

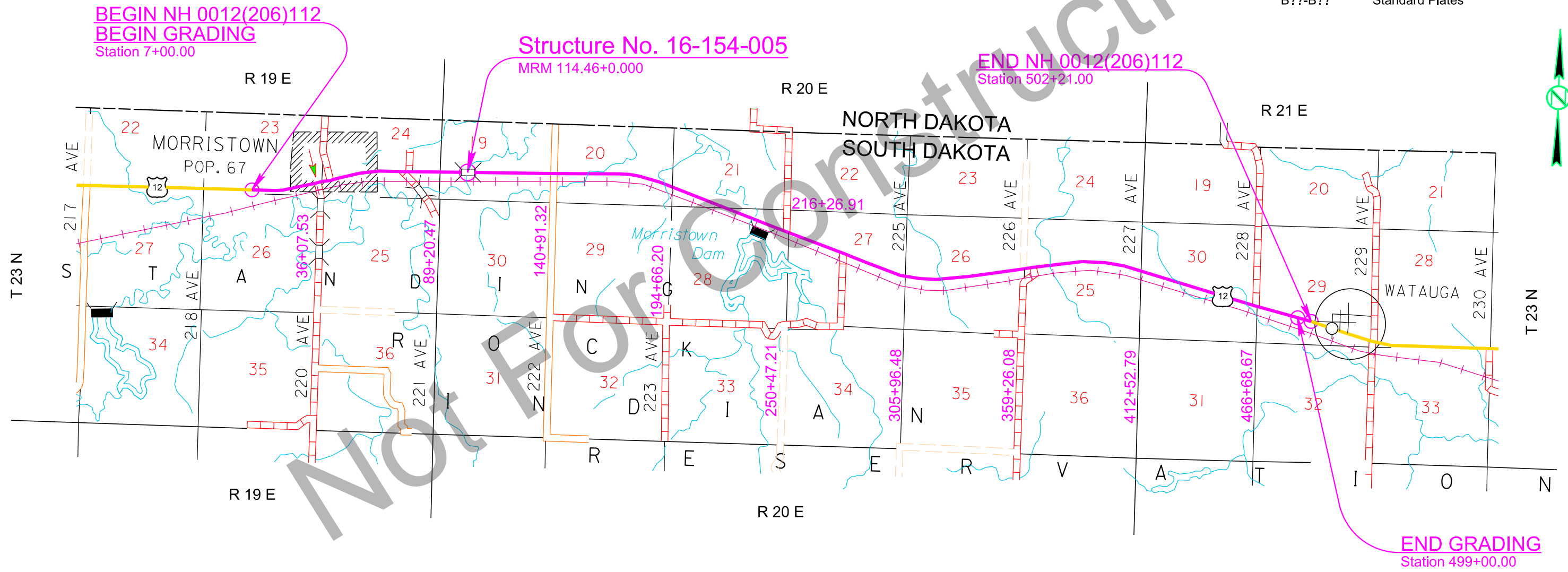
SECTION B: GRADING PLANS

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	NH 0012(206)112	B1	B46

Plotting Date: 01/04/2022

INDEX OF SHEETS

B1	General Layout with Index
B2-B?	Estimate with General Notes & Tables
B?-B?	Pipe Quantities
B?-B?	Fence Quantities
B?	Borrow Pit Information Layout
B?-B??	Typical Grading Sections
B??-B??	Horizontal Alignment Data
B??	Control Data
B??	Subsurface Utility Locations
B??	Legend
B??-B??	Plan and Profile Sheets
B??-B??	Pavement Removal Layout
B??-B??	Curb and Gutter Layout
B??-B??	Curb Ramp Layout
B??-B??	Storm Sewer Layout
B??-B??	Special Detail Sheets
B??-B??	Standard Plates



Plot Scale - 1:200

Plotted From - trs12141

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PIPE QUANTITIES

STATE OF SOUTH DAKOTA	PROJECT NH 0012(206)112	SHEET B3	TOTAL SHEETS B46
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Plotting Date: 01/04/2022

Station	Offset (L/R)	Corrugated Metal												Pipe Transition										
		Circular			Arch			Circular Safety End			Circular Flared End			Arch Safety End			Round RCP to Steel Transition		Round Steel to RCP Transition		Round RCP to CMP Transition			
		18" 16 Ga	24" 16 Ga	30" 16 Ga	24" 16 Ga	30" 16 Ga	36" 16 Ga	18"	24"	30"	24"	24"	30"	36"	24"	54"	24"	54"	24" Outlet					
Ft	Ft	Ft	Ft	Ft	Ft	Each	Each	Each	Each	Each	Each	Each	Each	Each	Each	Each	Each	Each						
28+88-53'	L	78					2																	
32+55-54'	L		72					2																
34+69-79'	R				78						2													
36+22-45'	L		74					2																
43+91-48'	L	84					2																	
45+72-50'	L	86					2																	
45+72-57'	R					72						2												
47+51-51'	L	90					2																	
51+21-57'	R				72						2													
51+21-61'	L	82					2																	
54+74-61'	L	56					2																	
58+40-60'	L	82					2																	
73+89-54'	R	72					2																	
76+05-60'	L		78					2																
108+50														1		1								
140+94-50' L	L	68					2																	
140+94-50' R	R		66					2																
212+42														1	1		1							
235+95			32								1			1				1						
236+10			32								1							1						
250+15-66'	L		124					2																
276+91-50'	L	72					2																	
276+95-96'	R	96					2																	
364+12-58'	R	86					2																	
400+30-50'	L	74					2																	
419+18-67'	R			82					2															
493+00-58'	L			72					2															
Subtotal:		1026	478	154	78	72	72	26	10	4		2		2	2	2	2	2	1		2	1		2

Not For Construction

Plot Scale - 1:200

Plotted From - trsf12141

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FENCE QUANTITIES

STATE OF SOUTH DAKOTA	PROJECT NH 0012(206)112	SHEET B4	TOTAL SHEETS B46
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Plotting Date: 01/04/2022 Rev 11/23/2021 BT

Plot Scale - 1:200

Station to Station		Side (L/R)	Right-of-Way Fence				Temporary Fence		Post Panels			Gates		Remove Fence (Ft)
			Type 2 (Ft)	Type 4 (Ft)	Type 5 (Ft)		Type 1 (Ft)		2 Post Panel (Each)	3 Post Panel (Each)	Stream Crossing (Ft)	Barbed Wire Gate 24' (Each)	Barbed Wire Gate 28' (Each)	
7+00	20+15	R			1329				3	3				1339
21+36	29+71	R	856							2				856
51+99	53+07	L	84						3					156
53+07	54+44	L												164
55+08	58+08	L												377
70+46	75+77	L	614				614		3	2				1228
76+32	140+67	L	6479				6953		9	11	216	1		13432
111+34	121+94	R												1060
141+34	159+38	L	1804				1806		2	2	64			3610
159+38	173+92	L	1466				2672		1	1				4138
173+92	219+32	L	4517						4	6		2		4657
219+32	222+21	L	290							1				273
222+21	243+35	L	2090							4	78	1		2407
243+35	249+51	L	344						2	2				596
250+60	301+98	L	5103						2	6		1		5153
334+11	359+08	L	2497						1	3				2530
359+70	399+99	L	4059						3	6				4136
438+91	465+86	L	2812						3	3	389			2938
466+76	478+84	L	1208							4				1279
493+79	499+52	L	454						5	1				566
498+52	500+43	L	191						1					191
TOTALS:			0	0	1329		12045		42	57	747	4	1	51086

Post Type and Sequence:
 Right-of-way fence shall be constructed using alternate wood and steel posts except as noted.

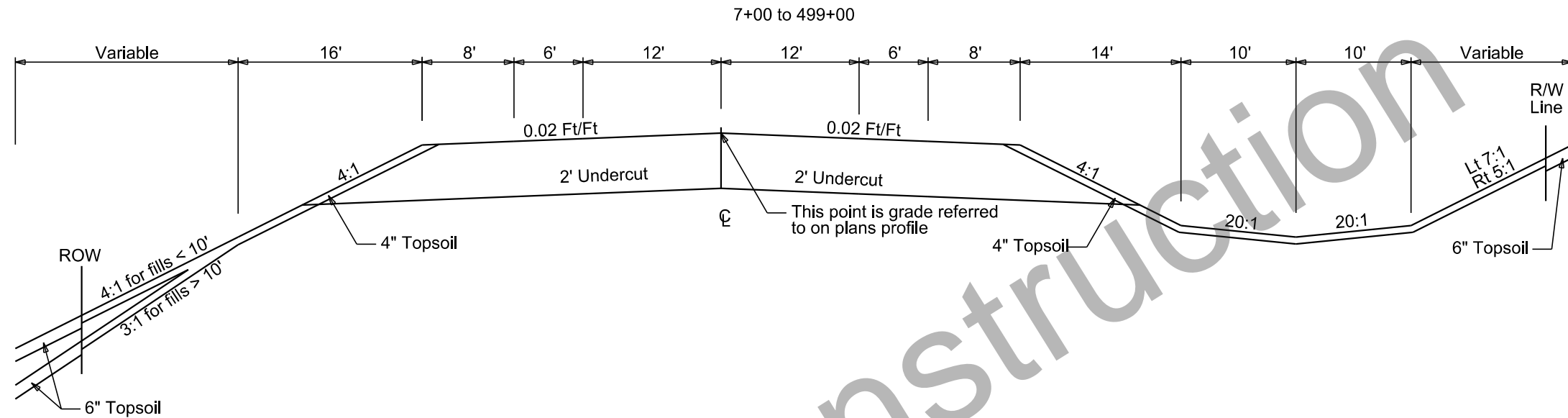
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TYPICAL GRADING SECTION

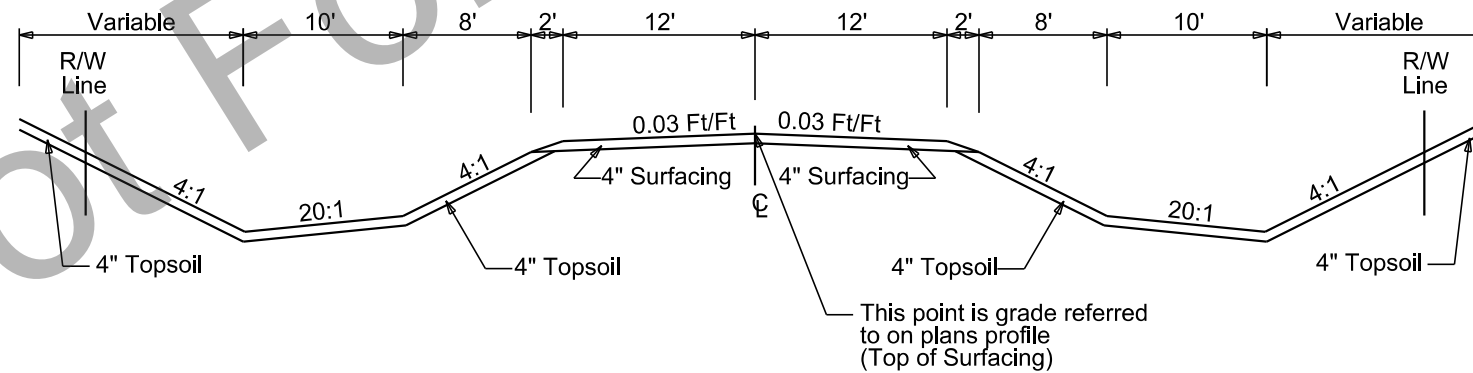
STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	NH 0012(206)112	B5	B46

Plotting Date: 01/04/2022



xr73 Entrance at 73+89 R
6+07 to 7+32

xr400 Entrance at 400+30 L
0+26 to 3+03



Plot Scale - 1:200

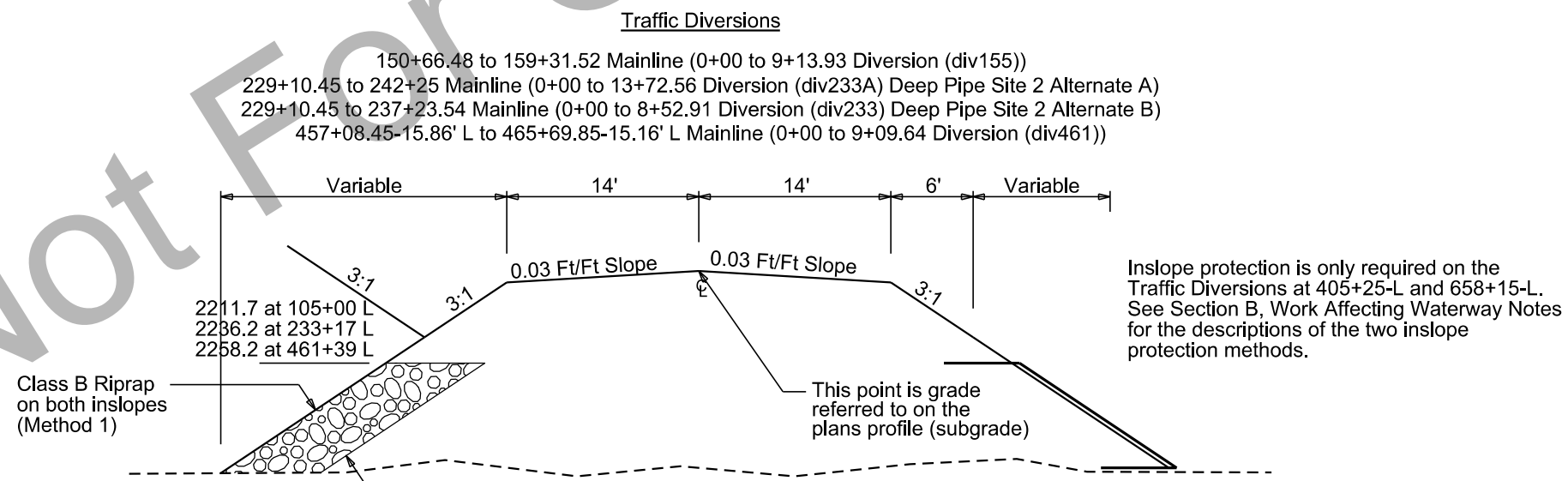
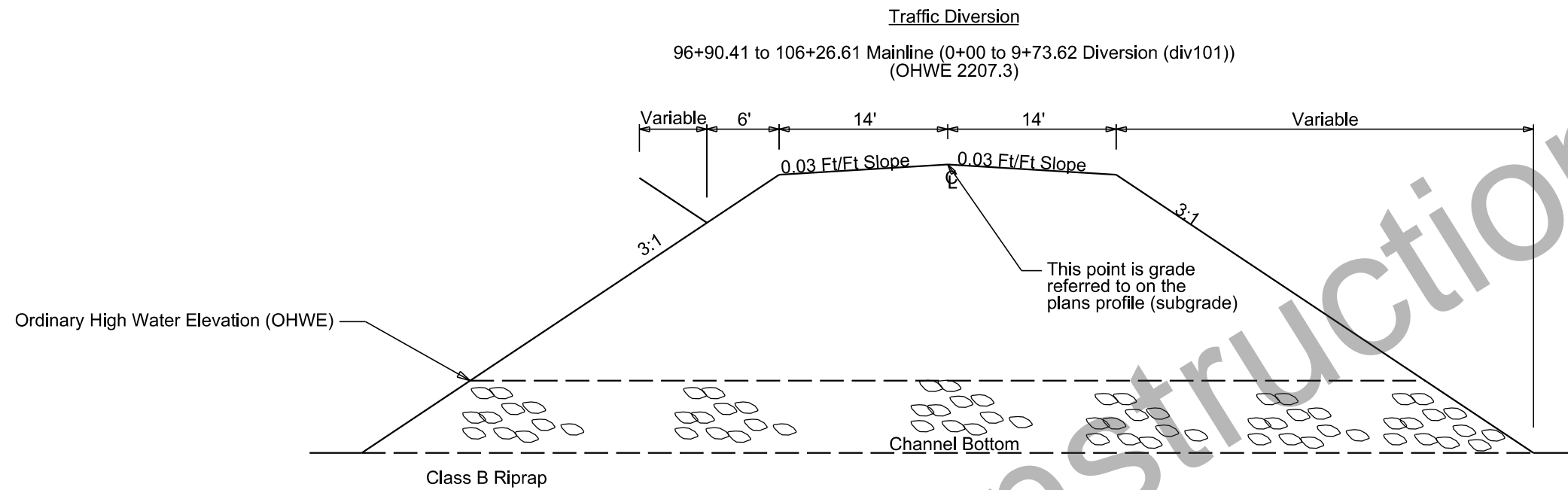
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TYPICAL GRADING SECTION

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	NH 0012(206)112	B6	B46

Plotting Date: 01/04/2022



Plot Scale - 1:200

Plotted From - trs112141

File - U:\traj\Cons05HW\typ.dgn

HORIZONTAL ALIGNMENT DATA

STATE OF SOUTH DAKOTA	PROJECT NH 0012(206)112	SHEET B7	TOTAL SHEETS B46
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Plotting Date: 01/04/2022

MAINLINE

Type	Station		Northing	Easting
POB	7+00.00		770868.688	1527694.941
		TL= 300.00 S 89°00'05" E		
PC	10+00.00		770863.460	1527994.896
PI	19+95.81	R = 7750.00 Delta = 14°38'38" L	770846.107	1528990.556
PT	29+80.77		771081.030	1529958.260
		TL= 1328.03 N 76°21'17" E		
PC	43+08.80		771394.327	1531248.806
PI	56+21.98	R = 11200.00 Delta = 13°22'29" R	771704.120	1532524.921
PT	69+23.22		771710.326	1533838.086
		TL= 9809.87 N 89°43'45" E		
PC	167+33.10		771756.681	1543647.850
PI	177+58.03	R = 5745.00 Delta = 20°13'51" R	771761.524	1544672.772
PT	187+61.62		771411.648	1545636.139
		TL= 11019.28 S 70°02'24" E		
PC	297+80.90		767650.052	1555993.501
PI	311+95.50	R = 5750.00 Delta = 27°38'33" L	767167.157	1557323.128
PT	325+55.01		767356.266	1558725.032
		TL= 5395.79 N 82°19'03" E		
PC	379+50.80		768077.597	1564072.389
PI	395+36.04	R = 7350.00 Delta = 24°20'31" R	768289.517	1565643.394
PT	410+73.44		767835.057	1567162.088
		TL= 9147.33 S 73°20'26" E		
POE	502+20.77		765212.670	1575925.465

div101

Type	Station		Northing	Easting
PC	0+00.00		771723.401	1536605.244
PI	1+02.91	R = 400.00 Delta = 28°51'25" L	771723.888	1536708.157
PRC	2+01.46		771773.982	1536798.056
PI	3+05.38	R = 400.00 Delta = 29°07'40" R	771824.567	1536888.837
PT	4+04.81		771824.567	1536992.759
		TL= 164.00 N 89°43'45" E		
PC	5+68.81		771825.324	1537152.977
PI	6+72.73	R = 400.00 Delta = 29°07'40" R	771826.306	1537256.895
PRC	7+72.16		771776.581	1537348.149
PI	8+75.07	R = 400.00 Delta = 28°51'25" L	771727.339	1537438.518
PT	9+73.62		771727.825	1537541.431

div155

Type	Station		Northing	Easting
PC	0+00.00		771748.805	1541981.256
PI	1+17.45	R = 400.00 Delta = 32°43'39" L	771749.360	1542098.706
PRC	2+28.48		771813.326	1542197.212
PI	4+85.55	R = 400.00 Delta = 65°27'19" R	771953.330	1542412.811
PRC	6+85.45		771815.370	1542629.724
PI	8+02.90	R = 400.00 Delta = 32°43'39" L	771752.338	1542728.829
PT	9+13.93		771752.893	1542846.280

xr73

Type	Station		Northing	Easting
POB	5+00.00		771496.303	1534410.944
		TL= 99.62 N 47°50'33" W		
PC	5+99.62		771563.163	1534337.098
PI	6+43.69	R = 100.00 Delta = 47°34'18" R	771592.745	1534304.425
PT	6+82.64		771636.820	1534304.216
		TL= 75.71 N 0°16'15" W		
POE	7+58.35		771712.526	1534303.859

div233

Type	Station		Northing	Easting
PC	0+00.00		769995.381	1549535.756
PI	1+09.21	R = 400.00 Delta = 30°32'34" L	769958.100	1549638.408
PRC	2+13.23		769978.157	1549745.763
PI	4+49.25	R = 400.00 Delta = 61°05'08" R	770021.504	1549977.769
PRC	6+39.69		769839.377	1550127.888
PI	7+48.90	R = 400.00 Delta = 30°32'34" L	769755.102	1550197.351
PT	8+52.91		769717.821	1550300.004

The coordinates shown on this sheet are based on the South Dakota State Plane Coordinate System. North Zone (ITRF to NAD 83/2011); epoch 2010.00; Geoid 12A; SF = 0.9999549424

Plot Scale - 1:200

Plotted From - trs12141

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HORIZONTAL ALIGNMENT DATA

STATE OF SOUTH DAKOTA	PROJECT NH 0012(206)112	SHEET B8	TOTAL SHEETS B46
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Plotting Date: 01/04/2022

div233A

Type	Station			Northing	Easting
PC	0+00.00			769995.382	1549535.755
PI	1+09.21	R = 400.00	Delta = 30°32'34" L	769958.100	1549638.408
PRC	2+13.23			769978.158	1549745.763
PI	2+70.16	R = 400.00	Delta = 16°12'07" R	769988.614	1549801.730
PT	3+26.34			769983.039	1549858.392
		TL= 282.58	S 84°22'51" E		
PC	6+08.92			769955.369	1550139.619
PI	7+33.32	R = 400.00	Delta = 34°33'05" R	769943.188	1550263.421
PT	8+50.14			769862.942	1550358.478
		TL= 381.32	S 49°49'46" E		
PC	12+31.46			769616.964	1550649.857
PI	13+02.75	R = 400.00	Delta = 20°12'38" L	769570.977	1550704.331
PT	13+72.56			769546.642	1550771.337

xr400

Type	Station			Northing	Easting
POB	0+00.00			768062.352	1566144.605
		TL= 85.26	N 8°31'32" E		
PC	0+85.26			768146.673	1566157.245
PI	1+17.33	R = 333.00	Delta = 11°00'01" L	768178.384	1566161.999
PT	1+49.20			768210.419	1566160.614
		TL= 153.85	N 2°28'29" W		
POE	3+03.05			768364.129	1566153.971

div461

Type	Station			Northing	Easting
PC	0+00.00			766521.469	1571607.094
PI	1+16.89	R = 400.00	Delta = 32°34'43" L	766487.872	1571719.048
PRC	2+27.44			766519.844	1571831.478
PI	4+83.06	R = 400.00	Delta = 65°09'39" R	766589.762	1572077.348
PRC	6+82.35			766396.008	1572244.081
PI	7+99.16	R = 400.00	Delta = 32°33'25" L	766307.472	1572320.270
PT	9+09.64			766273.848	1572432.131

The coordinates shown on this sheet are based on the South Dakota State Plane Coordinate System. North Zone (ITRF to NAD 83/2011); epoch 2010.00; Geoid 12A; SF = 0.9999549424

Plot Scale - 1:200

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CONTROL DATA

STATE OF SOUTH DAKOTA	PROJECT NH 0012(206)112	SHEET B9	TOTAL SHEETS B46
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Plotting Date: 01/04/2022

HORIZONTAL AND VERTICAL CONTROL POINTS						
POINT	STATION	OFFSET	DESCRIPTION	NORTHING	EASTING	ELEVATION
CP 1	Not on	Project		764140.127	1595204.188	2343.94
v428	Not on	Project	Harn at McIntosh Court House	764158.030	1625607.520	2309.20
12-128-81	Not on	Project		763880.14	1610954.94	2295.90
T119	500+21	314' R	County Bench Mark	764969.436	1575644.122	2253.24
BM7	498+99	64' L		765366.59	1575635.184	2254.92
BM6	465+90	121' L		766369.48	1572481.338	2273.82
Harn	117+57	99' L		771832.432	1538671.707	2248.68

Not For Construction

The coordinates shown on this sheet are based on the South Dakota State Plane Coordinate System. North Zone (ITRF to NAD 83/11); epoch 2010.00
 Geoid 12A; SF = 0.9999549424
 The elevations shown on this sheet are based on NAVD 88.

Plot Scale - 1:200

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LEGEND

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	NH 0012(206)112	B10	B46

Plotting Date: 01/04/2022

Plot Scale - 1:200

Plotted From - Irs1212141

Anchor		Hedge		Shrub Tree		State and National Line	
Antenna		Highway R.O.W. Marker		Sidewalk		County Line	
Approach		Interstate Close Gate		Sign Face		Section Line	
Assumed Corner		Iron Pin		Sign Post		Quarter Line	
Azimuth Marker		Irrigation Ditch		Slough Or Marsh		Sixteenth Line	
BBQ Grill/ Fireplace		Lake Edge		Spring		Property Line	
Bearing Tree		Lawn Sprinkler		Stream Gauge		Construction Line	
Bench Mark		Mailbox		Street Marker		R. O. W. Line	
Box Culvert		Manhole Electric		Subsurface Utility Exploration Test Hole		New R. O. W. Line	
Bridge		Manhole Gas		Telephone Fiber Optics		Cut and Fill Limits	
Brush		Manhole Misc		Telephone Junction Box		Control of Access	
Buildings		Manhole Sanitary Sewer		Telephone Pole		New Control of Access	
Bulk Tank		Manhole Storm Sewer		Television Cable Jct Box		Proposed ROW (After Property Disposal)	
Cattle Guard		Manhole Telephone		Television Tower			
Cemetery		Manhole Water		Test Wells/Bore Holes			
Centerline		Merry-Go-Round		Traffic Signal			
Cistern		Microwave Radio Tower		Trash Barrel		Drainage Arrow	
Clothes Line		Misc. Line		Tree Belt			
Commercial Sign Double Face		Misc. Property Corner		Tree Coniferous		Remove Concrete Pavement	
Commercial Sign One Post		Misc. Post		Tree Deciduous		Remove Concrete Driveway Pavement	
Commercial Sign Overhead		Overhang Or Encroachment		Tree Stumps		Remove Asphalt Concrete Pavement	
Commercial Sign Two Post		Overhead Utility Line		Triangulation Station		Remove Concrete Sidewalk	
Concrete Symbol		Parking Meter		Underground Electric Line		Remove Concrete Approach Pavement	
Creek Edge		Pipe With End Section		Underground Gas Line		Remove Concrete Median Pavement	
Curb/Gutter		Pipe With Headwall		Underground High Pressure Gas Line		Remove Concrete Curb	
Curb		Pipe Without End Section		Underground Sanitary Sewer		Remove Concrete Curb and Gutter	
Dam Grade/Dike/Levee		Playground Slide		Underground Storm Sewer		Remove Concrete Gutter	
Deck Edge		Playground Swing		Underground Tank			
Ditch Block		Power And Light Pole		Underground Telephone Line			
Doorway Threshold		Power And Telephone Pole		Underground Television Cable			
Drainage Profile		Power Meter		Underground Water Line			
Drop Inlet		Power Pole		Warning Sign One Post			
Edge Of Asphalt		Power Pole And Transformer		Warning Sign Two Post			
Edge Of Concrete		Power Tower Structure		Water Fountain			
Edge Of Gravel		Propane Tank		Water Hydrant			
Edge Of Other		Property Pipe		Water Meter			
Edge Of Shoulder		Property Pipe With Cap		Water Tower			
Elec. Trans./Power Jct. Box		Property Stone		Water Valve			
Environmental Sensitive Site		Public Telephone		Water Well			
Fence Barbwire		Railroad Crossing Signal		Weir Rock			
Fence Chainlink		Railroad Milepost Marker		Windmill			
Fence Electric		Railroad Profile		Wingwall			
Fence Misc.		Railroad R.O.W. Marker		Witness Corner			
Fence Rock		Railroad Signs					
Fence Snow		Railroad Switch					
Fence Wood		Railroad Track					
Fence Woven		Railroad Trestle					
Fire Hydrant		Rebar					
Flag Pole		Rebar With Cap					
Flower Bed		Reference Mark					
Gas Valve Or Meter		Regulatory Sign One Post					
Gas Pump Island		Regulatory Sign Two Post					
Grain Bin		Retaining Wall					
Guardrail		Riprap					
Guide Sign One Post		River Edge					
Guide Sign Two Post		Rock And Wire Baskets					
Gutter		Rockpiles					
Guy Pole		Satellite Dish					
Haystack		Septic Tank					
						Detectable Warning Pedestrian Push Button Pole and 30" x 48" Clear Space with 1.5% slope	

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18+20-43.68' R to 18+22-76.98' R
Take Out xx"-33' XXX
(Incidental Work, Grading)

9+21 L (1 ac)
Install 18"-76' CMP
& 2 Safety Ends

18+21
Take Out 24"-90' RCP
(Incidental Work, Grading)

18+21 (18 ac)
Install 30"-92' RCP
& 2 Sloped Ends

26+21
Take Out 24"-52' RCP
(Incidental Work, Grading)

26+21 (3 ac)
Install 24"-76' RCP
& 2 Sloped Ends

28+88-44' L
Take Out 18"-63' RCP
(Incidental Work, Grading)

28+88-53' L (3 ac)
Install 18"-78' CMP
& 2 Safety Ends

32+55-43' L
Take Out 18"-69' RCP
(Incidental Work, Grading)

32+55-54' L (6 ac)
Install 24"-72' CMP
& 2 Safety Ends

34+69-53' R (6 ac)
Install 24"-74' CMP
& 2 Safety Ends

STATE OF SOUTH DAKOTA	PROJECT NH 0012(206)112	SHEET B11	TOTAL SHEETS B46
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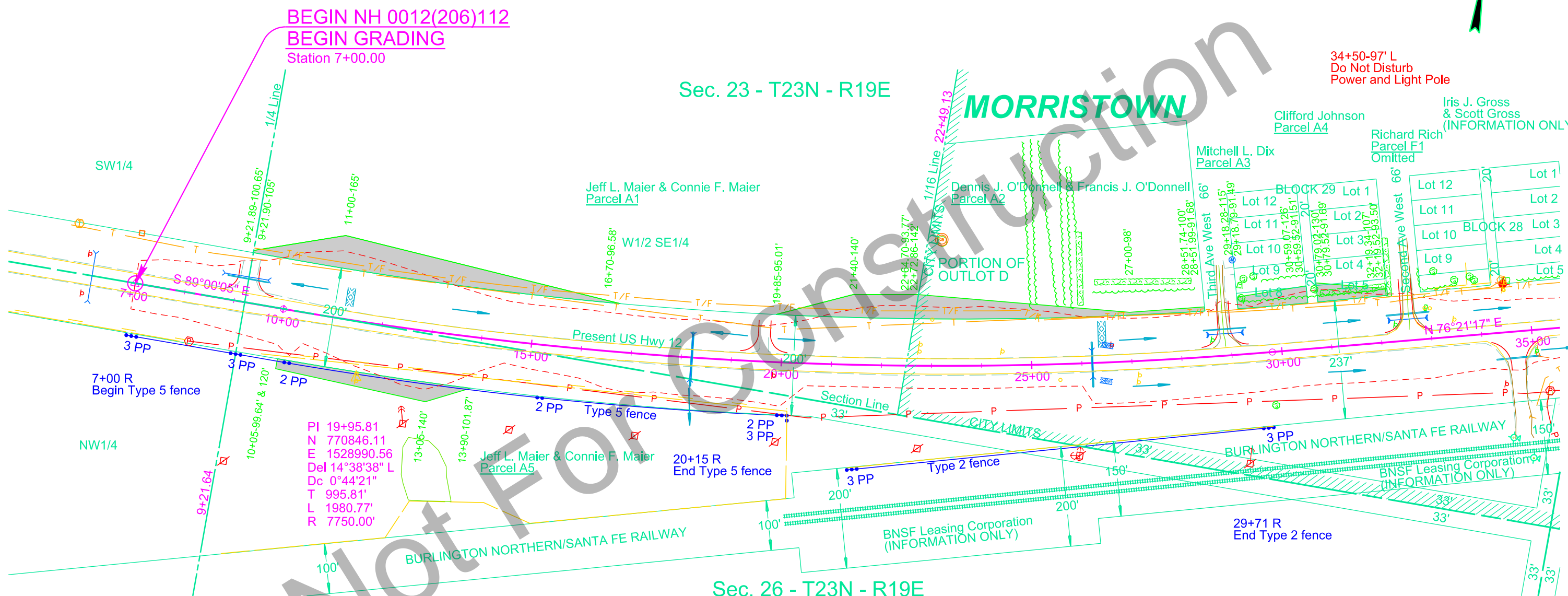
Plotting Date: 01/04/2022 Rev 11/23/2021 BT



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File - U:\traj\Cons05\HW005.dgn



Sec. 23 - T23N - R19E

Sec. 26 - T23N - R19E

MORRISTOWN

NOT FOR CONSTRUCTION

Parcel A1
9+21.89 to 16+70 L
Temporary Easement containing
0.6 ac, more or less

Parcel A1
19+85 to 22+72.86 L
Temporary Easement containing
0.2 ac, more or less

Parcel A2
22+64.70 to 28+51.99 L
Temporary Easement containing
13527 sq ft, more or less

Parcel A3
29+18.28 to 30+59.52 L
Temporary Easement containing
4090 sq ft, more or less

Parcel A4
30+79.02 to 32+19.52 L
Temporary Easement containing
3629 sq ft, more or less

Parcel A5
10+05 to 13+90 R
Temporary Easement containing
0.2 ac, more or less

34+50-97' L
Do Not Disturb
Power and Light Pole

Clifford Johnson
Parcel A4

Richard Rich
Parcel F1
Omitted

Iris J. Gross
& Scott Gross
(INFORMATION ONLY)

Mitchell L. Dix
Parcel A3

Dennis J. O'Donnell & Francis J. O'Donnell
Parcel A2

Jeff L. Maier & Connie F. Maier
Parcel A1

Jeff L. Maier & Connie F. Maier
Parcel A5

BNSF Leasing Corporation
(INFORMATION ONLY)

BNSF Leasing Corporation
(INFORMATION ONLY)

BNSF Leasing Corporation
(INFORMATION ONLY)

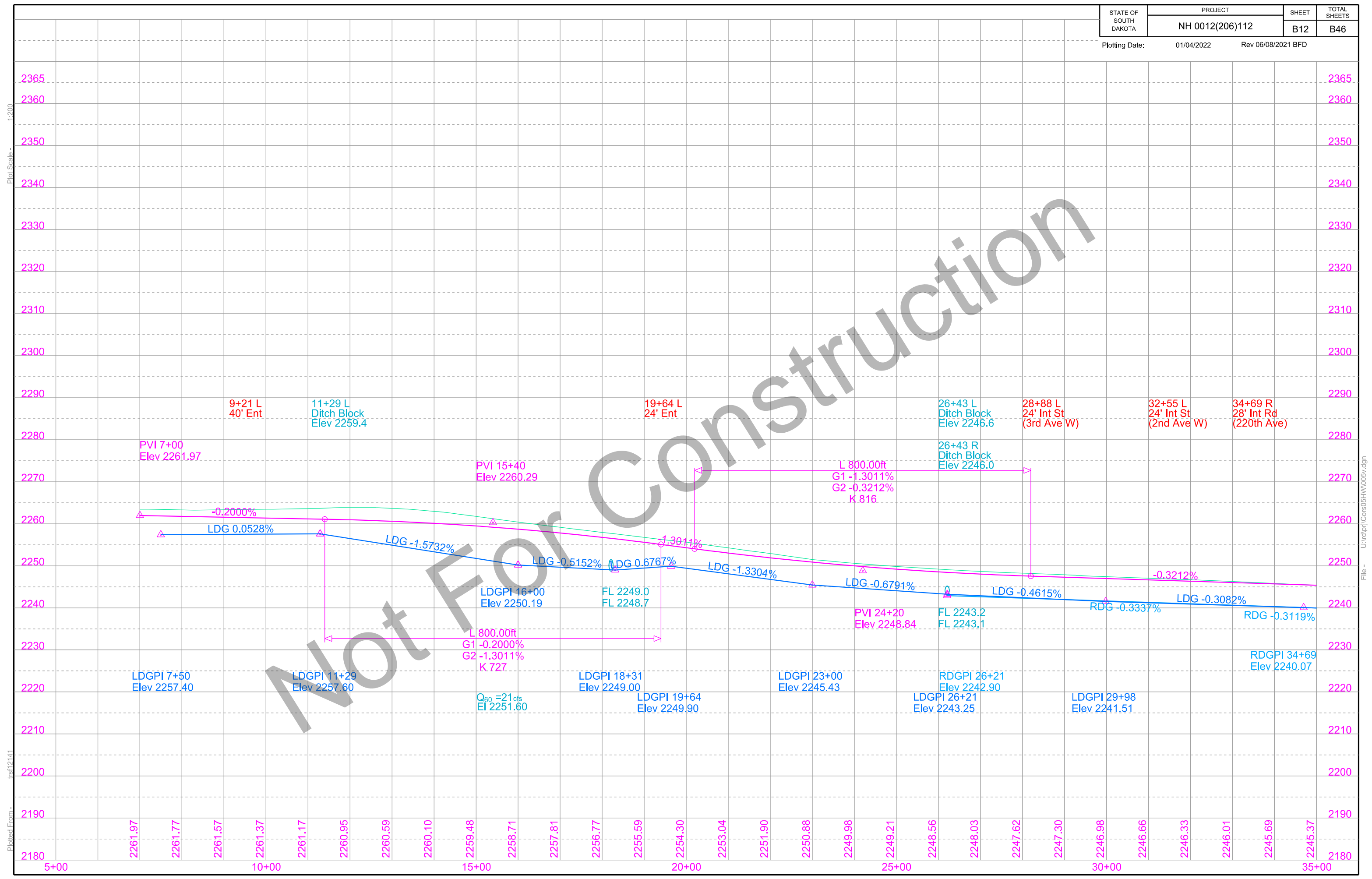
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Plot Scale - 1:200

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36+23-39' L
Take Out 18"-62' RCP
(Incidental Work, Grading)

37+62
Take Out 24"-57' RCP
(Incidental Work, Grading)

36+22-45' L (9 ac)
Install 24"-74' CMP
& 2 Safety Ends

37+45 (11 ac)
Install 30"-90' RCP Arch
Skewed 35° RHF
& 2 Sloped Ends

40+08-40' L
Take Out 18"-65' RCP
(Incidental Work, Grading)

45+71-34' R
Take Out 18"-62' RCP
(Incidental Work, Grading)

45+71-40' L
Take Out 18"-54' RCP
(Incidental Work, Grading)

43+91-48' L (1 ac)
Install 18"-84' CMP
& 2 Safety Ends

45+72-50' L (1 ac)
Install 18"-86' CMP
& 2 Safety Ends

47+49-40' L
Take Out 18"-61' RCP
(Incidental Work, Grading)

48+99-37' R
Take Out 18"-53' RCP
(Incidental Work, Grading)

51+23-37' R
Take Out 18"-56' RCP
(Incidental Work, Grading)

45+72-57' R (19 ac)
Install 36"-72' CMP Arch
& 2 Safety Ends

47+51-51' L (3 ac)
Install 18"-90' CMP
& 2 Safety Ends

51+21-41' L
Take Out 18"-61' RCP
(Incidental Work, Grading)

54+73-42' R
Take Out 18"-57' RCP
(Incidental Work, Grading)

51+21-57' R (21 ac)
Install 30"-72' CMP Arch
& 2 Safety Ends

51+21-61' L (3 ac)
Install 18"-82' CMP
& 2 Safety Ends

54+74-61' L (3 ac)
Install 18"-56' CMP
& 2 Safety Ends

64+73
Take Out 24"-54' RCP
(Incidental Work, Grading)

58+40-60' L (3 ac)
Install 18"-86' CMP
& 2 Safety Ends

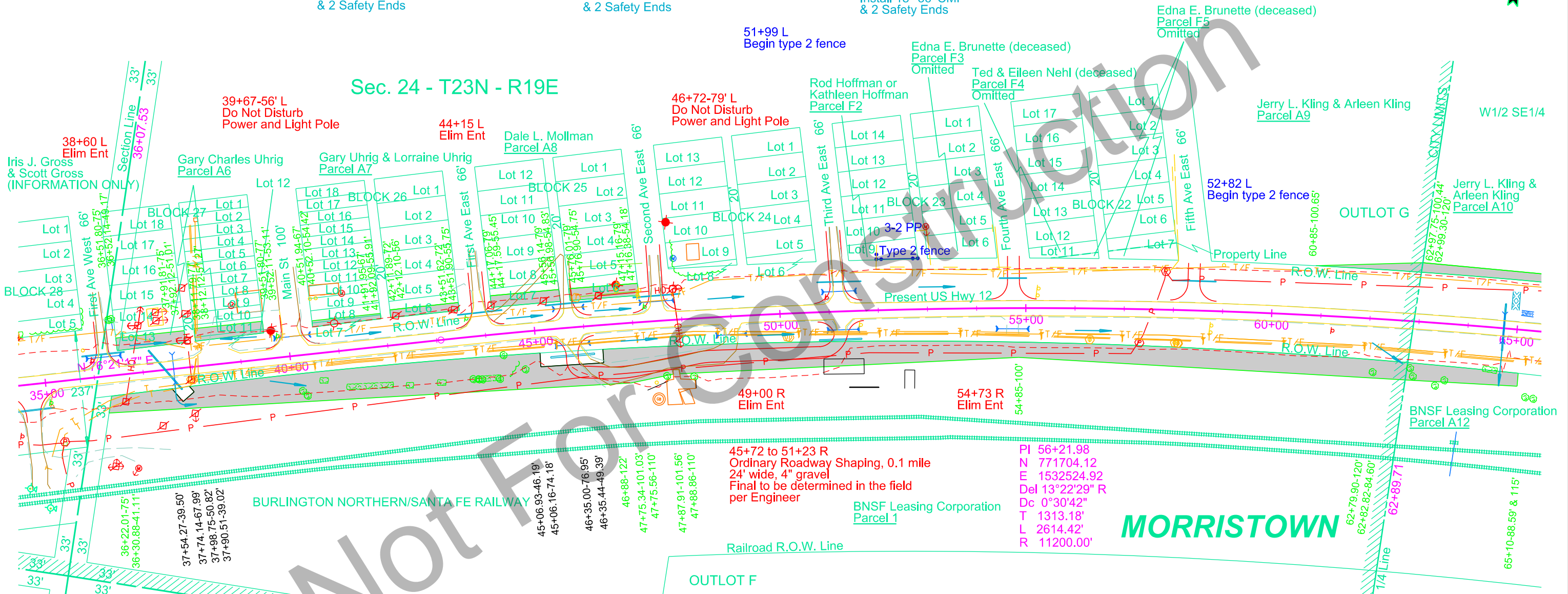
64+73 (5 ac)
Install 24"-82' RCP
& 2 Sloped Ends

STATE OF SOUTH DAKOTA	PROJECT NH 0012(206)112	SHEET B13	TOTAL SHEETS B46
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Plotting Date: 01/04/2022 Rev 10/29/2021 BFD



Sec. 24 - T23N - R19E



Parcel 1
36+22.01 to 62+82.82 R
Temporary Easement containing
124201 sq ft, more or less

Parcel A6
38+11.79 to 39+52.11 L
Temporary Easement containing
3474 sq ft, more or less

Parcel A7
42+11.89 to 43+51.90 L
Temporary Easement containing
2238 sq ft, more or less

Parcel A8
45+76.01 to 47+16.38 L
Temporary Easement containing
3418 sq ft, more or less

Parcel A9
60+85 to 62+99.30 L
Temporary Easement containing
2026 sq ft, more or less

Parcel A10
62+97.75 to 70+15 L
Temporary Easement containing
0.3 ac, more or less

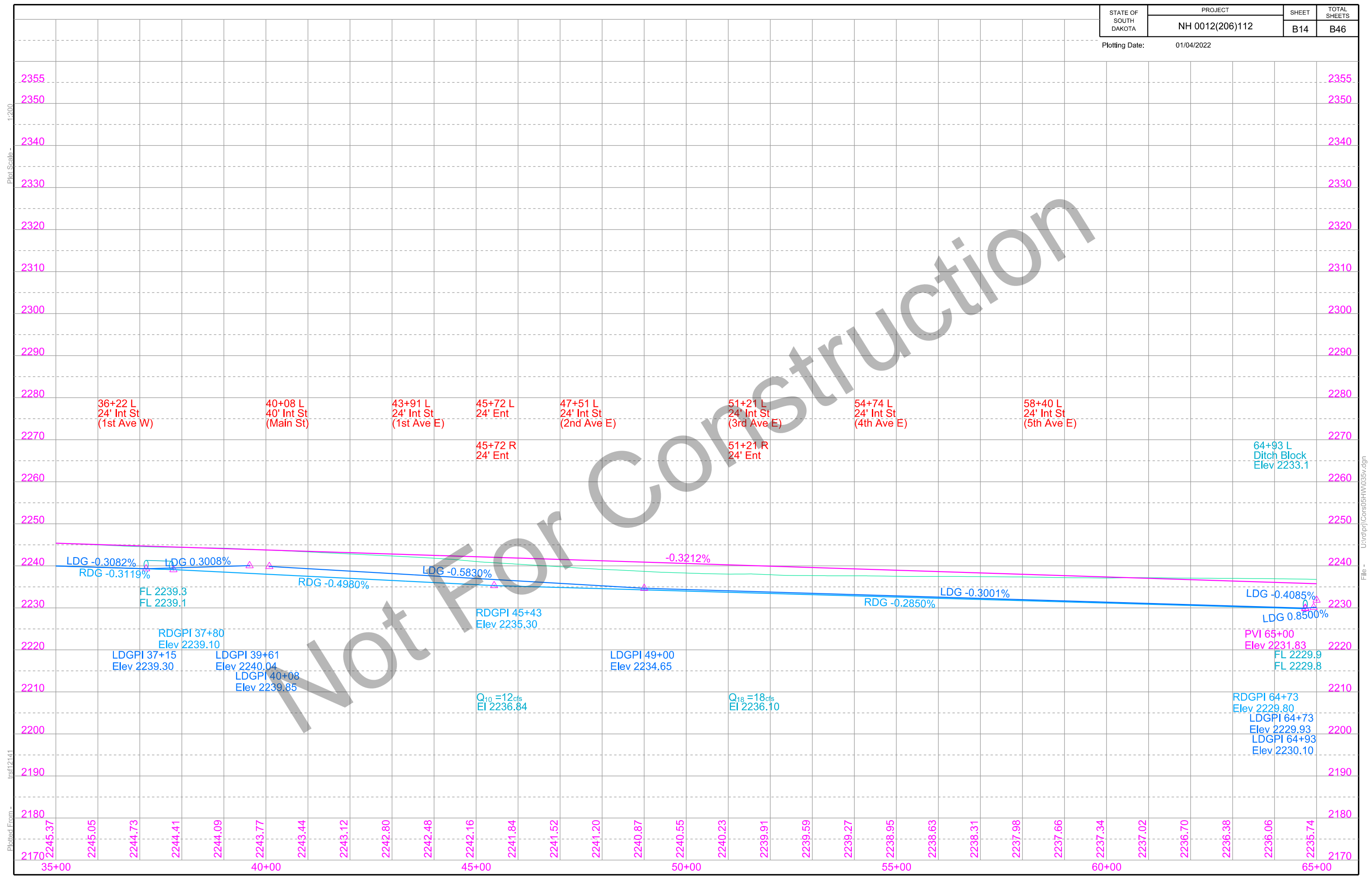
Parcel A12
62+79.90 to 65+10 R
Temporary Easement containing
0.2 ac, more or less

45+72 to 51+23 R
Ordinary Roadway Shaping, 0.1 mile
24' wide, 4" gravel
Final to be determined in the field
per Engineer

PI 56+21.98
N 771704.12
E 1532524.92
Del 13°22'29" R
Dc 0°30'42"
T 1313.18'
L 2614.42'
R 11200.00'

File - U:\Irs\Irs12141\Cons05\HW035.dgn

Plotting Date: 01/04/2022



Plot Scale - 1:200

Plotted From - trs12141

File - U:\traj\Cons05HW035v.dgn

73+89-54' R (2 ac)
Install 18"-72" CMP
& 2 Safety Ends

76+03-59' L
Take Out 18"-65' RCP
(Incidental Work, Grading)

78+86
Take Out 18"-89' RCP
(Incidental Work, Grading)

82+27
Take Out 18"-97' RCP
(Incidental Work, Grading)

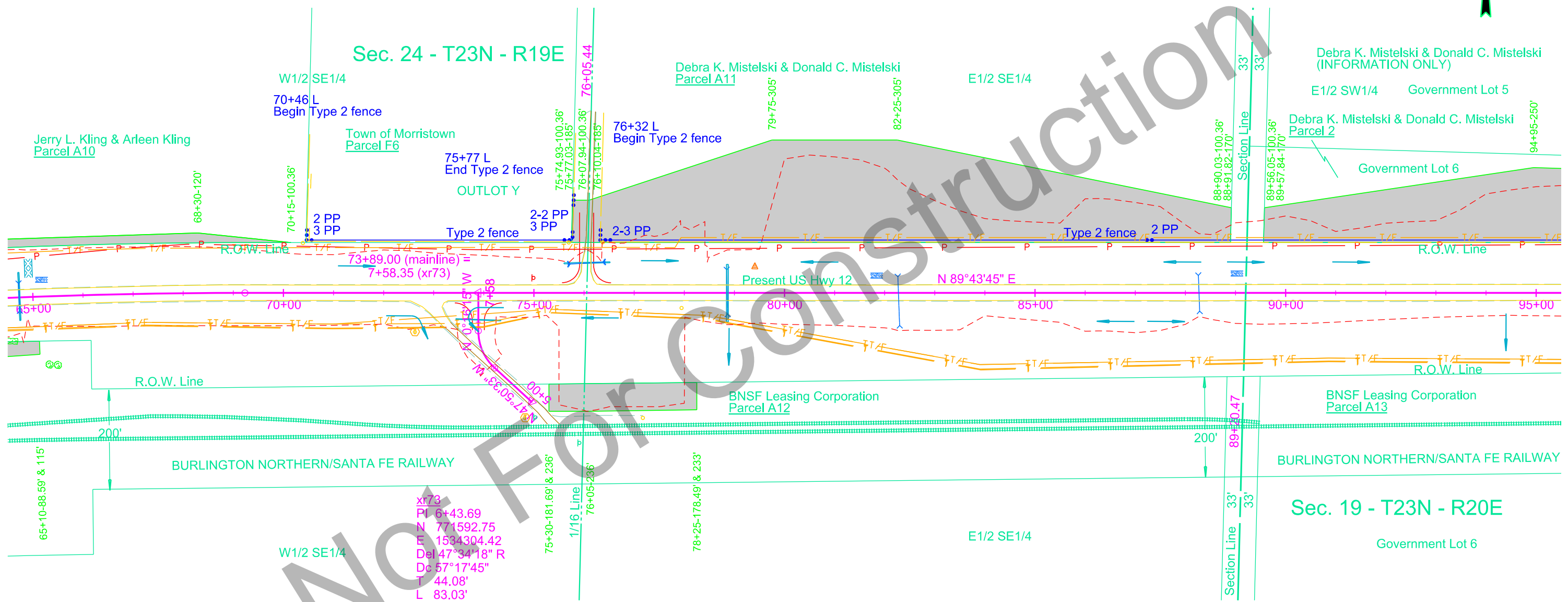
88+27
Take Out 18"-71' RCP
(Incidental Work, Grading)

STATE OF SOUTH DAKOTA	PROJECT NH 0012(206)112	SHEET B15	TOTAL SHEETS B46
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Plotting Date: 01/04/2022 Rev 05/26/2021 BFD

Plot Scale - 1:200

Plotted From - trs112141



NO FOR CONSTRUCTION

Parcel A10
75+74.93 to 76+10.04 L
Temporary Easement containing
0.1 ac, more or less

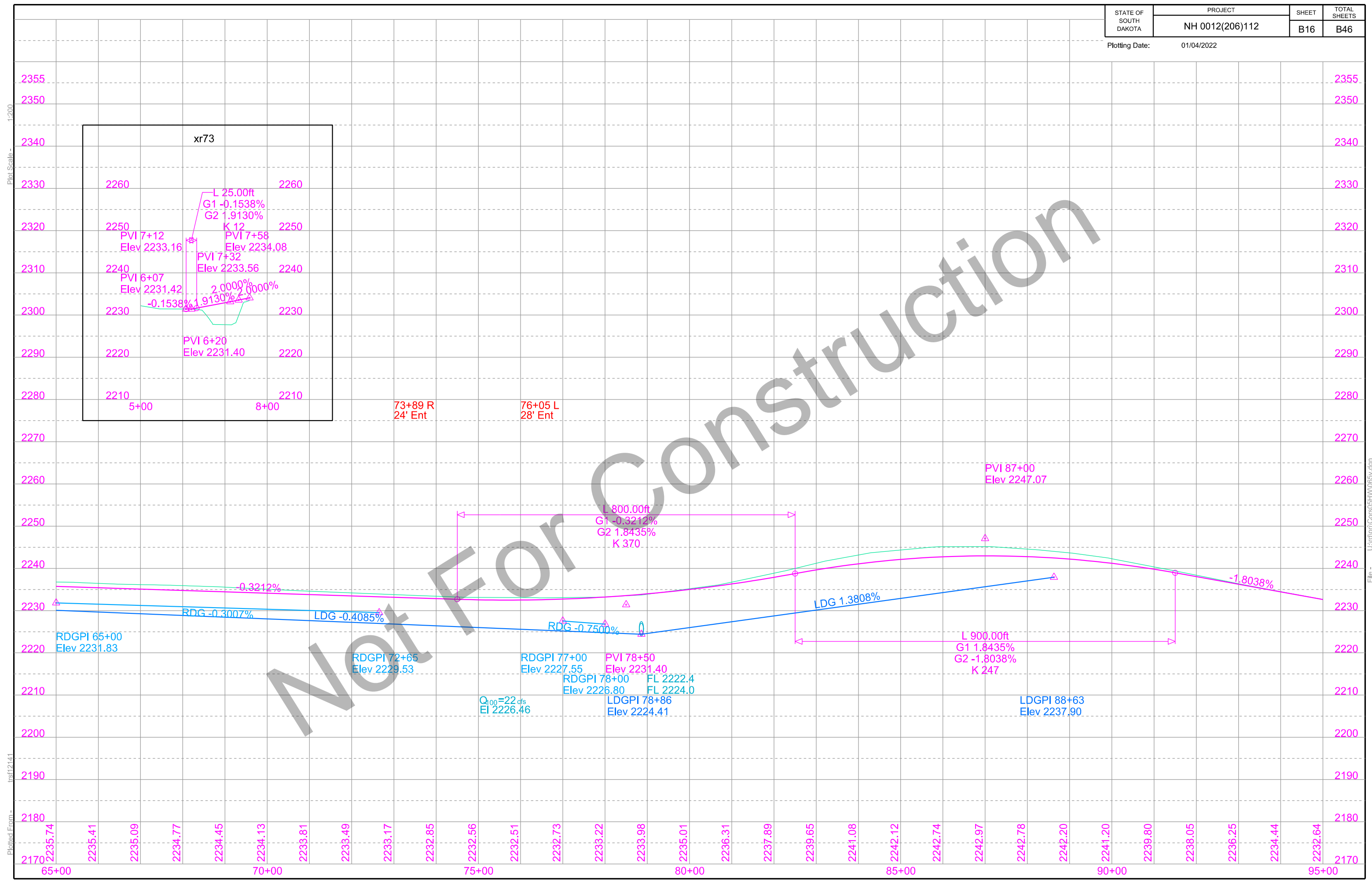
Parcel A11
76+07.94 to 88+91.82 L
Temporary Easement containing
4.5 ac, more or less

Parcel A12
75+30 to 78+25 R
Temporary Easement containing
0.4 ac, more or less

Parcel 2
89+56.05 to 114+74.86 L
Temporary Easement containing
4.5 ac, more or less

xr73
PI 6+43.69
N 771592.75
E 1534304.42
Del 47°34'18" R
Dc 57°17'45"
T 44.08'
L 83.03'

File - U:\traj\proj\Cons05\HW065.dgn



Plot Scale - 1:200

Plotted From - trs12141

File - U:\traj\Cons05\HW065v.dgn

Not For Construction

100+88 to 102+31
Take Out 143'-6" I-Beam Viaduct
See Section E

101+00.2 to 102+20.2 (79.79 sq mi)
Install 120'-0" Prestressed Girder Bridge
(See Section E)

100+88-17.62' L to 100+88-17.62' R
Install 18"-34' RCP
(Between Drop Inlets)

107+27
Take Out 18"-103' RCP
(Incidental Work, Grading)

100+88-18.37' R to 100+88-43.01' R
Install 18"-22' CMP
& 1 CMP Flared End
(Outlet from Drop Inlet)

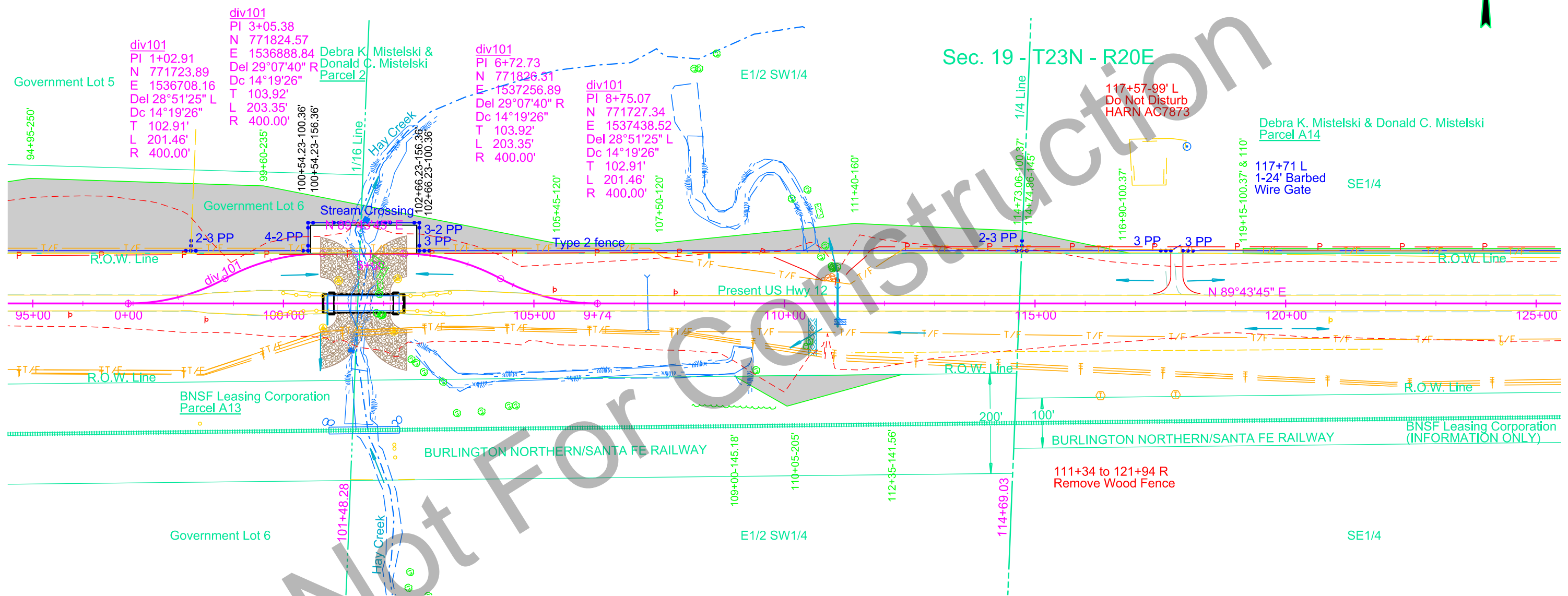
Install Type D Drop Inlets
with 6" Concrete Collar
and Type D Frame and Grate
at the following locations:
100+88-17.62' L
100+88-17.62' R

111+06
Take Out 18"-55' RCP
(Incidental Work, Grading)

111+06 (4 ac)
Install 24"-92' RCP
& 2 Sloped Ends

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	NH 0012(206)112	B17	B46

Plotting Date: 01/04/2022 Rev 11/08/2021 BFD



Parcel A13
109+00 to 112+35 R
Temporary Easement containing
0.2 ac, more or less

Parcel A14
114+73.06 to 116+90 L
Temporary Easement containing
0.1 ac, more or less

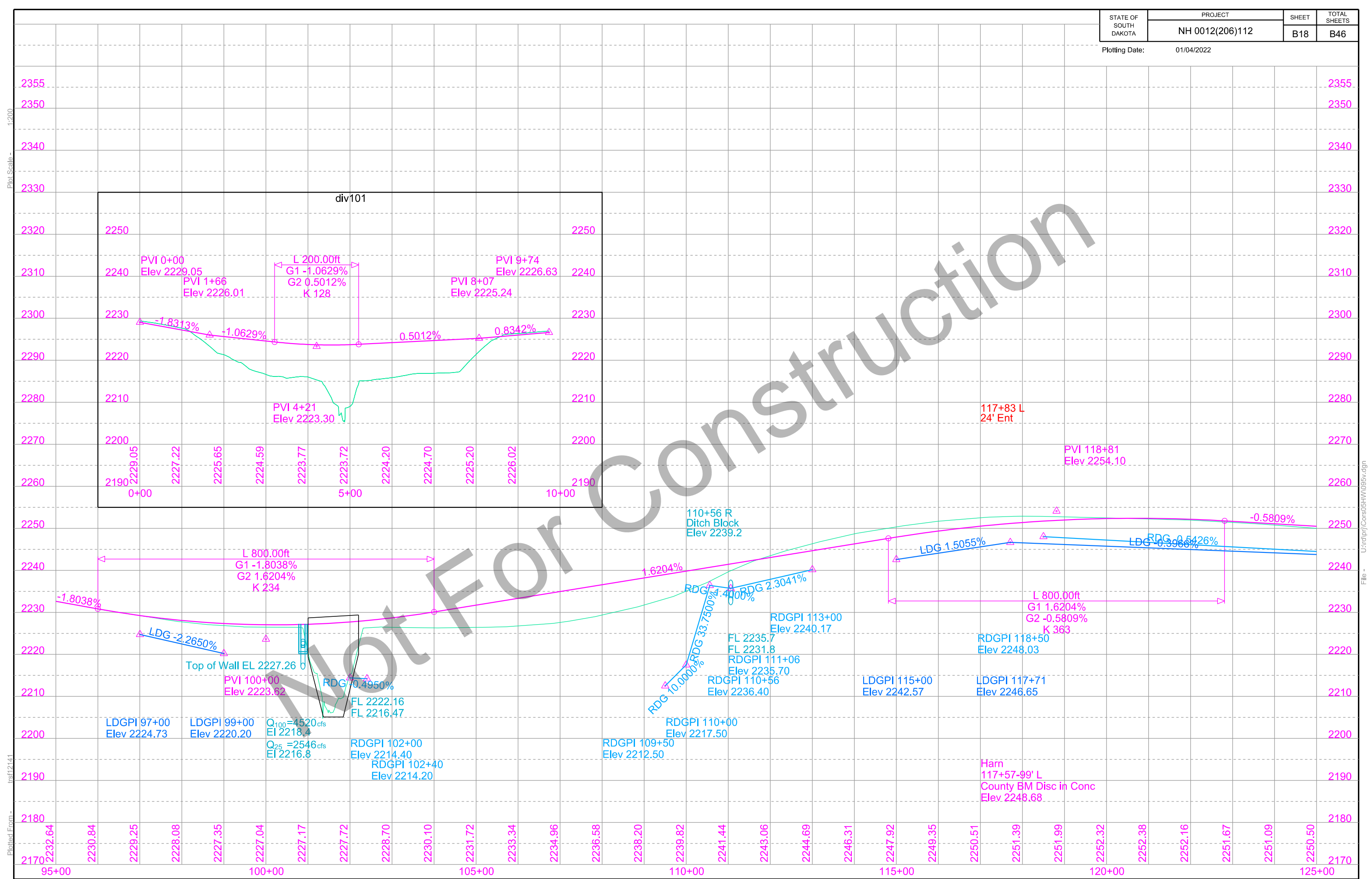
Parcel A14
119+15 to 126+05 L
Temporary Easement containing
0.2 ac, more or less

Plot Scale - 1:200

Plotted From - trs112141

File - U:\traj\Cons05\HW095.dgn

Plotting Date: 01/04/2022



Plot Scale - 1:200

Plotted From - trs1212141

File - U:\traj\Cons05\HW095v.dgn

132+88 L
Remove Historical Marker for Reset
132+88 R
Reset Historical Marker
(See Section S)

140+98-43' L
Take Out 18"-68' RCP
(Incidental Work, Grading)

140+94-43' R
Take Out 18"-65' RCP
(Incidental Work, Grading)

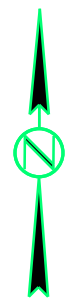
140+94-50' L (5 ac)
Install 18"-68' CMP
& 2 Safety Ends

140+94-50' R (12 ac)
Install 24"-66' CMP
& 2 Safety Ends

154+99
Take Out Twin 60"-66' RCP
(Incidental Work, Grading)

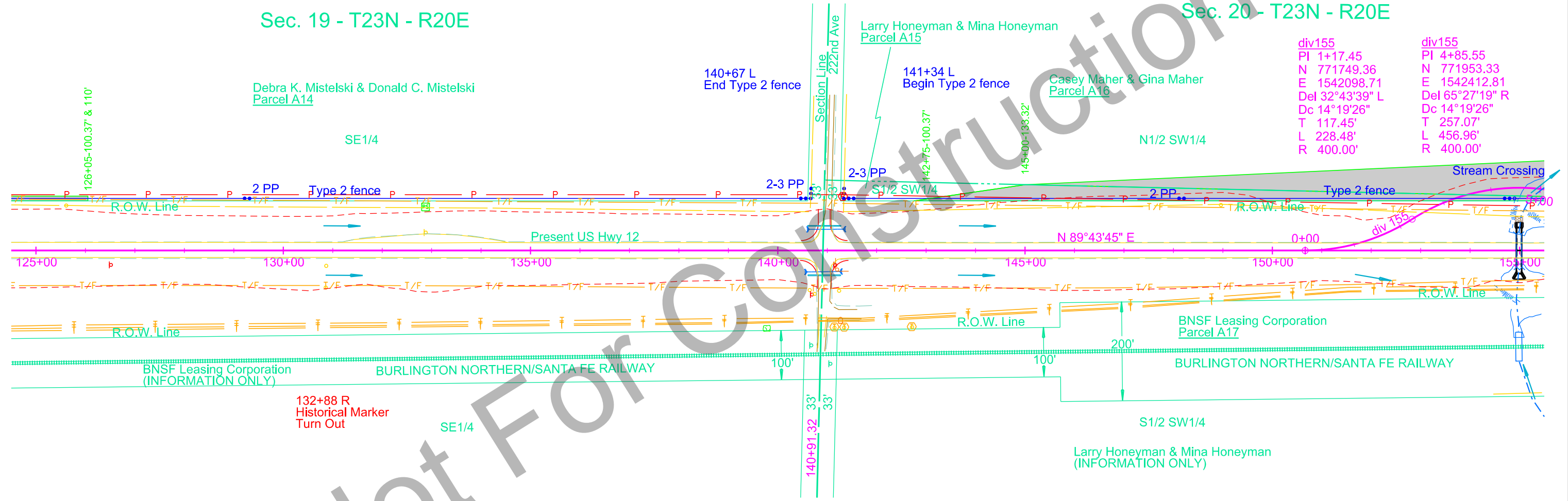
154+99 (1.83 sq mi)
Site1
Alternate A
Install 9'x6'-114' 11 3/16" Box Culvert (CIP)
Alternate B
Install 10'x6'-118' 6" Box Culvert (Precast)
(See Section E)

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	NH 0012(206)112	B19	B46
Plotting Date: 01/04/2022		Rev 05/26/2021 BFD	



Sec. 19 - T23N - R20E

Sec. 20 - T23N - R20E



div155	div155
PI 1+17.45	PI 4+85.55
N 771749.36	N 771953.33
E 1542098.71	E 1542412.81
Del 32°43'39" L	Del 65°27'19" R
Dc 14°19'26"	Dc 14°19'26"
T 117.45'	T 257.07'
L 228.48'	L 456.96'
R 400.00'	R 400.00'

Not For Construction

Plot Scale - 1:200

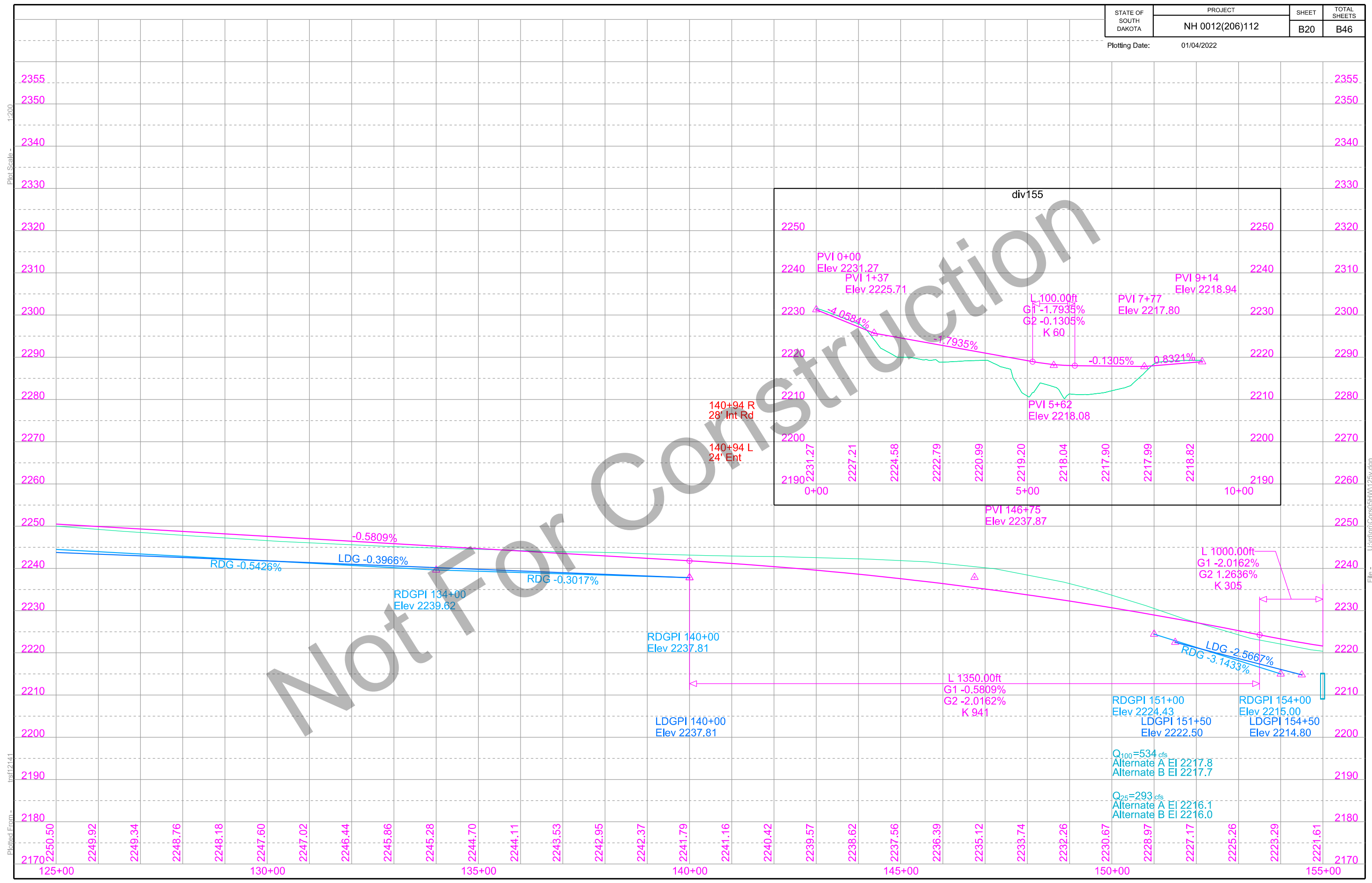
Plotted From - trsf12141

File - U:\traj\Cons05HW125.dgn

Parcel A15
142+75 to 157+65 L
Temporary Easement containing
0.6 ac, more or less

Parcel A16
145+00 to 157+65 L
Temporary Easement containing
1.1 ac, more or less

Plotting Date: 01/04/2022



Plot Scale - 1:200

Plotted From - trs1212141

File - U:\traj\Cons05\HW125v.dgn

Not For Construction

162+56
Take Out 18"-103' RCP
(Incidental Work, Grading)

162+56 (54 ac)
Install 42"-104' RCP Arch
& 2 Flared Ends

169+42
Take Out 18"-72' RCP
(Incidental Work, Grading)

169+42 (12 ac)
Install 30"-100' RCP Arch
& 2 Sloped Ends

178+22
Take Out 18"-72' RCP
(Incidental Work, Grading)

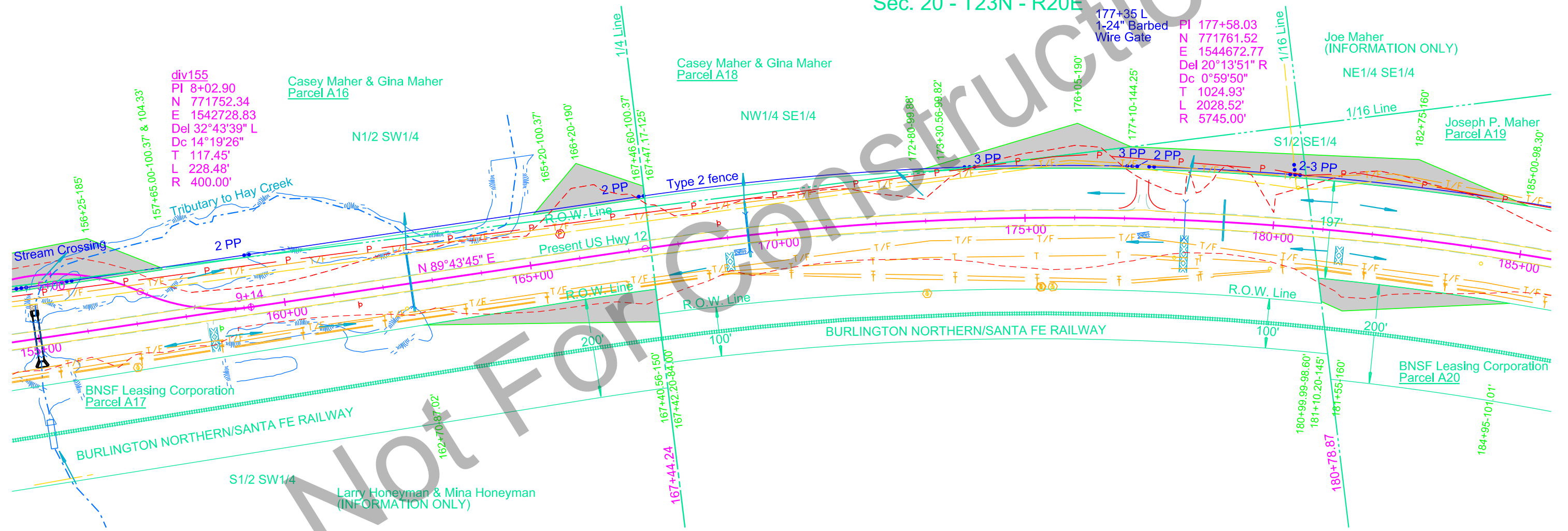
179+00 (4 ac)
Install 24"-70' RCP
& 2 Sloped Ends

STATE OF SOUTH DAKOTA	PROJECT NH 0012(206)112	SHEET B21	TOTAL SHEETS B46
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Plotting Date: 01/04/2022 Rev 05/26/2021 BFD



Sec. 20 - T23N - R20E



div155
PI 8+02.90
N 771752.34
E 1542728.83
Del 32°43'39" L
Dc 14°19'26"
T 117.45'
L 228.48'
R 400.00'

177+35 L
1-24" Barbed
Wire Gate
PI 177+58.03
N 771761.52
E 1544672.77
Del 20°13'51" R
Dc 0°59'50"
T 1024.93'
L 2028.52'
R 5745.00'

Parcel A16
165+20 to 167+47.17 L
Temporary Easement containing
0.3 ac, more or less

Parcel A17
162+70 to 167+42.20 R
Temporary Easement containing
0.4 ac, more or less

Parcel A18
172+80 to 177+10 L
Temporary Easement containing
0.3 ac, more or less

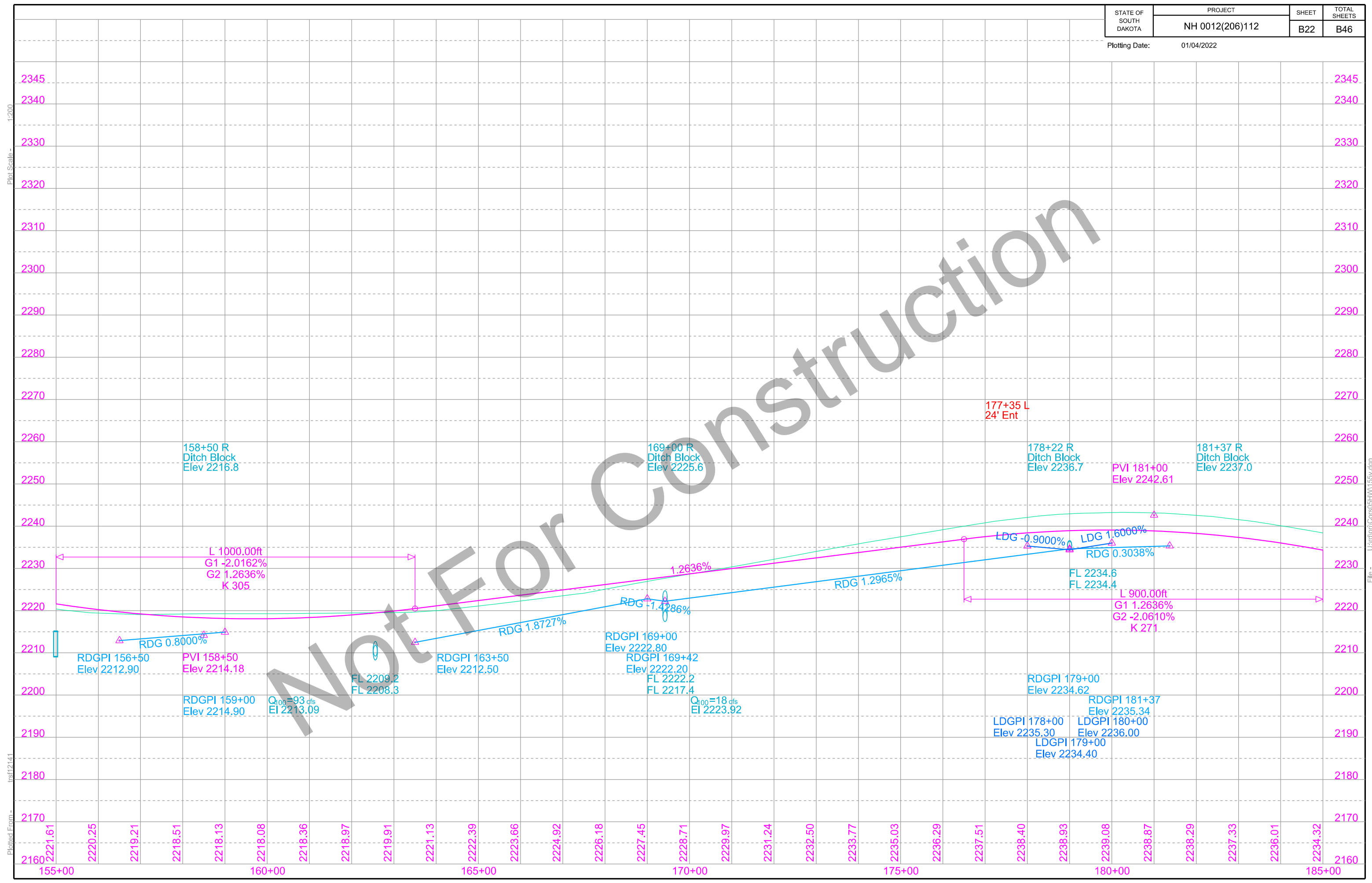
Parcel A19
173+30.56 to 185+00 L
Temporary Easement containing
1.0 ac, more or less

Parcel A20
180+99.99 to 184+95 R
Temporary Easement containing
0.3 ac, more or less

Plot Scale - 1:200

Plotted From - trs112141

File - U:\traj\Cons05\HW155.dgn



Plot Scale - 1:200

Plotted From - Irs12141

File - U:\trajp\Cons05\HW155v.dgn

191+20
Take Out 102"-114' CM Plate Pipe
(Incidental Work, Grading)

191+52 (732 ac)
Install 108"-132' RCP
Skewed 30° RHF
& 2 End Sections

203+18
Take Out 18"-100' RCP
(Incidental Work, Grading)

203+18 (1 ac)
Install 24"-84' RCP
& 2 Sloped Ends

Deep Pipe Site 1
Alternate A
212+57
Remove 18"-194' CMP

Deep Pipe Site 1
Alternate B
212+42 (84 ac)
Bore and Jack 54"-136' Steel Pipe
Install 54"-26' RCP (CL3) L
Install 54"-20' RCP (CL3) R
& 1 RCP to Steel Pipe Transition
& 1 Steel Pipe to RCP Transition
& 2 Flared Ends

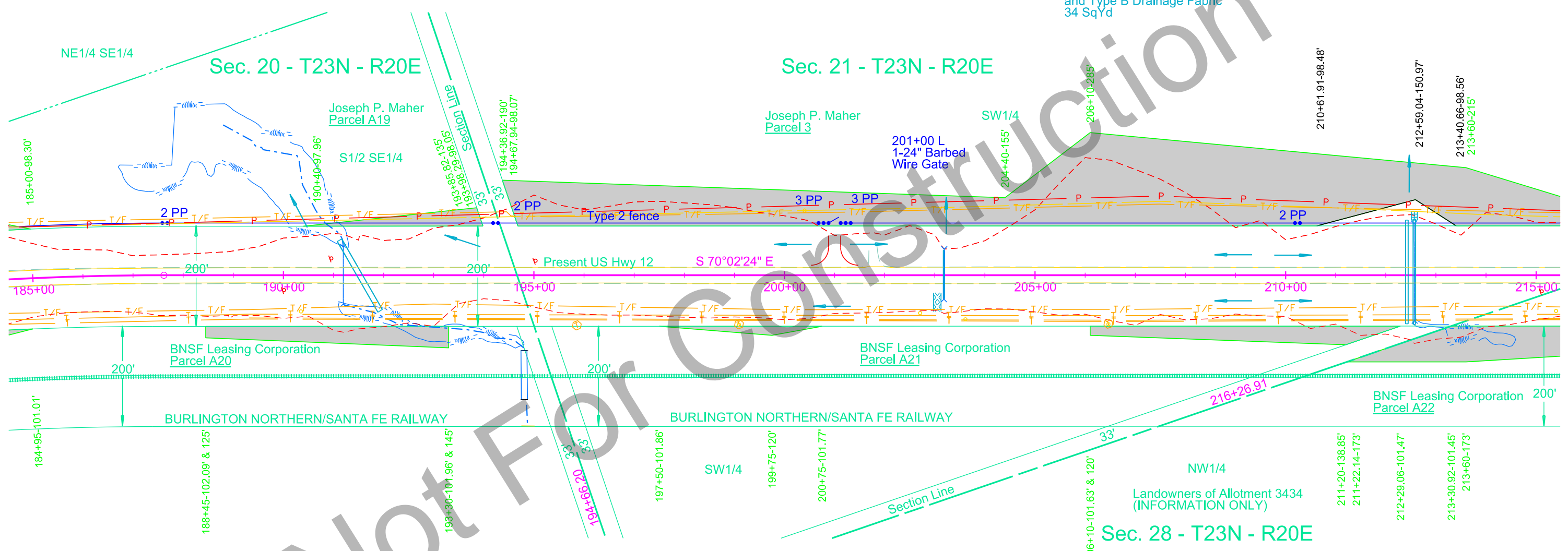
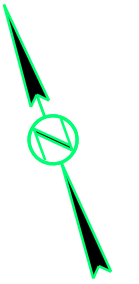
Deep Pipe Site 1
Alternate B
212+42
Plug 18"-194' CMP
(12.7 CY Cellular Grout)

Deep Pipe Site 1
Alternate A
212+57 (84 ac)
Install 54"-192' RCP
(CL3-38', CL4-28', CL5-66',
CL4-26', CL3-34')
& 2 Flared Ends

Deep Pipe Site 1
Alternate A
212+57 L
Install Bank and Channel
Protection Gabions (12.0 Cu Yd)
and Type B Drainage Fabric
34 SqYd

STATE OF SOUTH DAKOTA	PROJECT NH 0012(206)112	SHEET B23	TOTAL SHEETS B46
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Plotting Date: 01/04/2022



Parcel A19
190+40 to 193+98.29 L
Temporary Easement containing
0.2 ac, more or less

Parcel A20
188+45 to 193+30 R
Temporary Easement containing
0.4 ac, more or less

Parcel 3
194+36.92 to 217+40 L
Temporary Easement containing
5.1 ac, more or less

Parcel A21
197+50 to 200+75 R
Temporary Easement containing
0.1 ac, more or less

Parcel A21
206+10 to 212+29.06 R
Temporary Easement containing
0.4 ac, more or less

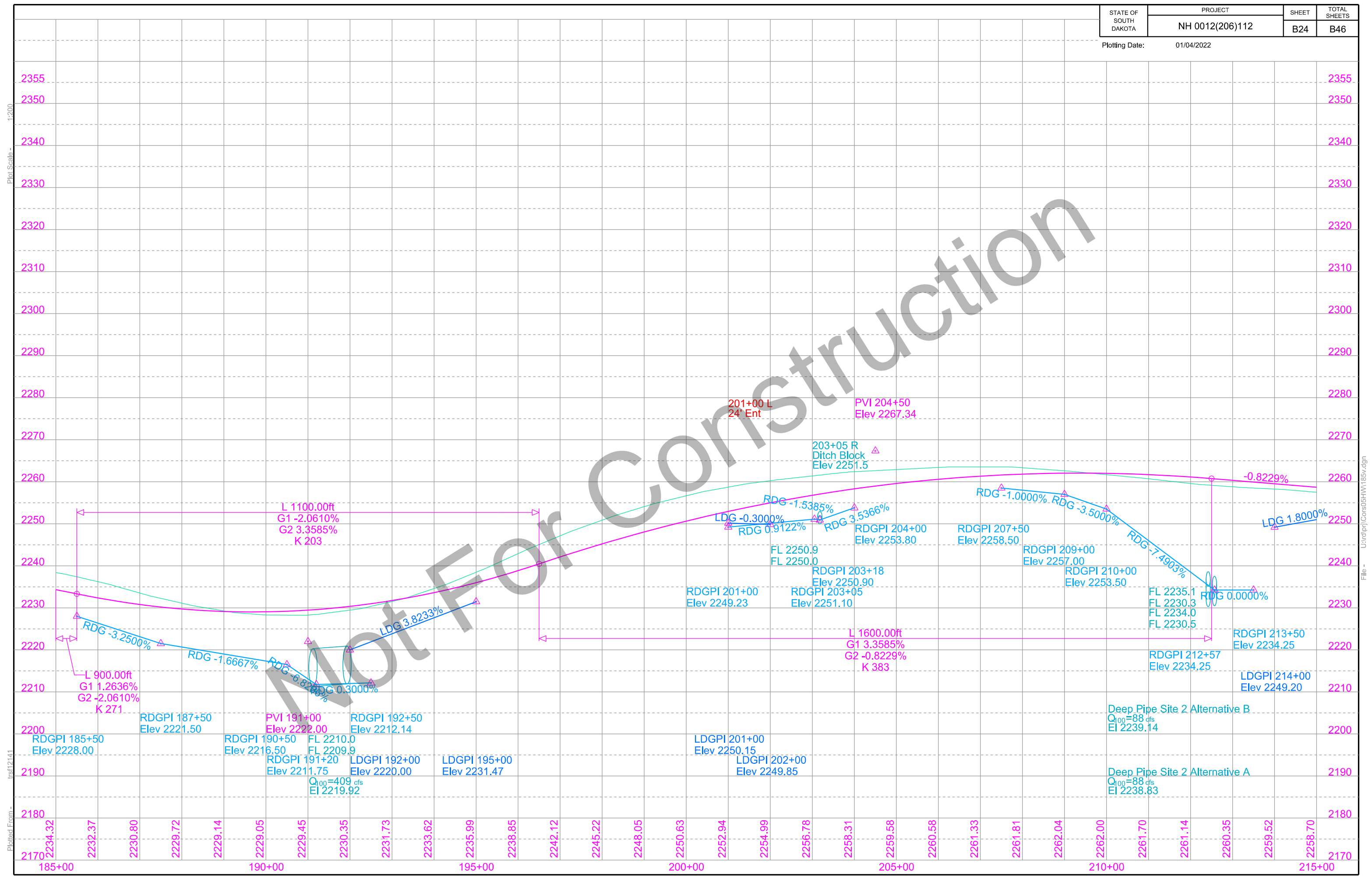
Parcel A22
211+22.14 to 220+95 R
Temporary Easement containing
1.0 ac, more or less

Plot Scale - 1:200

Plotted From - trs12141

File - U:\traj\Cons05\HW185.dgn

Plotting Date: 01/04/2022



Plot Scale - 1:200

Plotted From - Irs1212141

File - U:\traj\Cons05\HW185v.dgn

227+75
Take Out 18"-85' RCP
(Incidental Work, Grading)

227+75 (5 ac)
Install 24"-78' RCP
& 2 Sloped Ends

233+17
Take Out Twin 54"-65' RCP
(Incidental Work, Grading)

233+17 (6.66 sq mi)
Site 2
Alternate A
Install 6'x6'-108' 6" Box Culvert (CIP)
& 2 Non-monolithic Aprons
at the inlet and outlet
Alternate B
Install 6'x6'-108' Box Culvert (Precast)
(See Section E)

Deep Pipe Site 2
Alternate A
236+10
Remove 18"-167' RCP

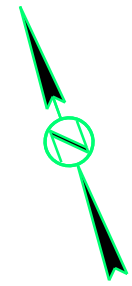
Deep Pipe Site 2
Alternate B
235+95 (5 ac)
Bore and Jack 24" - 130' Steel Pipe
Install 24" - 44' RCP (CL3) L
Install 24" - 22' RCP (CL2) R
Skewed 6° RHF
& 1 RCP to Steel Pipe Transition
& 1 Steel Pipe to RCP Transition
& 2 Sloped Ends

Deep Pipe Site 2
Alternate A
236+10 (5 ac)
Install 24" - 204' RCP
(CL3-50', CL4-30', CL5-40', CL4-30', CL3-40')
Skewed 6° RHF
& 2 Sloped Ends

Deep Pipe Site 2
Alternate B
236+10
Plug 18"-167' RCP
(43.7 CuYd Cellular Grout)

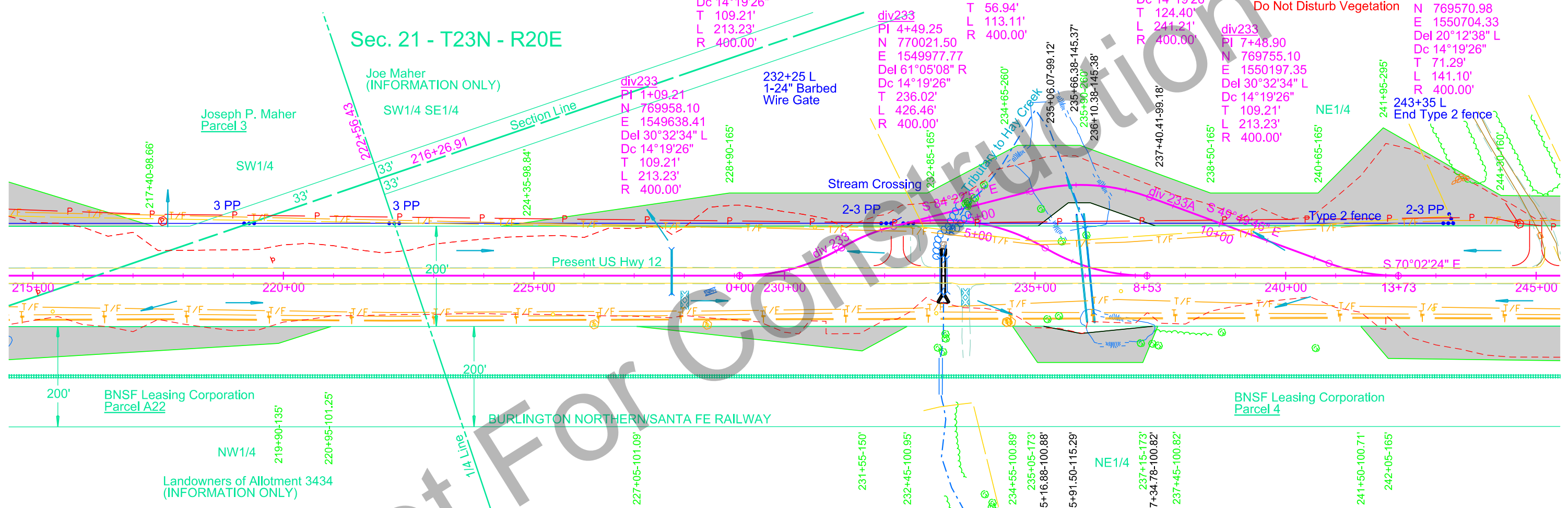
STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	NH 0012(206)112	B25	B46

Plotting Date: 01/04/2022 Rev 06/07/2021 BFD



Sec. 21 - T23N - R20E

Sec. 28 - T23N - R20E



div233A
PI 1+09.21
N 769958.10
E 1549638.41
Del 30°32'34" L
Dc 14°19'26"
T 109.21'
L 213.23'
R 400.00'

div233
PI 4+49.25
N 770021.50
E 1549977.77
Del 61°05'08" R
Dc 14°19'26"
L 426.46'
R 400.00'

div233A
PI 2+70.16
N 769988.61
E 1549801.73
Del 16°12'07" R
Dc 14°19'26"
T 56.94'
L 113.11'
R 400.00'

div233A
PI 7+33.32
N 769943.19
E 1550263.42
Del 34°33'05" R
Dc 14°19'26"
T 124.40'
L 241.21'
R 400.00'

div233
PI 7+48.90
N 769755.10
E 1550197.35
Del 30°32'34" L
Dc 14°19'26"
T 109.21'
L 213.23'
R 400.00'

div233A
PI 13+02.75
N 769570.98
E 1550704.33
Del 20°12'38" L
Dc 14°19'26"
T 71.29'
L 141.10'
R 400.00'

Parcel 4
224+35 to 249+78.74 L
Temporary Easement containing
4.5 ac, more or less

Parcel 4
227+05 to 232+45 R
Temporary Easement containing
0.3 ac, more or less

Parcel 4
234+55 to 237+45 R
Temporary Easement containing
0.4 ac, more or less

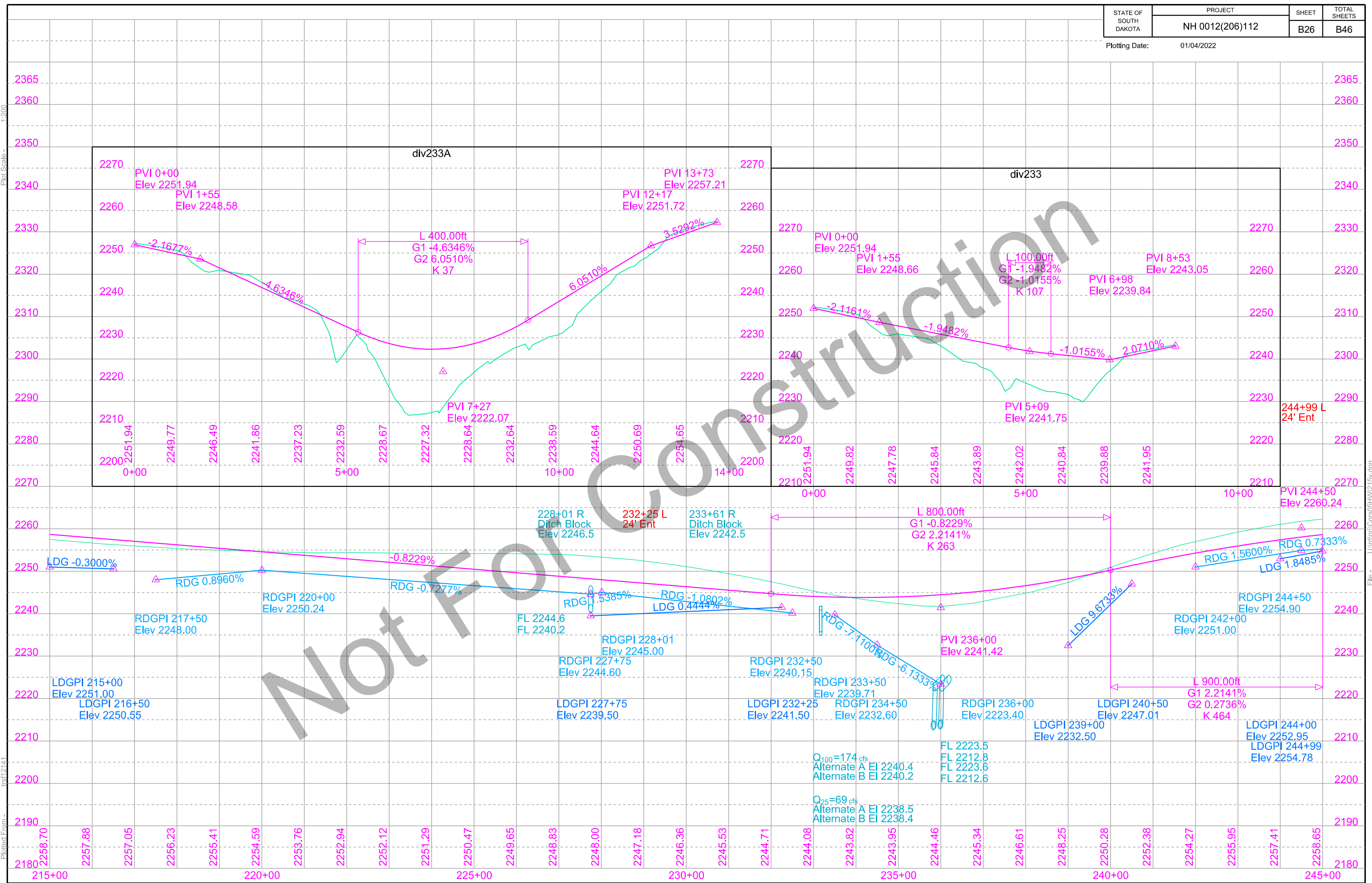
Parcel 4
241+50 to 246+45 R
Temporary Easement containing
0.7 ac, more or less

Plot Scale - 1:200

Plotted From - trs112141

File - U:\traj\Cons05HW215.dgn

Plotting Date: 01/04/2022



Plot Scale - 1:200

Plotted From - Irs12141

File - U:\traj\Cons05\HW215v.dgn

250+24-47' L
Take Out 18"-106' RCP
(Incidental Work, Grading)

250+15-66' L
Install 24"-124' CMP
& 2 Safety Ends

253+15
Take Out 30"-119' RCP
(Incidental Work, Grading)

253+15 (32 ac)
Install 30"-122' RCP
& 2 Sloped Ends

263+46
Take Out 30"-57' RCP
(Incidental Work, Grading)

263+46 (36 ac)
Install 30"-88' RCP
& 2 Sloped Ends

267+69
Take Out 24"-63' RCP
(Incidental Work, Grading)

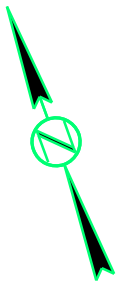
267+69 (30 ac)
Install 30"-100' RCP
& 2 Sloped Ends

267+69 R
Install Bank and Channel
Protection Gabions (6.0 CuYd)
and Type B Drainage Fabric
(19 SqYd)

STATE OF SOUTH DAKOTA	PROJECT NH 0012(206)112	SHEET B27	TOTAL SHEETS B46
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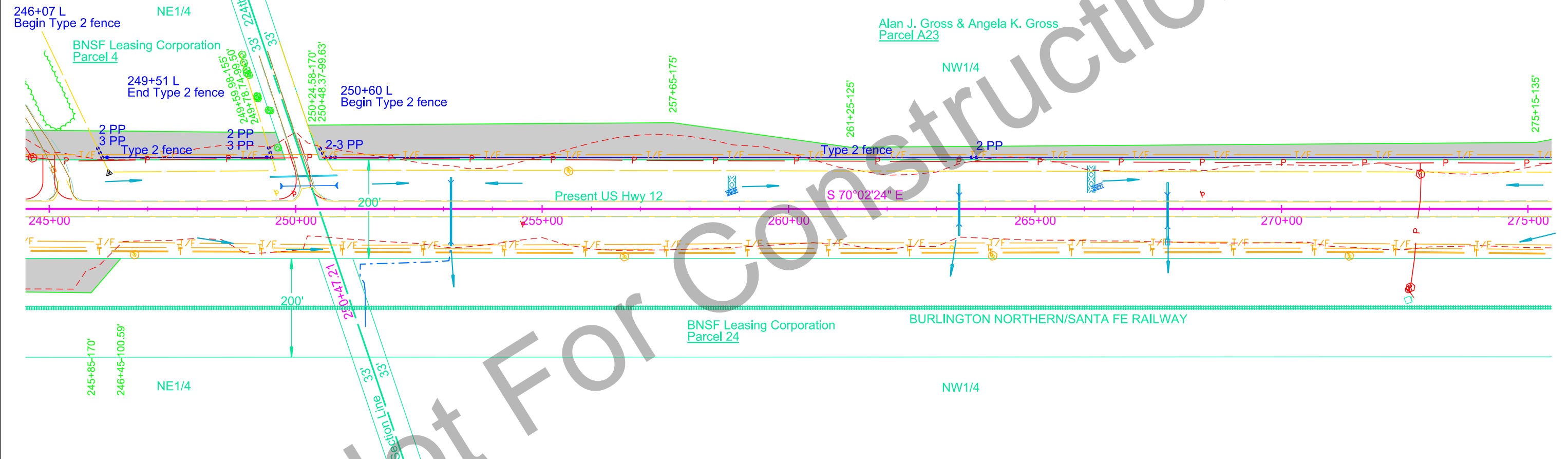
Plotting Date: 01/04/2022 Rev 06/07/2021 BFD

Refurbish mailbox
at the following location:
245+56 L (single)



Sec. 28 - T23N - R20E

Sec. 27 - T23N - R20E



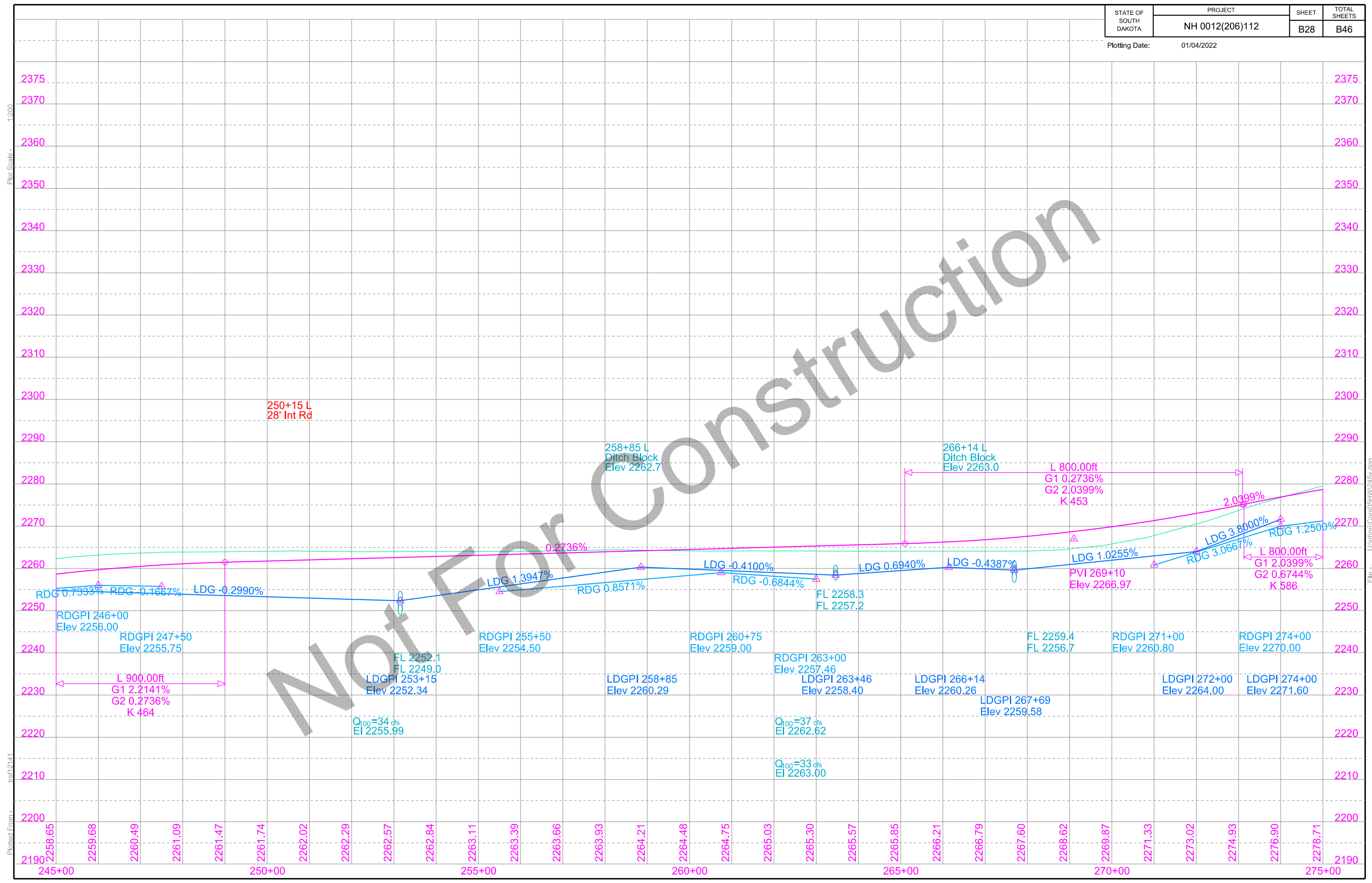
Plot Scale - 1:200

Plotted From - trs112141

File - U:\traj\proj\Cons05\HW245.dgn

Parcel A23
250+24.58 to 277+96.42 L
Temporary Easement containing
3.0 ac, more or less

Plotting Date: 01/04/2022



File - U:\trajp\Cons05\HW245v.dgn

276+94-49' R
Take Out 18"-80' RCP
(Incidental Work, Grading)

276+90-42' L
Take Out 18"-74' RCP
(Incidental Work, Grading)

276+91-50' L (3 ac)
Install 18"-76' CMP
& 2 Safety Ends

276+98-65' R (2 ac)
Install 18"-96' CMP
& 2 Safety Ends

284+19
Take Out 24"-75' RCP
(Incidental Work, Grading)

284+19 (5 ac)
Install 24"-78' RCP
& 2 Sloped Ends

STATE OF SOUTH DAKOTA	PROJECT NH 0012(206)112	SHEET B29	TOTAL SHEETS B46
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Plotting Date: 01/04/2022

Plot Scale - 1:200

Plotted From - trs112141

File - U:\traj\Cons05\HW275.dgn

Sec. 27 - T23N - R20E

Alan J. Gross & Angela K. Gross
Parcel A25

Alan J. Gross & Angela K. Gross
Parcel A23

276+91 L
1-28" Barbed
Wire Gate

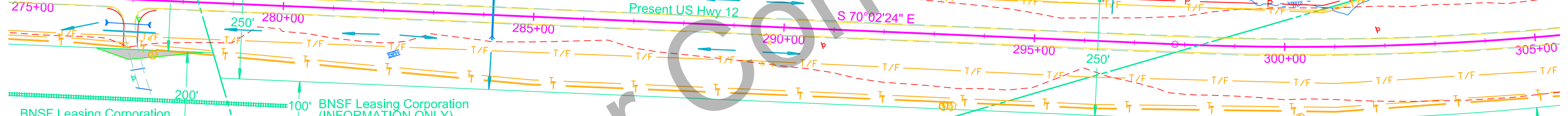
301+98 L
End Type 2 fence

Type 2 fence 3 PP

Present US Hwy 12

Type 2 fence

2-3 PP
298+30.24



BNSF Leasing Corporation
Parcel A24

BNSF Leasing Corporation
(INFORMATION ONLY)

BURLINGTON NORTHERN/SANTA FE RAILWAY

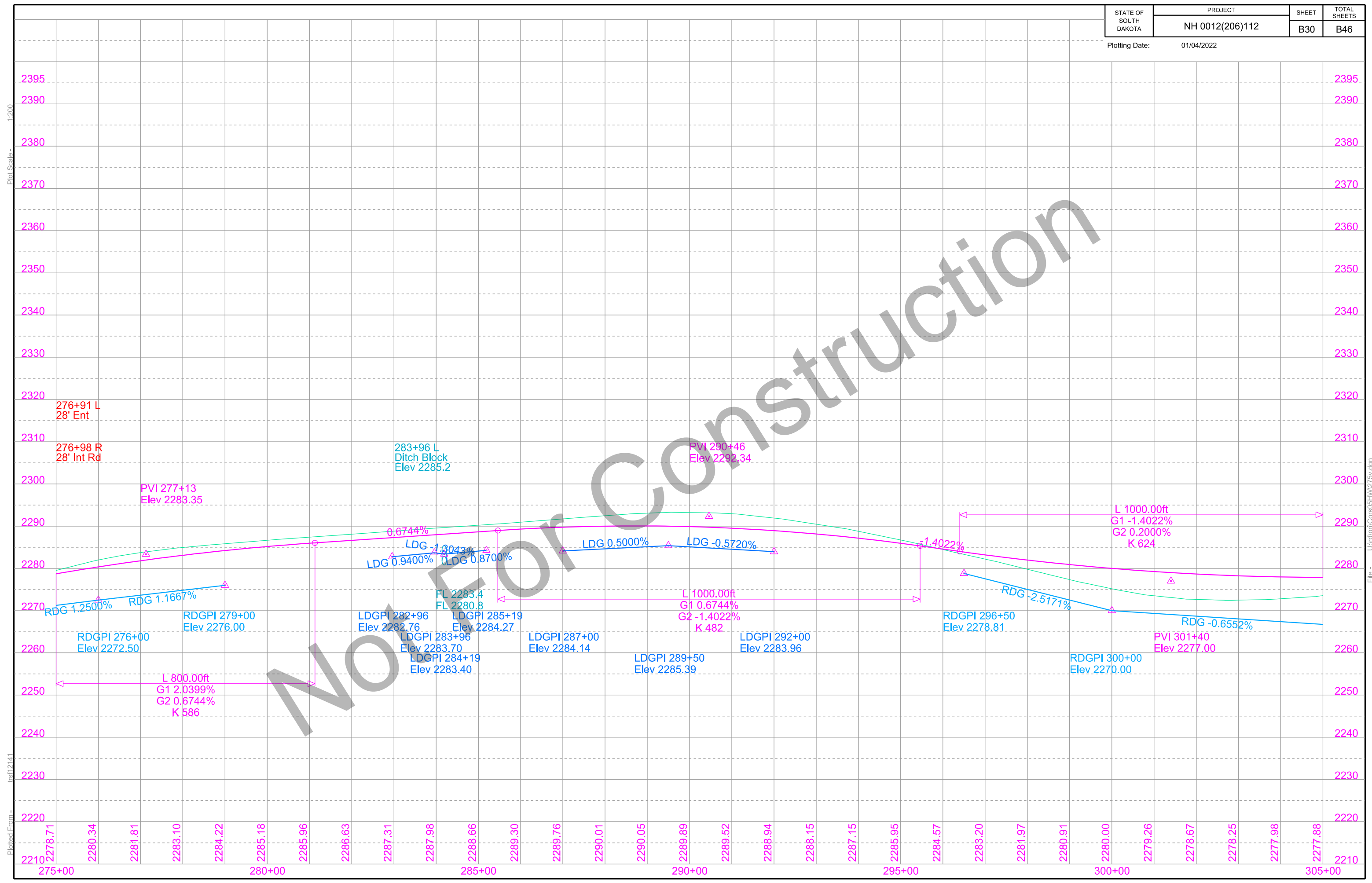
BNSF Leasing Corporation
(INFORMATION ONLY)

Not For Construction

Parcel A24
276+30 to 278+45 R
Temporary Easement containing
0.1 ac, more or less

Parcel A25
277+69.46 to 292+00 L
Temporary Easement containing
1.6 ac, more or less





Plot Scale - 1:200

Plotted From - trs12141

File - U:\traj\Cons05\HW275v.dgn

306+12
Take Out 24"-91' RCP
(Incidental Work, Grading)

306+12 (60 ac)
Install 42"-120' RCP
& 2 Sloped Ends

306+12 L
Install Bank and Channel
Protection Gabions (10.0 CuYd)
and Type B Drainage Fabric
(29 SqYd)

321+81
Take Out 72"-97' RCP
(Incidental Work, Grading)

321+94 (182 ac)
Install 72"-120' RCP
Skewed 25° RHF
& 2 Flared Ends

STATE OF SOUTH DAKOTA	PROJECT NH 0012(206)112	SHEET B31	TOTAL SHEETS B46
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Plotting Date: 01/04/2022

Sec. 26 - T23N - R20E

Alan J. Gross & Angela K. Gross
(INFORMATION ONLY)

Alan J. Gross & Angela K. Gross
Parcel A28

Frank D. Mollman & Lois Y. Mollman
Parcel A26

BNSF Leasing Corporation
Parcel A27

Frank D. Mollman & Lois Y. Mollman
(INFORMATION ONLY)

PI 311+95.50
N 767167.16
E 1557323.13
Del 27°38'33" L
Dc 0°59'47"
T 1414.60'
L 2774.11'
R 5750.00'

322+31 R
Do Not Disturb
Pipe

Not For Construction

Parcel A26
307+45 to 314+95 L
Temporary Easement containing
0.5 ac, more or less

Parcel A26
320+60 to 326+70 L
Temporary Easement containing
0.9 ac, more or less

Parcel A27
310+85 to 314+80 R
Temporary Easement containing
0.1 ac, more or less

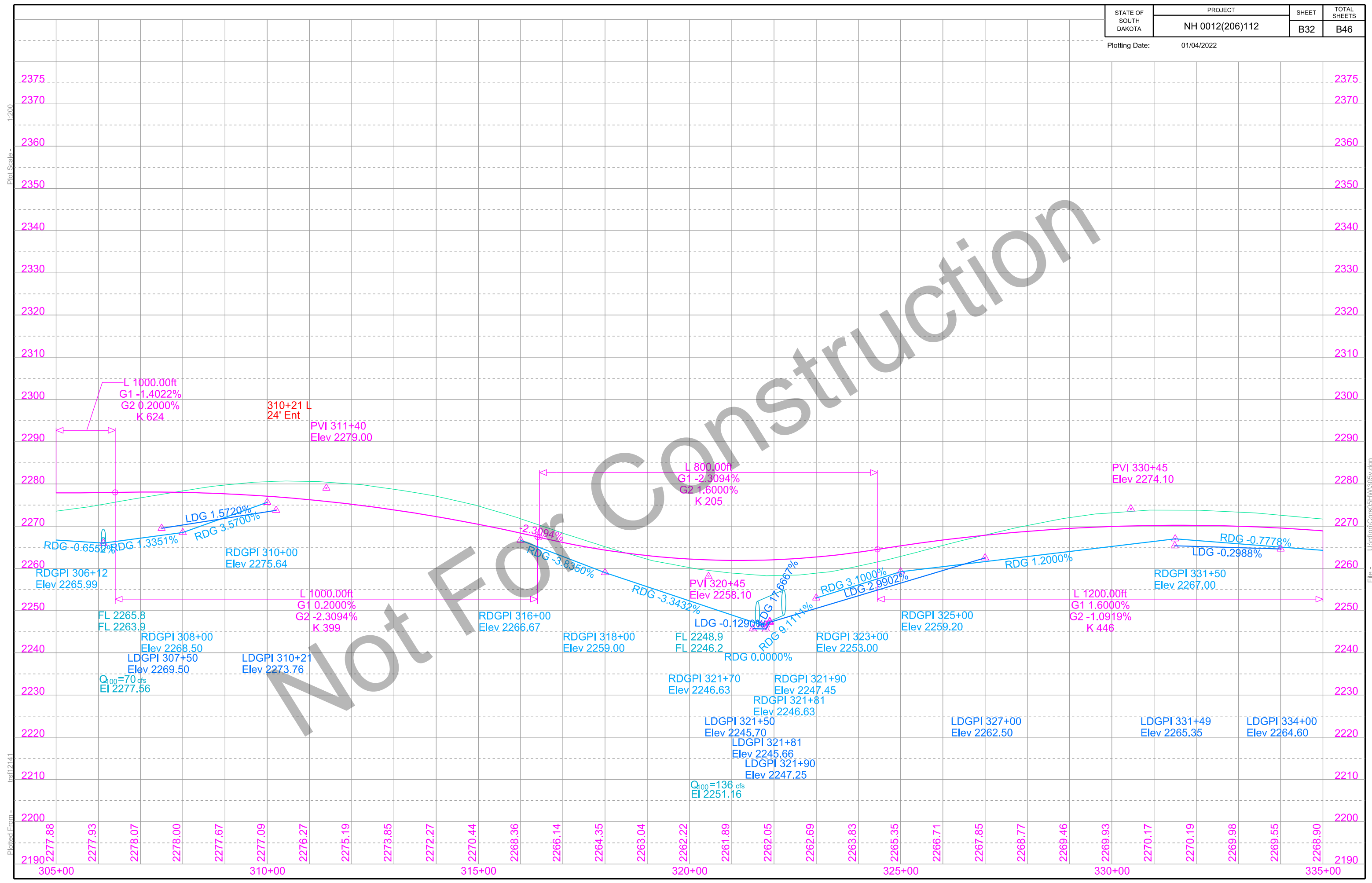
Parcel A27
319+65 to 330+75 R
Temporary Easement containing
0.5 ac, more or less

Plot Scale - 1:200

Plotted From - trs112141

File - U:\traj\Cons05HW305.dgn

Plotting Date: 01/04/2022



Plot Scale - 1:200

Plotted From - Irs12141

File - U:\trajp\Cons05\HW305v.dgn

335+67
Take Out 18"-73' RCP
(Incidental Work, Grading)

344+38
Take Out 42"-69' RCP
(Incidental Work, Grading)

364+12-60' R
Take Out 18"-82' RCP
(Incidental Work, Grading)

364+12-58' R (3 ac)
Install 18"-86' CMP
& 2 Safety Ends

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	NH 0012(206)112	B33	B46

Plotting Date: 01/04/2022

Plot Scale - 1:200

Plotted From - trs112141

File - U:\traj\Cons05\HW335.dgn

Sec. 26 - T23N - R20E

Sec. 25 - T23N - R20E

Alan J. Gross & Angela K. Gross
Parcel A28

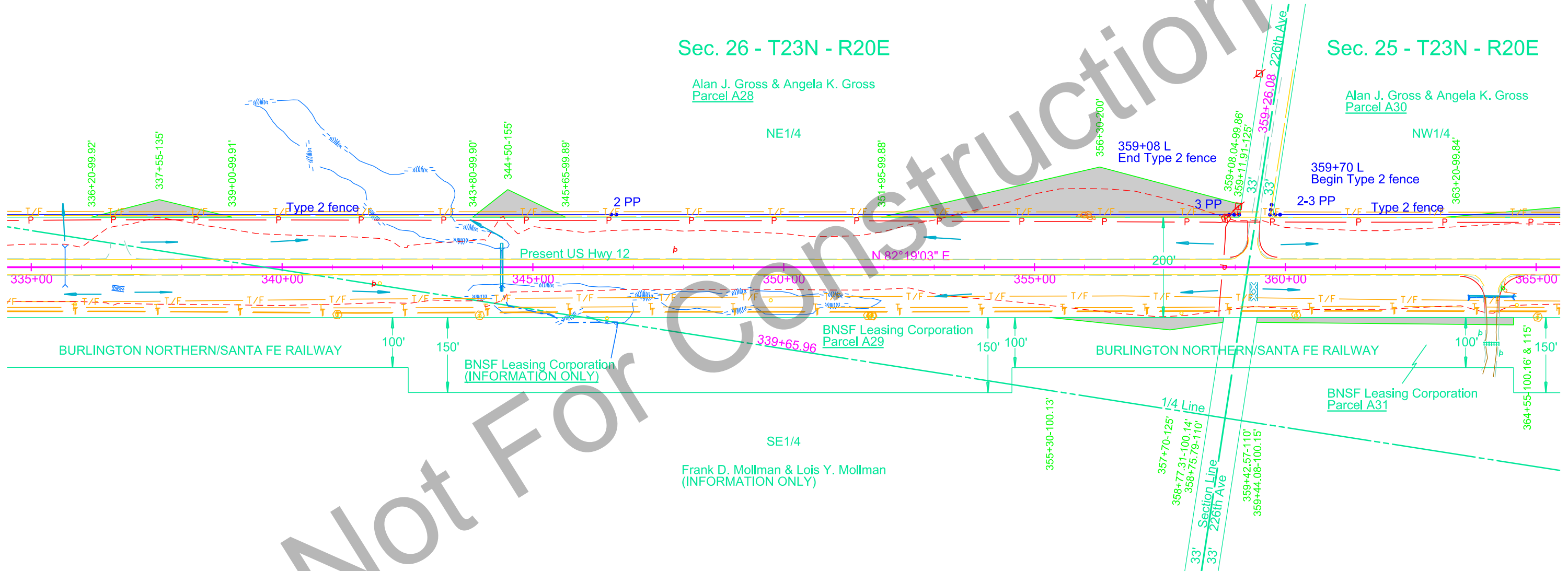
Alan J. Gross & Angela K. Gross
Parcel A30

NE1/4

NW1/4

SE1/4

Frank D. Mollman & Lois Y. Mollman
(INFORMATION ONLY)



Parcel A28
336+20 to 339+00 L
Temporary Easement containing
0.1 ac, more or less

Parcel A28
343+80 to 345+65 L
Temporary Easement containing
0.1 ac, more or less

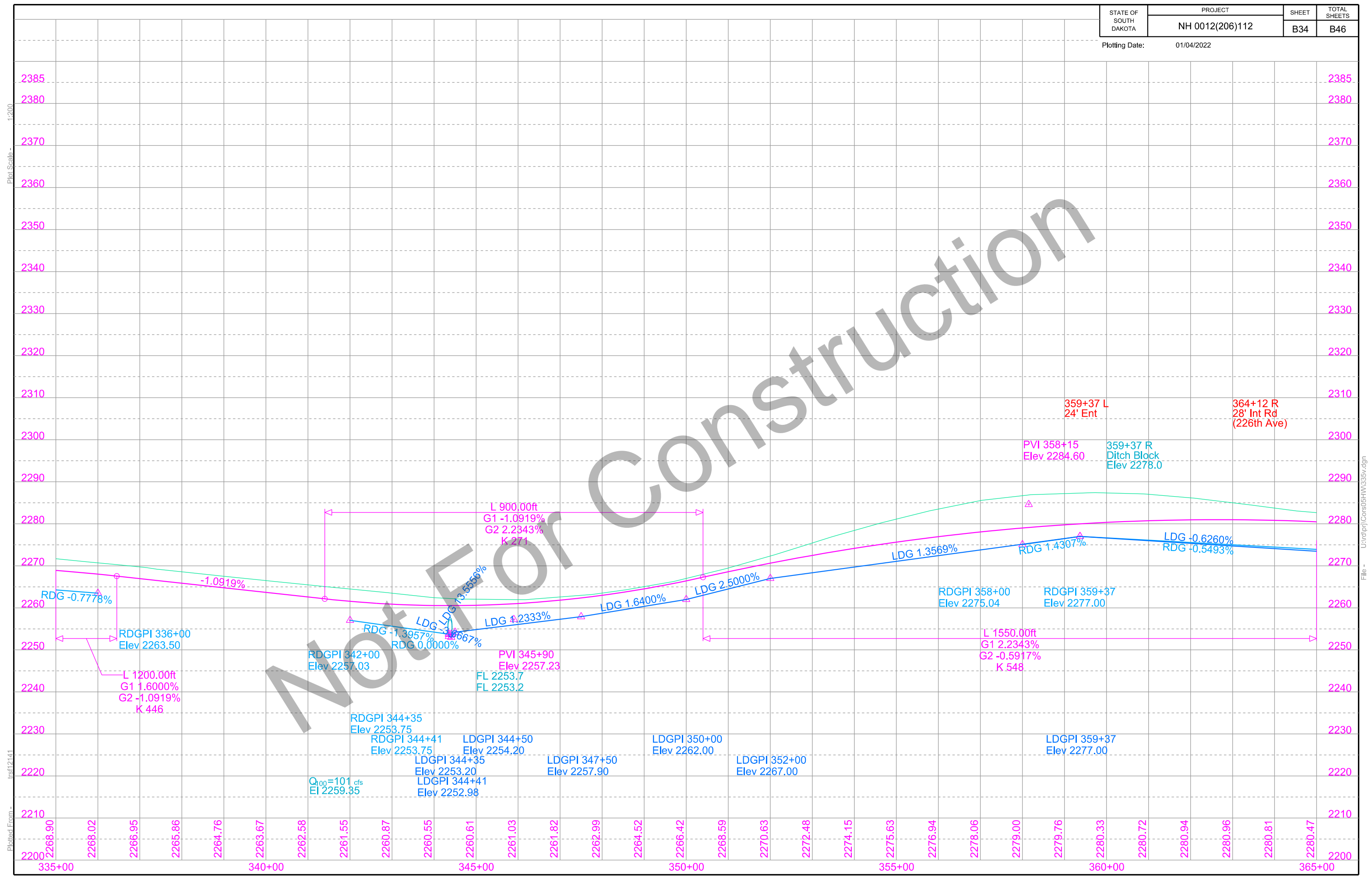
Parcel A28
351+95 to 359+11.91 L
Temporary Easement containing
0.9 ac, more or less

Parcel A29
355+30 to 358+77.31 R
Temporary Easement containing
0.1 ac, more or less

Parcel A30
363+20 to 381+25 L
Temporary Easement containing
1.0 ac, more or less

Parcel A31
359+42.57 to 364+55 R
Temporary Easement containing
0.1 ac, more or less

Not For Construction



Plot Scale - 1:200

Plotted From - Irs12141

File - U:\traj\Cons05\HW335v.dgn

371+52
Take Out Twin 42"-59' RCP
(Incidental Work, Grading)

371+61 (286 ac)
Install Twin 42"-84' RCP
Skewed 10° LHF
(Spaced 7.3' C to C)
& 4 Flared Ends

384+55
Take Out 18"-87' RCP
(Incidental Work, Grading)

384+55 (33 ac)
Install 36"-94' RCP Arch
& 2 Flared Ends

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	NH 0012(206)112	B35	B46

Plotting Date: 01/04/2022



Sec. 25 - T23N - R20E

Alan J. Gross & Angela K. Gross
Parcel A30

Alan J. Gross & Angela K. Gross
Parcel A32

NW1/4

NE1/4

Present US Hwy 12

BURLINGTON NORTHERN/SANTA FE RAILWAY

BNSF Leasing Corporation
(INFORMATION ONLY)

BURLINGTON NORTHERN/
SANTA FE RAILWAY

NW1/4

NE1/4

Not For Construction

Parcel A31
384+40 to 385+80.61 R
Temporary Easement containing
0.1 ac, more or less

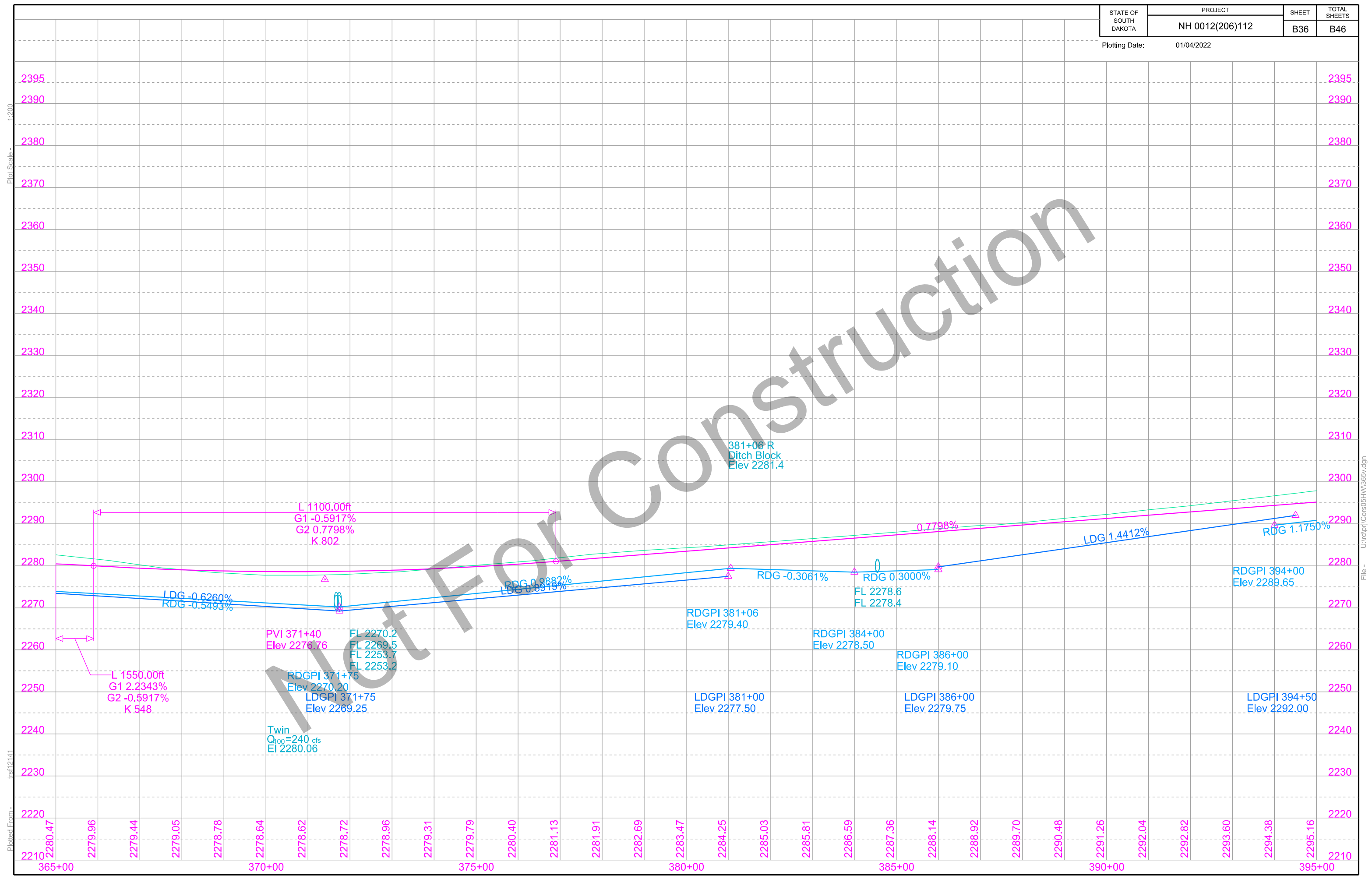
Parcel A32
386+45 to 411+85.79 L
Temporary Easement containing
3.8 ac, more or less

Plot Scale - 1:200

Plotted From - trs1212141

File - U:\traj\Cons05\HW365.dgn

Plotting Date: 01/04/2022



Plot Scale - 1:200

Plotted From - trs1212141

File - U:\traj\Cons05\HW365v.dgn

397+05
Take Out 30"-75' RCP
(Incidental Work, Grading)

397+20 (34 ac)
Install 36"-84' RCP Arch
Skewed 20° RHF
& 2 Flared Ends

400+44-43' L
Take Out 18"-72' RCP
(Incidental Work, Grading)

400+30-50' L (2 ac)
Install 18"-74' CMP
& 2 Safety Ends

418+01
Take Out 24"-66' RCP
(Incidental Work, Grading)

419+18-67' R (55 ac)
Install 30"-82' CMP
& 2 Safety Ends

419+18-99' R
Take Out 24"-62' CMP
(Incidental Work, Grading)

419+69 (50 ac)
Install 36"-100' RCP
Skewed 32° RHF
& 2 Flared Ends

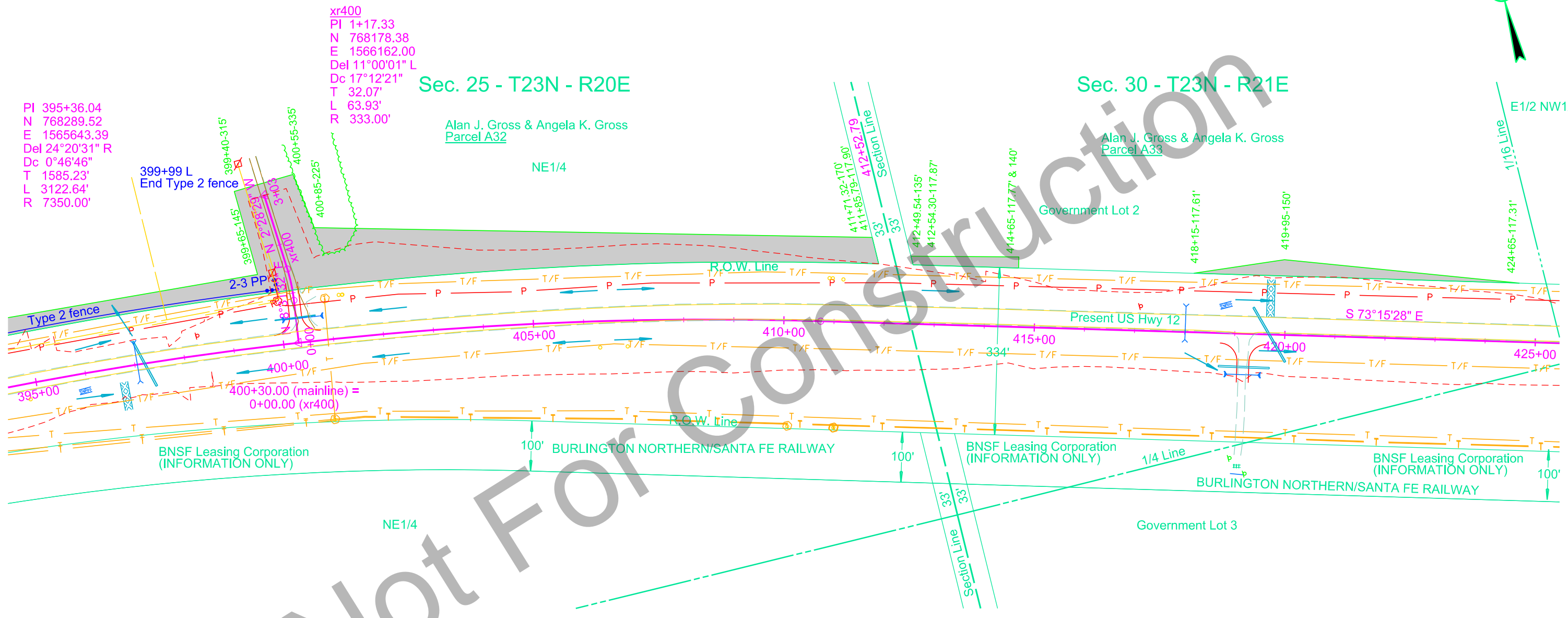
STATE OF SOUTH DAKOTA	PROJECT NH 0012(206)112	SHEET B37	TOTAL SHEETS B46
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Plotting Date: 01/04/2022
Refurbish mailbox
at the following location:
400+87 L (single)

Plot Scale - 1:200

Plotted From - trs12141

File - U:\traj\Cons05\HW395.dgn



PI 395+36.04
N 768289.52
E 1565643.39
Del 24°20'31" R
Dc 0°46'46"
T 1585.23'
L 3122.64'
R 7350.00'

xr400
PI 1+17.33
N 768178.38
E 1566162.00
Del 11°00'01" L
Dc 17°12'21"
T 32.07'
L 63.93'
R 333.00'

Sec. 25 - T23N - R20E

Sec. 30 - T23N - R21E

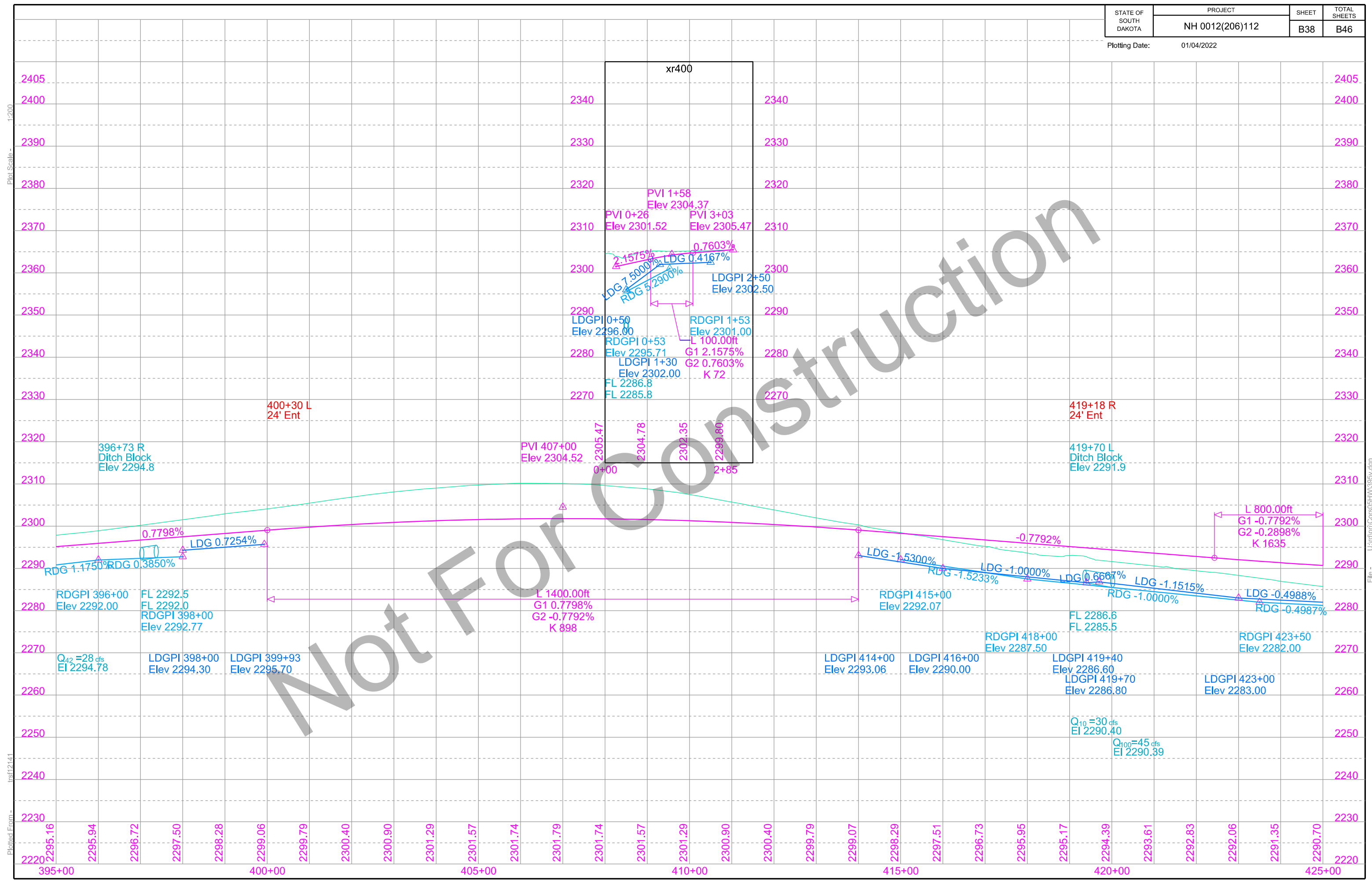
Alan J. Gross & Angela K. Gross
Parcel A32

Alan J. Gross & Angela K. Gross
Parcel A33

Parcel A33
412+49.54 to 414+65 L
Temporary Easement containing
0.1 ac, more or less

Parcel A33
418+15 to 424+65 L
Temporary Easement containing
0.2 ac, more or less





Plot Scale - 1:200

Plotted From - Irs12141

File - U:\traj\Cons05\HW395v.dgn

431+01
Take Out 36"-57' RCP
(Incidental Work, Grading)

431+01 (125 ac)
Install 42"-86' RCP
& 2 Flared Ends

450+00
Take Out 72"-73' RCP
(Incidental Work, Grading)

450+00 (524 ac)
Install 72"-80' RCP
& 2 Flared Ends

450+00 L
Install Bank and Channel
Protection Gabions (21.5 CuYd)
and Type B Drainage Fabric
(57 SqYd)

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	NH 0012(206)112	B39	B46

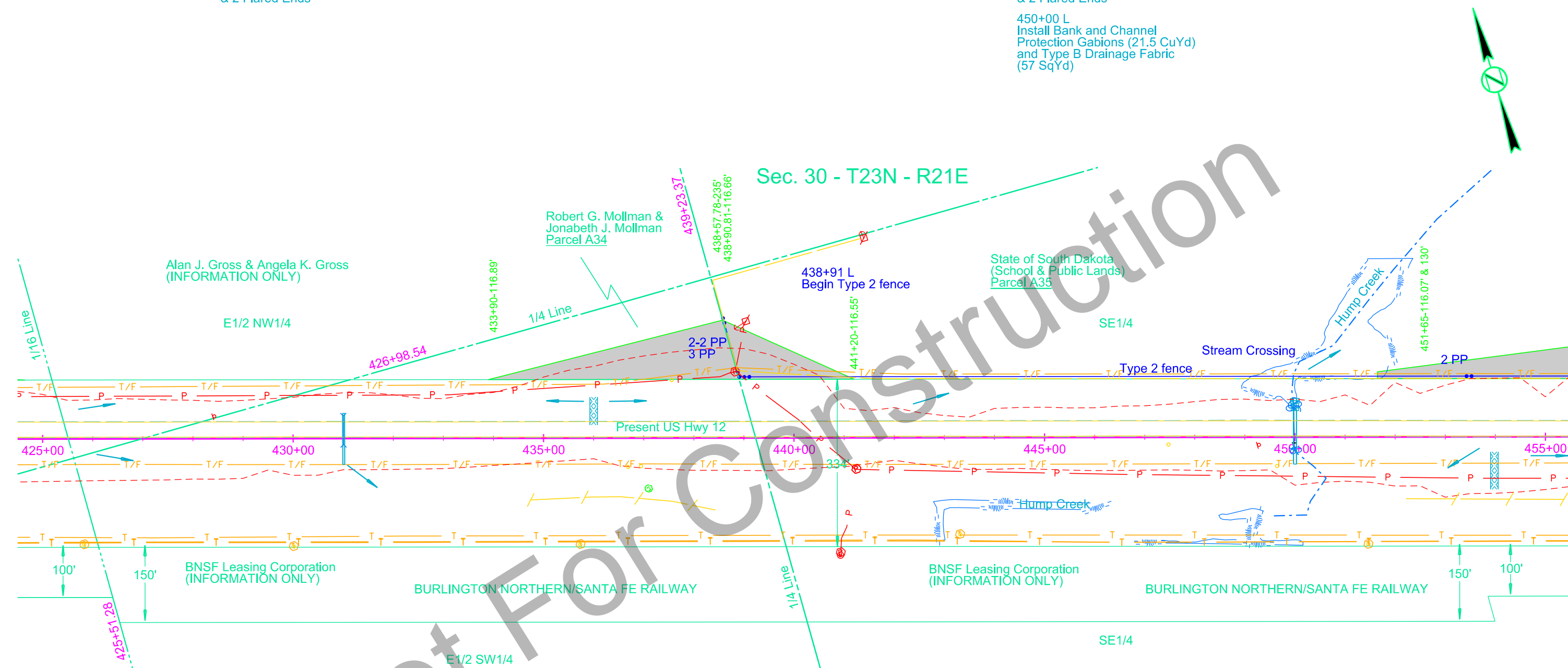
Plotting Date: 01/04/2022

Plot Scale - 1:200

Plotted From - trs112141

File - U:\traj\Cons05\HW425.dgn

Sec. 30 - T23N - R21E



Alan J. Gross & Angela K. Gross
(INFORMATION ONLY)

Robert G. Mollman & Jonabeth J. Mollman
Parcel A34

State of South Dakota
(School & Public Lands)
Parcel A35

BNSF Leasing Corporation
(INFORMATION ONLY)

BURLINGTON NORTHERN/SANTA FE RAILWAY

BNSF Leasing Corporation
(INFORMATION ONLY)

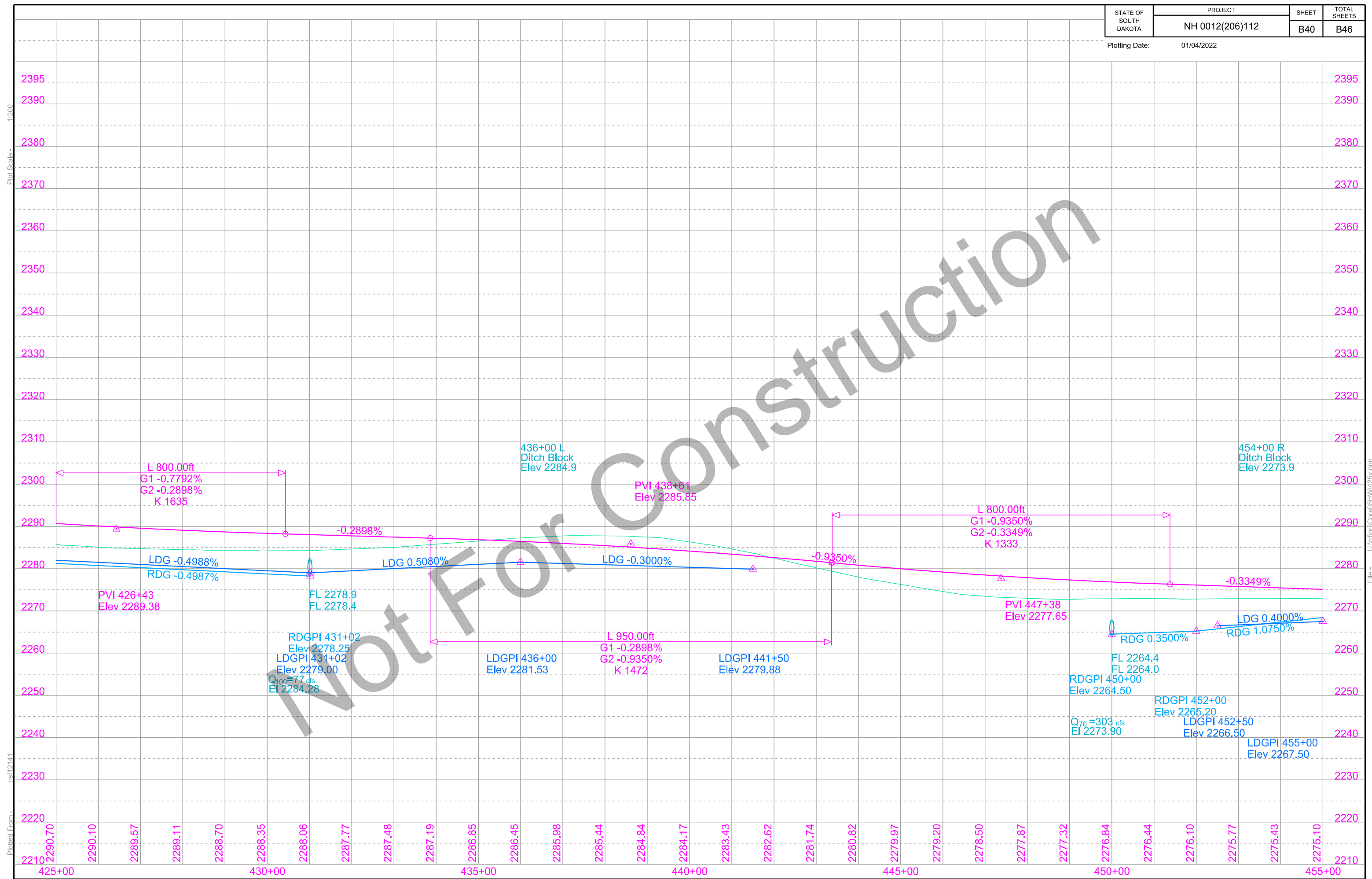
BURLINGTON NORTHERN/SANTA FE RAILWAY

Not For Construction

Parcel A34
433+90 to 438+90.81 L
Temporary Easement containing
0.7 ac, more or less

Parcel A35
438+57.78 to 441+20 L
Temporary Easement containing
0.3 ac, more or less

Parcel A35
451+65 to 466+02.07 L
Temporary Easement containing
2.8 ac, more or less



STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	NH 0012(206)112	B41	B46

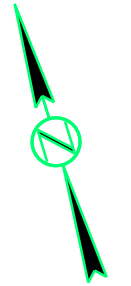
Plotting Date: 01/04/2022

461+39
Take Out 138"-106' CM Plate Pipe
(Incidental Work, Grading)

461+39 (2.41 sq mi)
Site 3
Alternate A
Install 8'x8'-132' 4 3/4" Box Culvert (CIP)
Alternate B
Install 9'x8' 134' Box Culvert (Precast)
(See Section E)

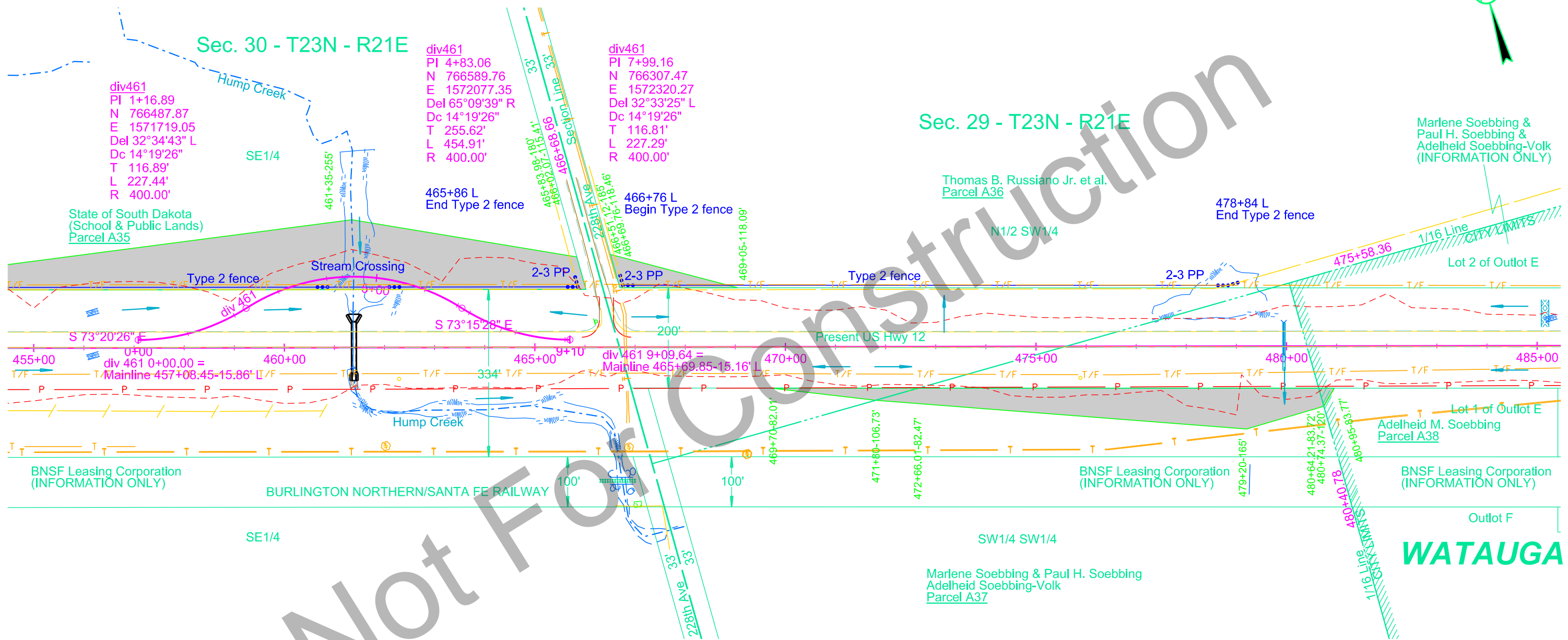
479+95
Take Out 24"-63' RCP
(Incidental Work, Grading)

479+95 (63 ac)
Install 48"-80' RCP Arch
& 2 Flared Ends



Sec. 30 - T23N - R21E

Sec. 29 - T23N - R21E



div461
PI 1+16.89
N 766487.87
E 1571719.05
Del 32°34'43" L
Dc 14°19'26"
T 116.89'
L 227.44'
R 400.00'

div461
PI 4+83.06
N 766589.76
E 1572077.35
Del 65°09'39" R
Dc 14°19'26"
T 255.62'
L 454.91'
R 400.00'

div461
PI 7+99.16
N 766307.47
E 1572320.27
Del 32°33'25" L
Dc 14°19'26"
T 116.81'
L 227.29'
R 400.00'

465+86 L
End Type 2 fence

466+76 L
Begin Type 2 fence

478+84 L
End Type 2 fence

Parcel A36
466+51.12 to 469+05 L
Temporary Easement containing
0.2 ac, more or less

Parcel A36
469+70 to 472+66.01 R
Temporary Easement containing
0.1 ac, more or less

Parcel A37
471+80 to 480+74.37 R
Temporary Easement containing
1.1 ac, more or less

Parcel A38
480+64.21 to 480+95 R
Temporary Easement containing
558 sq ft, more or less

Plot Scale - 1:200

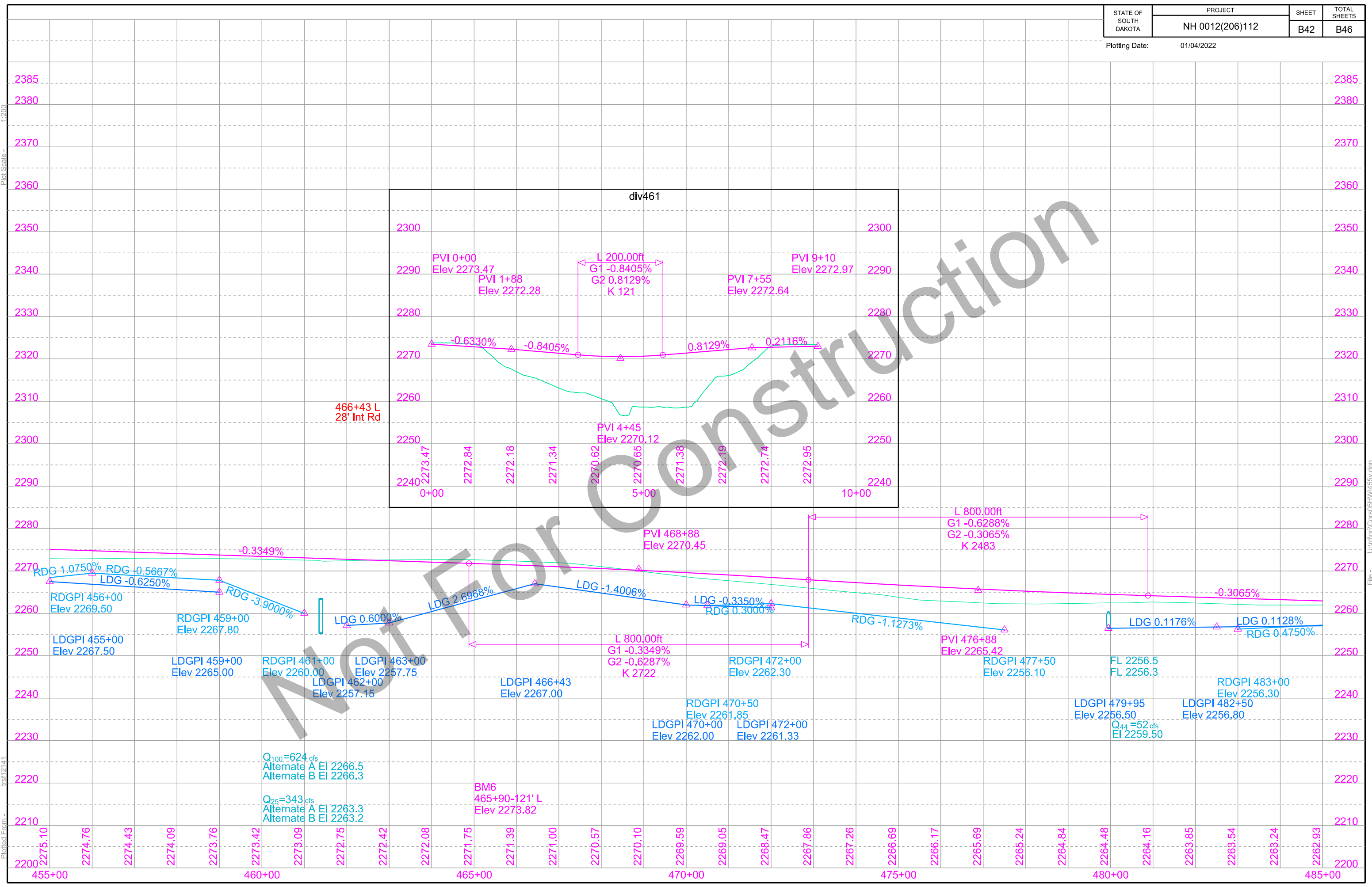
Plotted From - trs112141

File - U:\traj\Cons05\HW455.dgn

Plot Scale - 1:200

Plotted From - trsf12141

File - U:\trst\proj\Cons05\HW455v.dgn



493+00-66' L
Take Out 18"-64' RCP
(Incidental Work, Grading)

493+00-58' L (34 ac)
Install 30"-72' CMP
& 2 Safety Ends

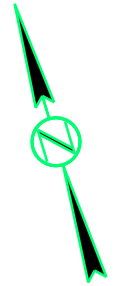
498+71
Take Out 24"-92' RCP
(Incidental Work, Grading)

498+71 (58 ac)
Install 42"-78' RCP Arch
& 2 Flared Ends

498+71
Follow the Standard Plate 120.05

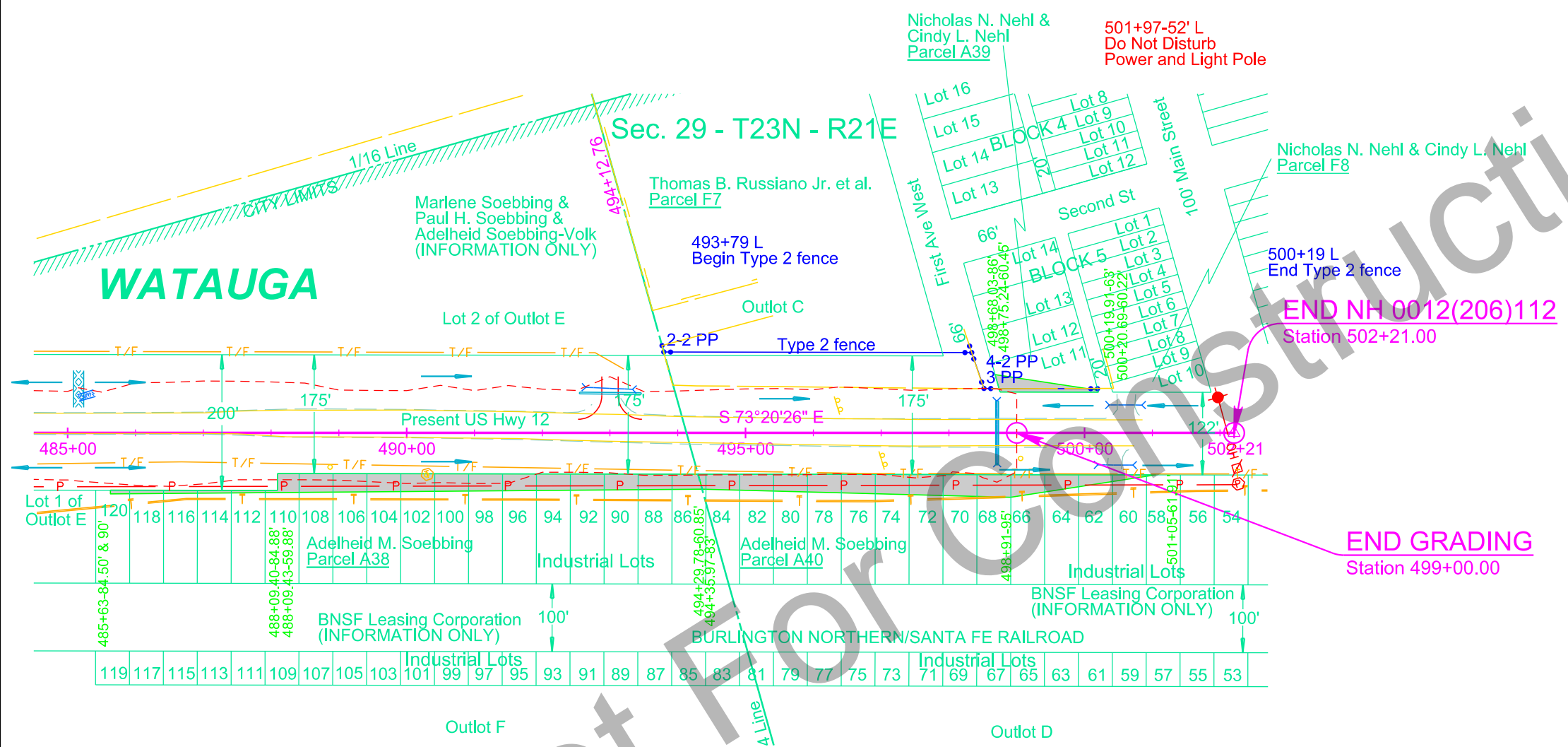
STATE OF SOUTH DAKOTA	PROJECT NH 0012(206)112	SHEET B43	TOTAL SHEETS B46
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Plotting Date: 01/04/2022 Rev 06/07/2021 BFD



Plot Scale - 1:200

Plotted From - trsf12141



Parcel A38
485+63 to 494+35.97 R
Temporary Easement containing
16747 sq ft, more or less

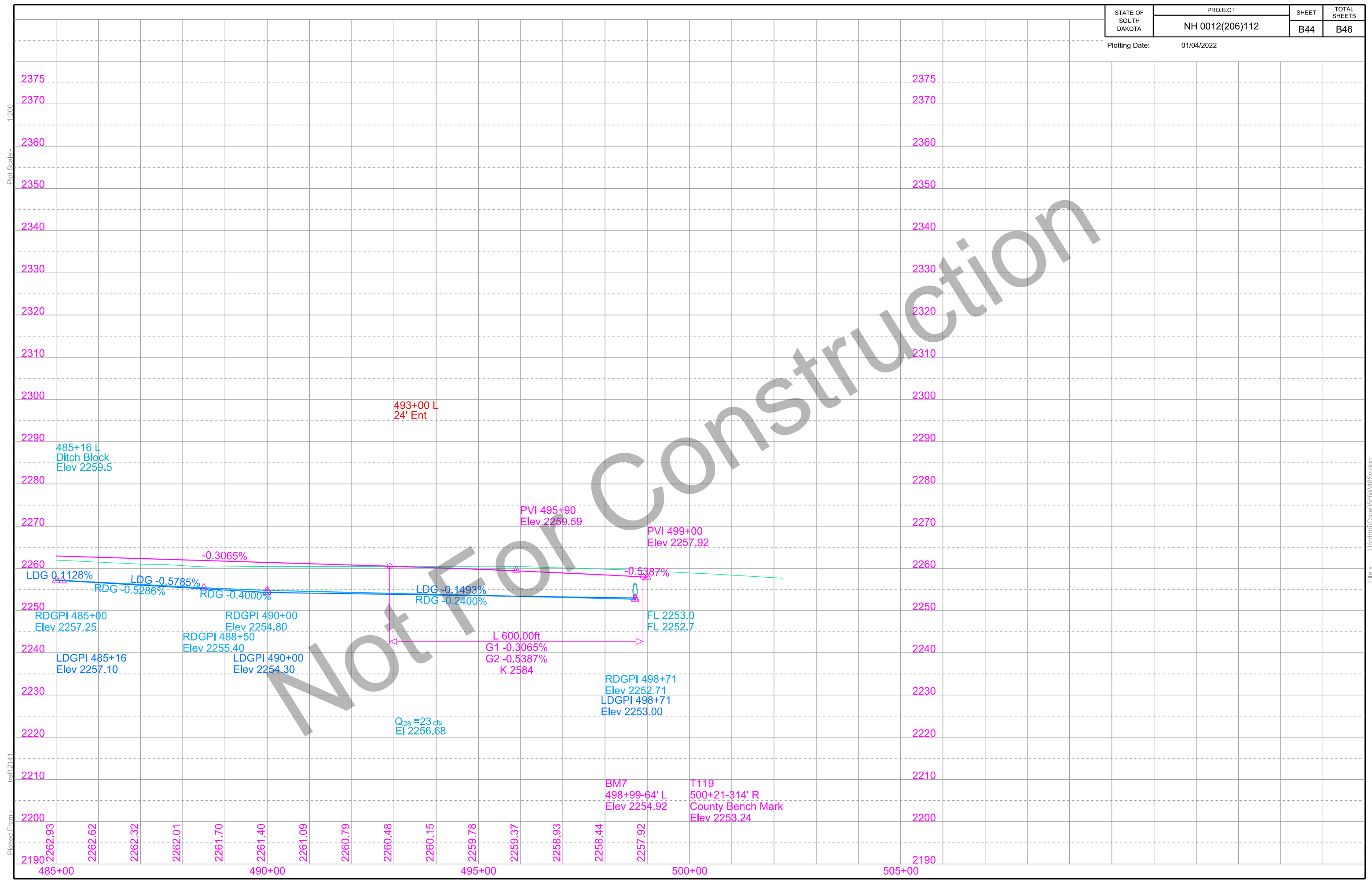
Parcel A39
498+68.03 to 500+20.69 L
Temporary Easement containing
2059 sq ft, more or less

Parcel A40
494+29.78 to 501+05 R
Temporary Easement containing
16286 sq ft, more or less

Not For Construction

File - U:\traj\Cons05\HW485.dgn

Plotting Date: 01/04/2022

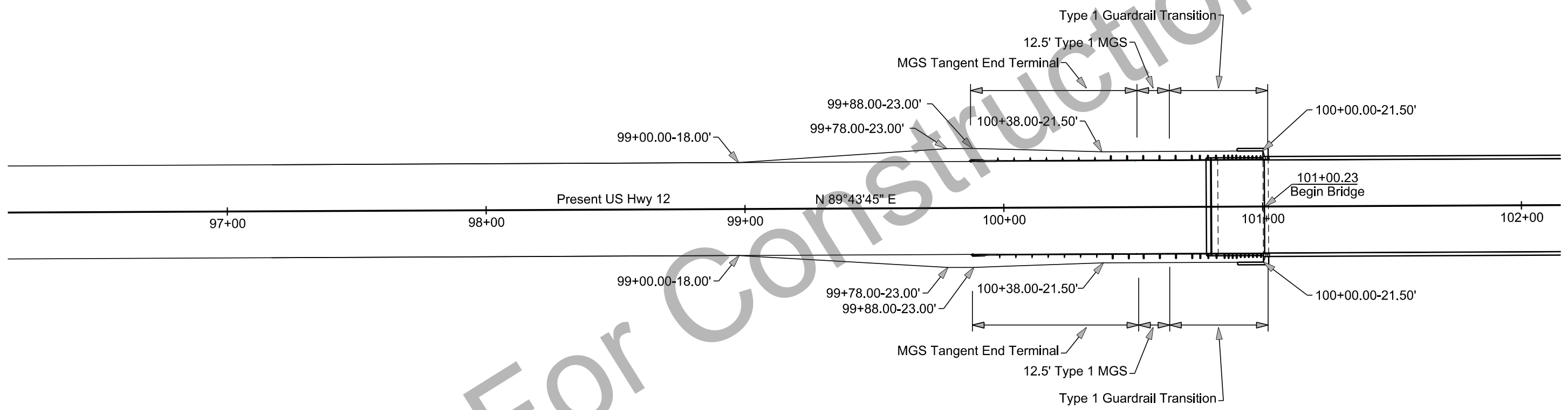


STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	NH 0012(206)112	B45	B46

Plotting Date: 01/04/2022 Rev 05/26/2021 BFD

Plot Scale - 1:40

Plotted From - trsf12141



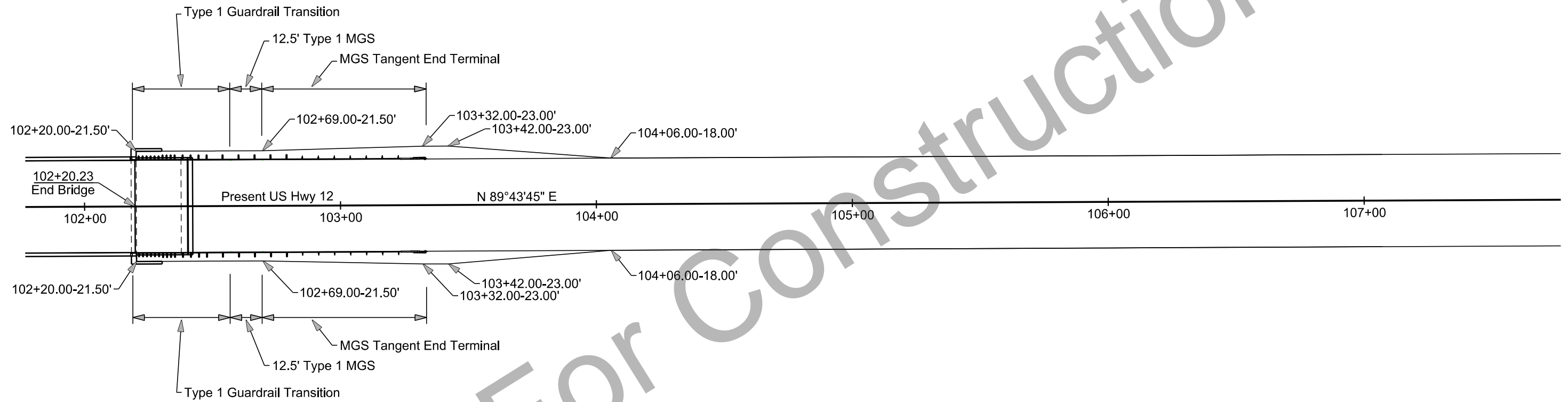
Not For Construction

File - U:\traj\Cons05\HW98gr.dgn

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	NH 0012(206)112	B46	B46

Plotting Date: 01/04/2022 Rev 05/26/2021 BFD

Plot Scale - 1:40



Not For Construction

Plotted From - trsf12141

File - U:\trajp\j\Cons05HW102gr.dgn