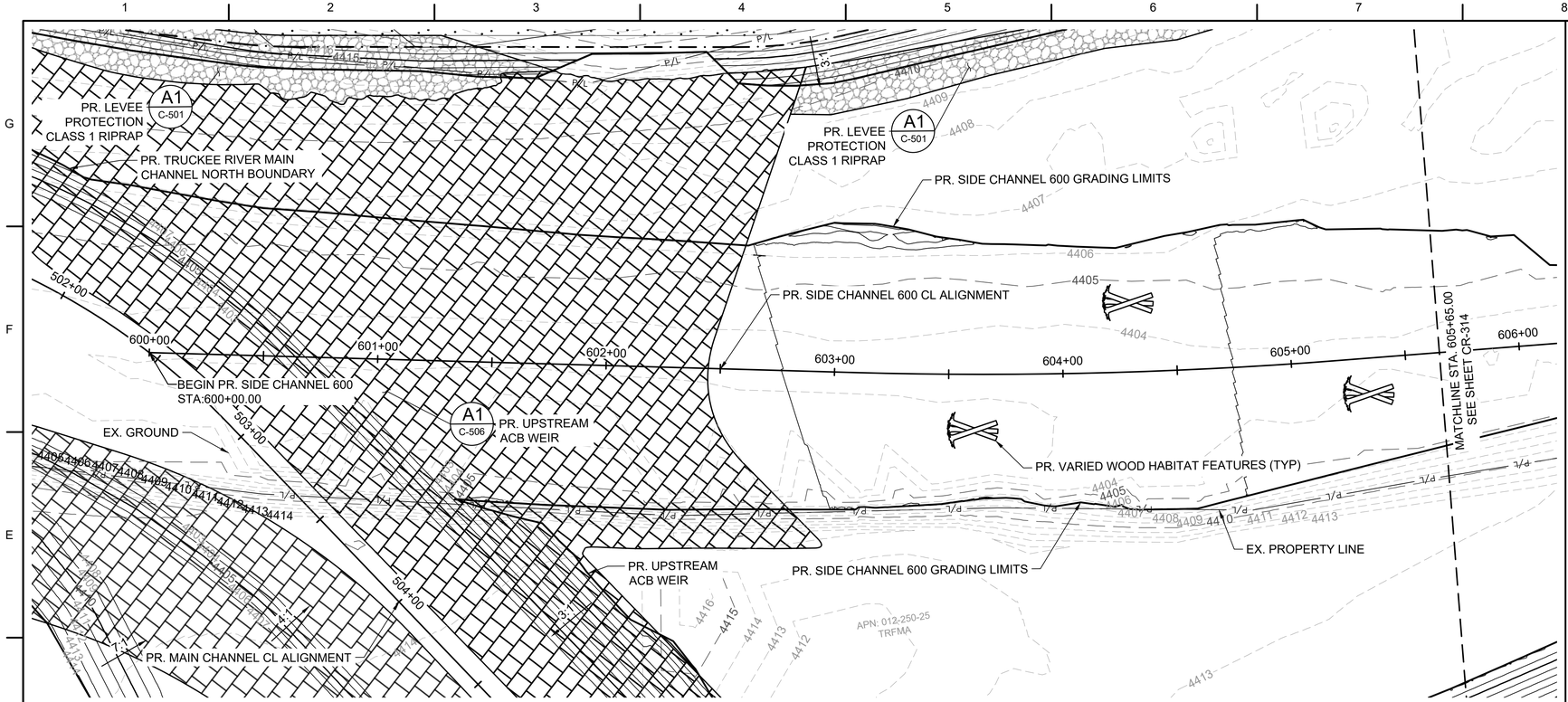
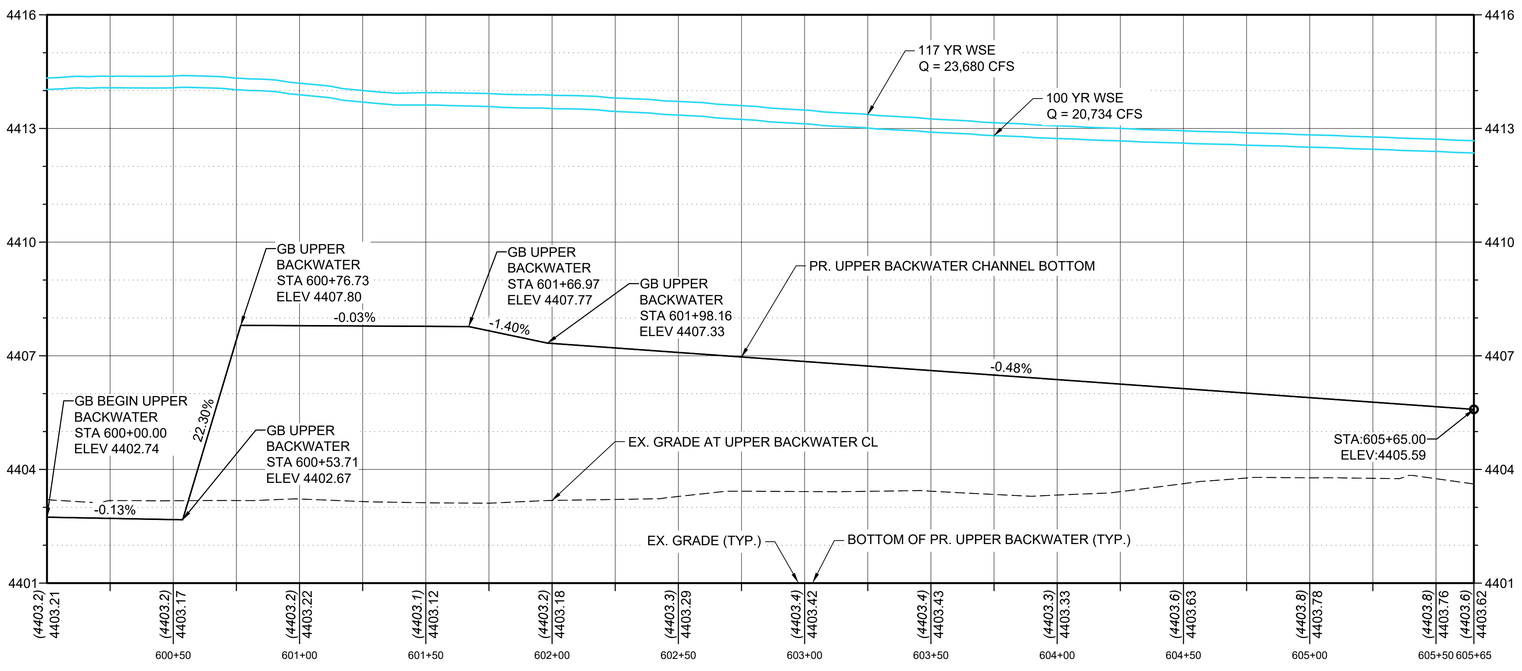


UPPER BACKWATER CL PLAN VIEW



UPPER BACKWATER CL PROFILE - STA. 600+00 TO 605+65
HORIZONTAL SCALE: 1:30
VERTICAL SCALE: 1:2

LEGEND

- EX. MAJOR CONTOURS (5')
- EX. MINOR CONTOURS (1')
- PR. MAJOR CONTOURS (5')
- PR. MINOR CONTOURS (1')
- EX. PROPERTY LINE
- PR. WATER SURFACE ELEVATION
- PR. LEVEE/BERM TOE AND TOP
- RIPRAP REVETMENT
- HABITAT BENCH
- PR. MULTI-USE PATH
- PR. ARMOR FLEX
- PR. GEOCELL

NOTE:
LOCATION AND TYPE OF REVETMENT FEATURES SHOWN ARE APPROXIMATE ONLY AND SUBJECT TO CHANGE.

J-U-B ENGINEERS, INC.
J-U-B ENGINEERS, INC.
5190 Neil Road
Suite 500
Reno, NV 89502
Phone: 775.852.1440
www.jub.com

PRELIMINARY PLANS

NOT FOR CONSTRUCTION

REUSE OF DRAWINGS
J-U-B SHALL RETAIN ALL COMMON LAW STATUTORY, COPYRIGHT AND OTHER RESERVED RIGHTS OF THESE DRAWINGS, AND THE SAME SHALL NOT BE REUSED WITHOUT J-U-B'S PRIOR WRITTEN CONSENT. ANY REUSE WITHOUT WRITTEN CONSENT BY J-U-B WILL BE AT CLIENTS SOLE RISK AND WITHOUT LIABILITY OR LEGAL EXPOSURE TO J-U-B.

NO.	DESCRIPTION	BY	APR.	DATE
	REVISION			

ROCK TO MCCARRAN REACH
TRUCKEE RIVER FLOOD MANAGEMENT AUTHORITY

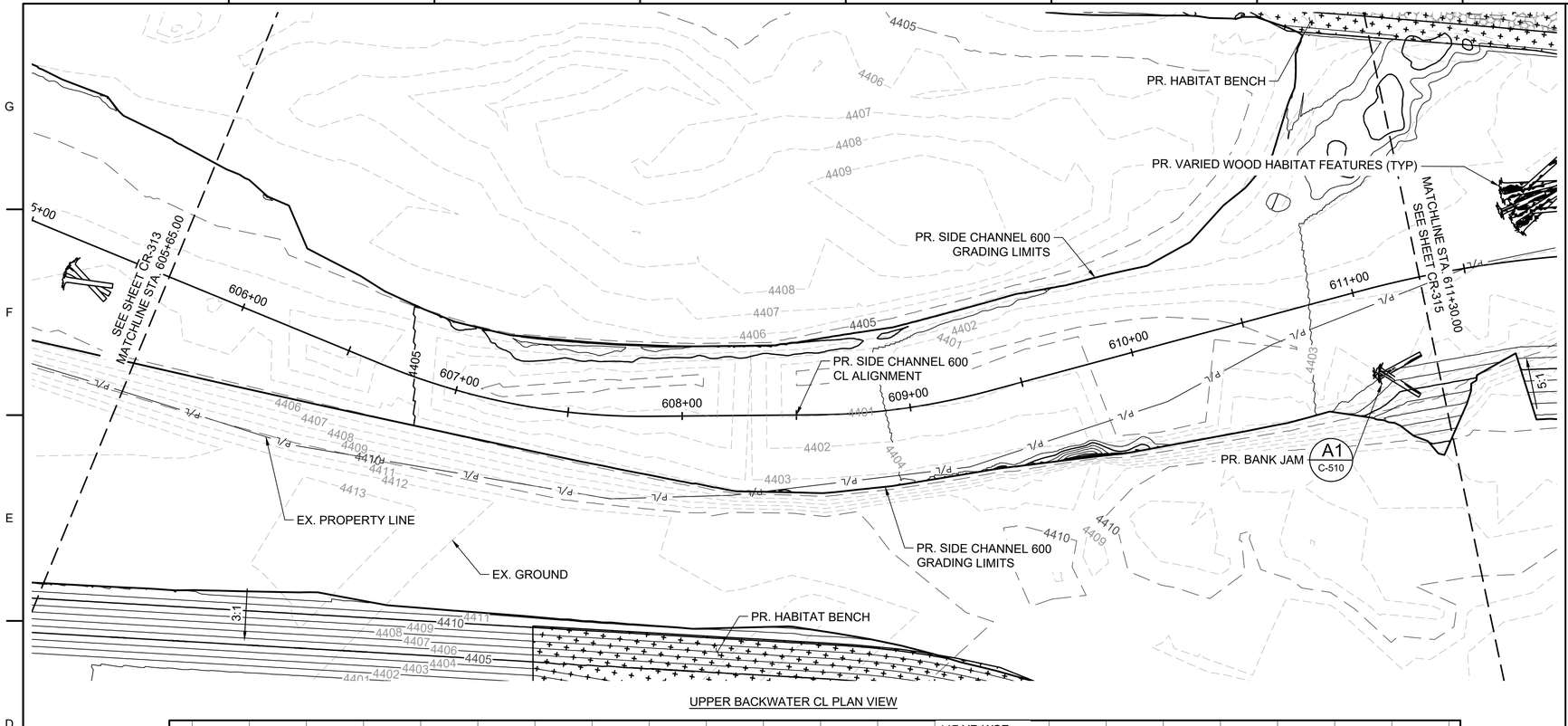
PLAN & PROFILE - TRUCKEE RIVER UPPER BACKWATER CHANNEL
STA. 600+00 TO 605+65

FILE : 49_24_009_CR_313X
JUB PROJ. # :49-24-009
DRAWN BY: MJK
DESIGN BY: JAW
CHECKED BY: SKD
ONE INCH
AT FULL SIZE, IF NOT ONE INCH, SCALE ACCORDINGLY
LAST UPDATED: 4/30/2026

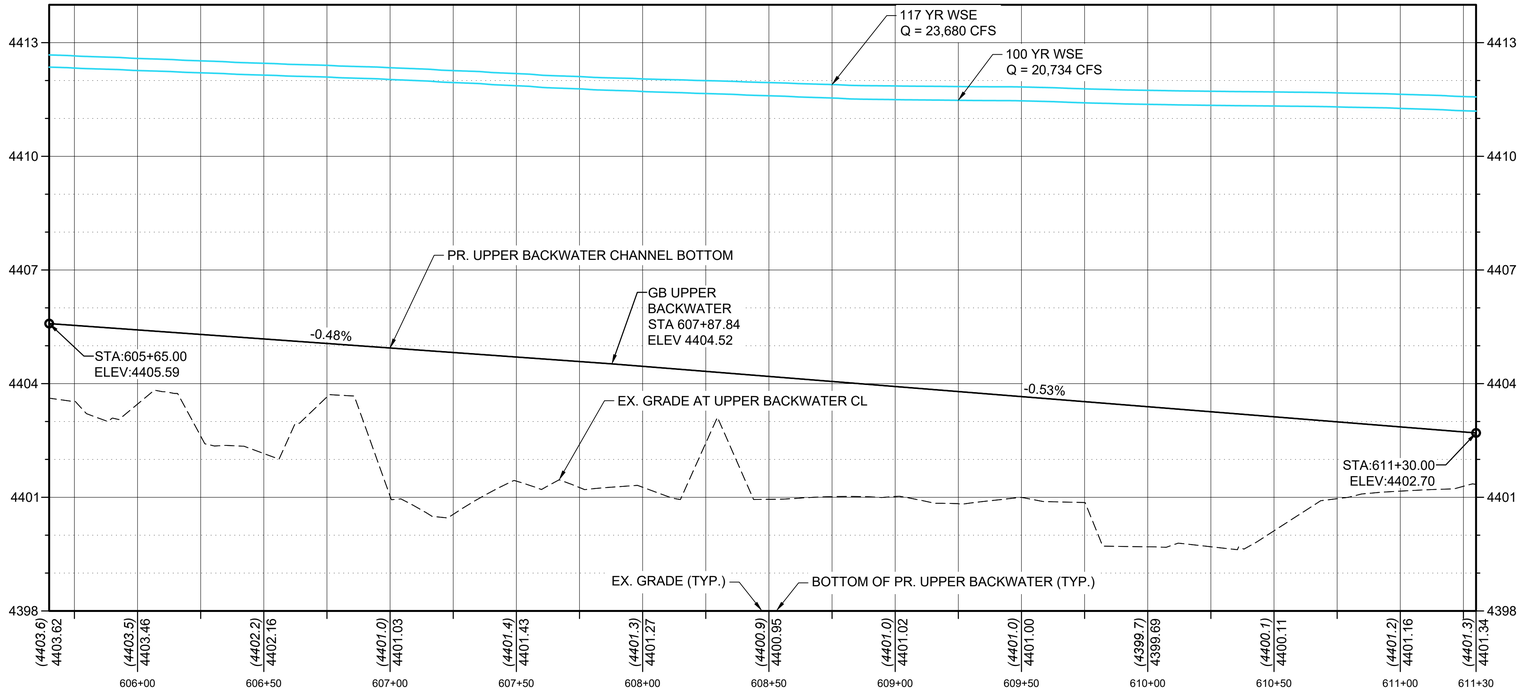
DRAWING:
CR-313

SHEET: 108 OF 205

Plot Date:5/4/2026 9:25 AM Plotted By: Elena Johnston
Date Created:12/22/2025\\JUB.COM\CENTRAL\CLIENTS\NTRFMA\PROJECTS\49-24-009_ROCKMCCARRAN\DESIGN\CAD\SHEET\49_24_009_CR_313X.DWG



UPPER BACKWATER CL PLAN VIEW



UPPER BACKWATER CL PROFILE - STA. 605+65 TO 611+30
HORIZONTAL SCALE: 1:30
VERTICAL SCALE: 1:2

LEGEND

- EX. MAJOR CONTOURS (5')
- EX. MINOR CONTOURS (1')
- PR. MAJOR CONTOURS (5')
- PR. MINOR CONTOURS (1')
- P/L — EX. PROPERTY LINE
- PR. WATER SURFACE ELEVATION
- PR. LEVEE/BERM TOE AND TOP
- RIPRAP REVETMENT
- HABITAT BENCH
- PR. MULTI-USE PATH
- PR. ARMOR FLEX
- PR. GEOCELL

NOTE:
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Reno, NV 89502
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PRELIMINARY PLANS

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NO.	DESCRIPTION	BY	APR.	DATE
	REVISION			

ROCK TO MCCARRAN REACH
TRUCKEE RIVER FLOOD MANAGEMENT AUTHORITY

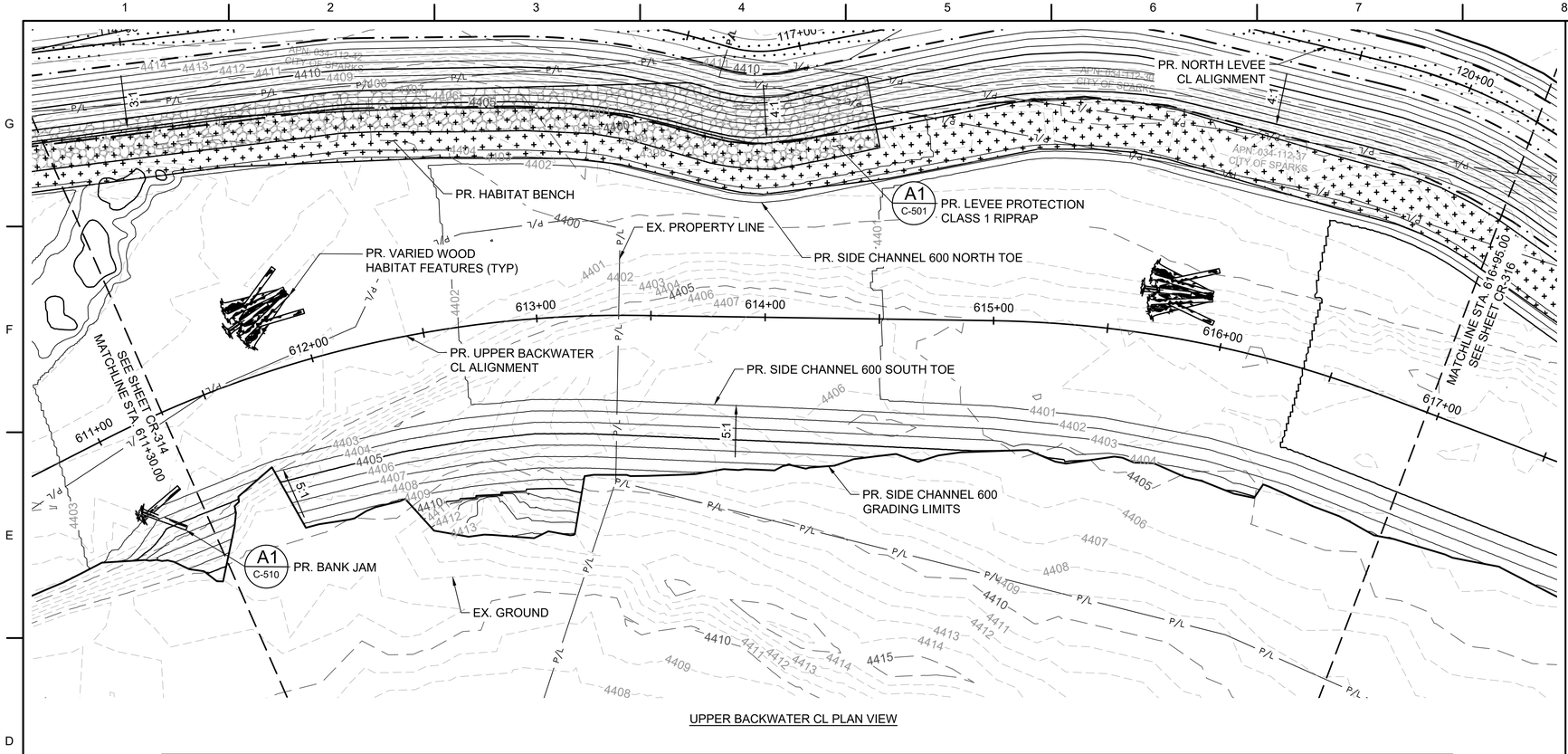
PLAN & PROFILE - TRUCKEE RIVER UPPER BACKWATER CHANNEL
STA. 605+65 TO 611+30

FILE: 49_24_009_CR_313X
JUB PROJ. #: 49-24-009
DRAWN BY: NJK
DESIGN BY: JAW
CHECKED BY: SKD
ONE INCH
AT FULL SIZE, IF NOT ONE INCH, SCALE ACCORDINGLY
LAST UPDATED: 4/30/2026

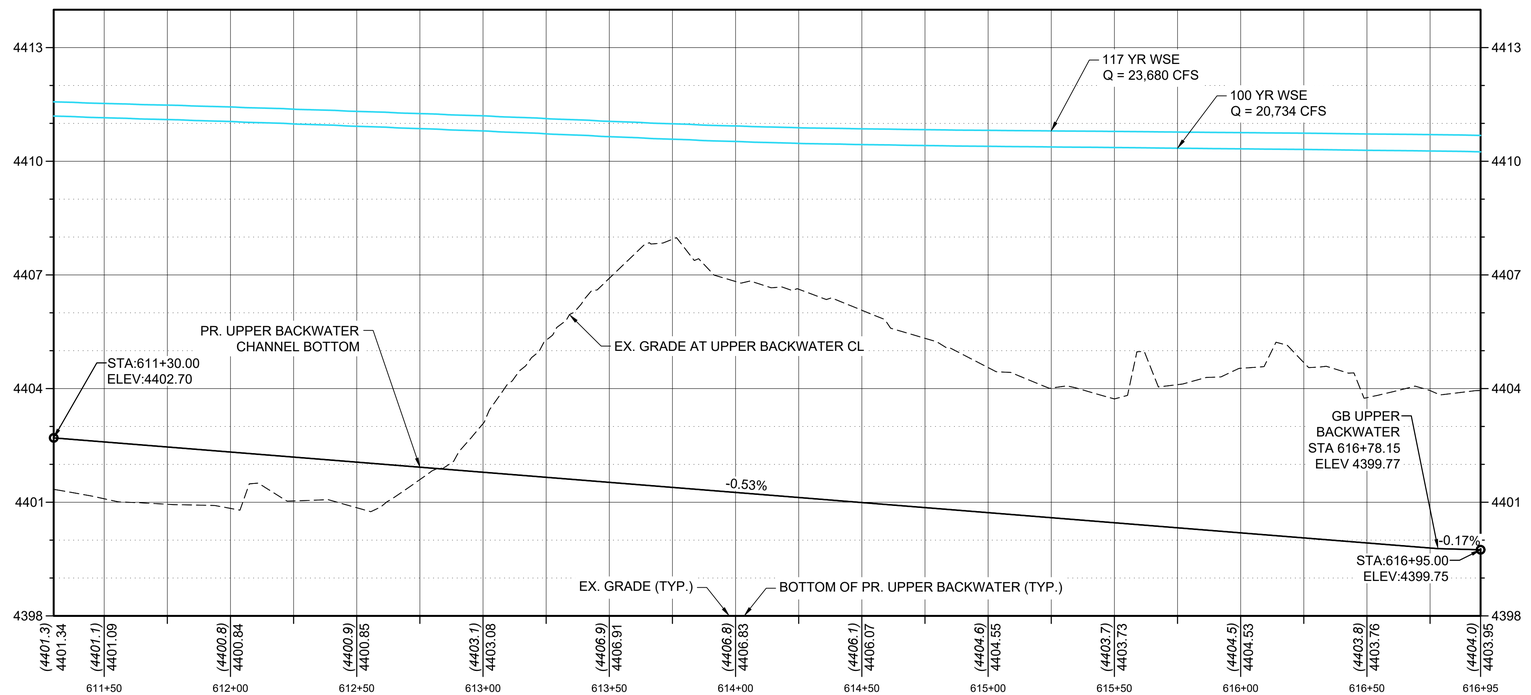
DRAWING:
CR-314

SHEET: 109 OF 205

Plot Date:5/4/2026 9:26 AM, Plotted By: Elana Johnston
Date Created:12/22/2025\\JUB.COM\CENTRAL\CLIENTS\49 ROCK\MCCARRAN\TRFMA\PROJECTS\49-24-009_ROCKMCCARRAN\DES ENV\CAD\SHEETS\49_24_009_CR_313X.DWG



UPPER BACKWATER CL PLAN VIEW



UPPER BACKWATER CL PROFILE - STA. 611+30 TO 616+95
HORIZONTAL SCALE: 1:30
VERTICAL SCALE: 1:2

0 30 60
SCALE IN FEET

LEGEND

- EX. MAJOR CONTOURS (5')
- EX. MINOR CONTOURS (1')
- PR. MAJOR CONTOURS (5')
- PR. MINOR CONTOURS (1')
- P/L — EX. PROPERTY LINE
- PR. WATER SURFACE ELEVATION
- PR. LEVEE/BERM TOE AND TOP
- RIPRAP REVETMENT
- HABITAT BENCH
- PR. MULTI-USE PATH
- PR. ARMOR FLEX
- PR. GEOCELL

NOTE:
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Phone: 775.852.1440
www.jub.com

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NO.	DESCRIPTION	BY	APR.	DATE
	REVISION			

ROCK TO MCCARRAN REACH
TRUCKEE RIVER FLOOD MANAGEMENT AUTHORITY

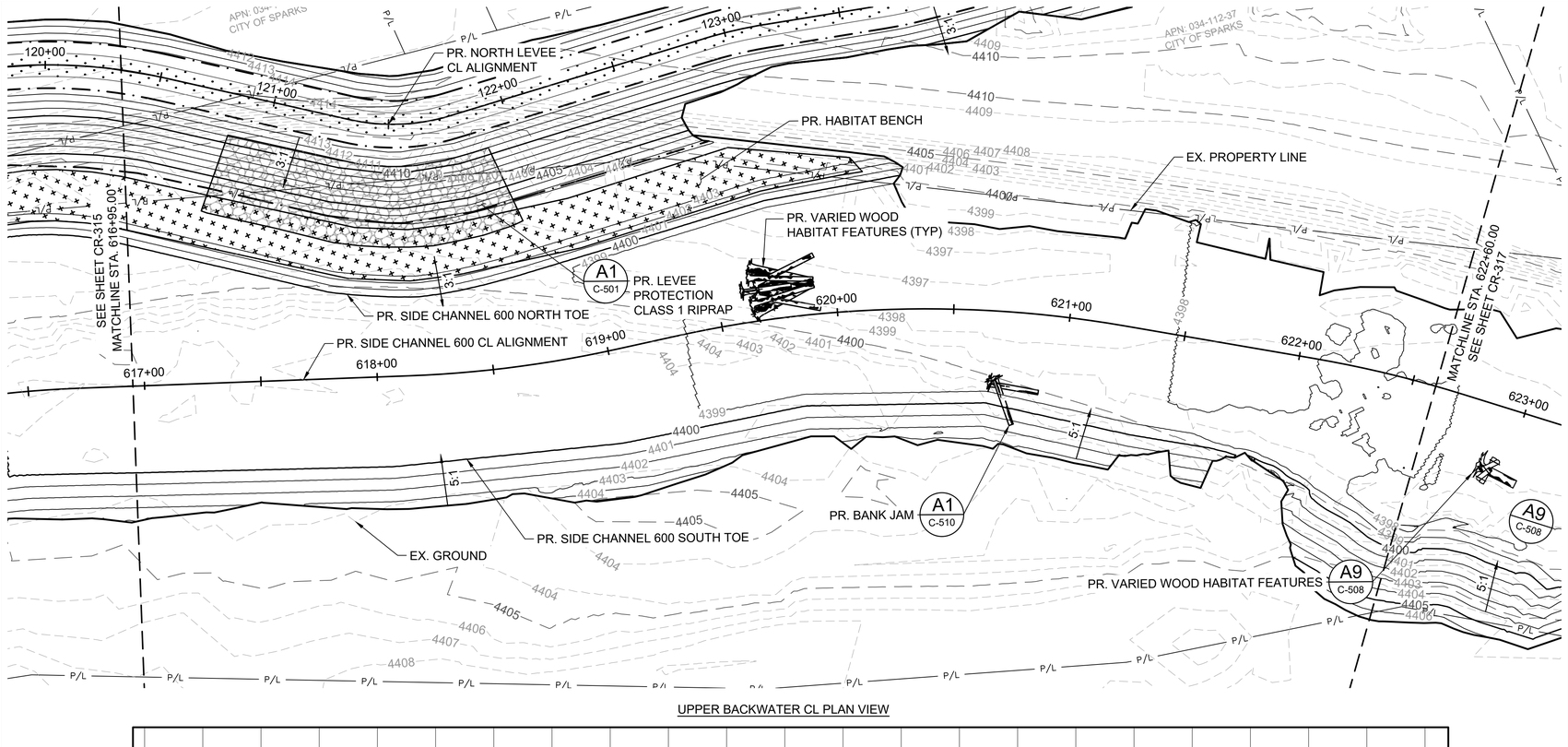
PLAN & PROFILE - TRUCKEE RIVER UPPER BACKWATER CHANNEL
STA. 611+30 TO 616+95

FILE : 49_24_009_CR_313X
JUB PROJ. # :49-24-009
DRAWN BY: MJK
DESIGN BY: JAW
CHECKED BY: SKD
ONE INCH
AT FULL SIZE, IF NOT ONE INCH, SCALE ACCORDINGLY
LAST UPDATED: 4/30/2026

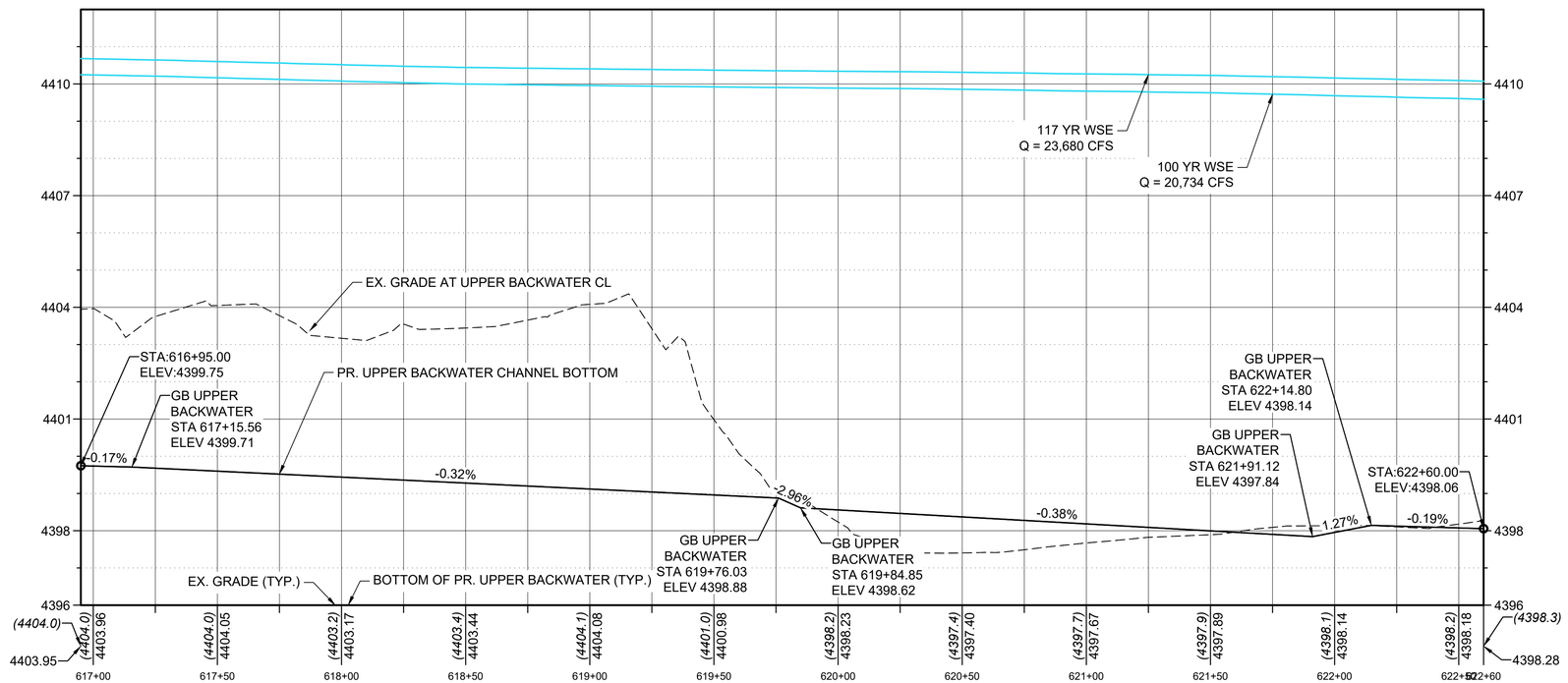
DRAWING:
CR-315

SHEET: 110 OF 205

Plot Date:5/4/2026 9:28 AM Plotted By: Elana Johnston
Date Created:12/22/2025\\JUB.COM\CENTRAL\CLIENTS\NTRFMA\PROJECTS\49-24-009_ROCKMCCARRANDES\ENCAD\SHEET\49_24_009_CR_313X.DWG



UPPER BACKWATER CL PLAN VIEW



UPPER BACKWATER CL PROFILE - STA. 616+95 TO 622+60
HORIZONTAL SCALE: 1:30
VERTICAL SCALE: 1:2

LEGEND

- EX. MAJOR CONTOURS (5')
- EX. MINOR CONTOURS (1')
- PR. MAJOR CONTOURS (5')
- PR. MINOR CONTOURS (1')
- EX. PROPERTY LINE
- PR. WATER SURFACE ELEVATION
- PR. LEVEE/BERM TOE AND TOP
- RIPRAP REVETMENT
- HABITAT BENCH
- PR. MULTI-USE PATH
- PR. ARMOR FLEX
- PR. GEOCELL

NOTE:
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Reno, NV 89502
Phone: 775.852.1440
www.jub.com

PRELIMINARY PLANS

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NO.	DESCRIPTION	BY	APR.	DATE
	REVISION			

ROCK TO MCCARRAN REACH
TRUCKEE RIVER FLOOD MANAGEMENT AUTHORITY

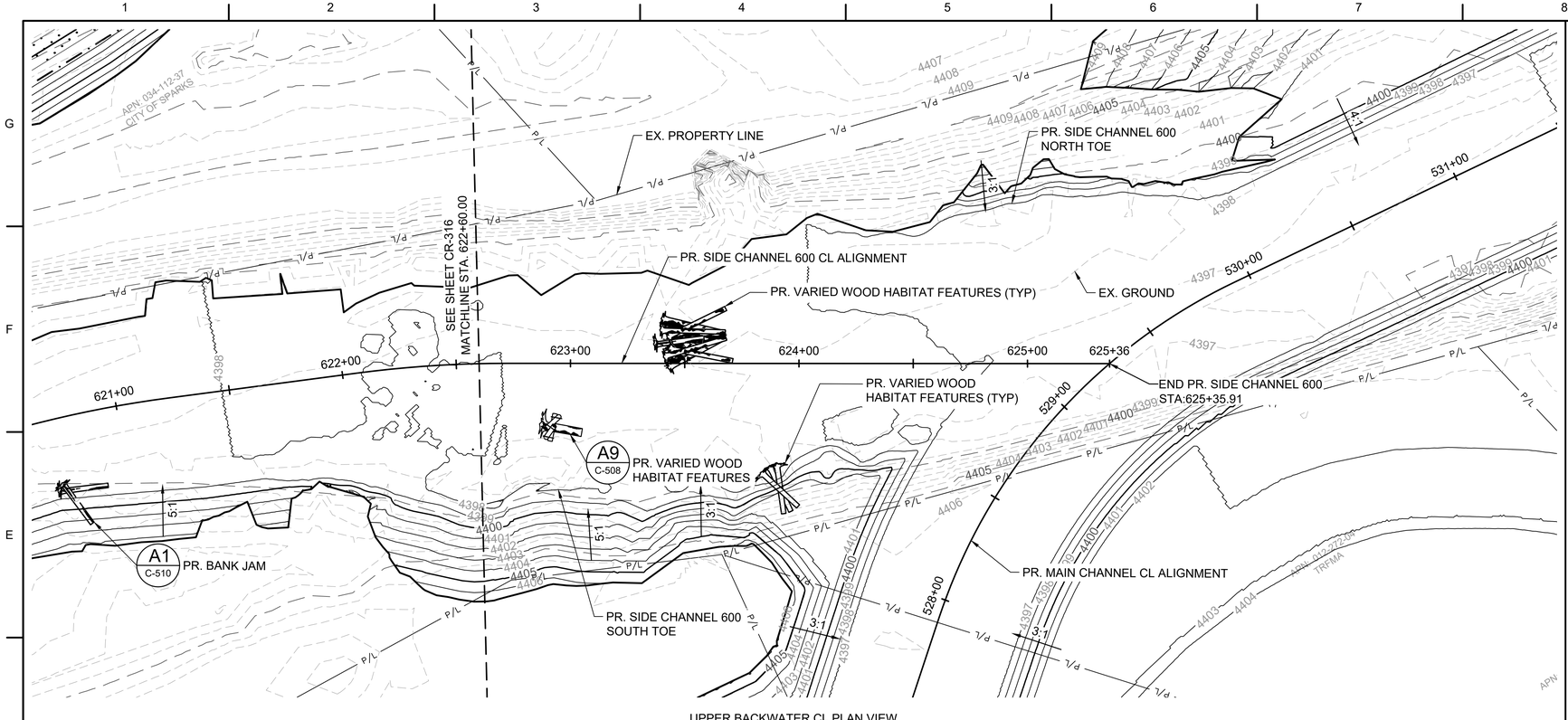
PLAN & PROFILE - TRUCKEE RIVER UPPER BACKWATER CHANNEL
STA. 616+95 TO 622+60

FILE : 49_24_009_CR_313X
JUB PROJ. # :49-24-009
DRAWN BY: NJK
DESIGN BY: JAW
CHECKED BY: SKD
ONE INCH
AT FULL SIZE, IF NOT ONE INCH, SCALE ACCORDINGLY
LAST UPDATED: 4/30/2026

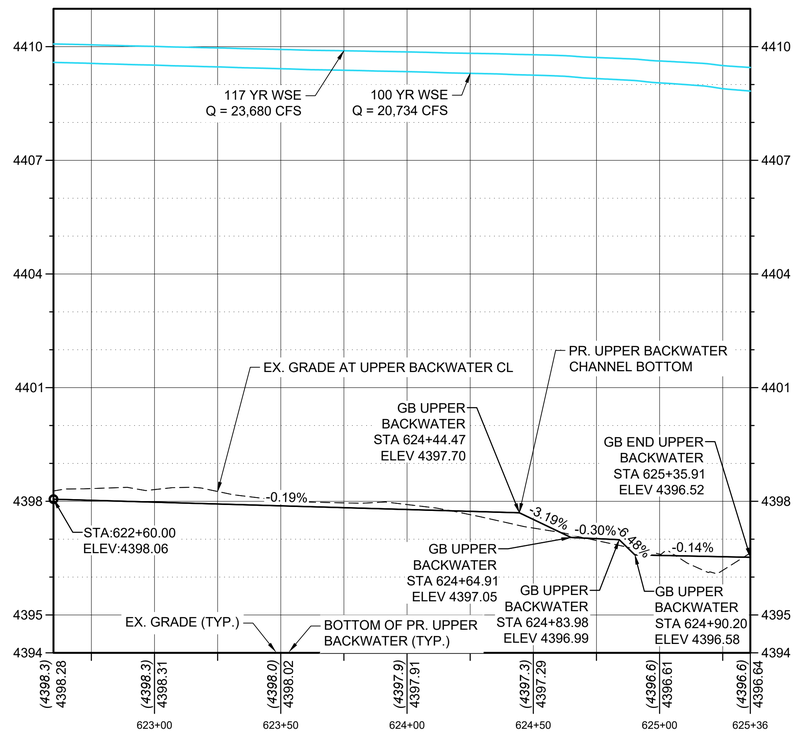
DRAWING:
CR-316

SHEET: 111 OF 205

Plot Date:5/4/2026 9:29 AM By: Elana Johnston
Date Created:12/22/2025\\JUB.COM\CENTRAL\CLIENTS\UTRFMA\PROJECTS\49-24-009_ROCKMCCARRANDES\ENCADSHEETS\49_24_009_CR_313X.DWG



UPPER BACKWATER CL PLAN VIEW



UPPER BACKWATER CL PROFILE - STA. 622+60 TO 625+35.91
HORIZONTAL SCALE: 1:30
VERTICAL SCALE: 1:2

0 30 60
SCALE IN FEET

LEGEND

- EX. MAJOR CONTOURS (5')
- EX. MINOR CONTOURS (1')
- PR. MAJOR CONTOURS (5')
- PR. MINOR CONTOURS (1')
- EX. PROPERTY LINE
- PR. WATER SURFACE ELEVATION
- PR. LEVEE/BERM TOE AND TOP
- RIPRAP REVETMENT
- HABITAT BENCH
- PR. MULTI-USE PATH
- PR. ARMOR FLEX
- PR. GEOCELL

NOTE:
LOCATION AND TYPE OF REVETMENT FEATURES SHOWN ARE APPROXIMATE ONLY AND SUBJECT TO CHANGE.

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Phone: 775.852.1440
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PRELIMINARY PLANS

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NO.	DESCRIPTION	BY	APR.	DATE
	REVISION			

ROCK TO MCCARRAN REACH
TRUCKEE RIVER FLOOD MANAGEMENT AUTHORITY

PLAN & PROFILE - TRUCKEE RIVER UPPER BACKWATER CHANNEL
STA. 622+60 TO 625+35.91

FILE :	49_24_009_CR_313X
JUB PROJ. # :	49-24-009
DRAWN BY:	MJK
DESIGN BY:	JAW
CHECKED BY:	SKD

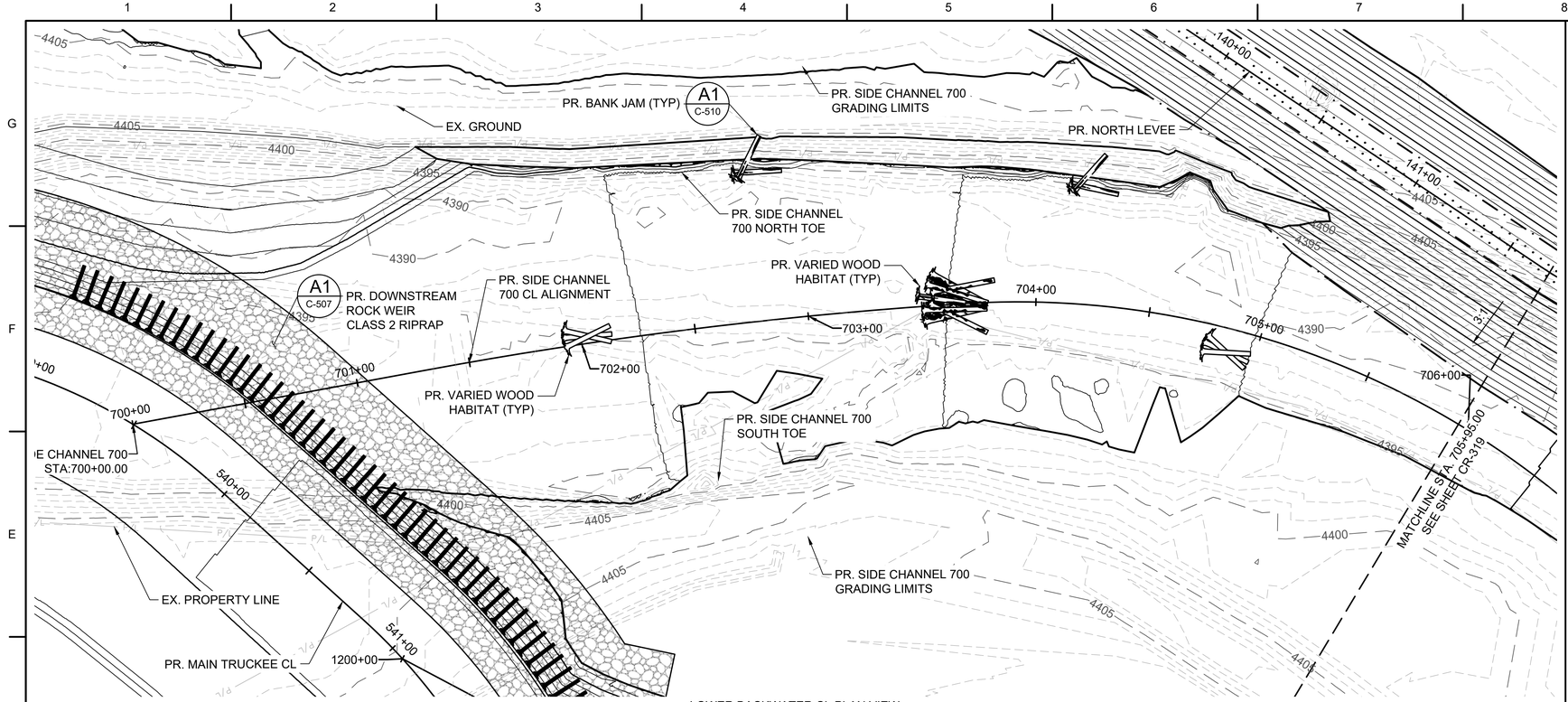
ONE INCH
AT FULL SIZE, IF NOT ONE INCH, SCALE ACCORDINGLY

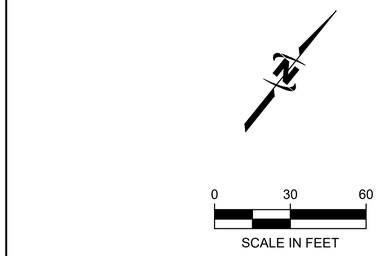
LAST UPDATED: 4/30/2026

DRAWING:
CR-317

SHEET: 112 OF 205

Plot Date:5/4/2026 9:30 AM Plotted By: Elana Johnston
Date Created:12/22/2025\\JUB.COM\CENTRAL\CLIENTS\49 TRFMA\PROJECTS\49-24-009_ROCKMCCARRAN\DES\ENCAD\SHEET\49_24_009_CR_313X.DWG



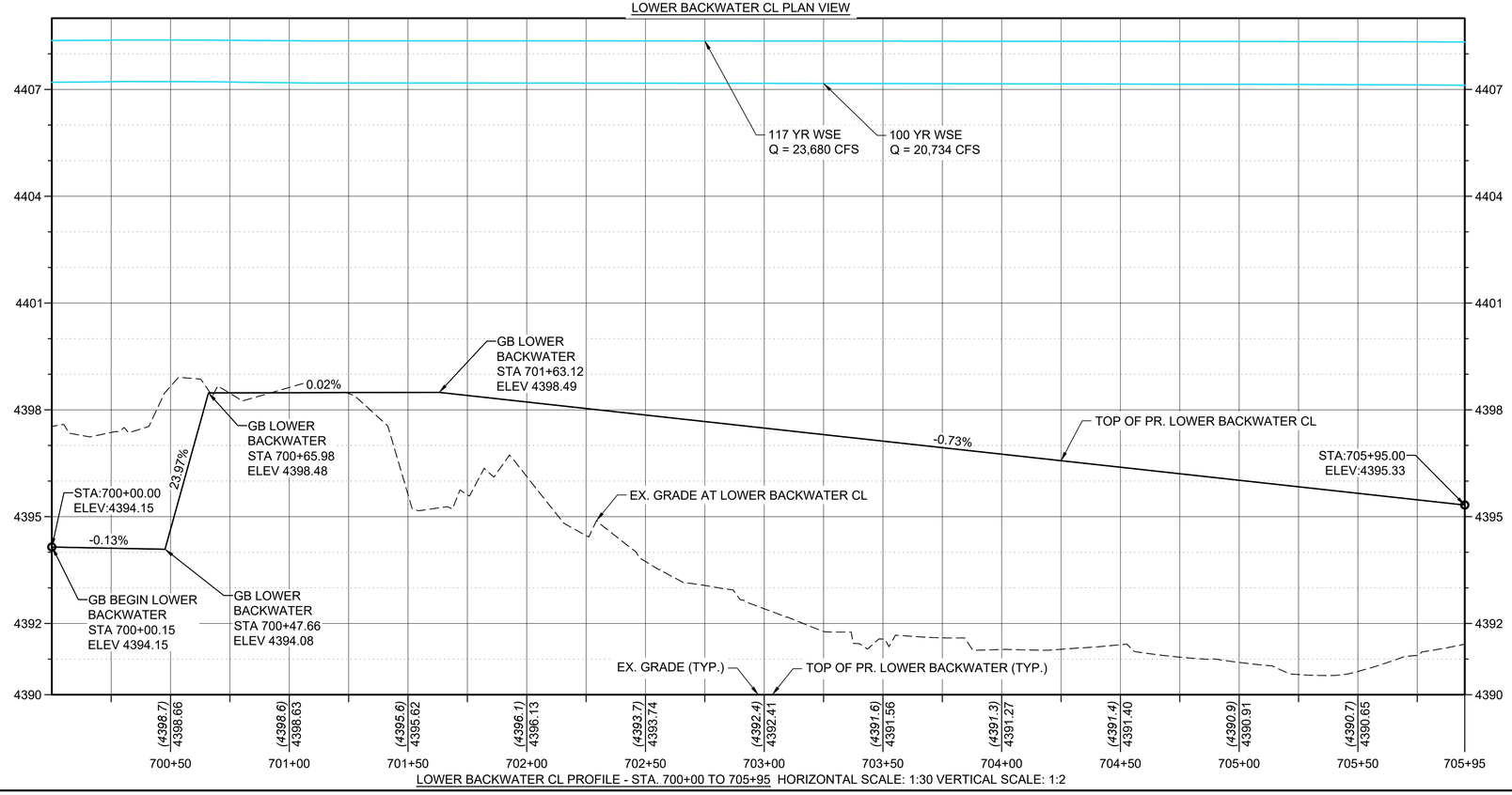


LEGEND

- EX. MAJOR CONTOURS (5')
- EX. MINOR CONTOURS (1')
- PR. MAJOR CONTOURS (5')
- PR. MINOR CONTOURS (1')
- P/L — EX. PROPERTY LINE
- PR. WATER SURFACE ELEVATION
- PR. LEVEE/BERM TOE AND TOP
- RIPRAP REVETMENT
- HABITAT BENCH
- PR. MULTI-USE PATH
- PR. ARMOR FLEX
- PR. GEOCELL

NOTE:
LOCATION AND TYPE OF REVETMENT FEATURES SHOWN ARE APPROXIMATE ONLY AND SUBJECT TO CHANGE.

LOWER BACKWATER CL PLAN VIEW



LOWER BACKWATER CL PROFILE - STA. 700+00 TO 705+95 HORIZONTAL SCALE: 1:30 VERTICAL SCALE: 1:2

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www.jub.com

PRELIMINARY PLANS

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NO.	DESCRIPTION	BY	APR.	DATE
	REVISION			

ROCK TO MCCARRAN REACH
TRUCKEE RIVER FLOOD MANAGEMENT AUTHORITY

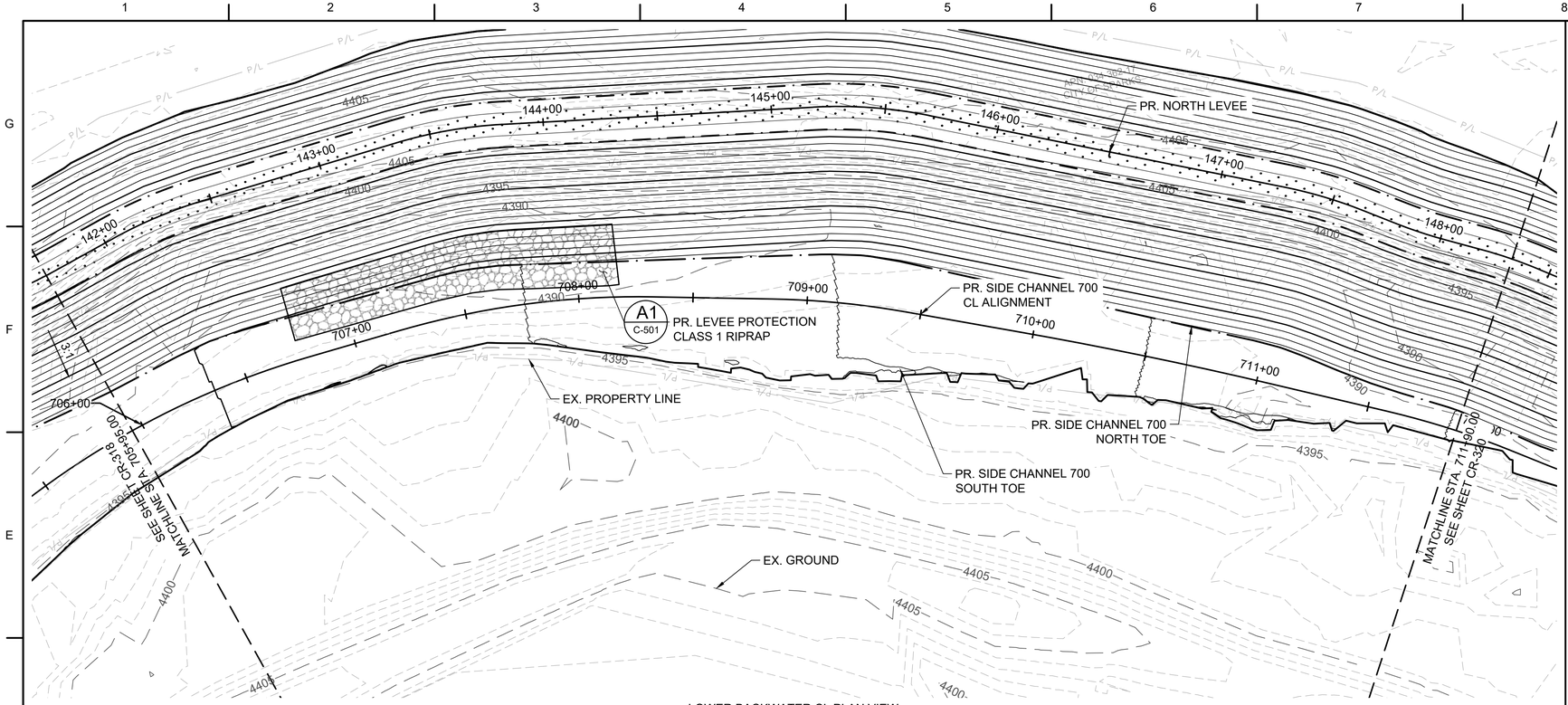
PLAN & PROFILE - TRUCKEE RIVER LOWER BACKWATER CHANNEL
STA. 700+00 TO 705+95

FILE : 49_24_009_CR_318X
JUB PROJ. # :49-24-009
DRAWN BY: MJK
DESIGN BY: JAW
CHECKED BY: SKD
ONE INCH
AT FULL SIZE, IF NOT ONE INCH, SCALE ACCORDINGLY
LAST UPDATED: 4/30/2026

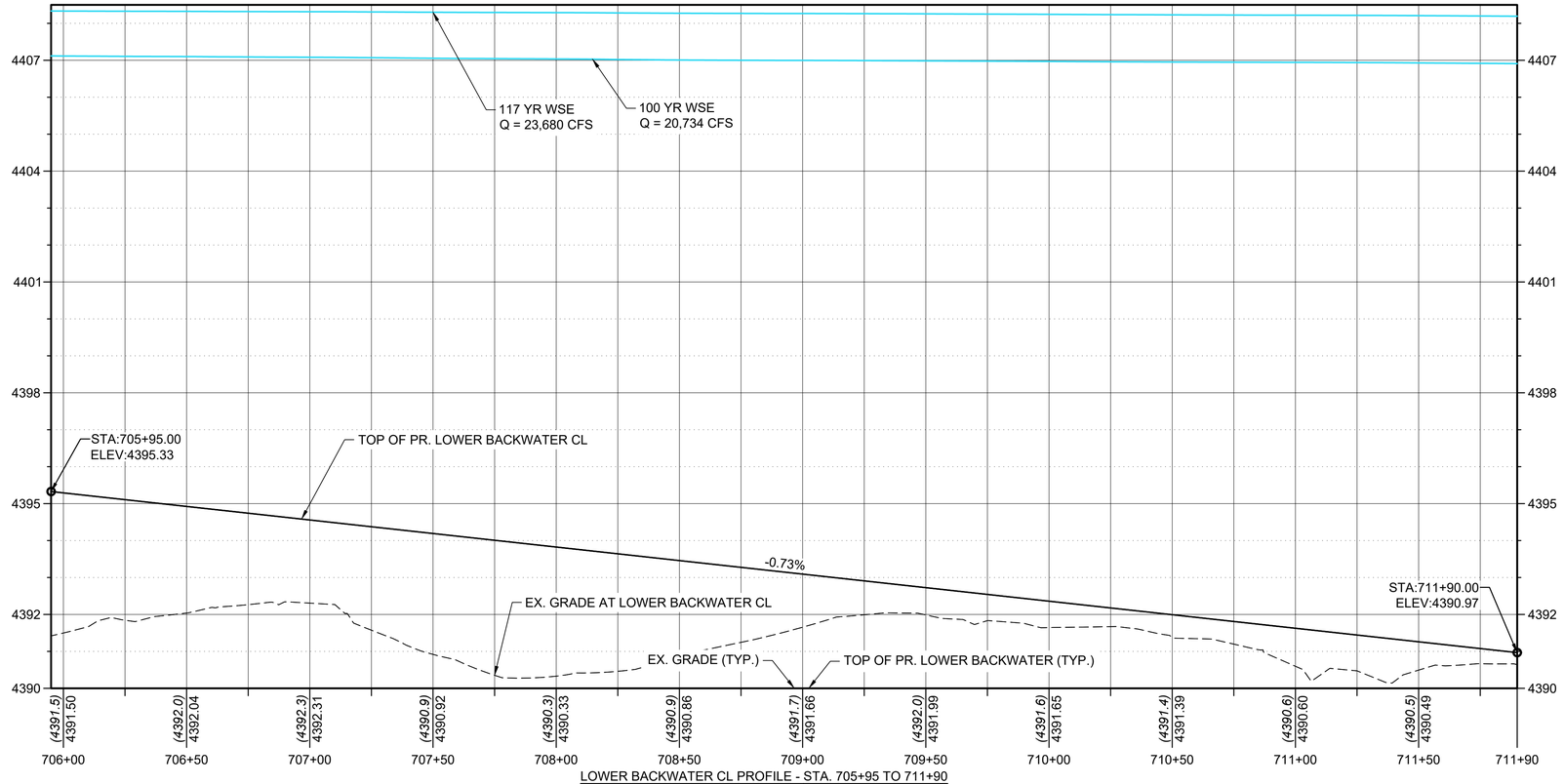
DRAWING:
CR-318

SHEET: 113 OF 205

Plot Date:5/4/2026 8:32 AM Plotted By: Elana Johnston
Date Created:4/3/2026 \\JUB.COM\CENTRAL\CLIENTS\NTRFMA\PROJECTS\49-24-009_ROCKMCCARRAN\DES\CIVIL\CAD\SHEET\49_24_009_CR_318X.DWG



LOWER BACKWATER CL PLAN VIEW



LOWER BACKWATER CL PROFILE - STA. 705+95 TO 711+90
HORIZONTAL SCALE: 1:30 VERTICAL SCALE: 1:2

0 30 60
SCALE IN FEET

LEGEND

- EX. MAJOR CONTOURS (5')
- EX. MINOR CONTOURS (1')
- PR. MAJOR CONTOURS (5')
- PR. MINOR CONTOURS (1')
- P/L EX. PROPERTY LINE
- PR. WATER SURFACE ELEVATION
- PR. LEVEE/BERM TOE AND TOP
- RIPRAP REVETMENT
- HABITAT BENCH
- PR. MULTI-USE PATH
- PR. ARMOR FLEX
- PR. GEOCELL

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PRELIMINARY PLANS
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NO.	DESCRIPTION	BY	APR.	DATE
	REVISION			

ROCK TO MCCARRAN REACH
TRUCKEE RIVER FLOOD MANAGEMENT AUTHORITY

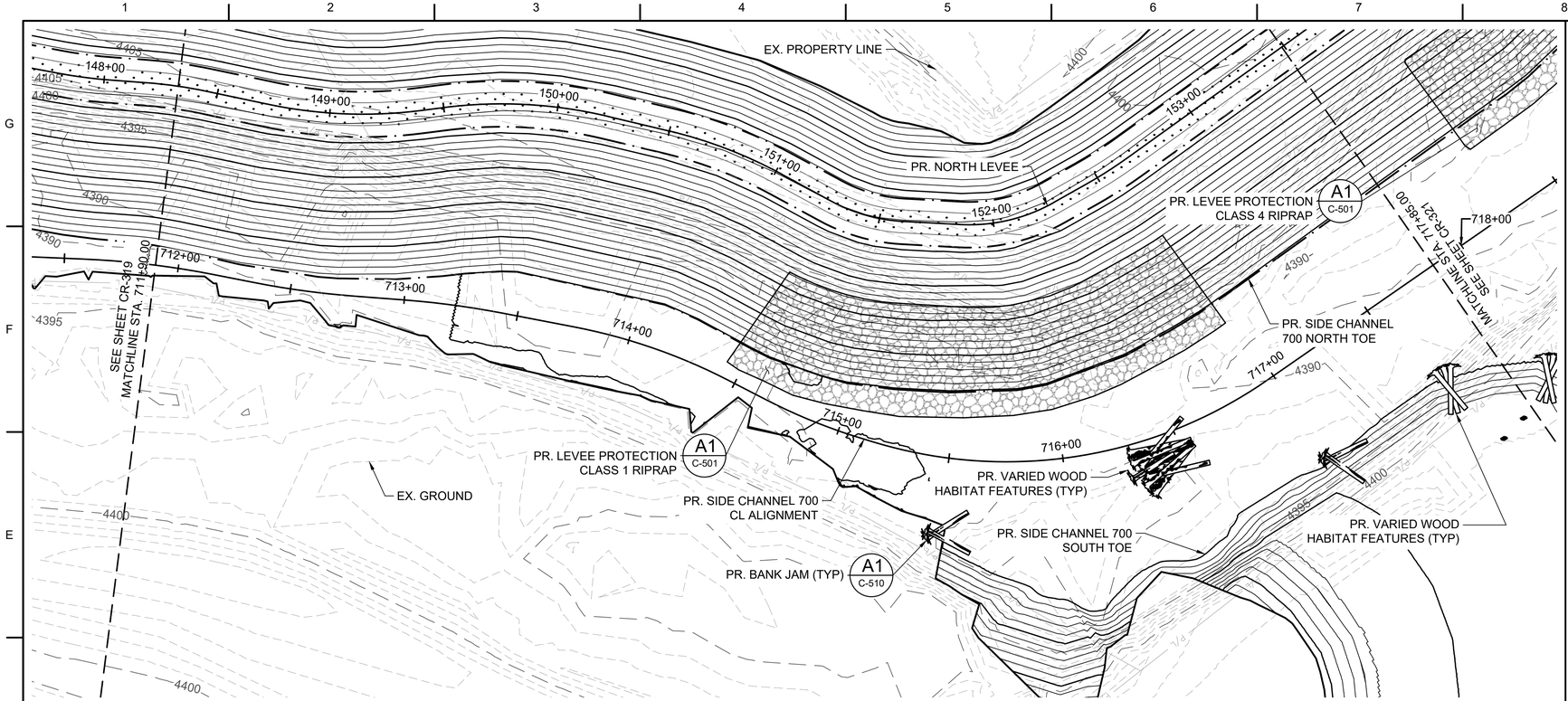
PLAN & PROFILE - TRUCKEE RIVER LOWER BACKWATER CHANNEL
STA. 705+95 TO 711+90

FILE : 49_24_009_CR_318X
JUB PROJ. # :49-24-009
DRAWN BY: MJK
DESIGN BY: JAW
CHECKED BY: SKD
ONE INCH
AT FULL SIZE, IF NOT ONE INCH, SCALE ACCORDINGLY
LAST UPDATED: 4/30/2026

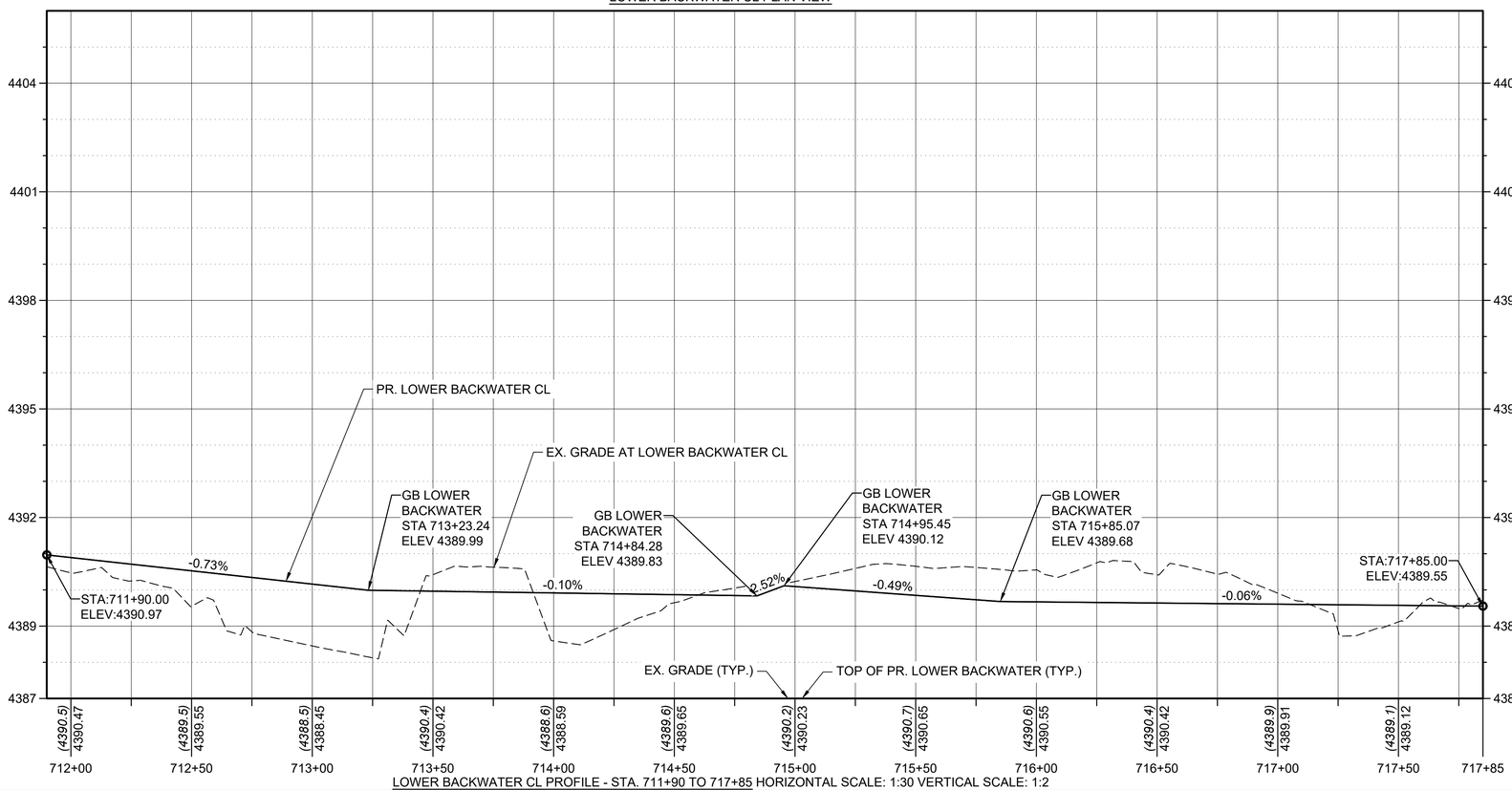
DRAWING:
CR-319

SHEET: 114 OF 205

Plot Date:5/4/2026 9:33 AM Plotted By: Elana Johnston
Date Created:4/3/2026 \\JUB.COM\CENTRAL\CLIENTS\NTRFMA\PROJECTS\49-24-009_ROCKMCCARRAN\DESIGN\CAD\SHEET\49_24_009_CR_318X.DWG



LOWER BACKWATER CL PLAN VIEW



LOWER BACKWATER CL PROFILE - STA. 711+90 TO 717+85 HORIZONTAL SCALE: 1:30 VERTICAL SCALE: 1:2

LEGEND

- EX. MAJOR CONTOURS (5')
- EX. MINOR CONTOURS (1')
- PR. MAJOR CONTOURS (5')
- PR. MINOR CONTOURS (1')
- P/L — EX. PROPERTY LINE
- PR. WATER SURFACE ELEVATION
- PR. LEVEE/BERM TOE AND TOP
- RIPRAP REVETMENT
- HABITAT BENCH
- PR. MULTI-USE PATH
- PR. ARMOR FLEX
- PR. GEOCELL

NOTE:
LOCATION AND TYPE OF REVETMENT FEATURES SHOWN ARE APPROXIMATE ONLY AND SUBJECT TO CHANGE.

NOTE:
THE MAX 100-YR WSE FROM STA: 711+90 TO 717+85 IS 4406.909
THE MAX 117-YR WSE FROM STA: 711+90 TO 717+85 IS 4408.192

JUB
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NO.	DESCRIPTION	BY	APR.	DATE
	REVISION			

ROCK TO MCCARRAN REACH
TRUCKEE RIVER FLOOD MANAGEMENT AUTHORITY

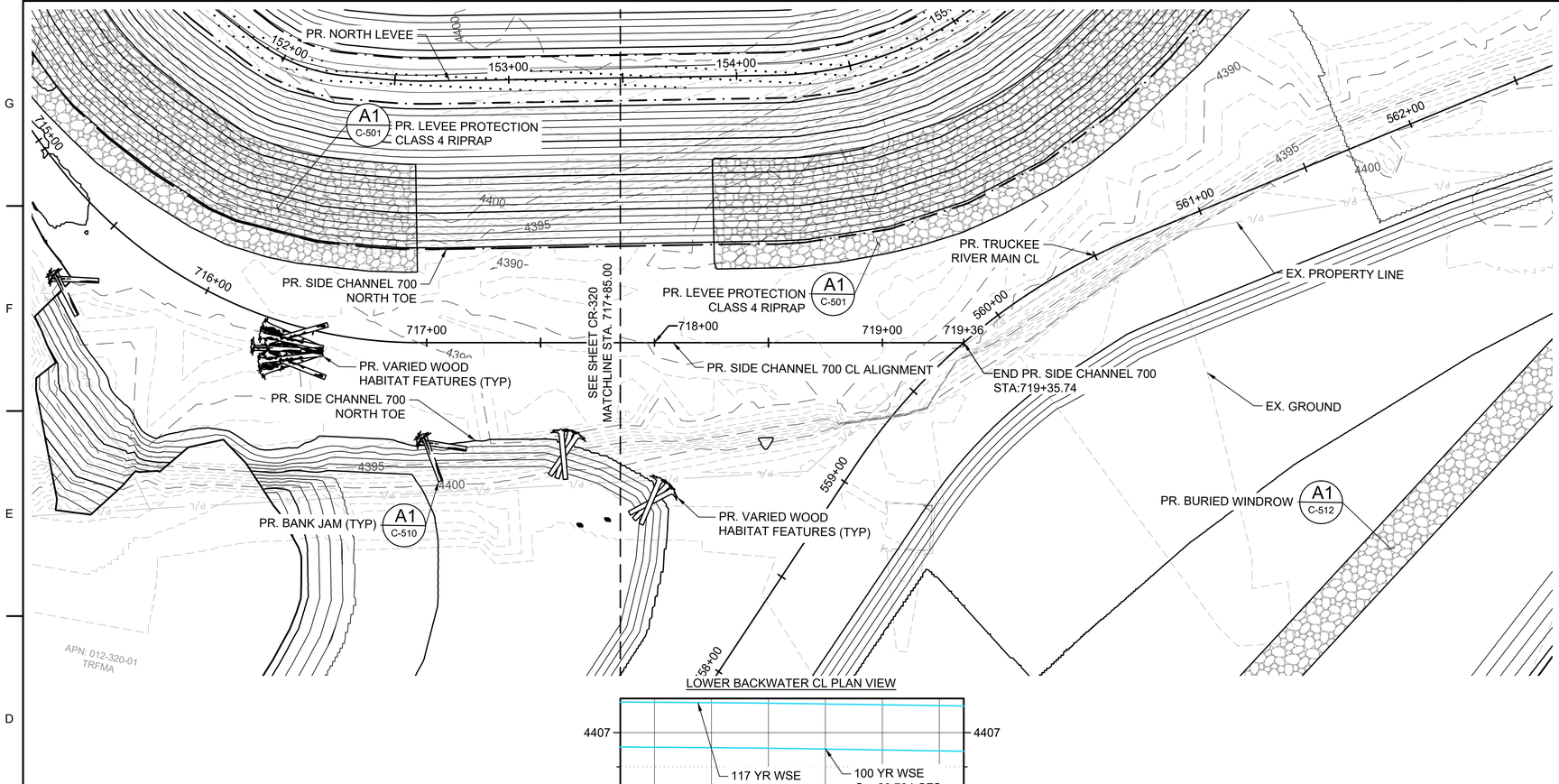
PLAN & PROFILE - TRUCKEE RIVER LOWER BACKWATER CHANNEL
STA. 711+90 TO 717+85

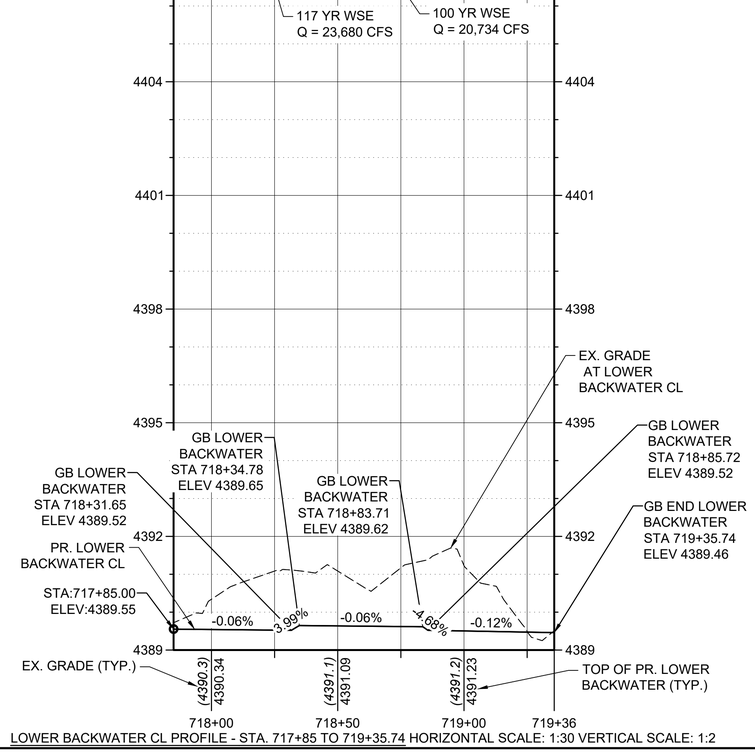
FILE : 49_24_009_CR_318X
JUB PROJ. # :49-24-009
DRAWN BY: MJK
DESIGN BY: JAW
CHECKED BY: SKD
ONE INCH
AT FULL SIZE, IF NOT ONE INCH, SCALE ACCORDINGLY
LAST UPDATED: 4/30/2026

DRAWING:
CR-320

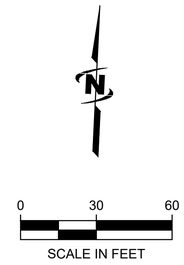
SHEET: 115 OF 205

Plot Date:5/4/2026 8:33 AM Plotted By: Elana Johnston
Date Created:4/3/2026 \\JUB.COM\CENTRAL\CLIENTS\NTRFM\PROJECTS\49-24-009_ROCKMCCARRAN\DESIGN\CAD\SHEET\49_24_009_CR_318X.DWG





LOWER BACKWATER CL PROFILE - STA. 717+85 TO 719+35.74 HORIZONTAL SCALE: 1:30 VERTICAL SCALE: 1:2



LEGEND

- EX. MAJOR CONTOURS (5')
- EX. MINOR CONTOURS (1')
- PR. MAJOR CONTOURS (5')
- PR. MINOR CONTOURS (1')
- EX. PROPERTY LINE
- PR. WATER SURFACE ELEVATION
- PR. LEVEE/BERM TOE AND TOP
- RIPRAP REVETMENT
- HABITAT BENCH
- PR. MULTI-USE PATH
- PR. ARMOR FLEX
- PR. GEOCELL

NOTE:
LOCATION AND TYPE OF REVETMENT FEATURES SHOWN ARE APPROXIMATE ONLY AND SUBJECT TO CHANGE.

J-U-B ENGINEERS, INC.

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PRELIMINARY PLANS

NOT FOR CONSTRUCTION

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NO.	DESCRIPTION	BY	APR.	DATE
	REVISION			

ROCK TO MCCARRAN REACH
TRUCKEE RIVER FLOOD MANAGEMENT AUTHORITY

PLAN & PROFILE - TRUCKEE RIVER LOWER BACKWATER CHANNEL
STA. 717+85 TO 719+35.74

FILE : 49_24_009_CR_318X
JUB PROJ. # :49-24-009
DRAWN BY: MJK
DESIGN BY: JAW
CHECKED BY: SKD
ONE INCH
AT FULL SIZE, IF NOT ONE INCH, SCALE ACCORDINGLY
LAST UPDATED: 4/30/2026

DRAWING:
CR-321

SHEET: 116 OF 205

Plot Date:5/4/2026 8:34 AM Plotted By: Elana Johnston
Date Created:4/3/2026 \\UB.COM\CENTRAL\CLIENTS\V1TRFMA\PROJECTS\49-24-009_ROCKMCCARRAN\DES\ENCAD\SHEET\49_24_009_CR_318X.DWG