

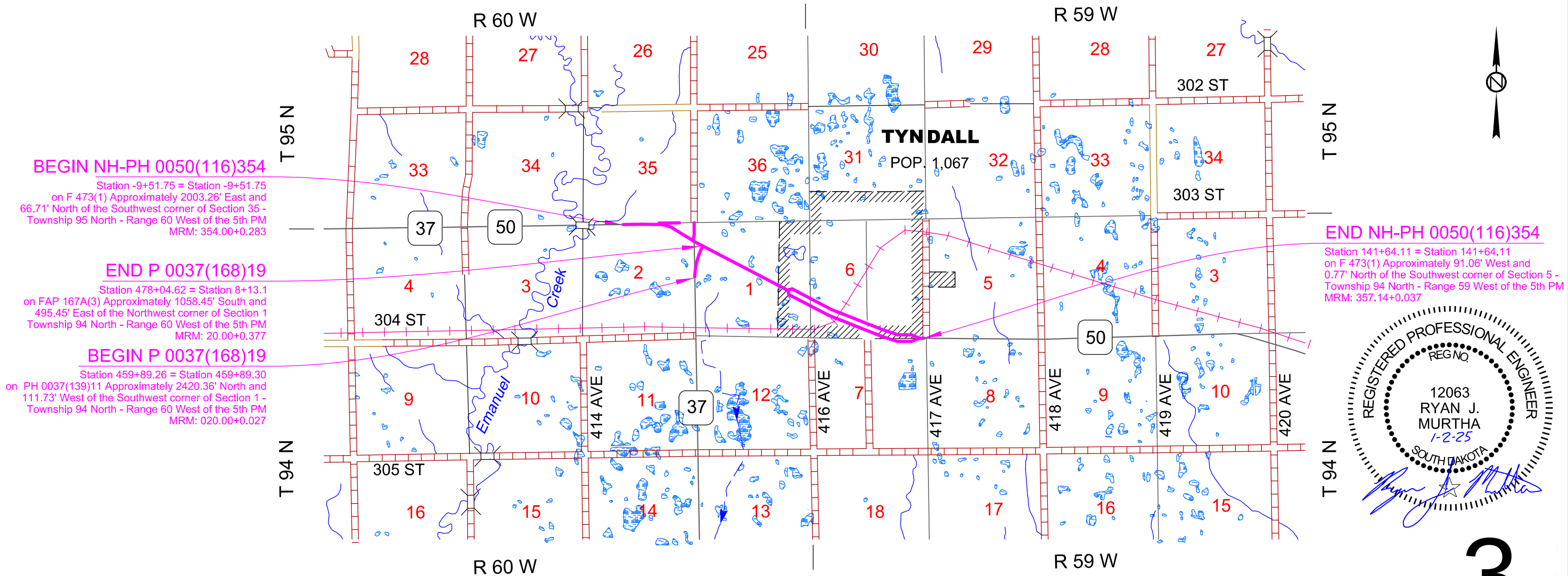
SECTION X: CROSS SECTIONS

FOR BIDDING PURPOSES ONLY

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	NH-PH 0050(116)354 P 0037(168)19	X1	X43
Plotting Date:		1/2/2025	

INDEX OF SHEETS

Sheet	X1	Title Sheet & Layout Map
Sheets	X2 - X3	Soil Legend and Blocks
Sheets	X4 - X28	Cross Sections - Hwy 50
Sheets	X29 - X31	Cross Sections - Hwy 37S
Sheets	X32 - X36	Cross Sections - Ramp A
Sheet	X37	Cross Sections - Ford Avenue
Sheets	X38 - X39	Cross Sections - Birch Street
Sheet	X40	Cross Sections - Fir Street
Sheet	X41	Cross Sections - Ivy Street
Sheets	X42 - X43	Cross Sections - Main Street



BEGIN NH-PH 0050(116)354

Station -9+51.75 = Station -9+51.75
on F 473(1) Approximately 2003.26' East and
66.71' North of the Southwest corner of Section 35 -
Township 95 North - Range 60 West of the 5th PM
MRM: 354.00+0.283

END P 0037(168)19

Station 478+04.62 = Station 8+13.1
on FAP 167A(3) Approximately 1058.45' South and
495.45' East of the Northwest corner of Section 1 -
Township 94 North - Range 60 West of the 5th PM
MRM: 20.00+0.377

BEGIN P 0037(168)19

Station 459+89.26 = Station 459+89.30
on PH 0037(139)11 Approximately 2420.36' North and
111.73' West of the Southwest corner of Section 1 -
Township 94 North - Range 60 West of the 5th PM
MRM: 020.00+0.027

END NH-PH 0050(116)354

Station 141+64.11 = Station 141+64.11
on F 473(1) Approximately 91.06' West and
0.77' North of the Southwest corner of Section 5 -
Township 94 North - Range 59 West of the 5th PM
MRM: 357.14+0.037



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October 15, 2025

Soil Legend

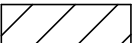
- ①



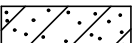
Clay Silt
- ②



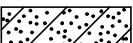
Silt Clay
- ③



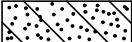
Clay
- ④



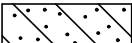
Sandy Clay
- ⑤



Clay Sand
- ⑥



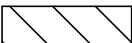
Silty Sand
- ⑦



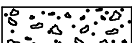
Sandy Silt
- ⑧



Sand
- ⑨



Silt
- ⑩



Gravel

The soils information presented is representative of the material encountered at the specific bore hole location.

The Geotechnical Engineering Activity has on file all of the boring logs for this project. These logs and additional results of laboratory tests, if any, are available for review at the Central Office in Pierre.

Water levels encountered in the borings when drilled in Aug.-Sep. 2021 are annotated on the cross-sections.



Water Level



Caved Hole

Hole Number	5	5
Station	15+00	15+00
Offset	52'LT	52'LT
Depth, ft	1.1-3.7	3.7-10.0
Moisture Depth, ft	2.8	8.0
Moisture, %	18.4	19.0
Dry Loose Wt, lbs/cuft	75.7	74.2
% Passing 3/8	96.5	98.6
% Passing #4	96.3	98.4
% Passing #10	95.1	97.1
% Passing #40	87.5	89.2
% Passing #200	67.3	69.0
% Sand	27.8	28.1
% Silt	34.6	33.6
% Clay	32.7	35.3
Liquid Limit	34	38
Plastic Limit	17	18
Plasticity Index	18	20
Soil Color	Brown	Brown
Textural Class.	Sandy Clay	Sandy Clay
AASHTO Class.	A-6 (10)	A-6 (11)

Hole Number	6	6	6
Station	20+00	20+00	20+00
Offset	52'RT	52'RT	52'RT
Depth, ft	1.5-3.8	3.8-6.0	6.0-10.0
Moisture Depth, ft	2.8	5.0	8.0
Moisture, %	22.2	23.6	27.4
Dry Loose Wt, lbs/cuft	77.9	76.1	73.7
% Passing 3/8	98.6	97.3	100.0
% Passing #4	98.2	96.7	100.0
% Passing #10	97.7	95.3	99.5
% Passing #40	89.4	84.9	96.9
% Passing #200	70.1	65.5	87.6
% Sand	27.6	29.8	11.9
% Silt	35.9	32.7	43.5
% Clay	34.2	32.8	44.2
Liquid Limit	35	36	50
Plastic Limit	18	17	19
Plasticity Index	17	19	31
Soil Color	Brown	Brown	Gray
Textural Class.	Silt Clay	Sandy Clay	Silt Clay
AASHTO Class.	A-6 (10)	A-6 (10)	A-7-6 (18)

Hole Number	7	7
Station	23+00	23+00
Offset	52'LT	52'LT
Depth, ft	1.2-4.4	4.4-9.5
Moisture Depth, ft	2.8	6.0
Moisture, %	12.5	9.4
Dry Loose Wt, lbs/cuft	82.1	76.3
% Passing 3/8	99.2	99.5
% Passing #4	98.5	98.9
% Passing #10	96.2	96.7
% Passing #40	72.0	80.6
% Passing #200	38.3	57.2
% Sand	57.9	39.5
% Silt	18.7	33.6
% Clay	19.6	23.6
Liquid Limit	27	30
Plastic Limit	15	16
Plasticity Index	12	14
Soil Color	Brown	Brown
Textural Class.	Silty Sand	Clay Sand
AASHTO Class.	A-6 (1)	A-6 (6)

Hole Number	8	8
Station	30+00	30+00
Offset	55'RT	55'RT
Depth, ft	1.5-3.9	3.9-10.0
Moisture Depth, ft	2.6	6.0
Moisture, %	26.1	22.5
Dry Loose Wt, lbs/cuft	74.7	73.5
% Passing 3/8	98.5	100.0
% Passing #4	98.1	99.9
% Passing #10	97.6	99.2
% Passing #40	90.3	92.4
% Passing #200	73.1	74.8
% Sand	24.5	24.4
% Silt	37.6	40.7
% Clay	35.5	34.1
Liquid Limit	39	35
Plastic Limit	19	17
Plasticity Index	20	18
Soil Color	Brown	Brown
Textural Class.	Silt Clay	Silt Clay
AASHTO Class.	A-6 (12)	A-6 (11)

Hole Number	9	9	9
Station	40+00	40+00	40+00
Offset	19.4'RT	19.4'RT	19.4'RT
Depth, ft	1.4-3.8	3.8-5.5	5.5-10.0
Moisture Depth, ft	2.6	5.0	8.0
Moisture, %	21.9	19.2	24.7
Dry Loose Wt, lbs/cuft	77.7	75.5	74.0
% Passing 3/8	96.6	99.7	100.0
% Passing #4	95.8	99.3	99.9
% Passing #10	94.3	97.7	99.1
% Passing #40	85.5	88.2	93.1
% Passing #200	65.7	67.0	75.1
% Sand	28.6	30.7	24.0
% Silt	33.3	35.3	39.1
% Clay	32.5	31.7	36.1
Liquid Limit	36	36	40
Plastic Limit	17	16	19
Plasticity Index	18	20	22
Soil Color	Brown	Brown	Gray
Textural Class.	Sandy Clay	Sandy Clay	Silt Clay
AASHTO Class.	A-6 (10)	A-6 (10)	A-6 (13)

Hole Number	10	10	10
Station	50+00	50+00	50+00
Offset	19.4'RT	19.4'RT	19.4'RT
Depth, ft	1.4-3.9	3.9-7.0	7.0-10.0
Moisture Depth, ft	2.8	5.0	8.0
Moisture, %	17.8	20.5	20.4
Dry Loose Wt, lbs/cuft	78.5	77.5	77.7
% Passing 3/8	98.4	100.0	98.9
% Passing #4	98.2	99.8	98.7
% Passing #10	97.0	98.4	96.6
% Passing #40	90.3	89.0	86.0
% Passing #200	70.6	69.4	64.9
% Sand	26.5	29.0	31.7
% Silt	37.2	39.5	35.5
% Clay	33.4	29.0	31.7
Liquid Limit	38	37	36
Plastic Limit	18	19	17
Plasticity Index	20	18	18
Soil Color	Gray	Brown	Brown
Textural Class.	Silt Clay	Clay Silt	Clay Silt
AASHTO Class.	A-6 (11)	A-6 (10)	A-6 (9)

Hole Number	11	11
Station	60+00	60+00
Offset	19.2'RT	19.2'RT
Depth, ft	1.4-4.4	4.4-10.0
Moisture Depth, ft	2.8	6.0
Moisture, %	19.0	19.1
Dry Loose Wt, lbs/cuft	74.3	80.1
% Passing 3/8	99.8	97.8
% Passing #4	99.8	96.5
% Passing #10	98.6	94.9
% Passing #40	89.0	82.1
% Passing #200	66.5	61.7
% Sand	32.1	33.1
% Silt	34.5	31.0
% Clay	31.9	30.7
Liquid Limit	34	36
Plastic Limit	17	17
Plasticity Index	17	19
Soil Color	Light Brown	Brown
Textural Class.	Sandy Clay	Sandy Clay
AASHTO Class.	A-6 (9)	A-6 (9)

Hole Number	12	12	12
Station	70+00	70+00	70+00
Offset	18.4'LT	18.4'LT	18.4'LT
Depth, ft	1.5-3.9	3.9-6.5	6.5-10.0
Moisture Depth, ft	2.8	5.0	8.0
Moisture, %	21.9	20.1	17.1
Dry Loose Wt, lbs/cuft	77.3	77.2	76.7
% Passing 3/8	98.0	99.8	99.8
% Passing #4	97.7	99.2	98.9
% Passing #10	96.4	97.9	97.7
% Passing #40	86.8	86.8	89.1
% Passing #200	66.3	65.1	61.9
% Sand	30.1	32.8	35.8
% Silt	38.9	37.3	34.2
% Clay	27.4	27.8	27.8
Liquid Limit	36	37	33
Plastic Limit	19	19	16
Plasticity Index	16	18	16
Soil Color	Gray	Gray	Brown
Textural Class.	Clay Silt	Clay Silt	Clay Sand
AASHTO Class.	A-6 (9)	A-6 (9)	A-6 (8)

Hole Number	13	13
Station	80+00	80+00
Offset	52'RT	52'RT
Depth, ft	1.5-3.9	3.9-10.0
Moisture Depth, ft	2.8	6.0
Moisture, %	21.7	19.1
Dry Loose Wt, lbs/cuft	75.5	76.4
% Passing 3/8	99.4	99.1
% Passing #4	99.2	98.7
% Passing #10	98.7	97.7
% Passing #40	92.6	90.7
% Passing #200	75.2	73.9
% Sand	23.5	23.8
% Silt	39.6	36.8
% Clay	35.5	37.1
Liquid Limit	36	40
Plastic Limit	17	18
Plasticity Index	19	22
Soil Color	Brown	Brown
Textural Class.	Silt Clay	Silt Clay
AASHTO Class.	A-6 (12)	A-6 (13)

Hole Number	14	14
Station	84+00	84+00
Offset	53'LT	53'LT
Depth, ft	1.4-4.4	4.4-10.0
Moisture Depth, ft	2.8	7.0
Moisture, %	31.6	26.2
Dry Loose Wt, lbs/cuft	73.3	75.7
% Passing 3/8	100.0	99.1
% Passing #4	99.7	98.8
% Passing #10	99.2	98.0
% Passing #40	94.7	92.3
% Passing #200	78.8	77.2
% Sand	20.4	20.8
% Silt	43.7	43.5
% Clay	35.1	33.7
Liquid Limit	39	41
Plastic Limit	19	19
Plasticity Index	20	22
Soil Color	Brown	Brown
Textural Class.	Silt Clay	Silt Clay
AASHTO Class.	A-6 (12)	A-7-6 (13)

Plotting Date: 1/2/2025

FOR BIDDING PURPOSES ONLY

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	NH-PH 0050(116)354 P 0037(168)19	X2	X43

Hole Number	1	1
Station	-5+00	-5+00
Offset	19.8'LT	19.8'LT
Depth, ft	1.5-3.8	3.8-12.0
Moisture Depth, ft	2.8	5.0
Moisture, %	22.5	20.5
Dry Loose Wt, lbs/cuft	74.6	77.7
% Passing 3/8	99.2	99.2
% Passing #4	99.2	98.1
% Passing #10	98.4	96.5
% Passing #40	89.6	82.7
% Passing #200	69.0	63.1
% Sand	29.3	33.4
% Silt	36.5	33.2
% Clay	32.5	29.9
Liquid Limit	36	36
Plastic Limit	18	18
Plasticity Index	18	17
Soil Color	Brown	Brown
Textural Class.	Sandy Clay	Clay Silt
AASHTO Class.	A-6 (10)	A-6 (9)

Hole Number	2	2
Station	0+00	0+00
Offset	53'RT	53'RT
Depth, ft	1.5-3.9	3.9-10.0
Moisture Depth, ft	2.6	6.0
Moisture, %	20.4	18.1
Dry Loose Wt, lbs/cuft	76.7	79.8
% Passing 3/8	97.1	100.0
% Passing #4	96.7	98.7
% Passing #10	95.7	95.9
% Passing #40	88.7	82.8
% Passing #200	68.7	62.9
% Sand	27.1	33.0
% Silt	37.1	31.2
% Clay	31.6	31.6
Liquid Limit	35	36
Plastic Limit	17	18
Plasticity Index	17	18
Soil Color	Brown	Brown
Textural Class.	Sandy Clay	Sandy Clay
AASHTO Class.	A-6 (10)	A-6 (9)

Hole Number	3	3
Station	4+00	4+00
Offset	51'LT	51'LT
Depth, ft	1.4-3.9	3.9-10.0
Moisture Depth, ft	2.8	6.5
Moisture, %	18.3	18.0
Dry Loose Wt, lbs/cuft	74.8	76.3
% Passing 3/8	99.2	100.0
% Passing #4	98.8	99.5
% Passing #10	98.1	98.2
% Passing #40	90.8	90.5
% Passing #200	69.8	71.0
% Sand	28.3	27.2
% Silt	38.0	39.2
% Clay	31.8	31.8
Liquid Limit	33	37
Plastic Limit	17	17
Plasticity Index	16	20
Soil Color	Brown	Brown
Textural Class.	Sandy Clay	Silt Clay
AASHTO Class.	A-6 (10)	A-6 (11)

Hole Number	4	4
Station	10+00	10+00
Offset	54'RT	54'RT
Depth, ft	1.4-3.8	3.8-10.0
Moisture Depth, ft	2.8	6.0
Moisture, %	19.5	18.6
Dry Loose Wt, lbs/cuft	74.3	78.9
% Passing 3/8	98.3	98.4
% Passing #4	98.1	97.2
% Passing #10	97.0	94.8
% Passing #40	87.9	81.1
% Passing #200	69.0	60.4
% Sand	28.0	34.4
% Silt	31.2	29.1
% Clay	37.8	31.3
Liquid Limit	36	35
Plastic Limit	19	17
Plasticity Index	17	18
Soil Color	Brown	Brown
Textural Class.	Sandy Clay	Sandy Clay
AASHTO Class.	A-6 (10)	A-6 (8)

Plotting Date: 1/2/2025

FOR BIDDING PURPOSES ONLY

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	NH-PH 0050(116)354 P 0037(168)19	X3	X43

Hole Number	15	15
Station	90+00	90+00
Offset	53'RT	53'RT
Depth, ft	1.4-3.9	3.9-10.0
Moisture Depth, ft	2.6	7.0
Moisture, %	24.6	20.8
Dry Loose Wt, lbs/cuft	80.0	76.1
% Passing 3/8	99.5	100.0
% Passing #4	99.0	99.5
% Passing #10	97.8	98.7
% Passing #40	89.7	90.9
% Passing #200	69.9	70.0
% Sand	27.9	28.8
% Silt	37.6	40.3
% Clay	32.3	29.6
Liquid Limit	35	35
Plastic Limit	17	17
Plasticity Index	17	17
Soil Color	Brown	Brown
Textural Class.	Clay Silt	Silt Clay
AASHTO Class.	A-6 (10)	A-6 (10)

Hole Number	16	16
Station	95+00	95+00
Offset	51'LT	51'LT
Depth, ft	1.4-3.7	3.7-10.0
Moisture Depth, ft	2.6	7.0
Moisture, %	21.5	23.3
Dry Loose Wt, lbs/cuft	81.5	77.4
% Passing 3/8	96.0	100.0
% Passing #4	95.6	99.4
% Passing #10	94.7	98.1
% Passing #40	85.6	90.6
% Passing #200	67.0	72.4
% Sand	27.7	25.7
% Silt	38.2	38.7
% Clay	28.8	33.8
Liquid Limit	36	39
Plastic Limit	19	19
Plasticity Index	17	20
Soil Color	Brown	Brown
Textural Class.	Clay Silt	Silt Clay
AASHTO Class.	A-6 (9)	A-6 (11)

Hole Number	17	17
Station	100+00	100+00
Offset	53'RT	53'RT
Depth, ft	1.5-3.8	3.8-10.0
Moisture Depth, ft	2.8	6.0
Moisture, %	20.1	22.4
Dry Loose Wt, lbs/cuft	78.6	80.6
% Passing 3/8	99.5	94.2
% Passing #4	99.5	93.9
% Passing #10	98.6	92.6
% Passing #40	92.4	82.7
% Passing #200	73.6	64.1
% Sand	25.0	28.6
% Silt	38.1	36.3
% Clay	35.5	27.8
Liquid Limit	38	37
Plastic Limit	19	18
Plasticity Index	19	19
Soil Color	Brown	Brown
Textural Class.	Silt Clay	Clay Silt
AASHTO Class.	A-6 (11)	A-6 (9)

Hole Number	18	18	18
Station	104+00	104+00	104+00
Offset	52'LT	52'LT	52'LT
Depth, ft	1.5-4.5	4.5-6.0	6.0-10.0
Moisture Depth, ft	2.8	5.0	8.0
Moisture, %	23.8	21.4	18.5
Dry Loose Wt, lbs/cuft	76.4	79.0	87.0
% Passing 3/8	98.1	98.8	96.1
% Passing #4	98.1	98.5	92.6
% Passing #10	97.6	97.3	89.5
% Passing #40	91.9	89.1	70.8
% Passing #200	71.5	65.9	46.3
% Sand	26.1	31.4	43.2
% Silt	39.9	34.3	28.1
% Clay	31.6	31.5	18.3
Liquid Limit	38	38	28
Plastic Limit	18	18	17
Plasticity Index	19	20	11
Soil Color	Brown	Brown	Light Brown
Textural Class.	Silt Clay	Sandy Clay	Silty Sand
AASHTO Class.	A-6 (11)	A-6 (10)	A-6 (3)

Hole Number	19	19
Station	110+00	110+00
Offset	53'RT	53'RT
Depth, ft	1.5-4.5	4.5-10.0
Moisture Depth, ft	2.6	6.0
Moisture, %	17.3	18.3
Dry Loose Wt, lbs/cuft	73.8	71.6
% Passing 3/8	95.1	99.1
% Passing #4	94.7	98.5
% Passing #10	93.7	98.0
% Passing #40	86.1	89.9
% Passing #200	65.4	69.1
% Sand	28.3	28.9
% Silt	20.7	20.9
% Clay	29.8	29.9
Liquid Limit	39	38
Plastic Limit	18	18
Plasticity Index	21	20
Soil Color	Brown	Brown
Textural Class.	Sandy Clay	Sandy Clay
AASHTO Class.	A-6 (10)	A-6 (11)

Hole Number	20	20
Station	116+00	116+00
Offset	51'LT	51'LT
Depth, ft	1.5-3.8	3.8-10.0
Moisture Depth, ft	2.8	7.0
Moisture, %	21.9	19.2
Dry Loose Wt, lbs/cuft	74.8	72.8
% Passing 3/8	98.2	99.8
% Passing #4	97.8	99.6
% Passing #10	96.9	99.0
% Passing #40	88.8	89.3
% Passing #200	68.7	67.0
% Sand	28.2	31.9
% Silt	33.5	29.0
% Clay	35.3	38.0
Liquid Limit	38	37
Plastic Limit	19	17
Plasticity Index	19	20
Soil Color	Brown	Brown
Textural Class.	Sandy Clay	Sandy Clay
AASHTO Class.	A-6 (10)	A-6 (10)

Hole Number	21	21
Station	120+00	120+00
Offset	52'RT	52'RT
Depth, ft	1.5-3.6	3.6-10.0
Moisture Depth, ft	2.8	8.0
Moisture, %	25.5	23.0
Dry Loose Wt, lbs/cuft	78.0	79.6
% Passing 3/8	98.1	98.1
% Passing #4	97.8	97.4
% Passing #10	97.4	96.3
% Passing #40	90.5	87.8
% Passing #200	74.7	69.9
% Sand	22.7	26.4
% Silt	41.6	36.2
% Clay	33.1	33.7
Liquid Limit	38	38
Plastic Limit	19	18
Plasticity Index	19	20
Soil Color	Brown	Brown
Textural Class.	Silt Clay	Sandy Clay
AASHTO Class.	A-6 (11)	A-6 (11)

Hole Number	22	22
Station	125+00	125+00
Offset	52'LT	52'LT
Depth, ft	1.5-3.9	3.9-10.0
Moisture Depth, ft	2.4	8.0
Moisture, %	20.8	19.4
Dry Loose Wt, lbs/cuft	73.4	73.4
% Passing 3/8	99.5	96.5
% Passing #4	98.7	95.7
% Passing #10	97.6	94.5
% Passing #40	90.2	84.8
% Passing #200	67.9	65.9
% Sand	29.7	28.7
% Silt	32.8	30.0
% Clay	35.1	35.9
Liquid Limit	34	37
Plastic Limit	17	17
Plasticity Index	18	20
Soil Color	Brown	Brown
Textural Class.	Sandy Clay	Sandy Clay
AASHTO Class.	A-6 (10)	A-6 (10)

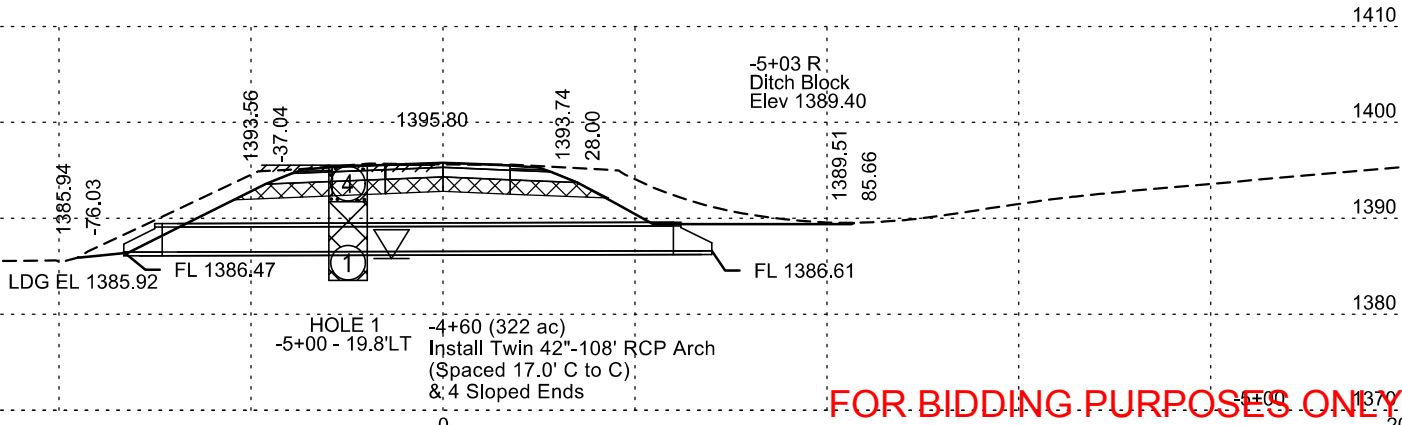
Hole Number	23	23
Station	130+00	130+00
Offset	52'RT	52'RT
Depth, ft	1.4-3.8	3.8-10.0
Moisture Depth, ft	2.8	8.0
Moisture, %	18.6	20.8
Dry Loose Wt, lbs/cuft	75.2	75.7
% Passing 3/8	99.9	98.6
% Passing #4	99.6	98.5
% Passing #10	98.9	97.8
% Passing #40	90.3	88.9
% Passing #200	68.5	70.0
% Sand	30.5	27.8
% Silt	34.8	37.8
% Clay	33.6	32.3
Liquid Limit	36	38
Plastic Limit	18	18
Plasticity Index	18	20
Soil Color	Brown	Brown
Textural Class.	Sandy Clay	Silt Clay
AASHTO Class.	A-6 (10)	A-6 (11)

Hole Number	24	24
Station	135+00	135+00
Offset	45'LT	45'LT
Depth, ft	1.4-4.0	4.0-10.0
Moisture Depth, ft	2.6	7.0
Moisture, %	19.0	19.1
Dry Loose Wt, lbs/cuft	82.8	78.6
% Passing 3/8	96.6	99.7
% Passing #4	96.3	98.7
% Passing #10	95.4	97.4
% Passing #40	85.4	85.4
% Passing #200	62.9	64.9
% Sand	32.5	32.5
% Silt	34.3	35.7
% Clay	28.6	29.2
Liquid Limit	35	38
Plastic Limit	18	18
Plasticity Index	20	17
Soil Color	Brown	Brown
Textural Class.	Clay Silt	Clay Silt
AASHTO Class.	A-6 (8)	A-6 (9)

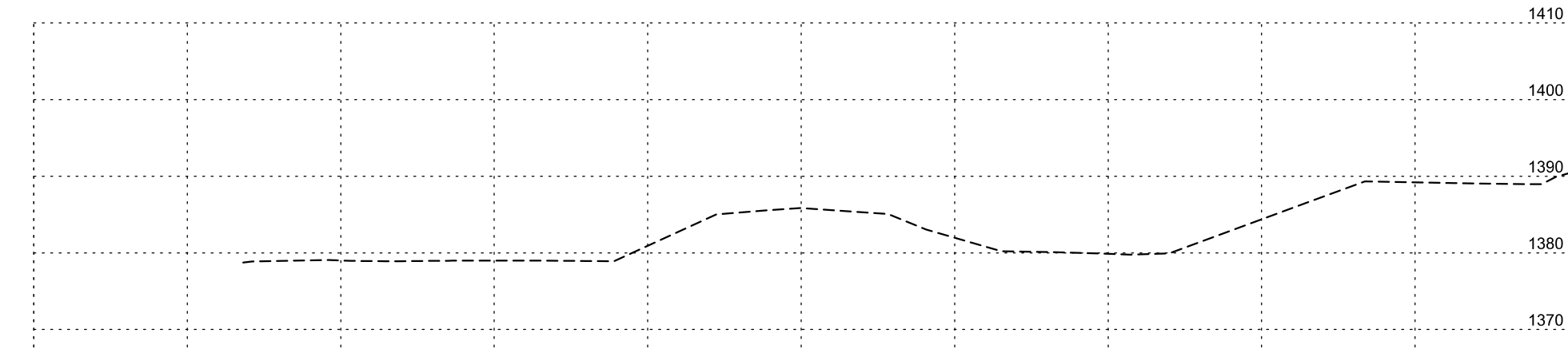
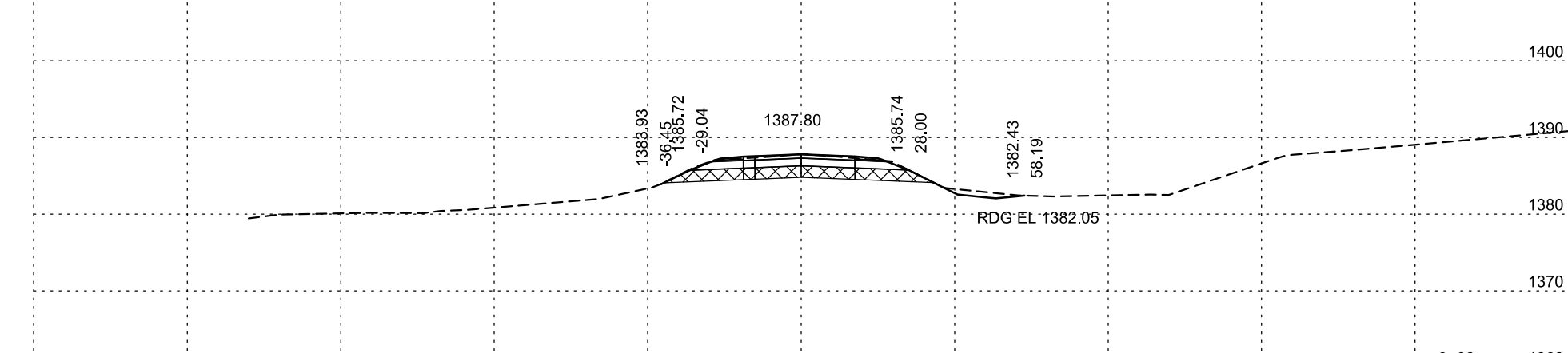
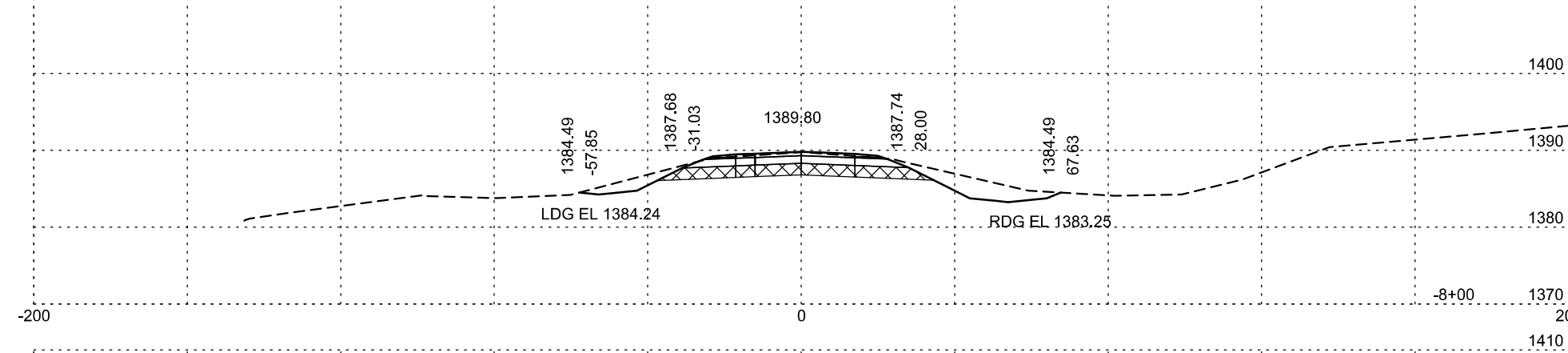
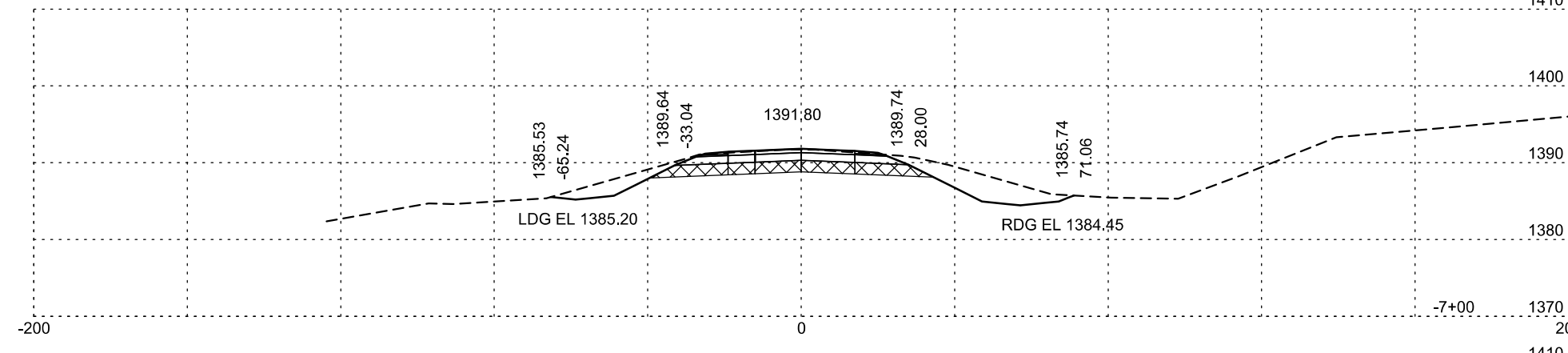
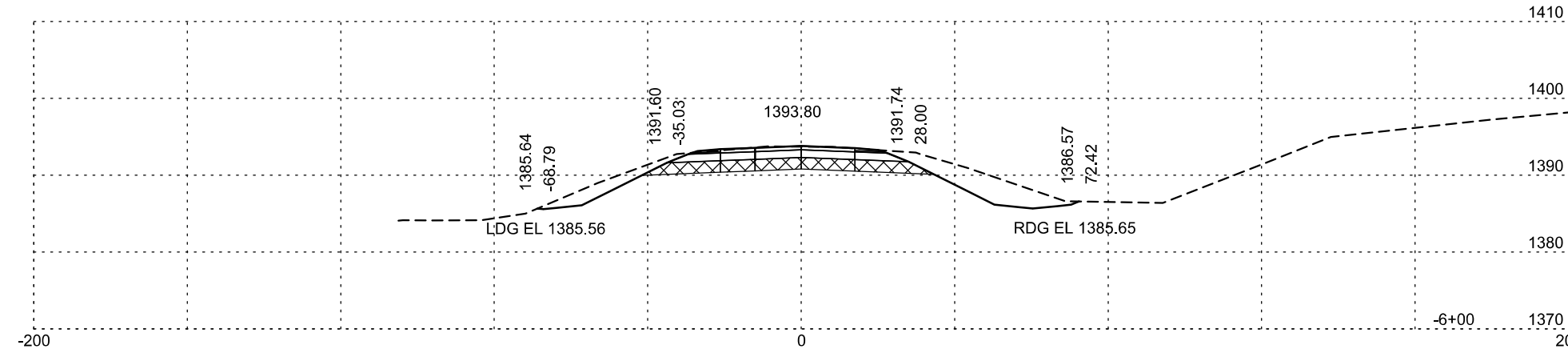
Hole Number	25	25
Station	140+00	140+00
Offset	23.4'RT	23.4'RT
Depth, ft	1.4-3.6	3.6-12.0
Moisture Depth, ft	2.8	6.0
Moisture, %	24.6	18.7
Dry Loose Wt, lbs/cuft	76.9	77.0
% Passing 3/8	99.5	98.4
% Passing #4	99.2	97.7
% Passing #10	97.8	96.0
% Passing #40	90.2	84.9
% Passing #200	70.1	65.1
% Sand	27.7	30.9
% Silt	36.5	33.4
% Clay	33.7	31.7
Liquid Limit	36	37
Plastic Limit	18	18
Plasticity Index	18	19
Soil Color	Gray	Brown
Textural Class.	Silt Clay	Sandy Clay
AASHTO Class.	A-6 (10)	A-6 (10)

- PROCESSED SUBGRADE TOPPING
- MUCK EXCAVATION
- UNSTABLE EXCAVATION

SD HWY 50



FOR BIDDING PURPOSES ONLY

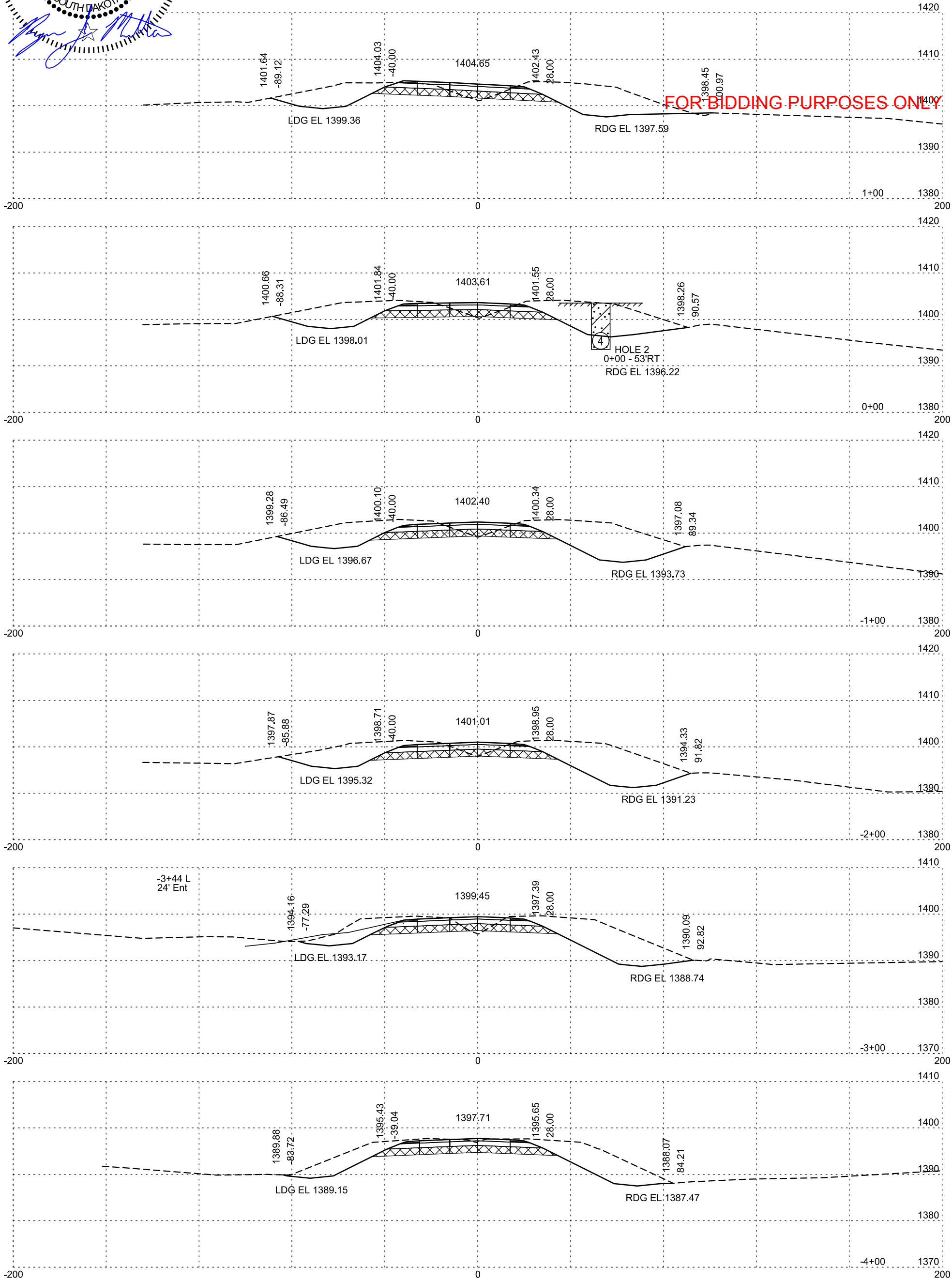


Plotting Date: 1/2/2025

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	NH-PH 0050(116)354 P 0037(168)19	X4	X43

SD HWY 50

- PROCESSED SUBGRADE TOPPING
- MUCK EXCAVATION
- UNSTABLE EXCAVATION

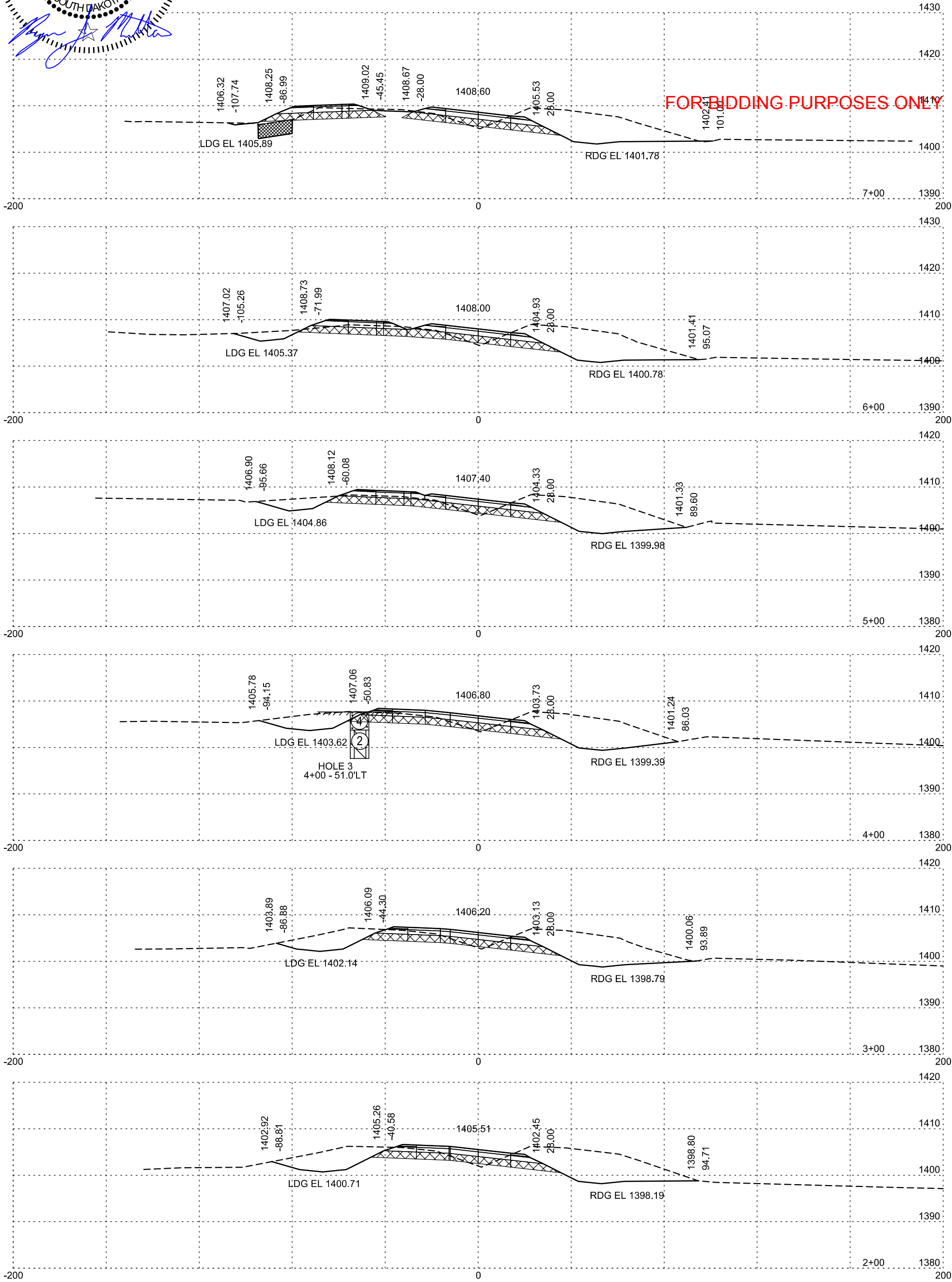


Plotting Date: 1/2/2025

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	NH-PH 0050(116)354 P 0037(168)19		
		X5	X43

SD HWY 50

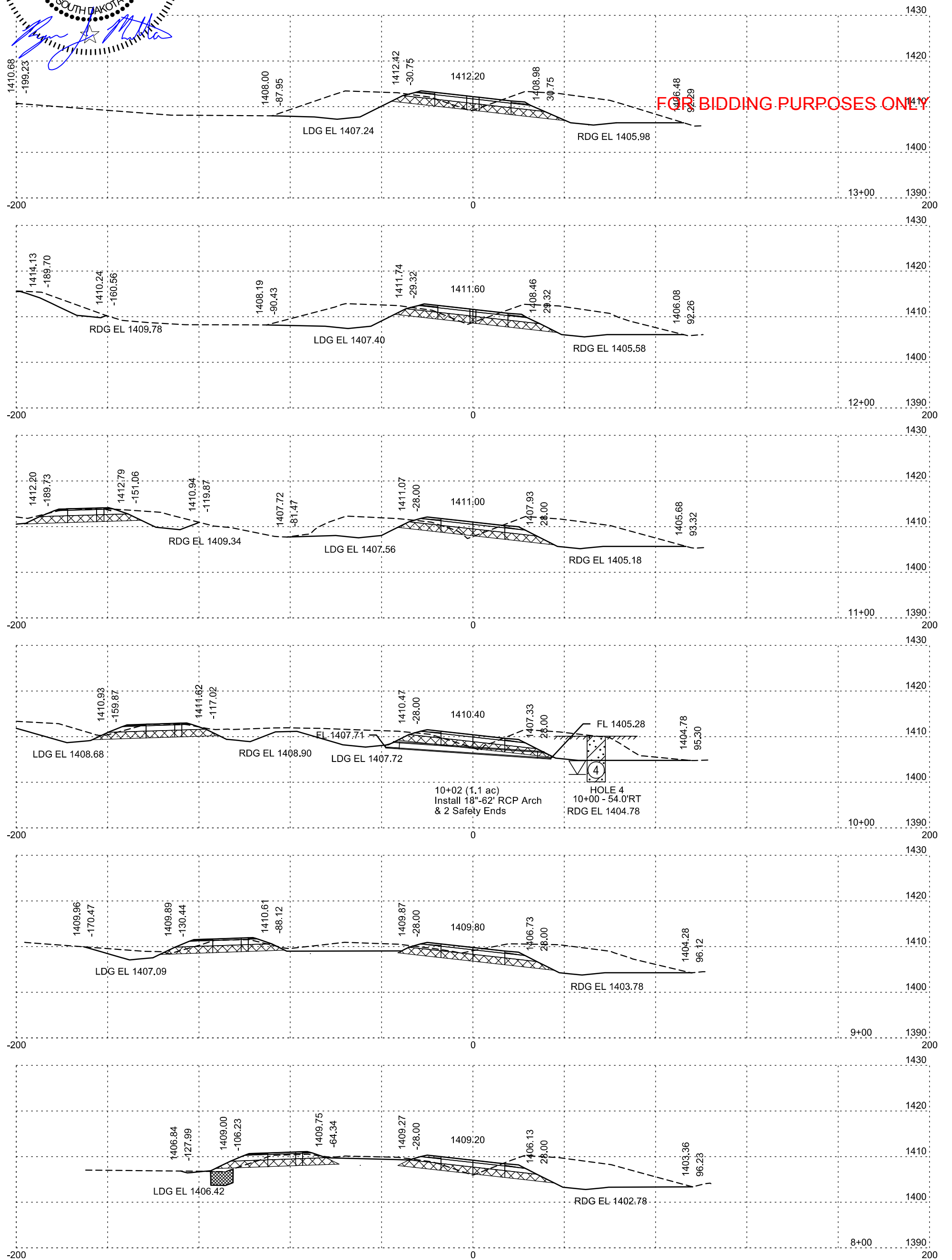
- PROCESSED SUBGRADE TOPPING
- MUCK EXCAVATION
- UNSTABLE EXCAVATION



Plotting Date: 1/2/2025

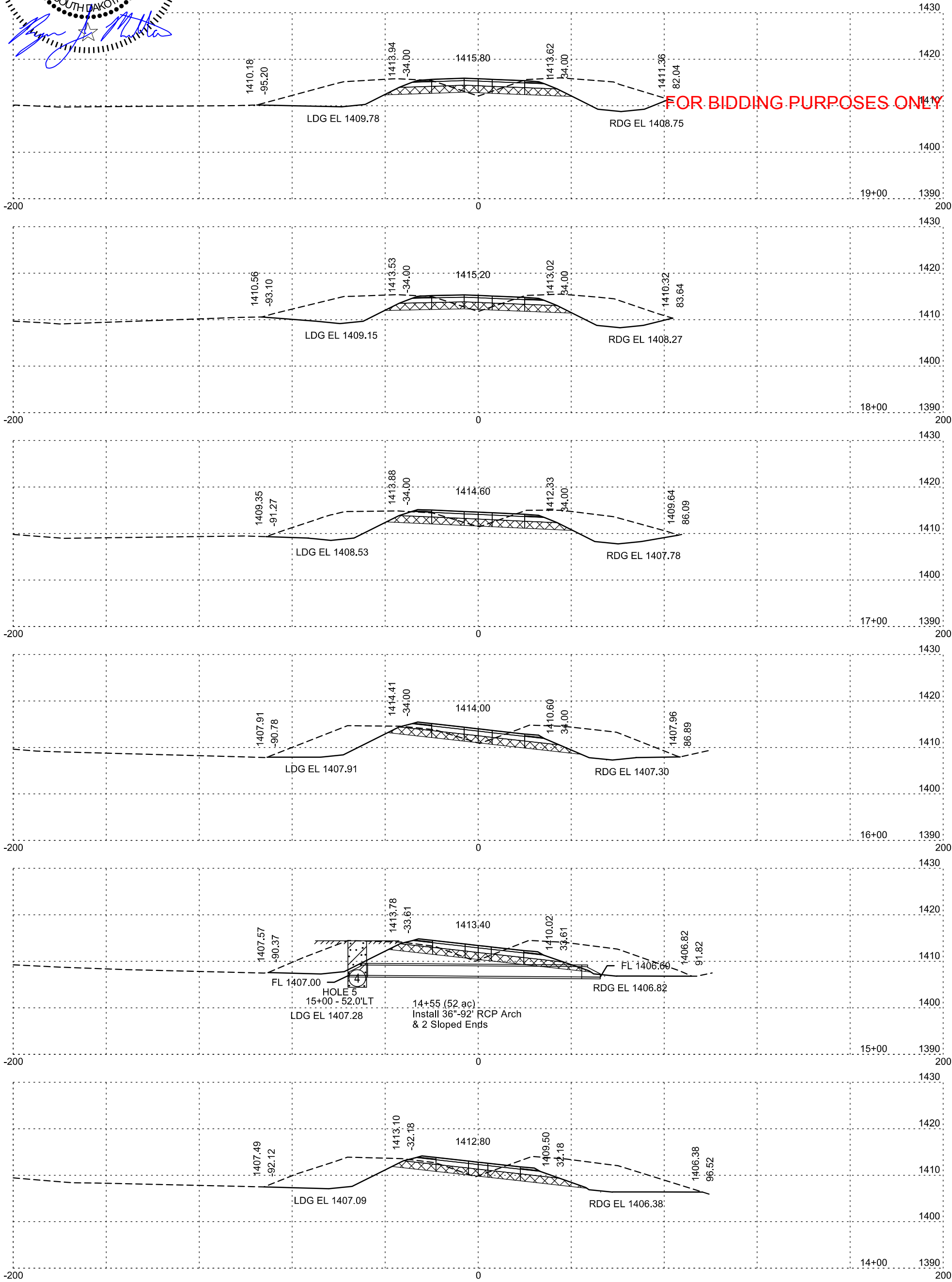
STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	NH-PH 0050(116)354 P 0037(168)19	X6	X43

	PROCESSED SUBGRADE TOPPING
	MUCK EXCAVATION
	UNSTABLE EXCAVATION



SD HWY 50

- PROCESSED SUBGRADE TOPPING
- MUCK EXCAVATION
- UNSTABLE EXCAVATION

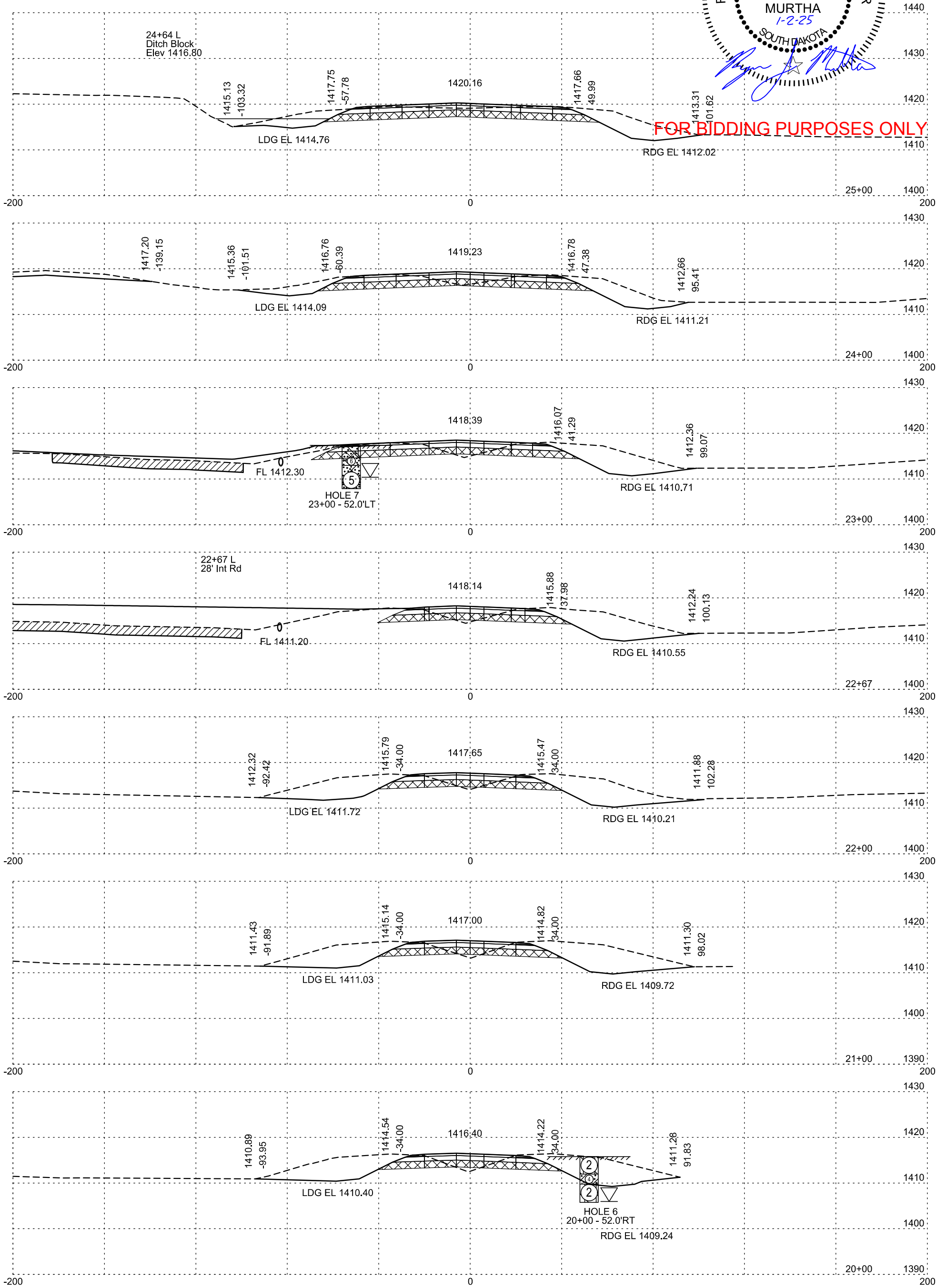


Plotting Date: 1/2/2025

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	NH-PH 0050(116)354 P 0037(168)19	X8	X43

SD HWY 50

- PROCESSED SUBGRADE TOPPING
- MUCK EXCAVATION
- UNSTABLE EXCAVATION

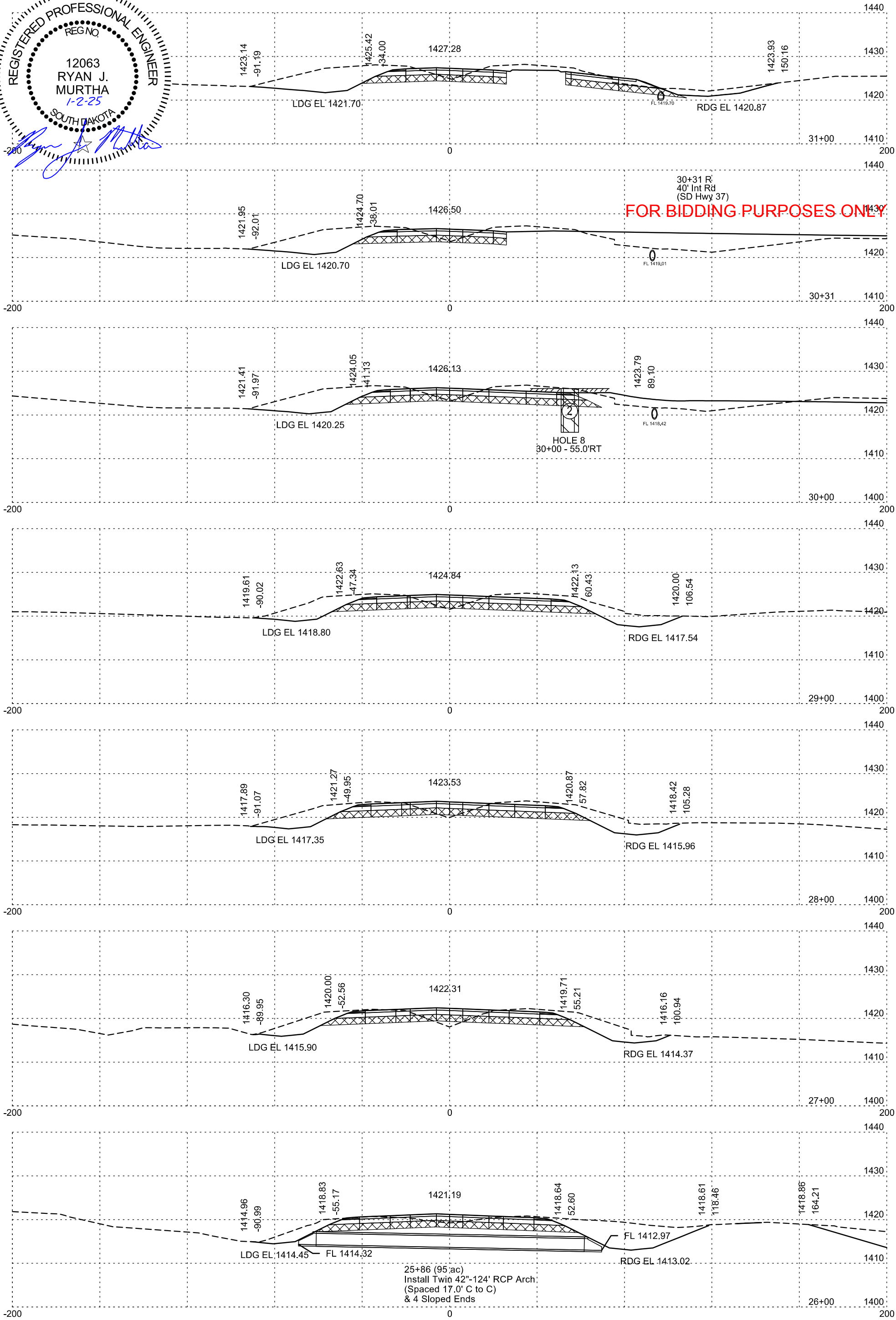
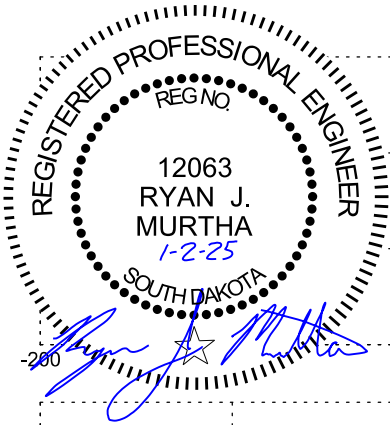


Plotting Date: 1/2/2025

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	NH-PH 0050(116)354 P 0037(168)19		
		X9	X43

SD HWY 50

- PROCESSED SUBGRADE TOPPING
- MUCK EXCAVATION
- UNSTABLE EXCAVATION

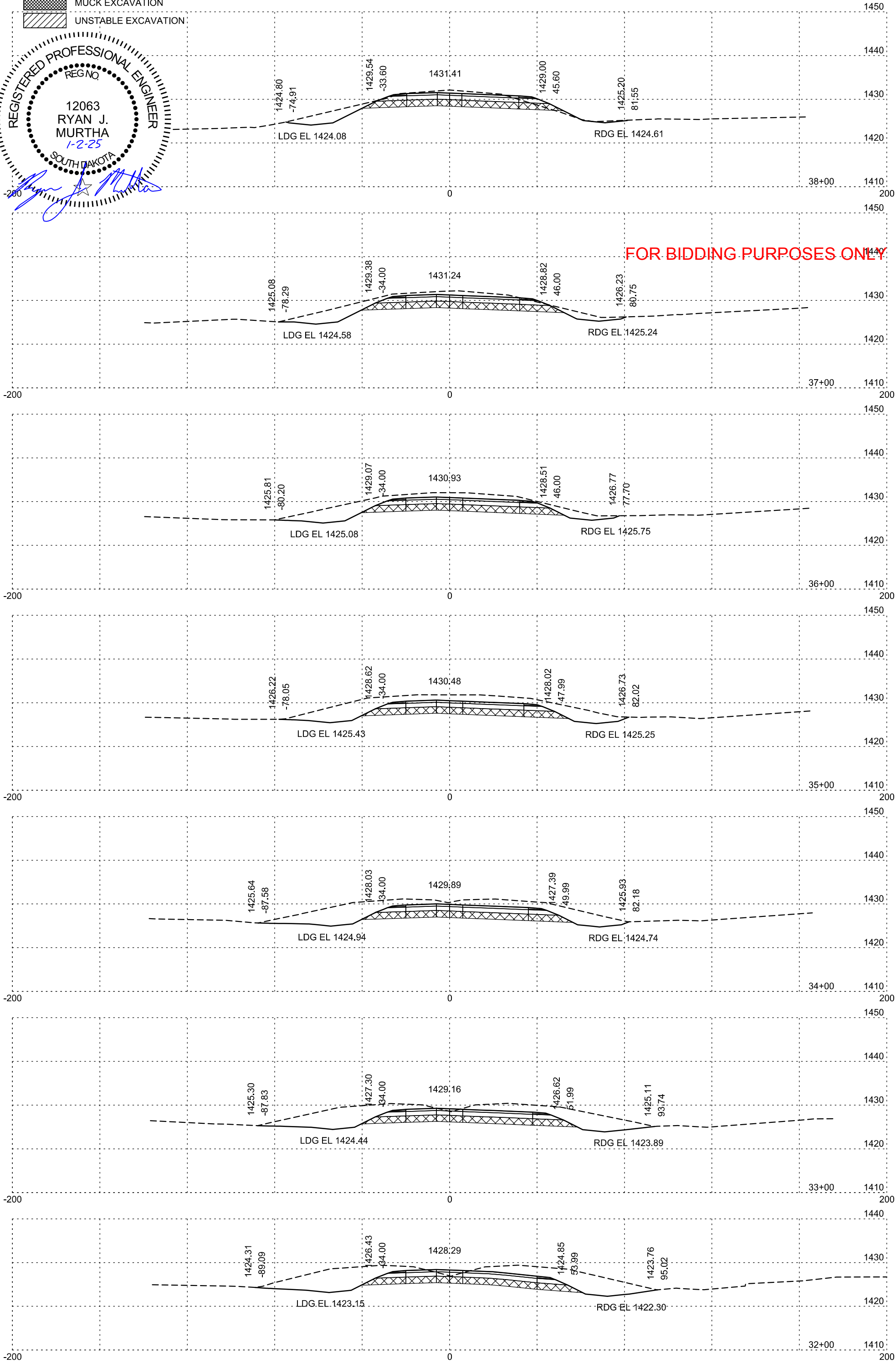
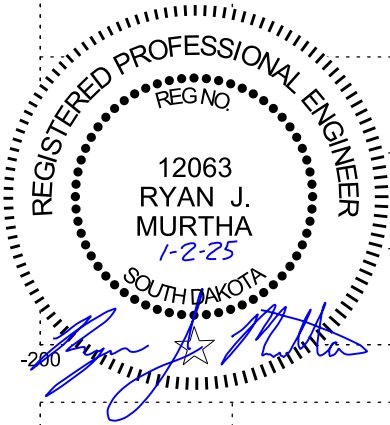


Plotting Date: 1/2/2025

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	NH-PH 0050(116)354 P 0037(168)19	X10	X43

SD HWY 50

- PROCESSED SUBGRADE TOPPING
- MUCK EXCAVATION
- UNSTABLE EXCAVATION

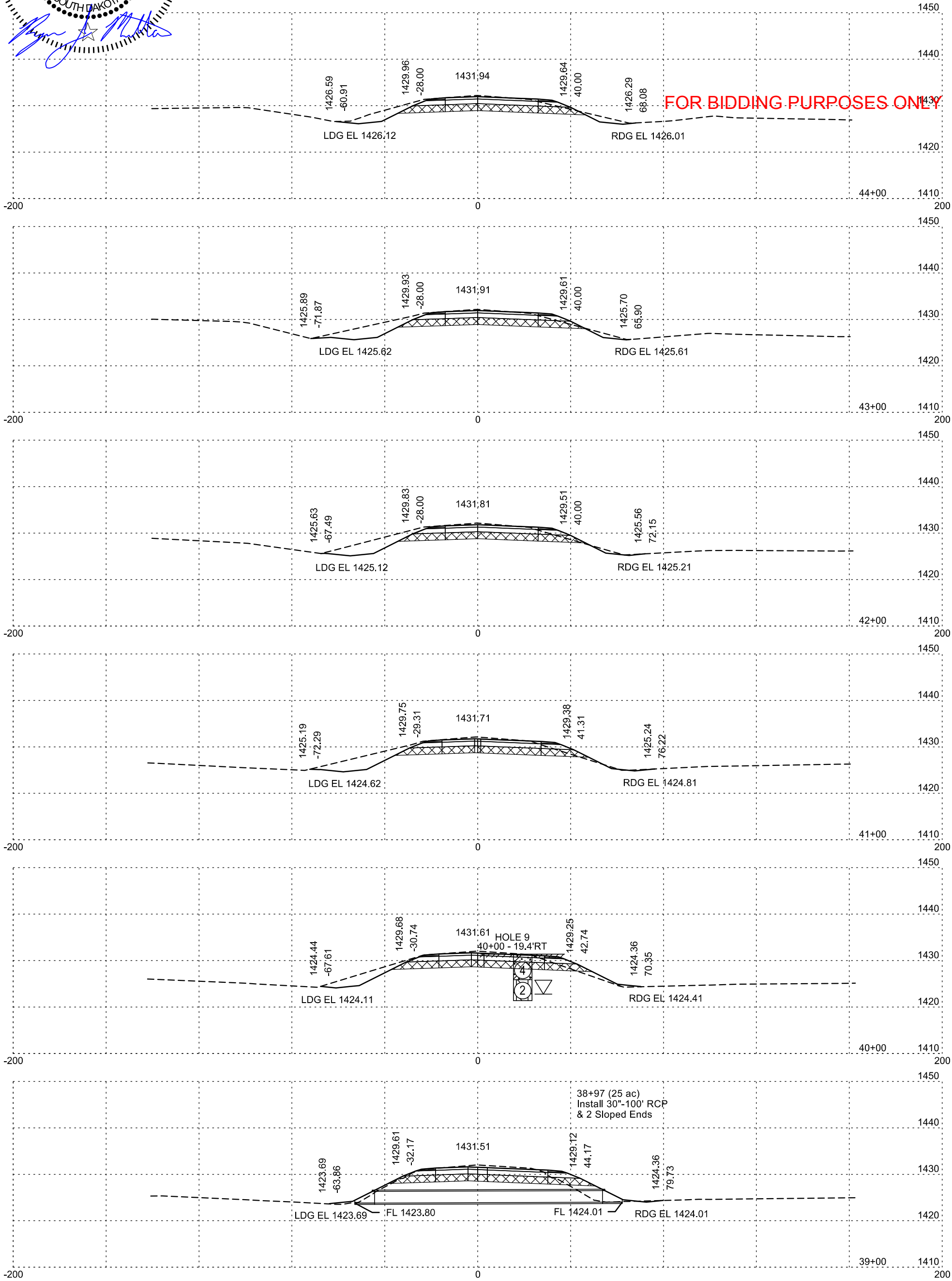


Plotting Date: 1/2/2025

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	NH-PH 0050(116)354 P 0037(168)19	X11	X43

SD HWY 50

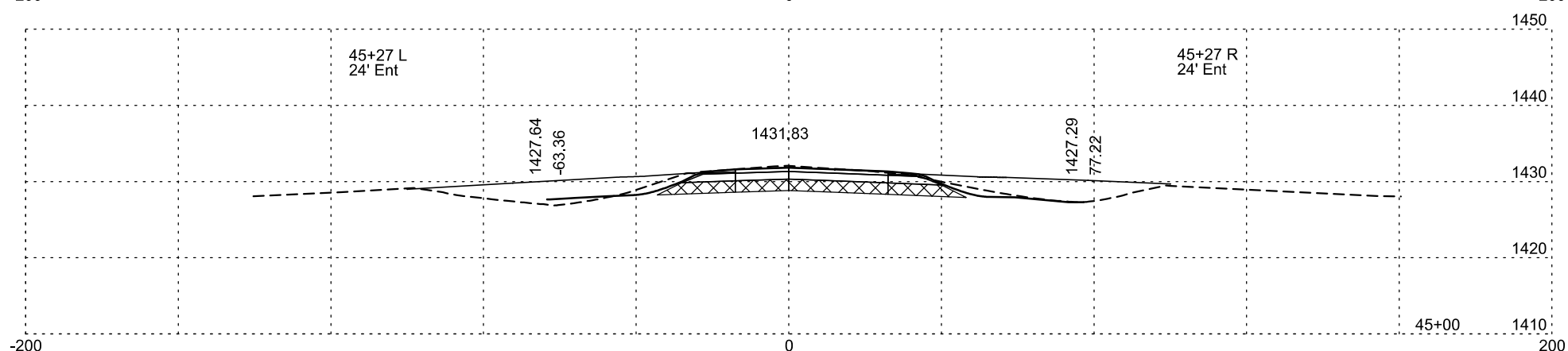
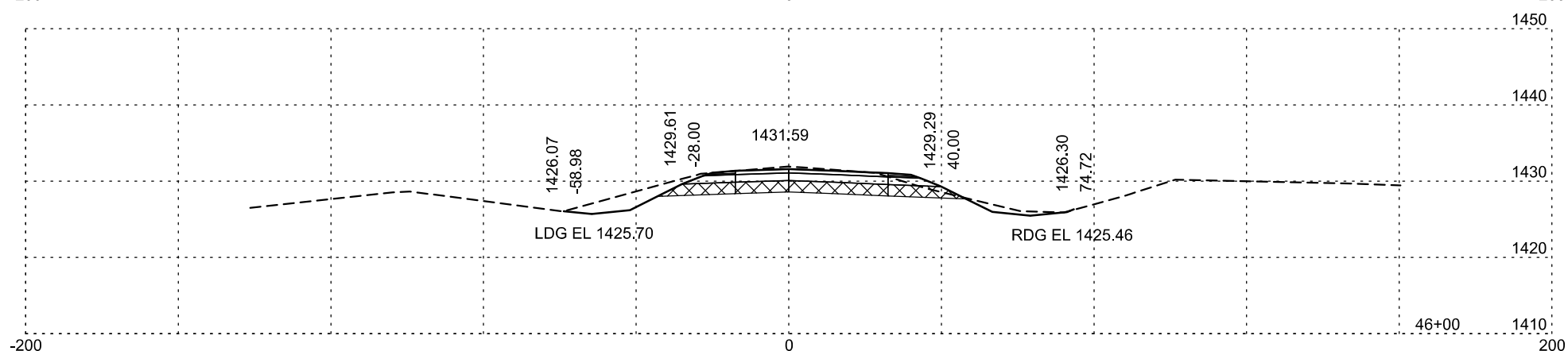
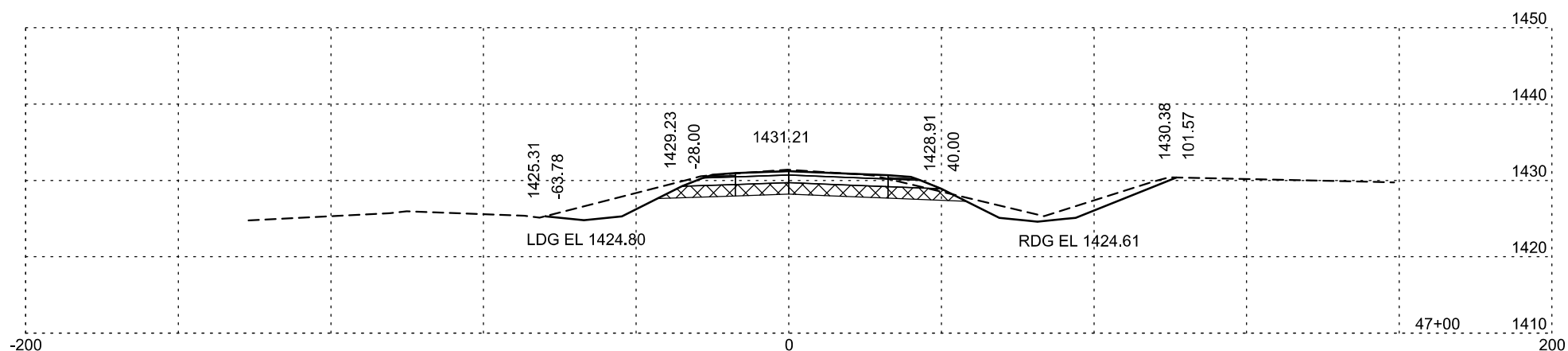
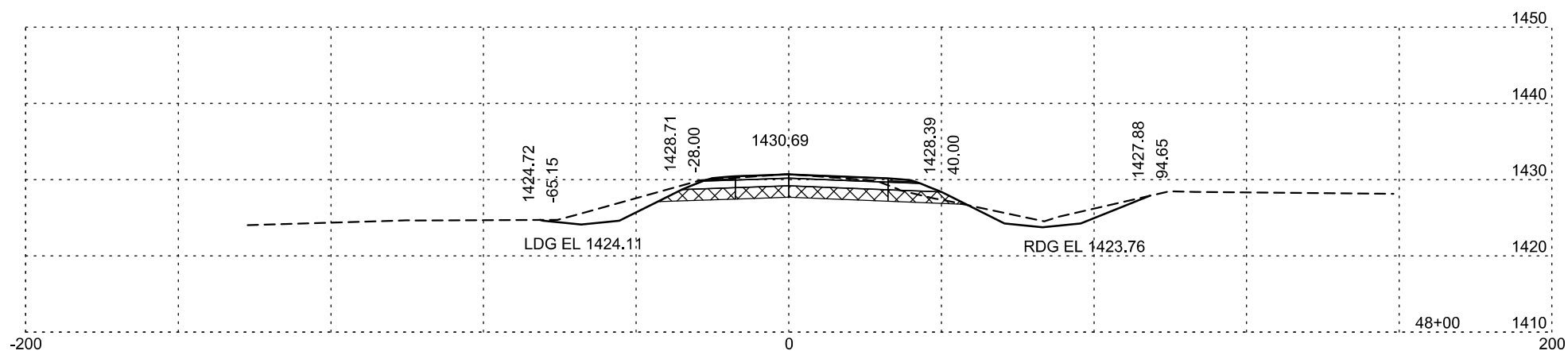
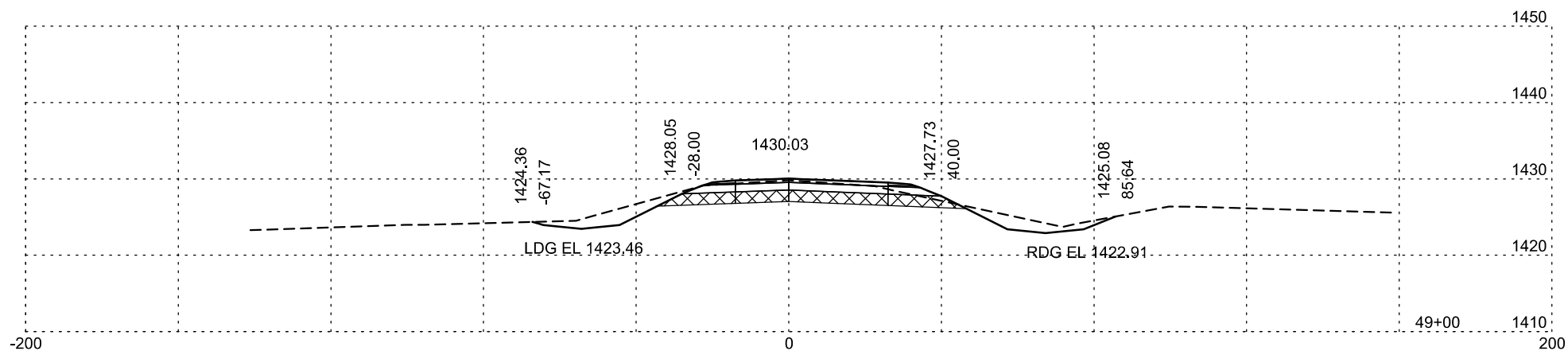
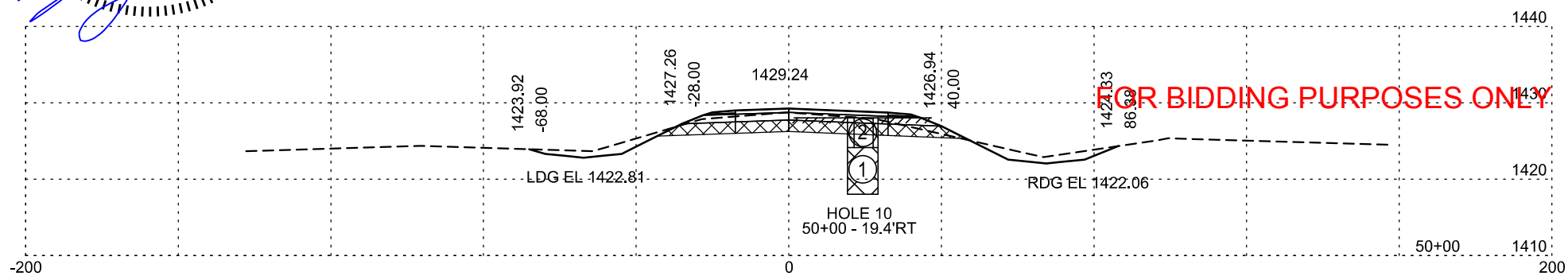
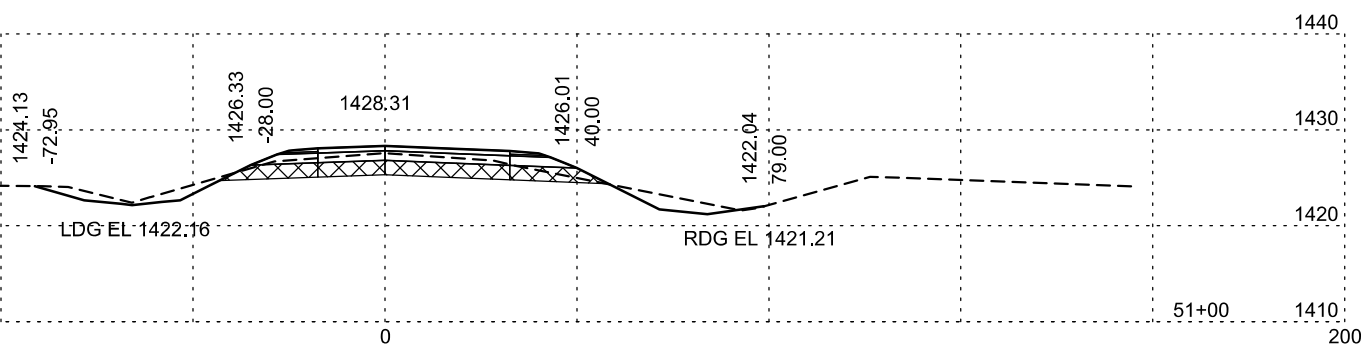
- PROCESSED SUBGRADE TOPPING
- MUCK EXCAVATION
- UNSTABLE EXCAVATION



Plotting Date: 1/2/2025

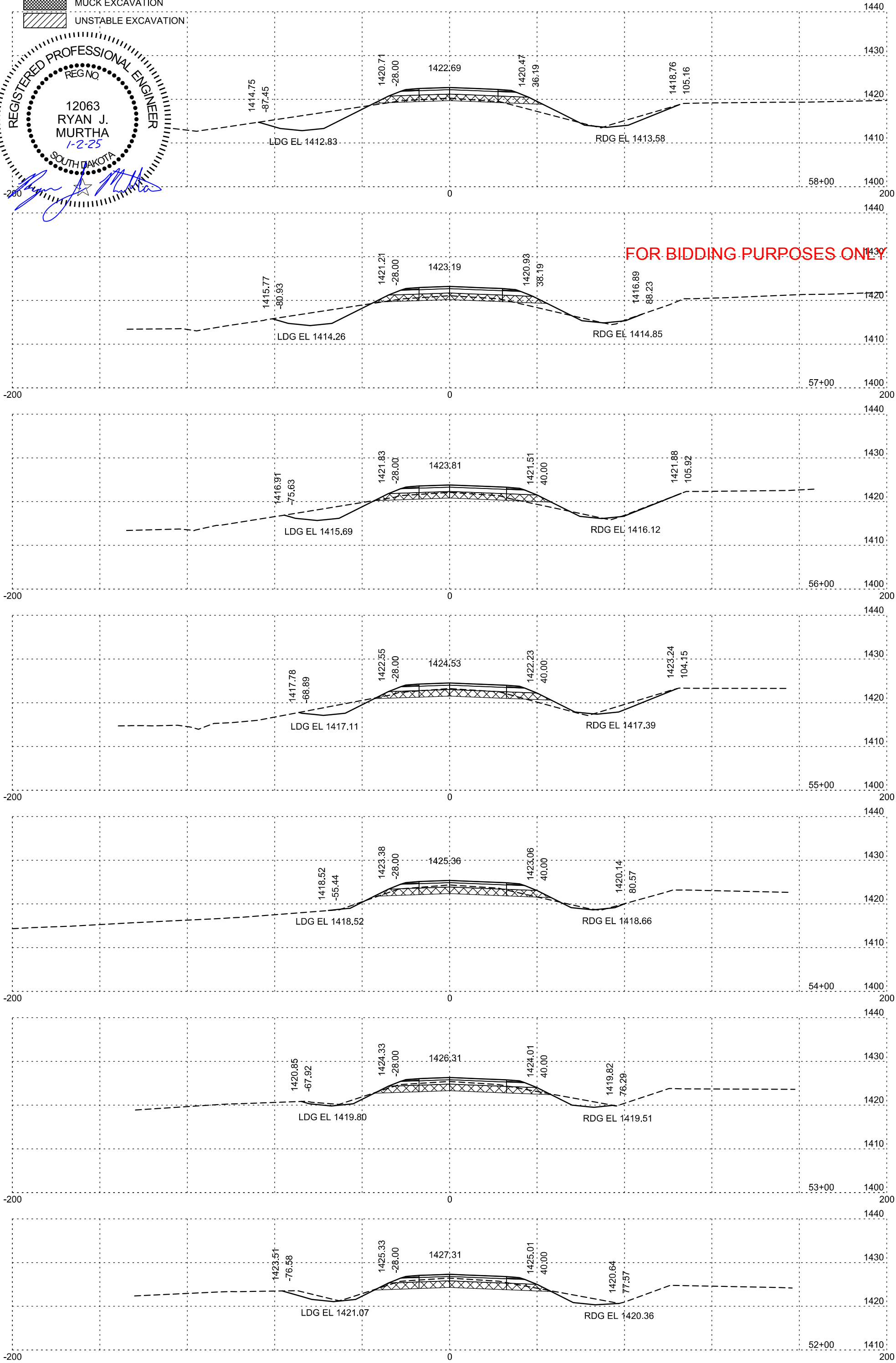
STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	NH-PH 0050(116)354 P 0037(168)19	X12	X43

 PROCESSED SUBGRADE TOPPING
 MUCK EXCAVATION
 UNSTABLE EXCAVATION



SD HWY 50

- PROCESSED SUBGRADE TOPPING
- MUCK EXCAVATION
- UNSTABLE EXCAVATION

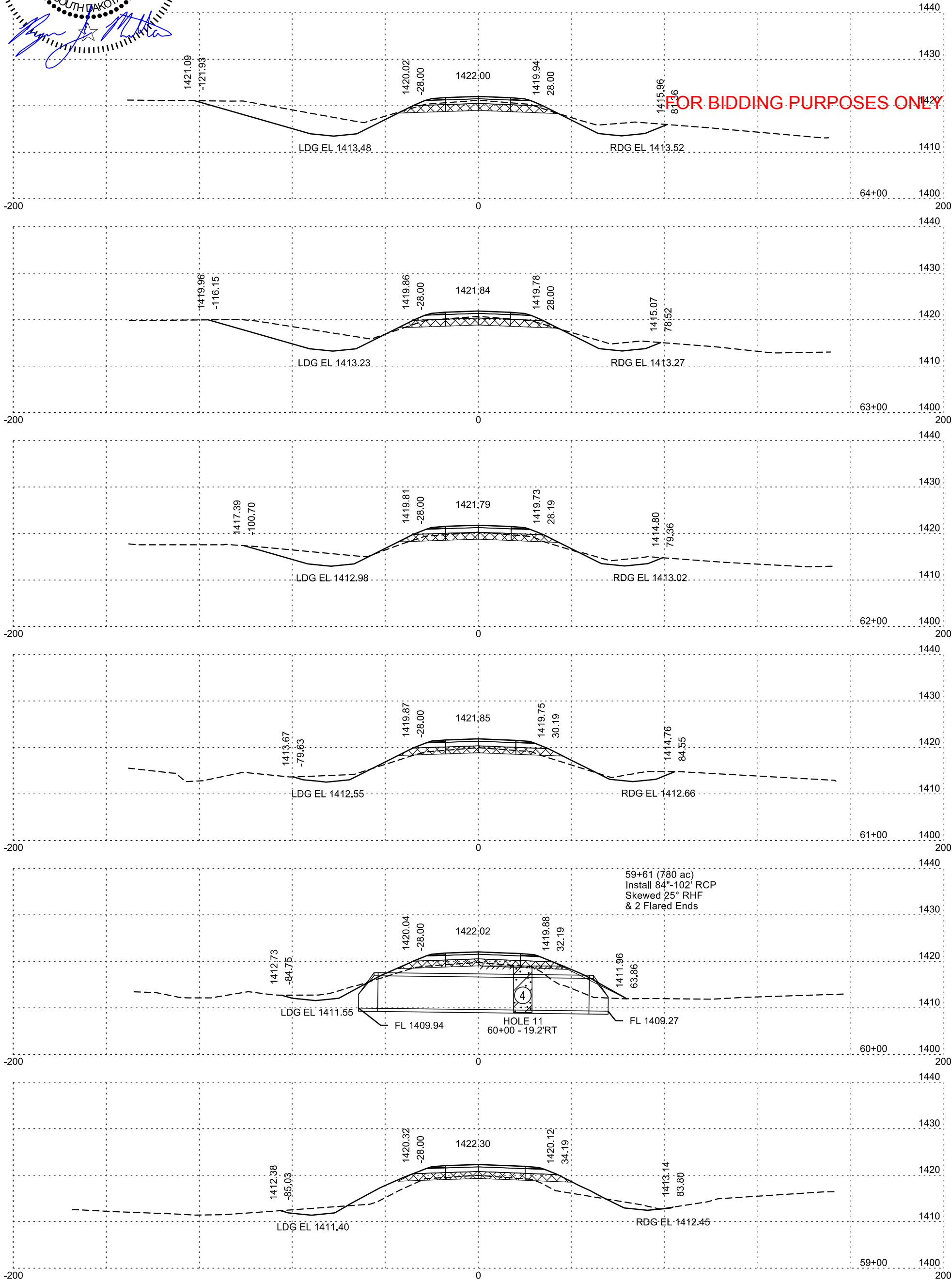


Plotting Date: 1/2/2025

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	NH-PH 0050(116)354 P 0037(168)19	X14	X43

SD HWY 50

- PROCESSED SUBGRADE TOPPING
- MUCK EXCAVATION
- UNSTABLE EXCAVATION

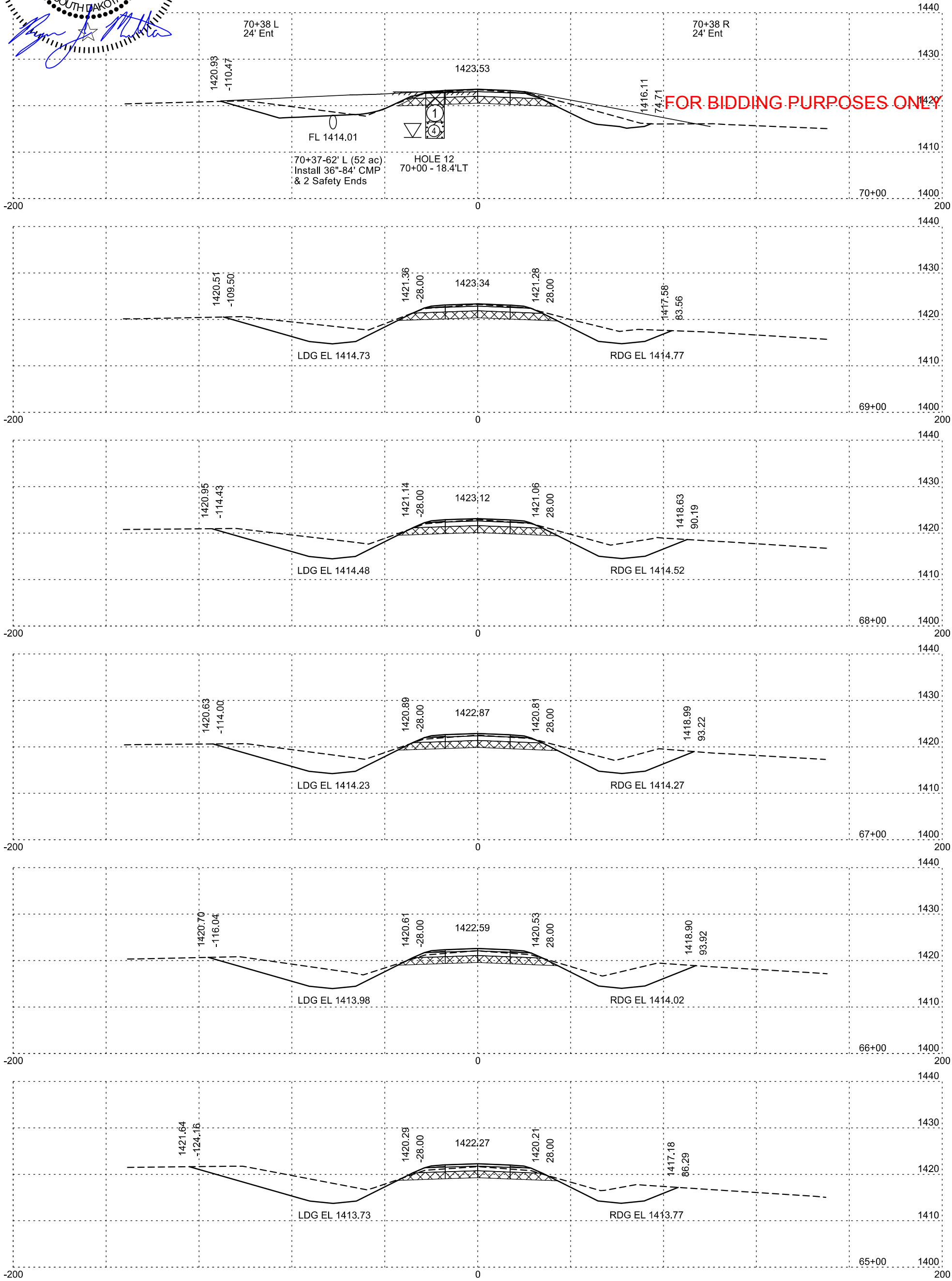


Plotting Date: 1/2/2025

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	NH-PH 0050(116)354 P 0037(168)19	X15	X43

SD HWY 50

- PROCESSED SUBGRADE TOPPING
- MUCK EXCAVATION
- UNSTABLE EXCAVATION

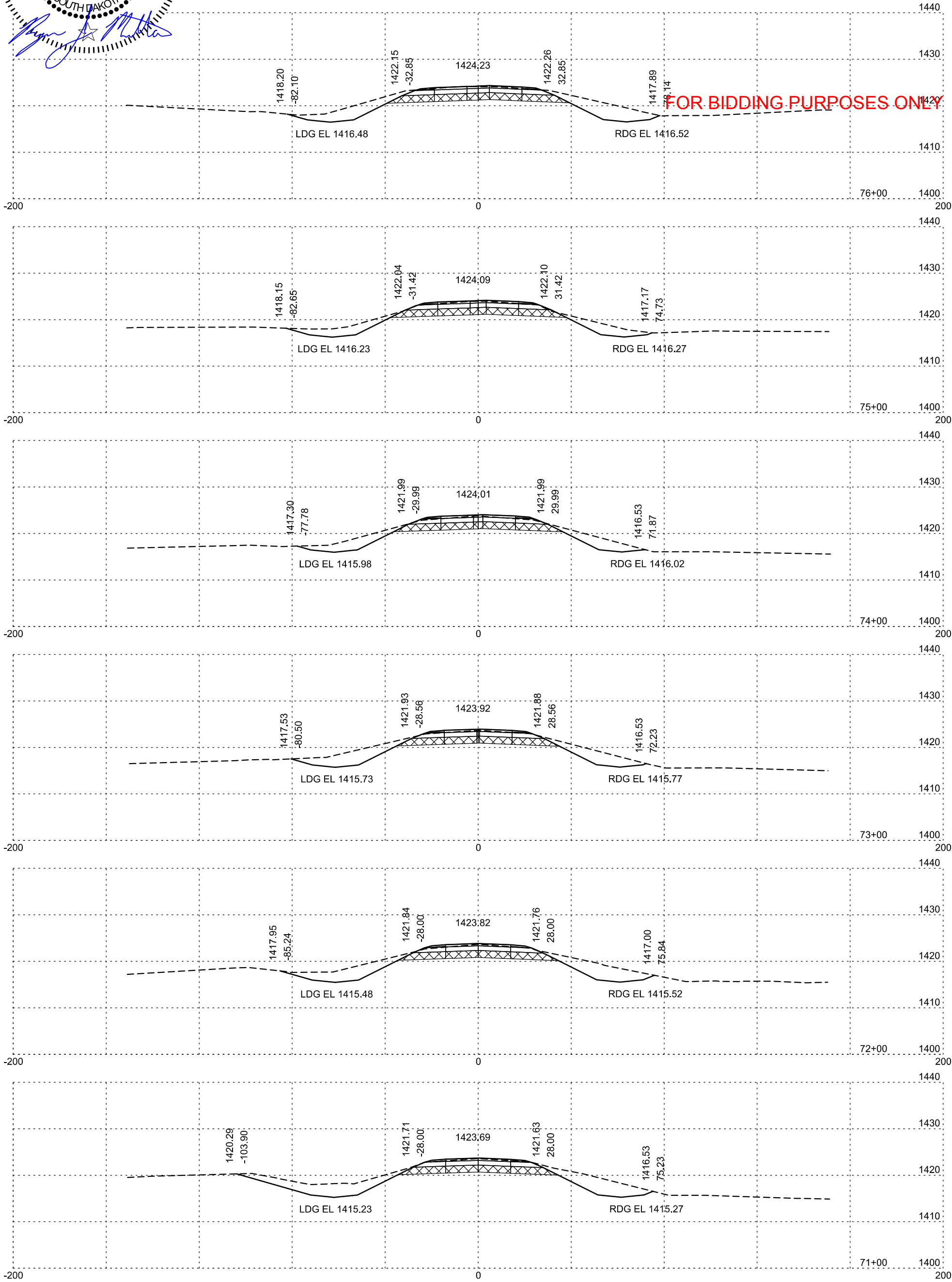


Plotting Date: 1/2/2025

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	NH-PH 0050(116)354 P 0037(168)19		
		X16	X43

SD HWY 50

- PROCESSED SUBGRADE TOPPING
- MUCK EXCAVATION
- UNSTABLE EXCAVATION

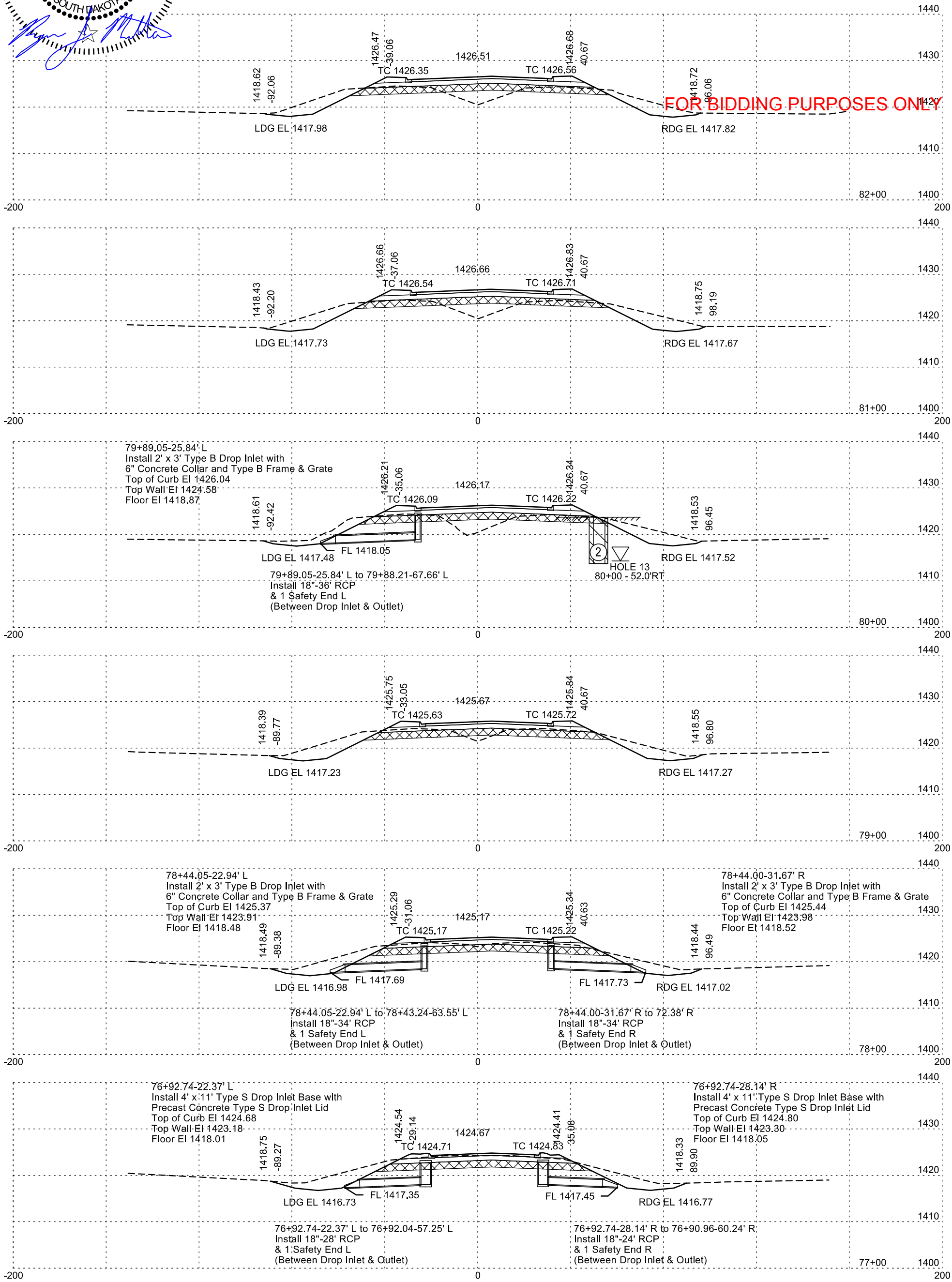
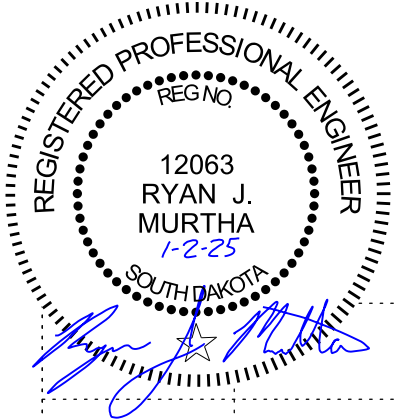


Plotting Date: 1/2/2025

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	NH-PH 0050(116)354 P 0037(168)19	X17	X43

PROCESSED SUBGRADE TOPPING
MUCK EXCAVATION
UNSTABLE EXCAVATION

SD HWY 50

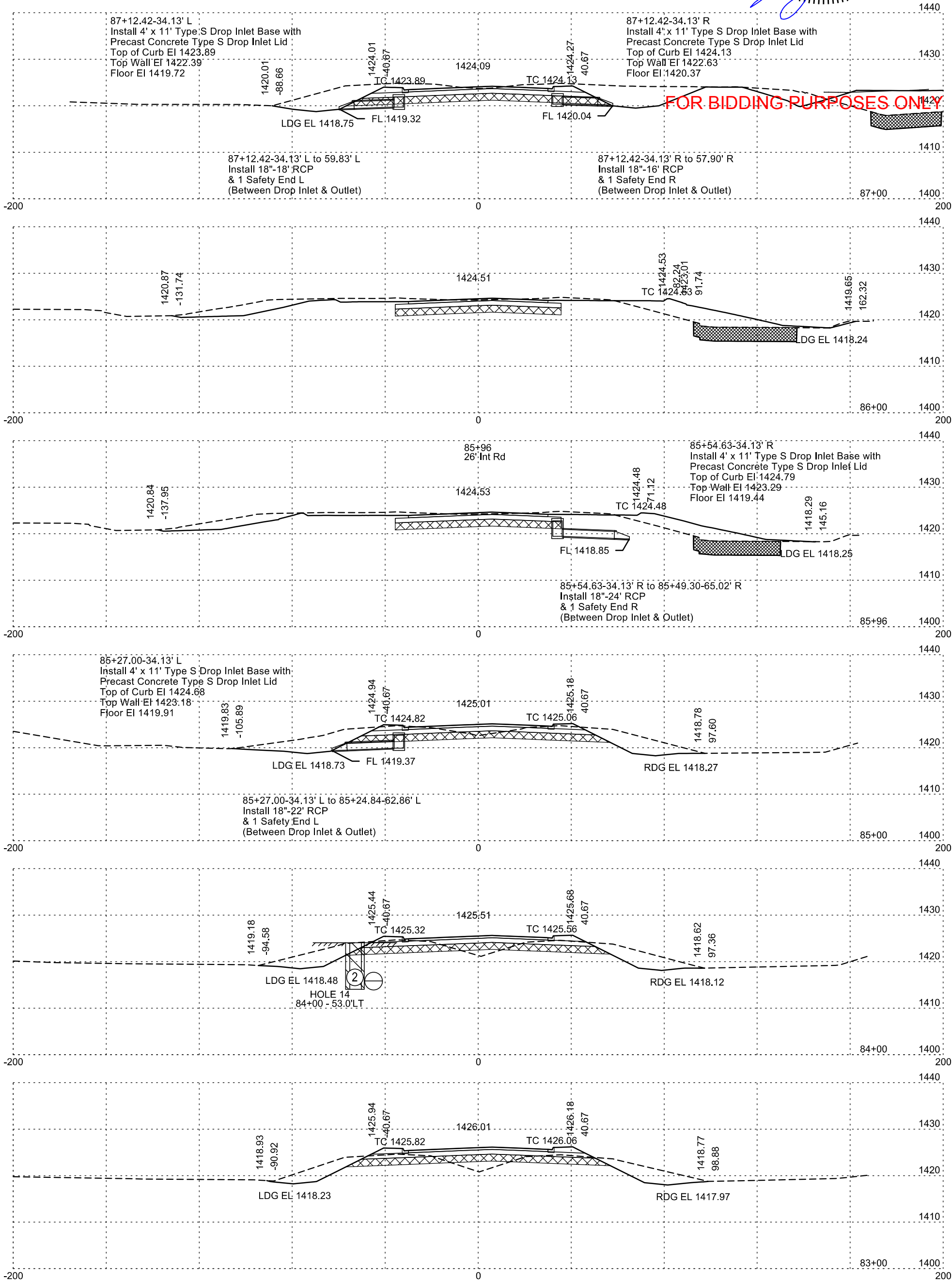


Plotting Date: 1/2/2025

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	NH-PH 0050(116)354 P 0037(168)19	X18	X43

- PROCESSED SUBGRADE TOPPING
- MUCK EXCAVATION
- UNSTABLE EXCAVATION

SD HWY 50

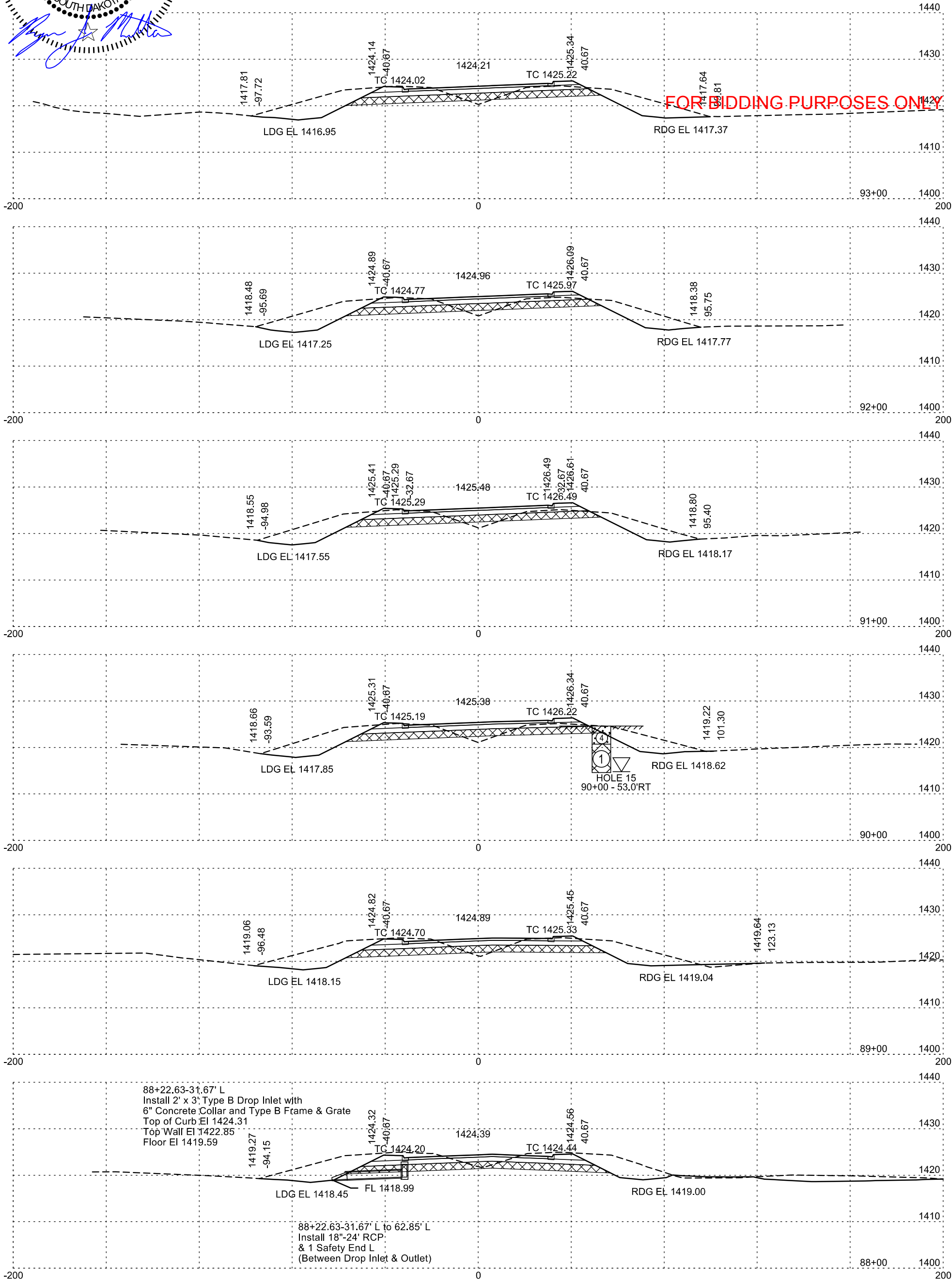


Plotting Date: 1/2/2025

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	NH-PH 0050(116)354 P 0037(168)19	X19	X43

- PROCESSED SUBGRADE TOPPING
- MUCK EXCAVATION
- UNSTABLE EXCAVATION

SD HWY 50



Plotting Date: 1/2/2025

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	NH-PH 0050(116)354 P 0037(168)19	X20	X43

SD HWY 50

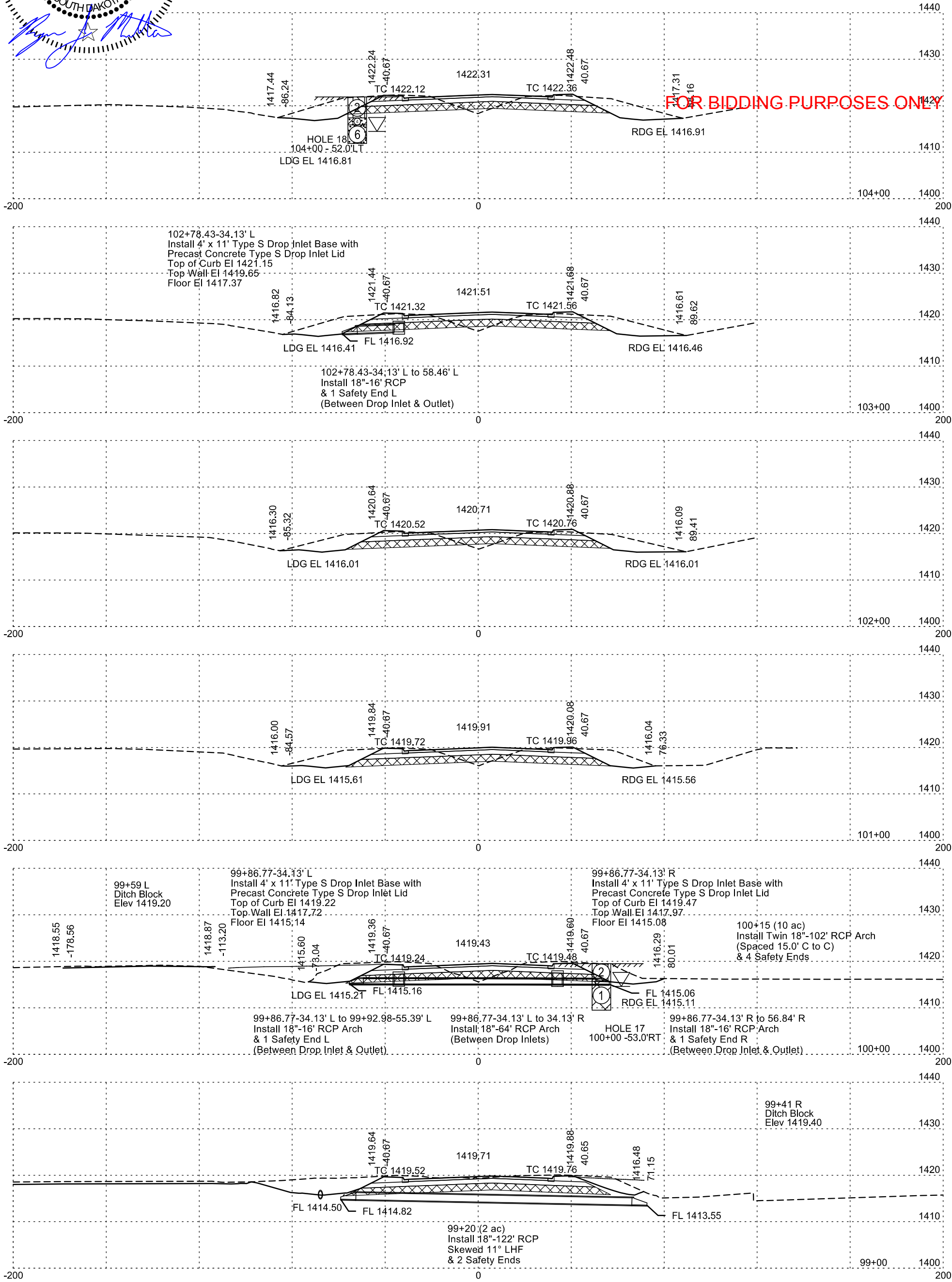


Plotting Date: 1/2/2025

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	NH-PH 0050(116)354 P 0037(168)19	X21	X43

SD HWY 50

- PROCESSED SUBGRADE TOPPING
- MUCK EXCAVATION
- UNSTABLE EXCAVATION

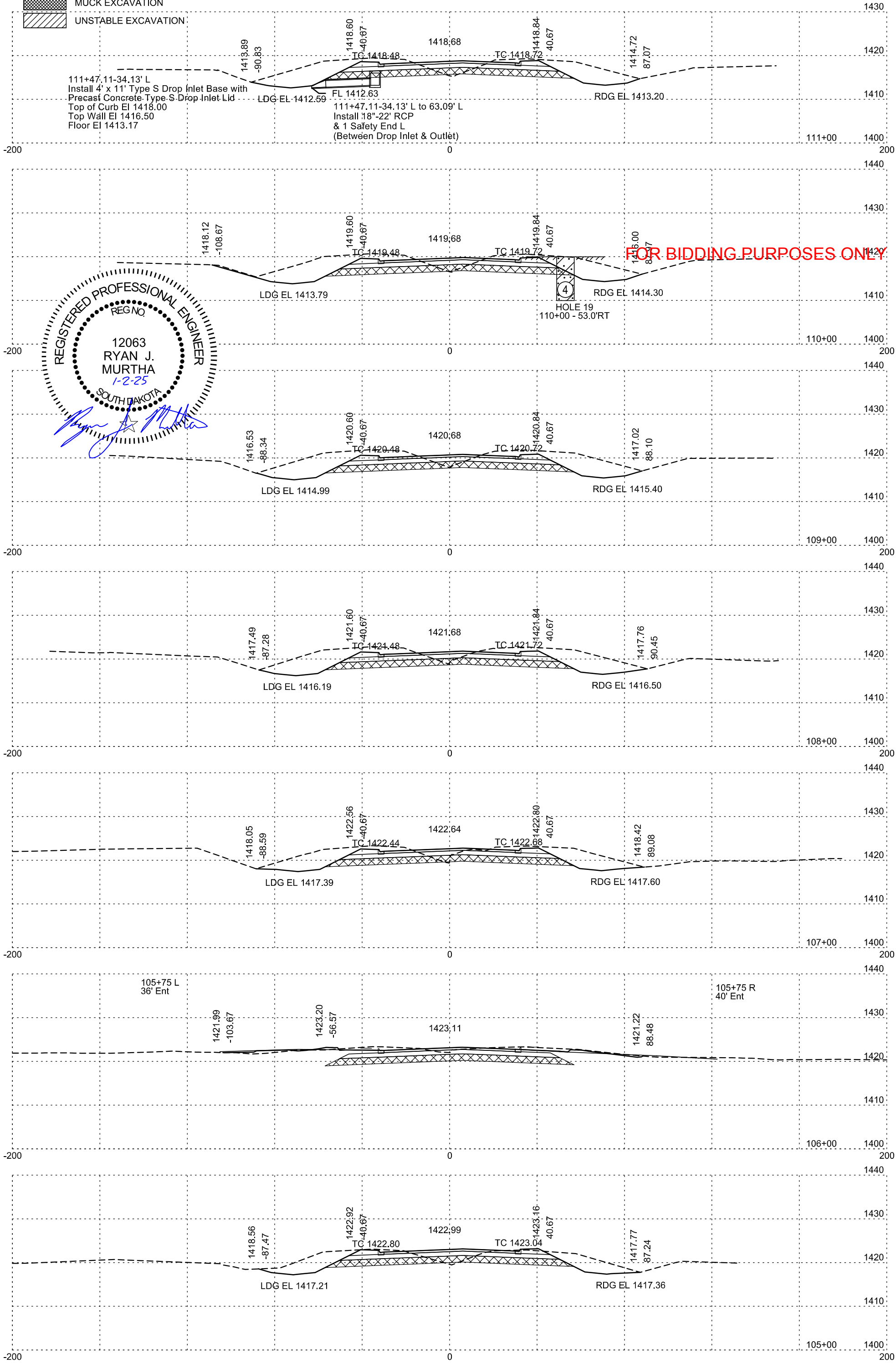


Plotting Date: 1/2/2025

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	NH-PH 0050(116)354 P 0037(168)19	X22	X43

SD HWY 50

- PROCESSED SUBGRADE TOPPING
- MUCK EXCAVATION
- UNSTABLE EXCAVATION

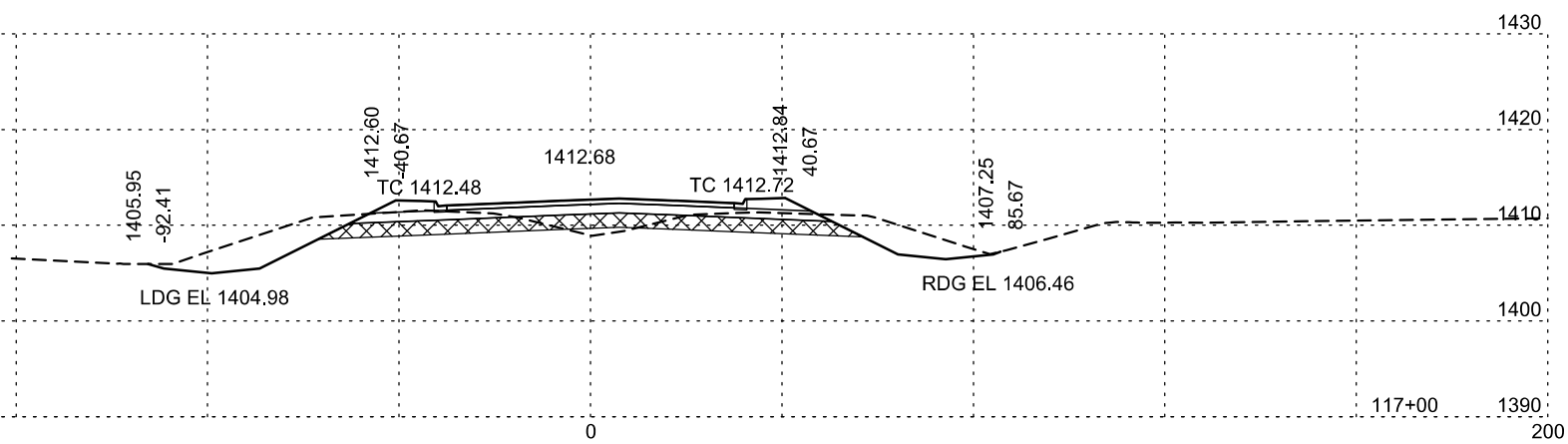


FOR BIDDING PURPOSES ONLY

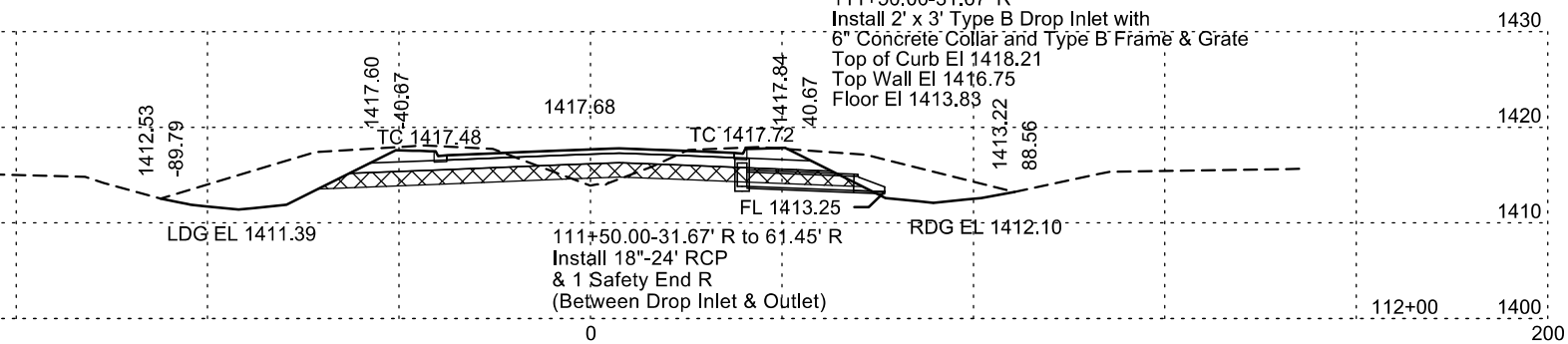
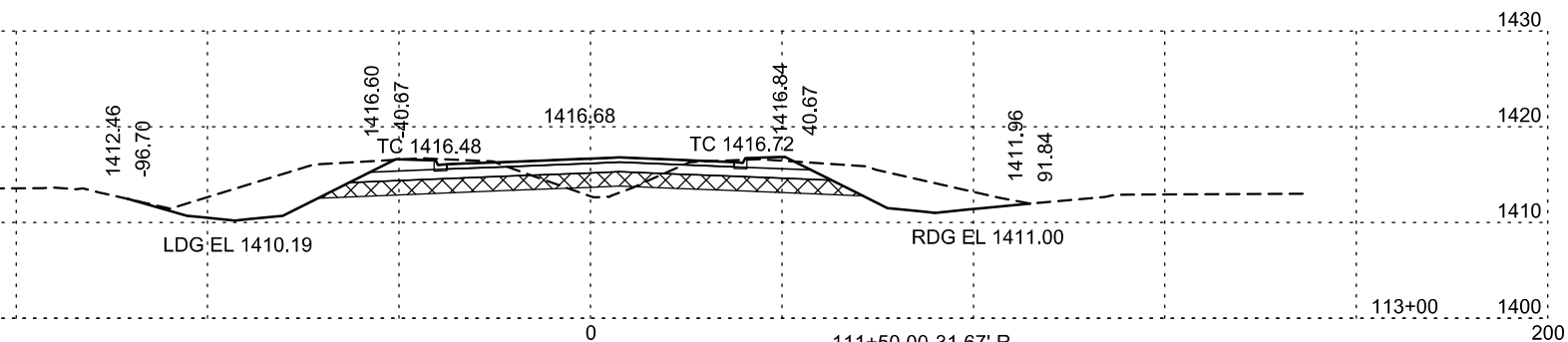
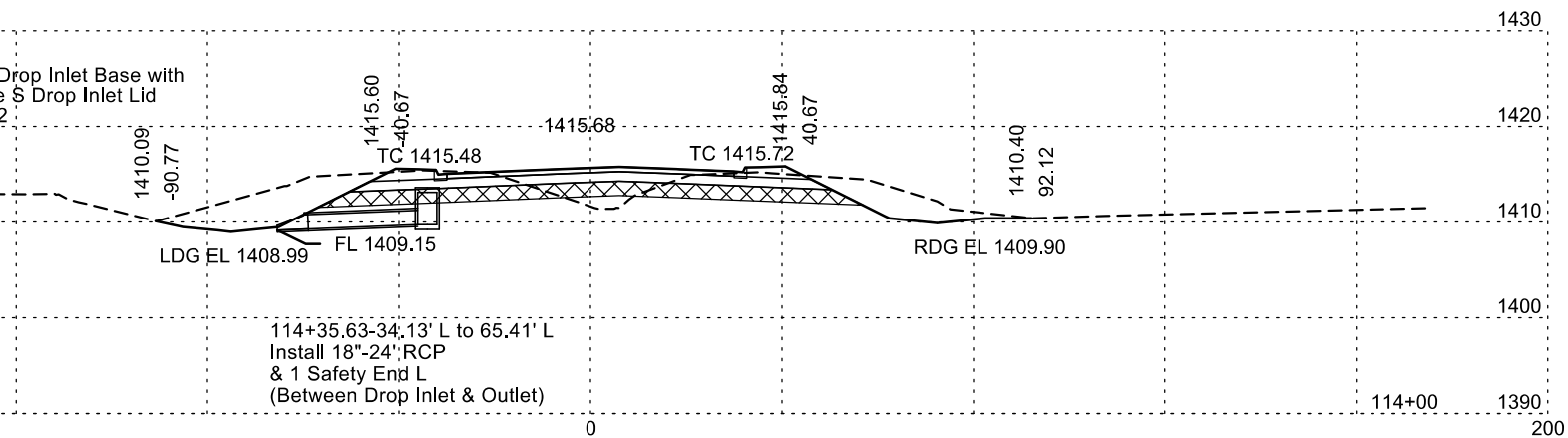
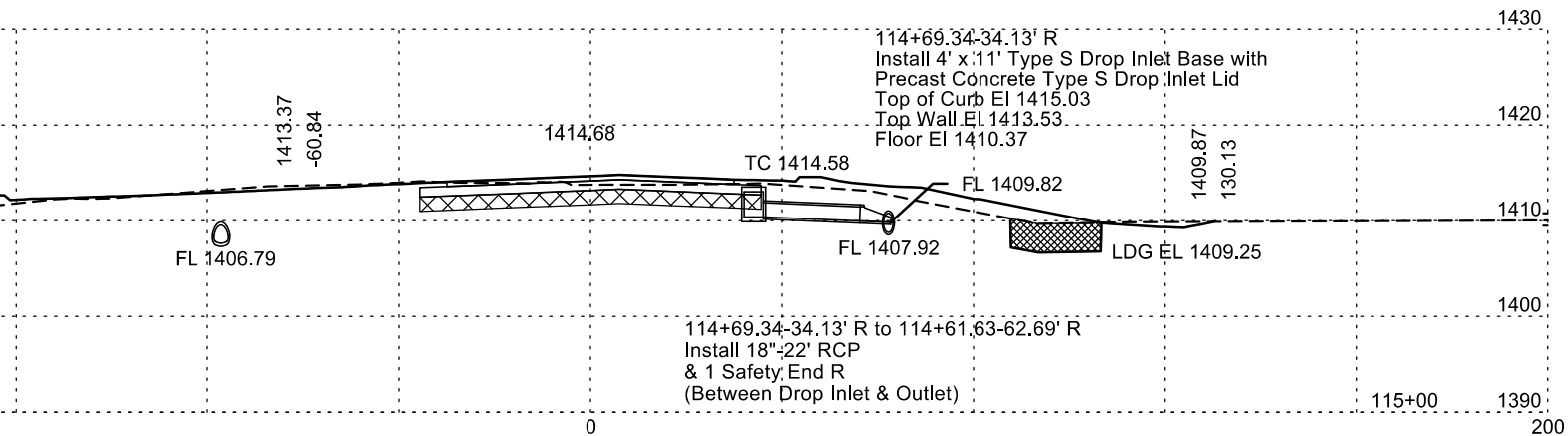
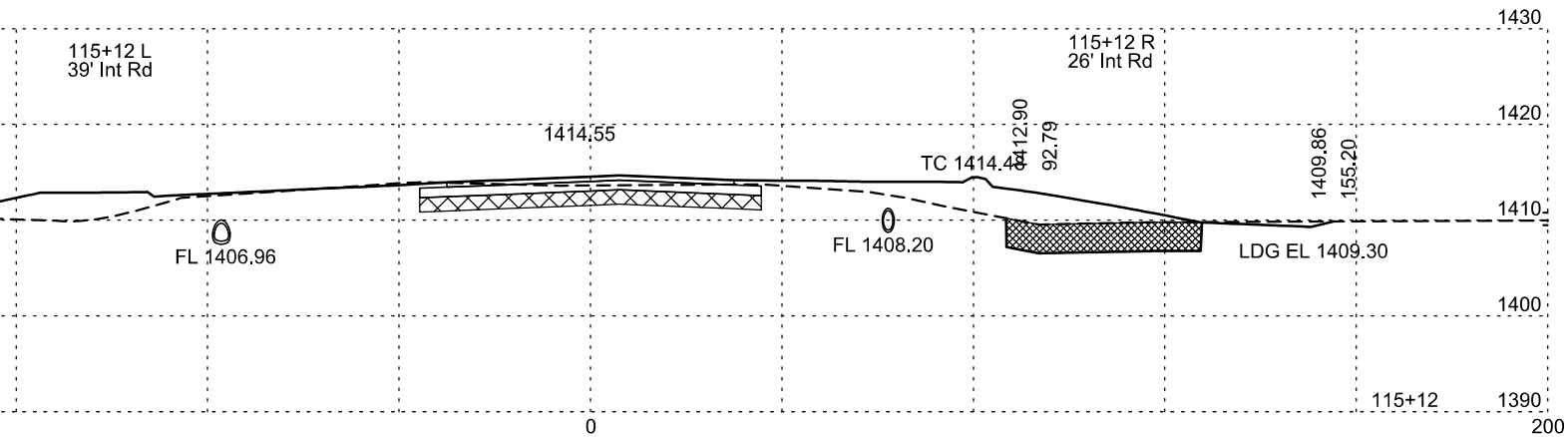
Plotting Date: 1/2/2025

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	NH-PH 0050(116)354 P 0037(168)19	X23	X43

	PROCESSED SUBGRADE TOPPING
	MUCK EXCAVATION
	UNSTABLE EXCAVATION

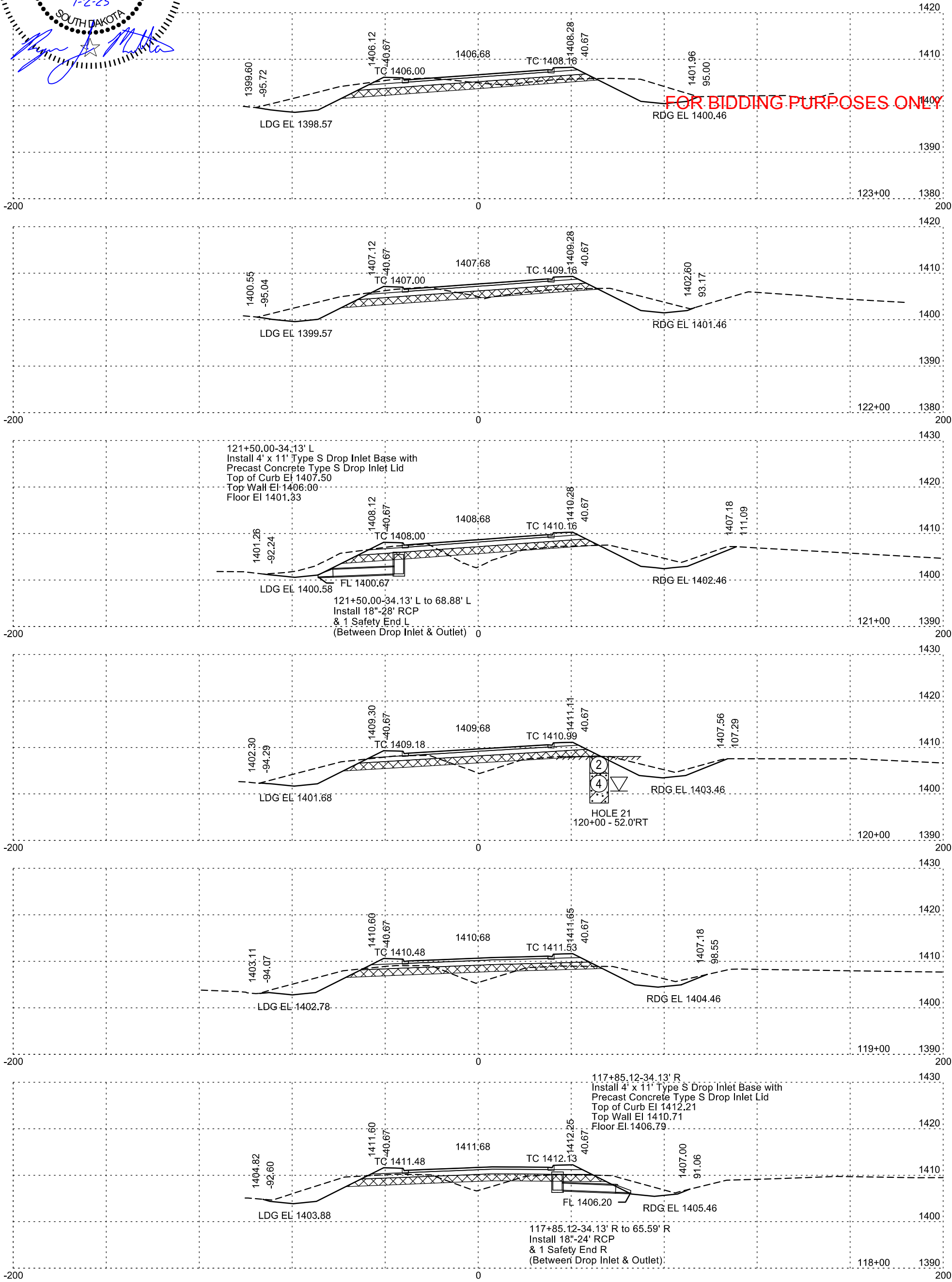


Profile view of the proposed road showing elevation, stationing, and structural details. The profile includes a vertical curve (TC 1413.68) and a road grade (RDG EL 1407.46). The profile is shown relative to a datum of 1400.00. The profile includes a vertical curve (TC 1413.68) and a road grade (RDG EL 1407.46). The profile is shown relative to a datum of 1400.00. The profile includes a vertical curve (TC 1413.68) and a road grade (RDG EL 1407.46). The profile is shown relative to a datum of 1400.00.



SD HWY 50

- PROCESSED SUBGRADE TOPPING
- MUCK EXCAVATION
- UNSTABLE EXCAVATION

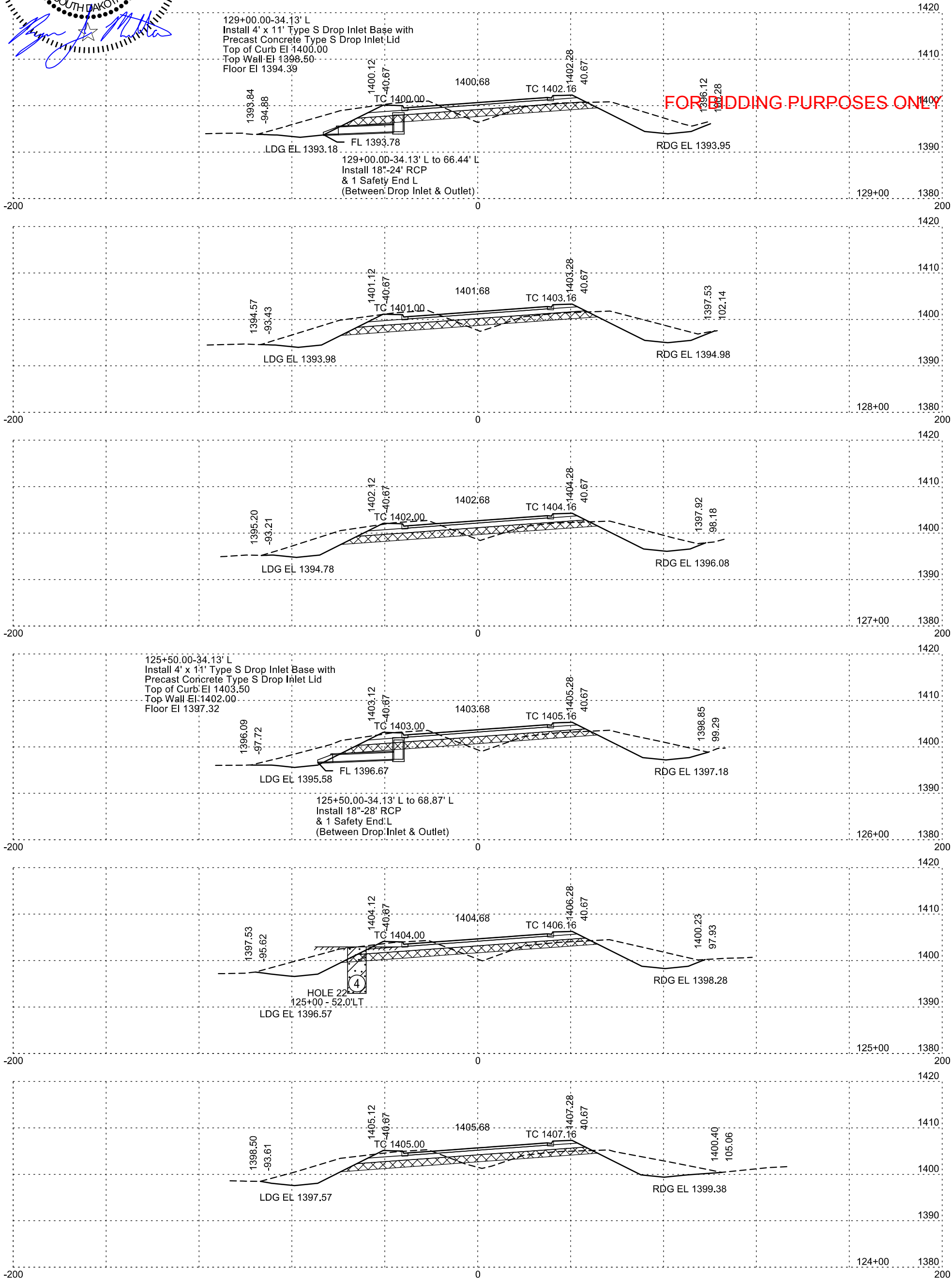


Plotting Date: 1/2/2025

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	NH-PH 0050(116)354 P 0037(168)19	X25	X43

- PROCESSED SUBGRADE TOPPING
- MUCK EXCAVATION
- UNSTABLE EXCAVATION

SD HWY 50



Plotting Date: 1/2/2025

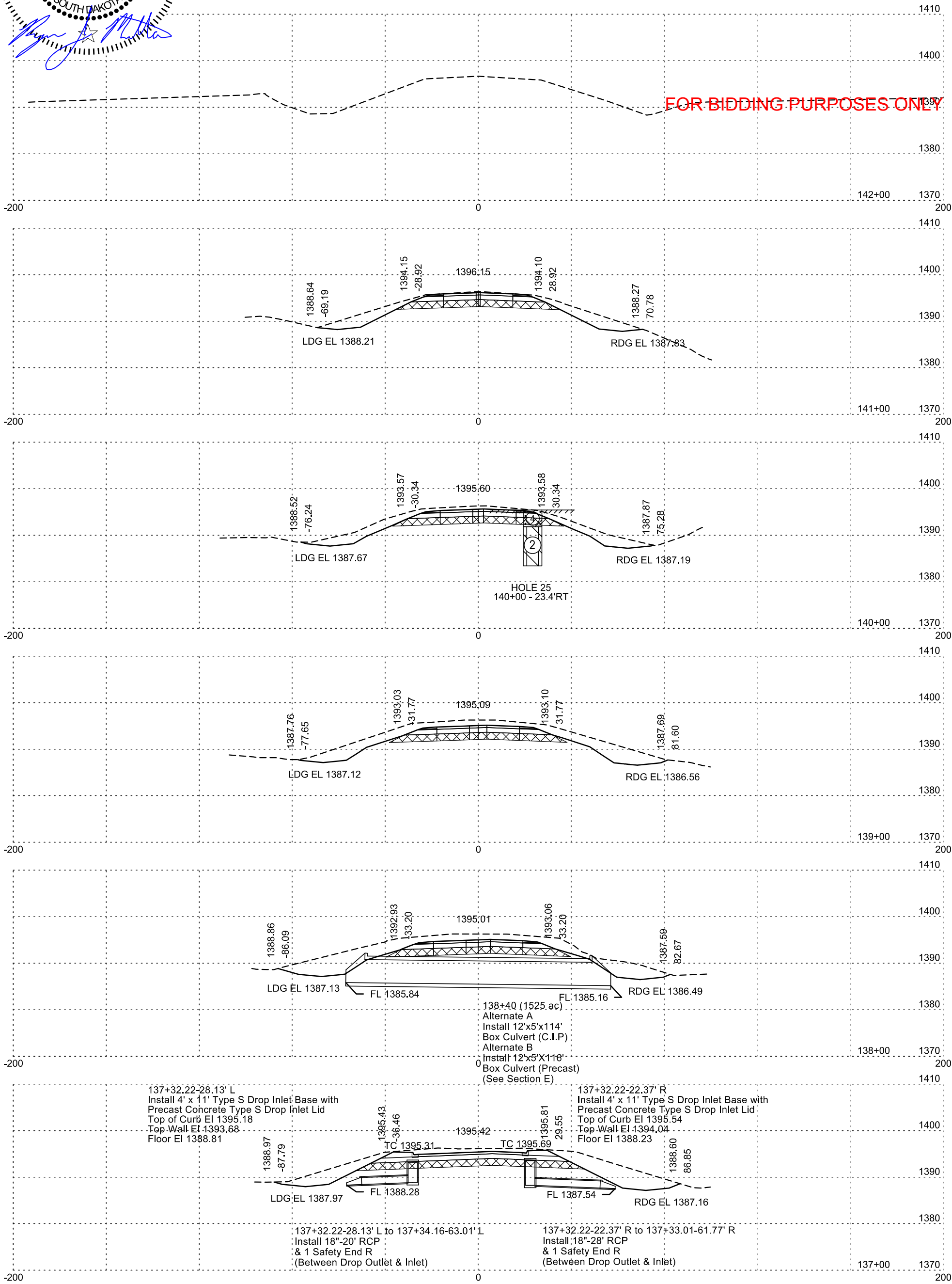
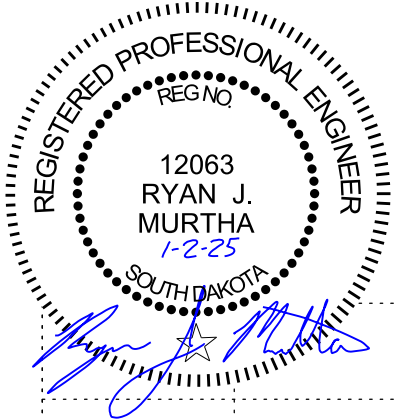
STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	NH-PH 0050(116)354 P 0037(168)19	X26	X43

SD HWY 50

Plotting Date: 1/2/2025

SD HWY 50

- PROCESSED SUBGRADE TOPPING
- MUCK EXCAVATION
- UNSTABLE EXCAVATION



Plotting Date: 1/2/2025

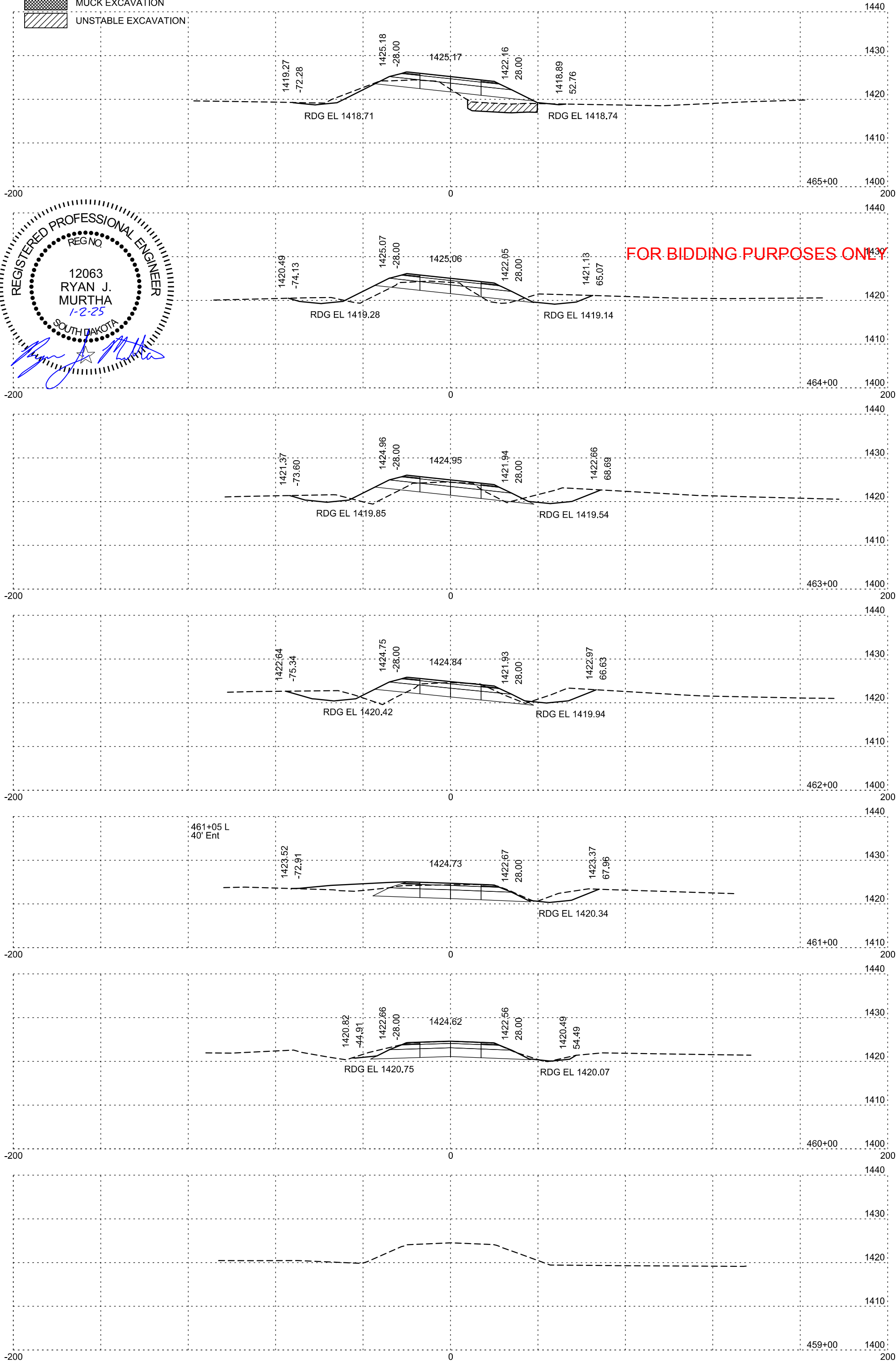
STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	NH-PH 0050(116)354 P 0037(168)19	X28	X43

SD HWY 37

- PROCESSED SUBGRADE TOPPING
- MUCK EXCAVATION
- UNSTABLE EXCAVATION



FOR BIDDING PURPOSES ONLY

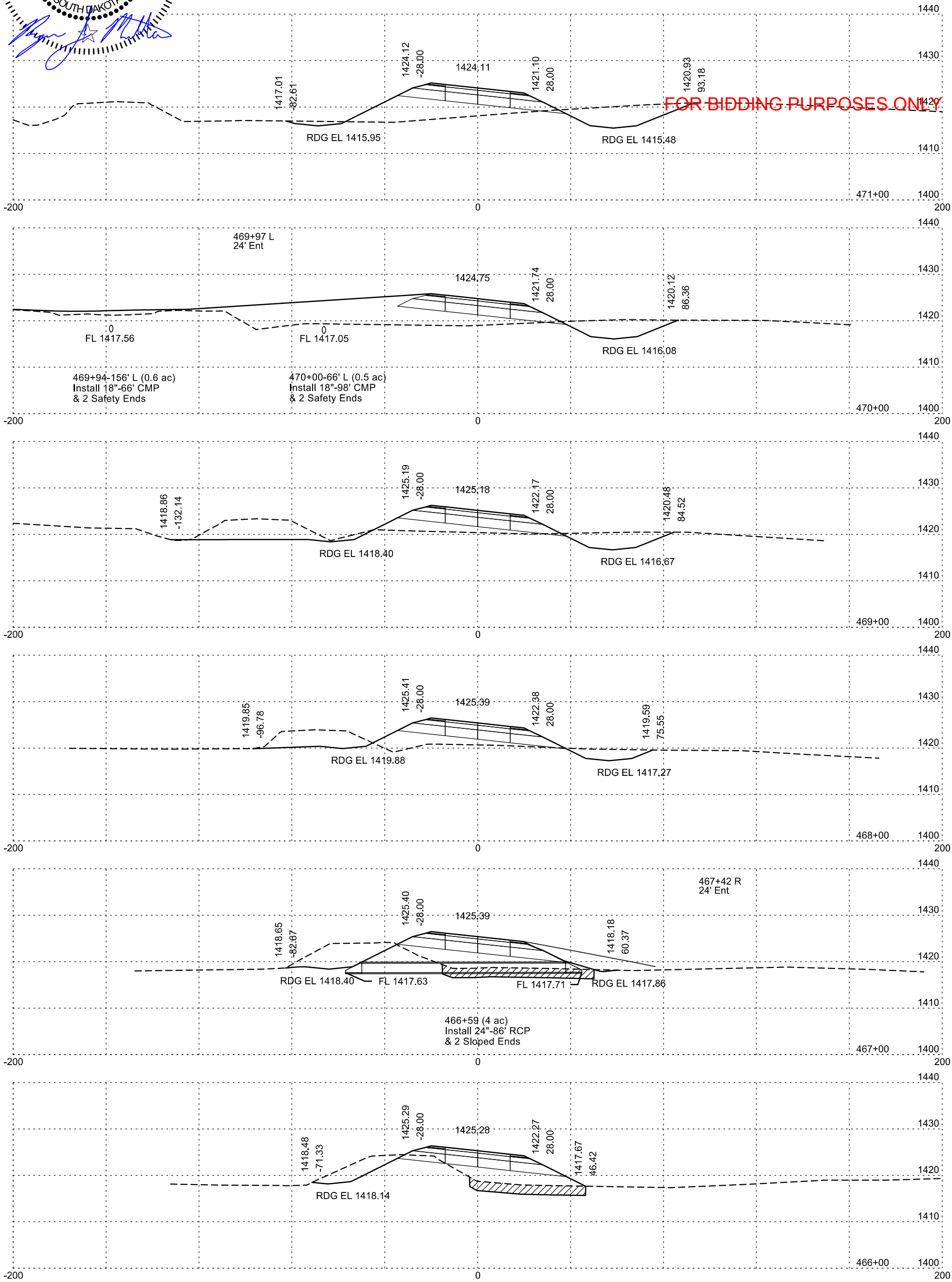


Plotting Date: 1/2/2025

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	NH-PH 0050(116)354 P 0037(168)19	X29	X43

SD HWY 37

- PROCESSED SUBGRADE TOPPING
- MUCK EXCAVATION
- UNSTABLE EXCAVATION

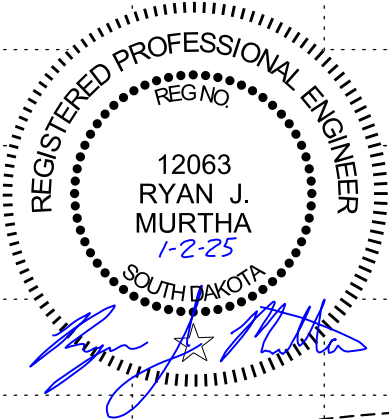
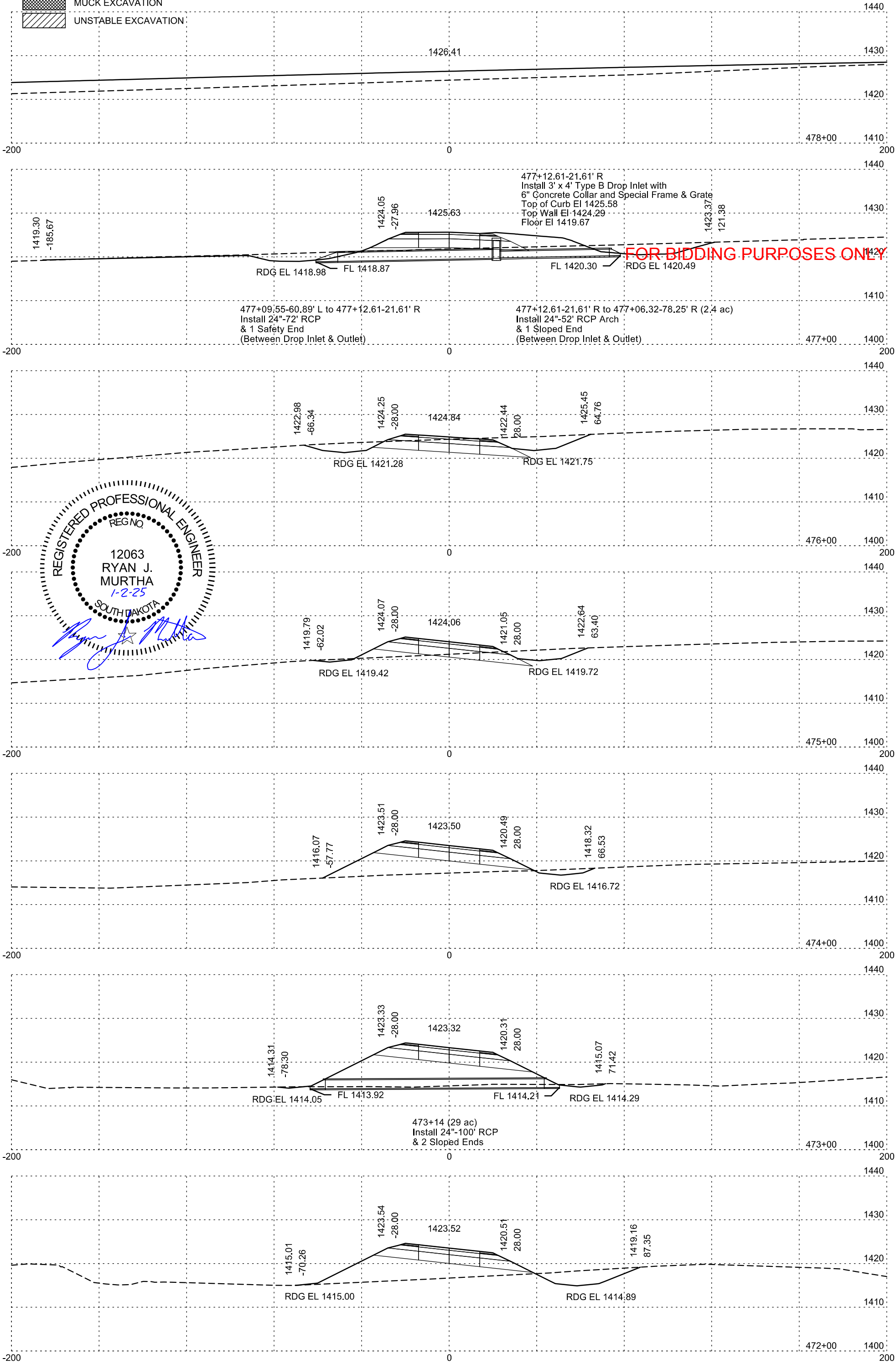


Plotting Date: 1/2/2025

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	NH-PH 0050(116)354 P 0037(168)19	X30	X43

SD HWY 37

- PROCESSED SUBGRADE TOPPING
- MUCK EXCAVATION
- UNSTABLE EXCAVATION



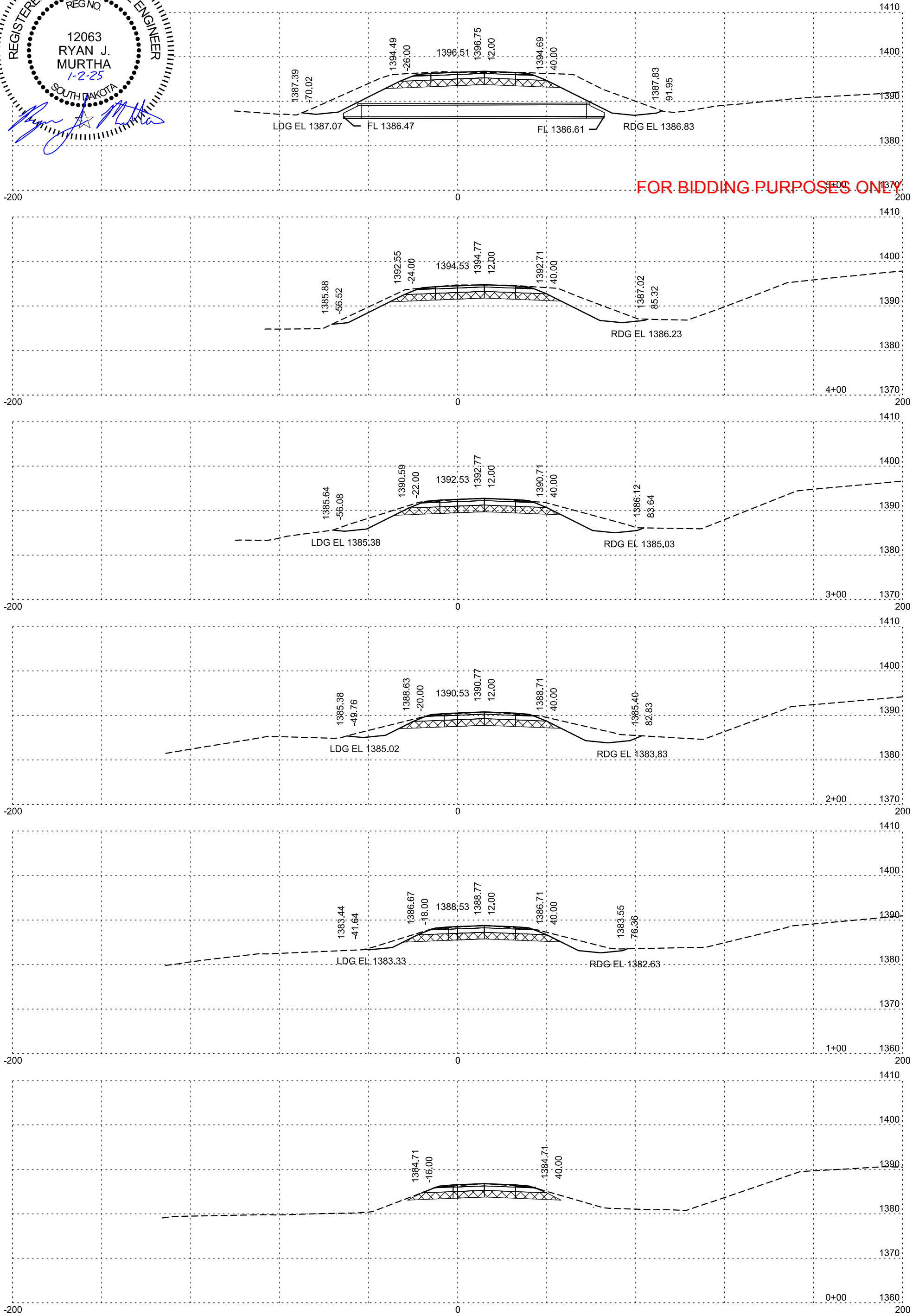
FOR BIDDING PURPOSES ONLY

Plotting Date: 1/2/2025

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	NH-PH 0050(116)354 P 0037(168)19	X31	X43

- PROCESSED SUBGRADE TOPPING
- MUCK EXCAVATION
- UNSTABLE EXCAVATION

Ramp A



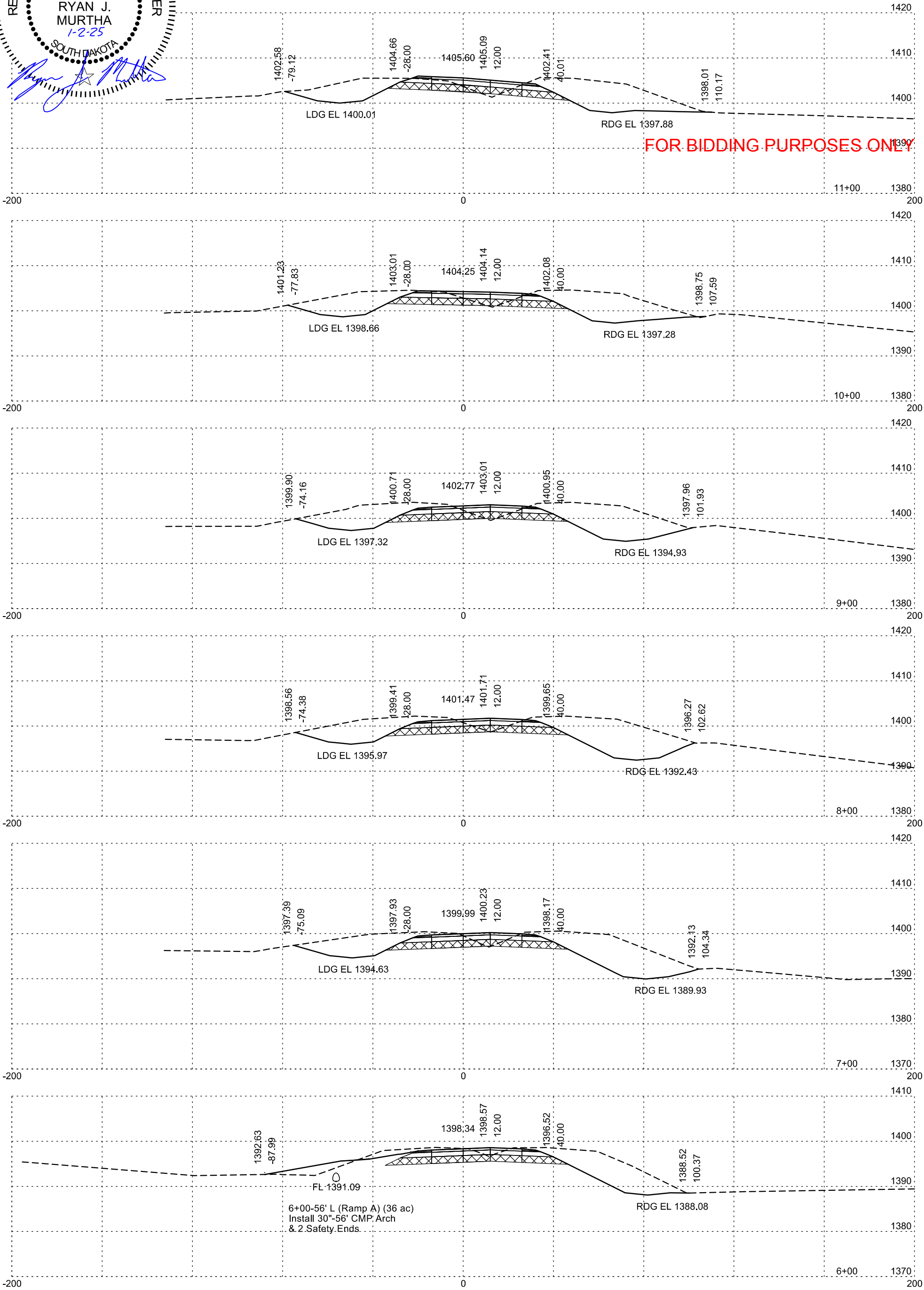
FOR BIDDING PURPOSES ONLY

Plotting Date: 1/2/2025

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	NH-PH 0050(116)354 P 0037(168)19		
		X32	X43

- PROCESSED SUBGRADE TOPPING
- MUCK EXCAVATION
- UNSTABLE EXCAVATION

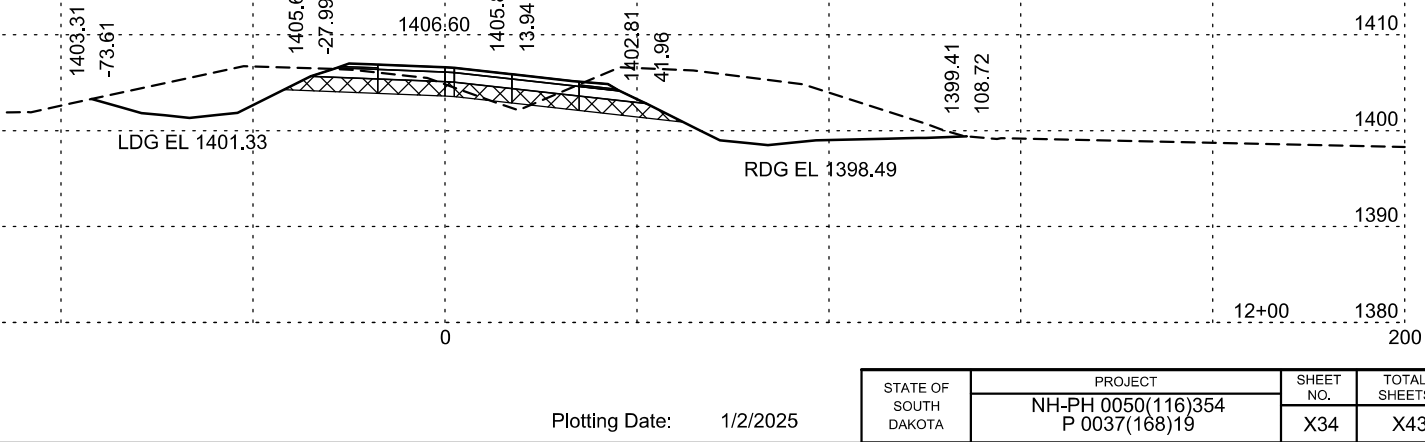
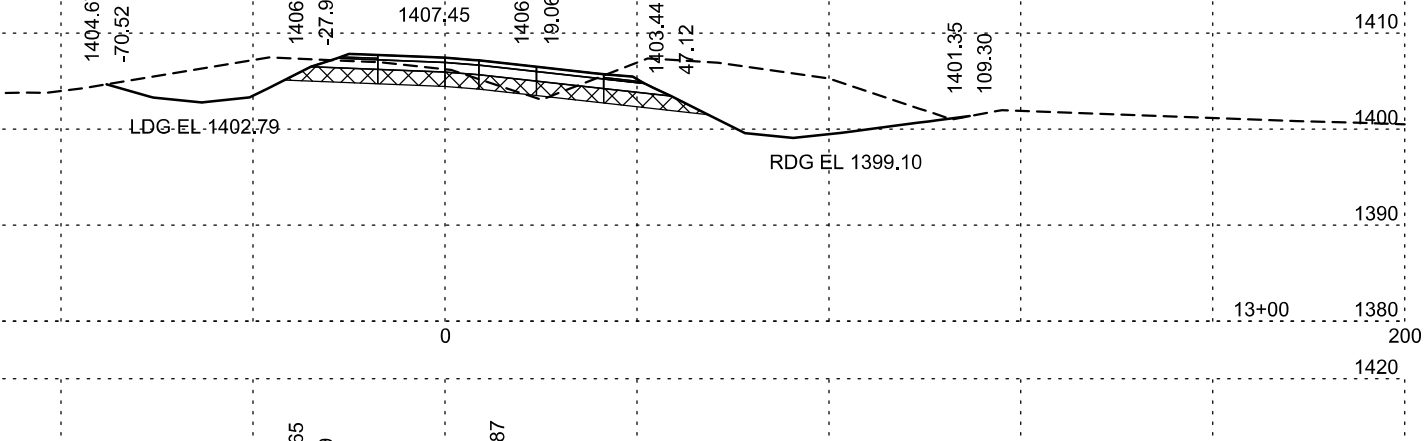
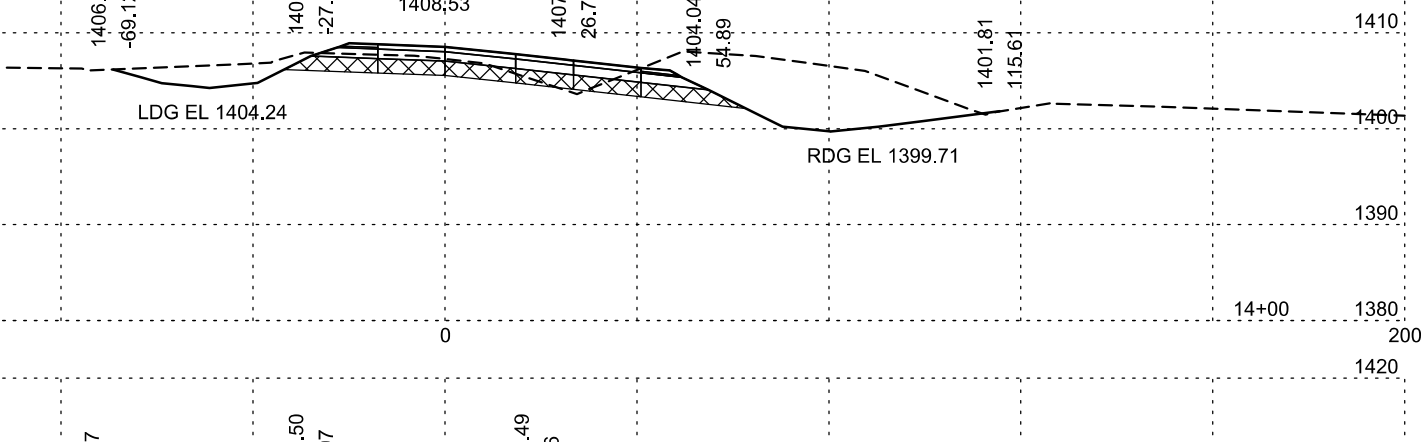
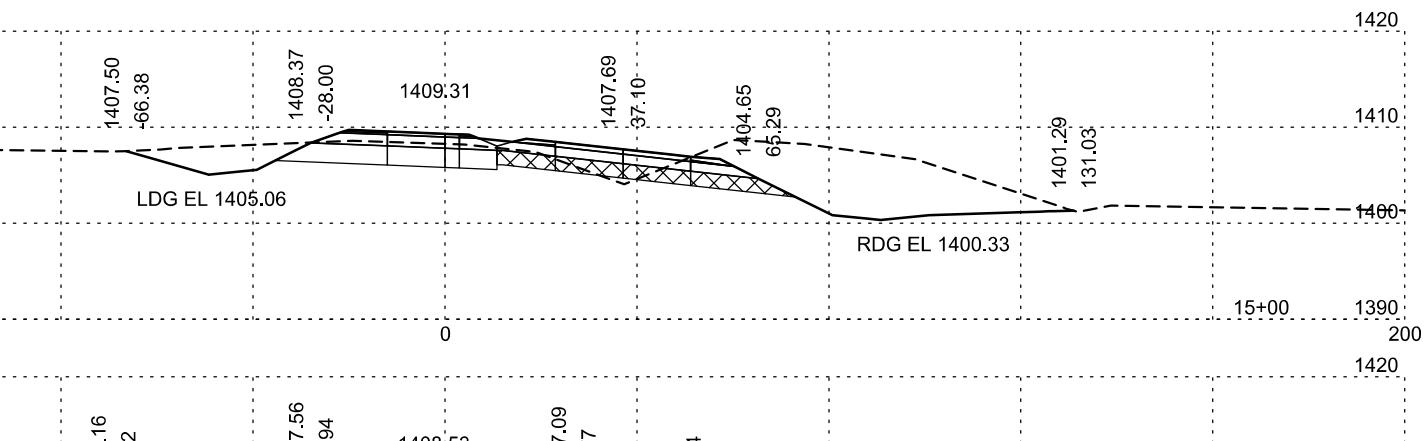
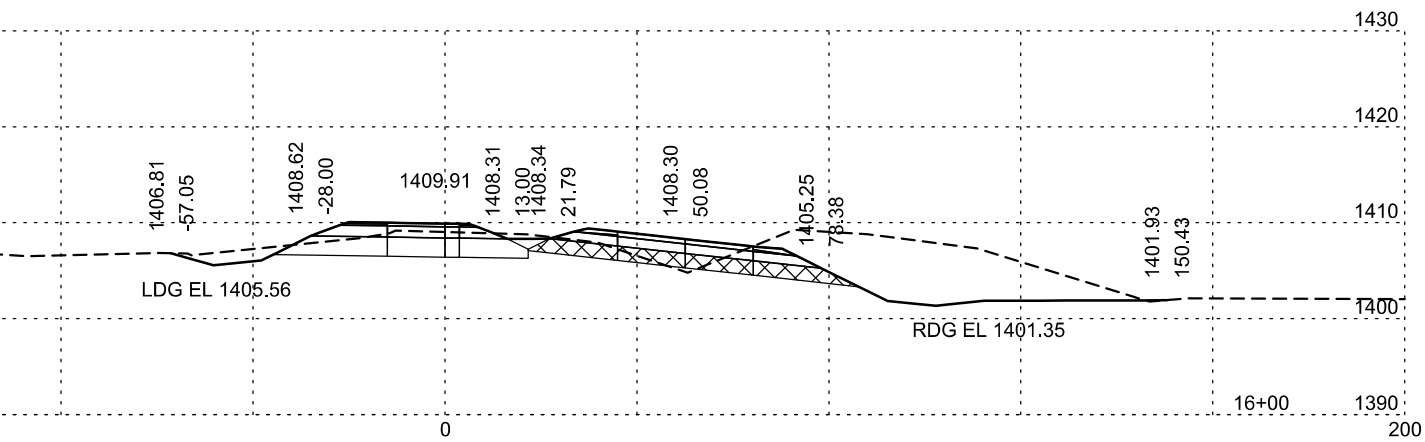
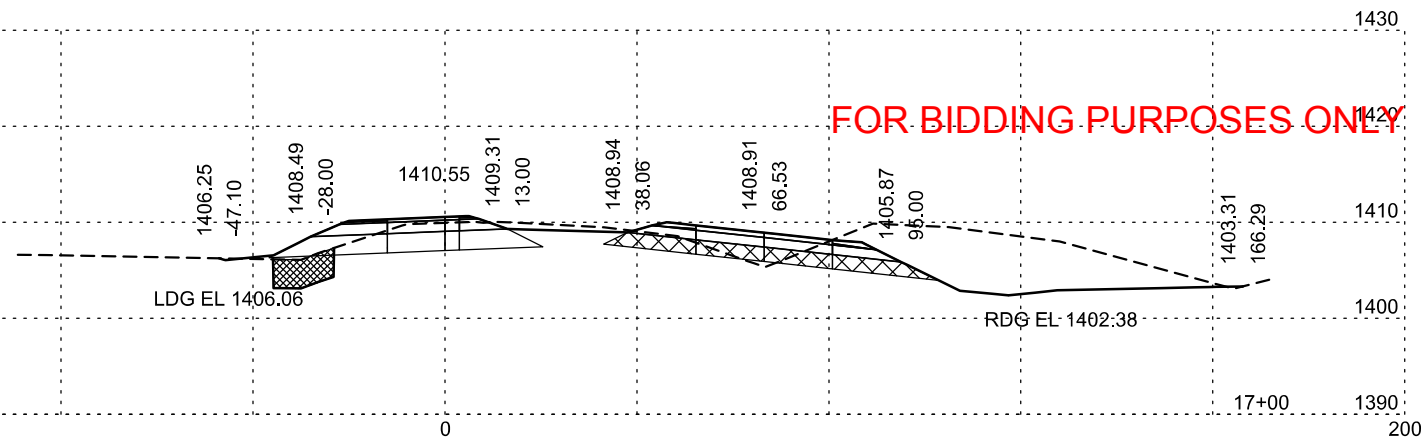
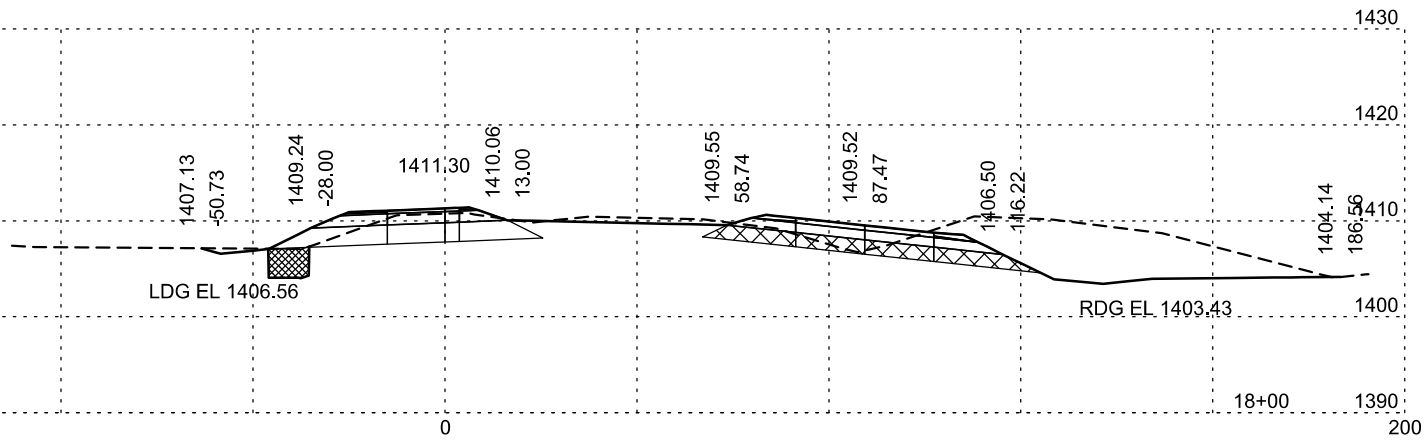
Ramp A



Plotting Date: 1/2/2025

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	NH-PH 0050(116)354 P 0037(168)19	X33	X43

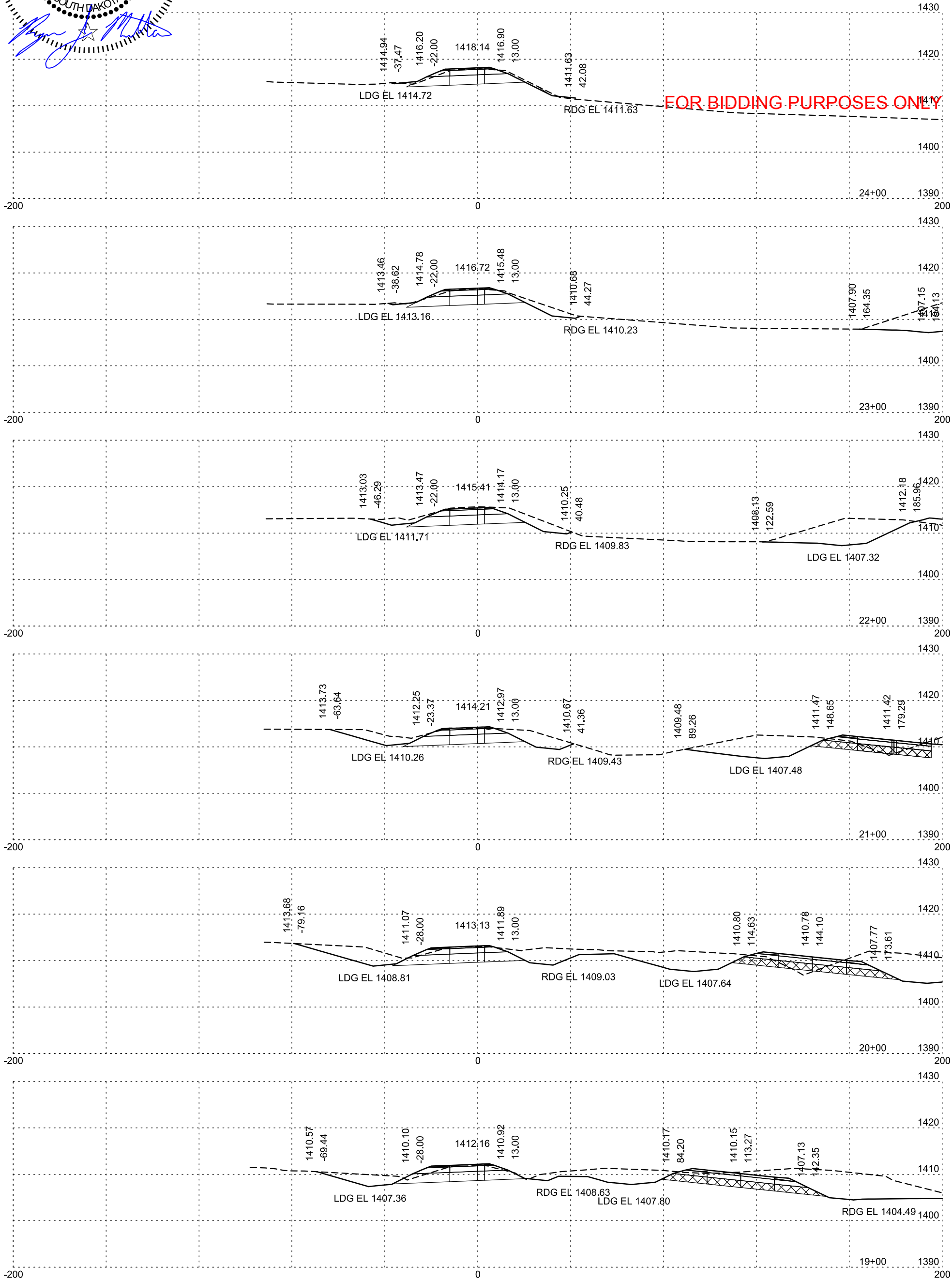
	PROCESSED SUBGRADE TOPPING
	MUCK EXCAVATION
	UNSTABLE EXCAVATION



FOR BIDDING PURPOSES ONLY 1420

- PROCESSED SUBGRADE TOPPING
- MUCK EXCAVATION
- UNSTABLE EXCAVATION

Ramp A



Plotting Date: 1/2/2025

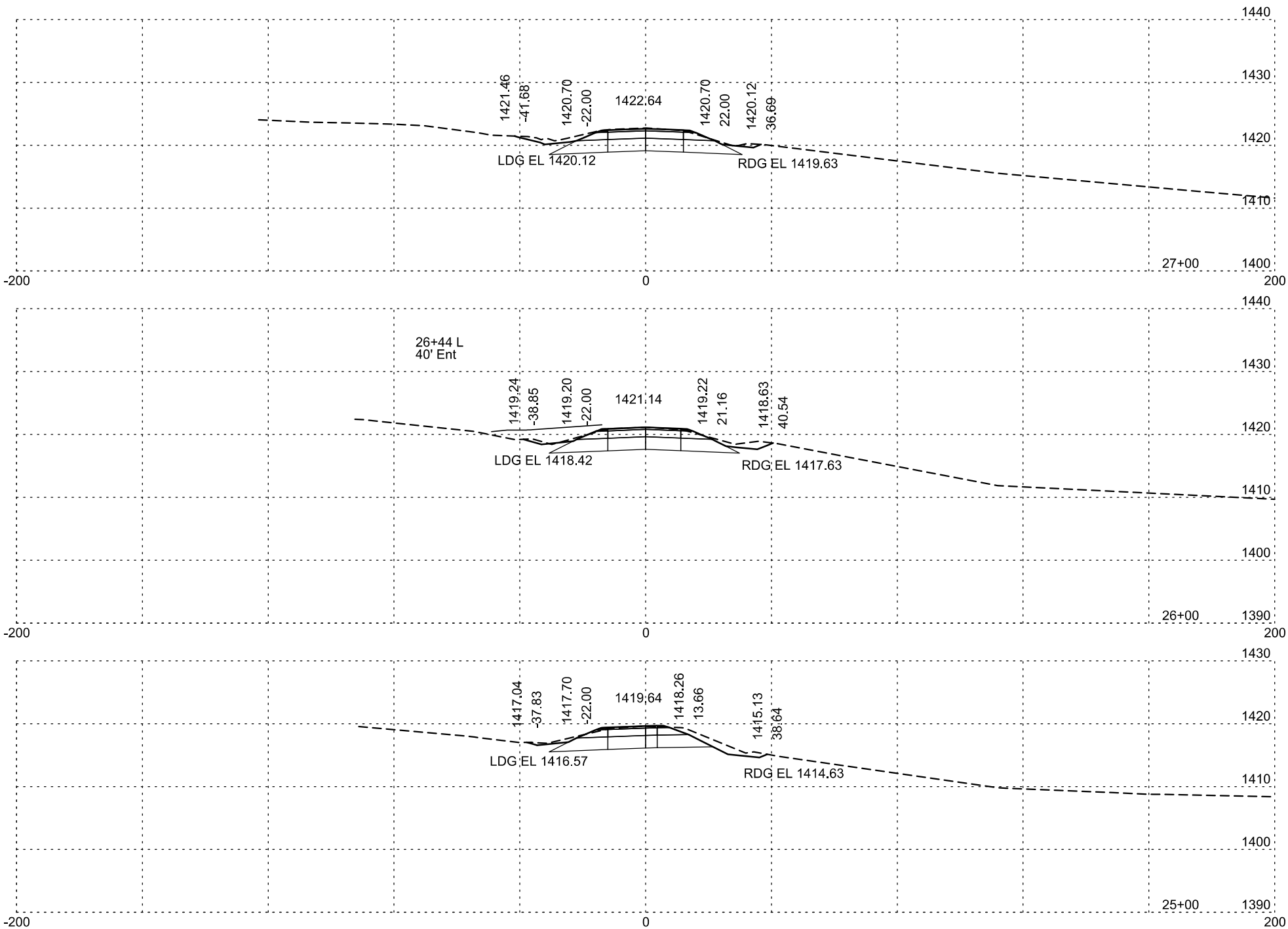
STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	NH-PH 0050(116)354 P 0037(168)19		

- PROCESSED SUBGRADE TOPPING
- MUCK EXCAVATION
- UNSTABLE EXCAVATION

Ramp A



FOR BIDDING PURPOSES ONLY

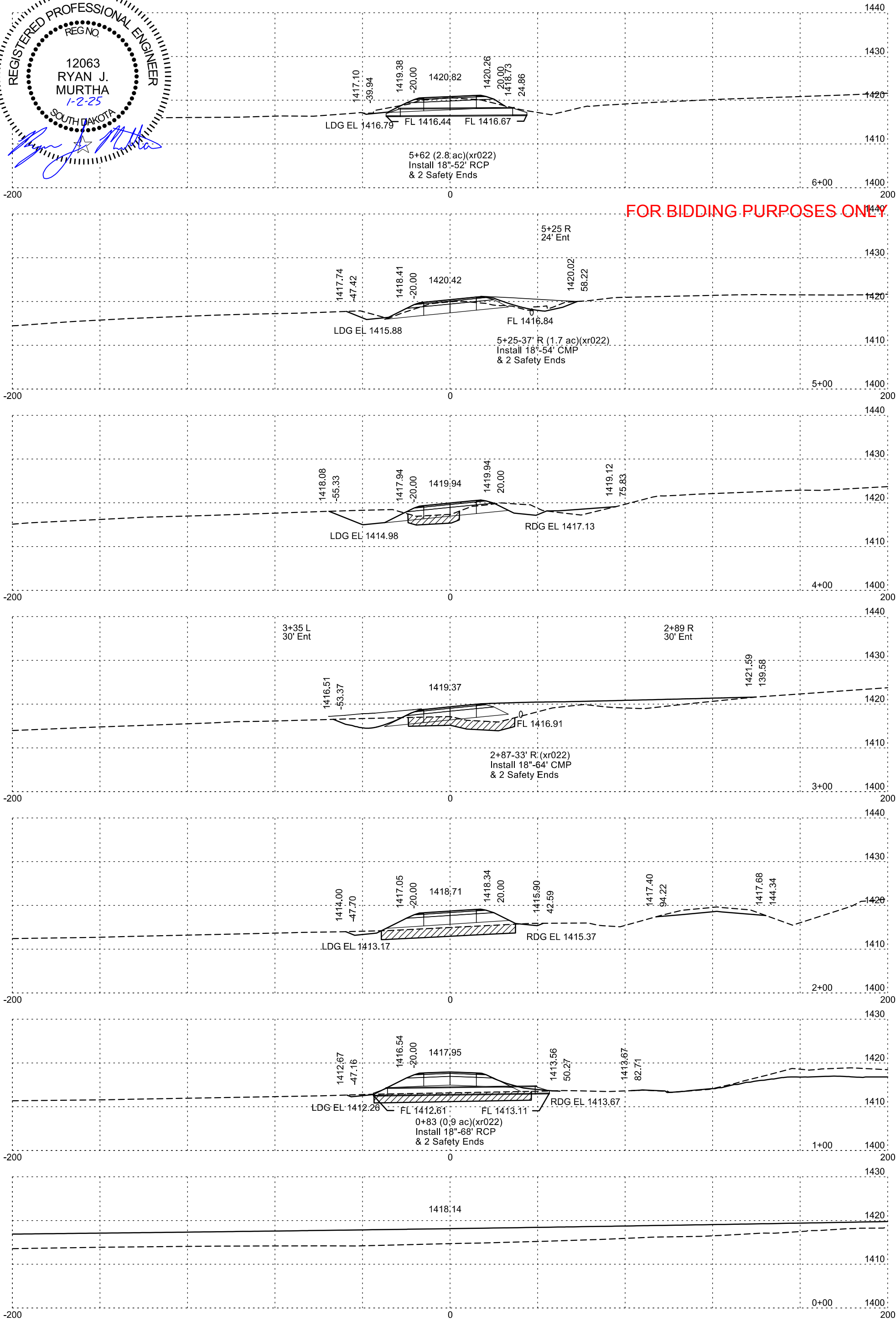
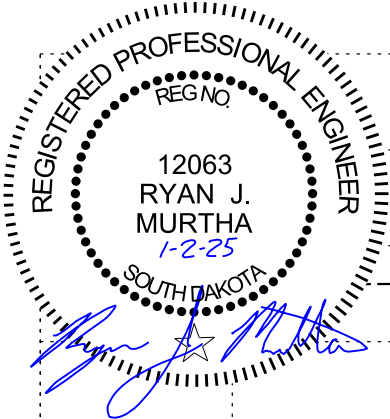


Plotting Date: 1/2/2025

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	NH-PH 0050(116)354 P 0037(168)19	X36	X43

Ford Avenue

- PROCESSED SUBGRADE TOPPING
- MUCK EXCAVATION
- UNSTABLE EXCAVATION



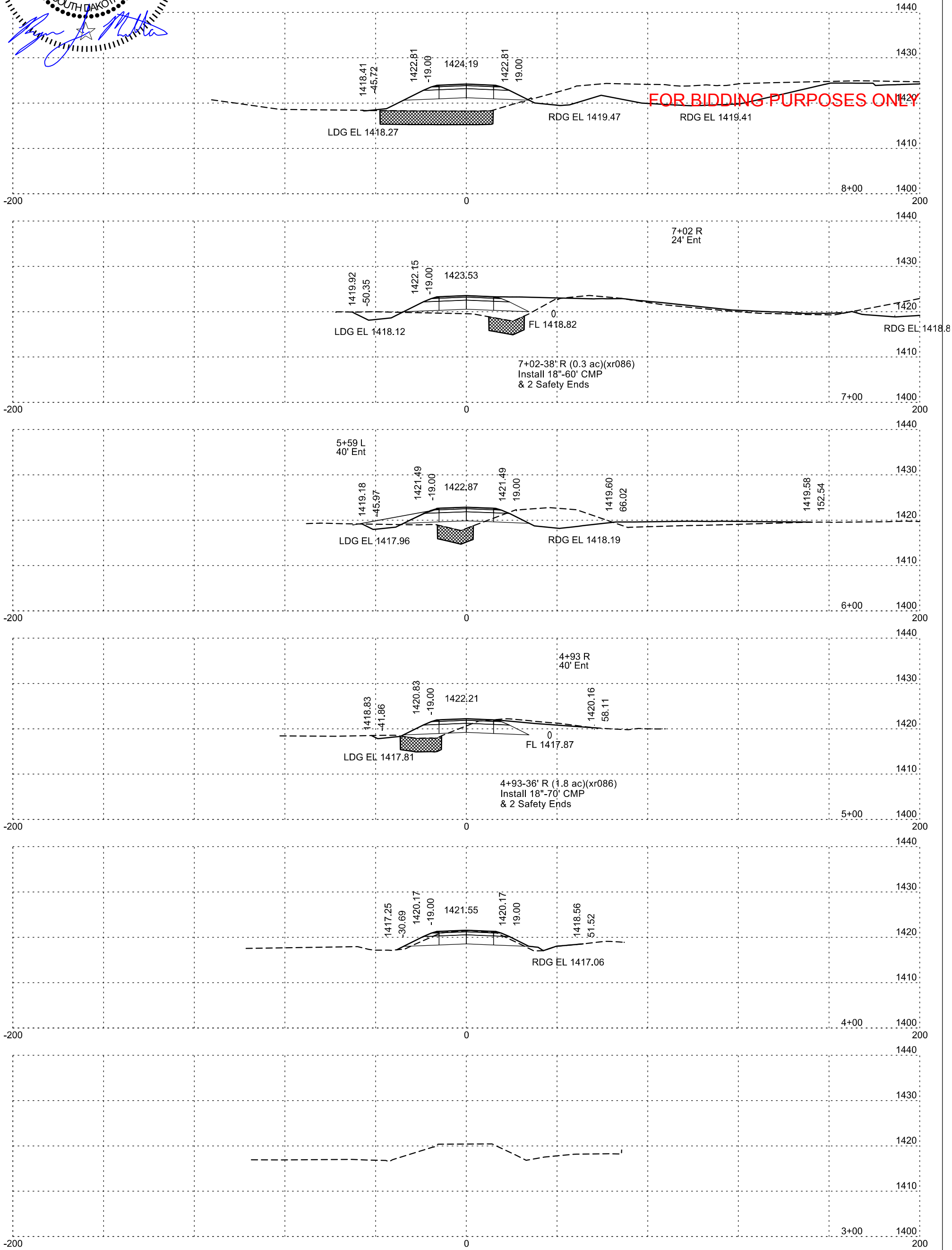
FOR BIDDING PURPOSES ONLY

Plotting Date: 1/2/2025

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	NH-PH 0050(116)354	X37	X43
	P 0037(168)19		

- PROCESSED SUBGRADE TOPPING
- MUCK EXCAVATION
- UNSTABLE EXCAVATION

Birch Street



Plotting Date: 1/2/2025

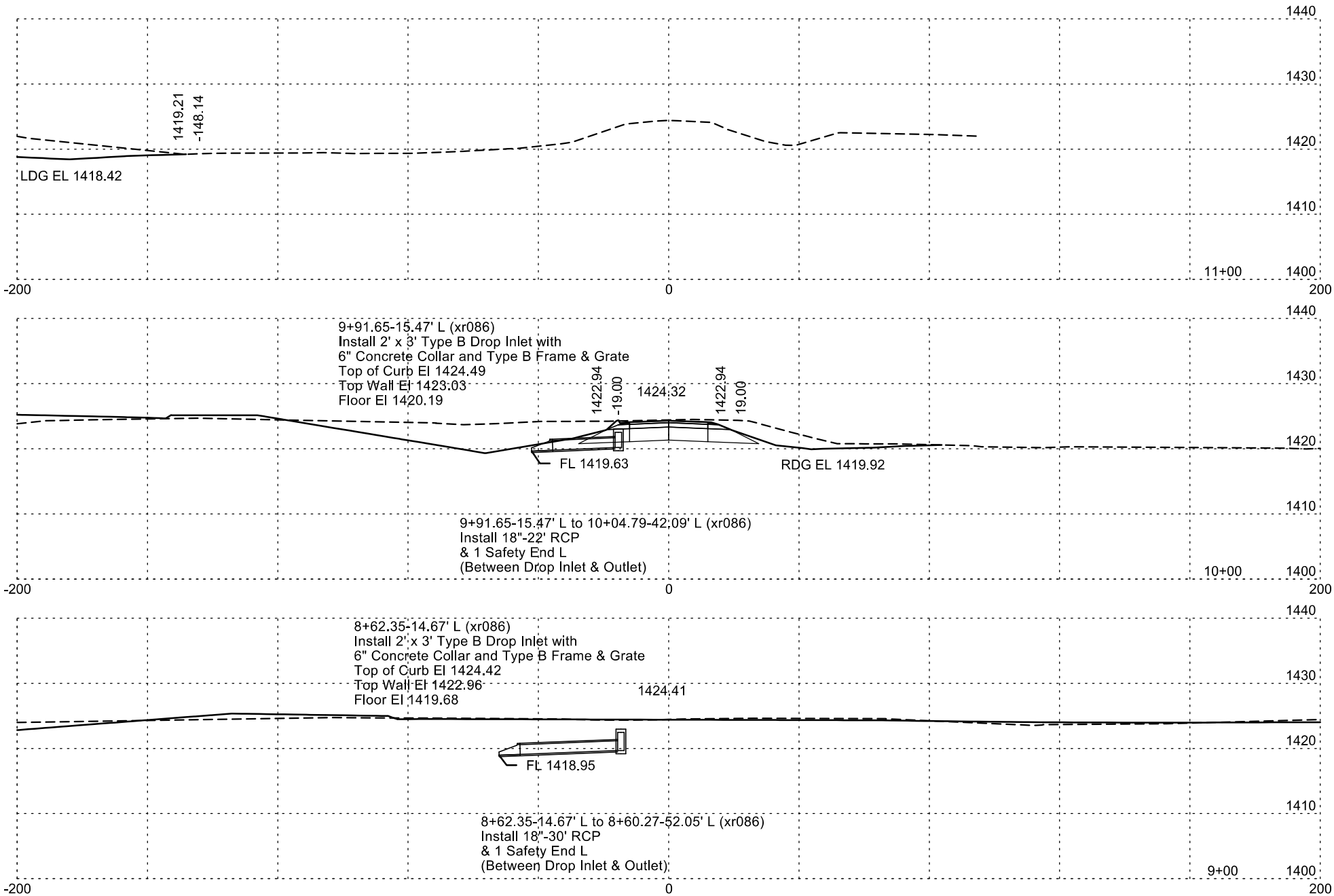
STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	NH-PH 0050(116)354 P 0037(168)19	X38	X43

- PROCESSED SUBGRADE TOPPING
- MUCK EXCAVATION
- UNSTABLE EXCAVATION

Birch Street



FOR BIDDING PURPOSES ONLY

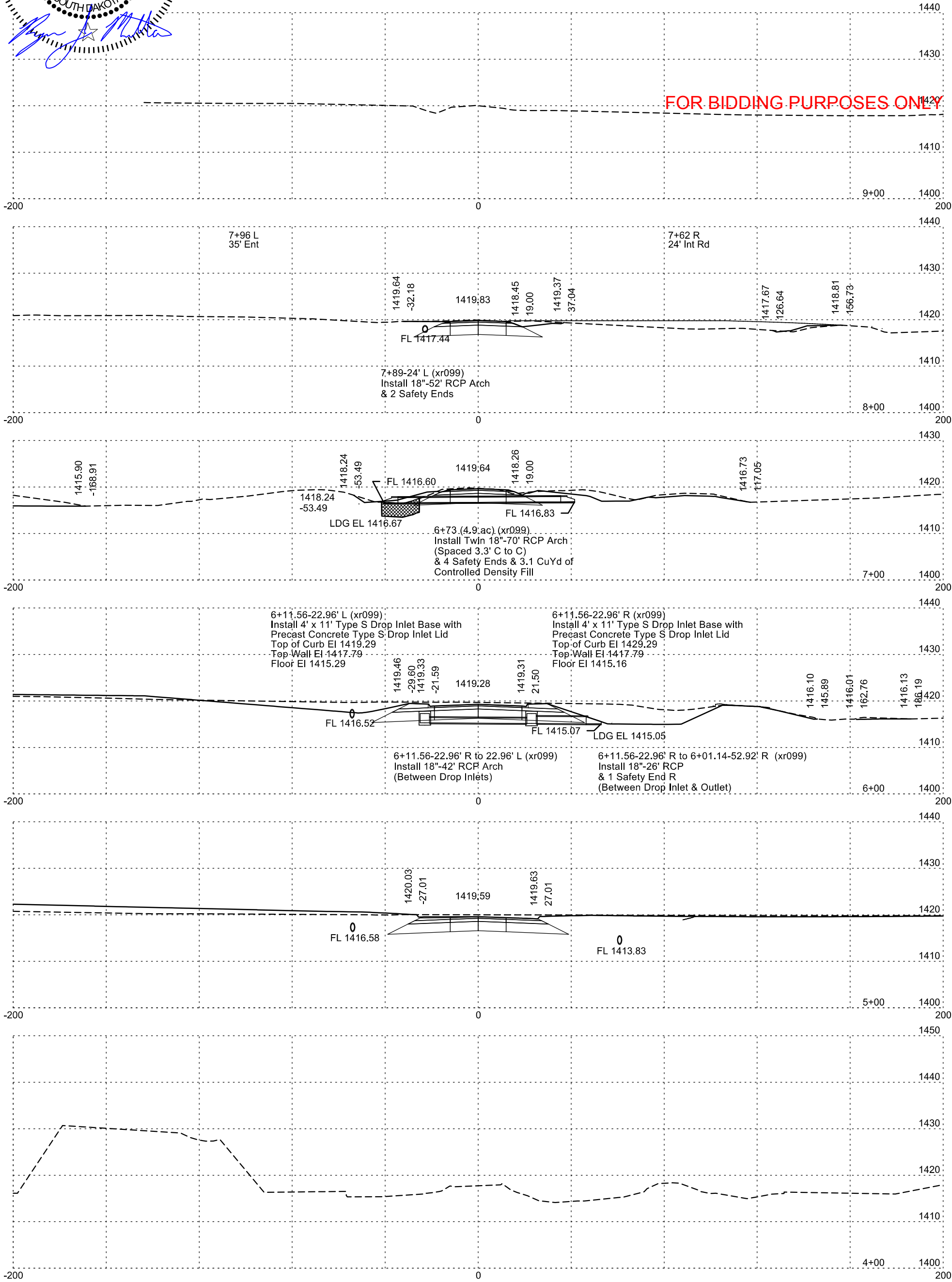


Plotting Date: 1/2/2025

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	NH-PH 0050(116)354 P 0037(168)19	X39	X43

- PROCESSED SUBGRADE TOPPING
- MUCK EXCAVATION
- UNSTABLE EXCAVATION

Fir Street



Plotting Date: 1/2/2025

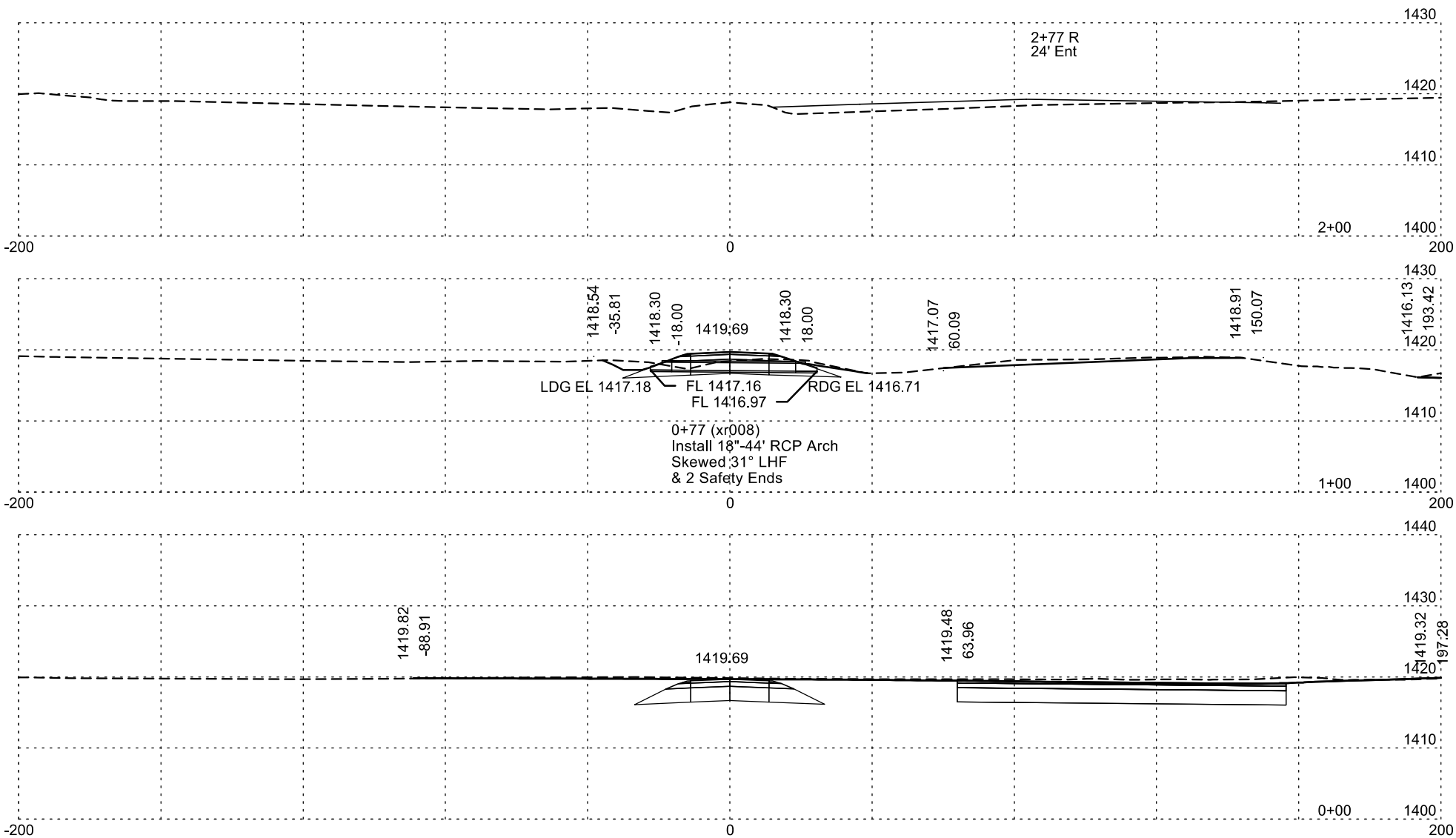
STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	NH-PH 0050(116)354 P 0037(168)19	X40	X43

- PROCESSED SUBGRADE TOPPING
- MUCK EXCAVATION
- UNSTABLE EXCAVATION

Ivy Street



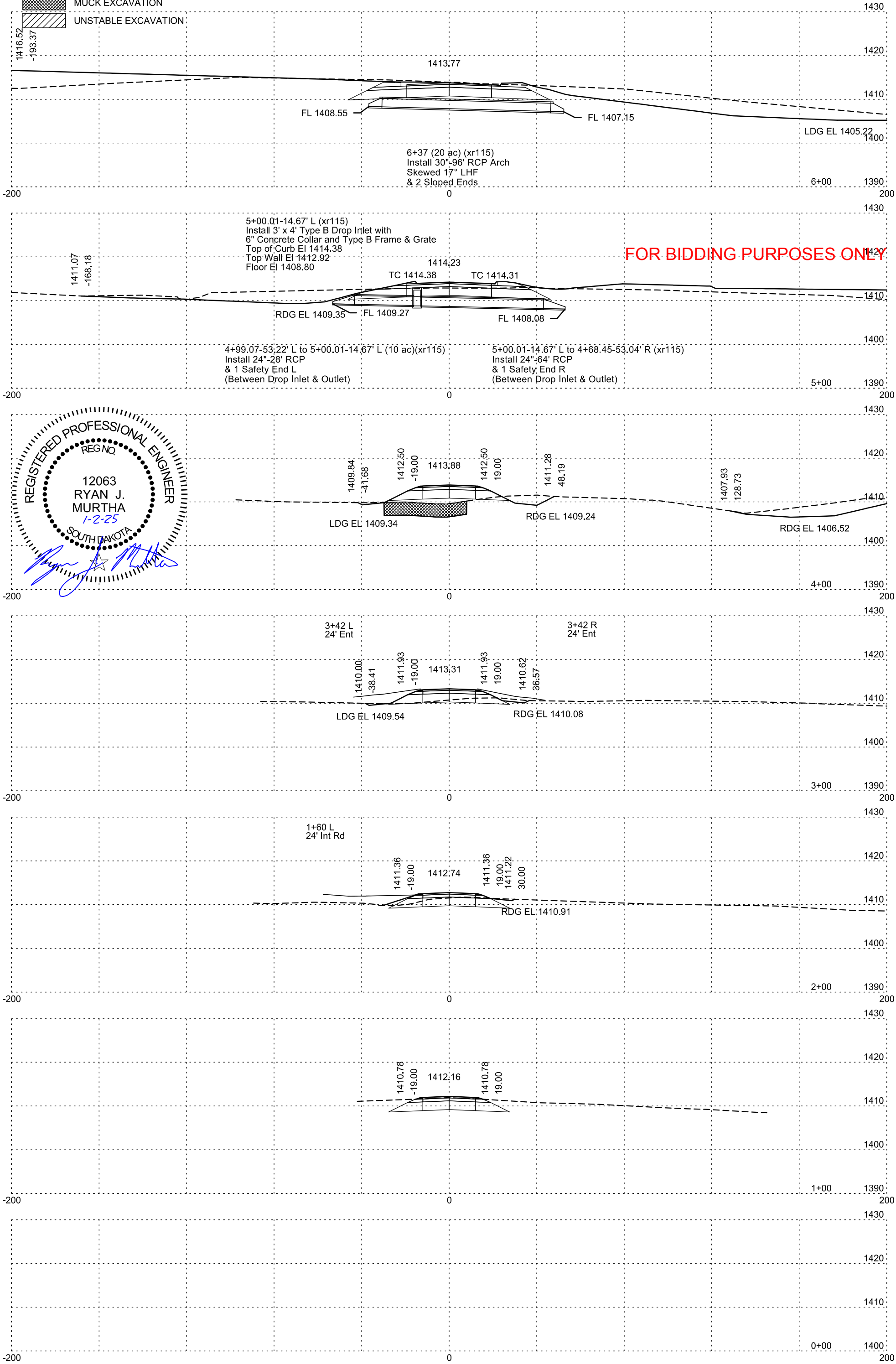
FOR BIDDING PURPOSES ONLY



STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	NH-PH 0050(116)354 P 0037(168)19	X41	X43

- PROCESSED SUBGRADE TOPPING
- MUCK EXCAVATION
- UNSTABLE EXCAVATION

Main Street



FOR BIDDING PURPOSES ONLY



STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	NH-PH 0050(116)354 P 0037(168)19	X42	X43

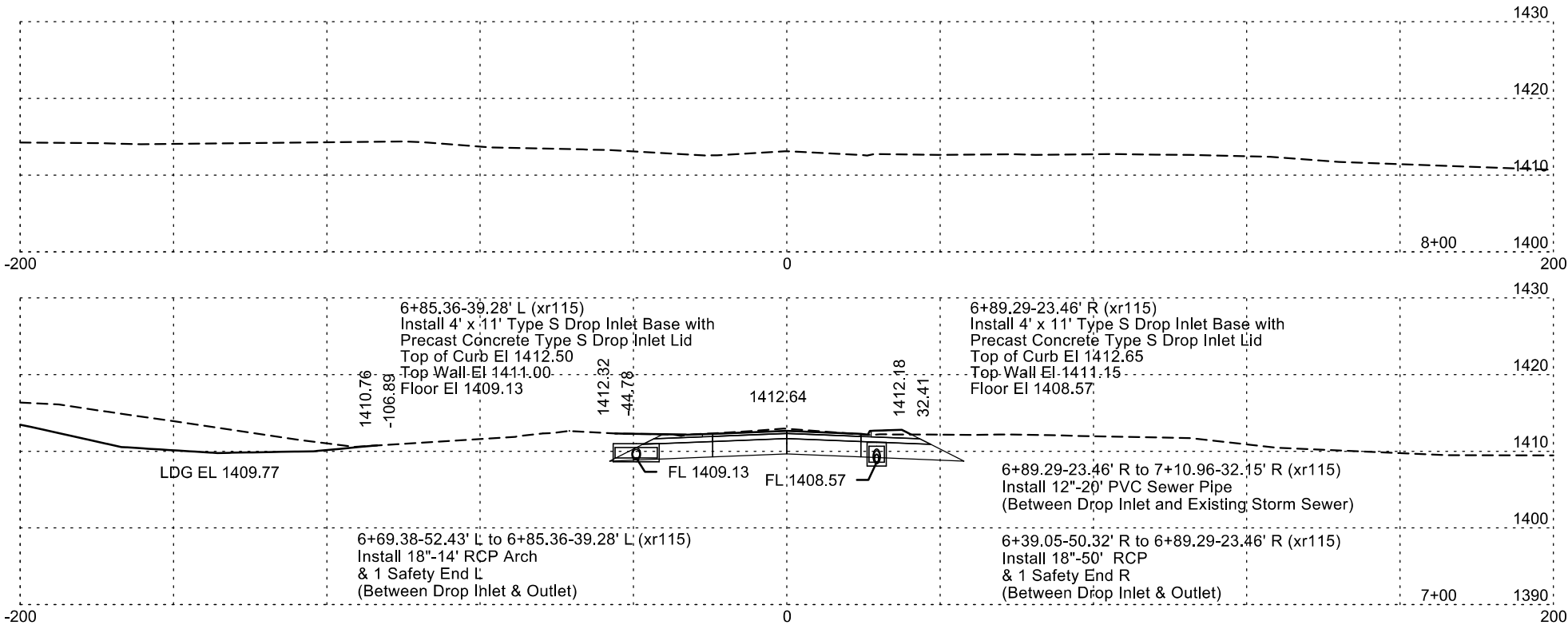
Plotting Date: 1/2/2025

- PROCESSED SUBGRADE TOPPING
- MUCK EXCAVATION
- UNSTABLE EXCAVATION

Main Street



FOR BIDDING PURPOSES ONLY



Plotting Date: 1/2/2025

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	NH-PH 0050(116)354 P 0037(168)19	X43	X43