

SECTION Z: PIPE SECTIONS

FOR BIDDING PURPOSES ONLY

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	IM-B-CR 2292(101)3	Z1	Z30

Plotting Date: 11/15/2024

INDEX OF SHEETS

- Z1 General Layout with Index
- Z2 Pipe Sections Layout Sheet
- Z3-Z8 I-229 Pipe Sections
- Z9-Z10 Ramp A Pipe Sections
- Z11 Ramp B Pipe Sections
- Z12 Ramp C Pipe Sections
- Z13-Z14 Ramp D Pipe Sections
- Z15-Z22 Cliff Avenue Pipe Sections
- Z23-Z25 41st Street Pipe Sections
- Z26 School Entrance Pipe Sections
- Z27-Z30 Exit 3 Crossover Pipe Sections



END IM-B-CR 2292(101)3

NB Cliff Ave. 126+02.67
 Located 1155.78 feet North and
 36.79 feet West of the
 southeast corner of Section 28 -
 Township 101 North -
 Range 49 West of the 5th PM.

STR. NO. 50-211-231

STR. NO. 50-211-230

BEGIN IM-B-CR 2292(101)3

NB I-229 Station 178+00.00
 Located 917.81 feet South and
 3016.64 feet West of the
 northeast corner of Section 33 -
 Township 101 North -
 Range 49 West of the 5th PM.
 MRM 003.26+0.243

END IM-B-CR 2292(101)3

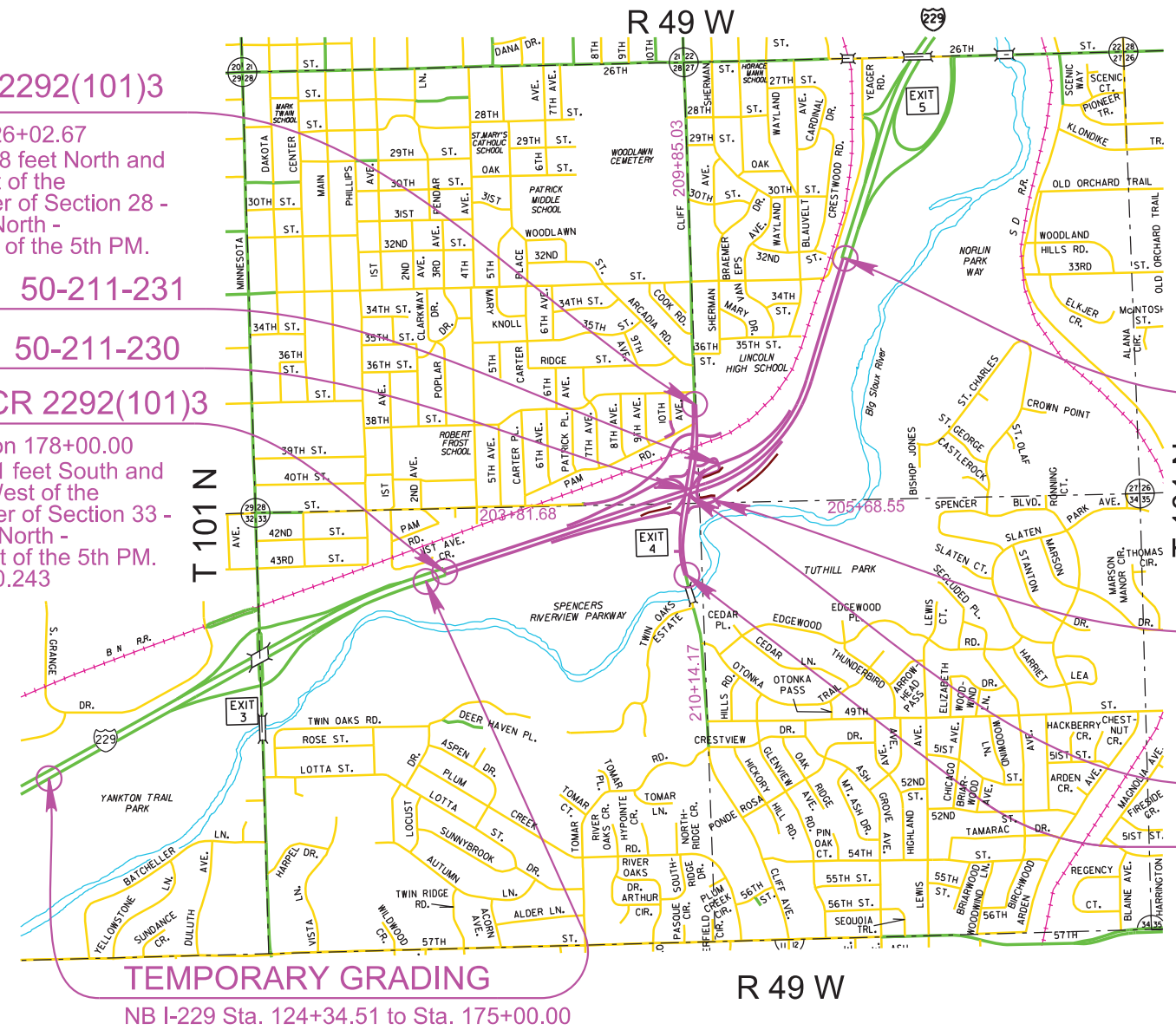
NB I-229 Station 245+03.64
 Located 2934.62 feet North and
 1765.55 feet East of the
 southwest corner of Section 27 -
 Township 101 North -
 Range 49 West of the 5th PM.
 MRM 004.37+0.465

STR. NO. 50-210-231

STR. NO. 50-210-230

BEGIN IM-B-CR 2292(101)3

NB Cliff Ave. Station 105+40.80
 Located 890.68 feet South and
 115.85 feet West of the
 northeast corner of Section 33 -
 Township 101 North -
 Range 49 West of the 5th PM.



TEMPORARY GRADING

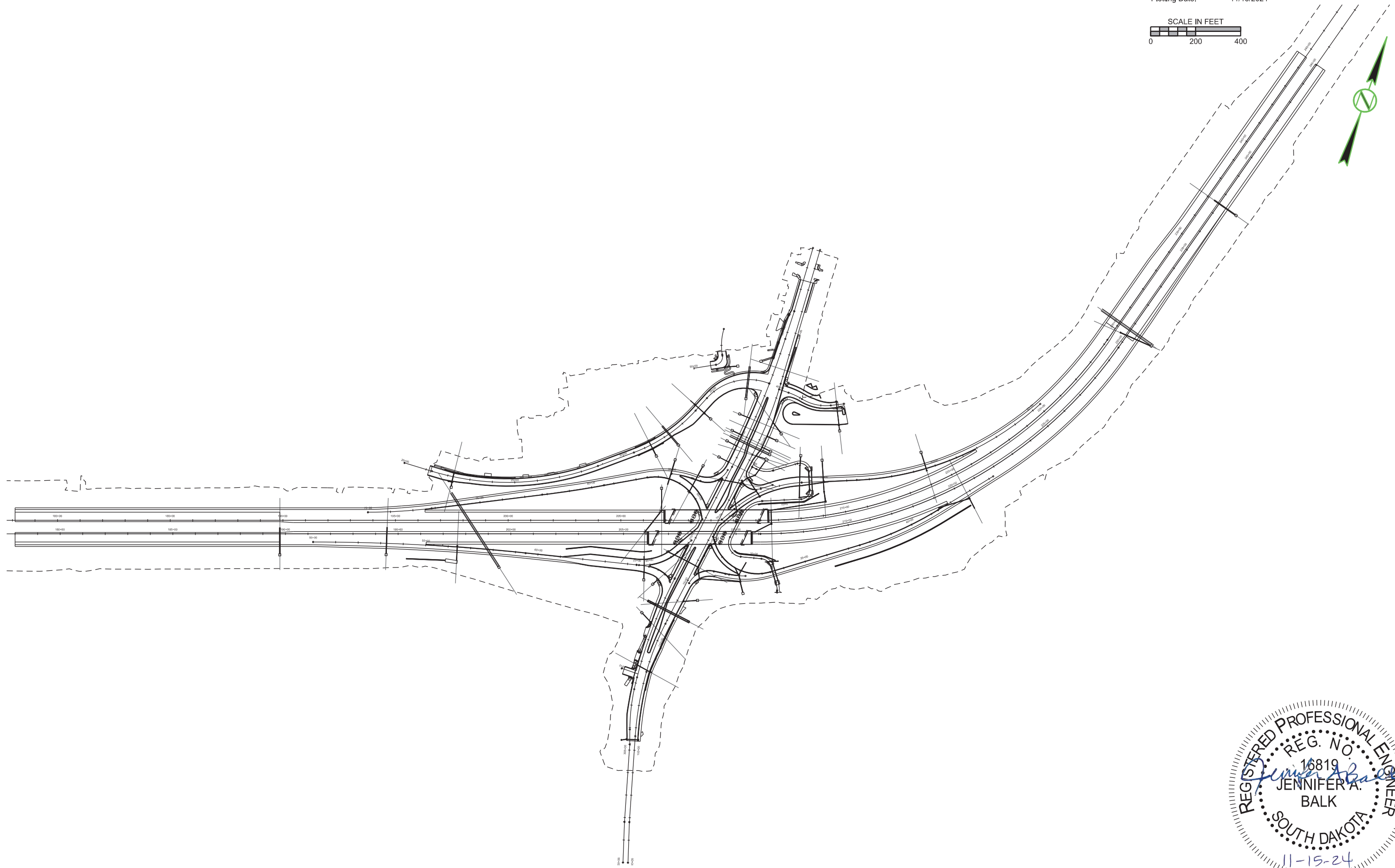
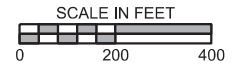
NB I-229 Sta. 124+34.51 to Sta. 175+00.00

PIPE SECTIONS LAYOUT

FOR BIDDING PURPOSES ONLY

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	IM-B-CR 2292(101)3	Z2	Z30

Plotting Date: 11/15/2024



Plot Scale - 1:400

Plotted From - ngiersvik

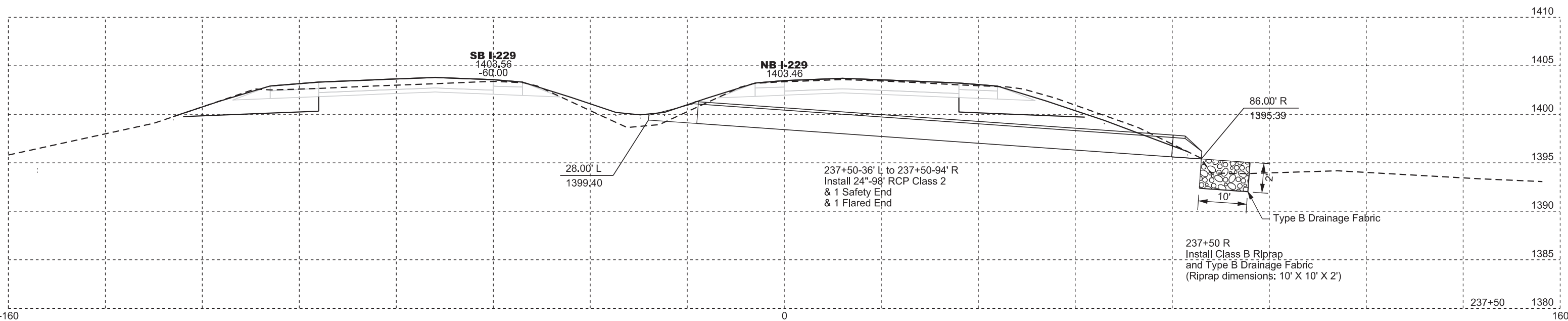
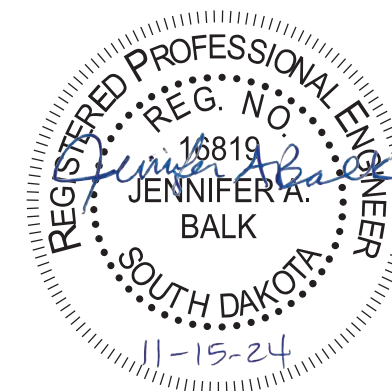
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I-229

Plotting Date: 11/15/2024

FOR BIDDING PURPOSES ONLY

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	IM-B-CR 2292(101)3	Z3	Z30

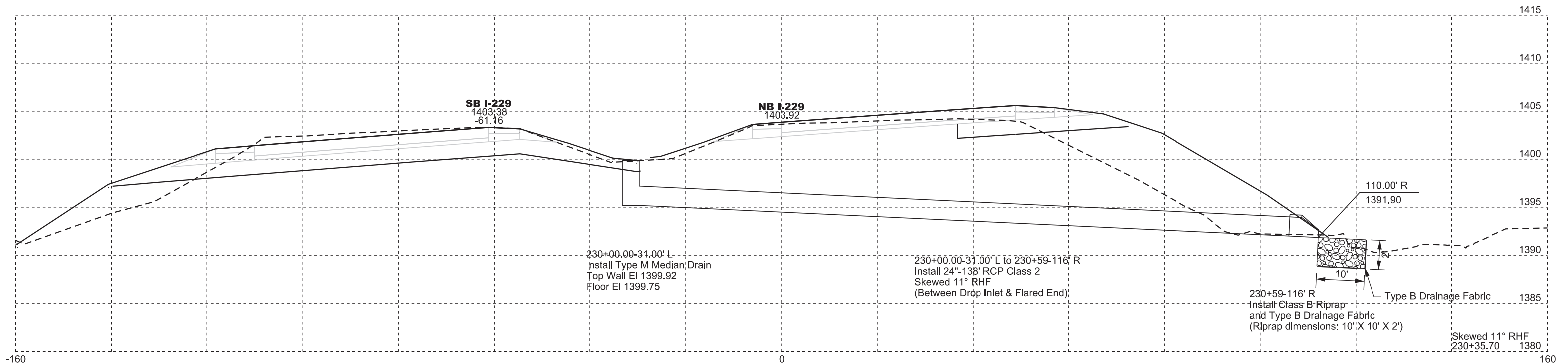
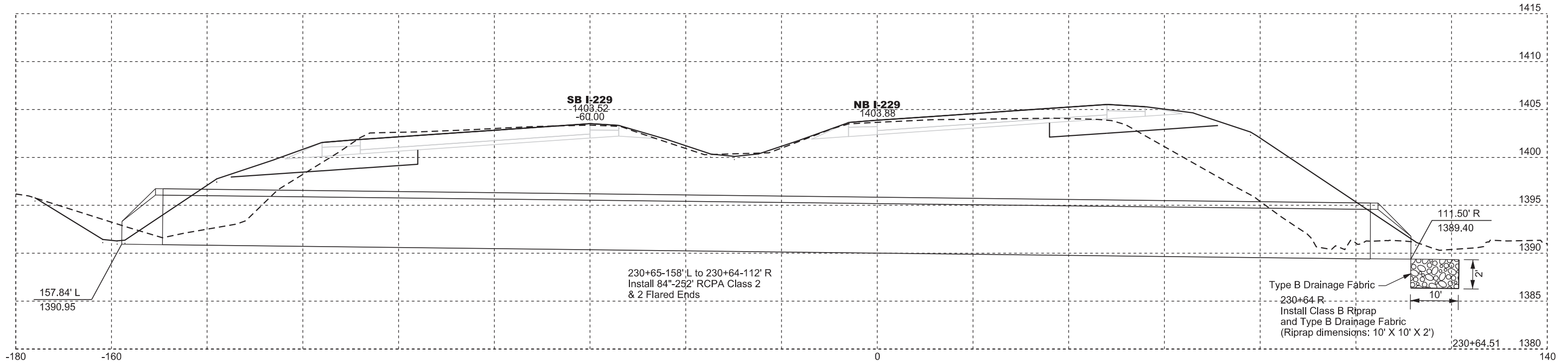


I-229

Plotting Date: 11/15/2024

FOR BIDDING PURPOSES ONLY

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	IM-B-CR 2292(101)3	Z4	Z30

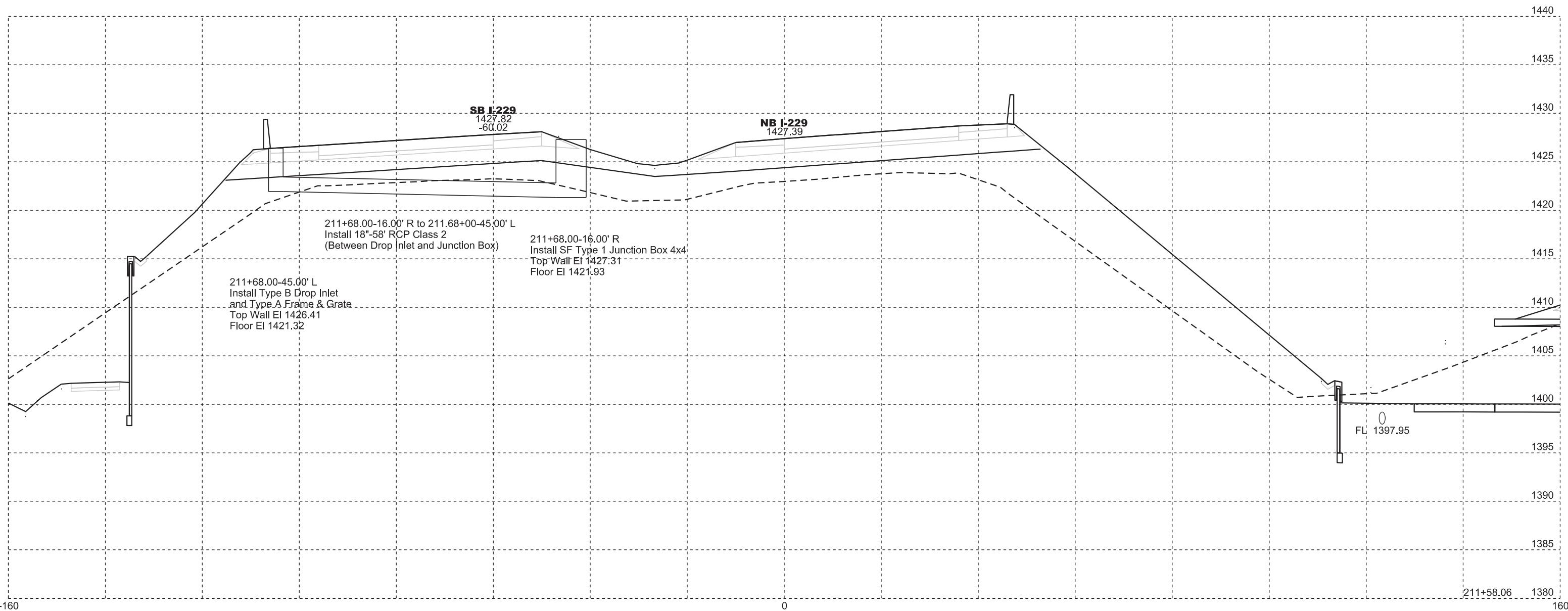
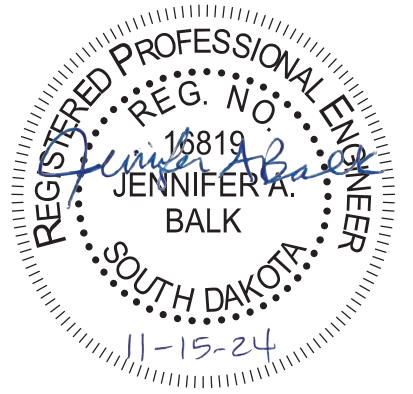


I-229

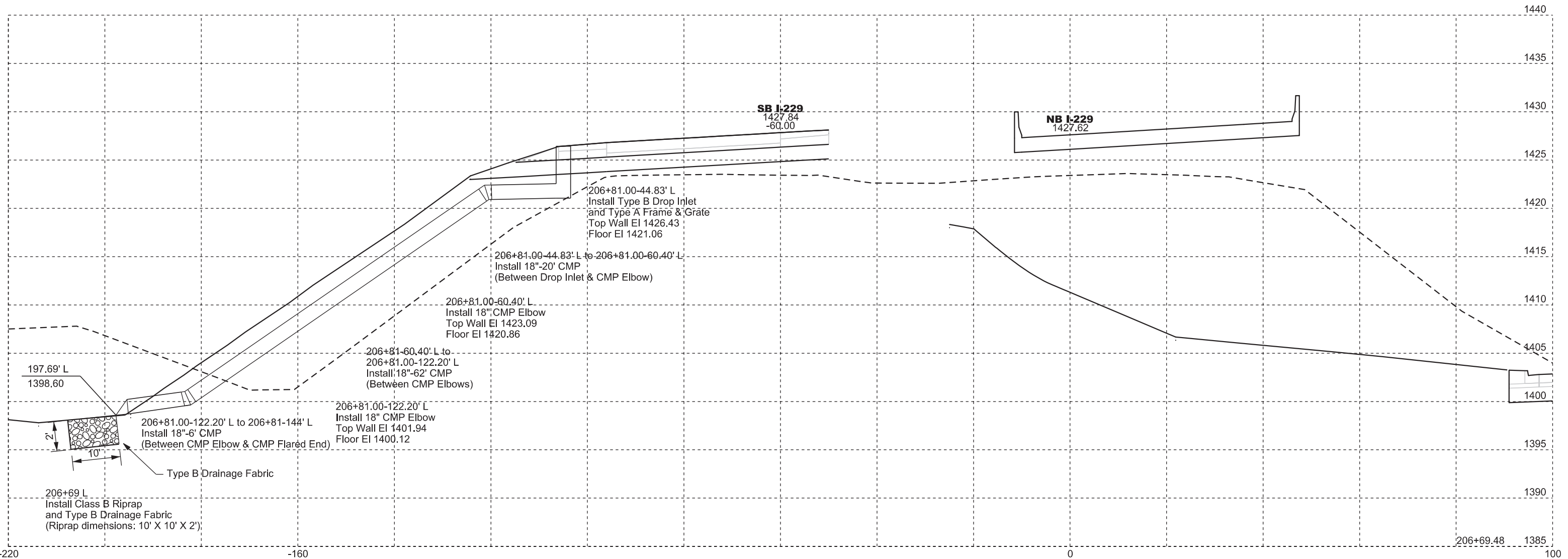
Plotting Date: 11/15/2024

FOR BIDDING PURPOSES ONLY

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	IM-B-CR 2292(101)3	Z5	Z30



STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	IM-B-CR 2292(101)3	Z6	Z30

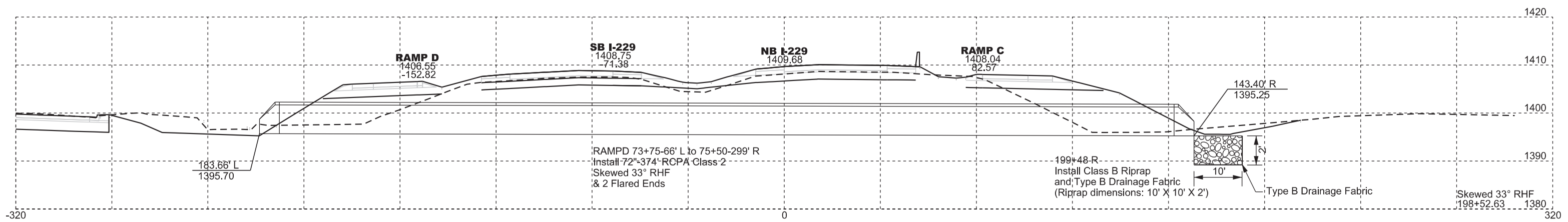
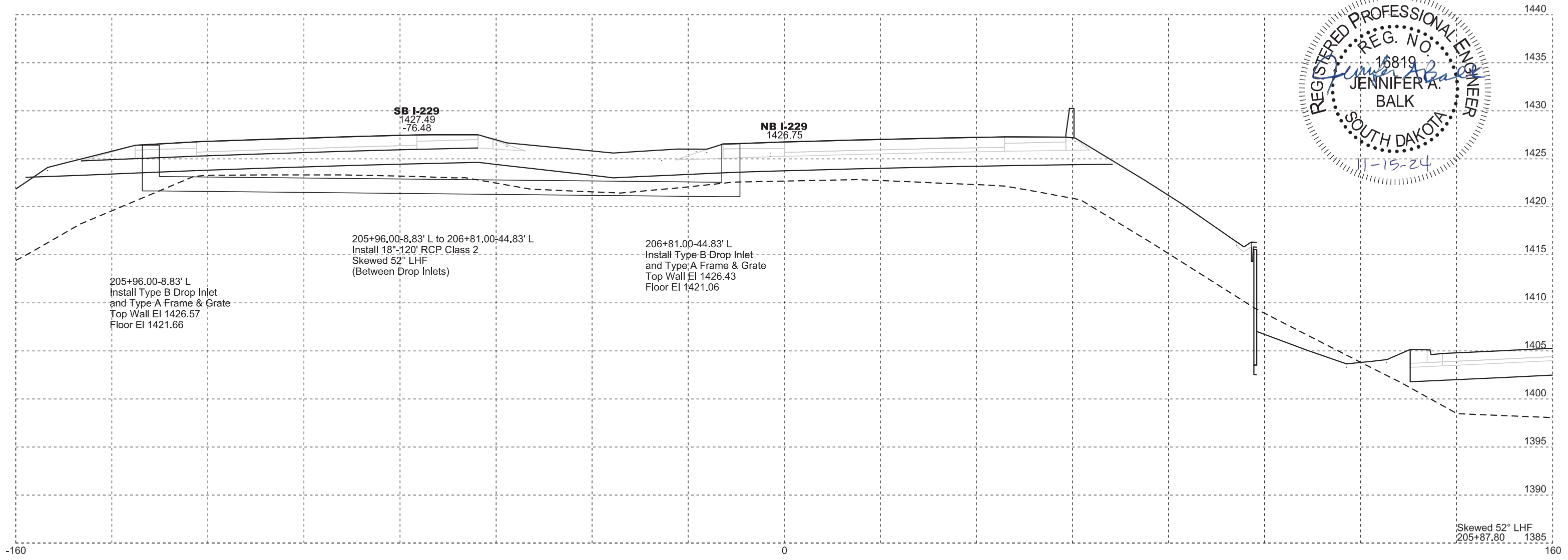
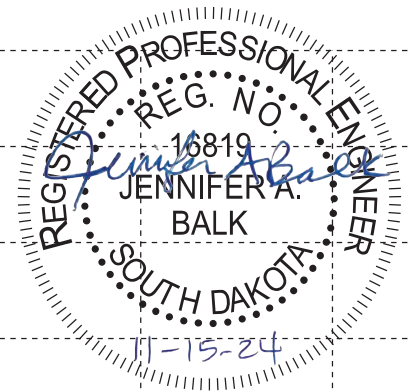


I-229

Plotting Date: 11/15/2024

FOR BIDDING PURPOSES ONLY

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
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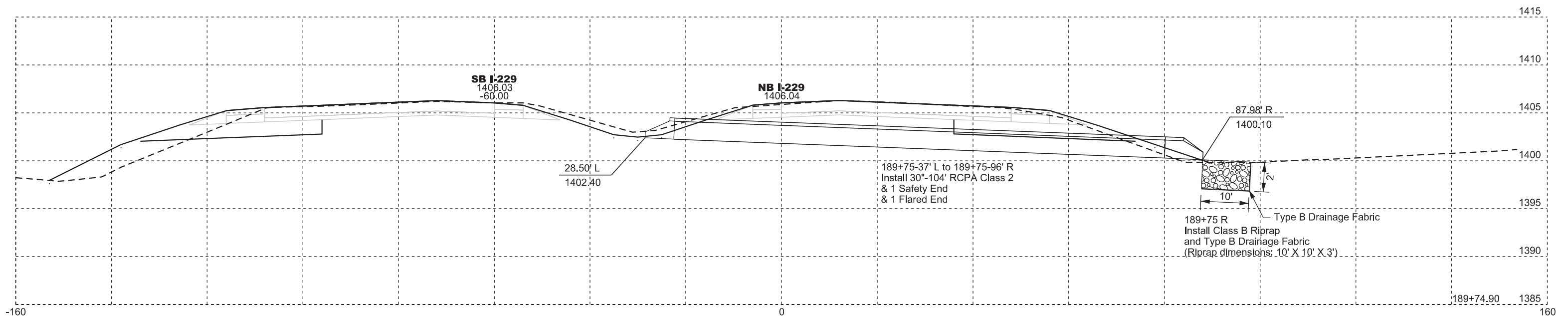
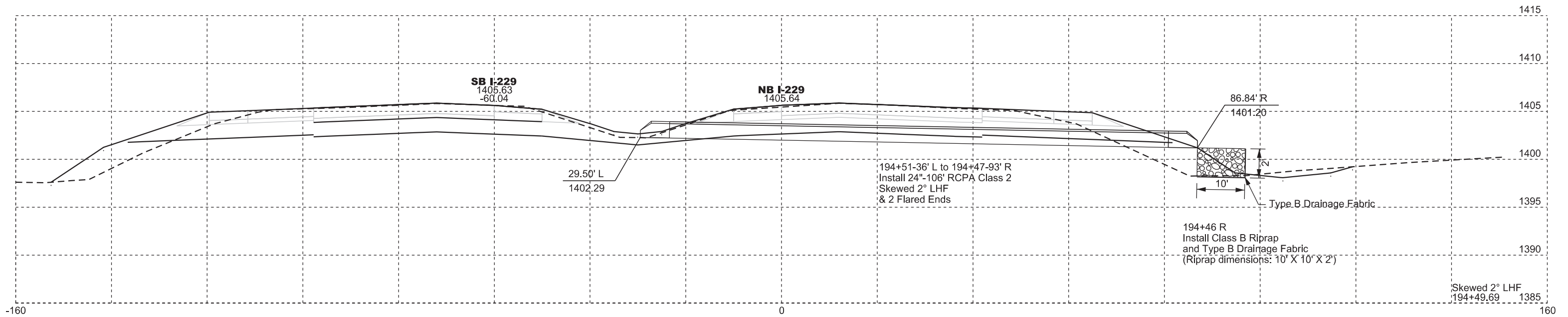


I-229

Plotting Date: 11/15/2024

FOR BIDDING PURPOSES ONLY

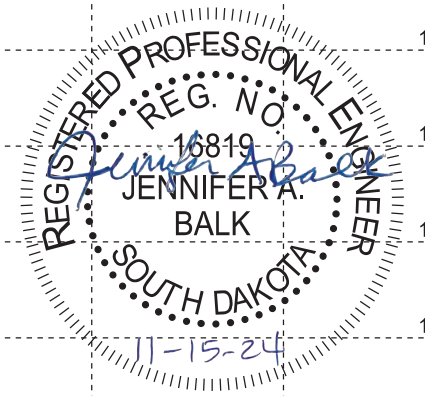
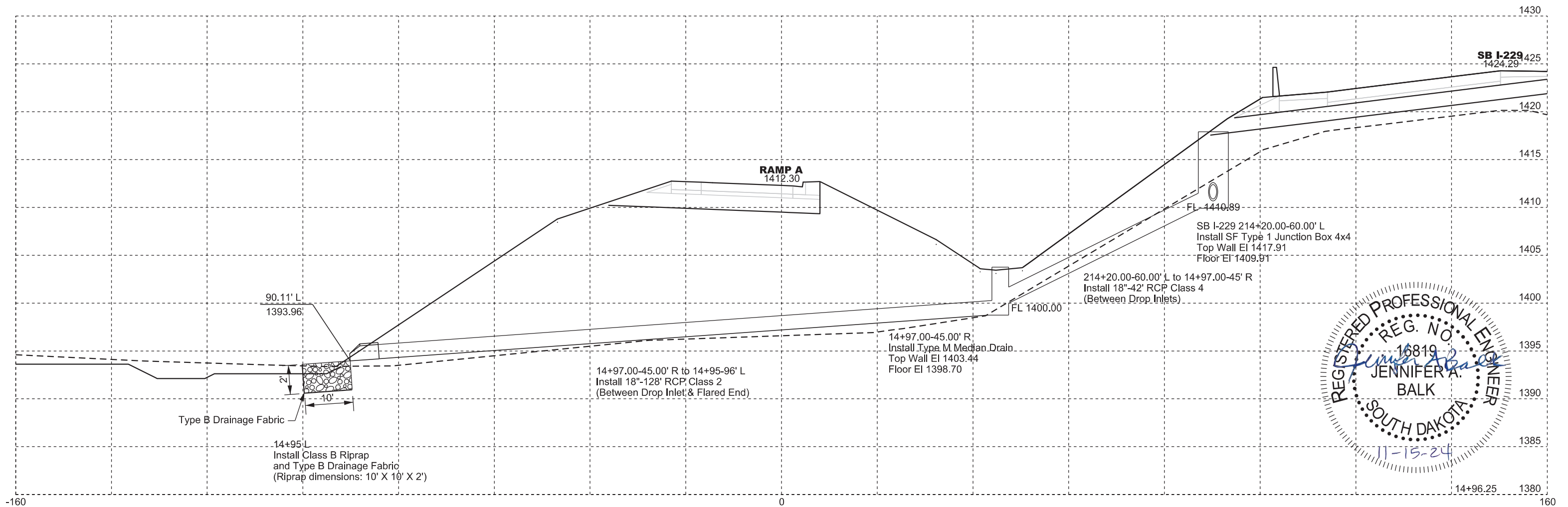
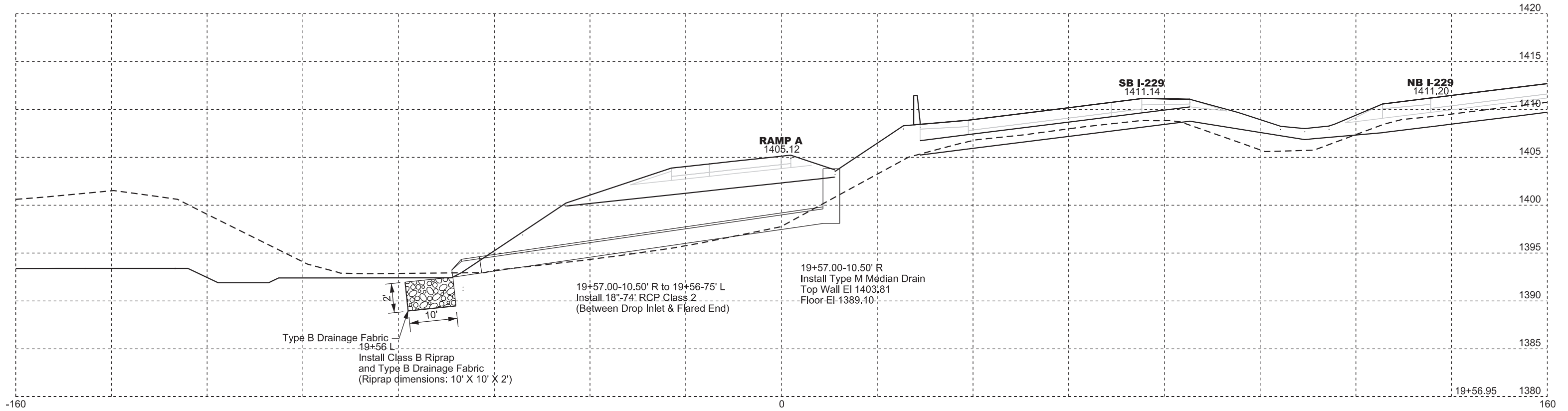
STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	IM-B-CR 2292(101)3	Z8	Z30



RAMP A

Plotting Date: 11/15/2024
FOR BIDDING PURPOSES ONLY

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	IM-B-CR 2292(101)3	Z9	Z30

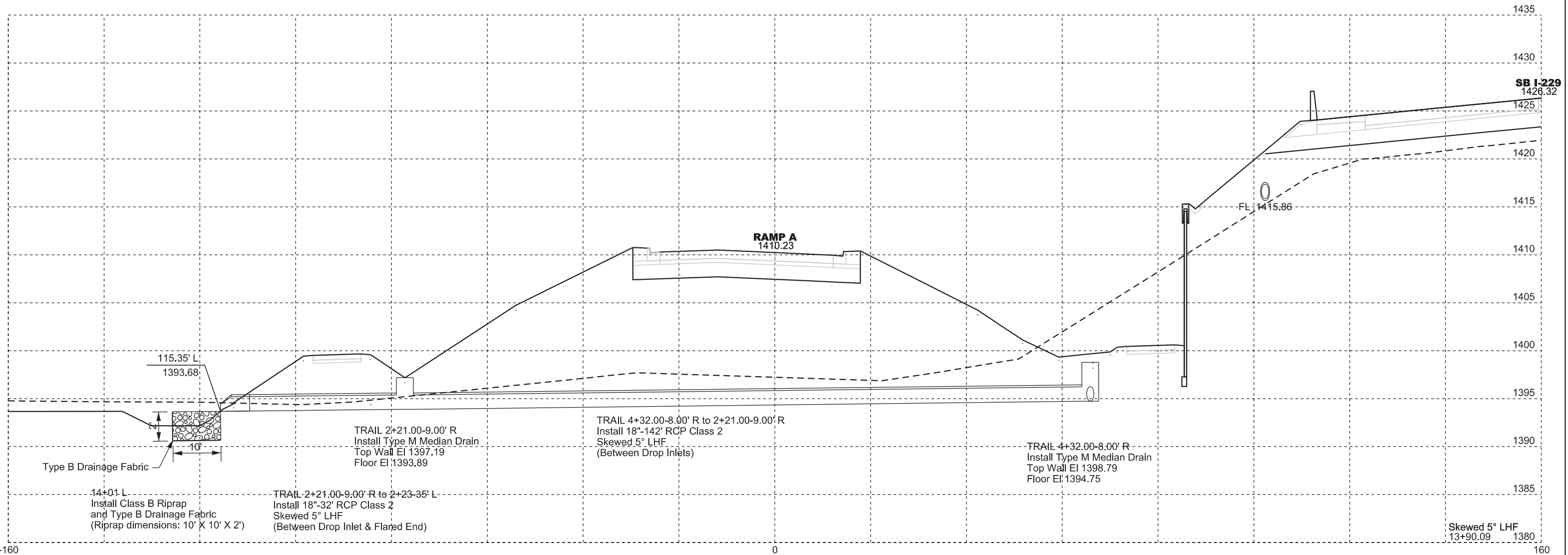
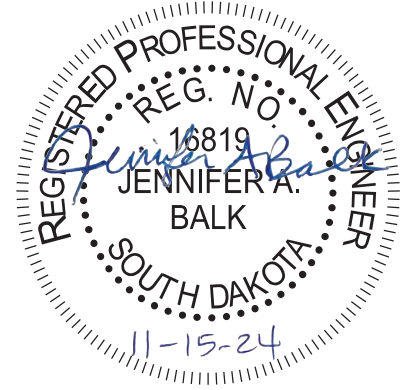


RAMP A

Plotting Date: 11/15/2024

FOR BIDDING PURPOSES ONLY

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
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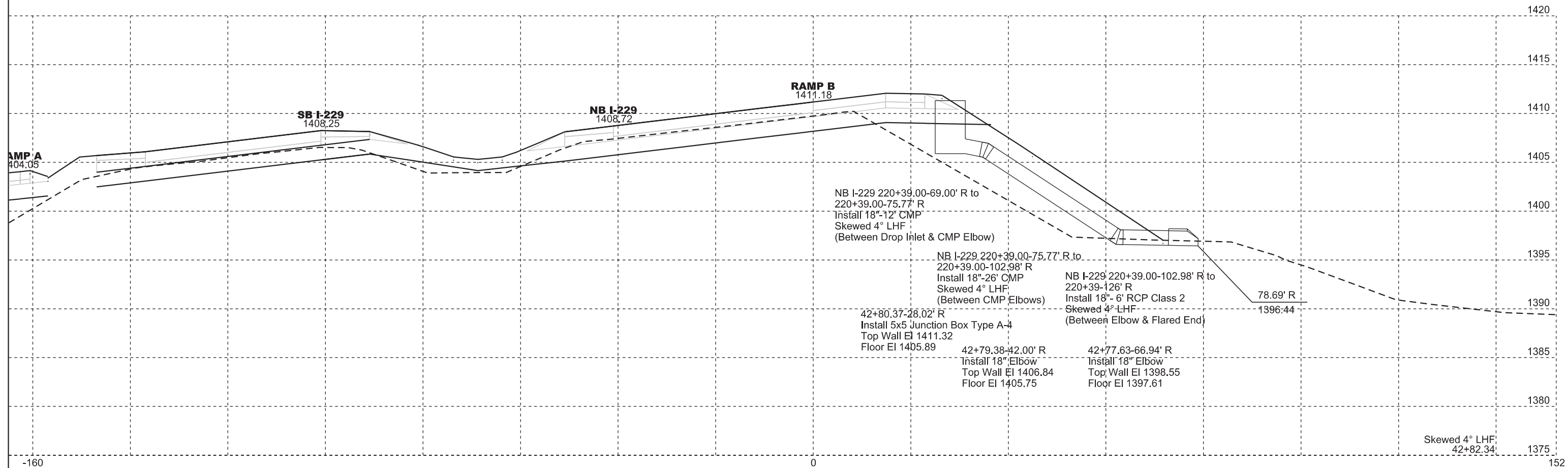


RAMP B

FOR BIDDING PURPOSES ONLY

Plotting Date: 1/13/2025
 Revised Date: 1/13/2025
 Initials: NDG

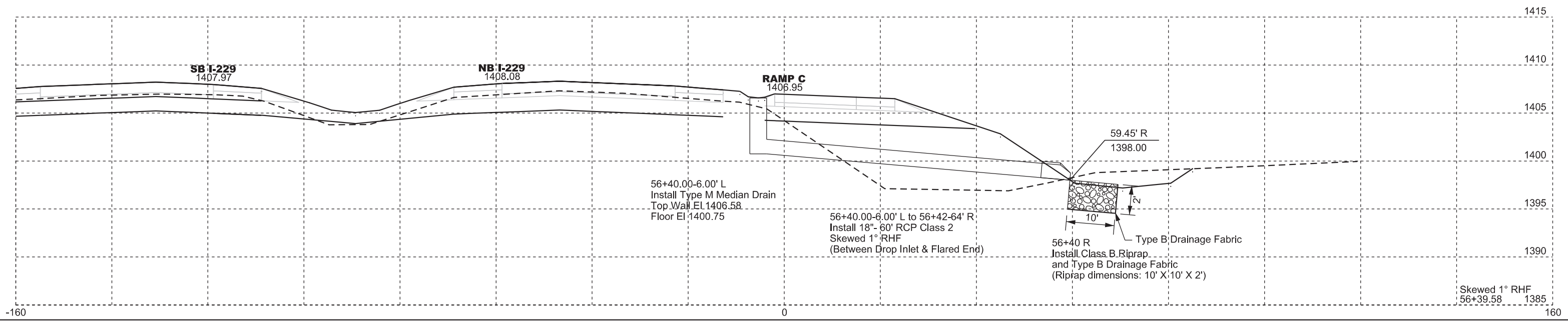
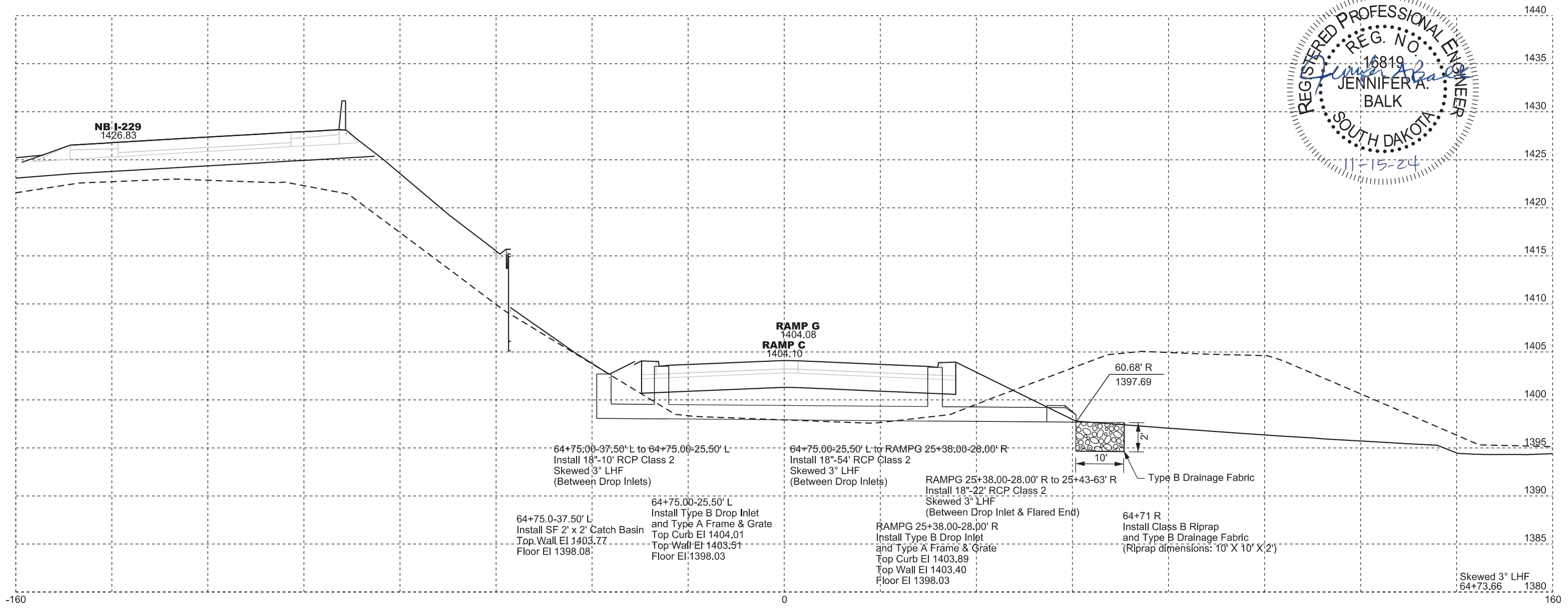
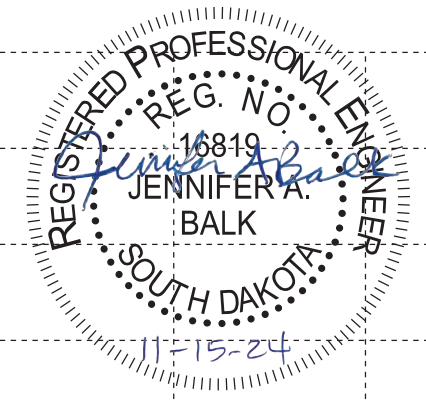
STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	IM-B-CR 2292(101)3	Z11	Z30



RAMP C

Plotting Date: 11/15/2024
FOR BIDDING PURPOSES ONLY

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	IM-B-CR 2292(101)3	Z12	Z30

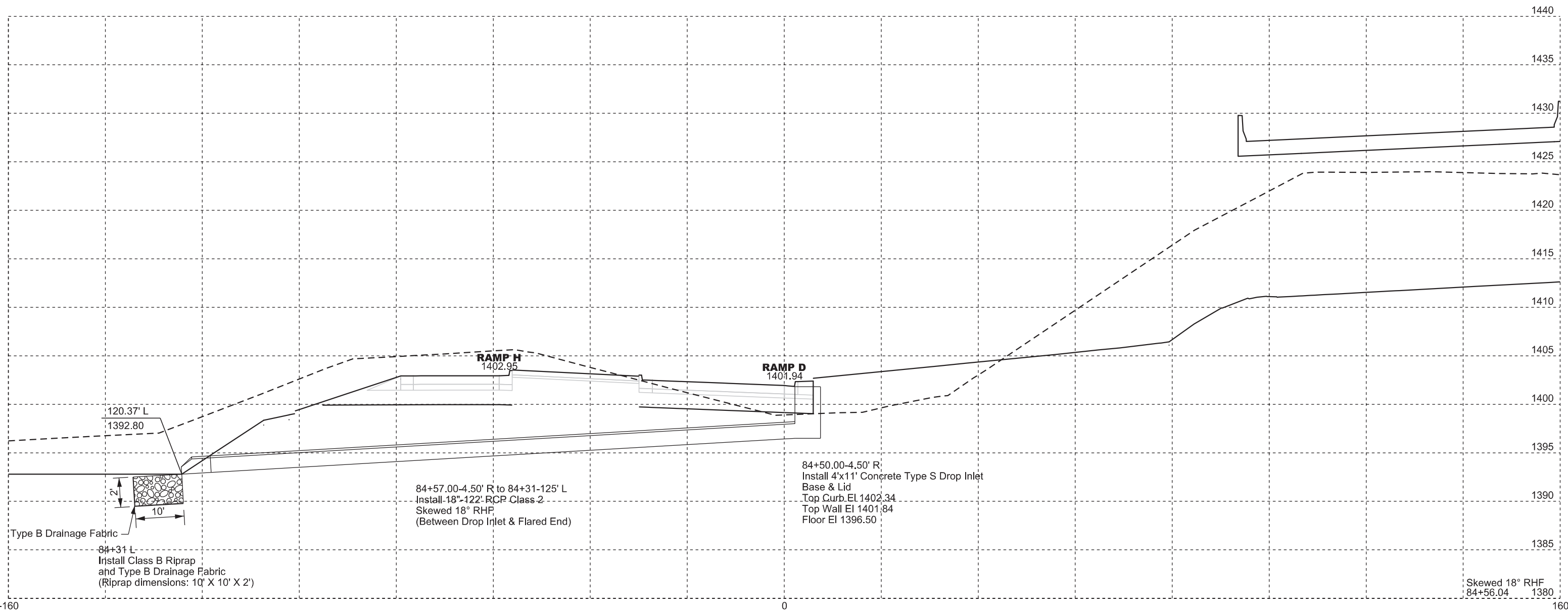


RAMP D

Plotting Date: 11/15/2024

FOR BIDDING PURPOSES ONLY

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	IM-B-CR 2292(101)3	Z13	Z30



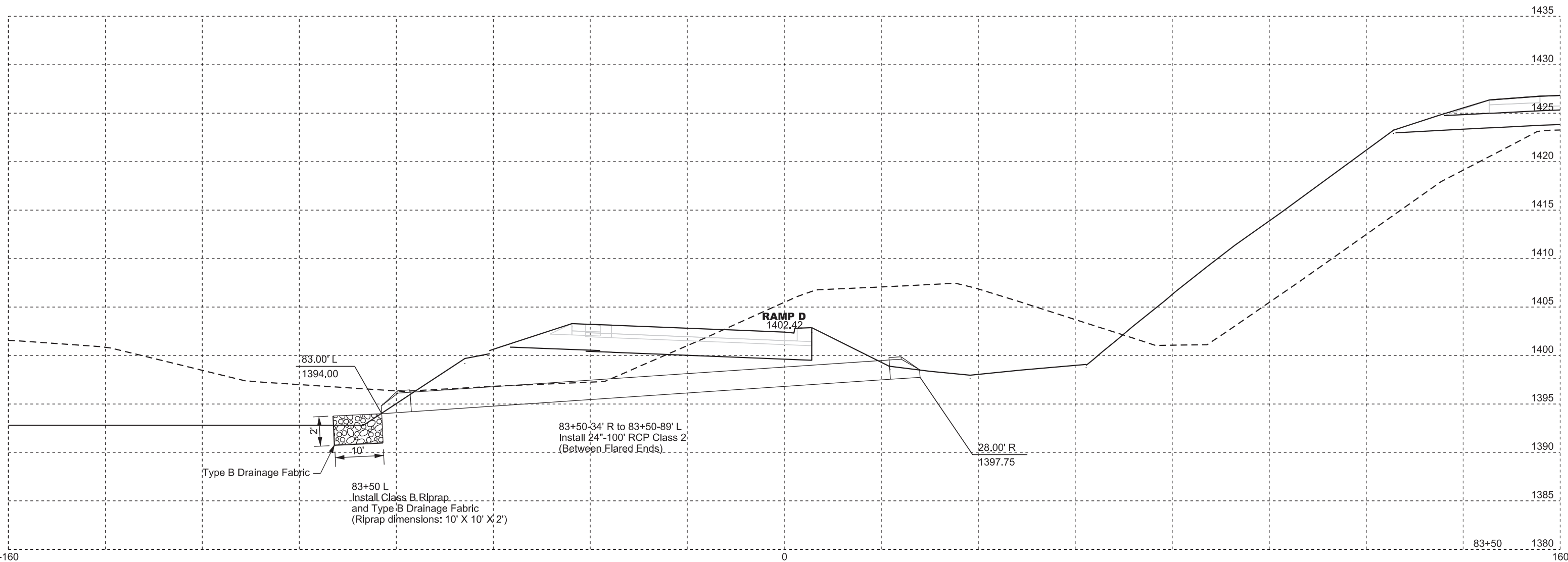
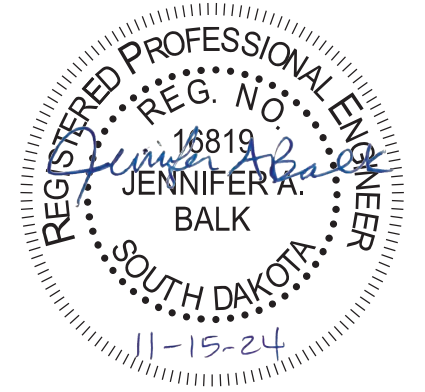
Skewed 18° RHF
84+56.04 1380

RAMP D

Plotting Date: 11/15/2024

FOR BIDDING PURPOSES ONLY

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	IM-B-CR 2292(101)3	Z14	Z30

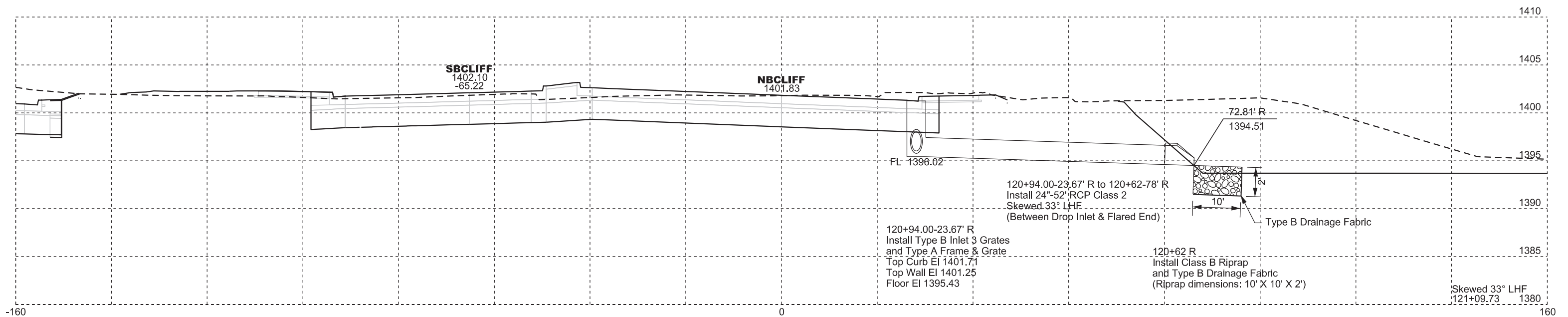
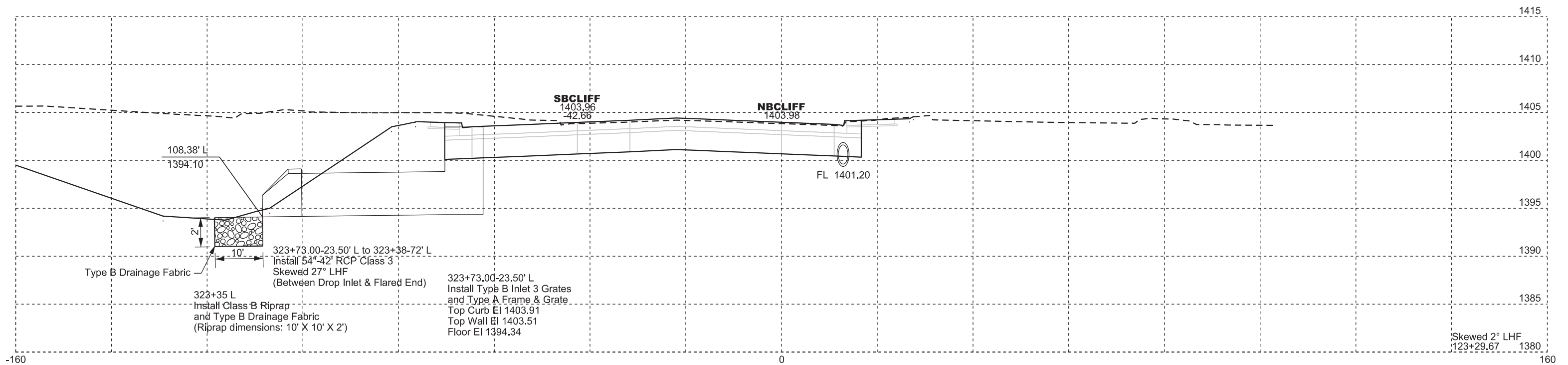


CLIFF AVENUE

Plotting Date: 11/15/2024

FOR BIDDING PURPOSES ONLY

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
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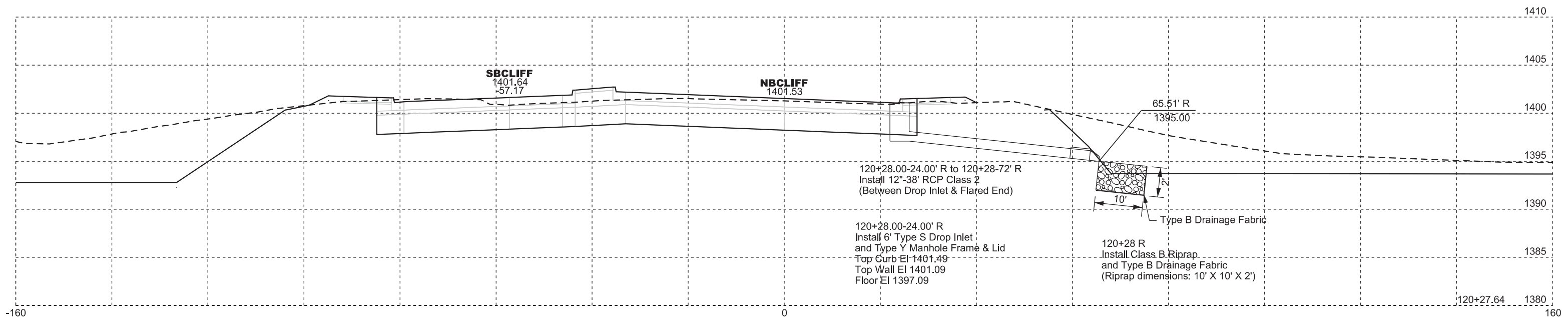
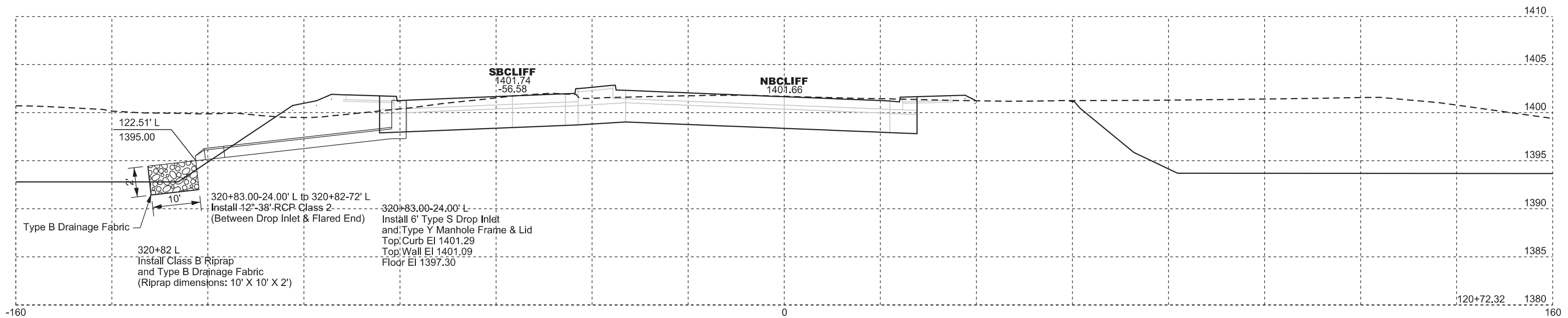


CLIFF AVENUE

FOR BIDDING PURPOSES ONLY

Plotting Date: 11/15/2024

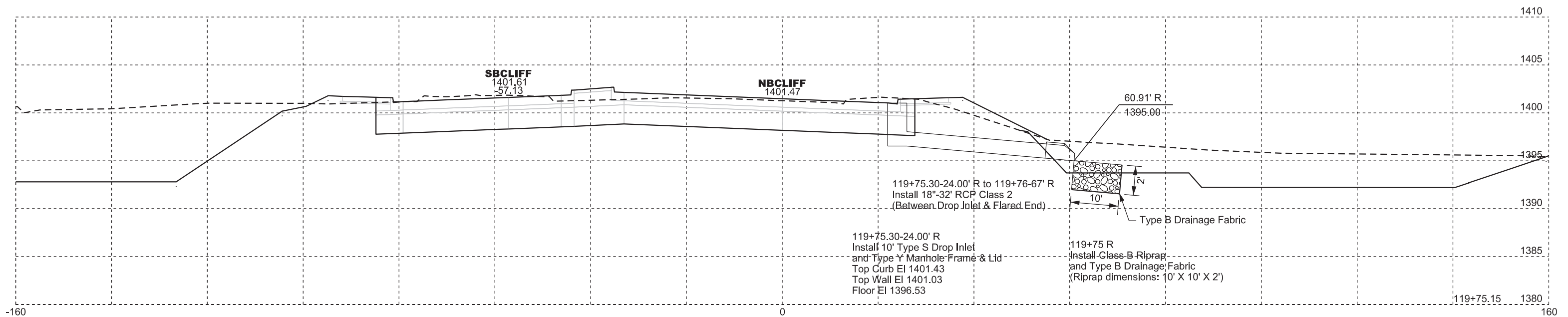
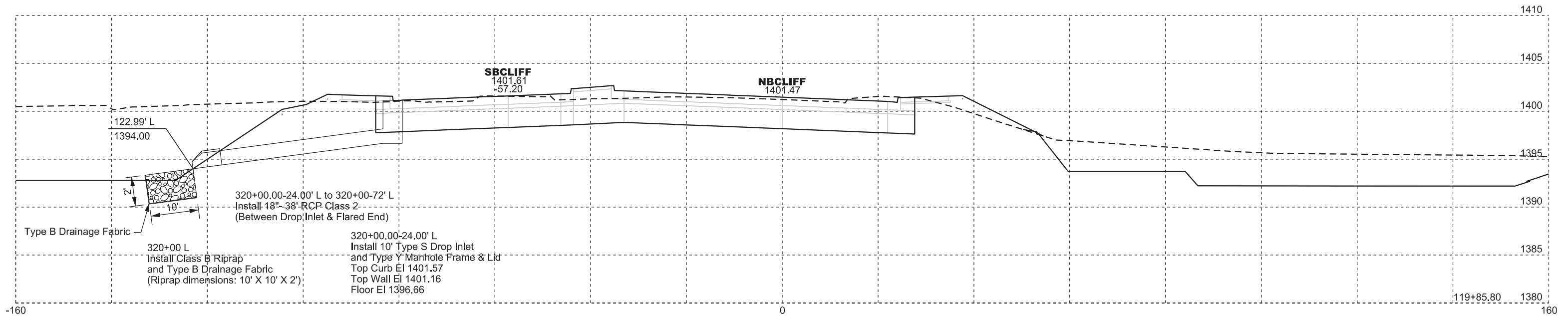
STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	IM-B-CR 2292(101)3	Z16	Z30



CLIFF AVENUE

Plotting Date: 11/15/2024
FOR BIDDING PURPOSES ONLY

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	IM-B-CR 2292(101)3	Z17	Z30

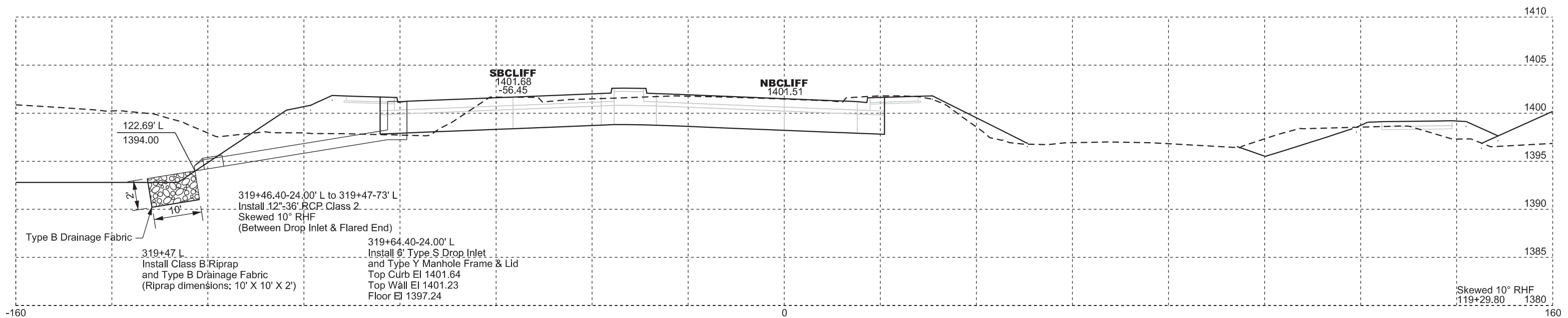
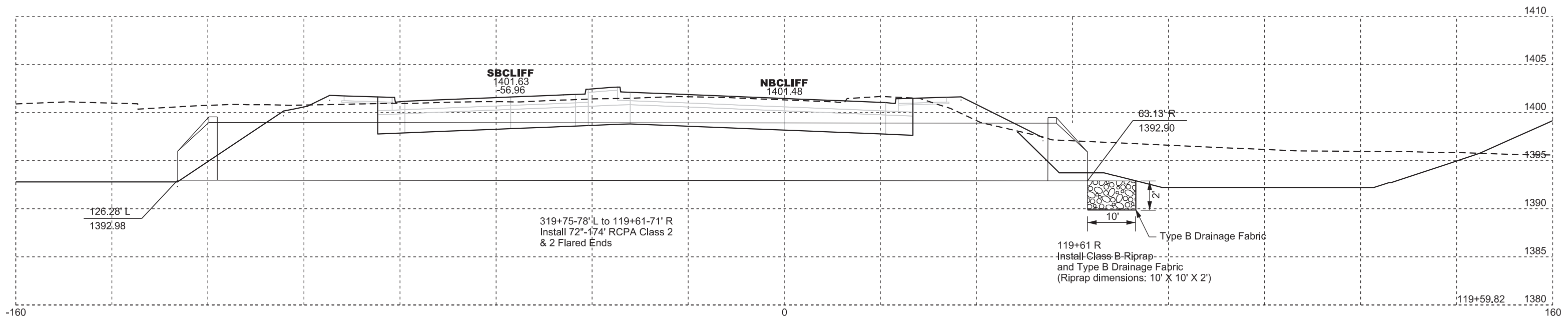


CLIFF AVENUE

Plotting Date: 11/15/2024

FOR BIDDING PURPOSES ONLY

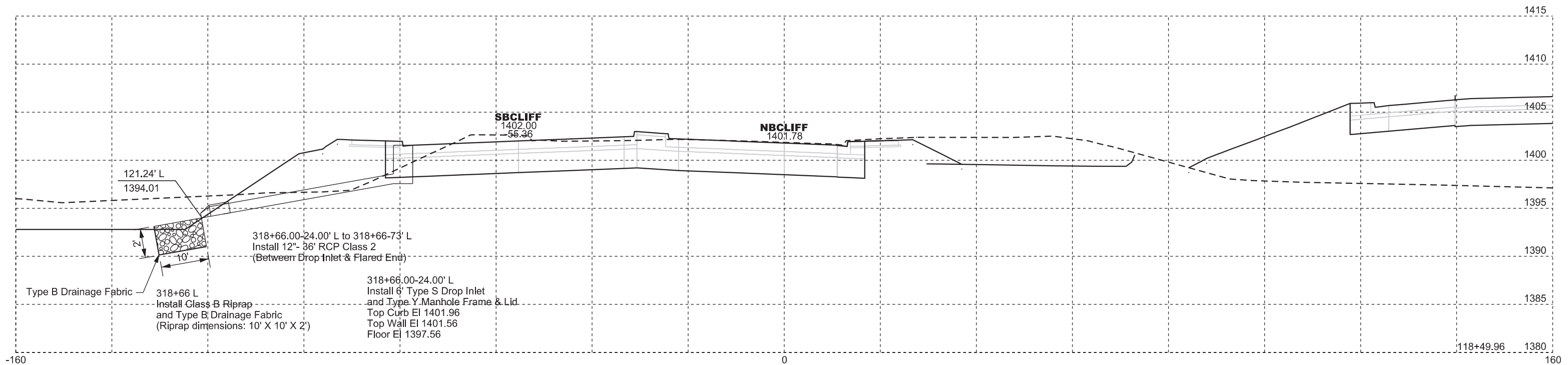
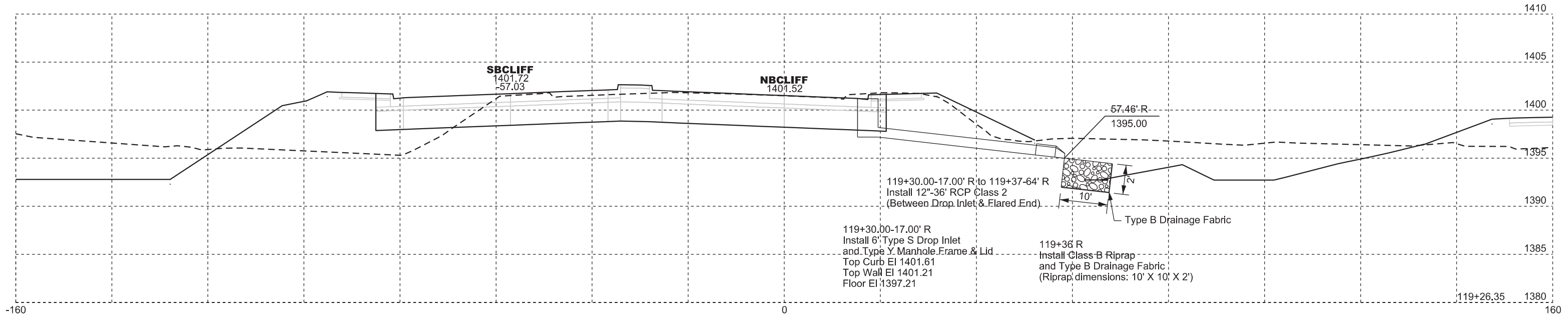
STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	IM-B-CR 2292(101)3	Z18	Z30



CLIFF AVENUE

Plotting Date: 11/15/2024
FOR BIDDING PURPOSES ONLY

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	IM-B-CR 2292(101)3	Z19	Z30

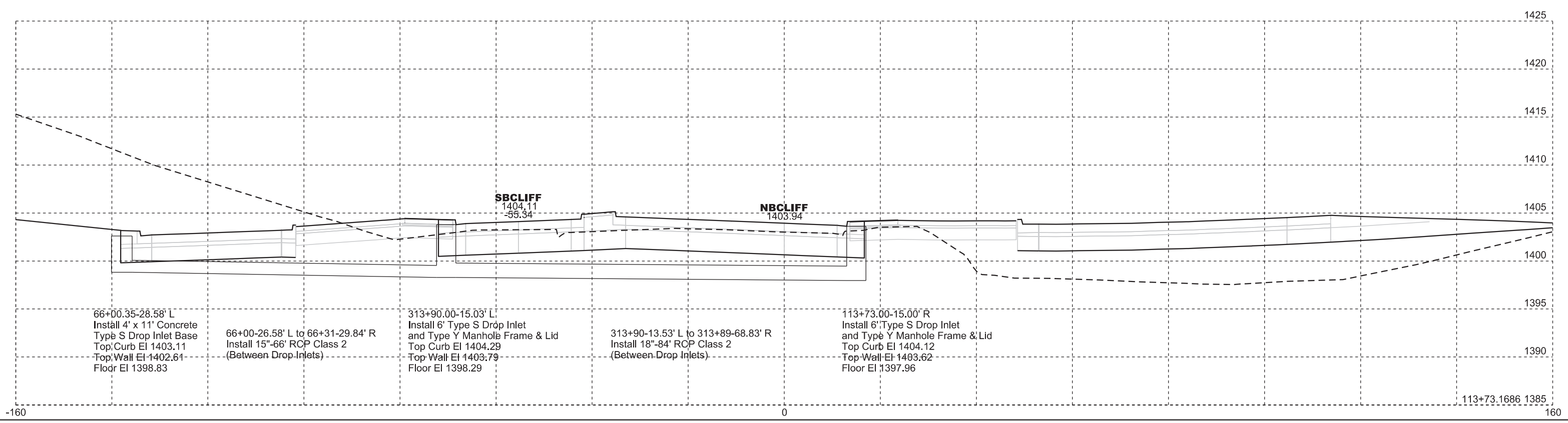
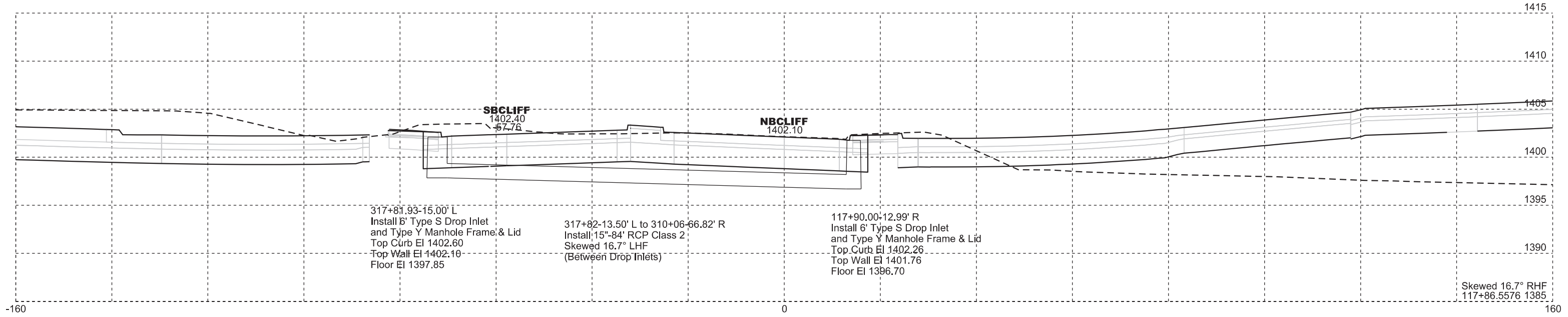


CLIFF AVENUE

Plotting Date: 11/15/2024

FOR BIDDING PURPOSES ONLY

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	IM-B-CR 2292(101)3	Z20	Z30

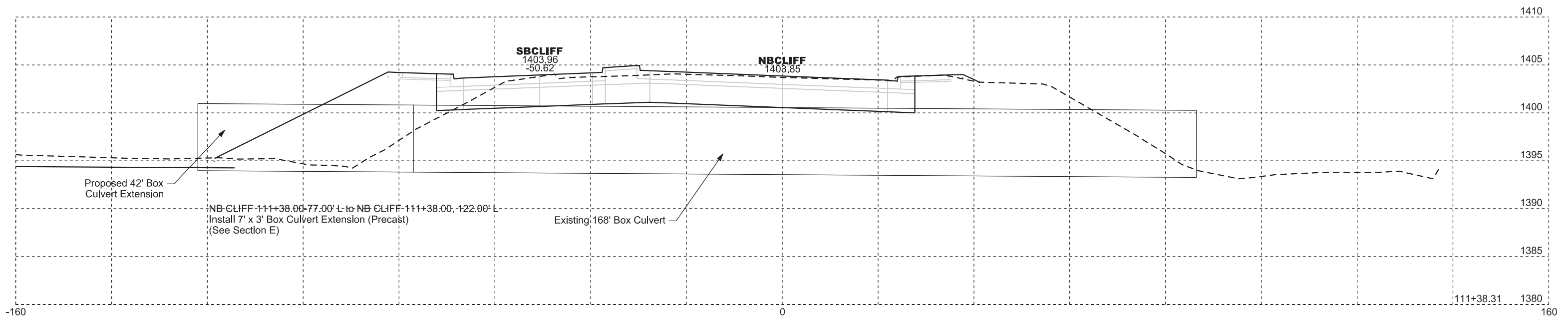
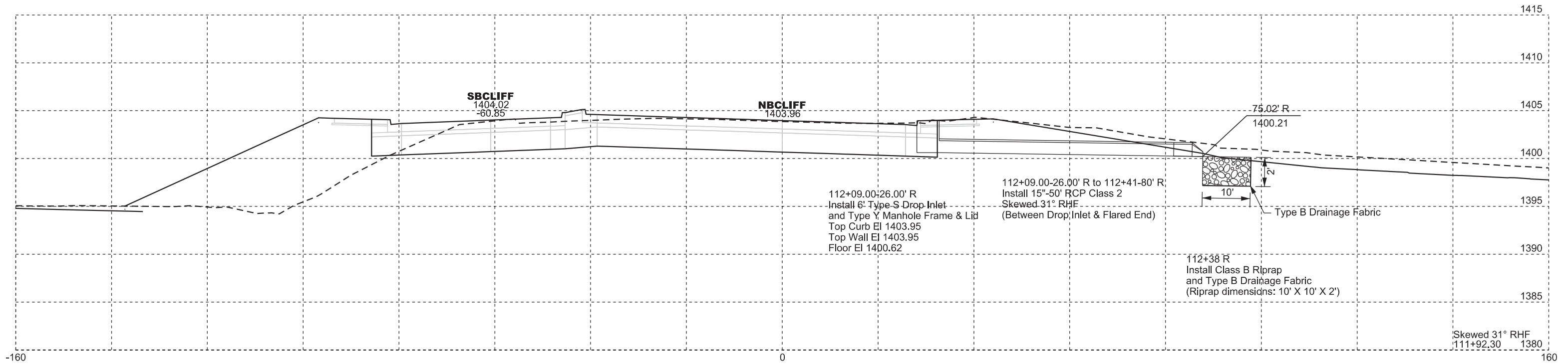


CLIFF AVENUE

Plotting Date: 11/15/2024

FOR BIDDING PURPOSES ONLY

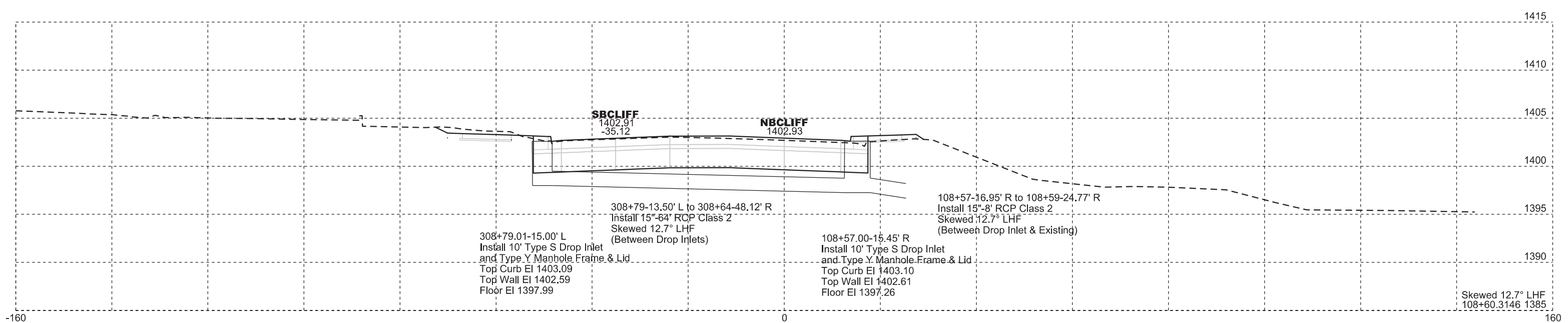
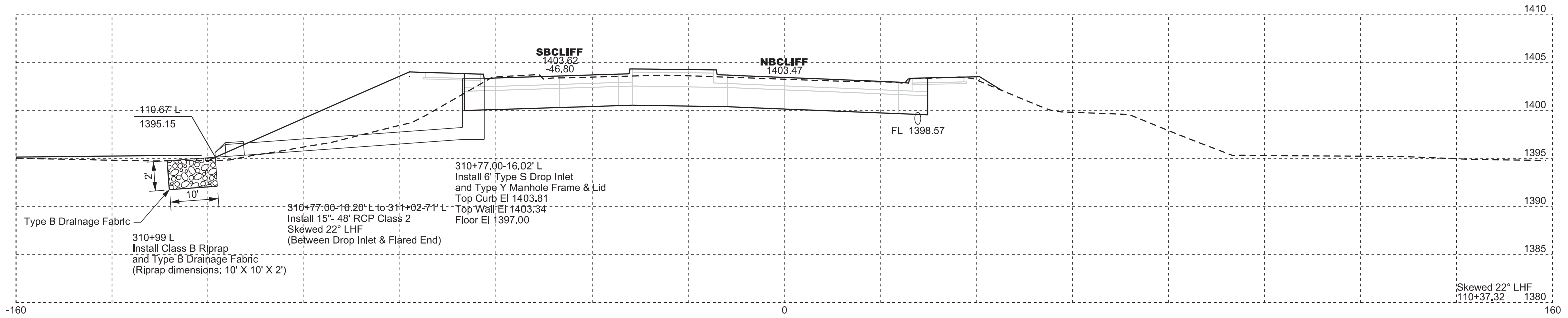
STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	IM-B-CR 2292(101)3	Z21	Z30



CLIFF AVENUE

Plotting Date: 11/15/2024
FOR BIDDING PURPOSES ONLY

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	IM-B-CR 2292(101)3	Z22	Z30

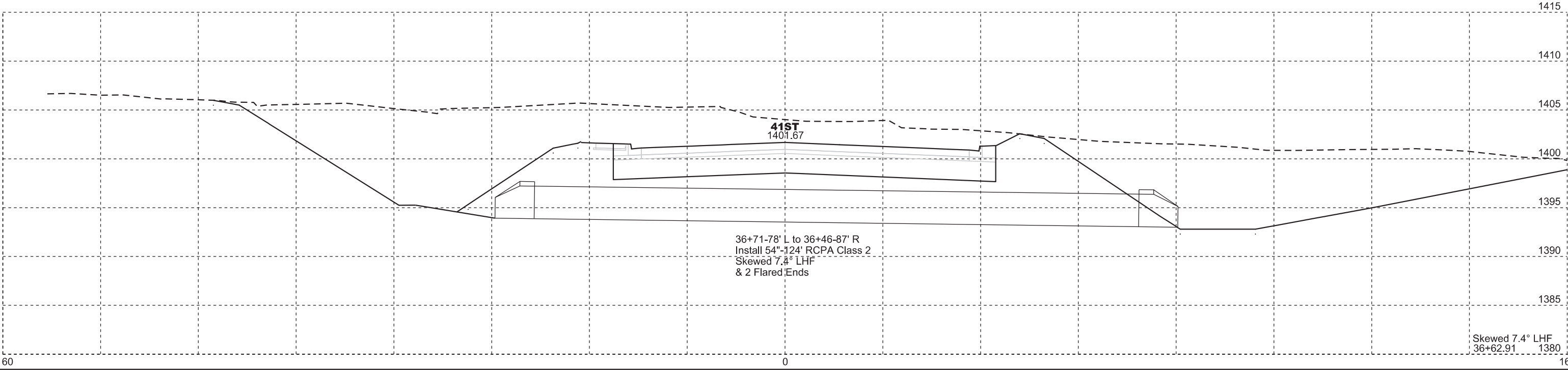


41ST STREET

Plotting Date: 11/15/2024

FOR BIDDING PURPOSES ONLY

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	IM-B-CR 2292(101)3	Z23	Z30

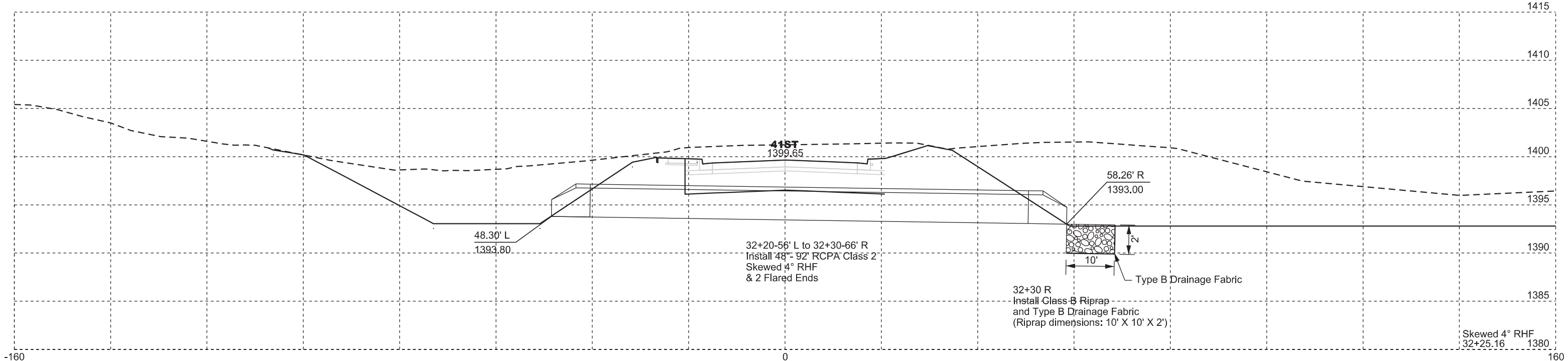
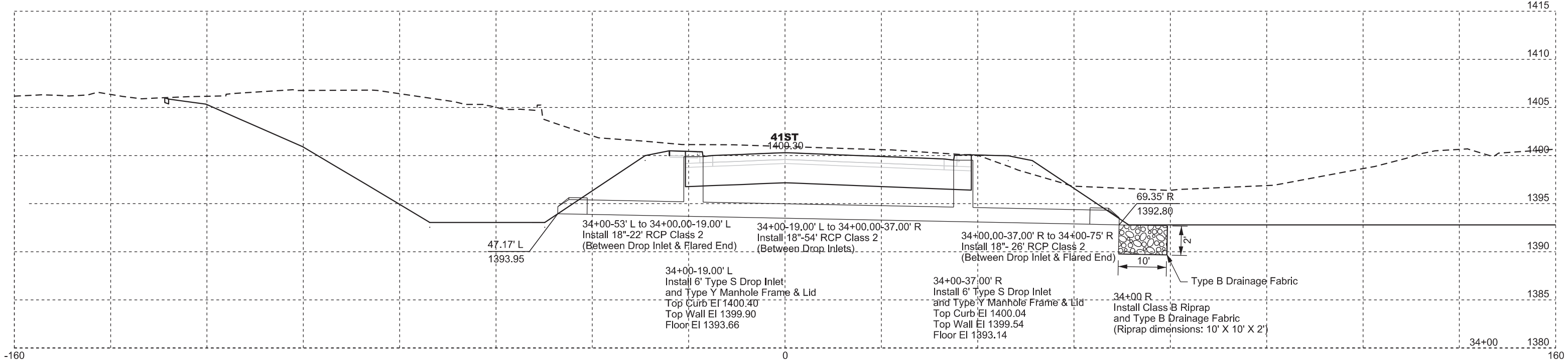


41ST STREET

Plotting Date: 11/15/2024

FOR BIDDING PURPOSES ONLY

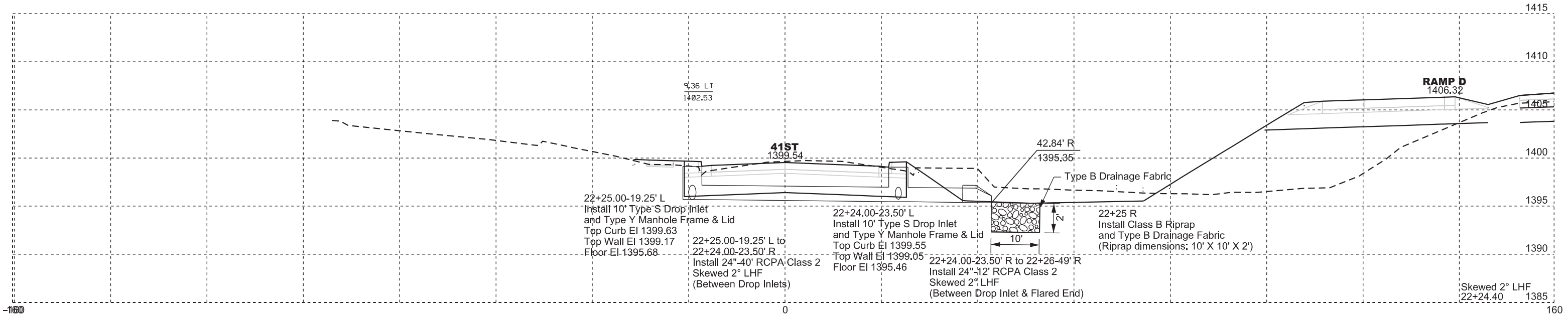
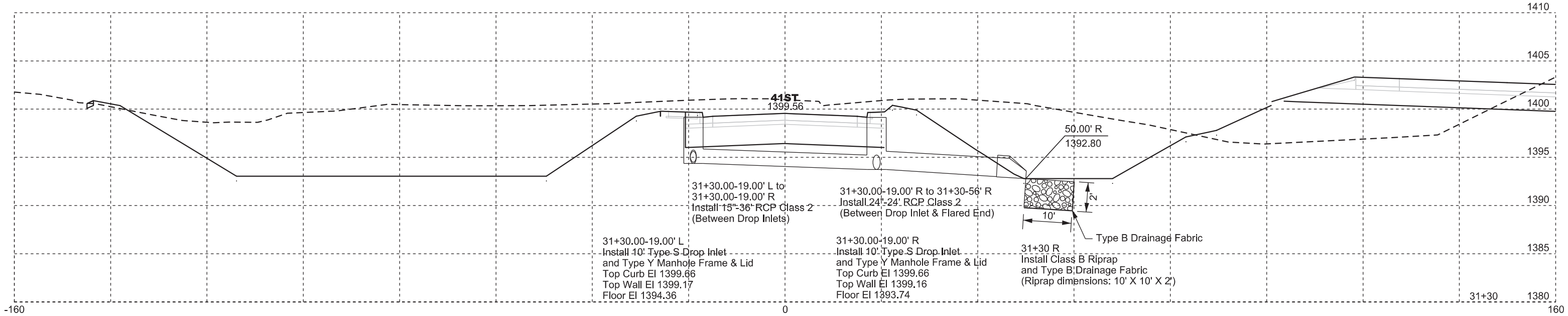
STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	IM-B-CR 2292(101)3	Z24	Z30



41ST STREET

Plotting Date: 11/15/2024
FOR BIDDING PURPOSES ONLY

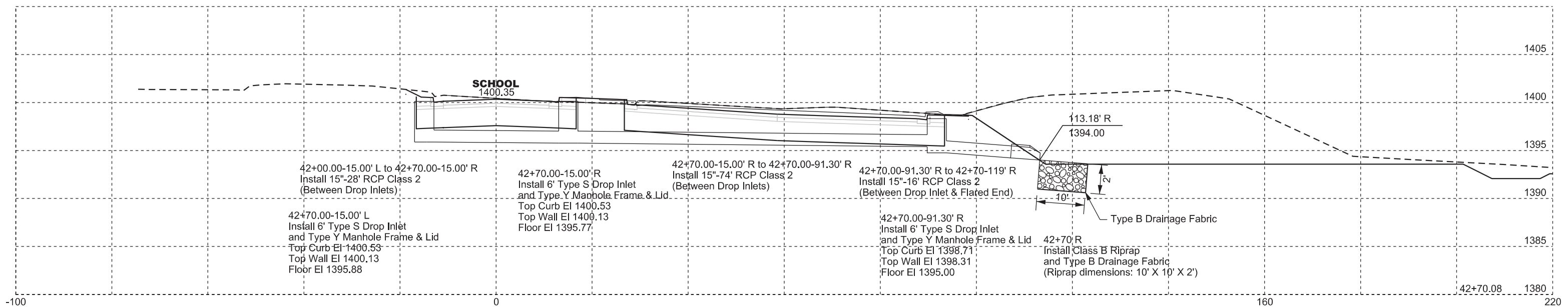
STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	IM-B-CR 2292(101)3	Z25	Z30



SCHOOL ENTRANCE FOR BIDDING PURPOSES ONLY

Plotting Date: 11/15/2024

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	IM-B-CR 2292(101)3	Z26	Z30



PIPE SECTIONS

NB Diversion

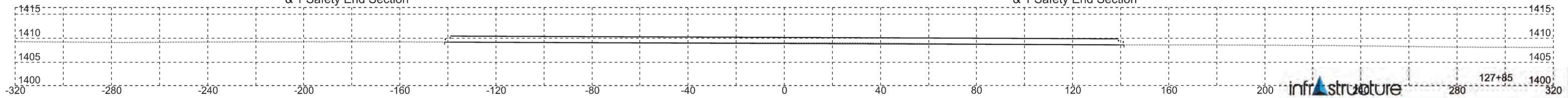
FOR BIDDING PURPOSES ONLY

STATE OF SOUTH DAKOTA	PROJECT	SECTION	SHEET
	IM-B-CR 2292(101)3	Z27	Z30
Plotting Date: 10/23/2024			

Sta 126+46 to Sta 127+04 - 30' LT
Install 15" - 58' CMP
& 1 Safety End Section

Sta 127+04 to Sta 128+64 - 30' LT
Install 15" - 160' CMP Slotted Drain

Sta 128+64 to Sta 129+22 - 30' LT
Install 15" - 58' CMP
& 1 Safety End Section

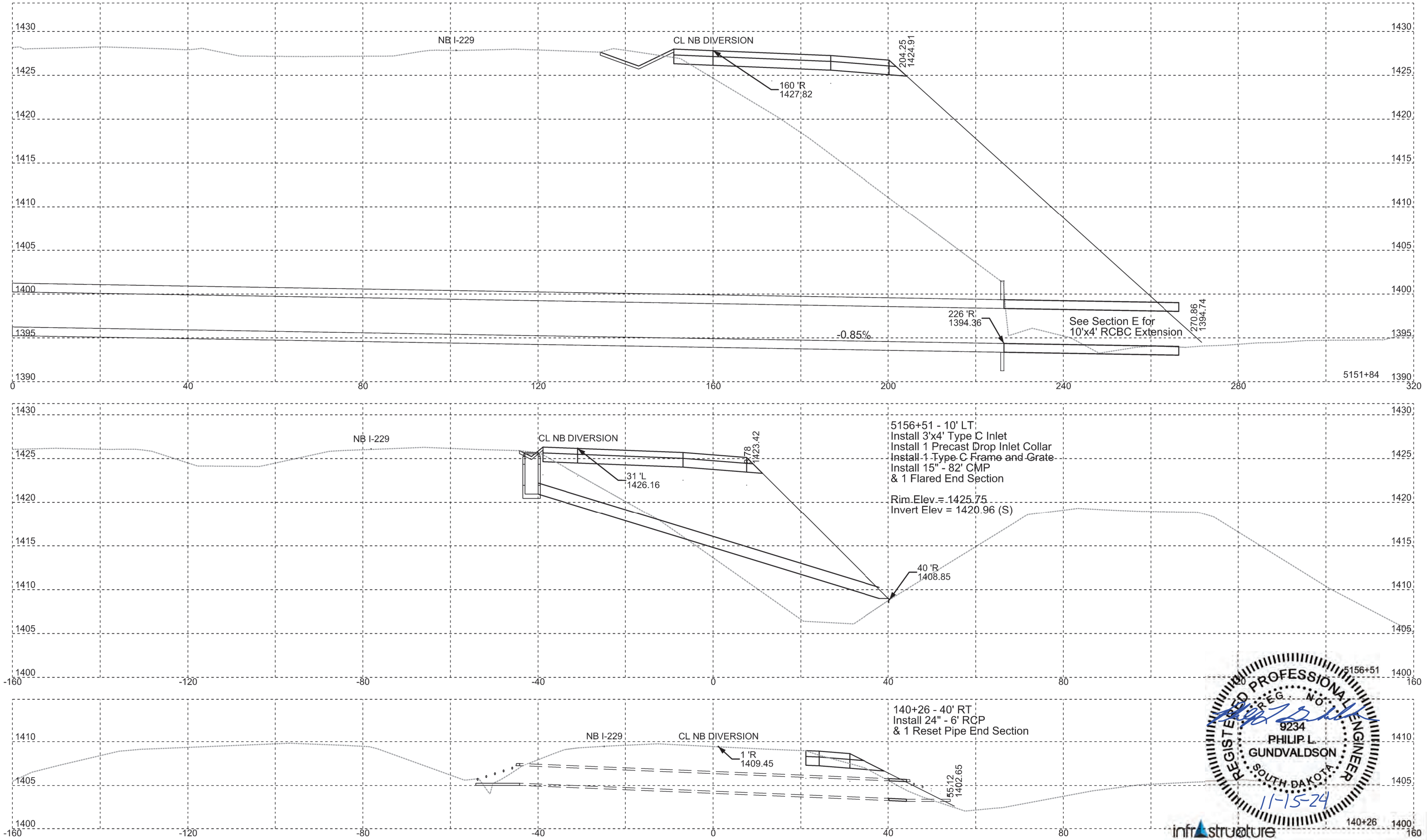


PIPE SECTIONS

FOR BIDDING PURPOSES ONLY

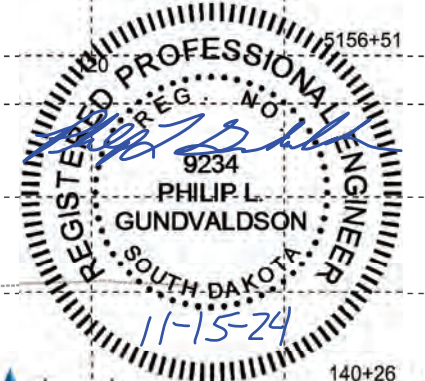
STATE OF SOUTH DAKOTA	PROJECT	SECTION	SHEET
	IM-B-CR 2292(101)3	Z28	Z30
Plotting Date: 10/23/2024			

NB Diversion



5156+51 - 10' LT
 Install 3'x4' Type C Inlet
 Install 1 Precast Drop Inlet Collar
 Install 1 Type C Frame and Grate
 Install 15" - 82' CMP
 & 1 Flared End Section
 Rim Elev. = 1425.75
 Invert Elev = 1420.96 (S)

140+26 - 40' RT
 Install 24" - 6' RCP
 & 1 Reset Pipe End Section

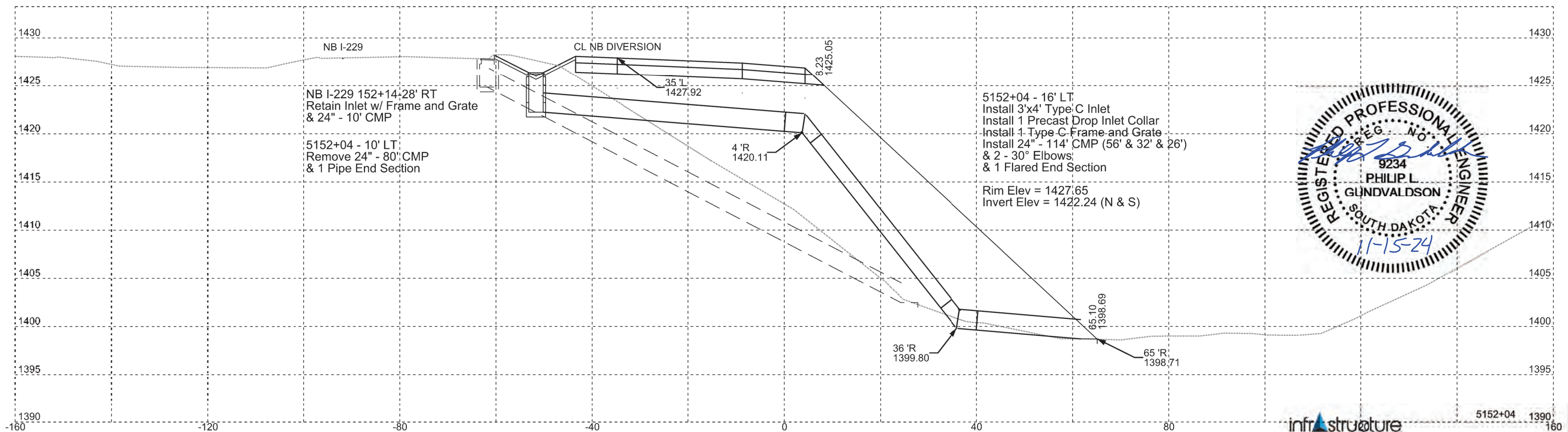
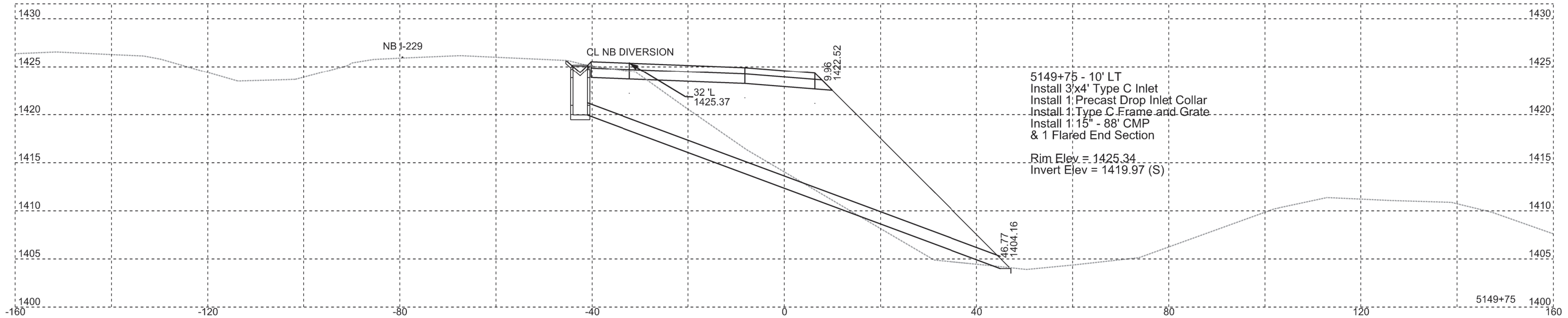


PIPE SECTIONS

NB Diversion

FOR BIDDING PURPOSES ONLY

STATE OF SOUTH DAKOTA	PROJECT	SECTION	SHEET
	IM-B-CR 2292(101)3	Z29	Z30
Plotting Date: 10/23/2024			



PIPE SECTIONS

NB Diversion

FOR BIDDING PURPOSES ONLY

STATE OF SOUTH DAKOTA	PROJECT	SECTION	SHEET
	IM-B-CR 2292(101)3	Z30	Z30
Plotting Date: 10/23/2024			

