

SECTION Z: PIPE SECTIONS

FOR BIDDING PURPOSES ONLY



PROJECT	SHEET	TOTAL SHEETS
EM 0292(88)73 IM 2292(104)0	Z1	Z26

Plotting Date: 5/19/2025

INDEX OF SHEETS

Z1	General Layout with Index
Z2	Pipe Section Layout
Z3-Z7, Z10-Z14	85th Street Pipe Sections
Z8-Z9, Z-15	I-29 Pipe Sections
Z16	I-29 Ramp A Pipe Sections
Z17-Z18	I-29 Ramp B Pipe Sections
Z19	I-29 Ramp C Pipe Sections
Z20-Z23	I-29 Ramp D Pipe Sections
Z24	I-29 Ramp D Conn Pipe Sections
Z25	I-29 Ramp F Pipe Sections
Z26	Trail Pipe Sections

END EM 0292(88)73

Station 106+06.35
located 1103.12 feet south and
1959.66 feet west of the northeast
corner of Section 18 -Township 100 North -
Range 50 West of the 5th P.M.
MRM (029 N) 75.17+0.032

Sta. 0+01.50 to Sta. 6+65.00
M.S.E. Large Panel Retaining Wall

Sta. 60+35.34 to Sta. 63+50.03
Str. No. 42-065-016
312'-11 3/8" Steel Girder Bridge
Concrete Barrier Curb and Gutter

BEGIN EM 0292(88)73

85TH STREET
Station 299+35.00
located 20.50 feet south and
499.13 feet east of the northwest
corner of Section 19 - Township 100 North -
Range 50 West of the 5th P.M.

Sta. 318+79.74 to Sta. 321+55.24
Str. No. 42-065-020
276'-6" Steel Girder Bridge
Concrete Barrier Curb and Gutter

BEGIN EM 0292(88)73

Station 30+27.82
located 2117.41 feet north and
2376.09 feet east of the southwest
corner of Section 19 - Township 100 North -
Range 50 West of the 5th P.M.
MRM (029 N) 73.38+0.364

END IM 2292(104)0

I-229 RAMP C LOUISE AVENUE
Station 43+87.81
located 1411.81 feet north and
4960.21 feet east of the southwest
corner of Section 8 -Township 100 North -
Range 50 West of the 5th P.M.
MRM (229 N1) 00.92+0.000

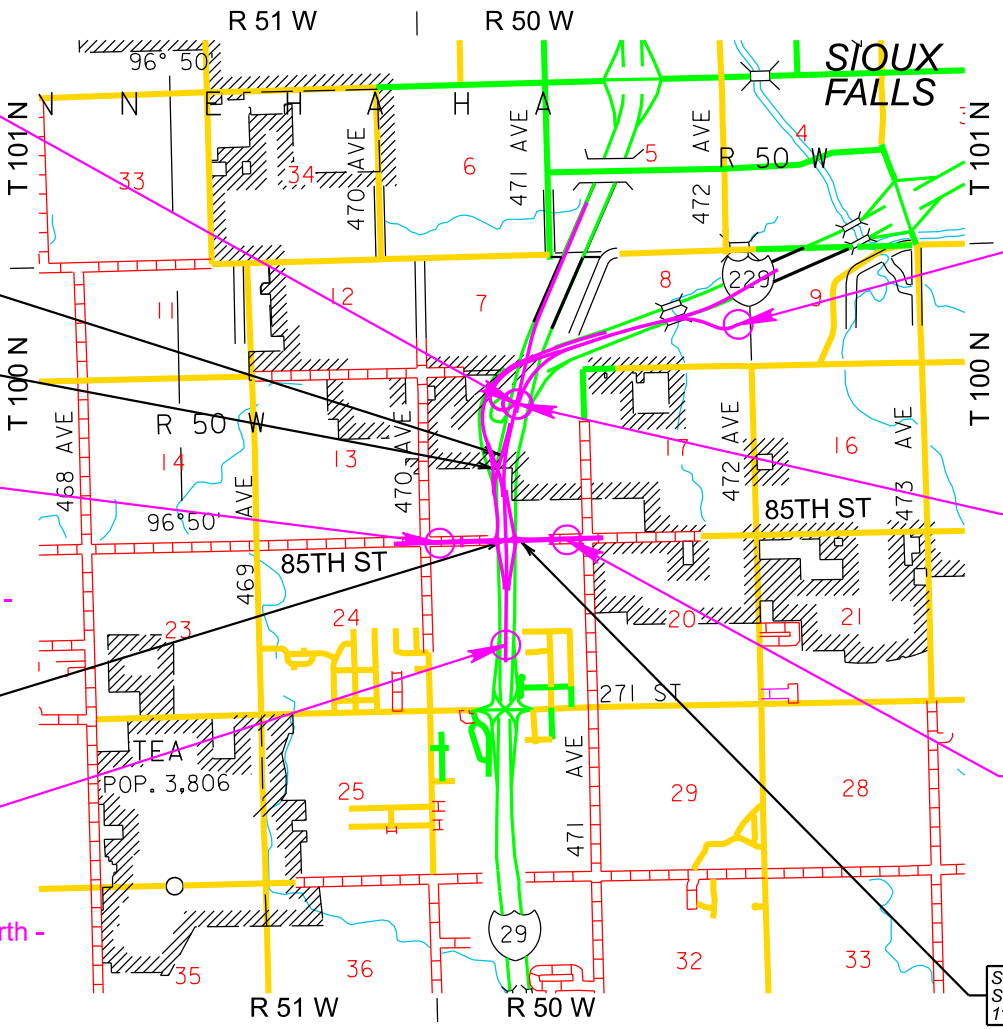
BEGIN IM 2292(104)0

I-229 RAMP B
Station 19+34.15
located 1115.22 feet south and
1906.32 feet west of the northeast
corner of Section 18 -Township 100 North -
Range 50 West of the 5th P.M.
MRM (229 N) 00.00+00.032

END EM 0292(88)73

85TH STREET
Station 339+30.00
located 33.11 feet south and
600.68 feet west of the northwest
corner of Section 20 - Township 100 North -
Range 50 West of the 5th P.M.

Sta. 324+45.77
Str. No. 42-066-020
11'x10' Box Culvert



PIPE SECTIONS LAYOUT

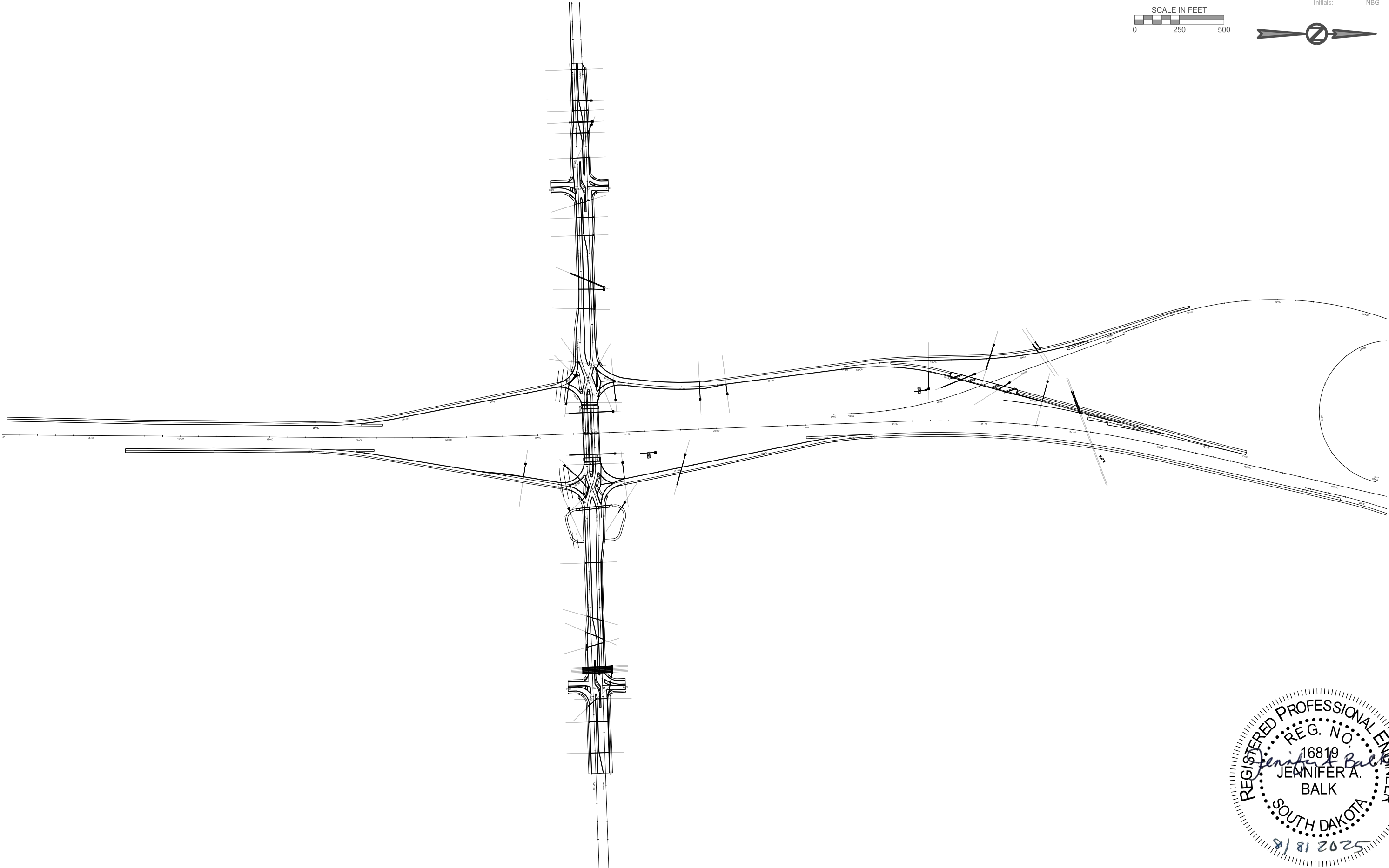
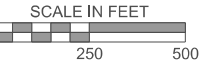
FOR BIDDING PURPOSES ONLY



PROJECT	SHEET	TOTAL SHEETS
EM 0292(88)73 IM 2292(104)0	Z2	Z26

Plotting Date: 8/8/2025

Revised Date: 7/10/2025
Initials: NBG



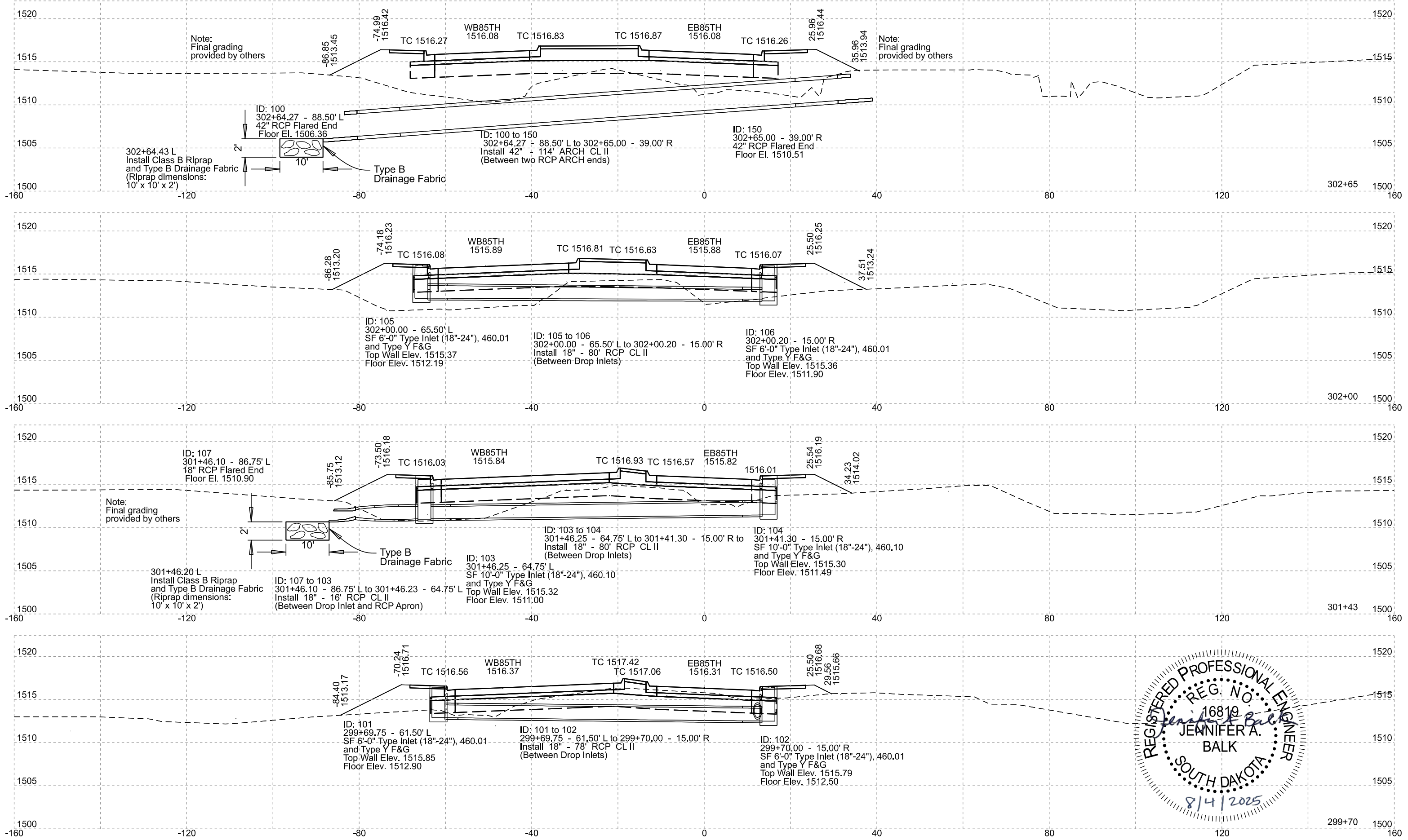
85TH STREET

FOR BIDDING PURPOSES ONLY



PROJECT	SHEET	TOTAL SHEETS
EM 0292(88)73 IM 2292(104)0	Z3	Z26

Plotting Date: 8/4/2025 Revised Date: 8/4/2025 NBG



85TH STREET

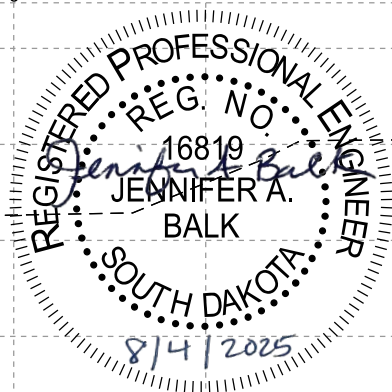
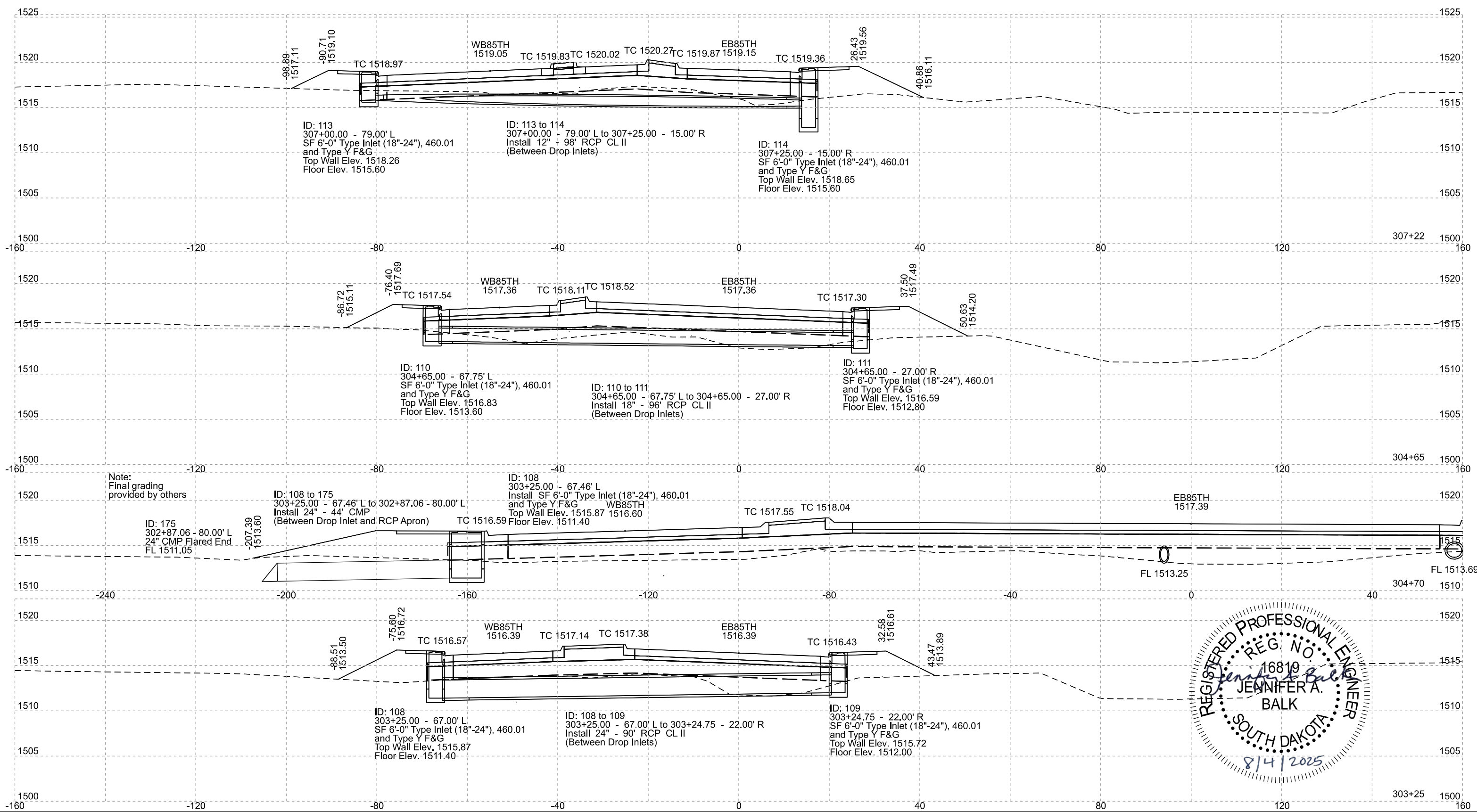
FOR BIDDING PURPOSES ONLY



PROJECT	SHEET	TOTAL SHEETS
EM 0292(88)73 IM 2292(104)0	Z4	Z26

Plotting Date: 8/4/2025

Revised Date: 6/27/2025
Initials: NBG



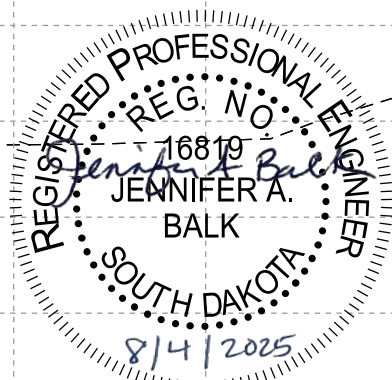
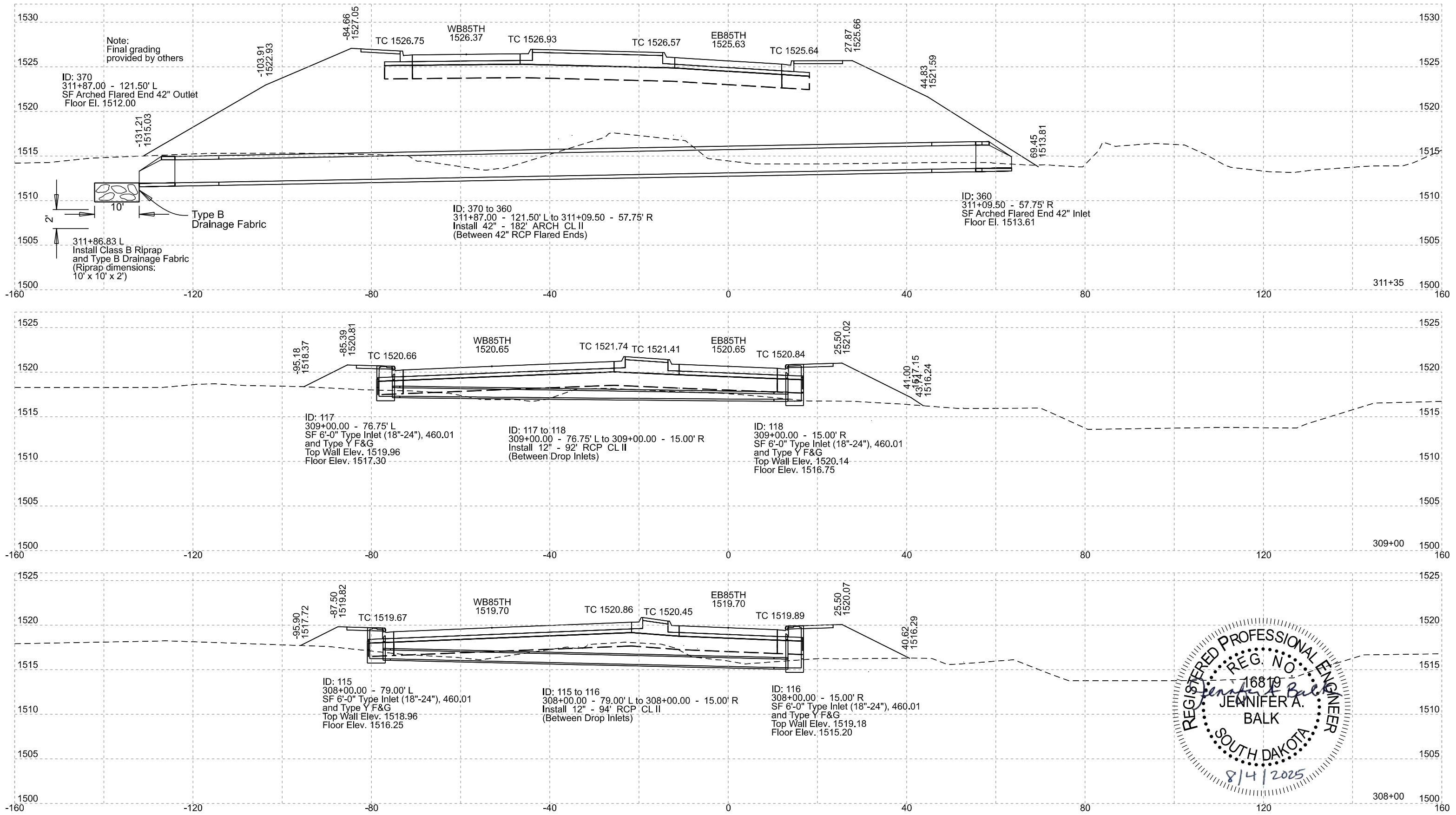
85TH STREET

FOR BIDDING PURPOSES ONLY



PROJECT	SHEET	TOTAL SHEETS
EM 0292(88)73 IM 2292(104)0	Z5	Z26

Plotting Date: 8/4/2025 Revised Date: 8/4/2025 NBG



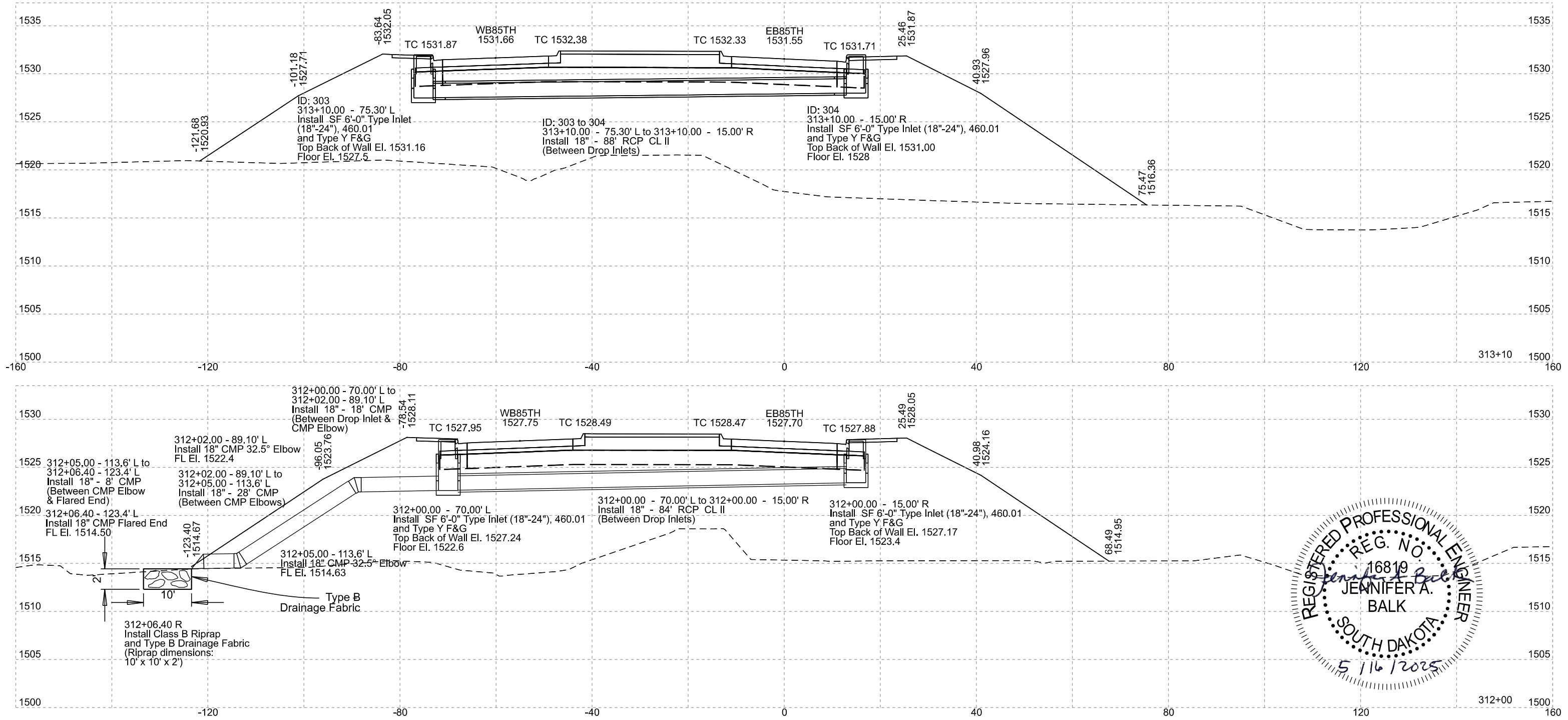
85TH STREET

FOR BIDDING PURPOSES ONLY

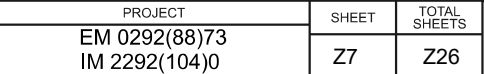


PROJECT	SHEET	TOTAL SHEETS
EM 0292(88)73 IM 2292(104)0	Z6	Z26

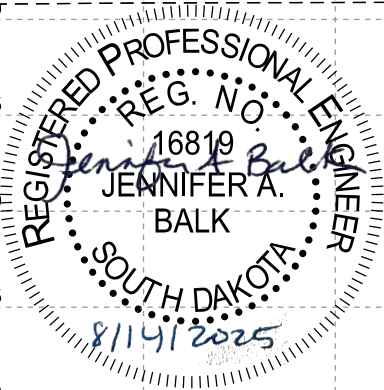
Plotting Date: 5/19/2025



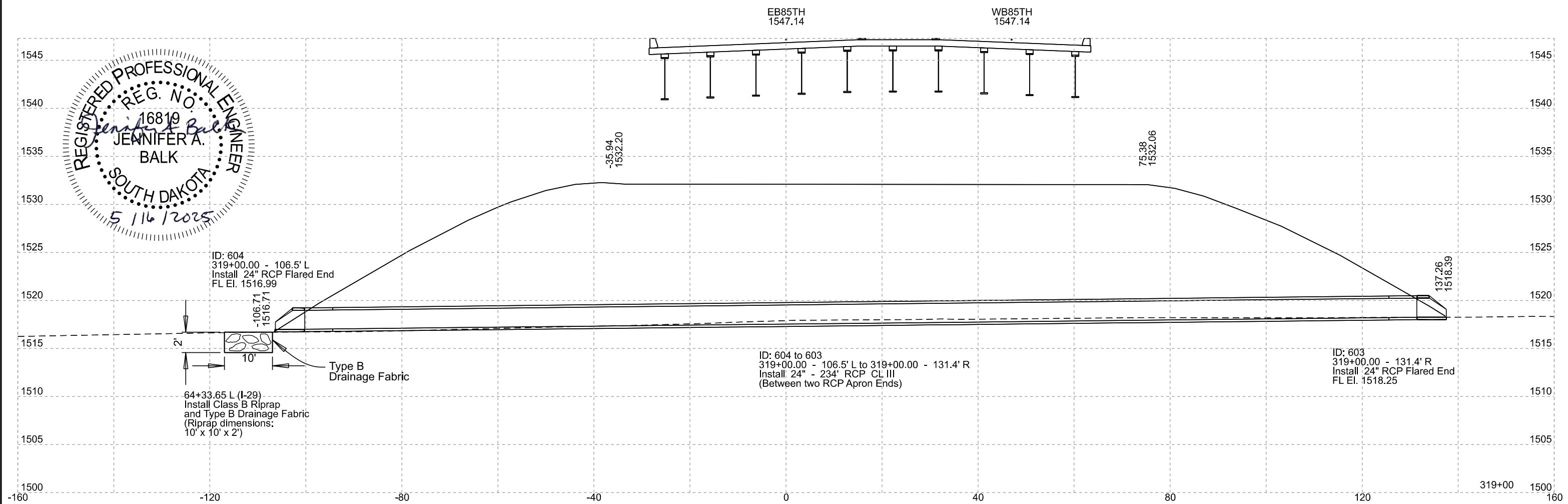
FOR BIDDING PURPOSES ONLY



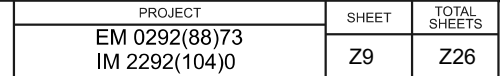
Revised Date: 8/14/2025
Initials: NBG



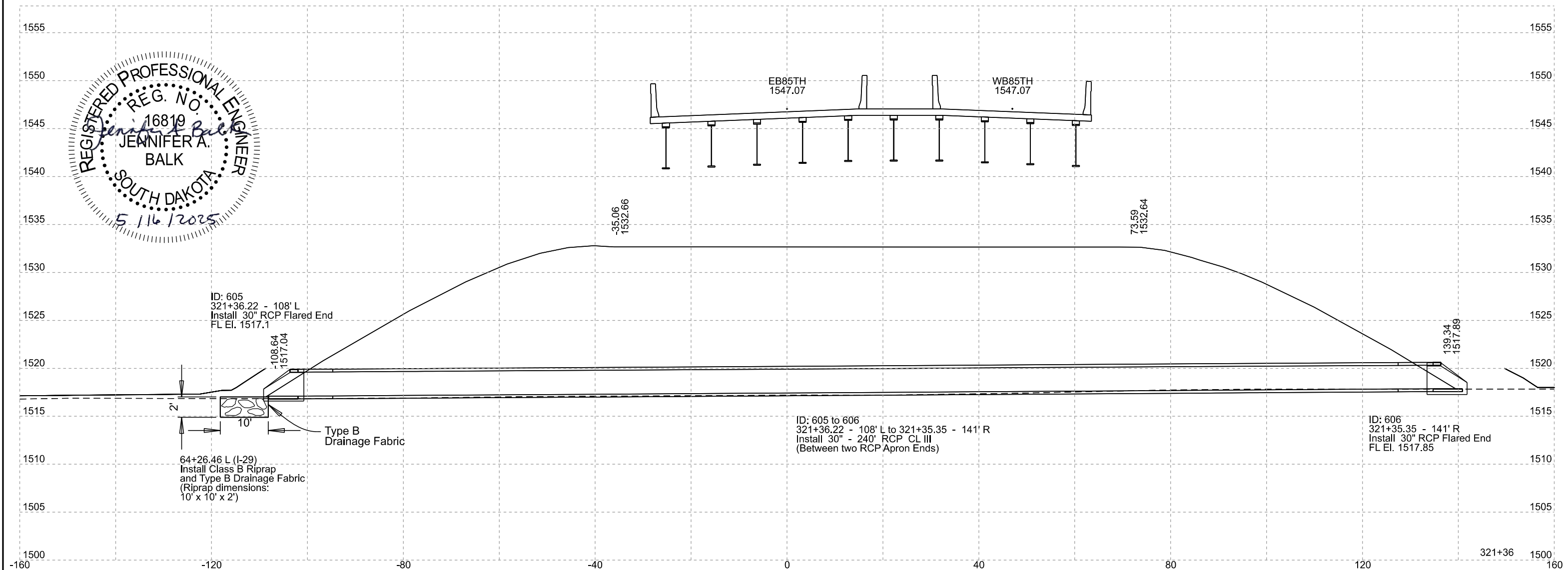
Plotting Date: 5/19/2025



FOR BIDDING PURPOSES ONLY



A circular professional engineer seal for the State of South Dakota. The outer ring contains the text "REGISTERED PROFESSIONAL ENGINEER" at the top and "SOUTH DAKOTA" at the bottom, separated by dots. The inner circle contains the text "REG. NO." at the top, the license number "16819" in the center, the name "JENNIFER A. BALK" below the number, and the expiration date "5/16/2025" at the bottom. A signature, "Jennifer A. Balk", is written across the center of the seal.



85TH STREET

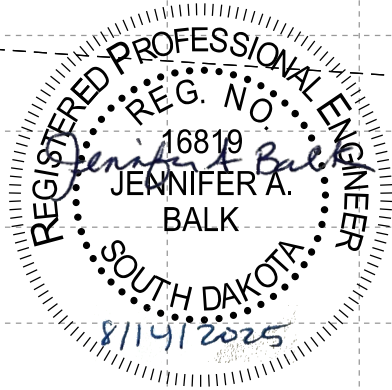
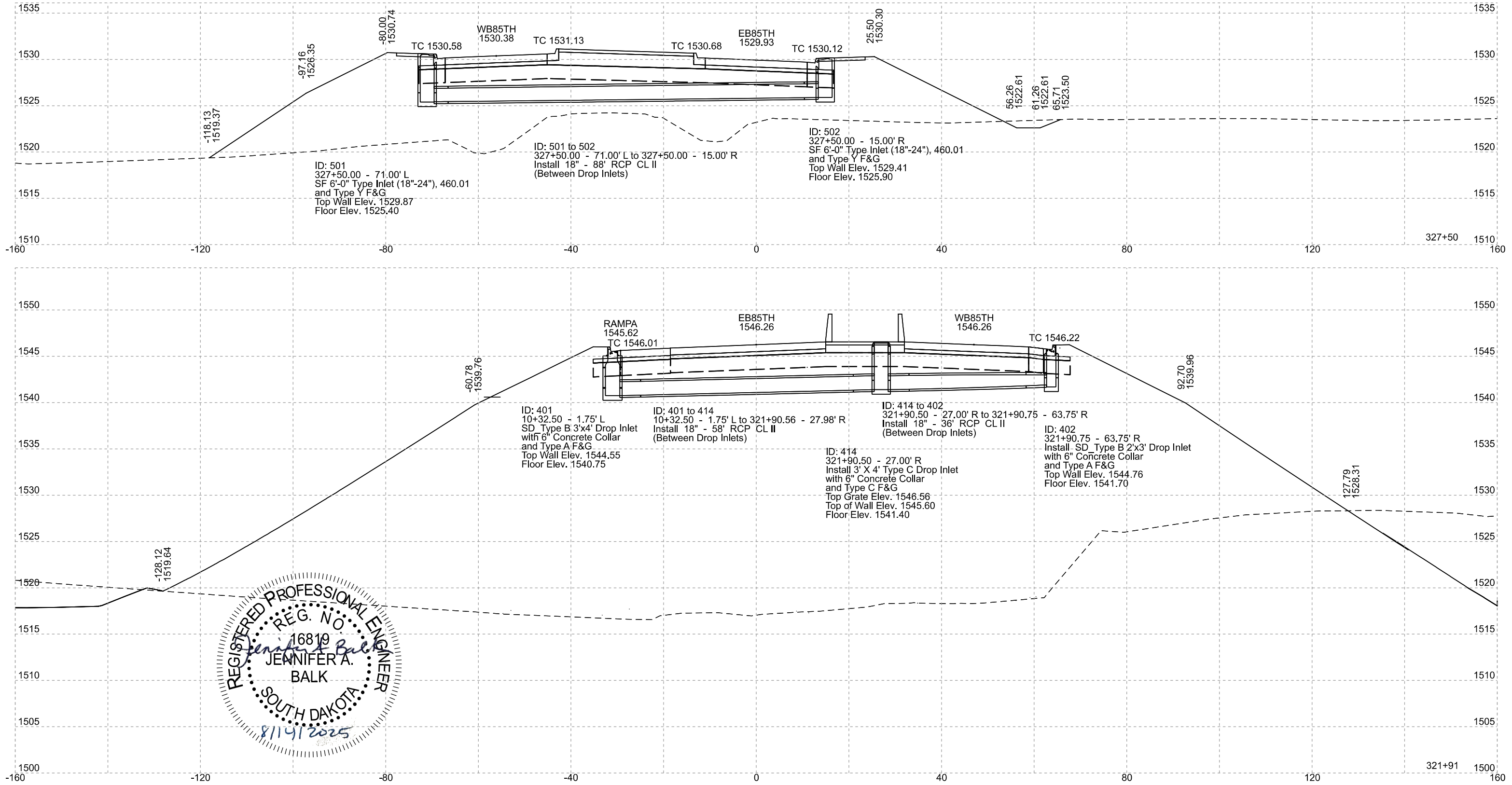
FOR BIDDING PURPOSES ONLY



PROJECT	SHEET	TOTAL SHEETS
EM 0292(88)73 IM 2292(104)0	Z10	Z26

Plotting Date: 8/14/2025

Revised Date: 8/14/2025
Initials: NBG



85TH STREET

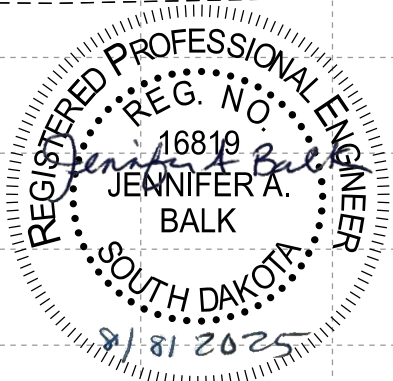
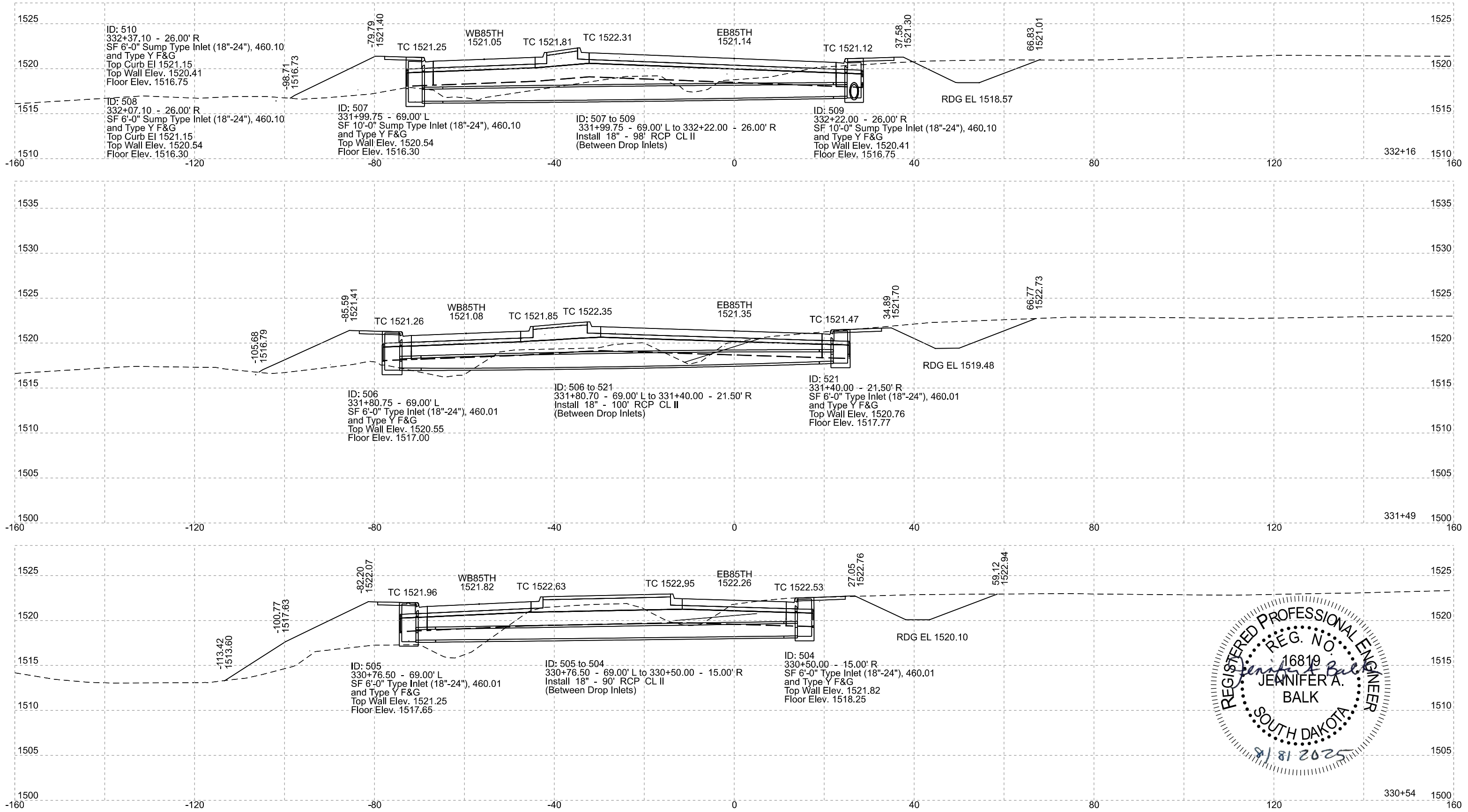
FOR BIDDING PURPOSES ONLY



PROJECT	SHEET	TOTAL SHEETS
EM 0292(88)73 IM 2292(104)0	Z11	Z26

Plotting Date: 8/7/2025

Revised Date: 8/7/2025
Initials: JAB



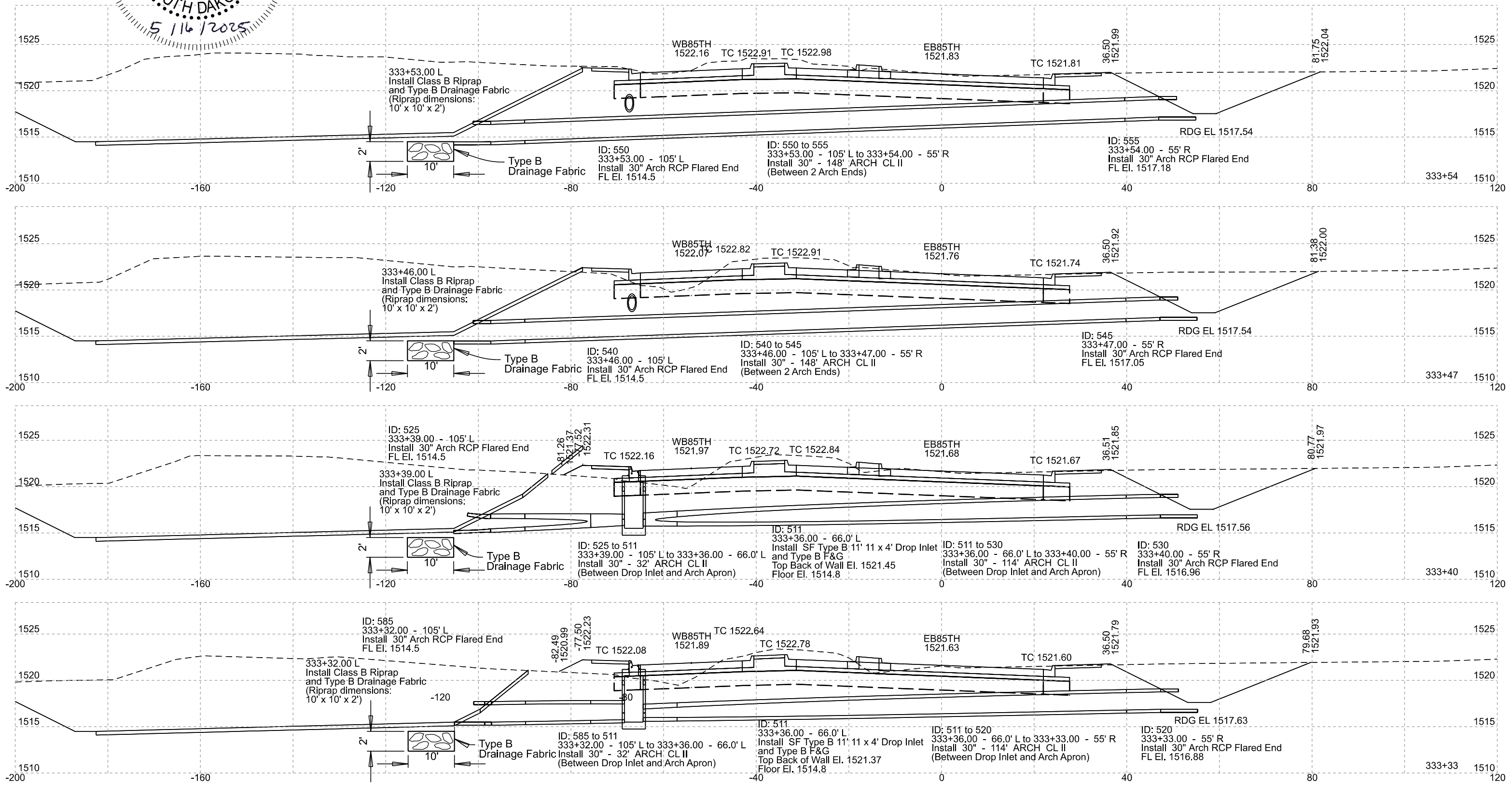
85TH STREET

FOR BIDDING PURPOSES ONLY



PROJECT	SHEET	TOTAL SHEETS
EM 0292(88)73 IM 2292(104)0	Z12	Z26

Plotting Date: 5/19/2025



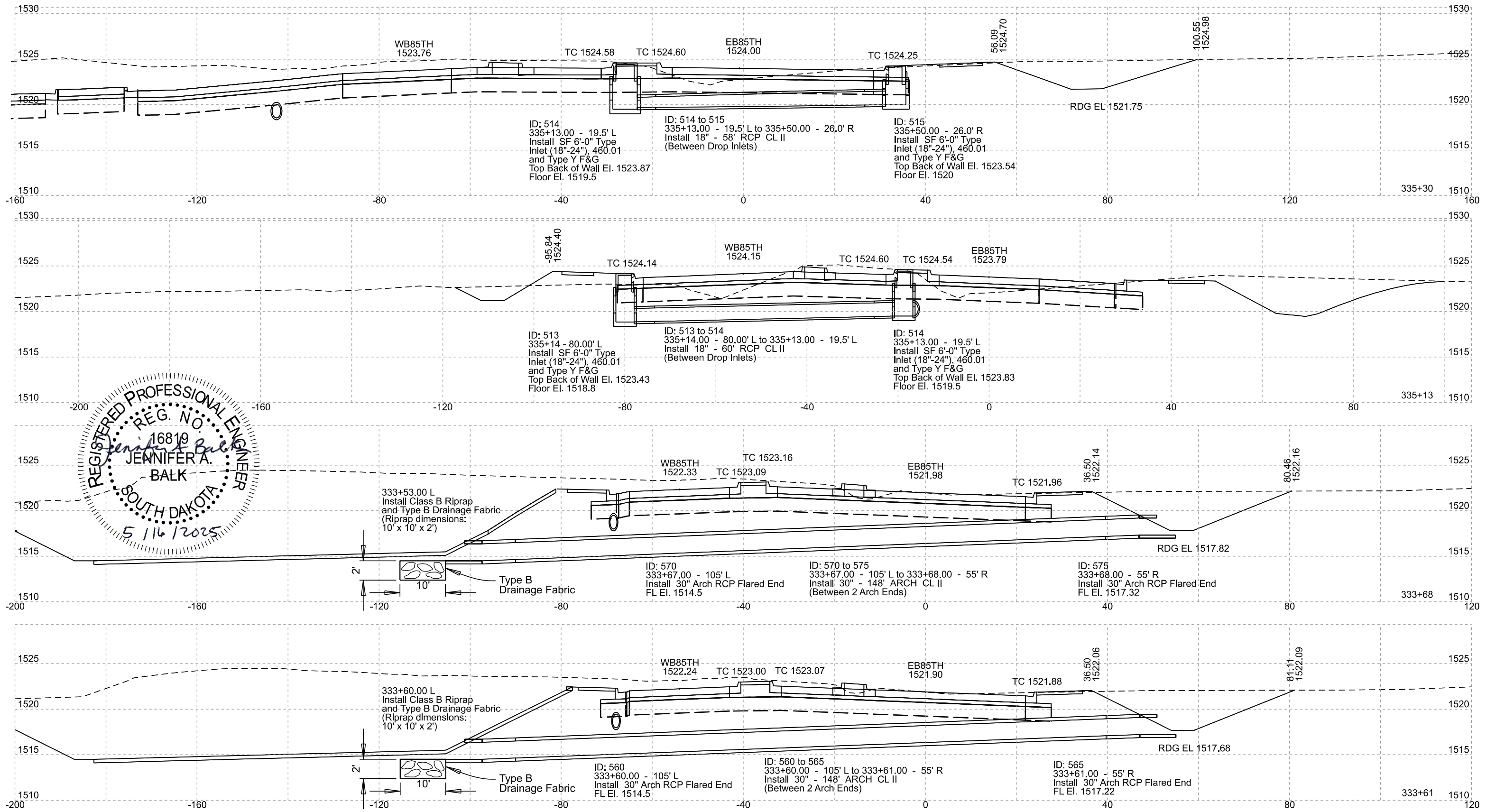
85TH STREET

FOR BIDDING PURPOSES ONLY



PROJECT	SHEET	TOTAL SHEETS
EM 0292(88)73 IM 2292(104)0	Z13	Z26

Plotting Date: 5/19/2025



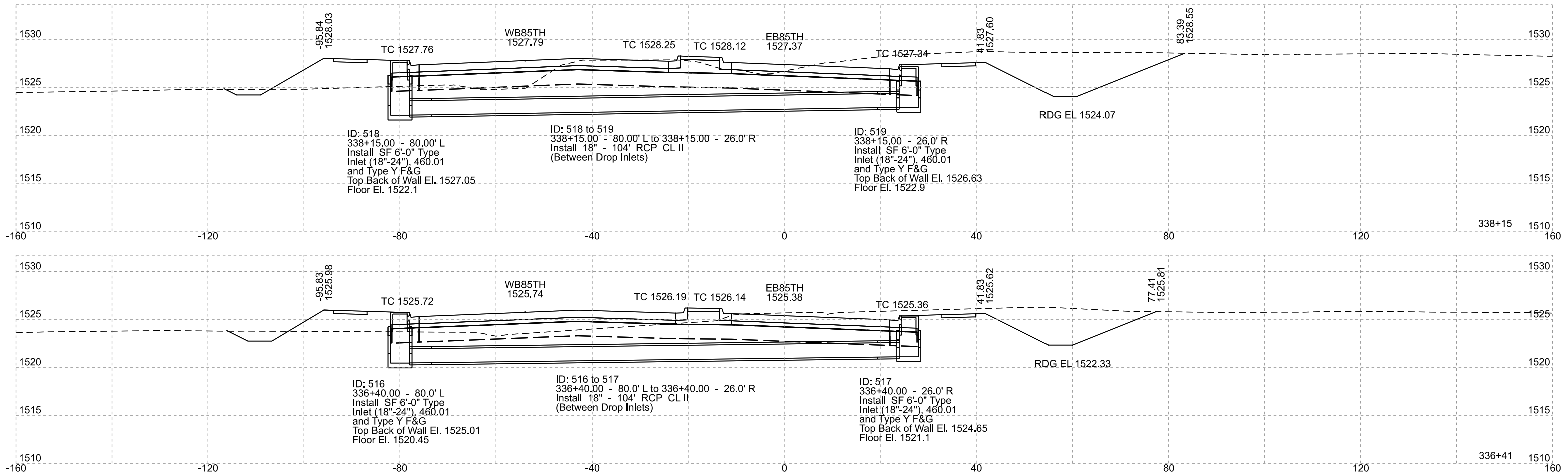
85TH STREET

FOR BIDDING PURPOSES ONLY



PROJECT	SHEET	TOTAL SHEETS
EM 0292(88)73 IM 2292(104)0	Z14	Z26

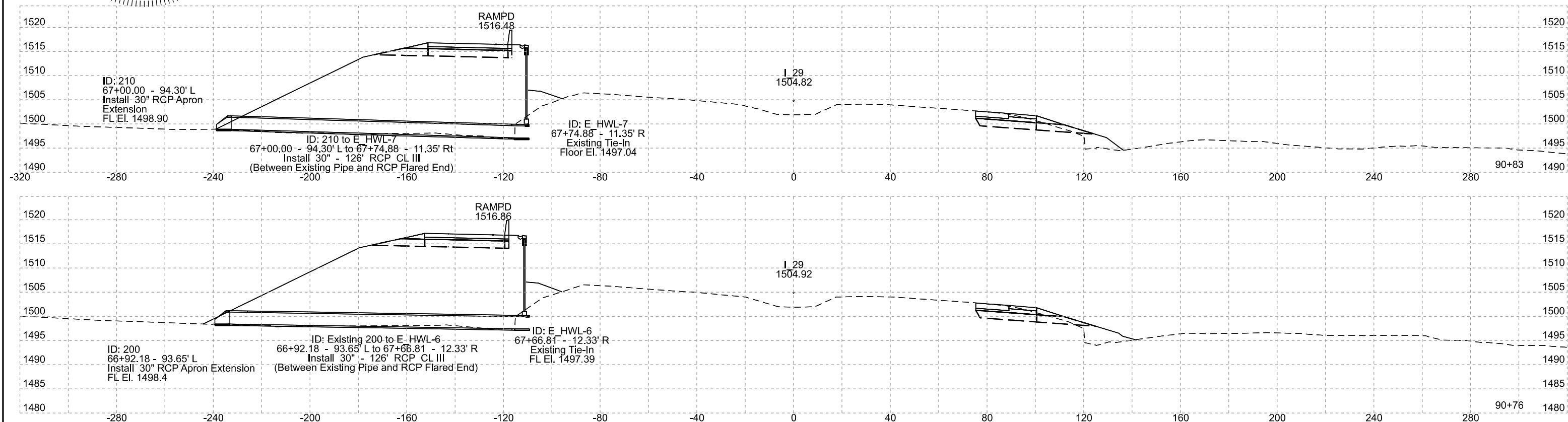
Plotting Date: 5/19/2025





Plotting Date: 5/19/2025

PROJECT	SHEET	TOTAL SHEETS
EM 0292(88)73 IM 2292(104)0	Z15	Z26



RAMP A

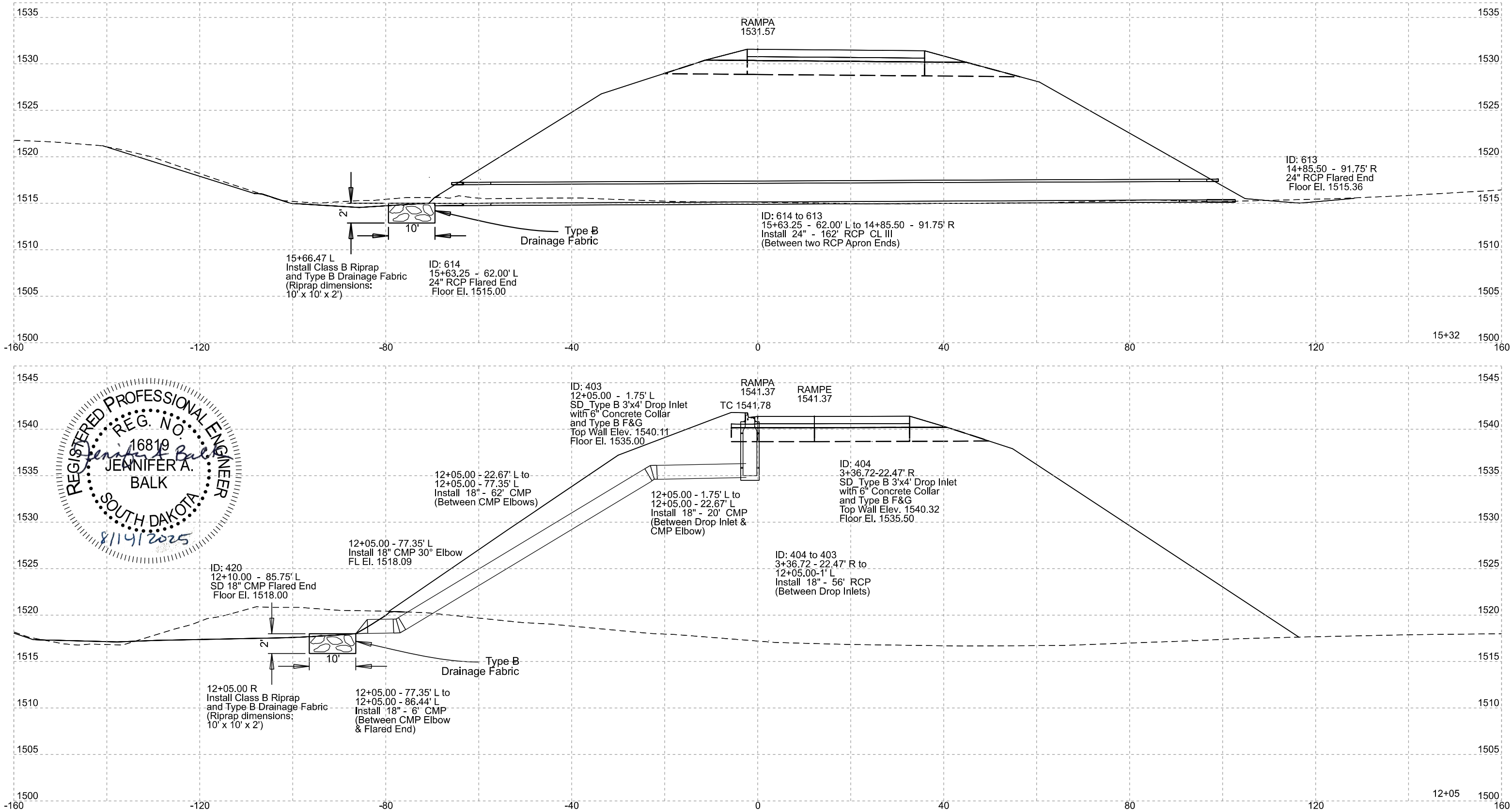
FOR BIDDING PURPOSES ONLY



PROJECT	SHEET	TOTAL SHEETS
EM 0292(88)73 IM 2292(104)0	Z16	Z26

Plotting Date: 8/14/2025

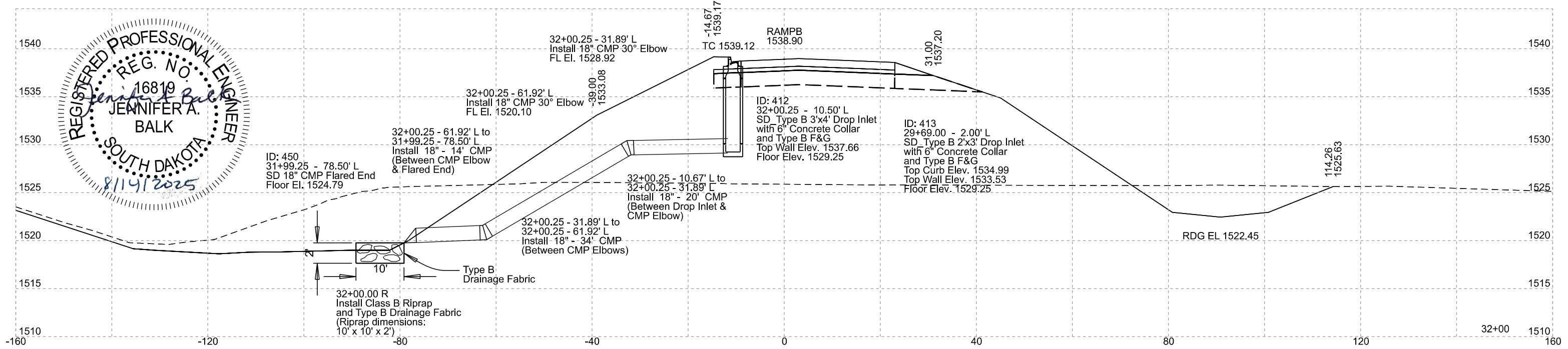
Revised Date: 8/14/2025
Initials: NBG



RAMP B

FOR BIDDING PURPOSES ONLY

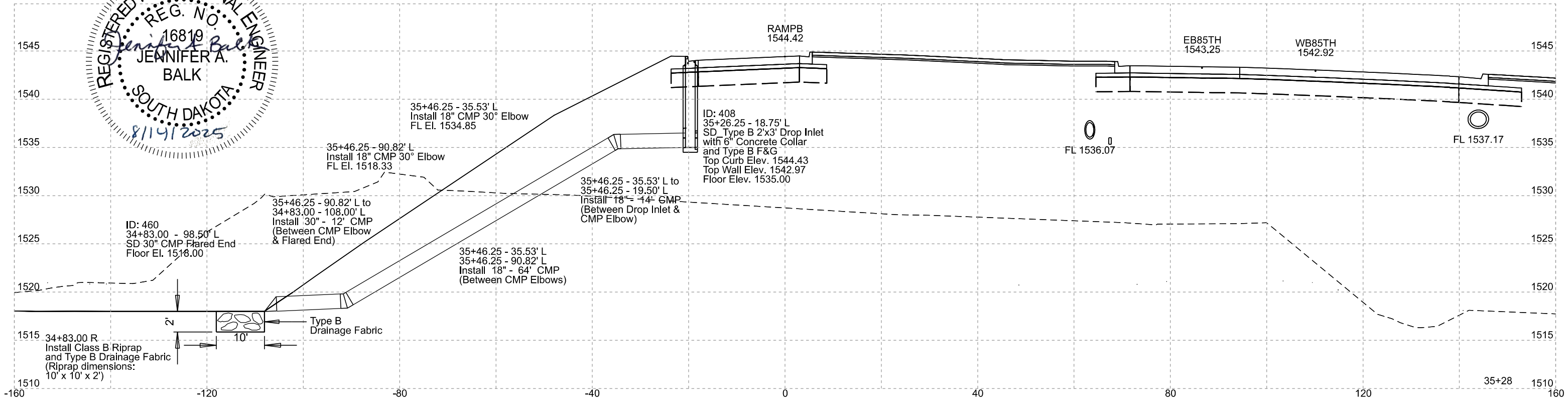
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	EM 0292(88)73 IM 2292(104)0	Z17	Z26
Plotting Date:	8/14/2025	Revised Date:	8/14/2025
		Initials:	NBG



RAMP B

FOR BIDDING PURPOSES ONLY

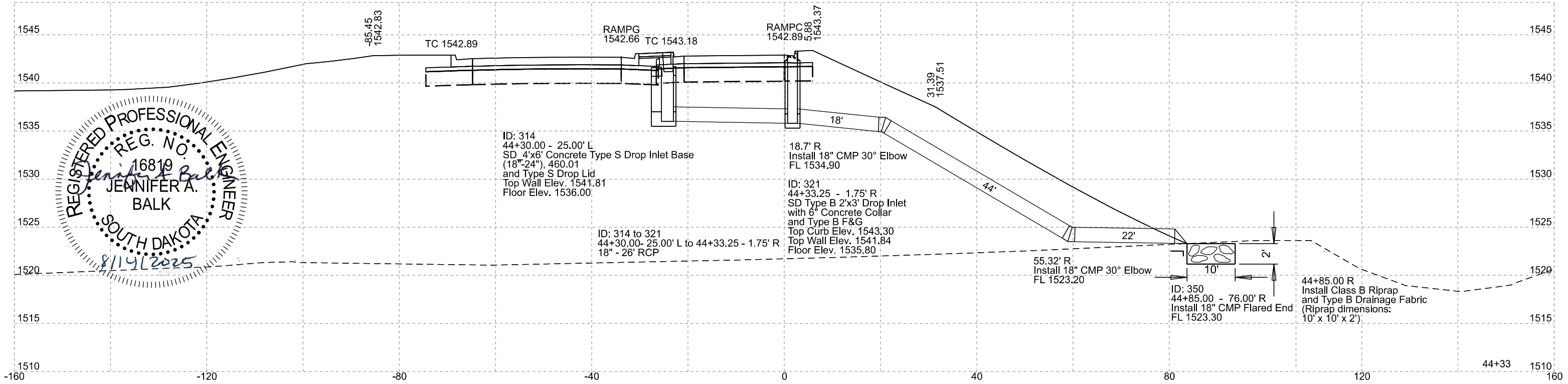
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	EM 0292(88)73 IM 2292(104)0	Z18	Z26
Plotting Date:	8/14/2025	Revised Date:	8/14/2025
		Initials:	NBG



RAMP C

FOR BIDDING PURPOSES ONLY

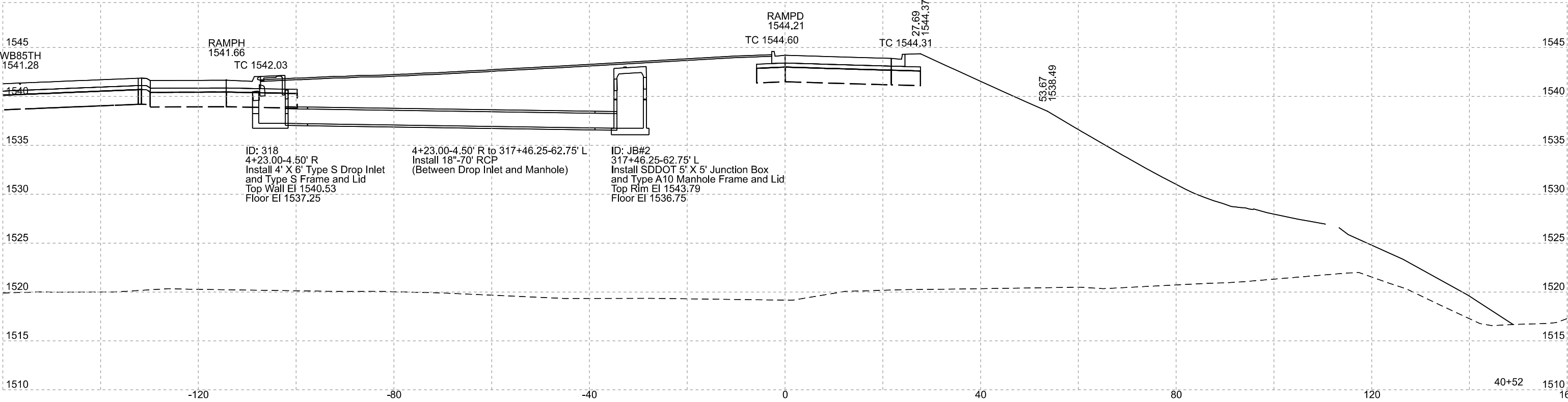
SD DOT	PROJECT	SHEET	TOTAL SHEETS
	EM 0292(88)73 IM 2292(104)0	Z19	Z26
Plotting Date:	8/14/2025	Revised Date:	8/14/2025
		Initials:	NBG



RAMP D

FOR BIDDING PURPOSES ONLY

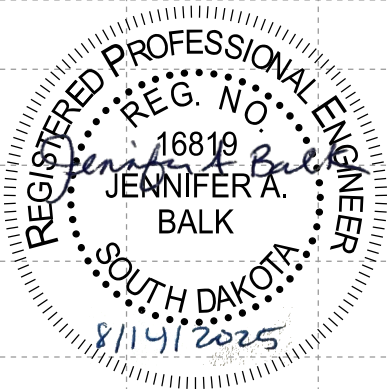
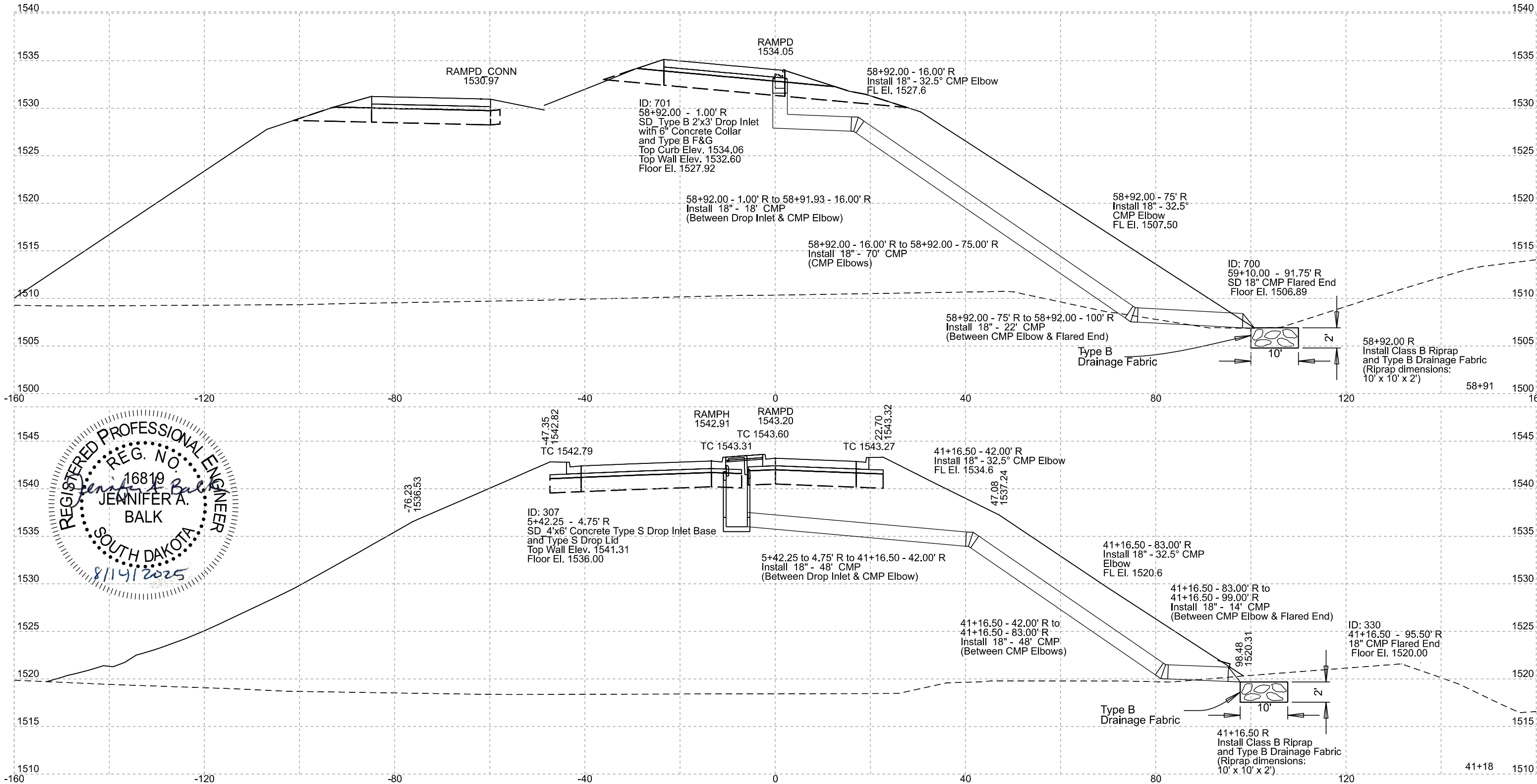
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	EM 0292(88)73 IM 2292(104)0	Z19A	Z26
Plotting Date:	7/10/2025	Revised Date:	7/10/2025
		Initials:	NBG



RAMP D

FOR BIDDING PURPOSES ONLY

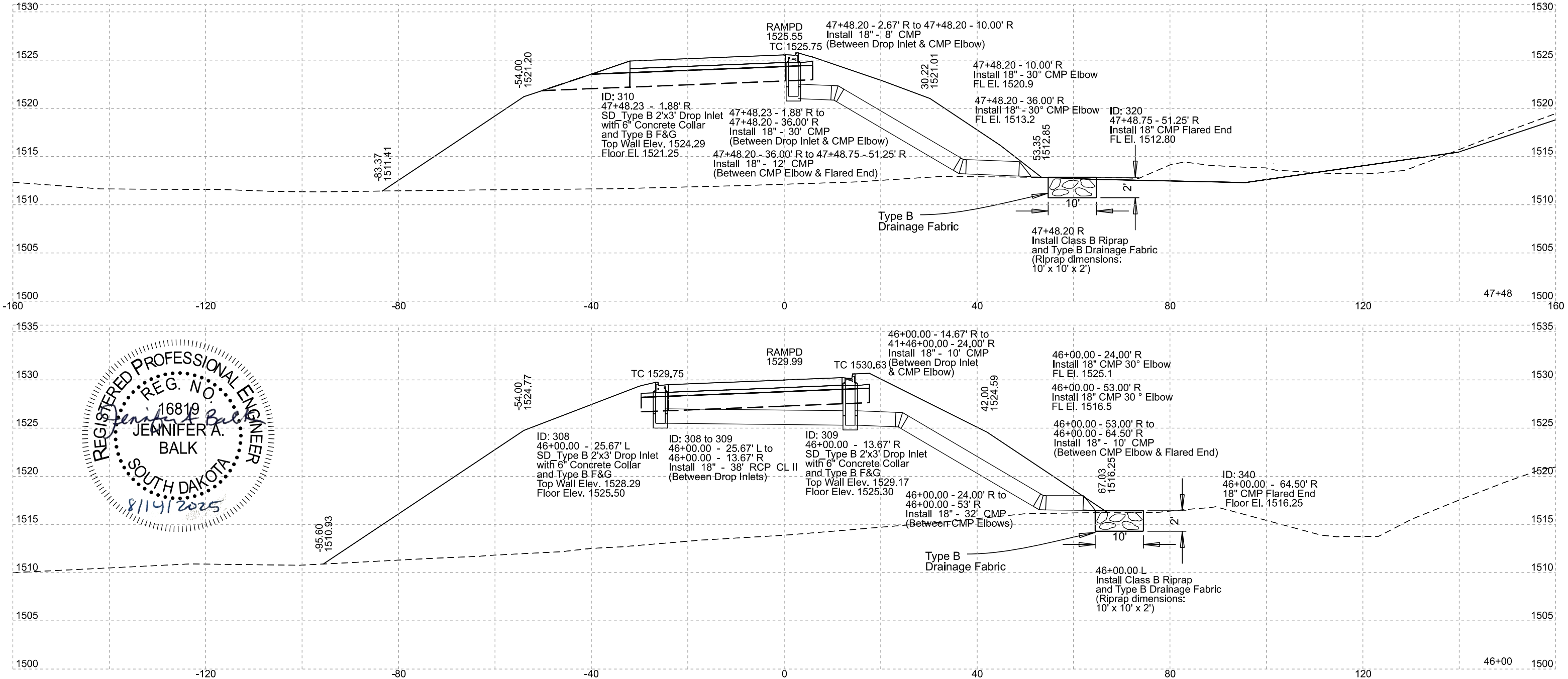
SD DOT	PROJECT	SHEET	TOTAL SHEETS
	EM 0292(88)73 IM 2292(104)0	Z20	Z26
Plotting Date:	8/14/2025	Revised Date:	8/14/2025
		Initials:	NBG



RAMP D

FOR BIDDING PURPOSES ONLY

 Plotting Date: 8/14/2025	PROJECT EM 0292(88)73 IM 2292(104)0	SHEET Z21	TOTAL SHEETS Z26
	Revised Date: 8/14/2025 Initials: NBG		

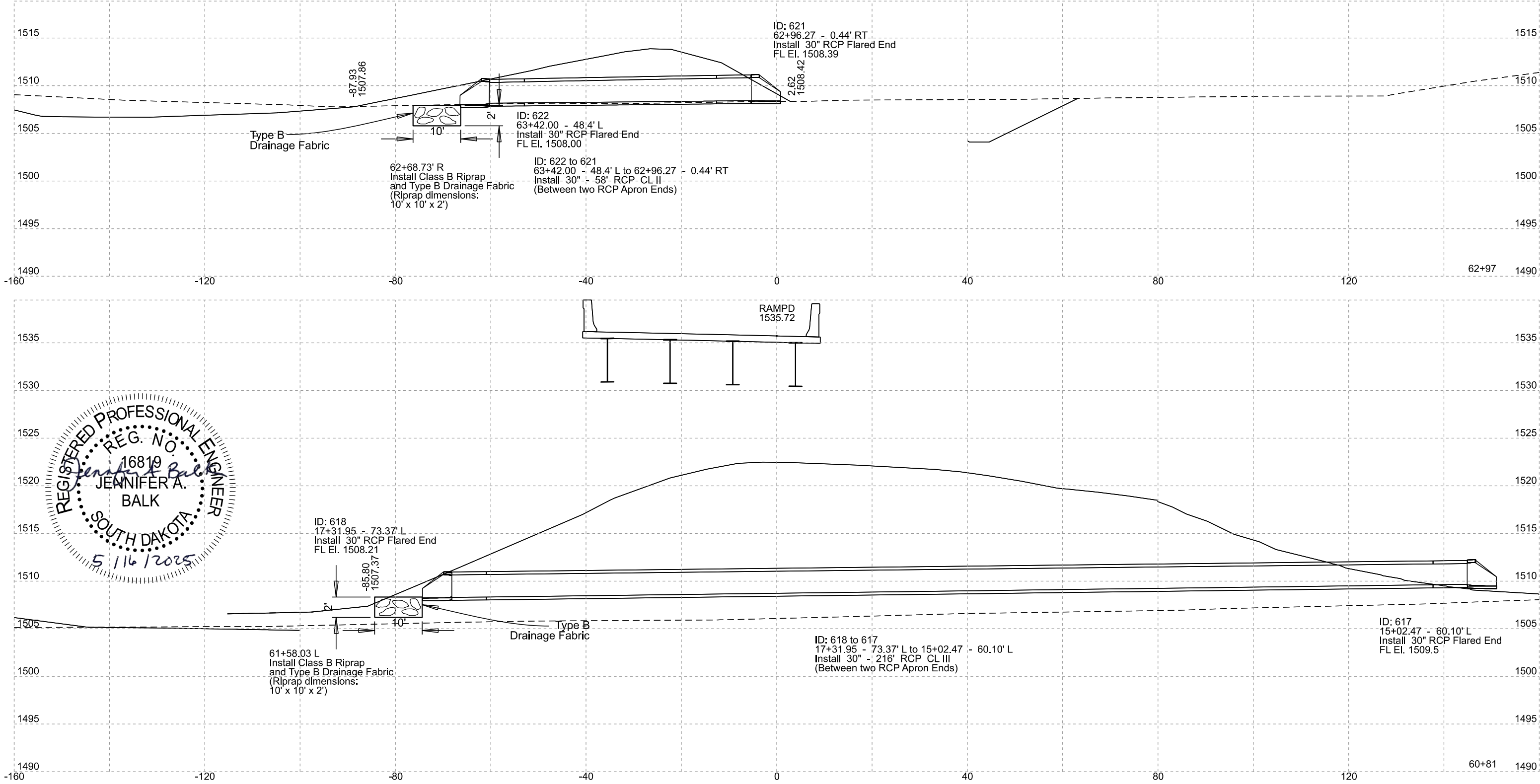


RAMP D

FOR BIDDING PURPOSES ONLY

SD DOT	PROJECT	SHEET	TOTAL SHEETS
	EM 0292(88)73 IM 2292(104)0	Z22	Z26

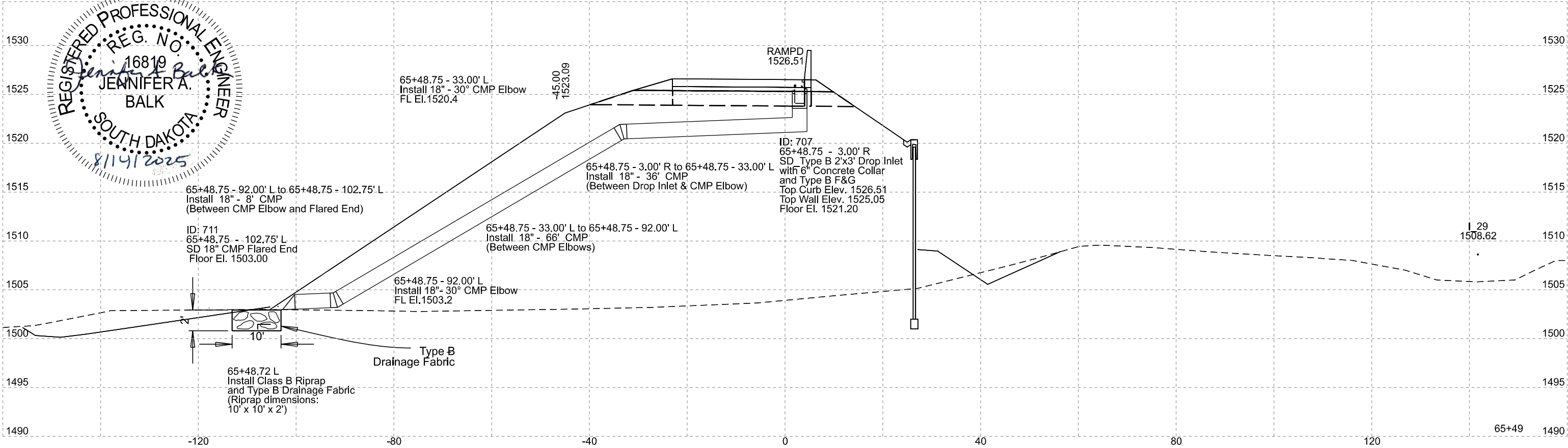
Plotting Date: 5/19/2025



RAMP D

FOR BIDDING PURPOSES ONLY

	PROJECT	SHEET	TOTAL SHEETS
	EM 0292(88)73 IM 2292(104)0	Z23	Z26
Plotting Date:	8/14/2025	Revised Date:	8/14/2025
		Initials:	NBG



RAMP D CONN

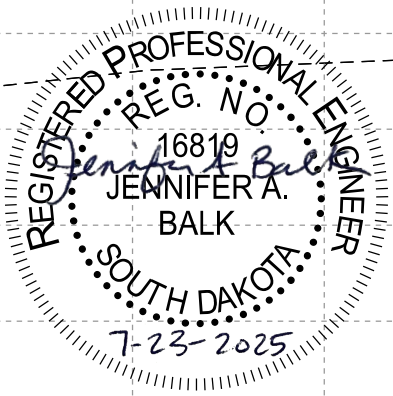
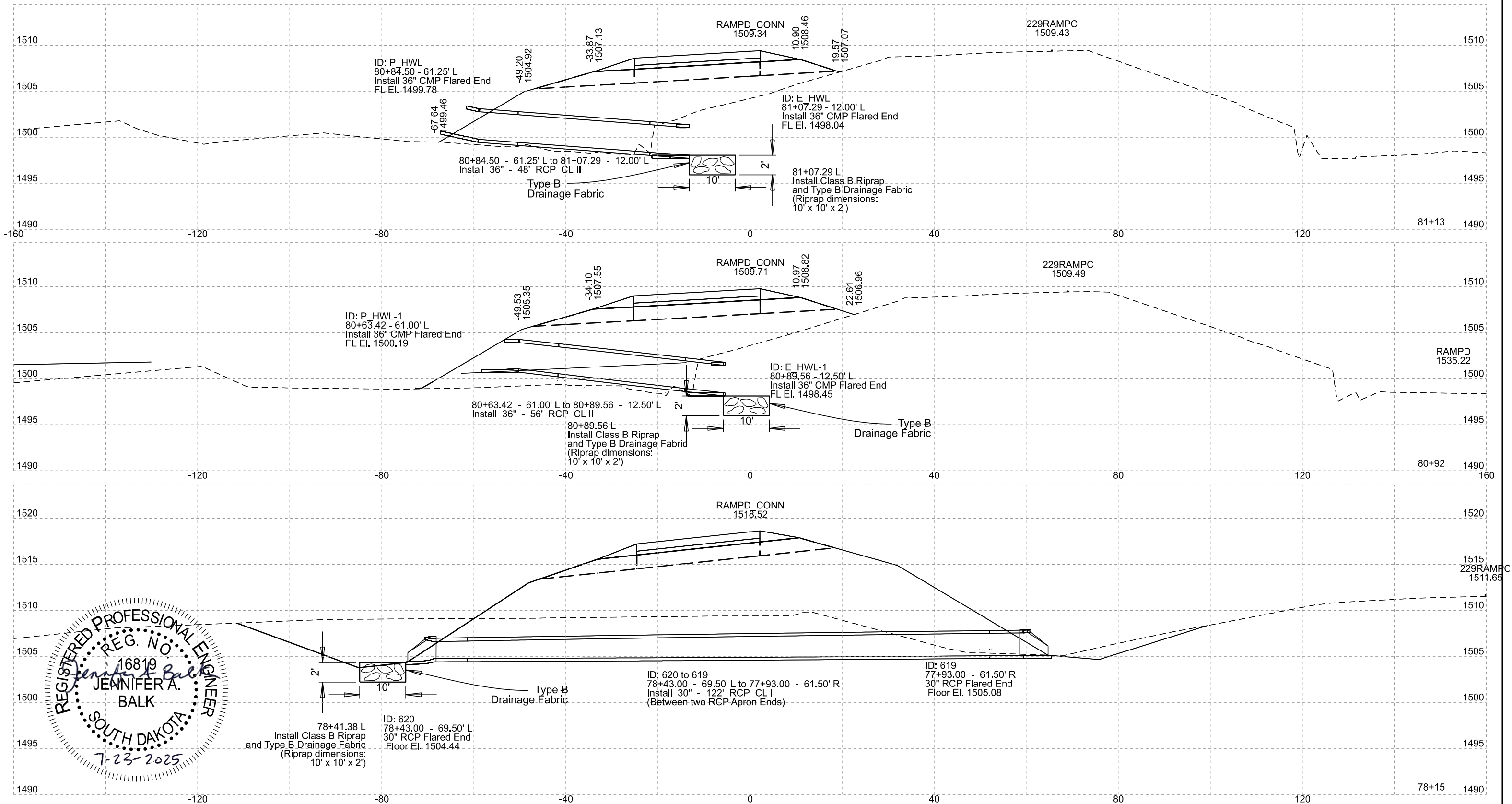
FOR BIDDING PURPOSES ONLY



PROJECT	SHEET	TOTAL SHEETS
EM 0292(88)73 IM 2292(104)0	Z24	Z26

Plotting Date: 7/10/2025

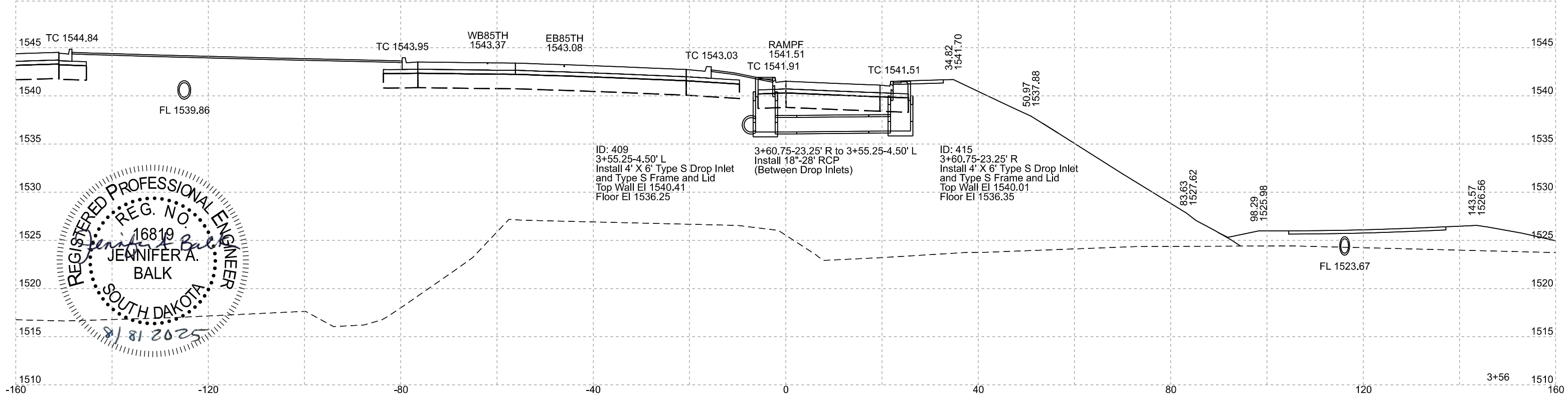
Revised Date: 6/27/2025
Initials: NBG



RAMP F

FOR BIDDING PURPOSES ONLY

	PROJECT	SHEET	TOTAL SHEETS
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Plotting Date:	8/7/2025	Revised Date:	6/27/2025
		Initials:	NBG



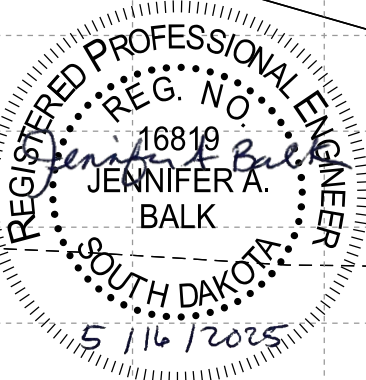
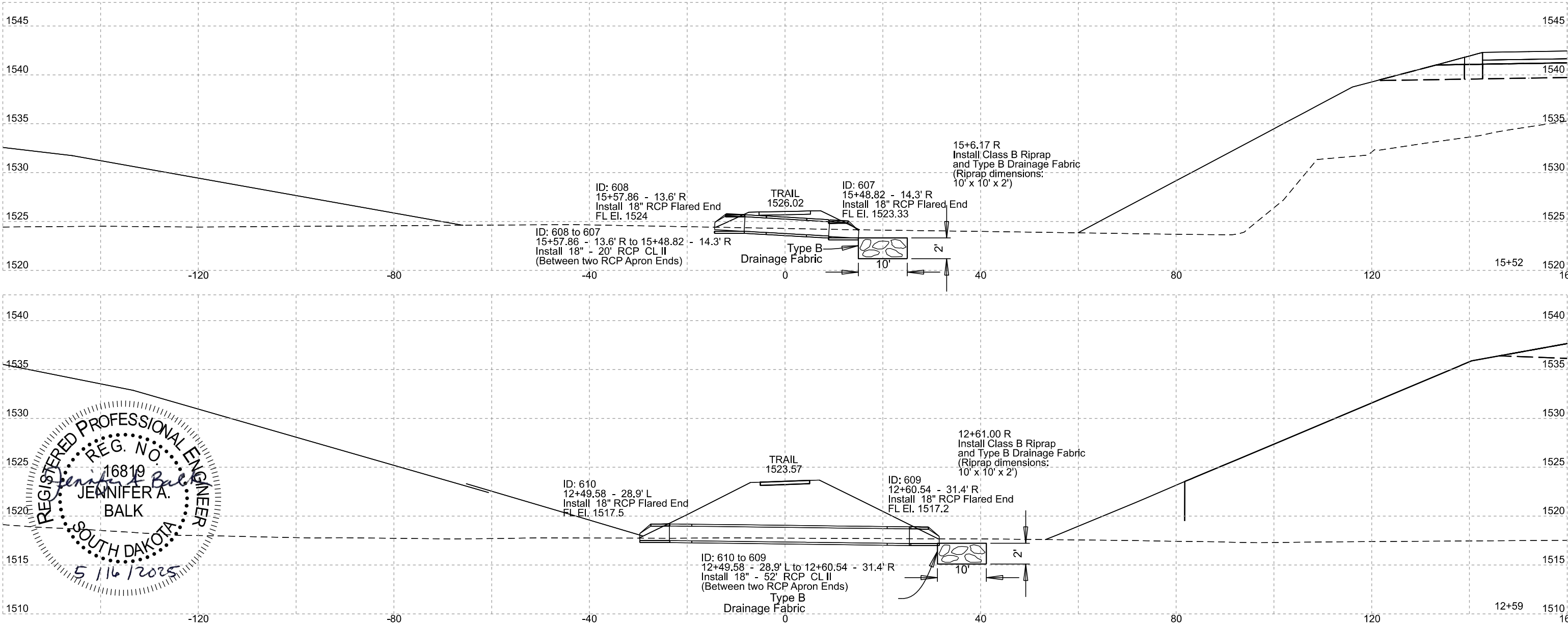
TRAIL

FOR BIDDING PURPOSES ONLY



PROJECT	SHEET	TOTAL SHEETS
EM 0292(88)73 IM 2292(104)0	Z26	Z26

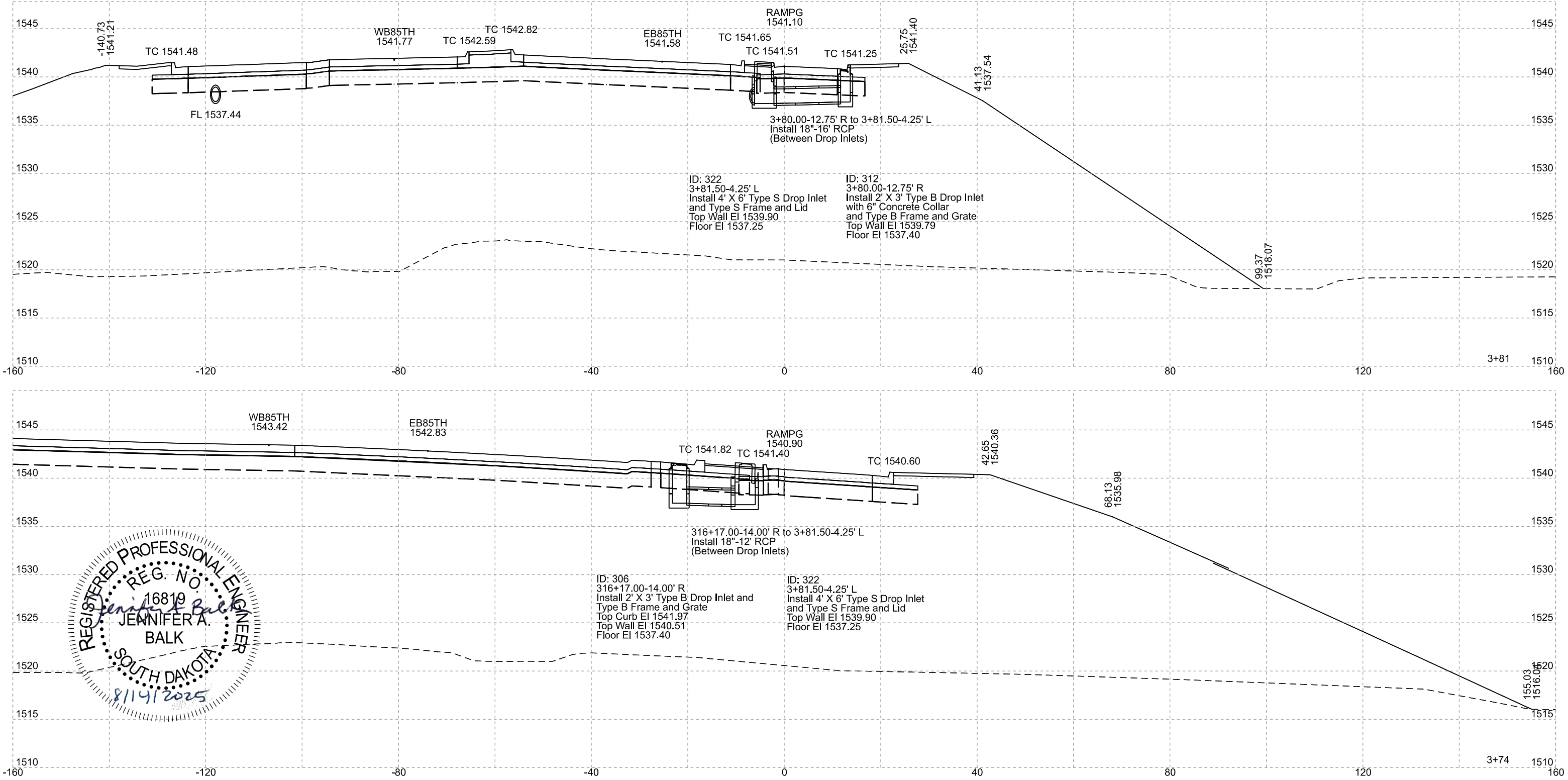
Plotting Date: 5/19/2025



RAMP G

FOR BIDDING PURPOSES ONLY

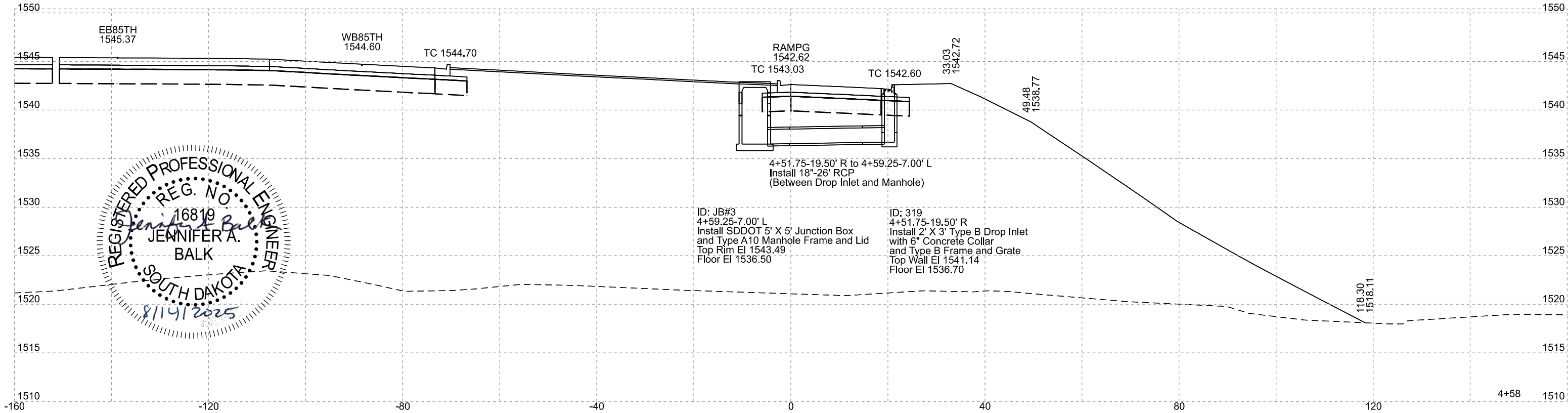
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	Revised Date: 8/14/2025 Initials: NBG		



RAMP G

FOR BIDDING PURPOSES ONLY

	PROJECT	SHEET	TOTAL SHEETS
	EM 0292(88)73 IM 2292(104)0	Z26B	Z26
Plotting Date:	8/14/2025	Revised Date:	8/14/2025
		Initials:	NBG



RAMP H

FOR BIDDING PURPOSES ONLY

	PROJECT	SHEET	TOTAL SHEETS
	EM 0292(88)73 IM 2292(104)0	Z26C	Z26
Plotting Date:	7/10/2025	Revised Date:	7/10/2025
		Initials:	NBG

