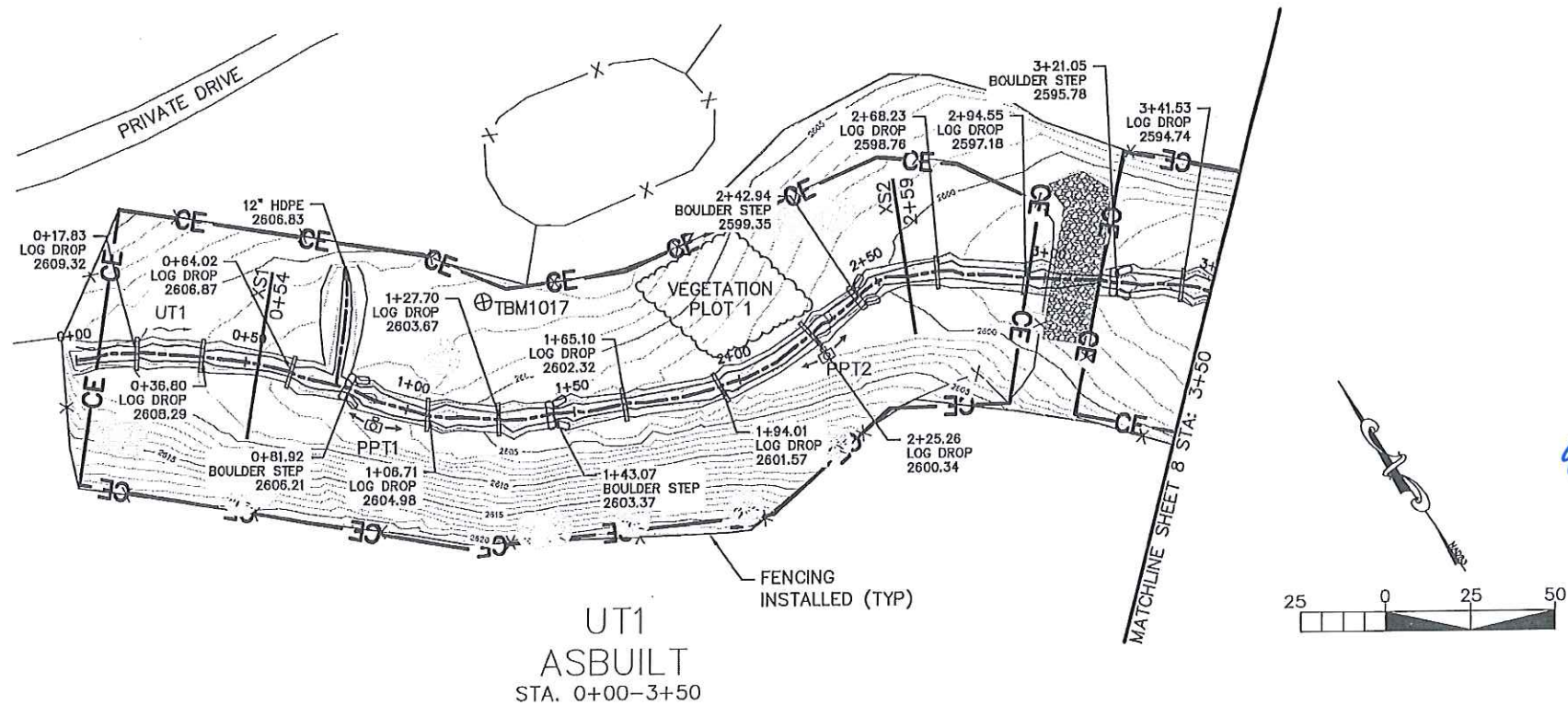
Michael Baker Engineering Inc.
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Asheville, North Carolina 28806
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Baker

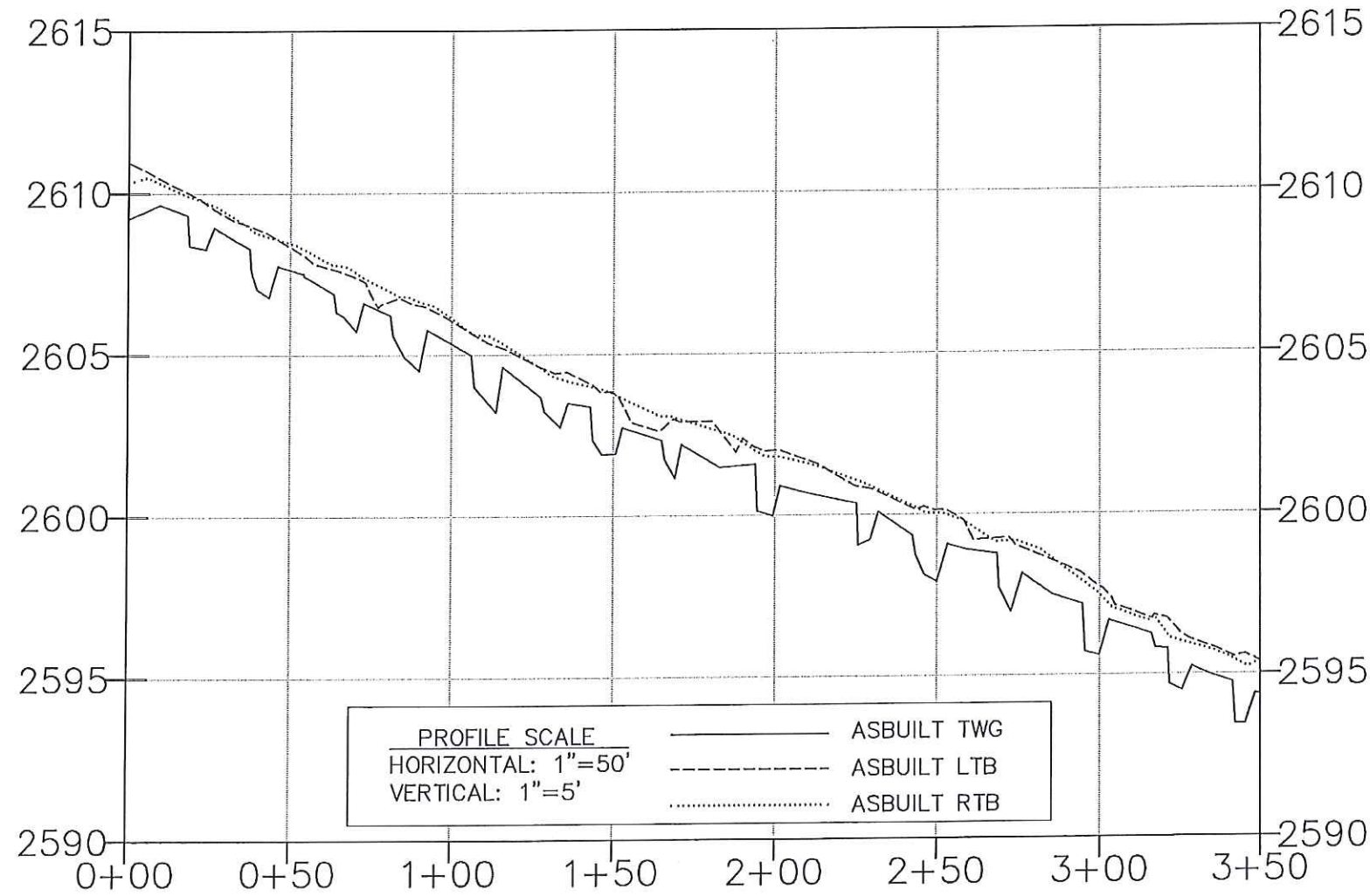
ELK BRANCH RESTORATION PROJECT
BAKERSVILLE, NORTH CAROLINA
ELK BRANCH ASBUILT
PLAN/PROFILE

Prepared for:
Ecosystem Enhancement Program
2728 Capital Blvd., Suite 1103
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Project No.
111085
Date:
3/12/12
File Name
ElkAsbuiltBase.dwg
DESIGNED: JPM
DRAWN: MDR
APPROVED: MC
Drawing No.
6 of 11



UT1
ASBUILT
STA. 0+00-3+50



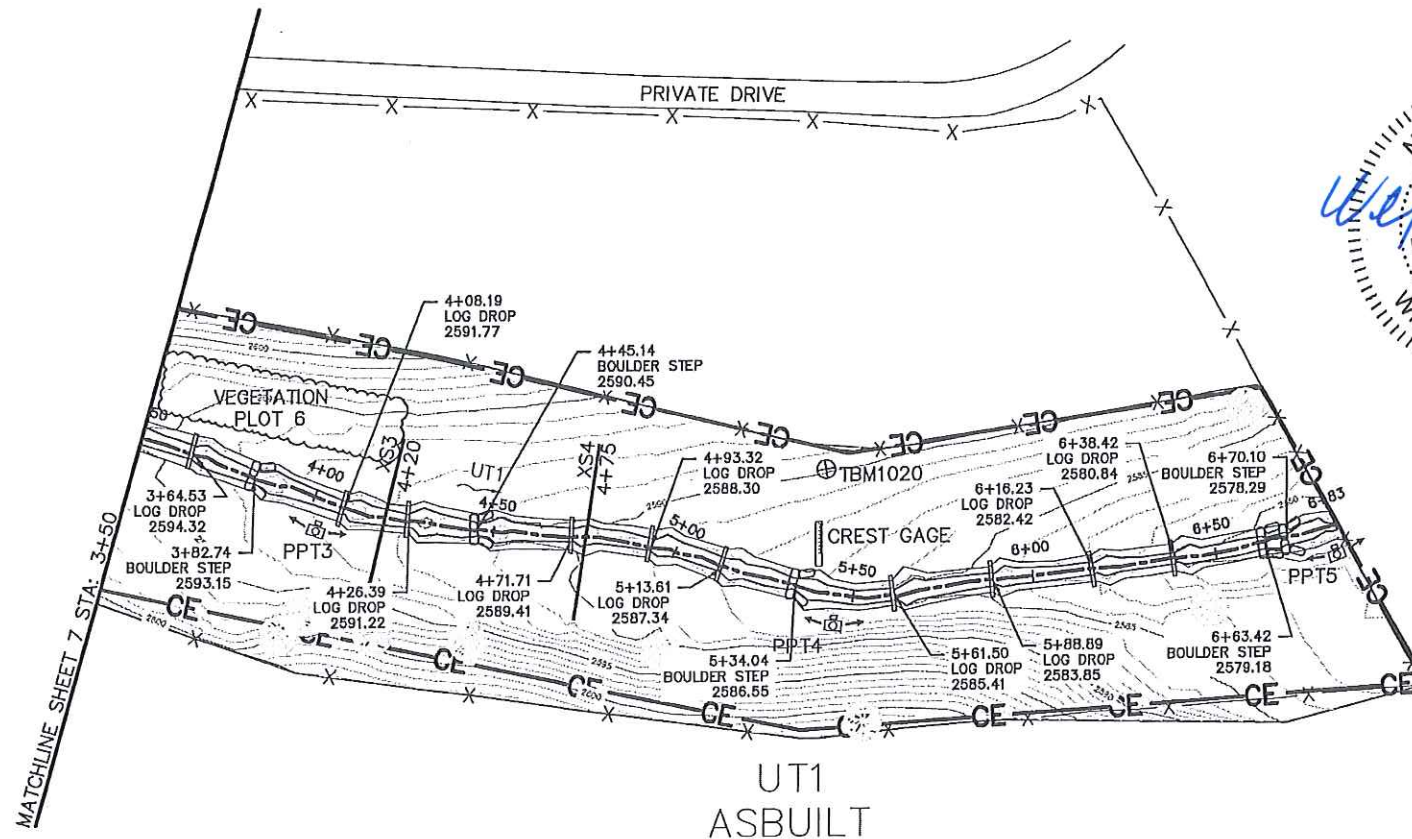
Michael Baker Engineering Inc.
NC Engineering License F-1084
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Asheville, North Carolina 28806
Phone: 828.350.1408
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Baker

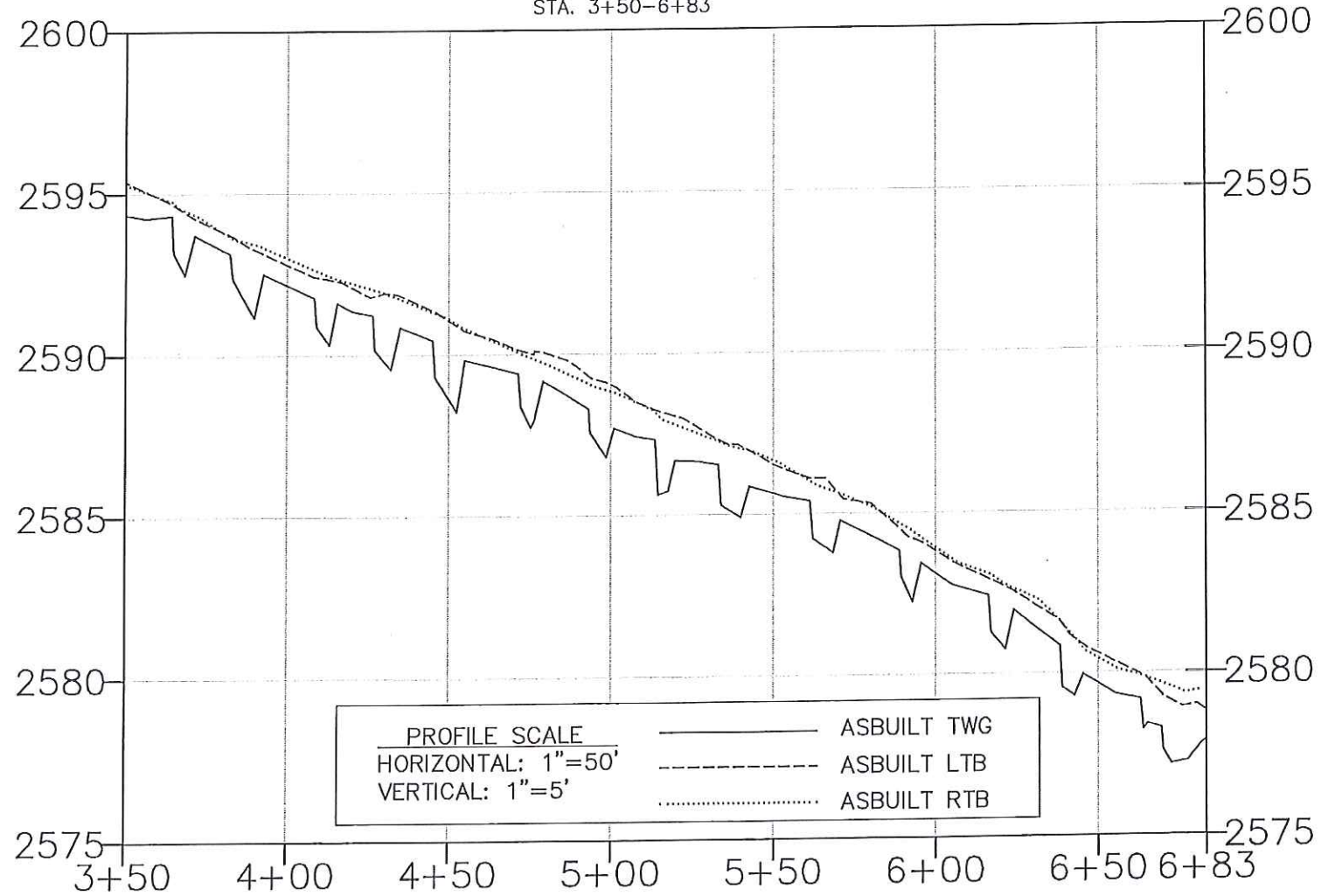
ELK BRANCH RESTORATION PROJECT
BAKERSVILLE, NORTH CAROLINA
UT1 ASBUILT
PLAN/PROFILE

Prepared for:
Ecosystem Enhancement Program
2728 Capitol Blvd, Suite 1H 103
Raleigh, NC 27604
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Fax: 919-715-2219

Project No.	111085
Date:	3/12/12
File Name	ElkAsbuiltBase.dwg
DESIGNED:	JPM
DRAWN:	MOR
APPROVED:	MC
Drawing No.	7 of 11



UT1
ASBUILT
STA. 3+50-6+83



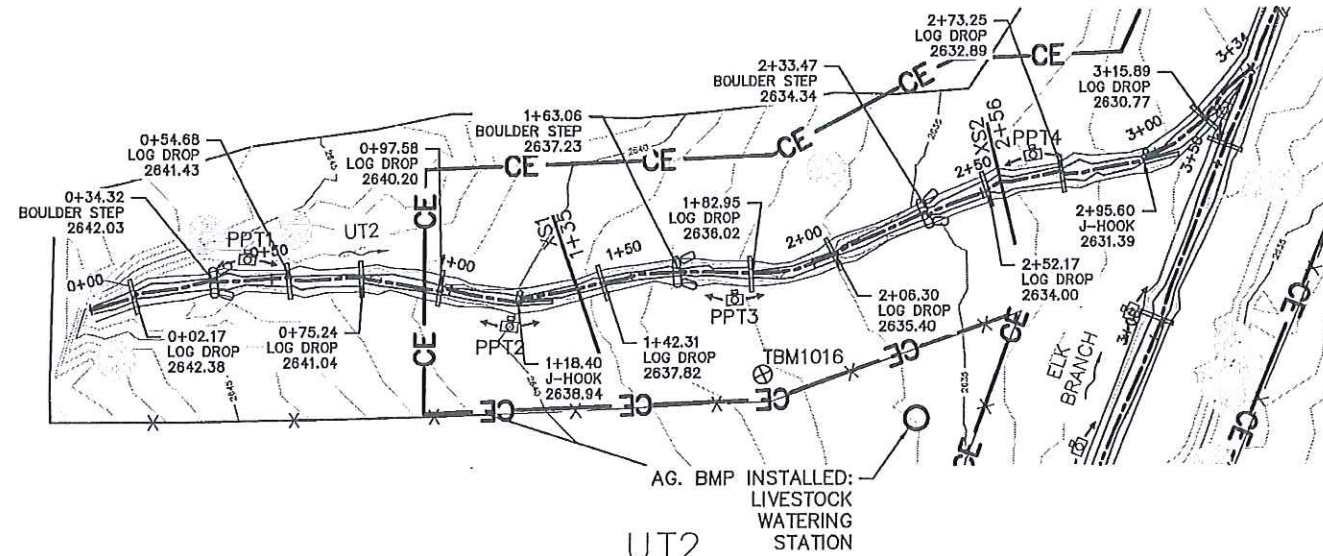
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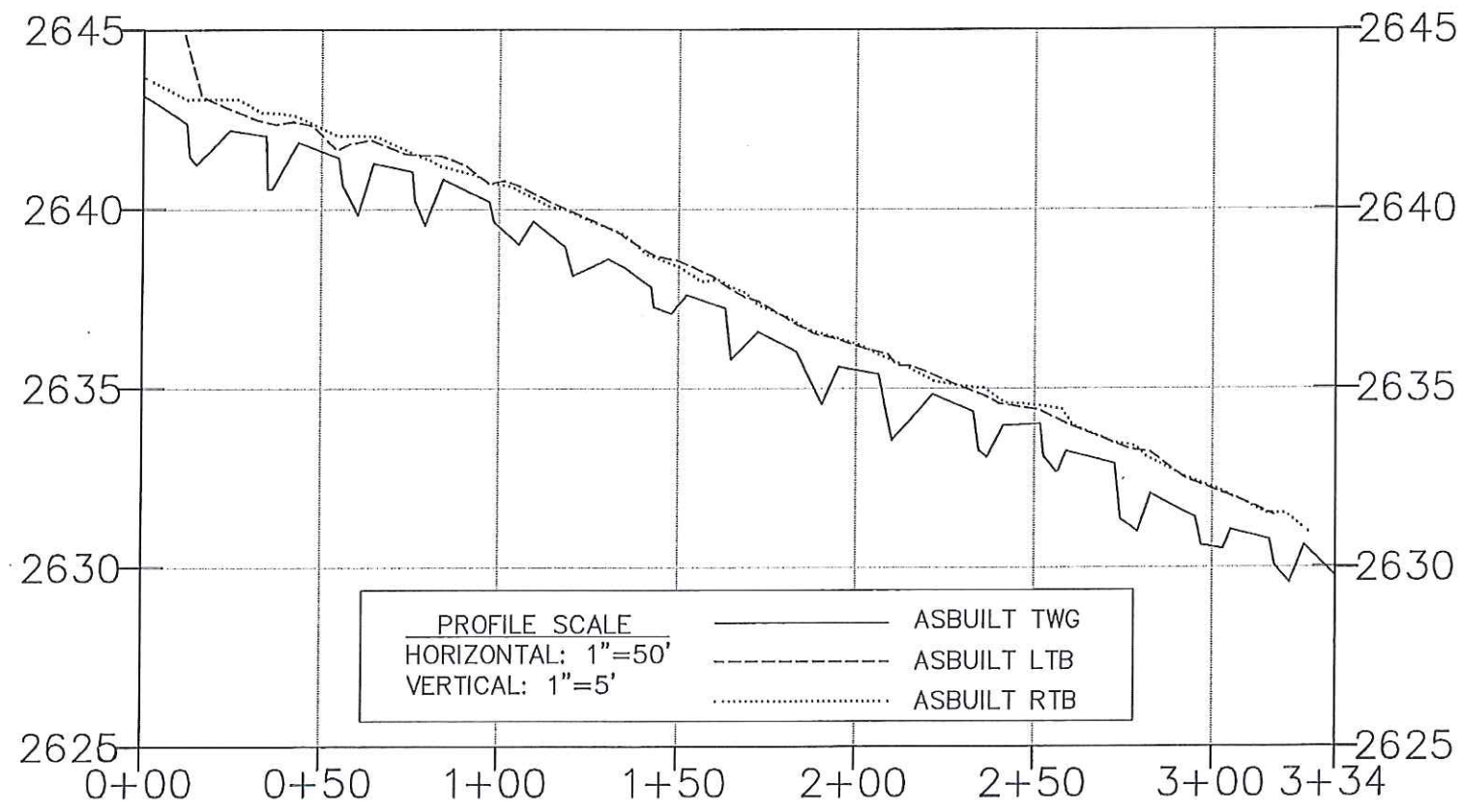
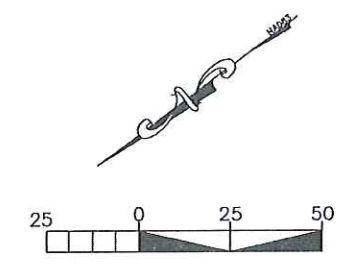
ELK BRANCH RESTORATION PROJECT
BAKERSVILLE, NORTH CAROLINA
UT1 ASBUILT
PLAN/PROFILE

Prepared for:
Ecosystem Enhancement Program
2728 Capitol Blvd, Suite 11103
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Phone: 919-715-0476
Fax: 919-715-2219

Project No.	111085
Date:	3/12/12
File Name	ElkAsbuiltBase.dwg
DESIGNED:	JPM
DRAWN:	MDR
APPROVED:	MC
Drawing No.	8 of 11



UT2
ASBUILT
STA. 0+00-3+34



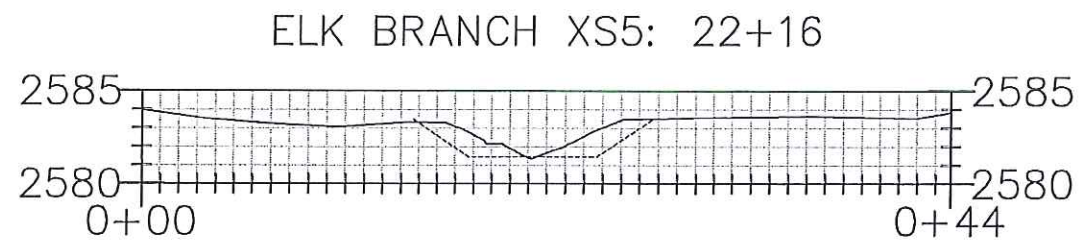
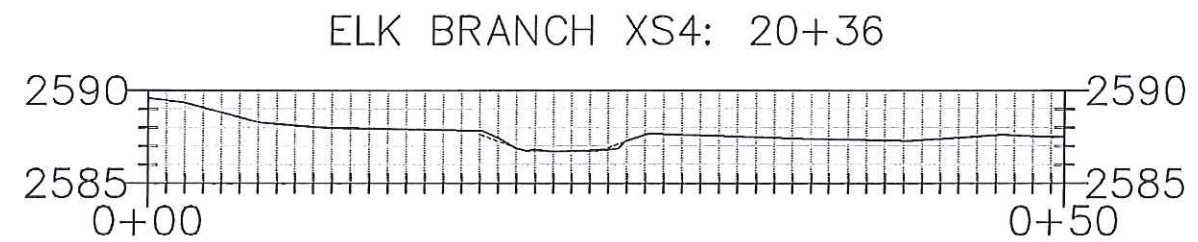
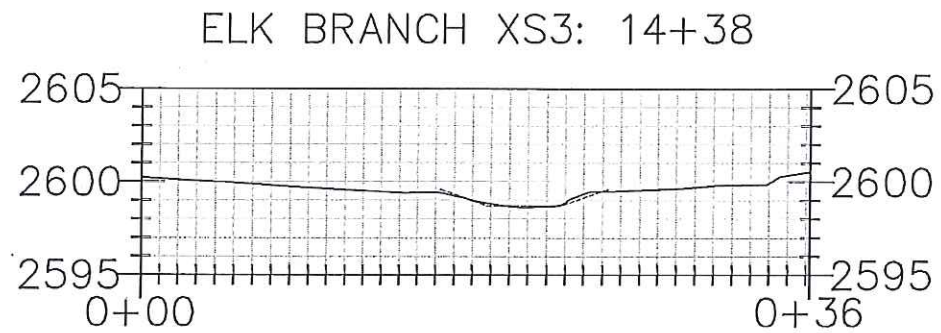
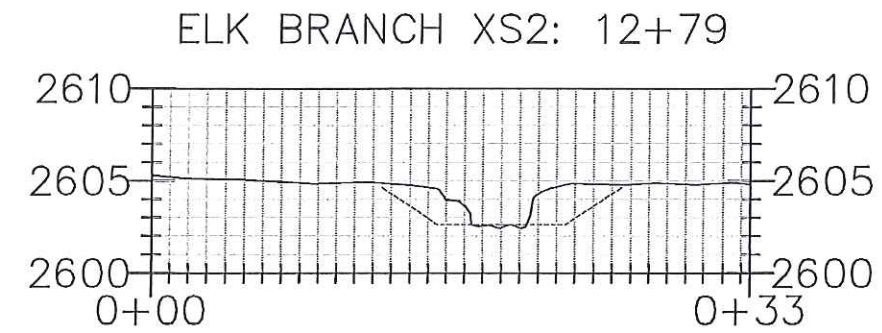
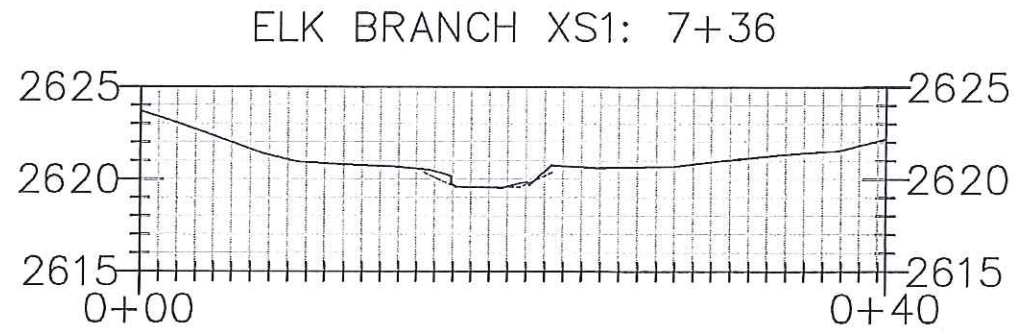
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ELK BRANCH RESTORATION PROJECT
BAKERSVILLE, NORTH CAROLINA
UT2 ASBUILT
PLAN/PROFILE

Prepared for:
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Project No.	111085
Date:	3/12/12
File Name	EIKAsbuiltBase.dwg
DESIGNED:	JPM
DRAWN:	MDR
APPROVED:	MC
Drawing No.	9 of 11



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ELK BRANCH RESTORATION PROJECT
 BAKERSVILLE, NORTH CAROLINA
 ELK BRANCH ASBUILT
 CROSS SECTIONS

Prepared for:
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 Fax: 919-715-2219

Project No.
 111085

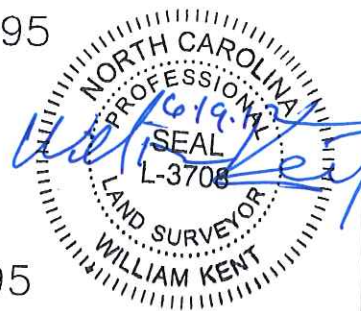
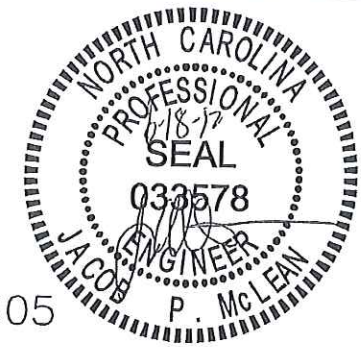
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File Name
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DESIGNED: JPM
 DRAWN: MDR
 APPROVED: MC

Drawing No.
 10 of 11

————— ASBUILT CROSS SECTION
 - - - - - DESIGN CROSS SECTION



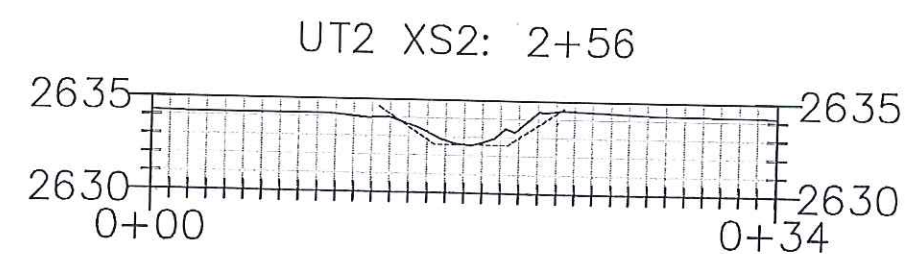
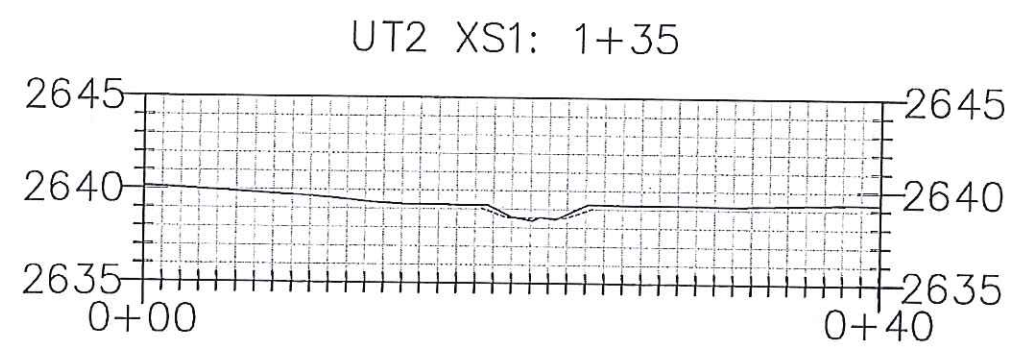
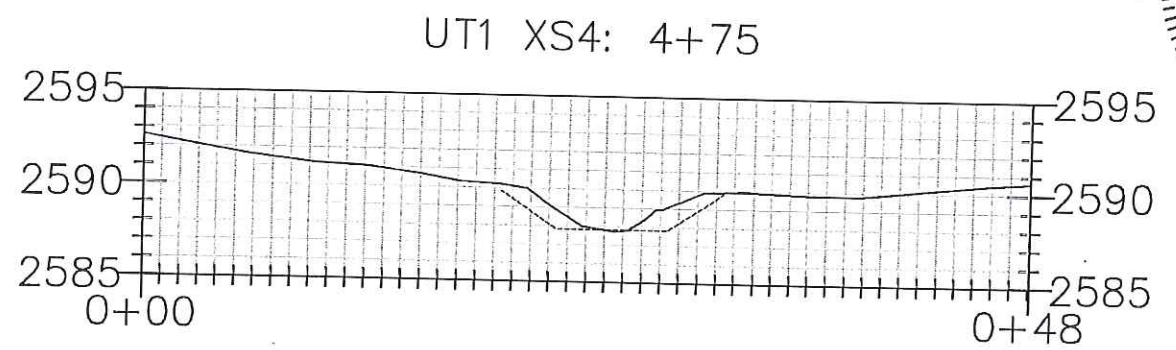
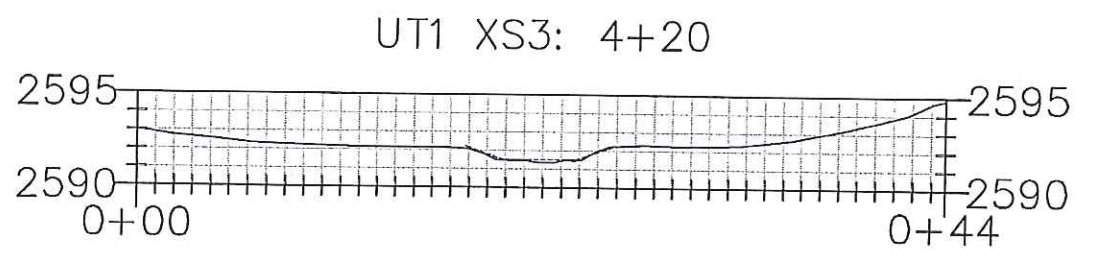
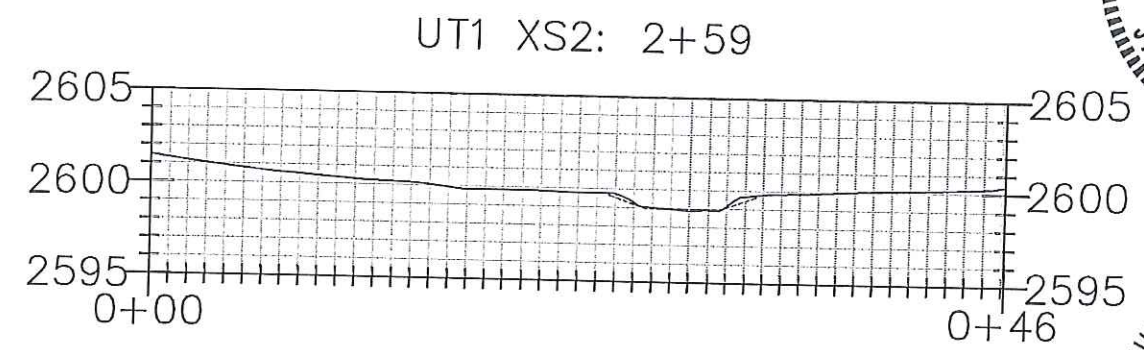
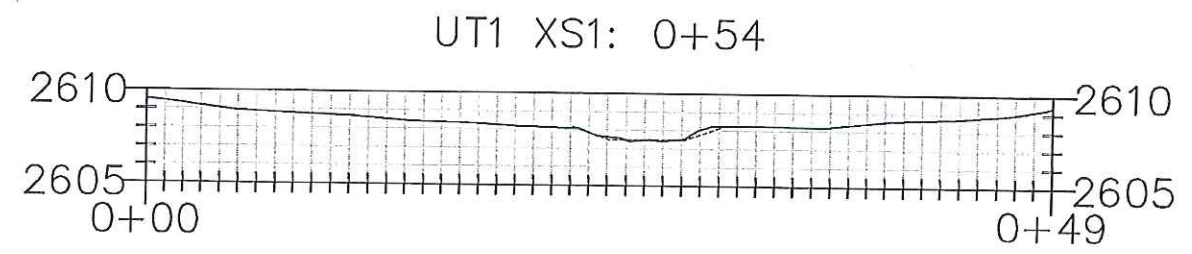
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ELK BRANCH RESTORATION PROJECT
 BAKERSVILLE, NORTH CAROLINA
 UT1 and UT2 ASBUILT
 CROSS SECTIONS

Prepared for:
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 Raleigh, NC 27604
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 Fax: 919-715-2219

Project No.	111085
Date:	3/12/12
File Name	ElkAsbuiltBase.dwg
DESIGNED:	JPM
DRAWN:	MDR
APPROVED:	MC
Drawing No.	11 of 11



———— ASBUILT CROSS SECTION
 - - - - - DESIGN CROSS SECTION