



Wisconsin Department of Transportation

November 1, 2016

Division of Transportation Systems Development

Bureau of Project Development
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NOTICE TO ALL CONTRACTORS:

**Proposal #16: 1021-01-70, WISC 2016 351
Baldwin - Menomonie
STH 128 Bridge B-55-0266
IH 94
St. Croix County**

Letting of November 8, 2016

This is Addendum No. 01, which provides for the following:

Special Provisions

Revised Special Provisions	
Article No.	Description
33	HMA Pavement 3 MT 58-28 S 3.0% Va Regression Special, Item SPV.0195.01 and HMA Pavement 4 MT 58-34 H 3.0% Va Regression Special, Item SPV.0195.02.

Added Special Provisions	
Article No.	Description
34	Bore and Jack Culvert Pipe Reinforced Concrete Class 36-Inch, Item SPV.0090.03

Schedule of Items

Revised Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
203.0100	Removing Small Pipe Culverts	Each	10	-1	9
209.0100	Granular Backfill	CY	3,330	-780	2,550
522.0336	Culvert Pipe Reinforced Concrete Class IV 36-Inch	LF	176	-118	58
SPV.0045.01	Portable Changeable Message Sign (PCMS) Cellular Communications	Day	675	225	900

Added Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
520.3512	Culvert Pipe Class III-B 12-Inch	LF	0	44	44
520.3515	Culvert Pipe Class III-B 15-Inch	LF	0	120	120
520.3518	Culvert Pipe Class III-B 18-Inch	LF	0	242	242
520.3524	Culvert Pipe Class III-B 24-Inch	LF	0	354	354
520.3530	Culvert Pipe Class III-B 30-Inch	LF	0	32	32
608.3612	Storm Sewer Pipe Class III-B 12-Inch	LF	0	1213	1213
608.3615	Storm Sewer Pipe Class III-B 15-Inch	LF	0	52	52
520.1012	Apron Endwalls For Culvert Pipe 12-Inch	Each	0	16	16
520.1015	Apron Endwalls For Culvert Pipe 15-Inch	Each	0	3	3
520.1018	Apron Endwalls For Culvert Pipe 18-Inch	Each	0	8	8
520.1024	Apron Endwalls For Culvert Pipe 24-Inch	Each	0	10	10
520.1030	Apron Endwalls For Culvert Pipe 30-Inch	Each	0	1	1
SPV.0090.03	Bore and Jack Culvert Pipe Reinforced Concrete Class IV 36-Inch	LF	0	118	118

Deleted Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
521.1012	Apron Endwalls For Culvert Pipe Steel 12-Inch	Each	5	-5	0
521.1024	Apron Endwalls For Culvert Pipe Steel 24-Inch	Each	3	-3	0
521.1030	Apron Endwalls For Culvert Pipe Steel 30-Inch	Each	1	-1	0
522.0112	Culvert Pipe Reinforced Concrete Class III 12-Inch	LF	44	-44	0
522.0115	Culvert Pipe Reinforced Concrete Class III 15-Inch	LF	120	-120	0
522.0118	Culvert Pipe Reinforced Concrete Class III 18-Inch	LF	242	-242	0
522.0124	Culvert Pipe Reinforced Concrete Class III 24-Inch	LF	258	-258	0
522.1012	Apron Endwalls For Culvert Pipe Reinforced Concrete 12-Inch	Each	9	-9	0
522.1015	Apron Endwalls For Culvert Pipe Reinforced Concrete 15-Inch	Each	3	-3	0
522.1018	Apron Endwalls For Culvert Pipe Reinforced Concrete 18-Inch	Each	8	-8	0
522.1024	Apron Endwalls For Culvert Pipe Reinforced Concrete 24-Inch	Each	7	-7	0
529.0124	Culvert Pipe Corrugated Steel Aluminum Coated 24-Inch	LF	96	-96	0
529.0130	Culvert Pipe Corrugated Steel Aluminum Coated 30-Inch	LF	32	-32	0
608.0212	Storm Sewer Pipe Reinforced Concrete Class II 12-Inch	LF	1,213	-1,213	0
608.0215	Storm Sewer Pipe Reinforced Concrete Class II 15-Inch	LF	52	-52	0
643.1050	Traffic Control Signs PCMS	Day	900	-900	0

Plan Sheets

Revised Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of changes to sheet)
62-68	Storm Sewer (change SSRC CL III to SSP CL III-B)
138	MSQ (quantity change for removing small pipe culverts, eliminated CP at ramp D)
140	MSQ (added bid item abandoning culvert pipes, revised Granular Backfill)
143	MSQ (bid item change for apron endwalls)
144	MSQ (bid item change or quantity change for culvert pipes)
147	MSQ (bid item change for storm sewer pipes)
159	MSQ (bid item or quantity change for PCMS)
162	MSQ (added bid item bore and jack culvert pipe reinforced concrete class IV 36-inch)
166-167	Plan & Profile : STH 128 NB (change CPRC to CP CL III-B, add bench marks)
168-169	Plan & Profile : STH 128 SB (change CPRC to CP CL III-B)
172-173	Plan & Profile : Ramp A (change CPRC/CPCSAC to CP CL III-B)
175-176	Plan & Profile : Ramp B (change CPRC/CPCSAC to CP CL III-B)
177	Plan & Profile : Ramp B Bypass (change CPRC/CPCSAC to CP CL III-B)
181	Plan & Profile : Ramp D (display horizontal alignment on plan view, change 90' to 128' bore)
182	Plan & Profile : Service Road (change CPRC to CP CL III-B)
183	Plan & Profile : West Drive (change CPRC to CP CL III-B)
184	Plan & Profile : East Drive (change CPRC to CP CL III-B)
185	Plan & Profile : Park & Ride (change CPRC to CP CL III-B)
186	Plan & Profile : IH 94 EB (change CPRC to CP CL III-B)
368-387	Cross Sections: STH 128 NB (insert staging match lines)
388-404	Cross Sections: STH 128 SB (insert staging match lines)
405-414	Cross Sections: Roundabout North (insert staging match lines)
415-424	Cross Sections: Roundabout South (insert staging match lines)
425-440	Cross Sections: Ramp A (insert staging match lines)
447-458	Cross Sections: Ramp B (insert staging match lines)
467-471	Cross Sections: Ramp C (insert staging match lines)
476-478	Cross Sections: Ramp C Bypass (insert staging match lines)
479-482	Cross Sections: Ramp D (insert staging match lines)
526	Cross Sections: Ramp D X-Section at Culvert (revised bore and jack notes)

The responsibility for notifying potential subcontractors and suppliers of these changes remains with the prime contractor.

Sincerely,

Mike Coleman

Proposal Development Specialist
Proposal Management Section

ADDENDUM NO. 01

1021-01-70

November 1, 2016

Special Provisions

33. HMA Pavement 3 MT 58-28 S 3.0% Va Regression Special, Item SPV.0195.01 and HMA Pavement 4 MT 58-34 H 3.0% Va Regression Special, Item SPV.0195.02.

A Description

This special provision describes providing HMA pavement including the binder under a combined bid item along with air void regression as described here within.

Define gradations, traffic levels, and asphaltic binder designation levels as follows:

<u>GRADATIONS (NMAS)</u>	<u>TRAFFIC VOLUME</u>	<u>DESIGNATION LEVEL</u>
1 37.5 mm	LT Low	S Standard
2 25.0 mm	MT Medium	H Heavy
3 19.0 mm	HT High	V Very Heavy
4 12.5 mm		E Extremely Heavy
5 9.5 mm		
6 4.75 mm		

Construct HMA pavement of the type the bid item indicates encoded as follows:

3 LT 58-34 S

Gradation Traffic Binder Designation

Conform to standard spec 460 as modified in this special provision.

B Materials

Add the following to standard spec 460.2:

Design mixtures conforming to tables 460-1 and 460-2 to 4.0% air voids to establish the aggregate structure.

Determine the target JMF Asphalt Binder content for production from the mix design data corresponding to 3.0% air voids (97% Gmm) target at Ndes. The air voids at the design number of gyrations, (Ndes) shall be achieved by the addition of liquid asphalt meeting the contract specifications.

Production shall conform to VMA and Dust to Binder Ratio requirements of table 460-1 and 460-2.

Replace standard spec table 460-1 with the following to change the footnotes to refer to LT and MT mixes instead of E-0.3 and E-3 mixes:

TABLE 460-1 AGGREGATE GRADATION MASTER RANGE AND VMA REQUIREMENTS

SIEVE	PERCENTS PASSING DESIGNATED SIEVES						
	NOMINAL SIZE						
	37.5 mm (#1)	25.0 mm (#2)	19.0 mm (#3)	12.5 mm (#4)	9.5 mm (#5)	SMA 12.5 mm (#4)	SMA 9.5 mm (#5)
50.0-mm	100						

37.5-mm	90 –100	100					
25.0-mm	90 max	90 -100	100				
19.0-mm	___	90 max	90 -100	100		100	
12.5-mm	___	___	90 max	90 -100	100	90 - 97	100
9.5-mm	___	___	___	90 max	90 -100	58 - 72	90 - 100
4.75-mm	___	___	___	___	90 max	25 - 35	35 - 45
2.36-mm	15 – 41	19 - 45	23 - 49	28 - 58	20 - 65	15 - 25	18 - 28
75-µm	0 – 6.0	1.0 - 7.0	2.0 - 8.0	2.0 - 10.0	2.0 - 10.0	8.0 - 12.0	10.0 - 14.0
% MINIMUM VMA	11.0	12.0	13.0	14.0 ^[1]	15.0 ^[2]	16.0	17.0

[1] 14.5 for LT and MT mixes

[2] 15.5 for LT and MT mixes

Replace standard spec table 460-2 with the following to switch from E mixes to LT, MT, and HT mixes; and change the tensile strength ratio requirements to 0.75 without antistripping additive and 0.80 with antistripping additive:

TABLE 460-2 MIXTURE REQUIREMENTS

Mixture type	LT	MT	HT	SMA
ESALs x 106 (20 yr design life)	<2.0	2 - <8	>8	> 5 mil
LA Wear (AASHTO T96)				
100 revolutions(max % loss)	13	13	13	13
500 revolutions(max % loss)	50	45	45	40
Soundness (AASHTO T104) (sodium sulfate, max % loss)	12	12	12	12
Freeze/Thaw (AASHTO T103) (specified counties, max % loss)	18	18	18	18
Fractured Faces (ASTM 5821) (one face/2 face, % by count)	65/ ___	75 / 60	98 / 90	100/90
Flat & Elongated (ASTM D4791) (max %, by weight)	5 (5:1 ratio)	5 (5:1 ratio)	5 (5:1 ratio)	20 (3:1 ratio)
Fine Aggregate Angularity (AASHTO T304, method A, min)	40	43	45	45
Sand Equivalency (AASHTO T176, min)	40	40	45	50
Gyratory Compaction				
Gyrations for Nini	6	7	8	8
Gyrations for Ndes	40	75	100	65
Gyrations for Nmax	60	115	160	160
Air Voids, %Va (%Gmm Ndes)	4.0 (96.0)	4.0 (96.0)	4.0 (96.0)	4.0 (96.0)
% Gmm Nini	<= 91.5 ^[1]	<= 89.0 ^[1]	<= 89.0	___
% Gmm Nmax	<= 98.0	<= 98.0	<= 98.0	___
Dust to Binder Ratio ^[2] (% passing 0.075/Pbe)	0.6 - 1.2	0.6 - 1.2	0.6 - 1.2	1.2 - 2.0
Voids filled with Binder (VFB or VFA, %)	68 - 80 ^[4] ^[5]	65 – 75 ^[3] ^[4]	65 - 75 ^[3] ^[4]	70 - 80
Tensile Strength Ratio (TSR)				

(ASTM 4867)				
no antistripping additive	0.75	0.75	0.75	0.75
with antistripping additive	0.80	0.80	0.80	0.80
Draindown at Production Temperature (%)	—	—	—	0.30

[1] The percent maximum density at initial compaction is only a guideline.

[2] For a gradation that passes below the boundaries of the caution zone (ref. AASHTO MP3), the dust to binder ratio limits are 0.6 - 1.6.

[3] For #5 (9.5mm) and #4 (12.5 mm) nominal maximum size mixtures, the specified VFB range is 70 - 76%.

[4] For #2 (25.0mm) nominal maximum size mixes, the specified VFB lower limit is 67%.

[5] For #1 (37.5mm) nominal maximum size mixes, the specified VFB lower limit is 67%.

Replace standard spec 460.2.8.2.1.7 paragraph six with the following to base payment adjustment on the combined bid item unit price:

(6) The department will reduce payment for nonconforming QMP HMA mixtures, starting from the stop point to the point when the running average is back inside the warning limits, as follows:

PAYMENT FOR MIXTURE^{[1] [2]}

ITEM	PRODUCED WITHIN WARNING BANDS	PRODUCED OUTSIDE JMF LIMITS
Gradation	90%	75%
Asphalt Content	85%	75%
Air Voids	70%	50%
VMA	90%	75%

[1] For projects or plants where the total production of each mixture design requires less than 4 tests refer to CMM 8-36.

[2] Payment is in percent of the contract unit price for the HMA Pavement bid item. The department will reduce pay based on the nonconforming property with lowest percent pay. The department will administer pay reduction under the Nonconforming QMP HMA Mixture administrative item.

Replace standard spec 465.2 with the following:

(1) Under the Asphaltic Surface, Asphaltic Surface Detours, and Asphaltic Surface Patching bid items; submit a mix design. Furnish asphaltic mixture meeting the requirements specified for either type LT or MT mix under 460.2; except the engineer will not require the contractor to conform to the quality management program specified under 460.2.8.

(2) Under the other 465 bid items, the contractor need not submit a mix design. Furnish aggregates mixed with a type AC asphaltic material. Use coarse and fine mineral aggregates uniformly coated and mixed with the asphaltic material in an engineer-approved mixing plant. The contractor may include reclaimed asphaltic pavement materials in the mixture.

C Construction

Replace standard spec table 460-3 with the following to switch from E mixes to LT, MT, and HT mixes and to increase field density requirements by 1.5% when operating under this HMA Pavement 3.0% Va Regression SPV:

TABLE 460-3 MINIMUM REQUIRED DENSITY⁽¹⁾

LOCATION	LAYER	PERCENT OF TARGET MAXIMUM DENSITY		
		MIXTURE TYPE		
		LT AND MT	HT	SMA ⁽⁵⁾
TRAFFIC LANES ⁽²⁾	LOWER	93.0 ⁽³⁾	93.0 ⁽⁴⁾	_____
	UPPER	93.0	93.0	_____
SIDE ROADS, CROSSOVERS, TURN LANES, & RAMPS	LOWER	93.0 ⁽³⁾	93.0 ⁽⁴⁾	_____
	UPPER	93.0	93.0	_____
SHOULDERS & APPURTENANCES	LOWER	91.0	91.0	_____
	UPPER	92.0	92.0	_____

⁽¹⁾ The table values are for average lot density. If any individual density test result falls more than 3.0 percent below the minimum required target maximum density, the engineer may investigate the acceptability of that material.

⁽²⁾ Includes parking lanes as determined by the engineer.

⁽³⁾ Minimum reduced by 2.0 percent for a lower layer constructed directly on crushed aggregate or recycled base courses.

⁽⁴⁾ Minimum reduced by 1.0 percent for a lower layer constructed directly on crushed aggregate or recycled base courses.

⁽⁵⁾ The minimum required densities for SMA mixtures are determined according to CMM 8-15.

Delete standard spec 460.2.8.2.1.5(1) and replace with the following:

⁽¹⁾ Conform to the following control limits for the JMF and warning limits based on a running average of the last 4 data points:

ITEM	JMF LIMITS	WARNING LIMITS
Percent passing given sieve:		
37.5-mm	+/- 6.0	+/- 4.5
25.0-mm	+/- 6.0	+/- 4.5
19.0-mm	+/- 5.5	+/- 4.0
12.5-mm	+/- 5.5	+/- 4.0
9.5-mm	+/- 5.5	+/- 4.0
2.36-mm	+/- 5.0	+/- 4.0
75-µm	+/- 2.0	+/- 1.5
Asphaltic content in percent	- 0.3	- 0.2
Air voids in percent	+ 1.3/-1.0	+ 1.0/-0.7
VMA in percent ⁽¹⁾	- 0.5	- 0.2

⁽¹⁾ VMA limits based on minimum requirement for mix design nominal maximum aggregate size in [table 460-1](#).

Delete standard spec 460.2.8.3.1.6(1) and replace with the following:

(1) The engineer will provide test results to the contractor within 2 mixture-production days after obtaining the sample. The quality of the product is acceptably verified if it meets the following limits:

- Va is within a range of 2.0 to 4.3 percent.
- VMA is within minus 0.5 of the minimum requirement for the mix design nominal maximum aggregate size.

D Measurement

The department will measure HMA Pavement (type) 3.0% Va Regression Special conforming to standard spec 460.4.

E Payment

Add the following to standard spec 460.5 to switch from E mixes to LT, MT, and HT mixes; to combine the pavement and binder bid items; and to specify a pay reduction for pavement placed with nonconforming binder:

The department will pay for measured quantities at the contract unit price under the following bid items:

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0195.01	HMA Pavement 3 MT 58-28 S 3.0% Va Regression Special	TON
SPV.0195.02	HMA Pavement 4 MT 58-34 H 3.0% Va Regression Special	TON

Payment is full compensation for providing HMA Pavement including asphaltic binder.

In addition to any pay adjustment under standard spec 460.2.8.2.1.7(6), the department will adjust pay for nonconforming binder under the Nonconforming QMP Asphaltic Material administrative item. The department will deduct 25 percent of the contract unit price of the HMA Pavement bid item per ton of pavement placed with nonconforming PG binder the engineer allows to remain in place.

Delete standard spec 460.5.2.3(1) and replace with the following:

(1)If the lot density is greater than the minimum specified in [table 460-3](#) and all individual air voids test results for that mixture placed during the same day are within 2.5 - 4.0 percent, the department will adjust pay for that lot as follows:

INCENTIVE PAY ADJUSTMENT FOR HMA PAVEMENT DENSITY

PERCENT LOT DENSITY ABOVE SPECIFIED MINIMUM	PAY ADJUSTMENT PER TON ^[1]
From -0.4 to 1.0 inclusive	\$0
From 1.1 to 1.8 inclusive	\$0.40
More than 1.8	\$0.80

^[1] The department will prorate the pay adjustment for a partial lot.

33. Bore and Jack Culvert Pipe Reinforced Concrete Class IV 36-Inch, Item SPV.0090.03

A Description

This special provision describes furnishing and installing culverts by jacking and boring with or without a casing pipe. The method of installation may be selected, but open-cut will not be allowed.

B Materials

Culvert shall be reinforced concrete pipe, Class IV, conforming to section 608.

If steel casing used, culvert can be reinforced concrete pipe, Class III, conforming to section 608. Class III culvert pipe cannot be intermixed with Class IV culvert pipe as the "bell" and "spigot" ends of the different pipe types are not compatible.

Steel casing shall conform to ASTM A53, Grade B Steel Pipe, 35,000 psi minimum yield, with a minimum wall thickness of 0.469 inches. Casing shall be a minimum of 4 inches larger than the outside diameter of the carrier pipe.

If casing is used, annular space shall be filled with lean concrete proportioned of 1-1/2 bags of Portland cement, 6 cubic feet of concrete sand, and 12 cubic feet of coarse aggregate, or one bag Portland cement and 12 cubic feet of graded aggregate.

C Construction

Establish reference point and bench marks required to control jacking of casing pipe to elevations indicated on drawings.

Excavate access pit, shaft or approach tunnel in accordance with section 206. All access pits must be a minimum of 5 feet from all underground utility markings.

If a casing pipe is used, weld joints with a continuous circumferential weld. Contractor shall be responsible for providing stress transfer across joints capable of resisting jacking forces applied.

Pipe shall be attached to concrete brick supports to be used as a carrier for insertion into casing. Support and brace pipe to prevent shifting or flotation during filler material placement.

Carrier pipe or casing pipe shall be jacked and bored by selected method to line and grade indicated on drawings.

Upon completion of installation of pipe, completely fill annular space between pipe-duct package and pipe casing with lean concrete. Fill ends of casing pipe with a minimum 1-foot thick bulkhead.

Backfill casing pipe ends in accordance with section 206 and restore surface.

Demonstrate to satisfaction of the department that the entire length of the casing has been backfilled.

D Measurement

The department will measure Bore and Jack Culvert Pipe Reinforced Concrete Class IV 36-Inch by the linear foot acceptably completed.

E Payment

The department will pay for measured quantities at the contract unit price under the following bid item:

ITEM NUMBER	DESCRIPTION	UNI T
SPV.0090.03	Bore and Jack Culvert Pipe Reinforced Concrete Class IV 36-Inch	LF

Payment is full compensation for providing all materials, including carrier pipe, steel casing pipe, and connections; for all excavating except rock excavation; for sheeting and shoring; for laying pipe; for sealing joints and making connections to new or existing fixtures; for filling annular space and constructing bulkheads; for backfilling; for providing granular backfill material; for removing sheeting and shoring; for cleaning out and restoring the worksite; and for furnishing all labor, tools, equipment, and incidentals necessary to complete the contract work.

Schedule of Items

Attached, dated November 1, 2016, are the revised Schedule of Items. All pages of the Schedule of Items are being replaced.

Plan Sheets

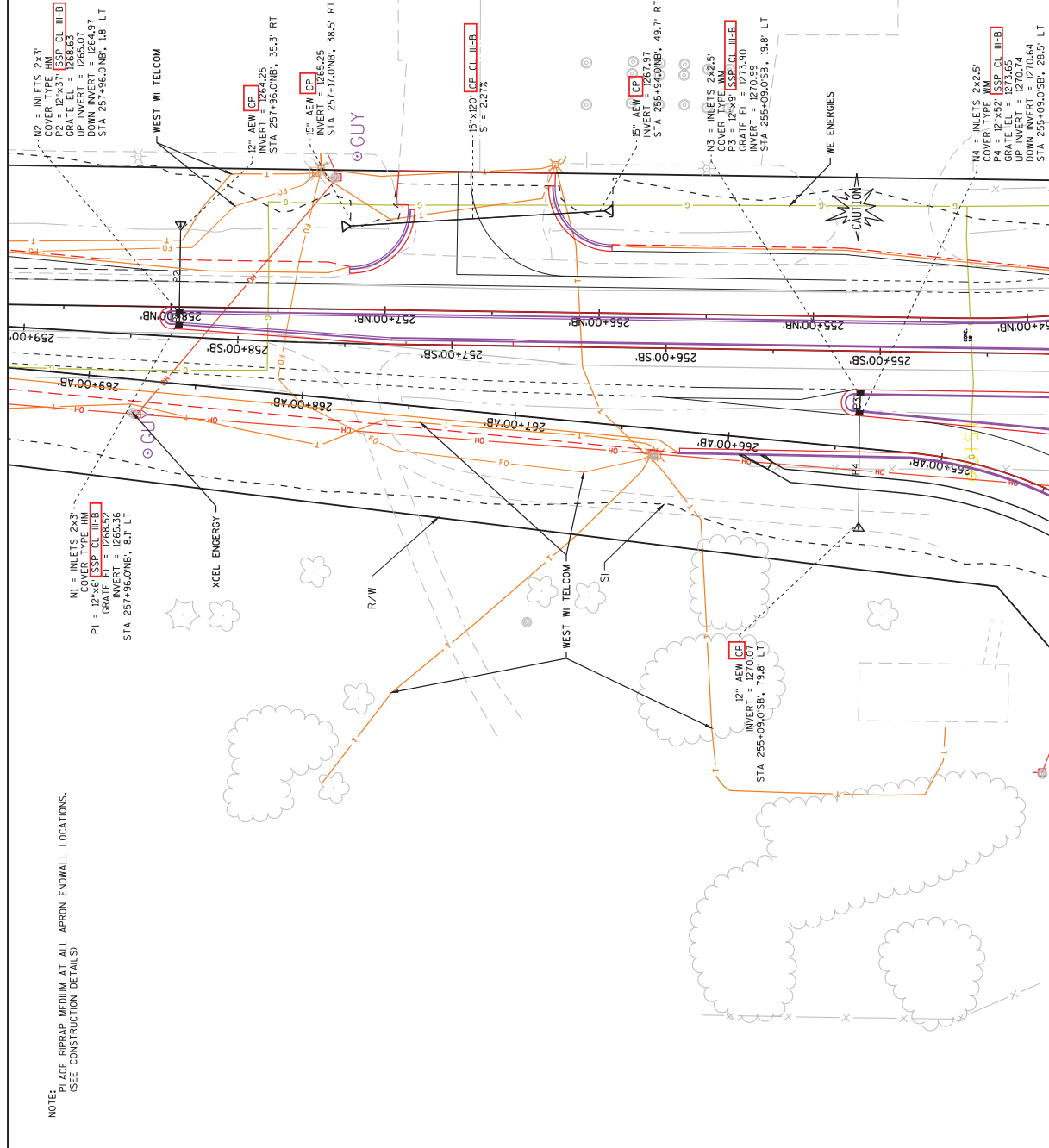
The following 8½ x 11-inch sheets are attached and made part of the plans for this proposal:

Revised: 62-68, 138, 140, 143, 144, 147, 159, 162, 166-167, 168-169, 172-173, 175-176, 177, 181-186, 368-387, 388-404, 405-414, 415-424, 425-440, 447-458, 467-471, 476-478, 479-482, and 526.

END OF ADDENDUM

Addendum No. 01
 ID 1021-01-70
 Revised Sheet 62
 November 1, 2016

NOTE:
 PLACE REBAR MEDIUM AT ALL APRON ENDWALL LOCATIONS.
 (SEE CONSTRUCTION DETAILS)



N2 = INLETS 2x3'
 COVER TYPE HM
 GRATE EL = 1268.63
 UP INVERT = 1265.07
 DOWN INVERT = 1264.97
 STA 257+96.0 NB, 1.8' LT

N1 = INLETS 2x3'
 COVER TYPE HM
 GRATE EL = 1268.52
 UP INVERT = 1265.36
 DOWN INVERT = 1265.25
 STA 257+96.0 NB, 8.1' LT

12" AEW CP
 INVERT = 1264.25
 STA 257+96.0 NB, 35.3' RT

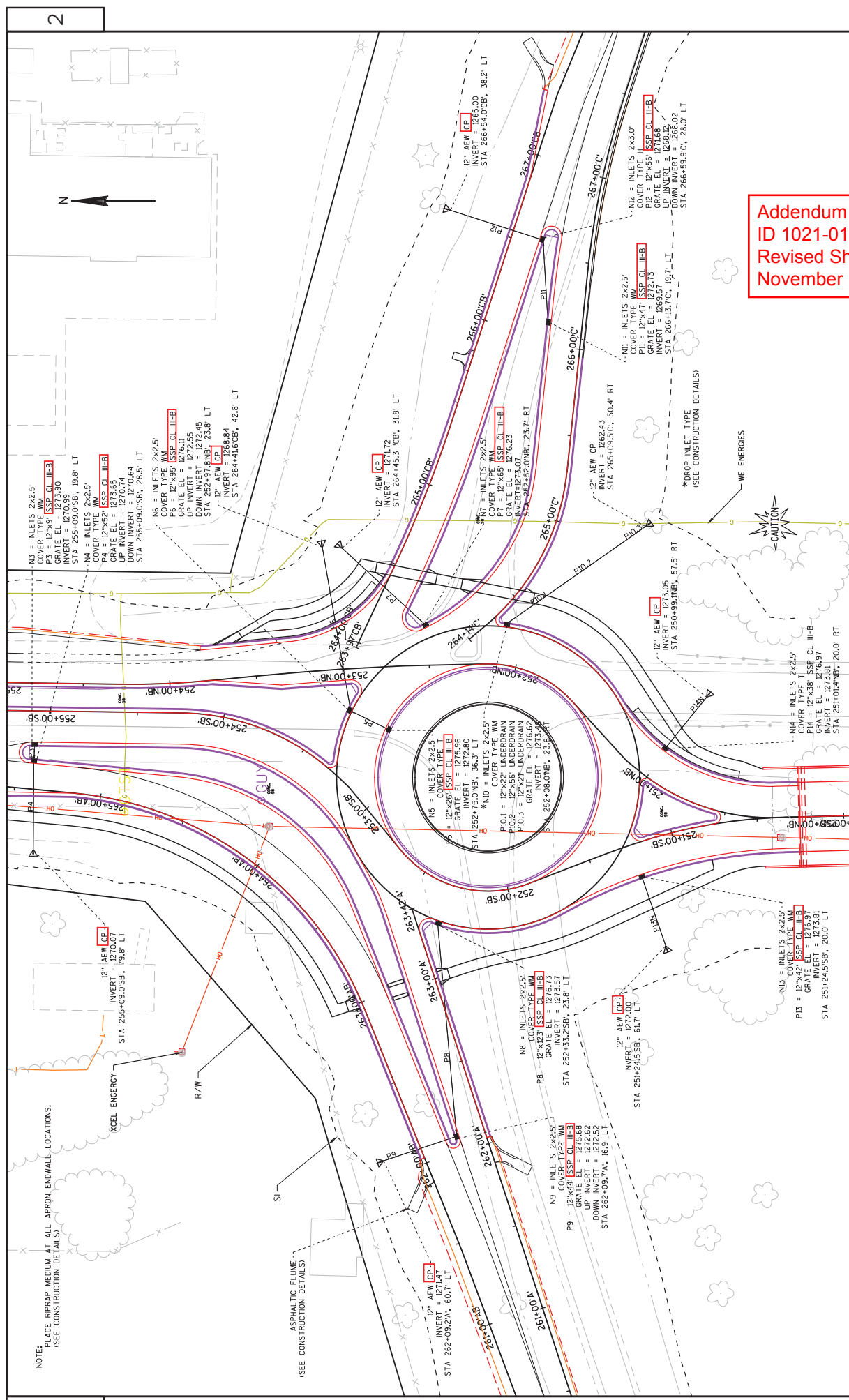
15" AEW CP
 INVERT = 1265.25
 STA 257+17.0 NB, 38.5' RT

15" x 120" CP, CL III-B
 S = 2.27%

15" AEW CP
 INVERT = 1267.87
 STA 255+94.0 NB, 49.7' RT

N3 = INLETS 2x2.5'
 COVER TYPE HM
 GRATE EL = 1273.90
 UP INVERT = 1270.99
 DOWN INVERT = 1270.64
 STA 255+09.0 SB, 19.8' LT

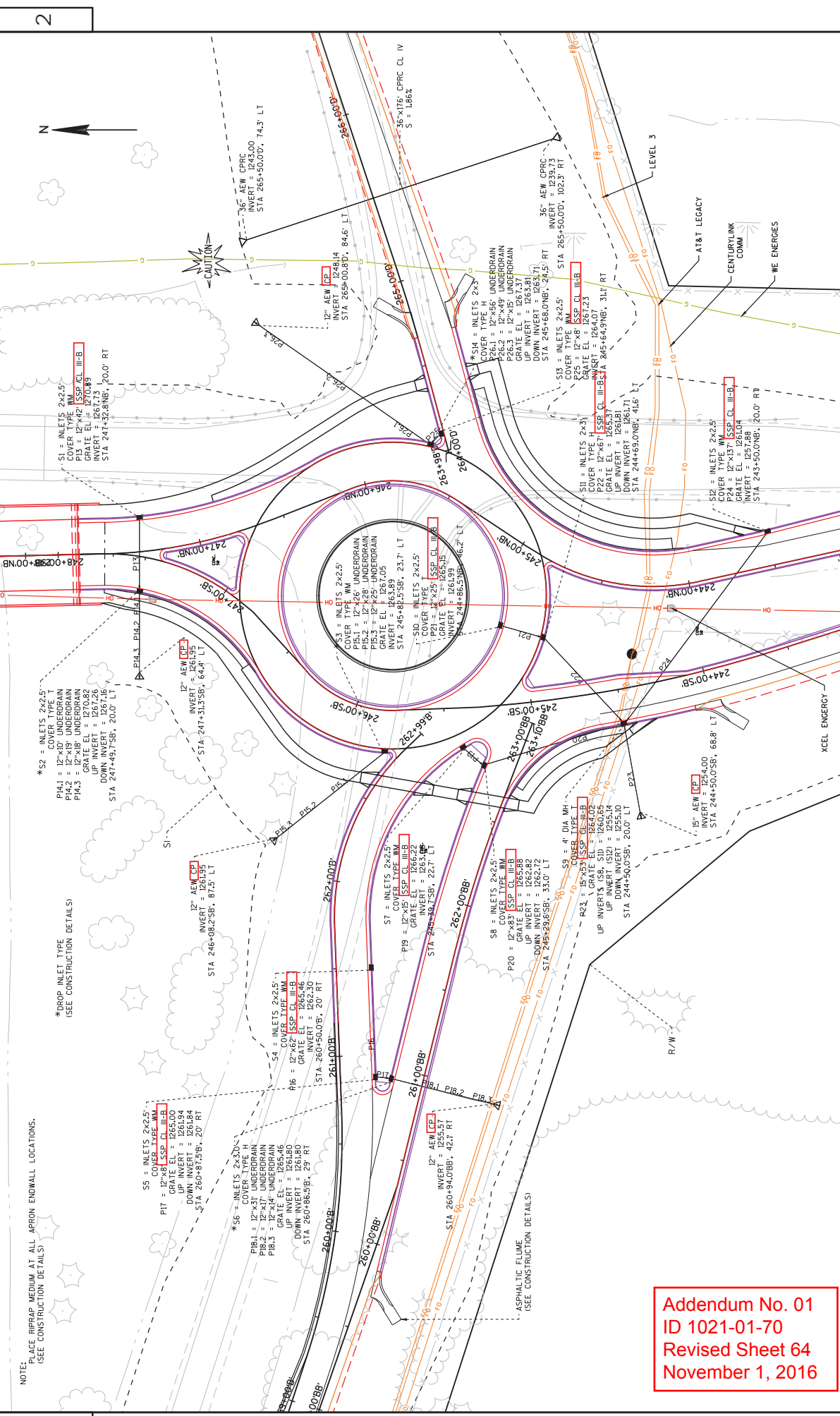
N4 = INLETS 2x2.5'
 COVER TYPE HM
 GRATE EL = 1273.65
 UP INVERT = 1270.74
 DOWN INVERT = 1270.64
 STA 255+09.0 SB, 28.5' LT



NOTE:
PLACE BRBRAP MEDIUM AT ALL APRON ENDWALL LOCATIONS.
(SEE CONSTRUCTION DETAILS)

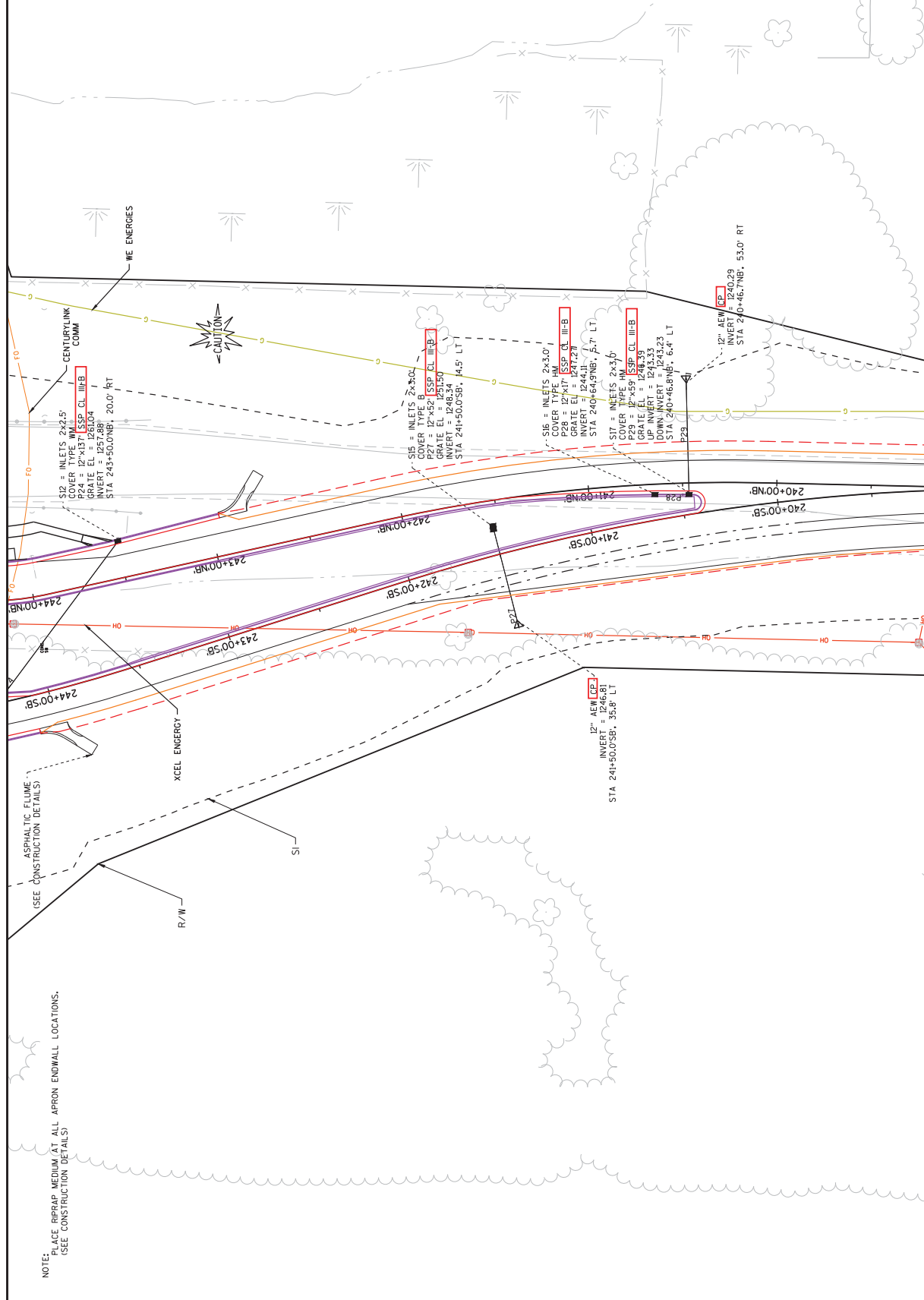
ASPHALTIC FULMME
(SEE CONSTRUCTION DETAILS)

Addendum No. 01
ID 1021-01-70
Revised Sheet 63
November 1, 2016

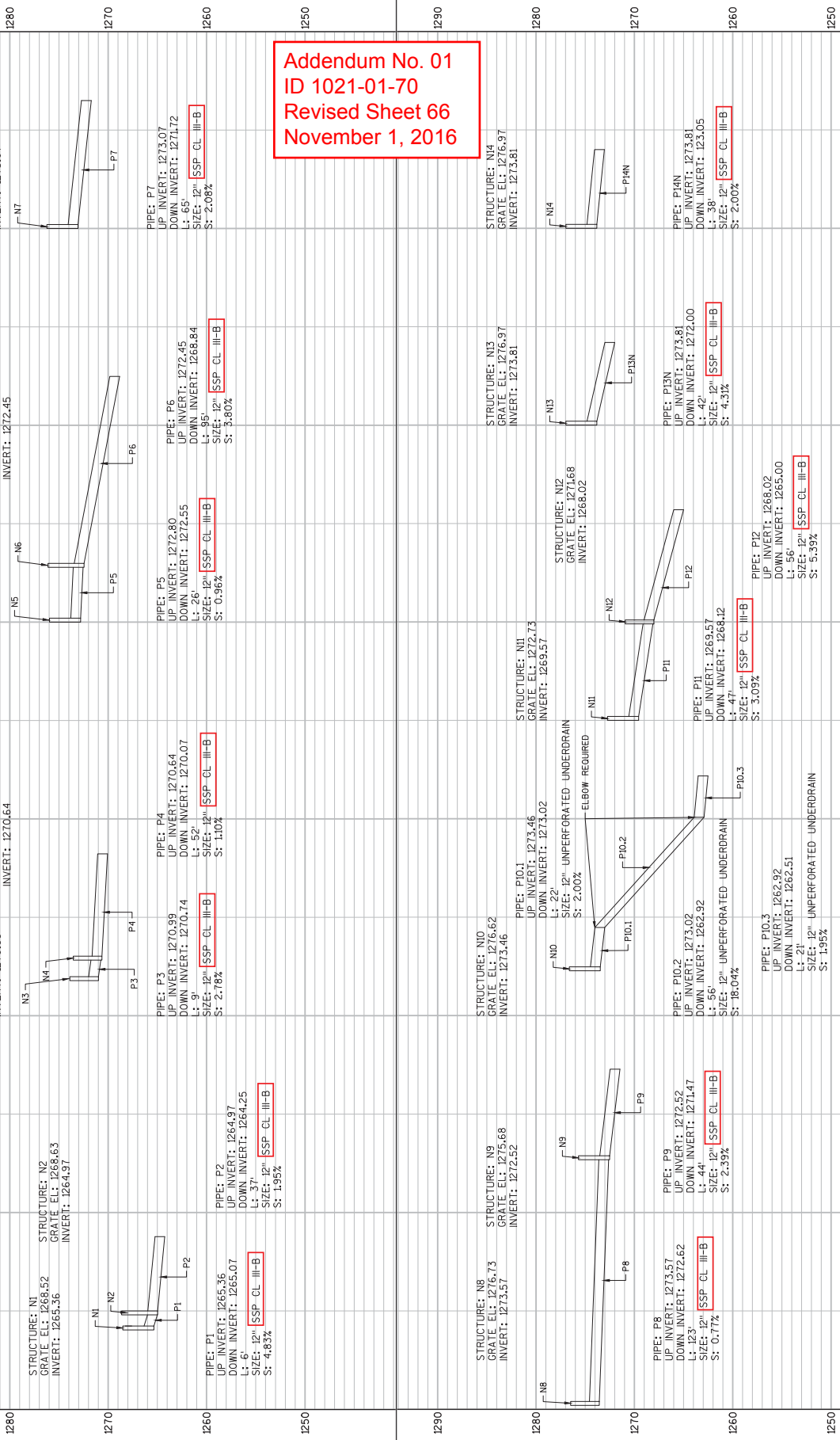


Addendum No. 01
ID 1021-01-70
Revised Sheet 64
November 1, 2016

Addendum No. 01
ID 1021-01-70
Revised Sheet 65
November 1, 2016



NOTE: SEE BIRAP MEDIUM AT ALL APRON ENOWALL LOCATIONS.
(SEE CONSTRUCTION DETAILS)



Addendum No. 01
ID 1021-01-70
Revised Sheet 66
November 1, 2016

1280

STRUCTURE: S1
GRATE EL: 1270.89
INVERT: 1261.75

S1

S2

S3

STRUCTURE: S2
GRATE EL: 1270.82
INVERT: 1267.16

P13

P15.1

S4

STRUCTURE: S4
GRATE EL: 1265.46
INVERT: 1262.30

P16

S5

STRUCTURE: S5
GRATE EL: 1265.00
INVERT: 1261.84

S6

STRUCTURE: S6
GRATE EL: 1265.46
INVERT: 1261.80

S7

STRUCTURE: S7
GRATE EL: 1266.22
INVERT: 1263.06

S8

STRUCTURE: S8
GRATE EL: 1265.88
INVERT: 1262.72

S9

STRUCTURE: S9
GRATE EL: 1264.02
INVERT: 1255.10

1270

PIPE: P13
UP INVERT: 1267.73
DOWN INVERT: 1261.26
L: 42'
SIZE: 12" SSP CL III-B
S: 1.12%

P14.1

P14.2

P15.2

P16

P17

P18.3

P19

1260

PIPE: P14.1
UP INVERT: 1267.16
DOWN INVERT: 1266.96
L: 19'
SIZE: 12" UNPERFORATED UNDERDRAIN
S: 2.00%

P14.2

P15.2

P16

P17

P18.3

P19

1250

PIPE: P14.2
UP INVERT: 1266.96
DOWN INVERT: 1262.30
L: 19'
SIZE: 12" UNPERFORATED UNDERDRAIN
S: 24.53%

P15.2

P16

P17

P18.3

P19

1240

PIPE: P14.3
UP INVERT: 1262.30
DOWN INVERT: 1261.95
L: 18'
SIZE: 12" UNPERFORATED UNDERDRAIN
S: 1.94%

P15.3

P16

P17

P18.2

P19

1280

STRUCTURE: S10
GRATE EL: 1265.15
INVERT: 1261.39

S11

S12

1270

STRUCTURE: S9
GRATE EL: 1264.02
INVERT: 1255.10

S12

1260

STRUCTURE: S11
GRATE EL: 1265.37
INVERT: 1261.71

S11

1250

PIPE: P21
UP INVERT: 1261.99
DOWN INVERT: 1261.81
L: 25'
SIZE: 12" SSP CL III-B
S: 0.72%

P21

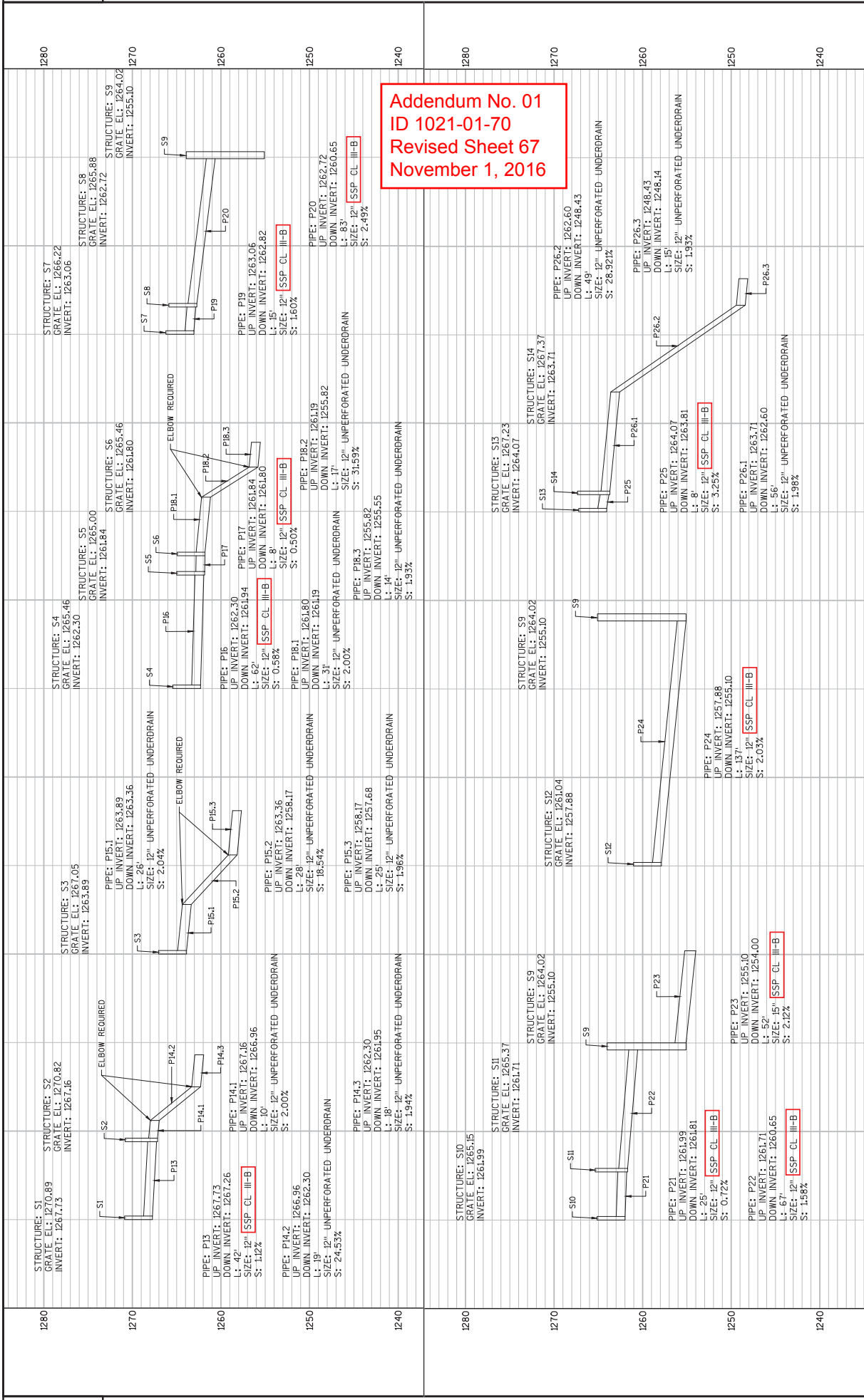
P22

1240

PIPE: P22
UP INVERT: 1261.71
DOWN INVERT: 1260.65
L: 67'
SIZE: 12" SSP CL III-B
S: 1.58%

P22

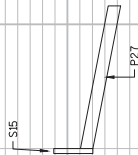
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2

1260

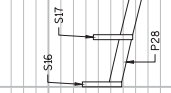
STRUCTURE: S15
GRATE EL: 1251.50
INVERT: 1248.34



PIPE: P27
UP INVERT: 1248.34
DOWN INVERT: 1246.81
L: 50'
SIZE: 12" SSP CL III-B
S: 3.06%

1250

STRUCTURE: S16
GRATE EL: 1247.27
INVERT: 1244.11



STRUCTURE: S17
GRATE EL: 1246.39
INVERT: 1243.23

PIPE: P28
UP INVERT: 1244.11
DOWN INVERT: 1243.33
L: 17'
SIZE: 12" SSP CL III-B
S: 4.59%

PIPE: P29
UP INVERT: 1243.33
DOWN INVERT: 1240.29
L: 59'
SIZE: 12" SSP CL III-B
S: 5.41%

1240

1230

1220

1260

1250

1240

1230

1220

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PROJECT NO: 1021-01-70

HWY: IH 94

COUNTY: ST. CROIX

STORM SEWER

SHEET 68

E

FILE NAME : N:\VPOS\C3D\10210100\DESIGN\PLANS PRODUCTION\020402_SSP\AN_1STH128-10210100.DWG

PLOT NAME :

PLOT SCALE : 1 IN=50 FT

WISDOT/CADD S SHEET 41

CLEARING AND GRUBBING

CATEGORY	STATION TO	STATION	LOCATION	STA	REMARKS
0010	239+50' NB'	- 241+00' NB'	STH 128	1.5	1.5
0010	262+00' NB'	- 264+50' NB'	STH 128	2.5	2.5
0010	240+50' SB'	- 244+50' SB'	STH 128	4	4
0010	247+00' A'	- 250+00' A'	RAMP A	3	3
0010	254+00' A'	- 261+00' A'	RAMP A	7	7
0010	253+00' B'	- 262+00' B'	RAMP B	9	9
0010	275+00' C'	- 280+00' C'	RAMP C	5	5
	TOTAL	0010		32	32

REMOVING ASPHALTIC SURFACE

CATEGORY	STATION TO	STATION	LOCATION	SY	REMARKS
0010	270+15' C'	- 275+15' C'	RAMP C	1125	RESURFACE LANE & SHLDS
0010	238+50' NB'	- 246+70' NB'	STH 128 NB	850	WIDENING
0010	250+75' NB'	- 254+85' NB'	STH 128 NB	275	WIDENING
0010	240+44' NB'	- 258+00' NB'	STH 128 SB	1220	STAGING MEDIAN
	TOTAL	0010		3470	

REMOVING SMALL PIPE CULVERTS

CATEGORY	STATION	LOCATION	203.0100 EACH	REMARKS
0010	237+00' NB'	50TH AVE, LT	1	24" CMP
0010	256+85' B'	RAMP B	1	24" CMP
0010	253+05' A'	RAMP A	1	18" CMP
0010	256+60' NB'	DRI VEWAY, RT	1	15" CMP
0010	257+50' SB'	DRI VEWAY, LT	1	15" CMP
0010	264+58' NB'	STH 128	1	24" CMP
0010	245+45' A'	RAMP A/IH 94 WB	1	EXTEND (30" CMP)
0010	251+00' A'	RAMP A	1	EXTEND (24" CMP)
0010	251+00' B'	RAMP B	1	EXTEND (24" CMP)
	TOTAL	0010	9	

REMOVING FENCE

CATEGORY	STATION TO	STATION	LOCATION	LF	REMARKS
0010	253+00' A'	- 265+90' AB'	RAMP A R/W	1270	
0010	254+30' NB'	- 268+15' C'	RAMP C R/W	480	
0010	252+55' B'	- 243+25' SB'	RAMP B R/W	1210	
	TOTAL	0010		2960	

REMOVING DELINEATORS AND MARKERS

CATEGORY	STATION	LOCATION	204.0180 EACH	REMARKS
0010	EXISTING CULVERTS	LT & RT	20	
0010	EXISTING RAMPS	LT & RT	50	
0010	IH 94	LT & RT	10	
	TOTAL	0010	80	

REMOVING CURB & GUTTER

CATEGORY	STATION	LOCATION	204.0150 LF	REMARKS
0010	245+50' NB'	RAMP B	78	RADI US
0010	245+50' NB'	RAMP D	96	RADI US
0010	245+70' NB'	RAMP B	78	I SLAND
0010	252+25' NB'	RAMP C	56	I SLAND
0010	252+50' NB'	RAMP A	86	RADI US
0010	252+50' NB'	RAMP C	70	RADI US
	TOTAL	0010	464	

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BASE AGGREGATE DENSE 1 1/4-INCH

CATEGORY	STATION	TO	STATION	LOCATION	TON	REMARKS
0010	252+51'	NB'	-	265+07'	NB'	2849
0010	252+88'	SB'	-	265+38'	SB'	2822
0010	256+00'	AB'	-	266+24'	AB'	1677
0010	241+02'	A'	-	263+42'	A'	5167
0010	5+00'	RN'	-	10+50'	RN'	1100
0010	264+27'	CB'	-	270+15'	CB'	978
0010	264+13'	C'	-	270+15'	C'	1047
0010	275+15'	C'	-	280+54'	C'	1124
0010	250+42'	SB'	-	251+74'	SB'	174
0010	250+22'	NB'	-	251+44'	NB'	152
0010	246+51'	SB'	-	247+72'	SB'	152
0010	246+21'	NB'	-	247+53'	NB'	174
0010	5+00'	RS'	-	10+50'	RS'	1099
0010	245+67'	B'	-	262+99'	B'	4921
0010	260+35'	BB'	-	263+09'	BB'	388
0010	264+00'	D'	-	268+00'	D'	1243
0010	237+22'	SB'	-	245+17'	SB'	1997
0010	237+22'	NB'	-	244+88'	NB'	1825
0010	1+30'	SR'	-	7+30'	SR	2140
0010	21+50'	ED'	-	23+65'	ED'	938
0010	11+50'	WD'	-	14+50'	WD'	584
0010	10+13'	PR'	-	13+13'	PR'	1440
0010	257+02'	NB'	-	267+17'	NB'	475
0010	259+87'	SB'	-	267+48'	SB'	310
0010	238+50'	NB'	-	246+70'	NB'	489
0010	250+75'	NB'	-	254+85'	NB'	169
0010	244+12'	NB'	-	245+54'	NB'	87
0010	250+37'	NB'	-	251+44'	NB'	28
0010	252+75'	NB'	-	253+57'	NB'	34
0010	244+51'	SB'	-	245+17'	SB'	29
0010	246+54'	SB'	-	247+57'	SB'	36
0010	240+44'	NB'	-	258+00'	NB'	917
TOTAL 0010					36565	

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CATEGORY	STATION	LOCATION	204.0270 EACH	REMARKS
0010	265+15'	D'	1	30' CMP
TOTAL 0010				1

CATEGORY	STATION	LOCATION	209.0100 CY	REMARKS
0010	245+42'	A, LT	400	CULVERT FILL
0010	250+99'	A, RT	160	CULVERT FILL
0010	250+99'	A, RT	310	CULVERT FILL
0010	265+50'	D, LT/RT	380	CULVERT FILL
0010	264+57'	NB, LT/RT	700	CULVERT FILL
0010	9+39'	50TH AVE, LT/RT	600	CULVERT FILL
TOTAL 0010				2550

BASE AGGREGATE DENSE 3/4-INCH

CATEGORY	STATION	TO	STATION	LOCATION	TON	REMARKS
0010	237+22'	NB'	-	265+07'	NB'	448
0010	237+22'	SB'	-	265+38'	SB'	427
0010	241+02'	A'	-	262+04'	A'	508
0010	246+13'	B'	-	260+69'	B'	502
0010	266+45'	C'	-	280+54'	C'	233
0010	264+66'	D'	-	268+00'	D'	110
0010	1+30'	SR'	-	7+30'	SR'	231
0010	21+50'	ED'	-	23+75'	ED'	109
0010	11+50'	WD'	-	14+45'	WD'	122
0010	10+12'	PR'	-	13+13'	PR'	178
0010	257+02'	NB'	-	267+17'	NB'	247
0010	259+87'	SB'	-	267+48'	SB'	185
TOTAL 0010					3300	

WI DENING
WI DENING

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AEW FOR CULVERT PIPE											
CATEGORY	STATION	LOCATION	AEW FOR CULVERT PIPE 12-1 INCH 520. 1012 EACH	AEW FOR CULVERT PIPE 15-1 INCH 520. 1015 EACH	AEW FOR CULVERT PIPE 18-1 INCH 520. 1018 EACH	AEW FOR CULVERT PIPE 24-1 INCH 520. 1024 EACH	AEW FOR CULVERT PIPE 30-1 INCH 520. 1030 EACH	AEW FOR CULVERT PIPE REINFORCED CONCRETE 30-1 INCH 522. 1030 EACH	AEW FOR CULVERT PIPE REINFORCED CONCRETE 36-1 INCH 522. 1036 EACH	(INFO ONLY) JOINT TIES FOR CONCRETE AEW EACH	REMARKS
0010	265+09.4' C'	50.2' RT	1	-	-	-	-	-	-	-	-
0010	247+38.8' SB'	52.5' LT	1	-	-	-	-	-	-	-	-
0010	246+08.4' SB'	88.2' LT	1	-	-	-	-	-	-	-	-
0010	260+93.2' BB'	43.7' RT	1	-	-	-	-	-	-	-	-
0010	265+03.8' D'	86.6' LT	1	-	-	-	-	-	-	-	-
0010	250+99' A'	RAMP A & B	-	-	-	2	-	-	-	-	EXTENSIONS LT & RT
0010	256+82' B'	RAMP B	-	-	-	1	-	-	-	-	EXTENSION
0010	245+42' A'	RAMP A	-	-	-	1	-	-	-	-	EXTENSION LT
0010	253+50' A'	RAMP A, LT	-	-	-	-	-	-	-	-	AT P2
0010	257+96' NB'	STH 128 NB, RT	1	-	-	-	-	-	-	-	AT P4
0010	255+09' SB'	STH 128 SB, LT	1	-	-	-	-	-	-	-	AT P6
0010	264+41.6' CB'	STH 128 NB, RT	1	-	-	-	-	-	-	-	AT P7
0010	264+47.6' CB'	RAMP C Byp, LT	1	-	-	-	-	-	-	-	AT P9
0010	262+092' A'	RAMP A Byp, LT	1	-	-	-	-	-	-	-	AT P12
0010	266+54' CB'	RAMP C Byp, LT	1	-	-	-	-	-	-	-	AT P13N
0010	251+24.5' SB'	STH 128 SB, LT	1	-	-	-	-	-	-	-	AT P14N
0010	250+99.1' NB'	STH 128 NB, RT	1	-	-	-	-	-	-	-	AT P27
0010	241+50' SB'	STH 128 SB, LT	1	-	-	-	-	-	-	-	AT P29
0010	240+28.8' NB'	STH 128 NB, RT	1	-	-	-	-	-	-	-	AT P23
0010	256+50' NB'	DRIVEWAY, RT	-	2	-	-	-	-	-	-	-
0010	244+50' SB'	68.8' LT	-	1	-	-	-	-	-	-	-
0010	263+70' SB'	DRIVEWAY, LT	-	-	2	-	-	-	-	-	-
0010	3+53' SR'	SERVICE RD	-	-	2	-	-	-	-	-	-
0010	6+48' SR'	SERVICE RD	-	-	2	-	-	-	-	-	-
0010	10+50' PR'	PARK & RIDE	-	-	2	-	-	-	-	-	-
0010	264+57' NB'	STH 128	-	-	2	-	-	-	-	-	-
0010	253+50' B'	RAMP B	-	-	-	1	-	-	-	-	-
0010	9+39' 50TH'	50TH AVE	-	-	-	2	-	-	-	-	-
0010	2+00' SR'	SERVICE RD	-	-	-	2	-	-	-	-	-
0010	255+80' B'	RAMP B	-	-	-	-	-	2	-	-	-
0010	265+50' D'	RAMP D	-	-	-	-	-	-	2	-	-
TOTAL 0010			16	3	8	10	1	2	2	4	

ICE HOT WEATHER CONCRETING

CATEGORY	STATION TO	STATION	LOCATION	REMARKS
0010	247+50' NB' -	250+25' NB'	B-55-0266	SEE SPV
TOTAL 0010				6135
				6135

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CULVERT PIPE										
CATEGORY	STATION	LOCATION	CULVERT PIPE CLASS 111-B 12-INCH 520.3512	CULVERT PIPE CLASS 111-B 15-INCH 520.3515	CULVERT PIPE CLASS 111-B 18-INCH 520.3518	CULVERT PIPE CLASS 111-B 24-INCH 520.3524	CULVERT PIPE CLASS 111-B 30-INCH 520.3530	CULVERT PIPE REINFORCED CONCRETE CLASS 111 30-INCH 522.0130	CULVERT PIPE REINFORCED CONCRETE CLASS 111 36-INCH 522.0336	REMARKS
0010	253+50' A'	RAMP A, LT	44	-	-	-	-	-	-	
0010	256+50' NB'	DRIVEWAY, RT	-	120	-	-	-	-	-	
0010	263+70' SB'	DRIVEWAY, LT	-	-	32	-	-	-	-	
0010	3+53' SR'	SERVICE RD	-	-	74	-	-	-	-	
0010	6+48' SR'	SERVICE RD	-	-	82	-	-	-	-	
0010	10+50' PR'	PARK & RIDE	-	-	54	-	-	-	-	
0010	264+57' NB'	STH 128	-	-	62	-	-	-	-	
0010	253+50' B'	RAMP B	-	-	62	-	-	-	-	
0010	9+39' 50TH'	50TH AVE	-	-	70	-	-	-	-	
0010	2+00' SR'	SERVICE RD	-	-	64	-	-	-	-	
0010	255+80' B'	RAMP B	-	-	-	-	94	-	-	
0010	265+50' D'	RAMP D	-	-	-	-	-	-	-	
0010	250+99' A'	RAMP A	-	-	-	-	-	-	-	
0010	250+99' A'	RAMP B	-	-	20	-	-	-	-	
0010	256+82' B'	RAMP B	-	-	60	-	-	-	-	
0010	245+42' A'	RAMP A	-	-	16	-	-	-	-	
		TOTAL 0010	44	120	242	354	32	94	58	8

SPECIAL 01. CONCRETE SIDEWALK										
CATEGORY	STATION	TO	STATION	LOCATION	CONCRETE SIDEWALK 5-1 INCH 602.0410	CONCRETE SIDEWALK 6-1 INCH 602.0415	SPECIAL 01. CONCRETE SIDEWALK CURE AND SEAL TREATMENT SPV. 0165.01	REMARKS	602.0515	REMARKS
0010	244+33' SB'	-	247+88' SB'	STH 128 SB, LT	1830	-	1830		12	RAMP A, LT
0010	243+54' NB'	-	247+70' NB'	STH 128 NB, RT	2667	-	2667		12	RAMP A, RT
0010	250+06' NB'	-	253+70' NB'	STH 128 NB, RT	1870	-	1870		12	RAMP A BYPASS, RT
0010	250+25' SB'	-	255+63' SB'	STH 128 SB, LT	3104	-	3104		12	RAMP A BYPASS, LT
0010	240+44' NB'	-	244+80' NB'	STH 128	-	14900	14900		12	RAMP C, RT
0010	260+91' BB'	-	262+82' BB'	RAMP B	-	5026	5026	MEDI AN	12	RAMP C, LT
0010	264+27' CB'	-	266+58' CB'	RAMP C	-	5868	5868	MEDI AN	12	RAMP C BYPASS, RT
0010	262+06' AB'	-	265+43' AB'	RAMP A	-	4124	4124	MEDI AN	12	RAMP B BYPASS, RT
0010	252+95' NB'	-	258+32' NB'	STH 128	-	6200	6200	MEDI AN	12	RAMP B, RT
0010	246+77' NB'	-	247+20' NB'	STH 128	-	652	652	MEDI AN	12	RAMP B, LT
0010	250+56' NB'	-	250+98' NB'	STH 128	-	684	684	MEDI AN	12	RAMP D, LT
				TOTAL 0010	9471	36118	46925		168	TOTAL 0010

CURB RAMP DETECTABLE WARNING FIELD NATURAL PATINA

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*FOR USE WITH CONCRETE PIPE ONLY		STORM SEWER PIPE		STORM SEWER PIPE ONLY		STORM SEWER PIPE		(INFO ONLY) *JOINT TILES FOR CONCRETE EACH		REMARKS
CATEGORY	STATION	LOCATION	CLASS 111-B 12-INCH 608.3612	CLASS 111-B 15-INCH 608.3615	LF	LF	LF	CONCRETE	CONCRETE	
0010	257+96' NB'	STH 128 NB	6	-	-	-	-	-	-	P1
0010	257+96' NB'	STH 128 NB	37	-	-	-	-	-	-	P2
0010	255+09' SB'	STH 128 SB	9	-	-	-	-	-	-	P3
0010	255+09' SB'	RAMP AB	52	-	-	-	-	-	-	P4
0010	252+75' NB'	ROUNDABOUT NO	26	-	-	-	-	-	-	P5
0010	252+98' NB'	STH 128 NB	95	-	-	-	-	-	-	P6
0010	252+52' NB'	RAMP CB	65	-	-	-	-	-	-	P7
0010	252+33' SB'	RAMP A	123	-	-	-	-	-	-	P8
0010	262+10' A'	RAMP AB	44	-	-	-	-	-	-	P9
0010	266+14' C'	RAMP C	47	-	-	-	-	-	-	P11
0010	266+60' C'	RAMP CB	56	-	-	-	-	-	-	P12
0010	247+33' NB'	STH 128 NB/SB	42	-	-	-	-	-	-	P13
0010	251+25' SB'	STH 128 SB	42	-	-	-	-	-	-	P13N
0010	251+01' NB'	STH 128 NB	38	-	-	-	-	-	-	P14N
0010	260+50' B'	RAMP B	62	-	-	-	-	-	-	P16
0010	260+87' B'	RAMP BB	8	-	-	-	-	-	-	P17
0010	245+38' SB'	RAMP B	15	-	-	-	-	-	-	P19
0010	245+30' SB'	RAMP BB	83	-	-	-	-	-	-	P20
0010	244+87' NB'	ROUNDABOUT SO	25	-	-	-	-	-	-	P21
0010	244+69' NB'	STH 128 SB	67	-	-	-	-	-	-	P22
0010	243+50' NB'	STH 128NB/SB	137	-	-	-	-	-	-	P24
0010	245+65' NB'	RAMP D	8	-	-	-	-	-	-	P25
0010	241+50' NB'	STH 128 SB	50	-	-	-	-	-	-	P27
0010	240+64' NB'	STH 128 NB	17	-	-	-	-	-	-	P28
0010	240+46' NB'	STH 128 NB	59	-	-	-	-	-	-	P29
0010	244+50' SB'	STH 128 SB	-	-	-	52	-	-	-	P23
TOTAL					0010	1213	52	44	44	

RIPRAP AND GEOTEXTILE

CATEGORY	STATION	LOCATION	RI PRAP MEDIUM 606.0200 CY	GEOTEXTILE FABRIC TYPE HR 645.0120 SY	REMARKS
0010	265+09.5' C'	50.4' RT	3	12	AT P10.3
0010	247+31.3' SB'	64.4' LT	3	12	AT P14.3
0010	246+08.2' SB'	87.5' LT	3	12	AT P15.3
0010	260+94.0' BB'	42.1' RT	3	12	AT P18.3
0010	265+00.8' D'	84.6' LT	3	12	AT P26.3
0010	256+50' NB'	DRIVEWAY, RT	3	12	
0010	263+70' SB'	DRIVEWAY, LT	5	20	
0010	264+57' NB'	STH 128, LT	6	22	
0010	253+50' A'	RAMP A, LT	3	12	
0010	250+99' B'	RAMP B, RT	6	22	
0010	253+50' B'	RAMP B, RT	6	22	
0010	255+78' B'	RAMP B, LT	7	26	
0010	256+82' B'	RAMP B, LT	6	22	
0010	265+50' D'	RAMP D, RT	8	30	
0010	9+39.50TH	50TH AVE, RT	6	22	
0010	2+00' SR'	SERVICE RD, LT	6	22	
0010	3+53' SR'	SERVICE RD, LT	5	20	
0010	6+48' SR'	SERVICE RD, LT	5	20	
0010	10+50' PR'	PARK & RIDE, LT	5	20	
0010	257+96' NB'	35.3' RT	3	12	AT P2
0010	255+09' SB'	79.8' LT	3	12	AT P4
0010	264+41.6' CB'	42.8' LT	3	12	AT P6
0010	264+45.3' CB'	31.8' LT	3	12	AT P7
0010	262+09.2' A'	60.7' LT	3	12	AT P9
0010	266+54' CB'	38.2' LT	3	12	AT P12
0010	251+24.5' SB'	61.7' LT	3	12	AT P 13
0010	250+99.1' NB'	57.5' RT	3	12	AT P 14
0010	241+50' SB'	35.8' LT	3	12	AT P27
0010	240+46.7' NB'	53.0' RT	3	12	AT P29
0010	244+50' SB'	68.8' LT	5	20	AT P23
TOTAL			0010	127	492

PORTABLE
CHANGEABLE
MESSAGE
SIGNS (POMS)
CELLULAR
COMMUNICATIONS
SPV. 0045. 01

TRAFFIC CONTROL

CATEGORY	STATION	LOCATION	TRAFFIC CONTROL DRUMS TYPE A 643. 0300	TRAFFIC CONTROL WARNING LIGHTS TYPE A 643. 0705	TRAFFIC CONTROL WARNING LIGHTS TYPE C 643. 0715	TRAFFIC CONTROL ARROW BOARDS 643. 0800	TRAFFIC CONTROL SIGNS TYPE I 643. 0910	TRAFFIC CONTROL SIGNS TYPE II 643. 0920	TRAFFIC CONTROL SIGNS TYPE I 643. 0920	REMARKS
0010	PROJECT	STH 128 / IH 94	36600	2300	3000	520	10900	2	4	900
	TOTAL	0010	36600	2300	3000	520	10900	2	4	900

TEMPORARY PAVEMENT MARKING

CATEGORY	STATION	LOCATION	TEMPORARY PAVEMENT MARKING EPOXY 4-1 INCH 649. 0400	TEMPORARY PAVEMENT MARKING EPOXY 4-1 INCH 649. 0403	PAVEMENT MARKING STOP LINE REMOVAL TAPE 18-1 INCH 649. 1200	REMARKS
0010	PROJECT	STH 128 / IH 94	1000	1000	-	UNDI STRIBUTED
0010	PROJECT	RAMPS	-	-	60	STAGE CONSTRUCTION
	TOTAL	0010	1000	1000	60	

REMOVING PAVEMENT MARKINGS

CATEGORY	STATION	LOCATION	REMOVING PAVEMENT MARKINGS LF	REMARKS
0010	PROJECT	STH 128 / IH 94	1000	UNDI STRIBUTED
	TOTAL	0010	1000	

CONSTRUCTION STAKING STORM SEWER

CATEGORY	STATION	LOCATION	REMARKS
0010	PROJECT	STH 128 / RAMPS	650. 4000 EACH
	TOTAL	0010	31
			ALL INLETS / MANHOLES
			31

CONSTRUCTION STAKING PIPE CULVERTS

CATEGORY	STATION	LOCATION	REMARKS
0010	PROJECT	STH 128 / RAMPS	650. 6000 EACH
	TOTAL	0010	15

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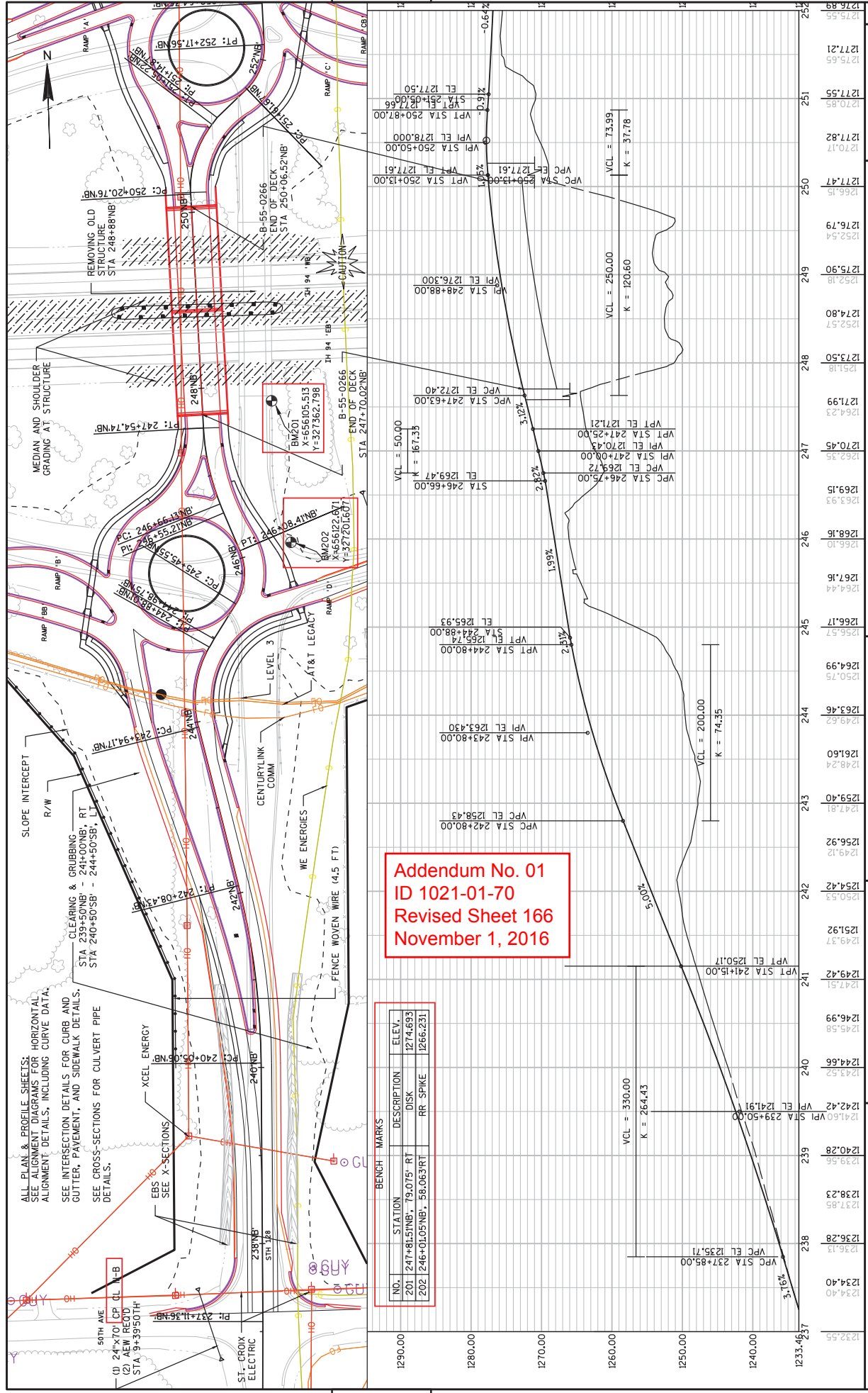
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CATEGORY	STATION TO	STATION	LOCATION	PAVEMENT MARKING EPOXY		PAVEMENT MARKING EPOXY		PAVEMENT MARKING EPOXY		PAVEMENT MARKING EPOXY		PAVEMENT MARKING EPOXY		PAVEMENT MARKING EPOXY		REMARKS
				LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	
0010	237+22' NB'	- 238+60' NB'	STH 128 NB	138												
0010	238+60' SB'	- 244+93' SB'	STH 128 SB	633												DOUBLE YELLOW
0010	265+50' AB'	- 266+32' AB'	RAMP A BYPASS, RT													WHITE
0010	263+04' A'	- 263+04' A'	RAMP A													
0010	262+98' A'	- 262+98' A'	RAMP A													
0010	263+03' AB'	- 263+03' AB'	RAMP A BYPASS													
0010	262+97' AB'	- 262+97' AB'	RAMP A BYPASS													
0010	264+58' C'	- 264+58' C'	RAMP C													
0010	264+49' C'	- 264+49' C'	RAMP C													
0010	264+69' CB'	- 264+69' CB'	RAMP C BYPASS													
0010	264+62' CB'	- 264+62' CB'	RAMP C BYPASS													
0010	264+39' D'	- 264+39' D'	RAMP D													
0010	264+33' D'	- 264+33' D'	RAMP D													
0010	262+61' B'	- 262+61' B'	RAMP B													
0010	262+62' B'	- 262+62' B'	RAMP B													
0010	262+50' BB'	- 262+50' BB'	RAMP B BYPASS													
0010	262+43' BB'	- 262+43' BB'	RAMP B BYPASS													
			SUBTOTAL 0010	0	0	0	0	0	0	0	0	0	0	0	0	240
			TOTAL 0010	9858	2780	170	13053	2077	40	1534	450	240				

CONSTRUCTION STAKING GRADE			
CATEGORY	STATION TO	STATION	LOCATION
0010	237+22' NB'	- 265+07' NB'	STH 128 NB
0010	237+22' SB'	- 265+39' SB'	STH 128 SB
0010	241+00' A'	- 263+42' A'	RAMP A
0010	262+04' AB'	- 263+98' AB'	RAMP A Byp
0010	245+66' B'	- 262+87' B'	RAMP B
0010	260+84' BB'	- 262+89' BB'	RAMP B Byp
0010	264+25' C'	- 280+54' C'	RAMP C
0010	264+22' CB'	- 270+15' CB'	RAMP C Byp
0010	263+98' D'	- 268+00' D'	RAMP D
0010	1+30' SR'	- 7+30' SR'	SERVICE RD
0010	21+50' ED'	- 23+75' ED'	EAST DR
0010	11+50' WD'	- 14+50' WD'	WEST DR
0010	10+19' PR'	- 13+13' PR'	PARK & RIDE
0010	257+02' NB'	- 267+17' NB'	STH 128 NB
0010	259+87' SB'	- 267+48' SB'	STH 128 SB
			TOTAL 0010

CONSTRUCTION STAKING		CONSTRUCTION STAKING		CONSTRUCTION STAKING	
CATEGORY	LF	CATEGORY	LF	CATEGORY	LF
CONSTRUCTION STAKING SLOPE	2785	CONSTRUCTION STAKING BASE	2785	CONSTRUCTION STAKING SLOPE	2785
CONSTRUCTION STAKING STAKES	2817	CONSTRUCTION STAKING STAKES	2817	CONSTRUCTION STAKING STAKES	2817
CONSTRUCTION STAKING STAKES	2242	CONSTRUCTION STAKING STAKES	2242	CONSTRUCTION STAKING STAKES	2242
CONSTRUCTION STAKING STAKES	194	CONSTRUCTION STAKING STAKES	194	CONSTRUCTION STAKING STAKES	194
CONSTRUCTION STAKING STAKES	1721	CONSTRUCTION STAKING STAKES	1721	CONSTRUCTION STAKING STAKES	1721
CONSTRUCTION STAKING STAKES	205	CONSTRUCTION STAKING STAKES	205	CONSTRUCTION STAKING STAKES	205
CONSTRUCTION STAKING STAKES	1140	CONSTRUCTION STAKING STAKES	1140	CONSTRUCTION STAKING STAKES	1140
CONSTRUCTION STAKING STAKES	593	CONSTRUCTION STAKING STAKES	593	CONSTRUCTION STAKING STAKES	593
CONSTRUCTION STAKING STAKES	402	CONSTRUCTION STAKING STAKES	402	CONSTRUCTION STAKING STAKES	402
CONSTRUCTION STAKING STAKES	600	CONSTRUCTION STAKING STAKES	600	CONSTRUCTION STAKING STAKES	600
CONSTRUCTION STAKING STAKES	225	CONSTRUCTION STAKING STAKES	225	CONSTRUCTION STAKING STAKES	225
CONSTRUCTION STAKING STAKES	300	CONSTRUCTION STAKING STAKES	300	CONSTRUCTION STAKING STAKES	300
CONSTRUCTION STAKING STAKES	294	CONSTRUCTION STAKING STAKES	294	CONSTRUCTION STAKING STAKES	294
CONSTRUCTION STAKING STAKES	1015	CONSTRUCTION STAKING STAKES	1015	CONSTRUCTION STAKING STAKES	1015
CONSTRUCTION STAKING STAKES	761	CONSTRUCTION STAKING STAKES	761	CONSTRUCTION STAKING STAKES	761
	15294		15000		15294

SPECIAL 03. BORE AND JACK CULVERT PIPE REINFORCED CONCRETE CLASS IV 36-INCH			
CATEGORY	STATION	LOCATION	REMARKS
0010	265+50' D'	RAMP D	SPV. 0090. 03
		TOTAL 0010	118
		TOTAL 0010	118



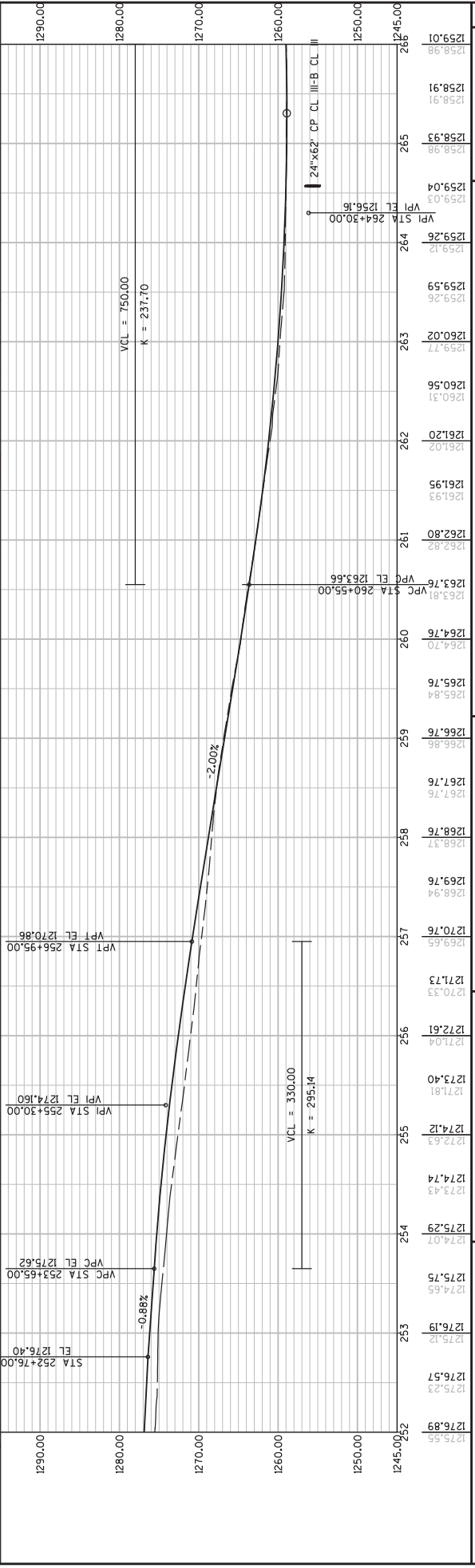
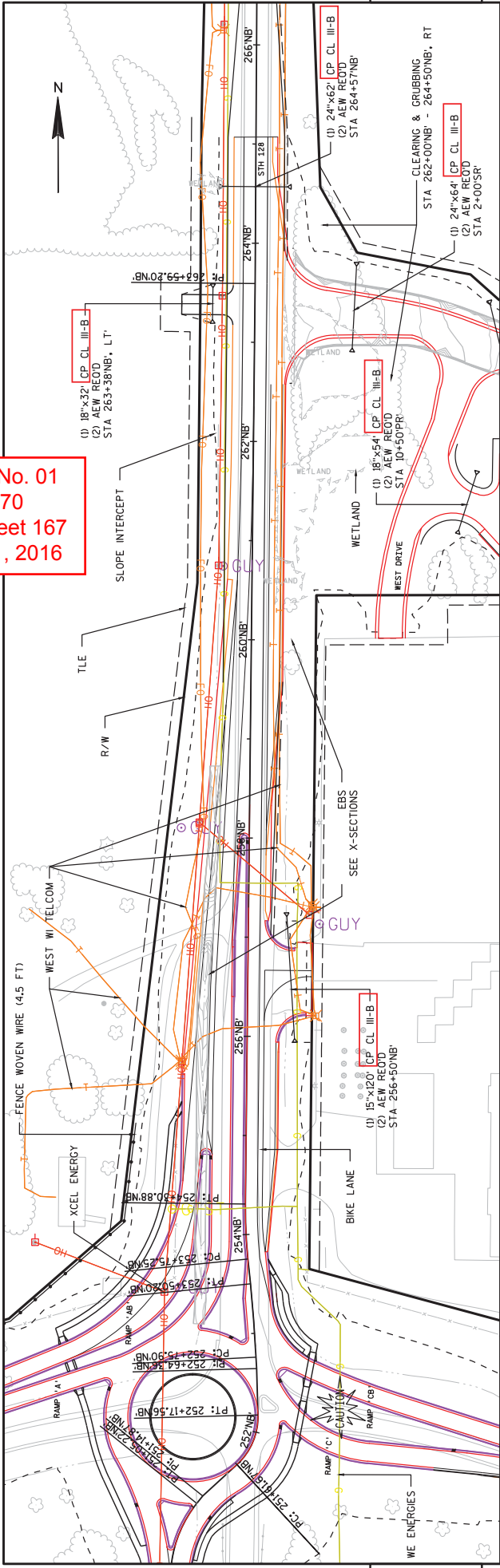
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NO.	STATION	DESCRIPTION	ELEV.
201	247+81.5 NB	7.075' RT DISK	1274.693
202	246+01.05 NB	58.063 RT RR SPIKE	1266.231

ALL PLAN & PROFILE SHEETS:
 SEE ALIGNMENT DIAGRAMS FOR HORIZONTAL ALIGNMENT DETAILS, INCLUDING CURVE DATA;
 SEE INTERSECTION DETAILS FOR CURB AND GUTTER, PAVEMENT, AND SIDEWALK DETAILS;
 SEE CROSS-SECTIONS FOR CULVERT PIPE DETAILS.

- (1) 24+70' CP (L) NB
- (2) AEW REDD STA 9+39.50 TH

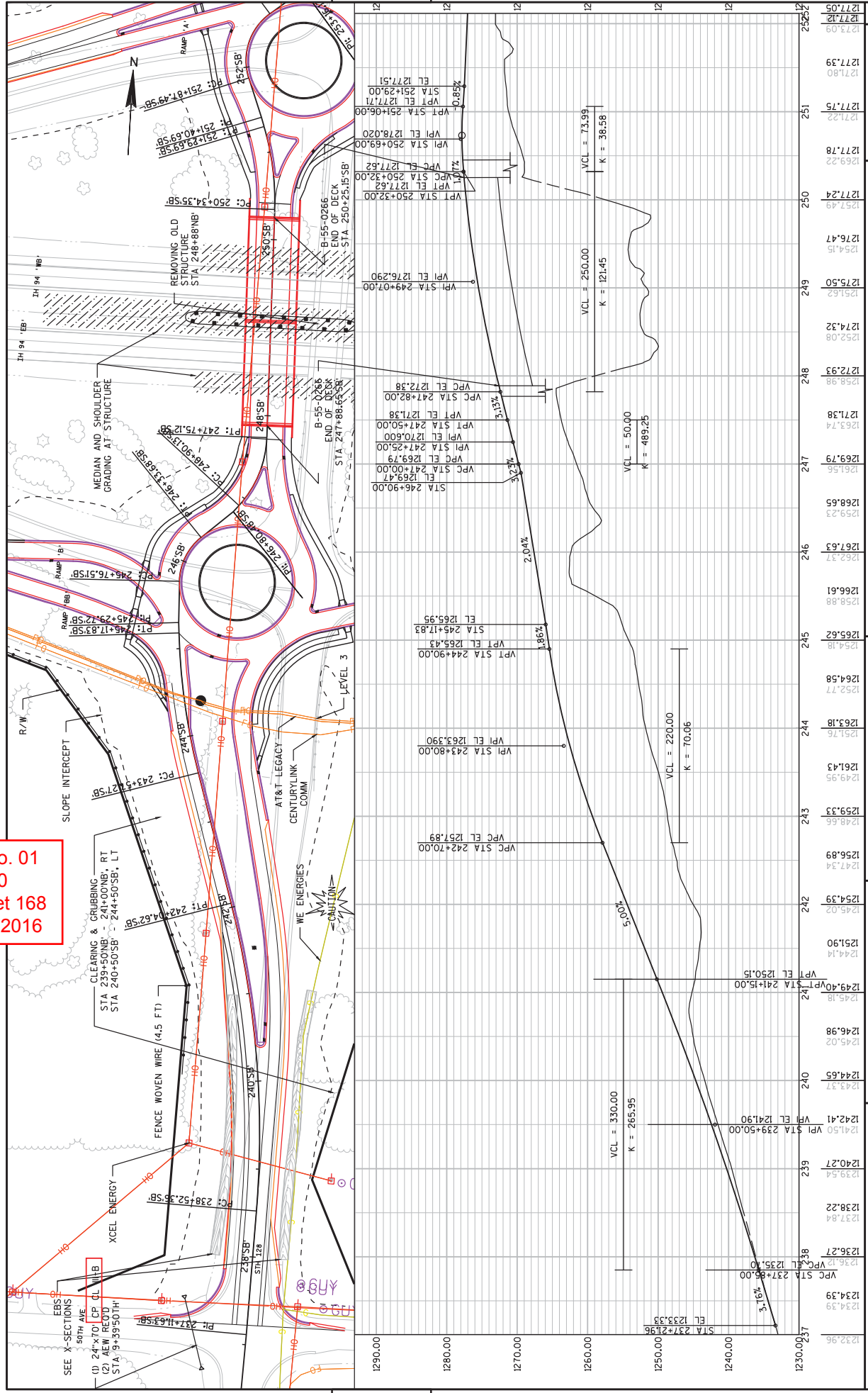
Addendum No. 01
 ID 1021-01-70
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STATION	ELEVATION	PLAN AND PROFILE: STH 128 NB	COUNTY: ST. CROIX	HWY: IH 94	PROJECT NO: 1021-01-70	SHEET 167
252+00	1275.55	1275.55				
252+05	1276.89	1276.89				
252+10	1276.57	1276.57				
252+15	1276.19	1276.19				
252+20	1274.65	1274.65				
252+25	1275.75	1275.75				
252+30	1274.07	1274.07				
252+35	1275.29	1275.29				
252+40	1274.74	1274.74				
252+45	1274.12	1274.12				
252+50	1271.81	1271.81				
252+55	1273.40	1273.40				
252+60	1272.61	1272.61				
252+65	1270.33	1270.33				
252+70	1271.73	1271.73				
252+75	1269.65	1269.65				
252+80	1270.76	1270.76				
252+85	1268.94	1268.94				
252+90	1268.76	1268.76				
252+95	1268.37	1268.37				
253+00	1268.76	1268.76				
253+05	1267.76	1267.76				
253+10	1266.76	1266.76				
253+15	1265.84	1265.84				
253+20	1265.76	1265.76				
253+25	1264.76	1264.76				
253+30	1263.81	1263.81				
253+35	1263.76	1263.76				
253+40	1262.82	1262.82				
253+45	1262.80	1262.80				
253+50	1261.93	1261.93				
253+55	1261.20	1261.20				
253+60	1260.31	1260.31				
253+65	1260.02	1260.02				
253+70	1259.26	1259.26				
253+75	1259.59	1259.59				
253+80	1259.12	1259.12				
253+85	1259.26	1259.26				
253+90	1259.03	1259.03				
253+95	1258.93	1258.93				
254+00	1258.91	1258.91				
254+05	1258.98	1258.98				
254+10	1259.01	1259.01				

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 PROJECT NO: 1021-01-70
 COUNTY: ST. CROIX
 HWY: IH 94
 PLAN AND PROFILE: STH 128 NB
 SHEET 167

**Addendum No. 01
ID 1021-01-70
Revised Sheet 168
November 1, 2016**



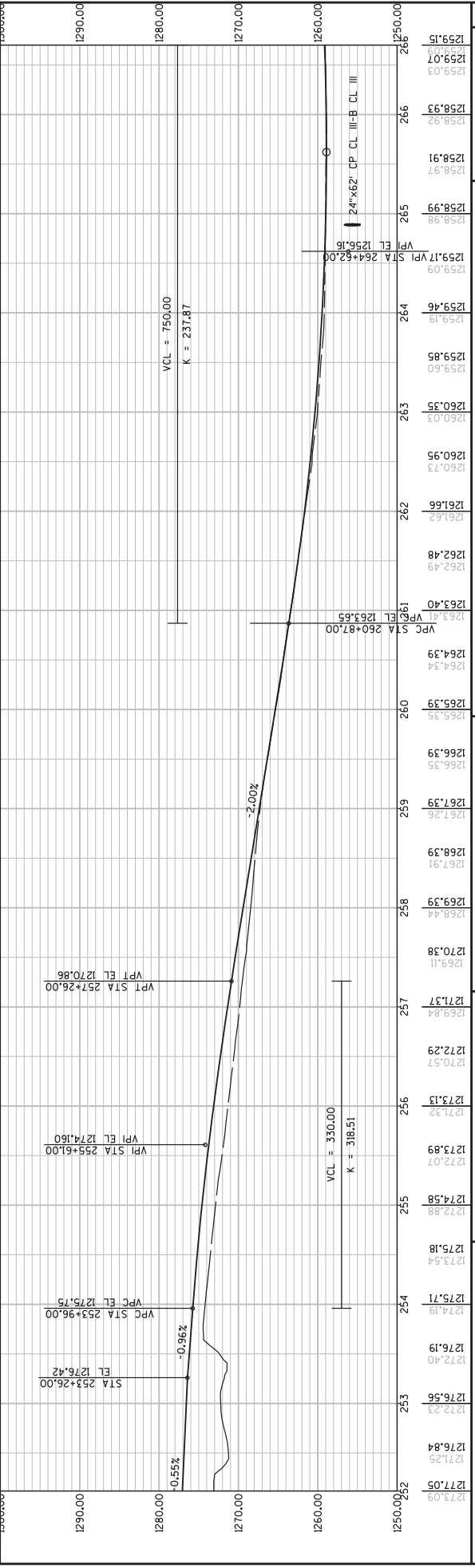
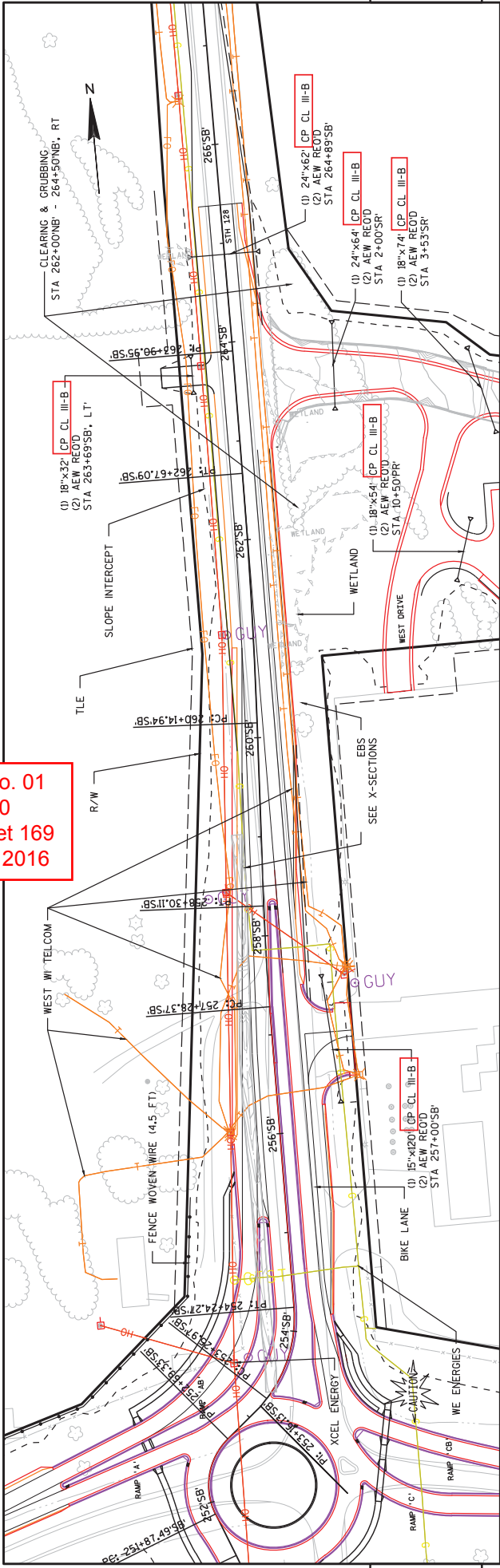
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1230.00	238	1236.27	1236.27	1271.78	1273.09
1230.00	239	1238.22	1238.22	1271.78	1273.09
1230.00	240	1240.27	1240.27	1271.78	1273.09
1230.00	241	1242.41	1242.41	1271.78	1273.09
1230.00	242	1244.65	1244.65	1271.78	1273.09
1230.00	243	1246.98	1246.98	1271.78	1273.09
1230.00	244	1249.40	1249.40	1271.78	1273.09
1230.00	245	1251.76	1251.76	1271.78	1273.09
1230.00	246	1254.18	1254.18	1271.78	1273.09
1230.00	247	1256.62	1256.62	1271.78	1273.09
1230.00	248	1259.06	1259.06	1271.78	1273.09
1230.00	249	1261.43	1261.43	1271.78	1273.09
1230.00	250	1263.79	1263.79	1271.78	1273.09
1230.00	251	1266.15	1266.15	1271.78	1273.09
1230.00	252	1268.51	1268.51	1271.78	1273.09

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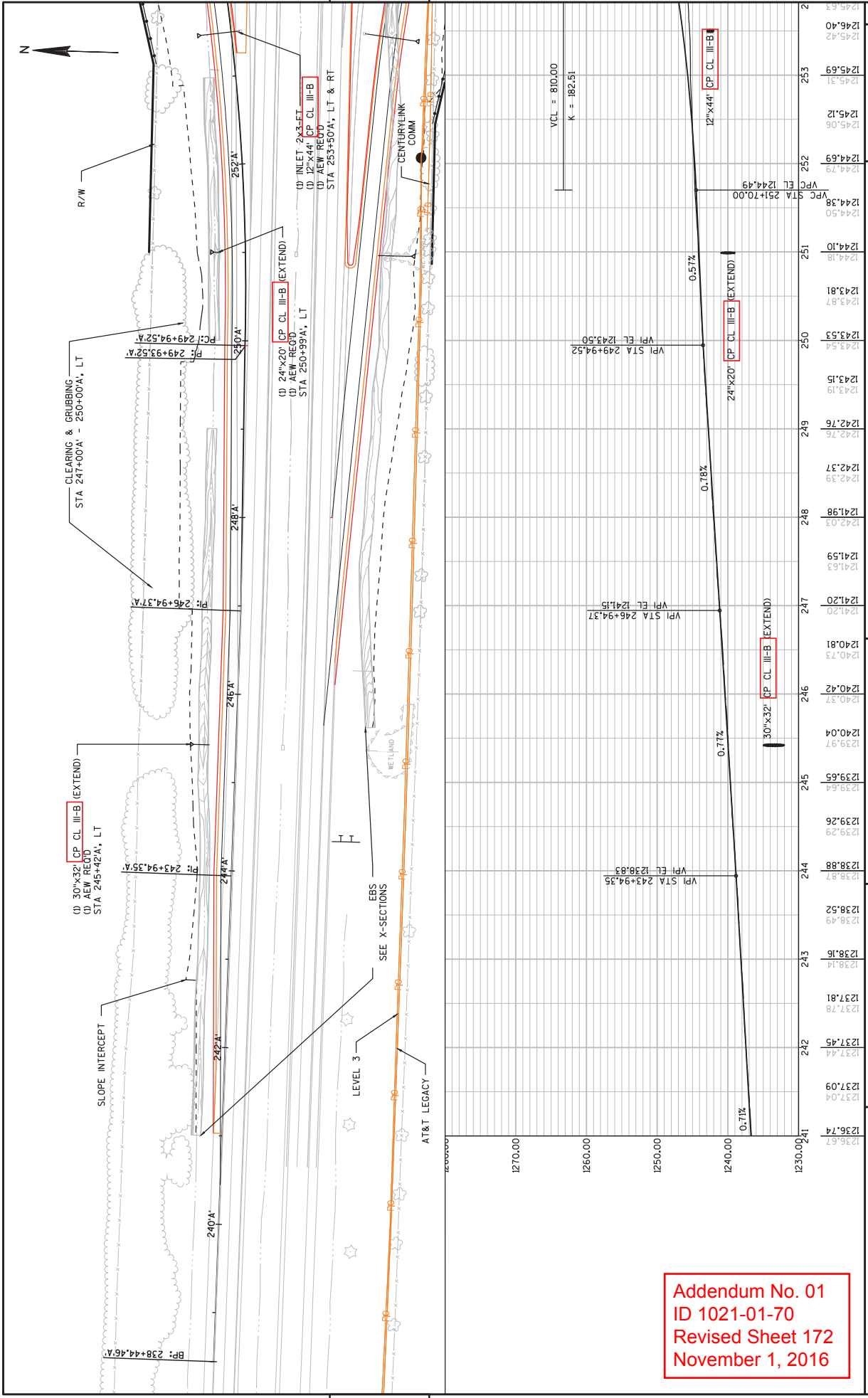
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PLOT SCALE : 1 IN=100 FT
PLOT NAME :

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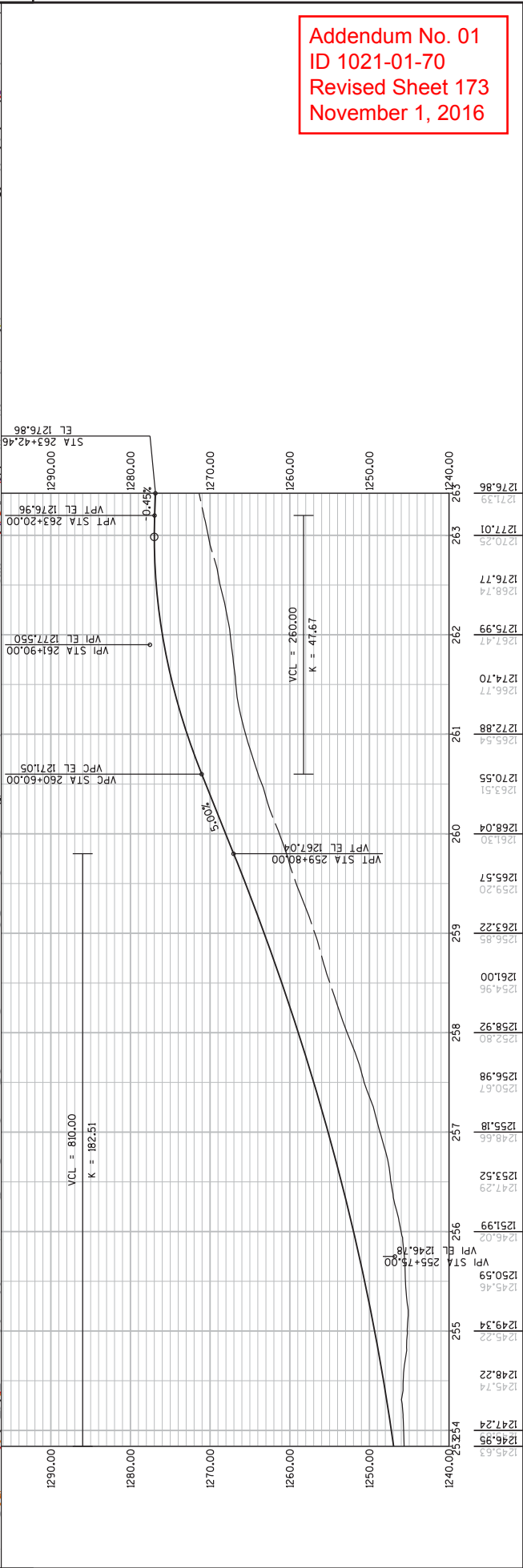
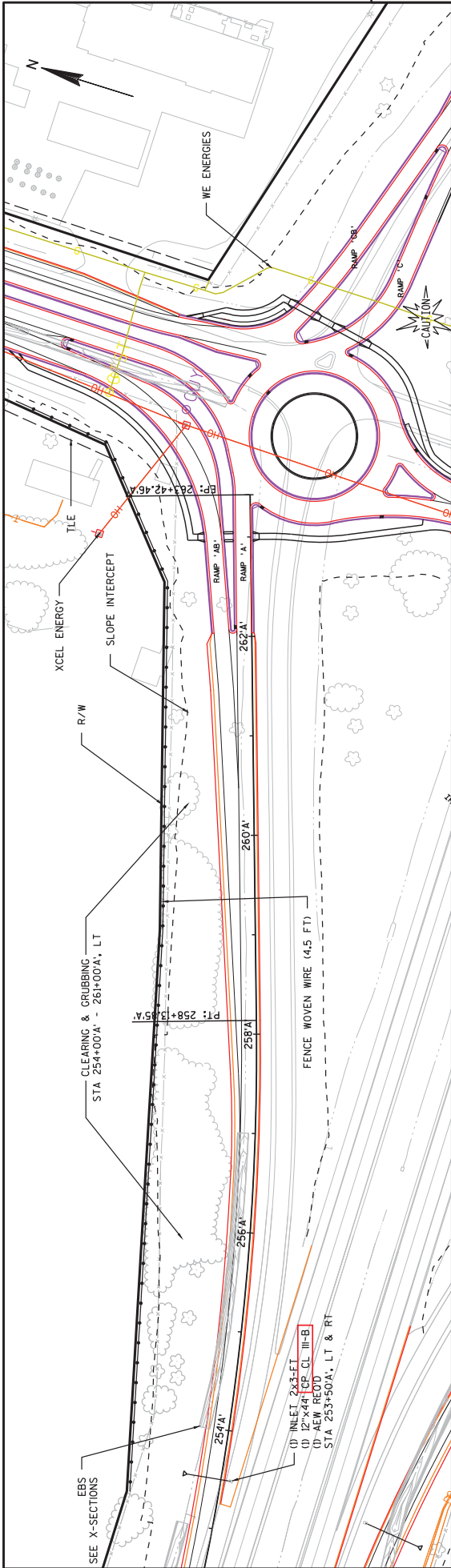
STATION	ELEVATION	PLAN AND PROFILE: STH 128 SB	COUNTY: ST. CROIX	HWY: IH 94	PROJECT NO: 1021-01-70	SHEET 169
252	1273.09					
253	1272.23					
254	1271.25					
255	1273.54					
256	1273.13					
257	1271.37					
258	1269.39					
259	1267.26					
260	1265.35					
261	1263.40					
262	1261.66					
263	1260.03					
264	1259.46					
265	1258.99					
266	1258.93					
267	1259.07					
268	1259.03					
269	1259.15					



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PROJECT NO: 1021-01-70	COUNTY: ST. CROIX	PLAN AND PROFILE: RAMP A (NW RAMP)	SHEET 172	E
HWY: IH 94	DATE: 10/18/2016 2:56 PM	PLOT BY: THAO, KOU	PLOT SCALE: 1 IN=100 FT	WSDOT/CADD SHEET 44
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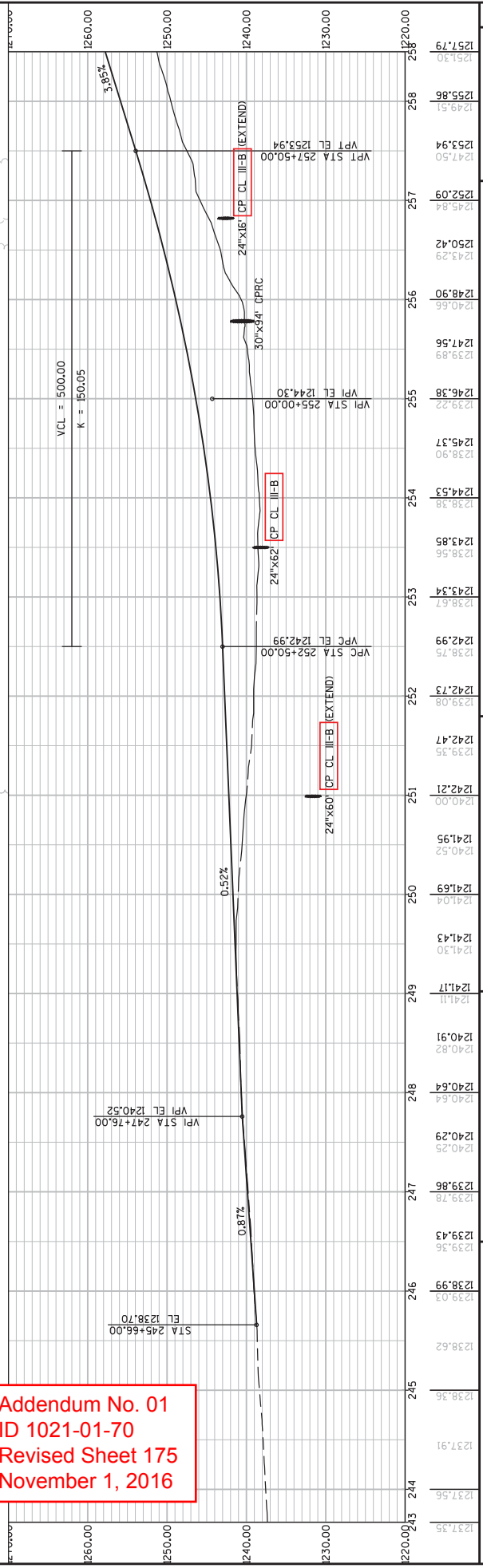
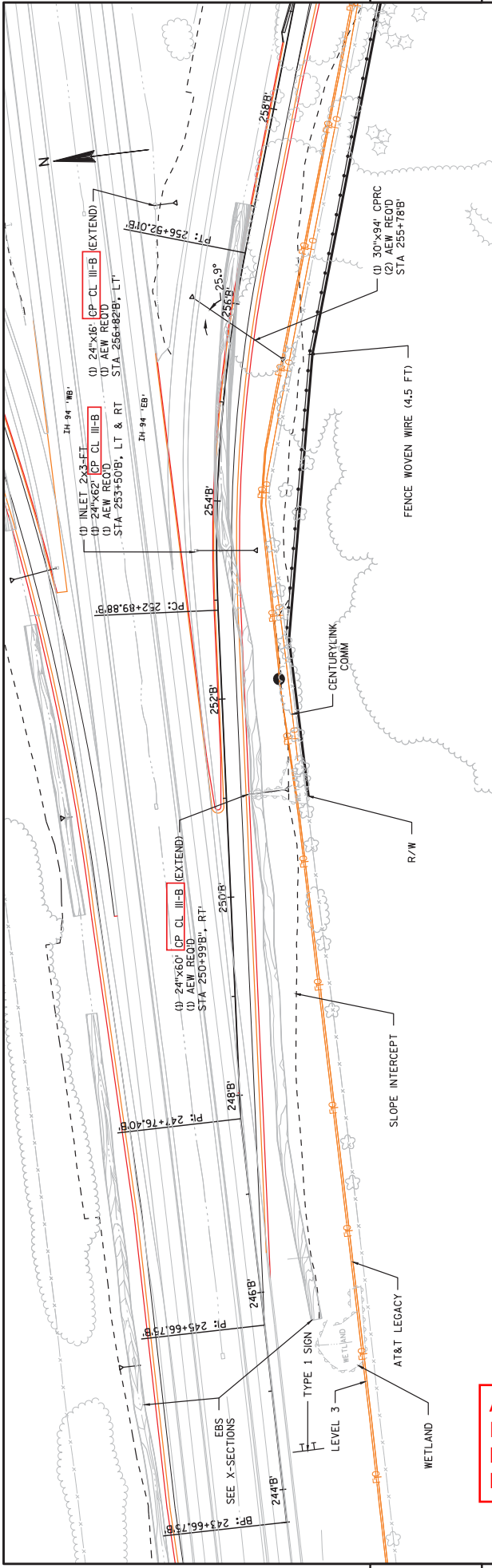
Addendum No. 01
 ID 1021-01-70
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STATION	ELEVATION (FT)	PLAN AND PROFILE: RAMP A (NW RAMP)	COUNTY: ST. CROIX	HWY: IH 94	PROJECT NO: 1021-01-70
1245.63	1247.24	1247.24			
1248.22	1248.22	1248.22			
1249.34	1249.34	1249.34			
1250.59	1250.59	1250.59			
1251.99	1251.99	1251.99			
1253.52	1253.52	1253.52			
1255.18	1255.18	1255.18			
1256.67	1256.67	1256.67			
1258.92	1258.92	1258.92			
1259.80	1259.80	1259.80			
1258.92	1258.92	1258.92			
1254.96	1254.96	1254.96			
1256.85	1256.85	1256.85			
1263.22	1263.22	1263.22			
1259.20	1259.20	1259.20			
1265.57	1265.57	1265.57			
1261.30	1261.30	1261.30			
1268.04	1268.04	1268.04			
1270.51	1270.51	1270.51			
1270.55	1270.55	1270.55			
1272.88	1272.88	1272.88			
1266.77	1266.77	1266.77			
1274.70	1274.70	1274.70			
1267.47	1267.47	1267.47			
1275.99	1275.99	1275.99			
1268.74	1268.74	1268.74			
1276.77	1276.77	1276.77			
1270.25	1270.25	1270.25			
1277.01	1277.01	1277.01			
1271.39	1271.39	1271.39			
1276.86	1276.86	1276.86			

PROJECT NO: 1021-01-70
 COUNTY: ST. CROIX
 HWY: IH 94
 PLAN AND PROFILE: RAMP A (NW RAMP)
 SHEET 173
 E

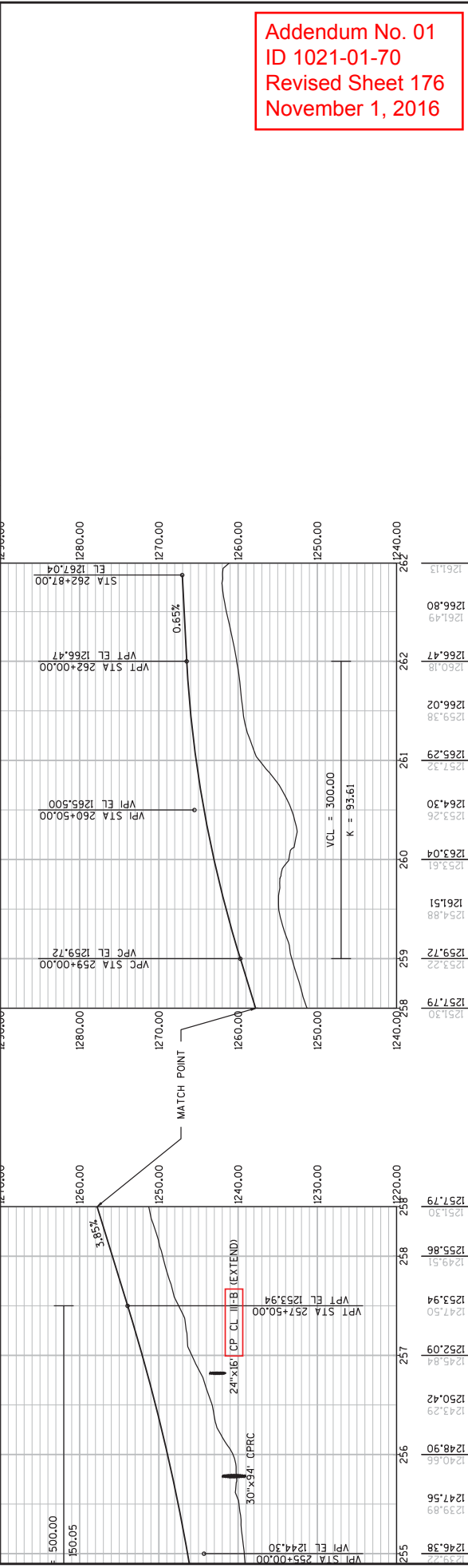
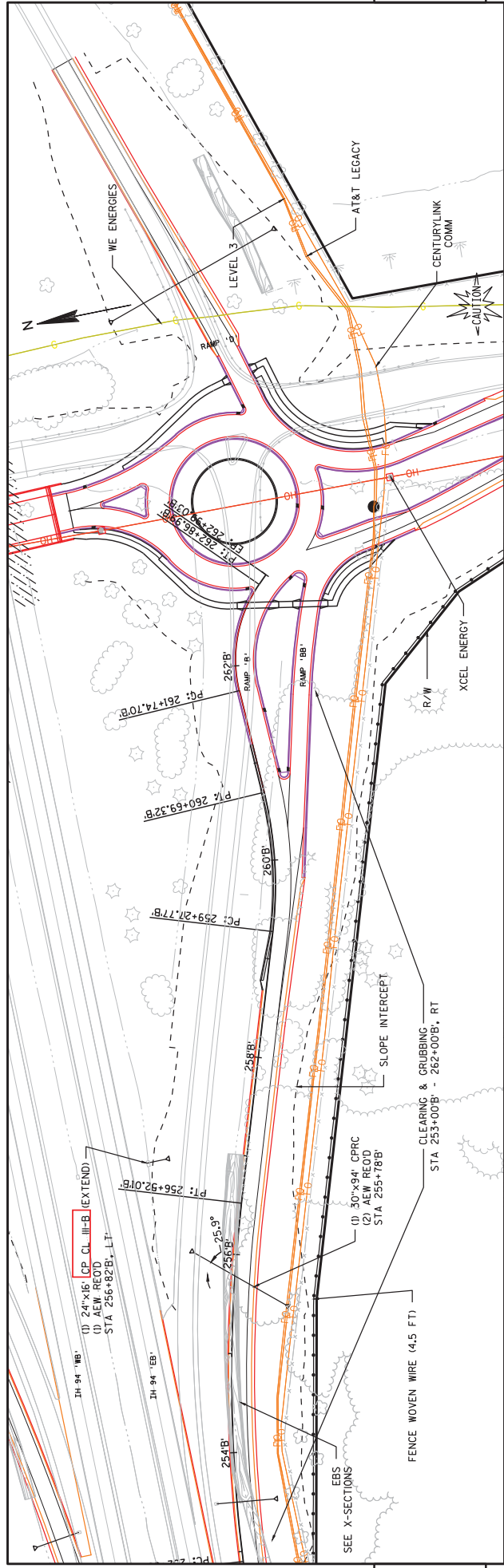
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 PLOT BY : THAO, KOU
 PLOT NAME :
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PROJECT NO:	ST. CROIX	PLAN AND PROFILE:	SHEET	E
1021-01-70		RAMP B (SW RAMP)	175	
HWY:	IH 94			
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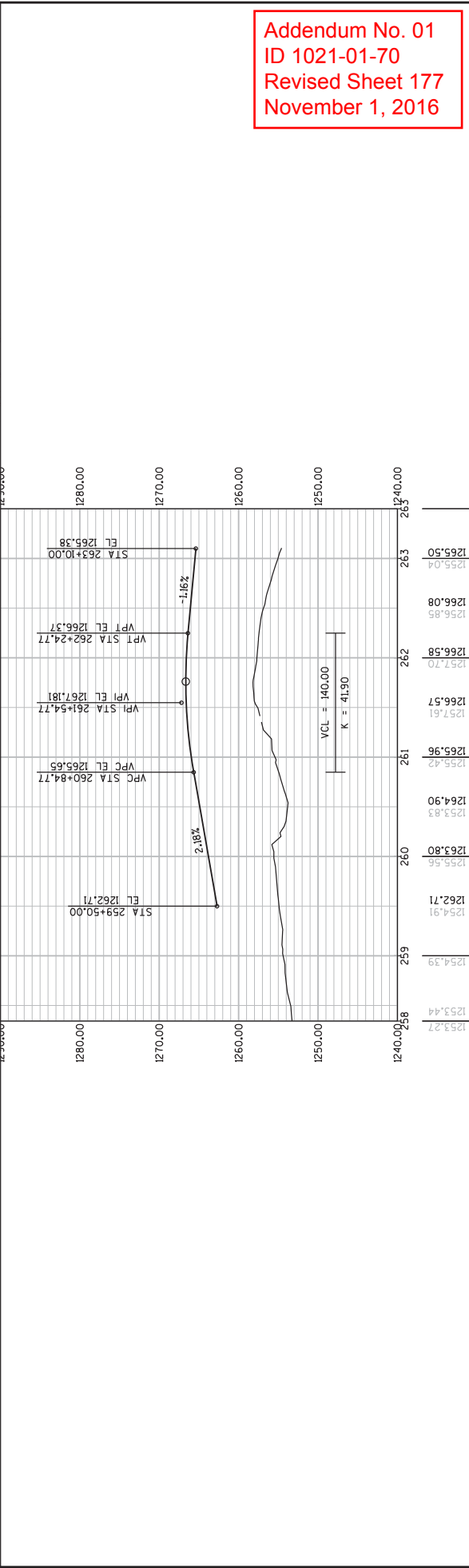
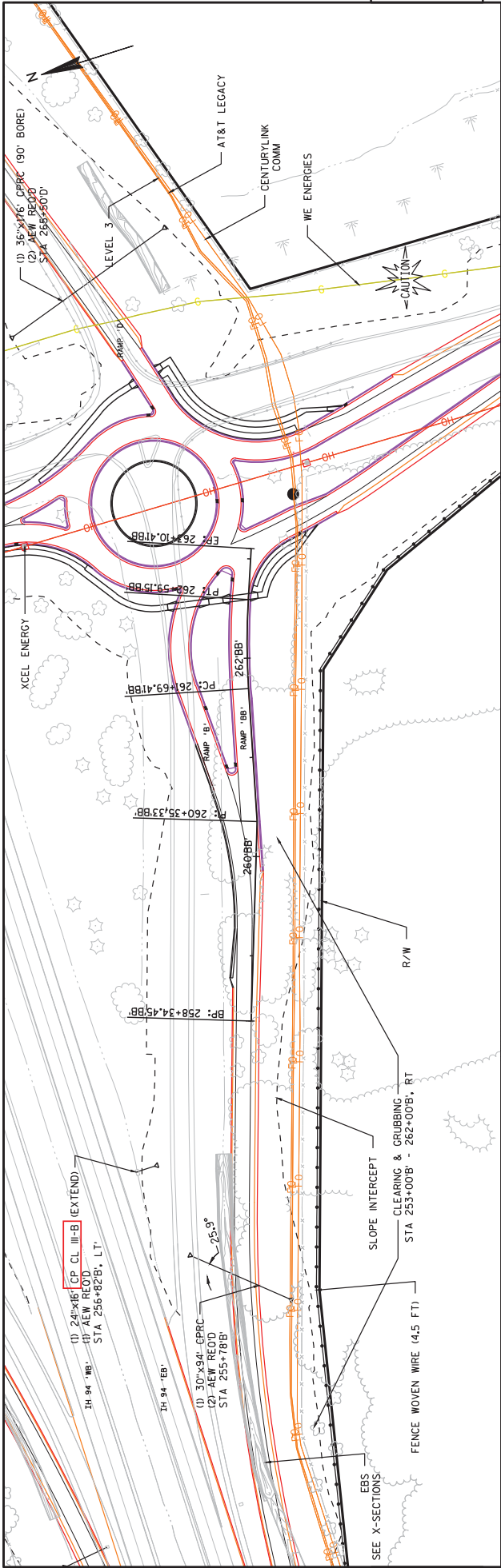
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STATION	ELEVATION	DESCRIPTION
255+00	1246.38	VPI STA 255+00.00, VPI EL 1244.30
255+05	1239.89	
256+00	1248.90	
256+42	1250.42	
257+00	1252.09	
257+50	1253.94	VPI STA 257+50.00, VPI EL 1253.94
258+00	1255.86	
258+30	1257.79	
259+00	1259.72	
259+22	1259.72	VPC STA 259+00.00, VPC EL 1259.72
259+51	1261.51	
259+61	1263.04	
259+26	1263.26	VPI STA 260+50.00, VPI EL 1265.500
260+30	1264.30	
260+32	1265.29	
260+38	1265.38	
261+02	1266.02	
261+18	1266.47	VPI STA 262+00.00, VPI EL 1266.47
261+49	1266.80	
261+13	1261.13	STA 262+87.00, EL 1267.04

PROJECT NO: 1021-01-70
 COUNTY: ST. CROIX
 HWY: IH 94
 PLAN AND PROFILE: RAMP B (SW RAMP)
 SHEET 176
 PLOT DATE: 10/19/2016 7:39 AM
 PLOT BY: THAO, KOU
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 ID 1021-01-70
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 November 1, 2016

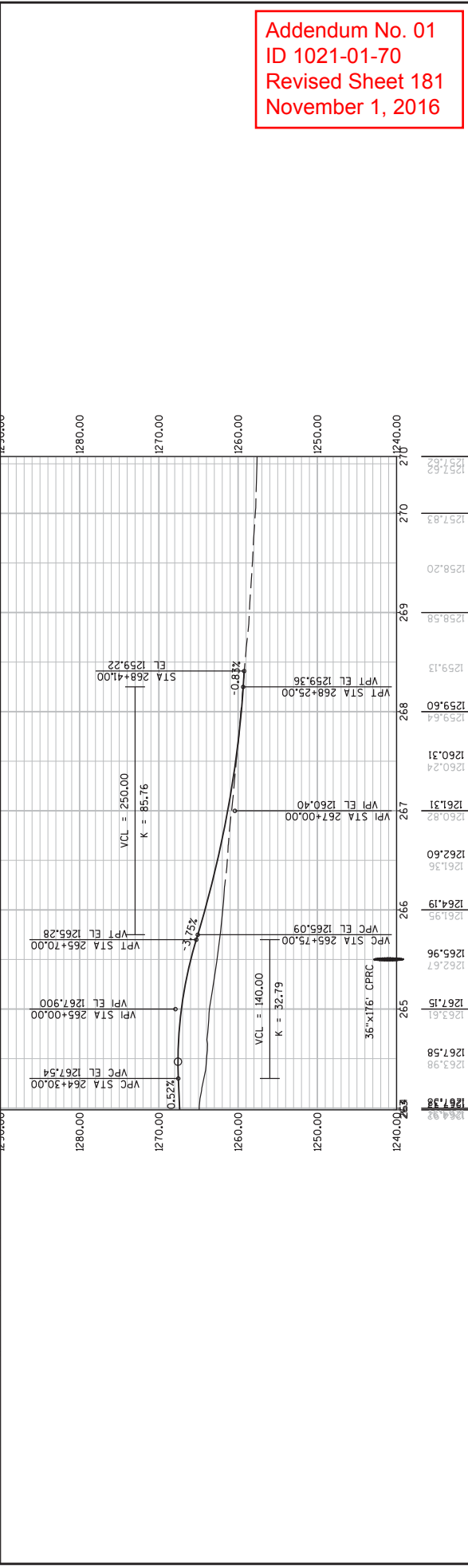
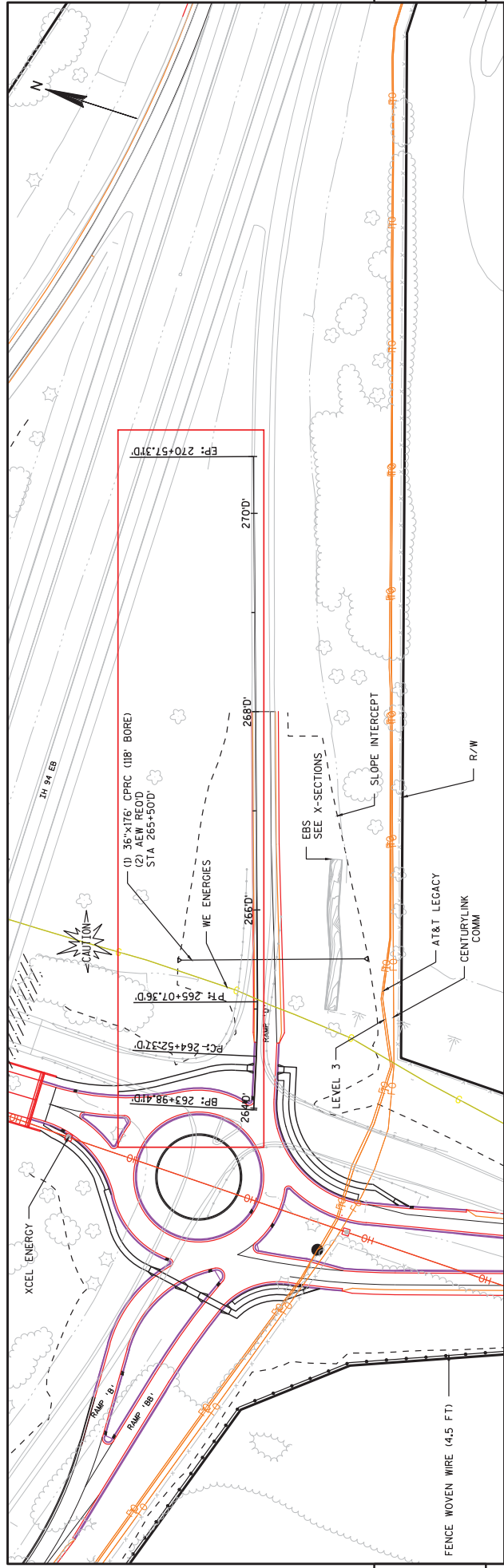


PROJECT NO: 1021-01-70 HWY: IH 94 COUNTY: ST. CROIX PLAN AND PROFILE: RAMP B BYPASS (SW RAMP) SHEET 177 E
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 WSDOT/CADD SHEET 44

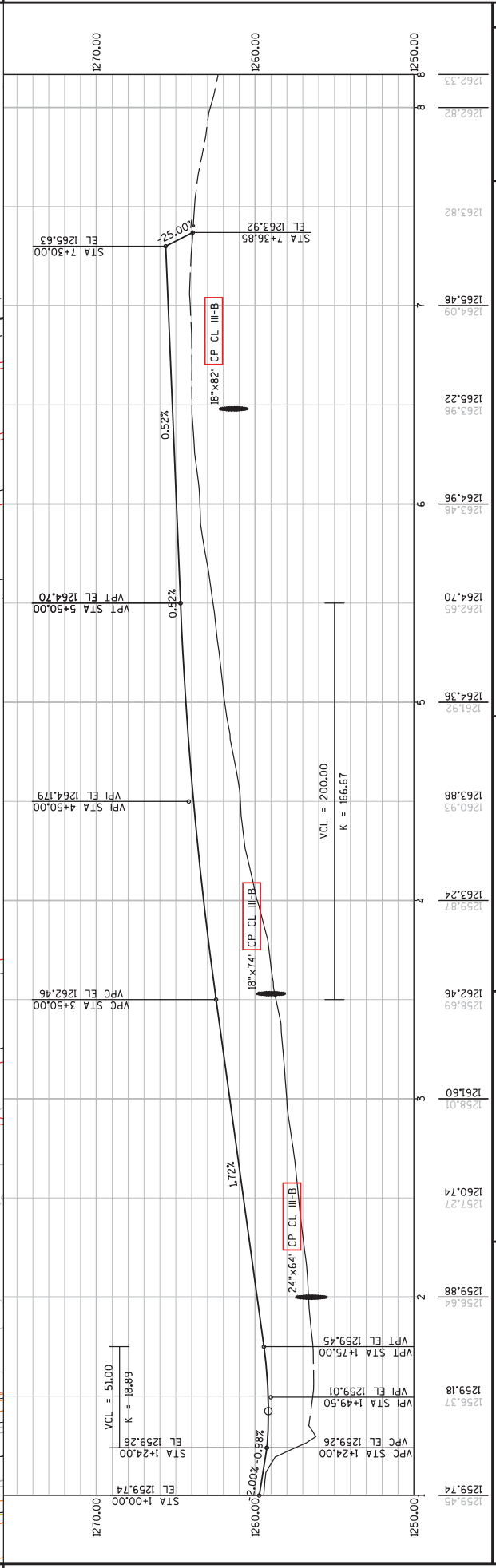
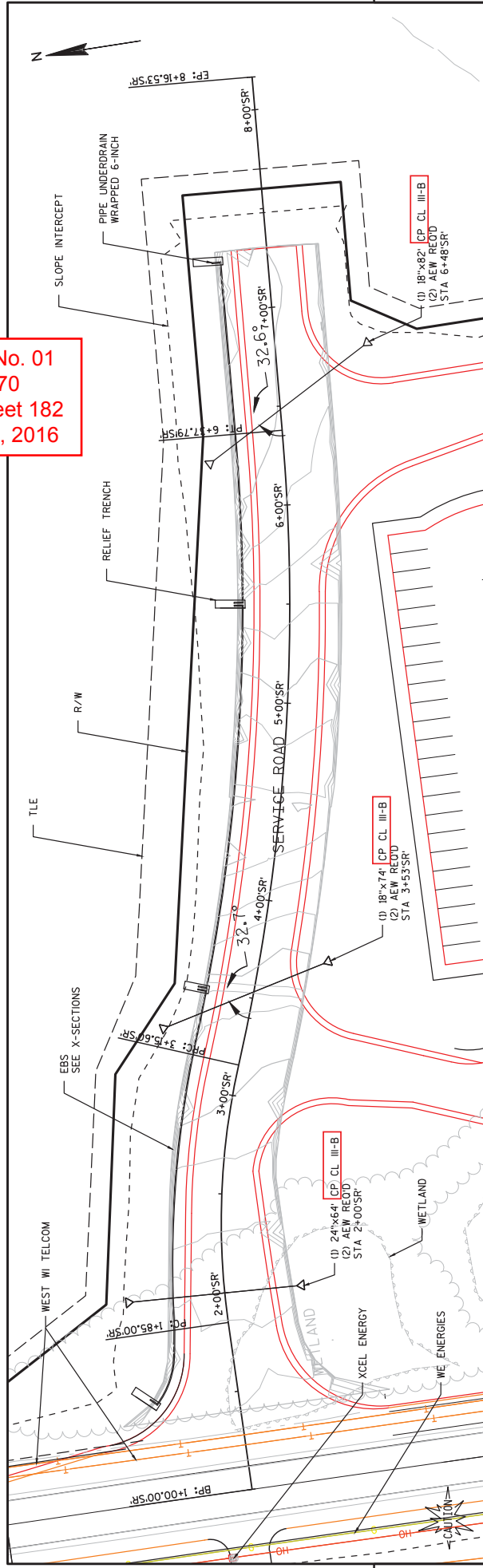
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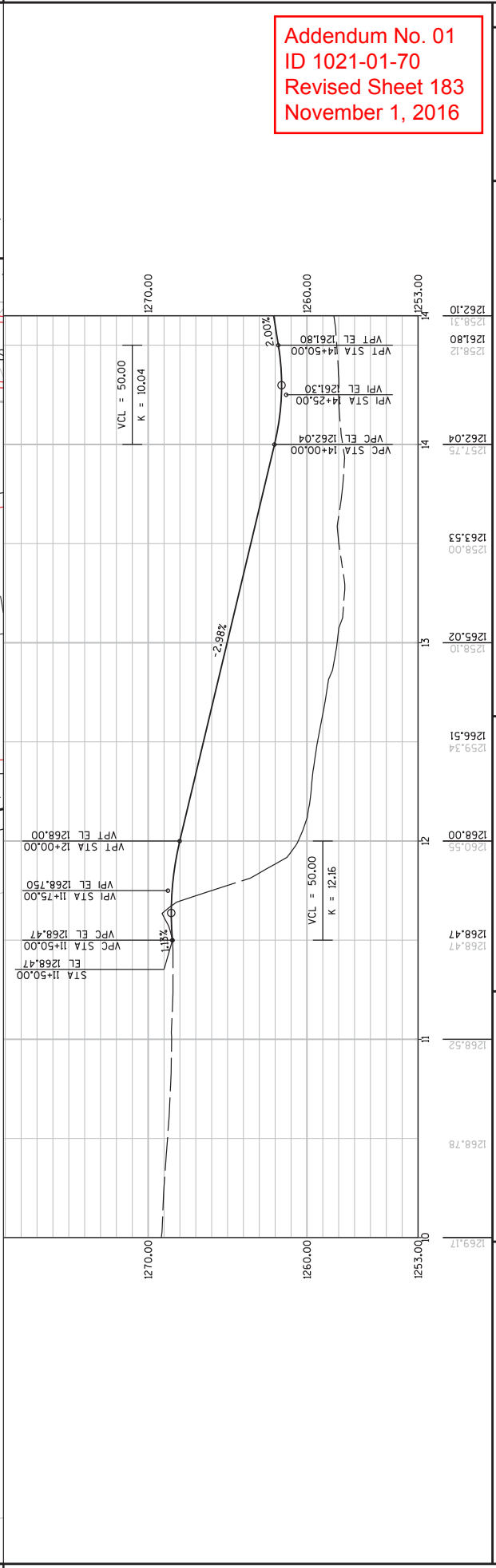
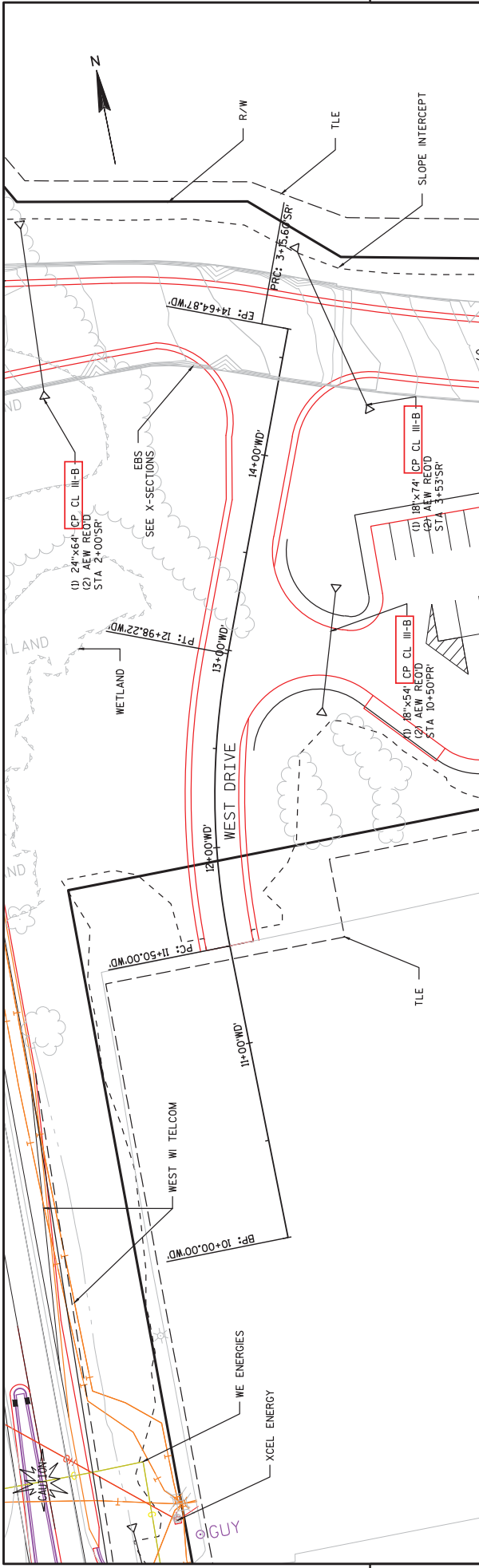
Addendum No. 01
 ID 1021-01-70
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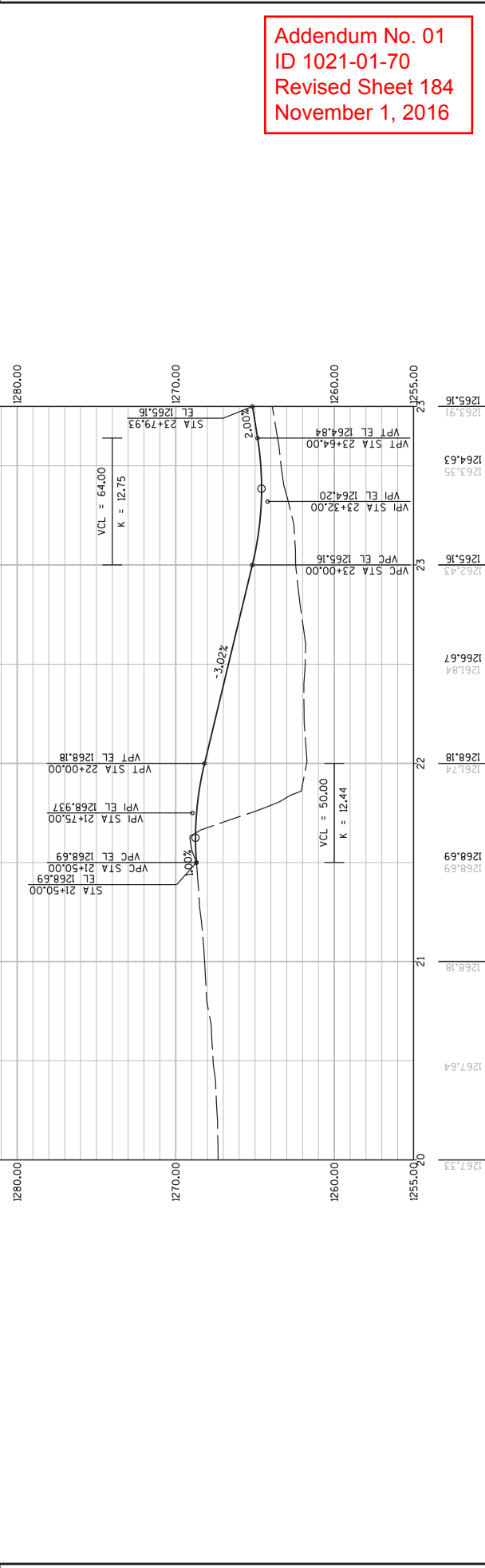
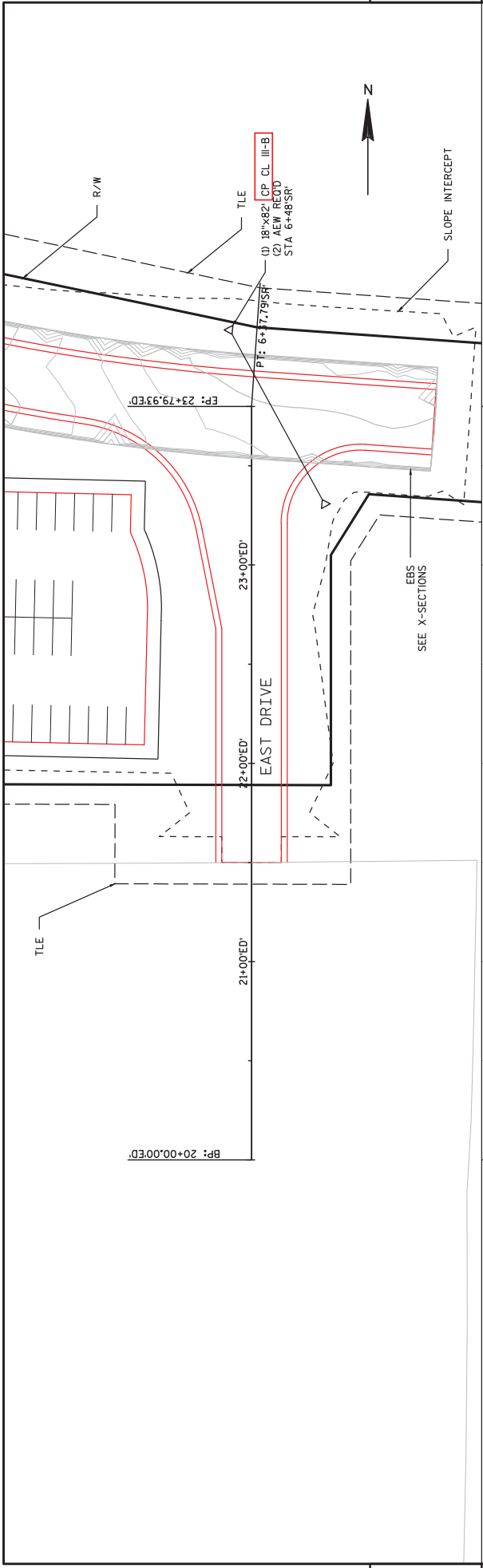
Addendum No. 01
 ID 1021-01-70
 Revised Sheet 182
 November 1, 2016



Addendum No. 01
ID 1021-01-70
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November 1, 2016

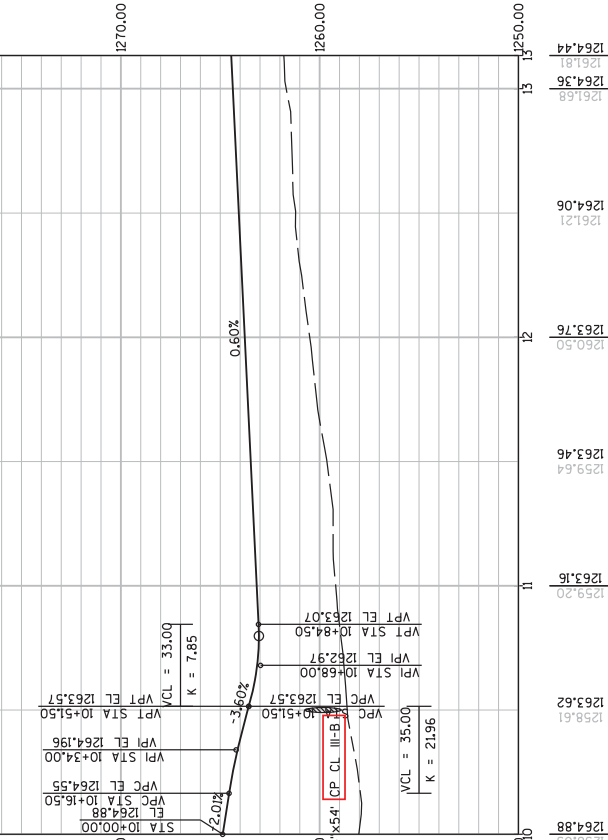
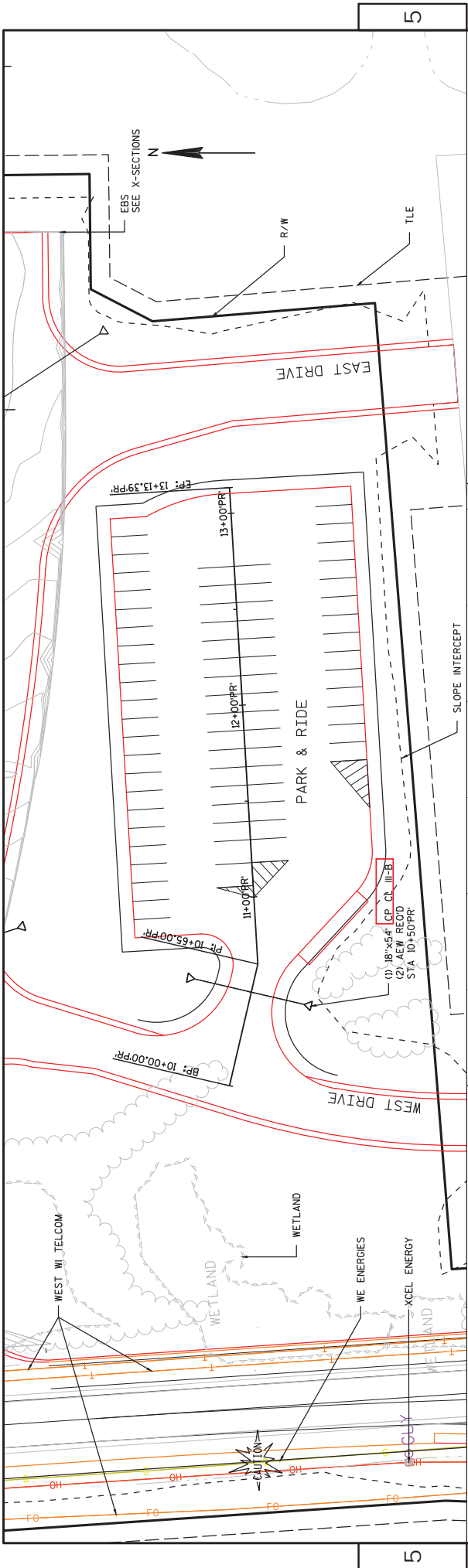


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 Revised Sheet 184
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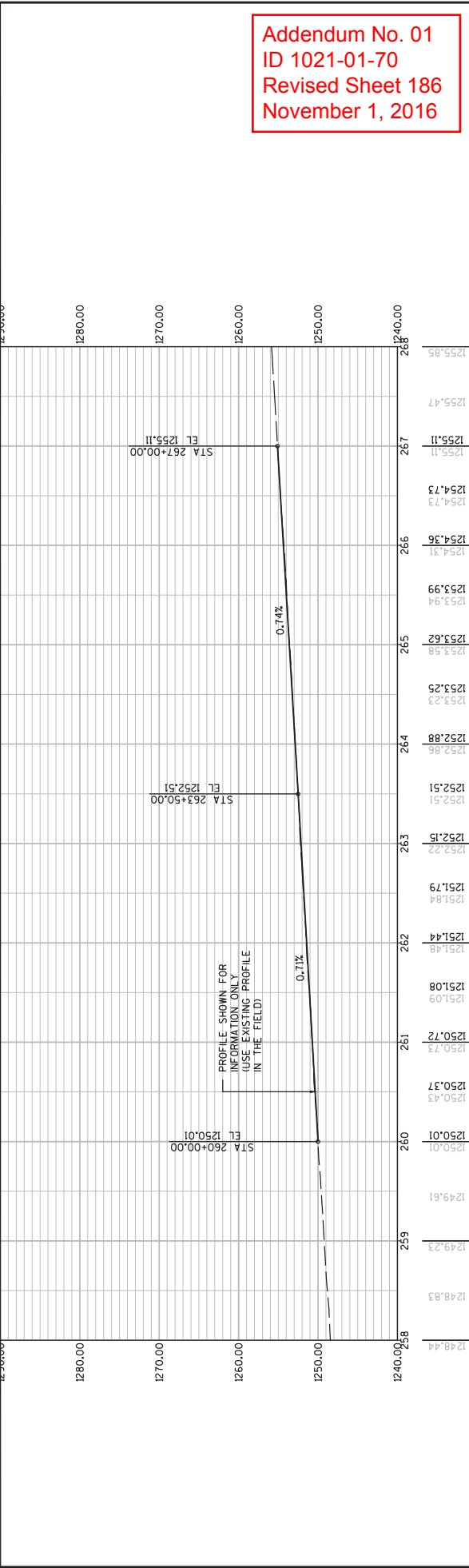
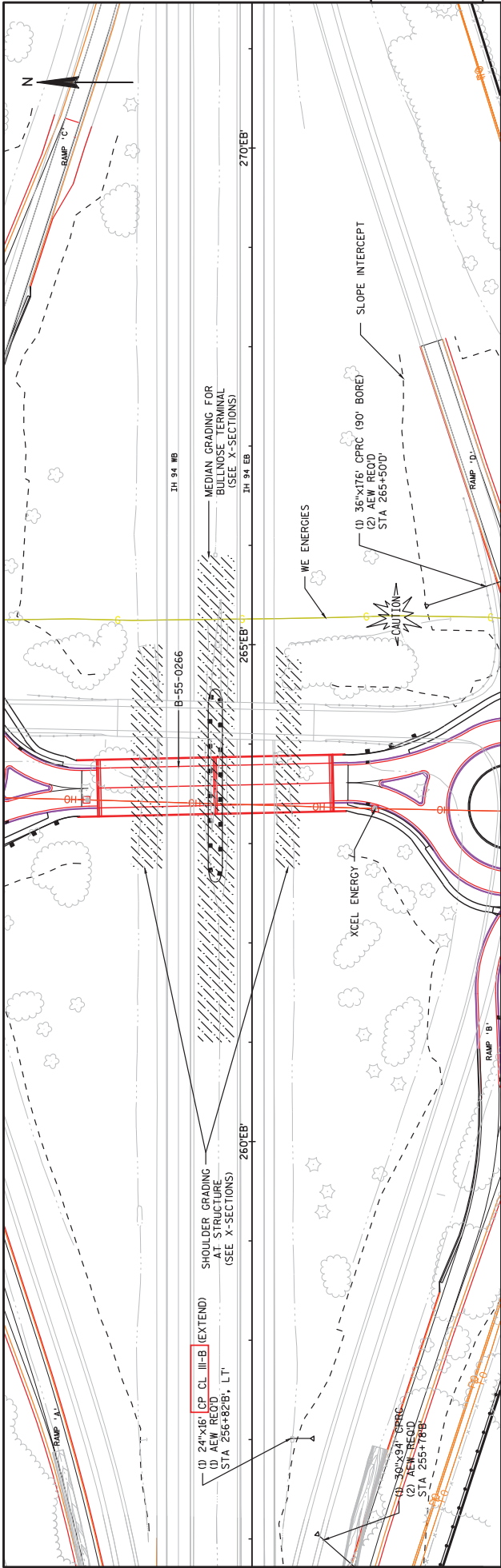


STATION	ELEVATION	PLAN AND PROFILE: EAST DRIVE
21+00.00	1267.64	
21+50.00	1268.18	
22+00.00	1268.18	
22+50.00	1268.69	
23+00.00	1268.69	
23+50.00	1269.35	
23+64.00	1264.63	
23+79.93	1265.16	
23+93.00	1265.91	

Addendum No. 01
 ID 1021-01-70
 Revised Sheet 185
 November 1, 2016



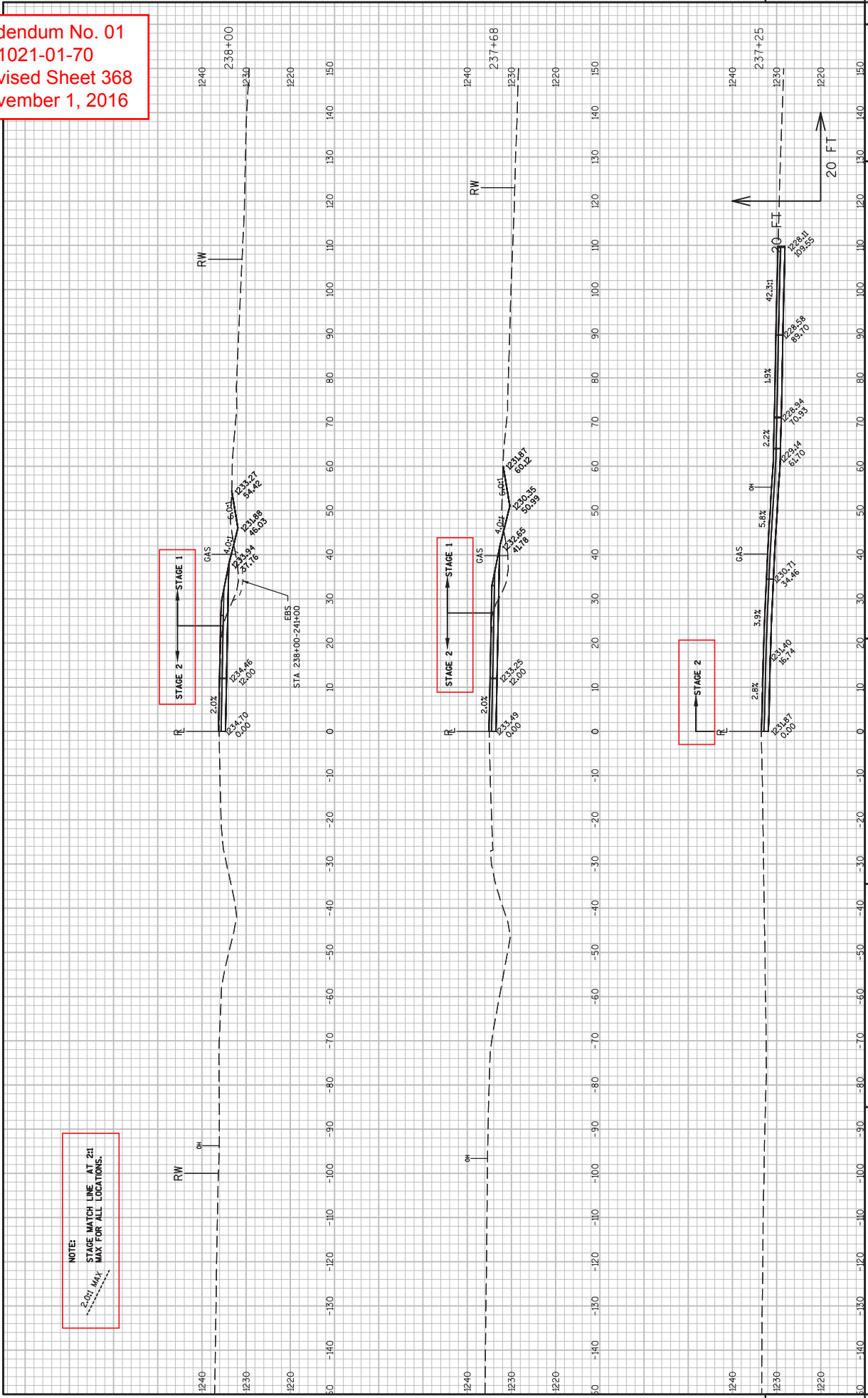
Addendum No. 01
 ID 1021-01-70
 Revised Sheet 186
 November 1, 2016



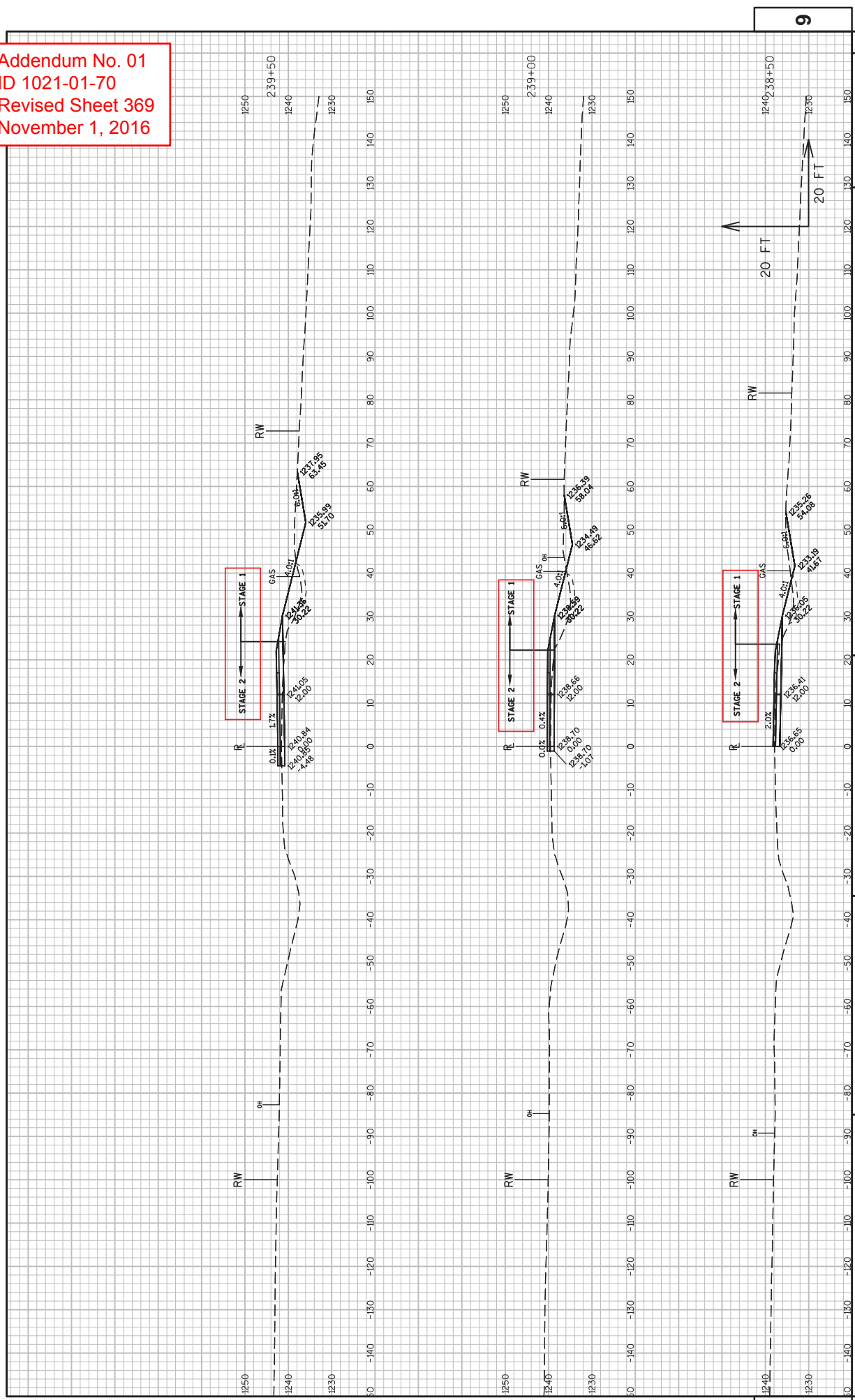
PROJECT NO: 1021-01-70	HWY: IH 94	COUNTY: ST. CROIX	PLAN AND PROFILE: IH 9H EB	SHEET 186	E
1248.44	1248.83	1249.23	1249.61	1250.01	1250.43
1248.37	1250.73	1250.72	1251.08	1251.09	1251.48
1251.44	1251.79	1251.84	1251.94	1253.58	1254.31
1252.15	1252.22	1252.15	1252.51	1253.62	1254.73
1252.86	1252.86	1252.86	1252.86	1253.99	1254.73
1253.25	1253.25	1253.25	1253.25	1254.73	1255.11
1253.58	1253.58	1253.58	1253.58	1254.73	1255.47
1253.99	1253.99	1253.99	1253.99	1254.73	1255.85
1254.31	1254.31	1254.31	1254.31	1254.73	
1254.73	1254.73	1254.73	1254.73	1254.73	
1255.11	1255.11	1255.11	1255.11	1255.11	
1255.47	1255.47	1255.47	1255.47	1255.47	
1255.85	1255.85	1255.85	1255.85	1255.85	

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 ID 1021-01-70
 Revised Sheet 368
 November 1, 2016

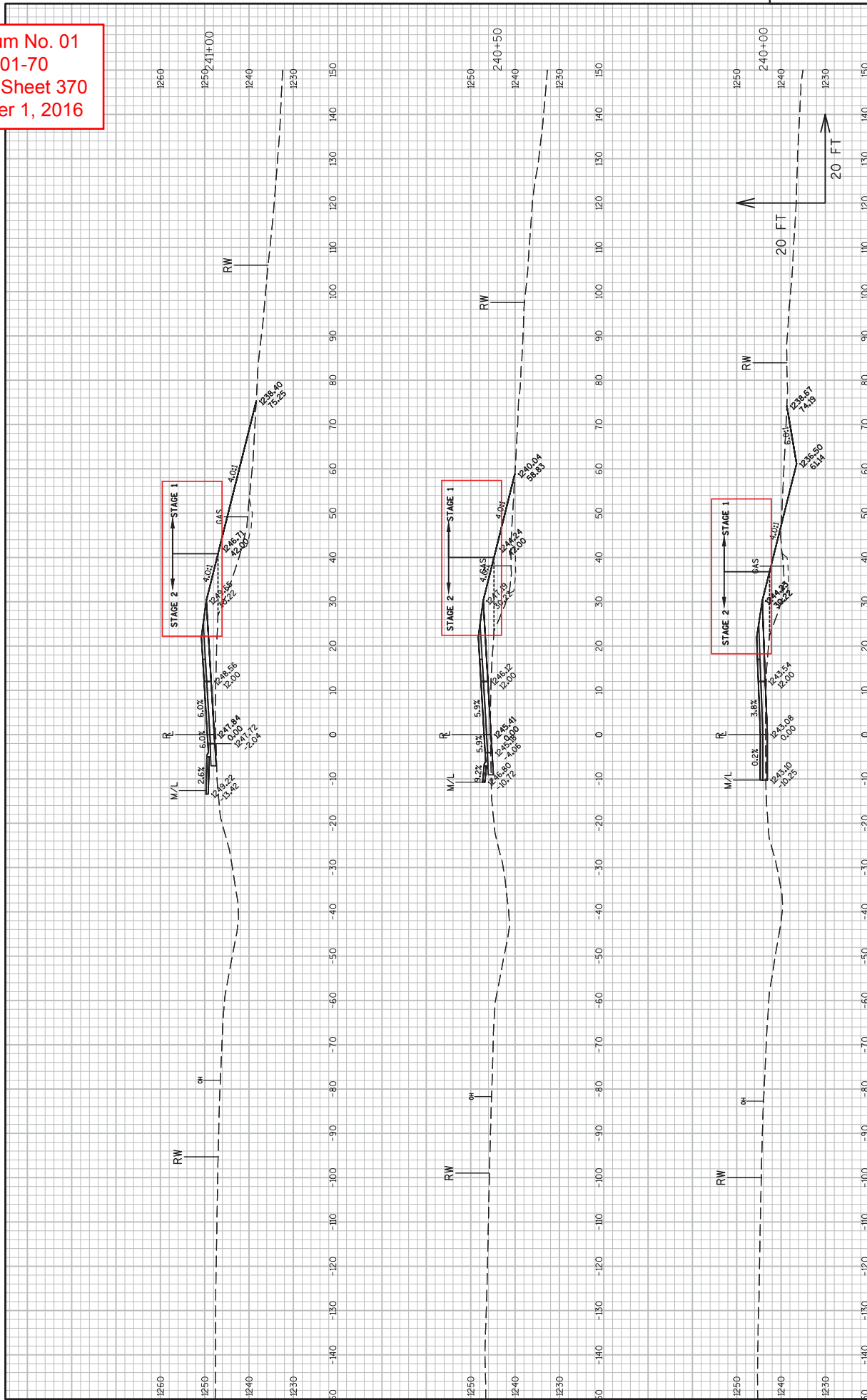
NOTE:
 STAGE MATCH LINE AT 211
 MAX FOR ALL LOCATIONS.



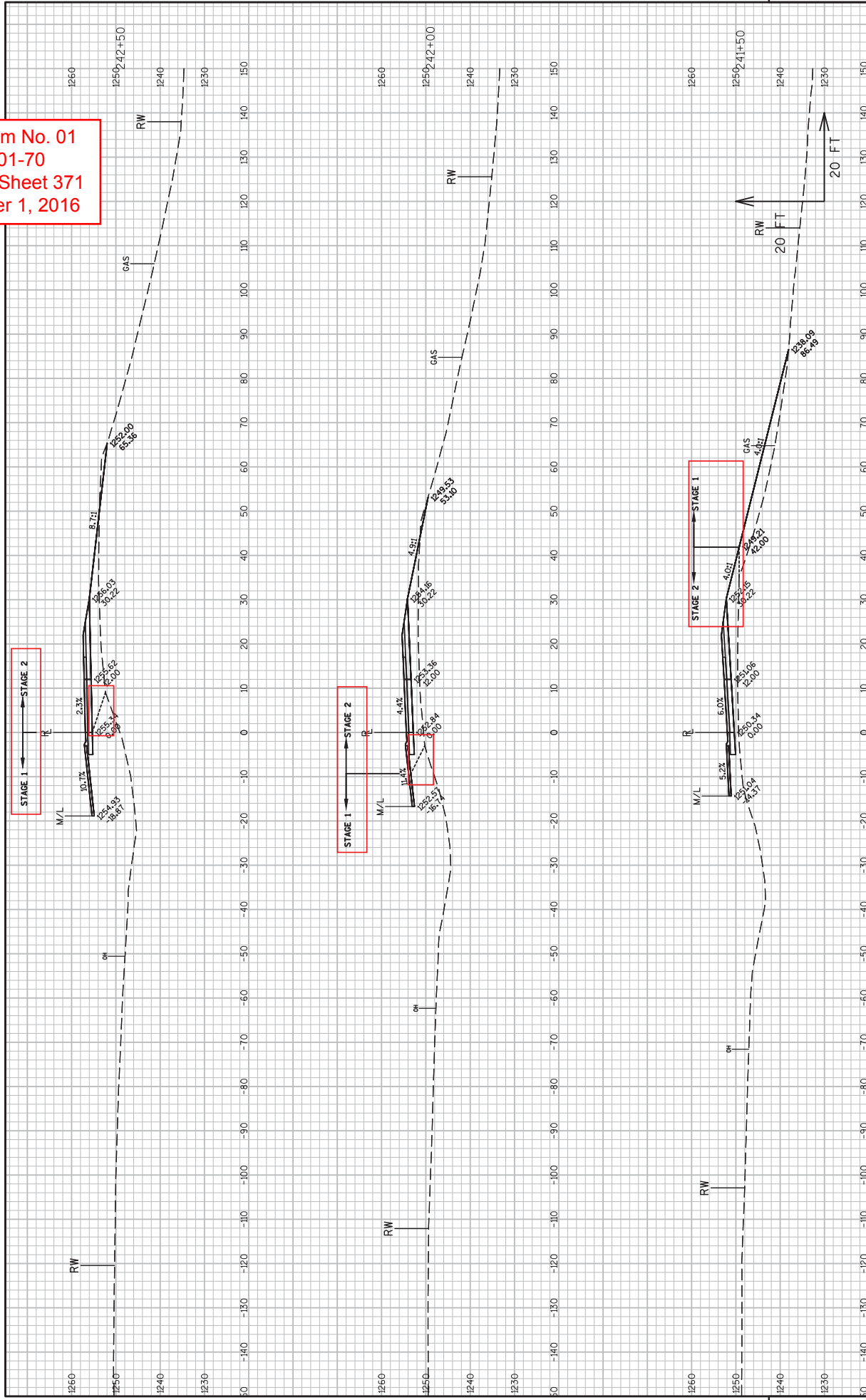
Addendum No. 01
 ID 1021-01-70
 Revised Sheet 369
 November 1, 2016



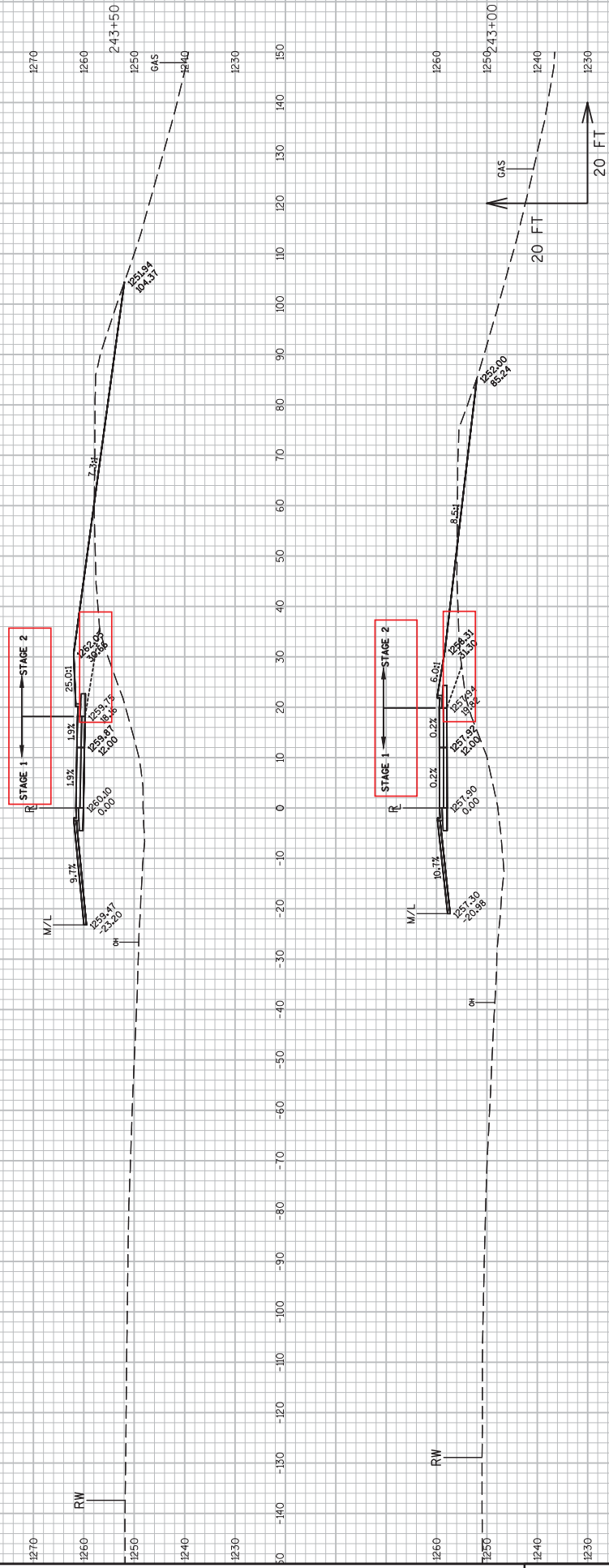
Addendum No. 01
 ID 1021-01-70
 Revised Sheet 370
 November 1, 2016



Addendum No. 01
 ID 1021-01-70
 Revised Sheet 371
 November 1, 2016



Addendum No. 01
 ID 1021-01-70
 Revised Sheet 372
 November 1, 2016



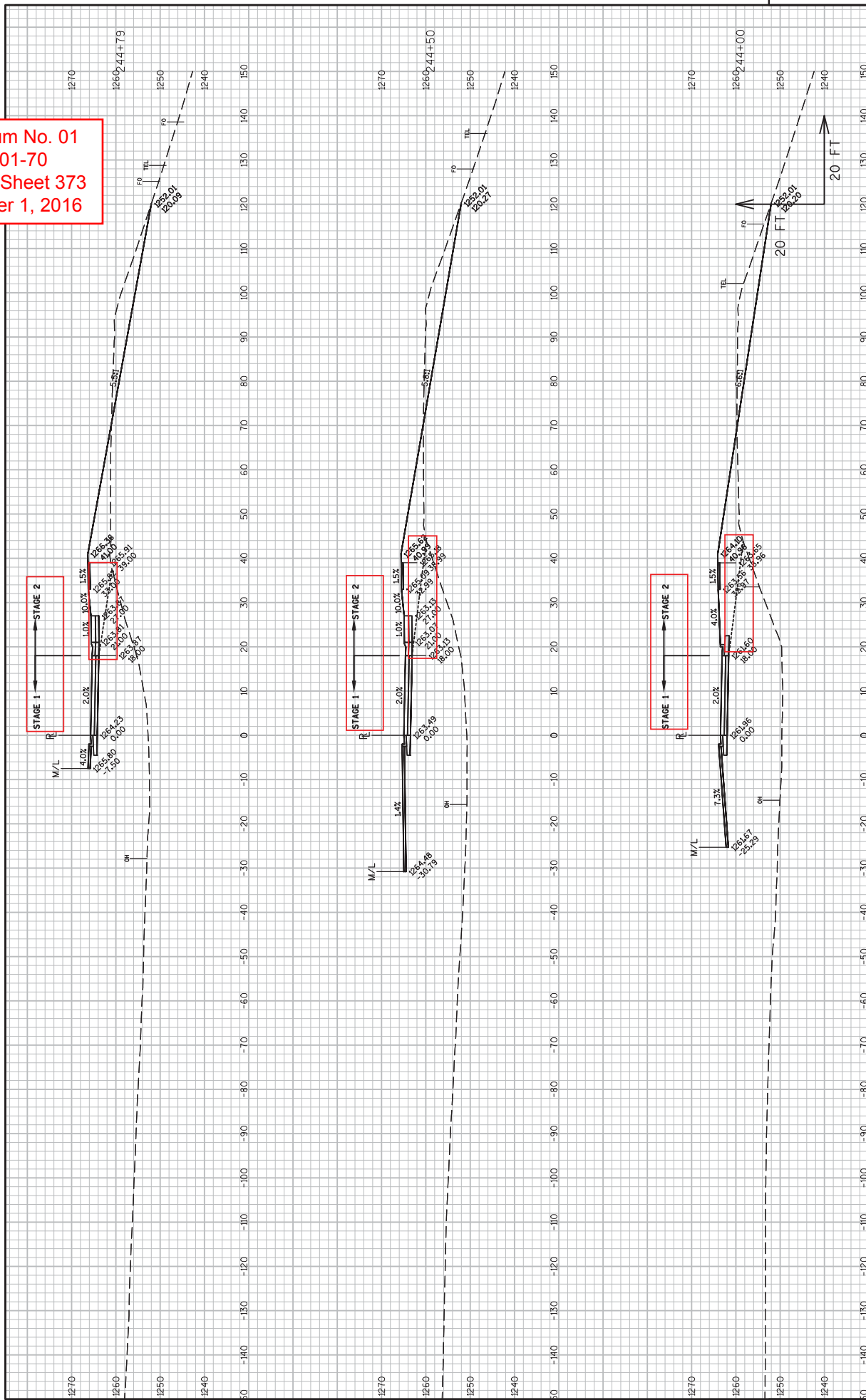
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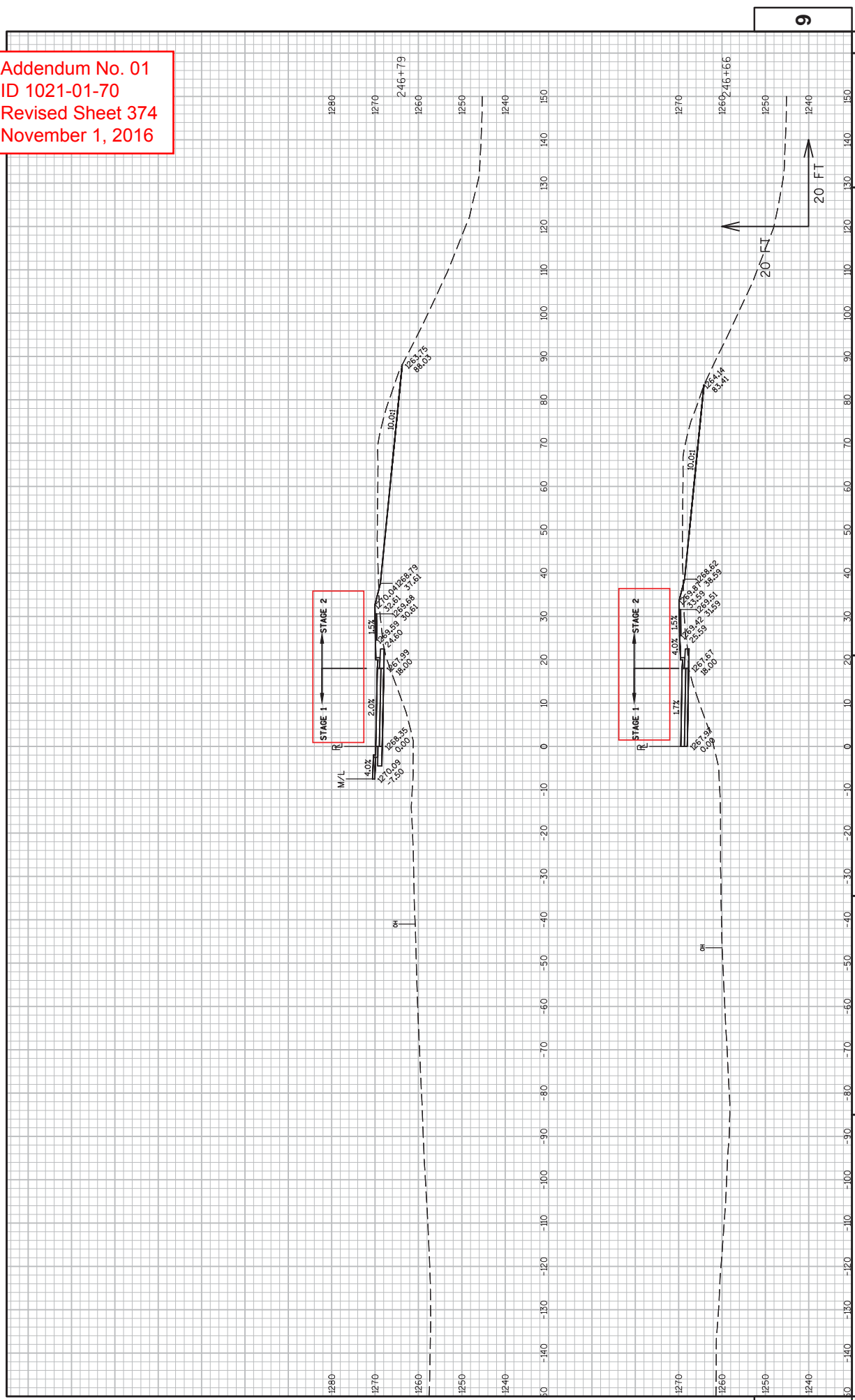
PROJECT NO: 1021-01-70
 COUNTY: ST. CROIX
 HWY: STH 128
 CROSS SECTIONS: STH 128 NB
 SHEET 372
 E

FILE NAME : N:\VPOS\C3D\10210100\DESIGN\PLANS PRODUCTION\090101.XS_STH128NB.DWG
 LAYOUT NAME - SECTION SHEET - (30)
 PLOT DATE : 10/17/2016 10:05 AM
 PLOT BY : THAO, KOU
 PLOT NAME :
 PLOT SCALE : 1 IN:20 FT
 WSDOT/CADD SHEET 49

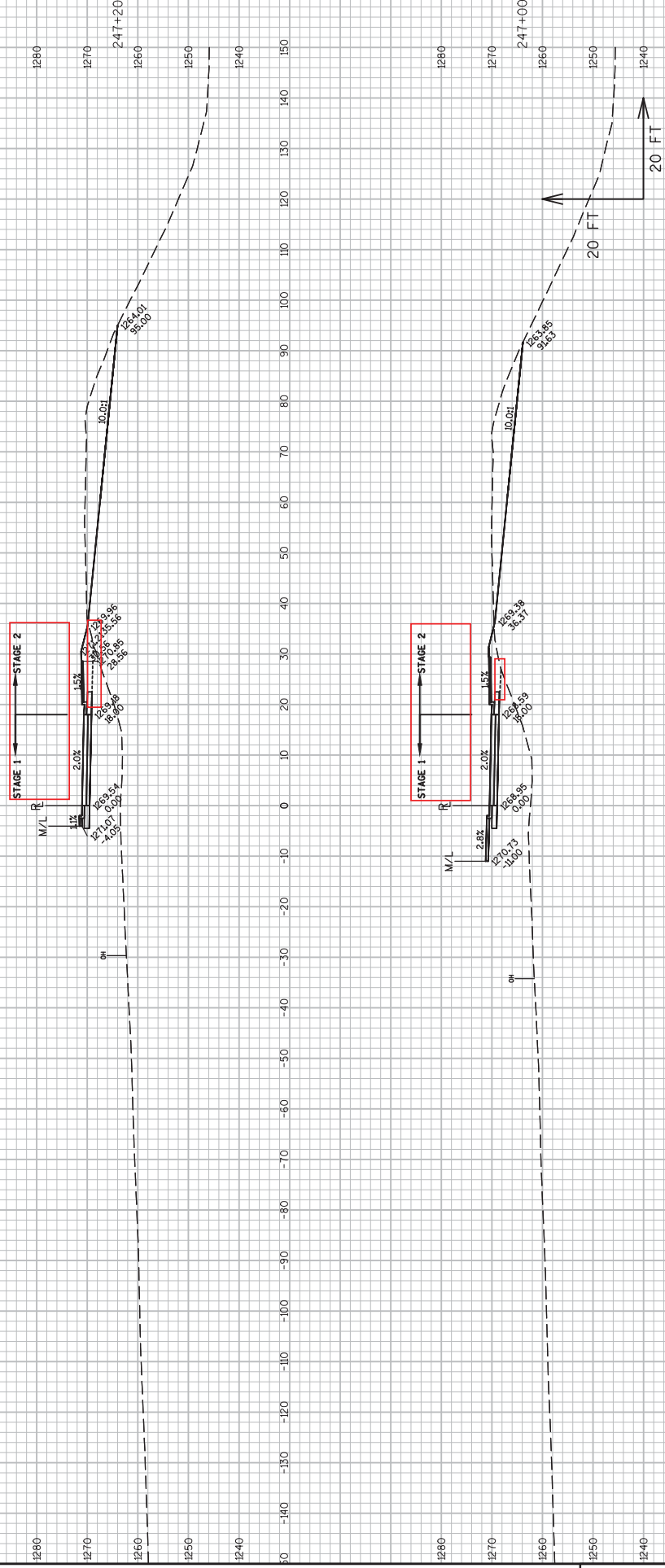
Addendum No. 01
 ID 1021-01-70
 Revised Sheet 373
 November 1, 2016



Addendum No. 01
 ID 1021-01-70
 Revised Sheet 374
 November 1, 2016



Addendum No. 01
 ID 1021-01-70
 Revised Sheet 375
 November 1, 2016



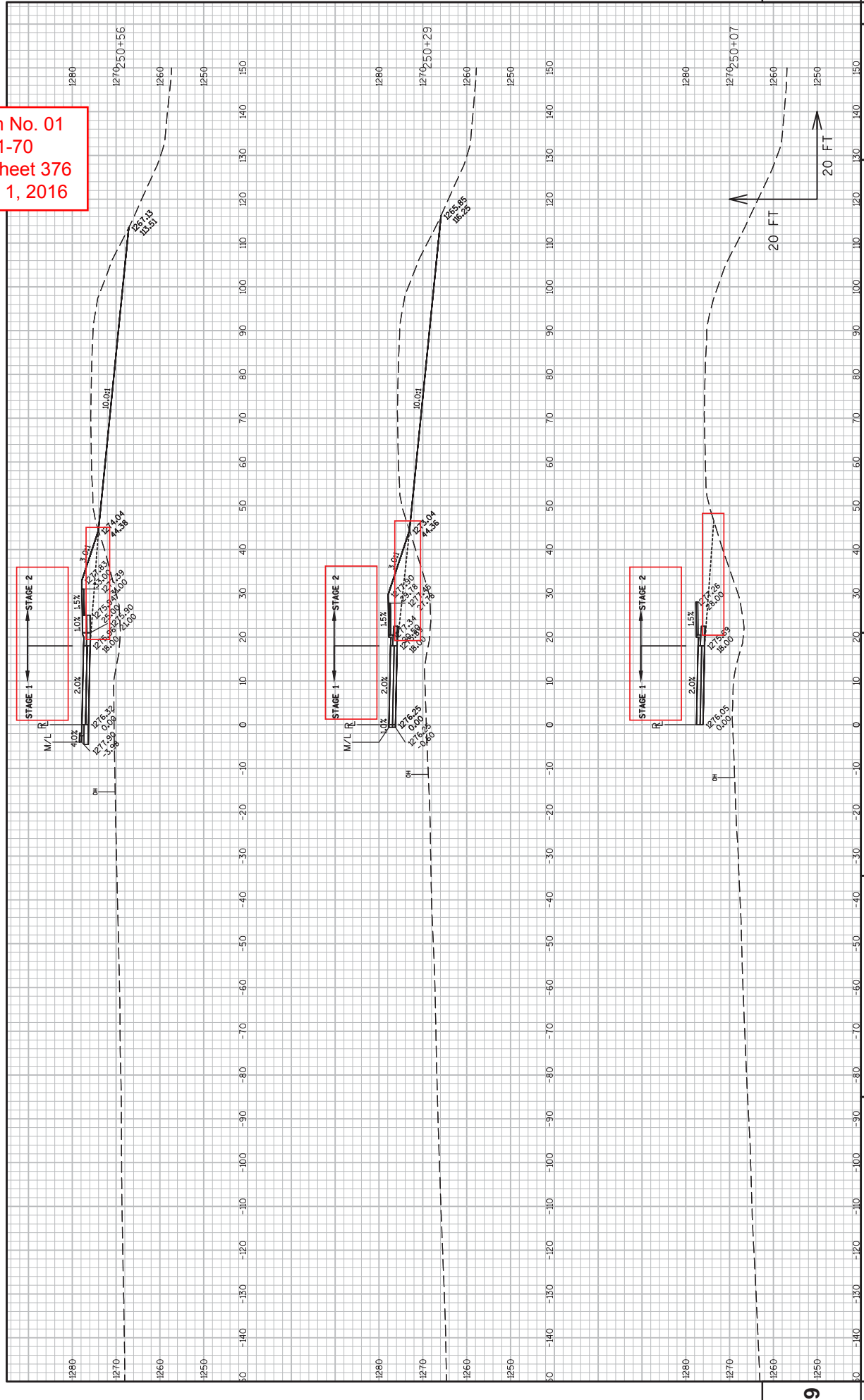
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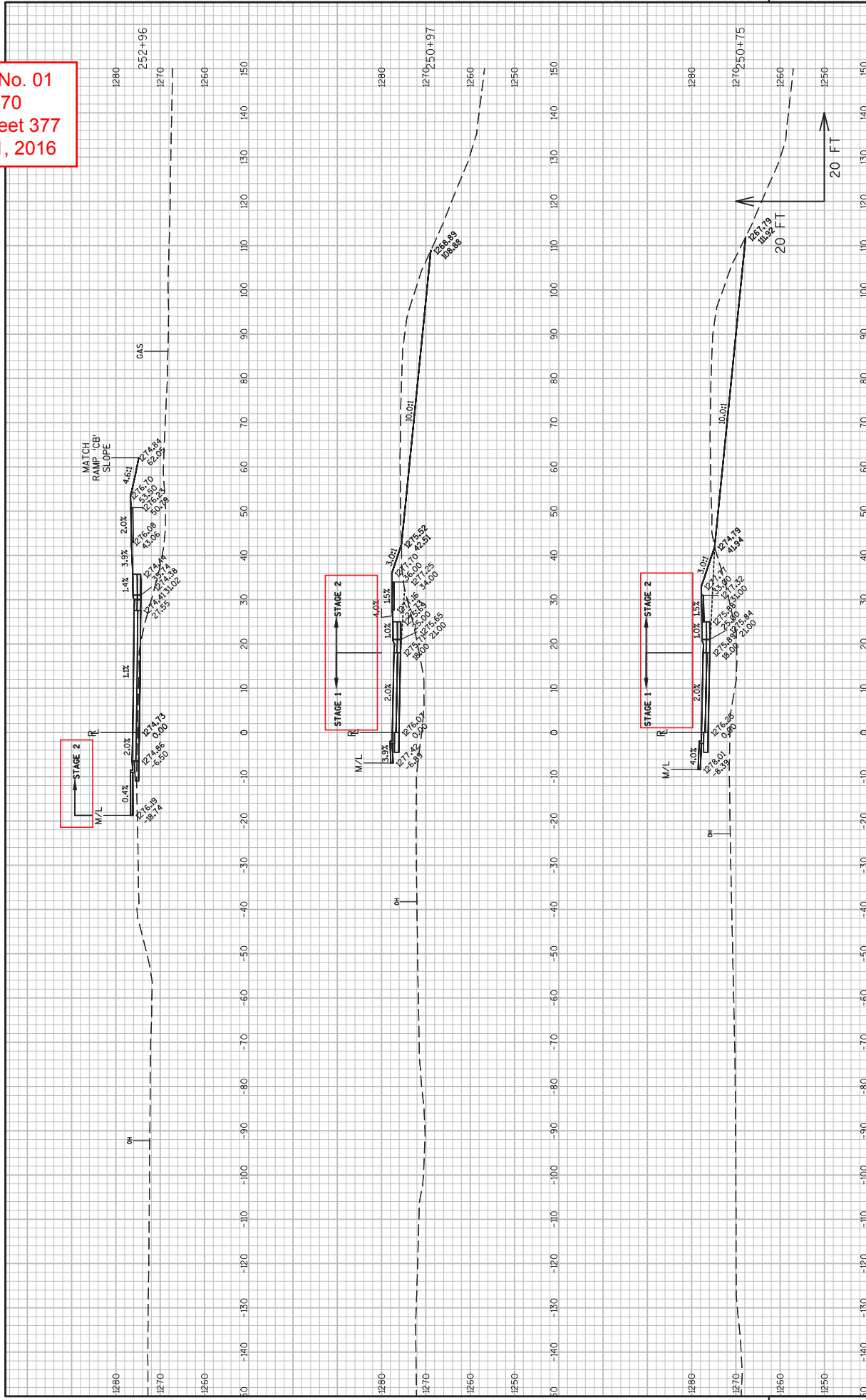
PROJECT NO: 1021-01-70
 COUNTY: ST. CROIX
 HWY: STH 128
 CROSS SECTIONS: STH 128 NB
 SHEET 375
 E

FILE NAME : N:\VPOS\330\10210100\DESIGN\PLANS PRODUCTION\90101.XS_STH128NB.DWG
 LAYOUT NAME - SECTION SHEET - (35)
 PLOT DATE : 10/17/2016 10:06 AM
 PLOT BY : THAO, KOU
 PLOT NAME :
 PLOT SCALE : 1 IN:20 FT
 WSDOT/CADD SHEET 49

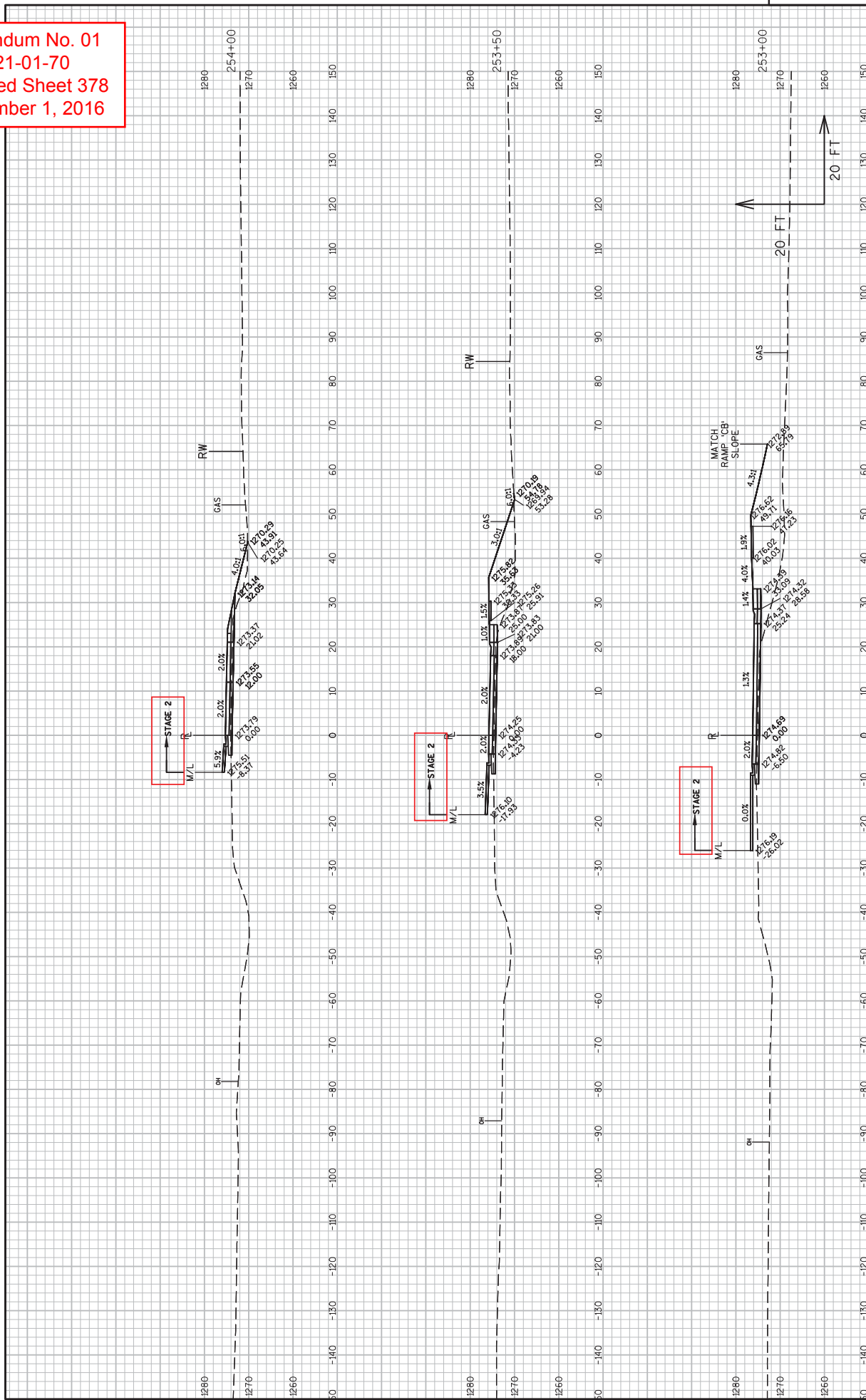
Addendum No. 01
 ID 1021-01-70
 Revised Sheet 376
 November 1, 2016



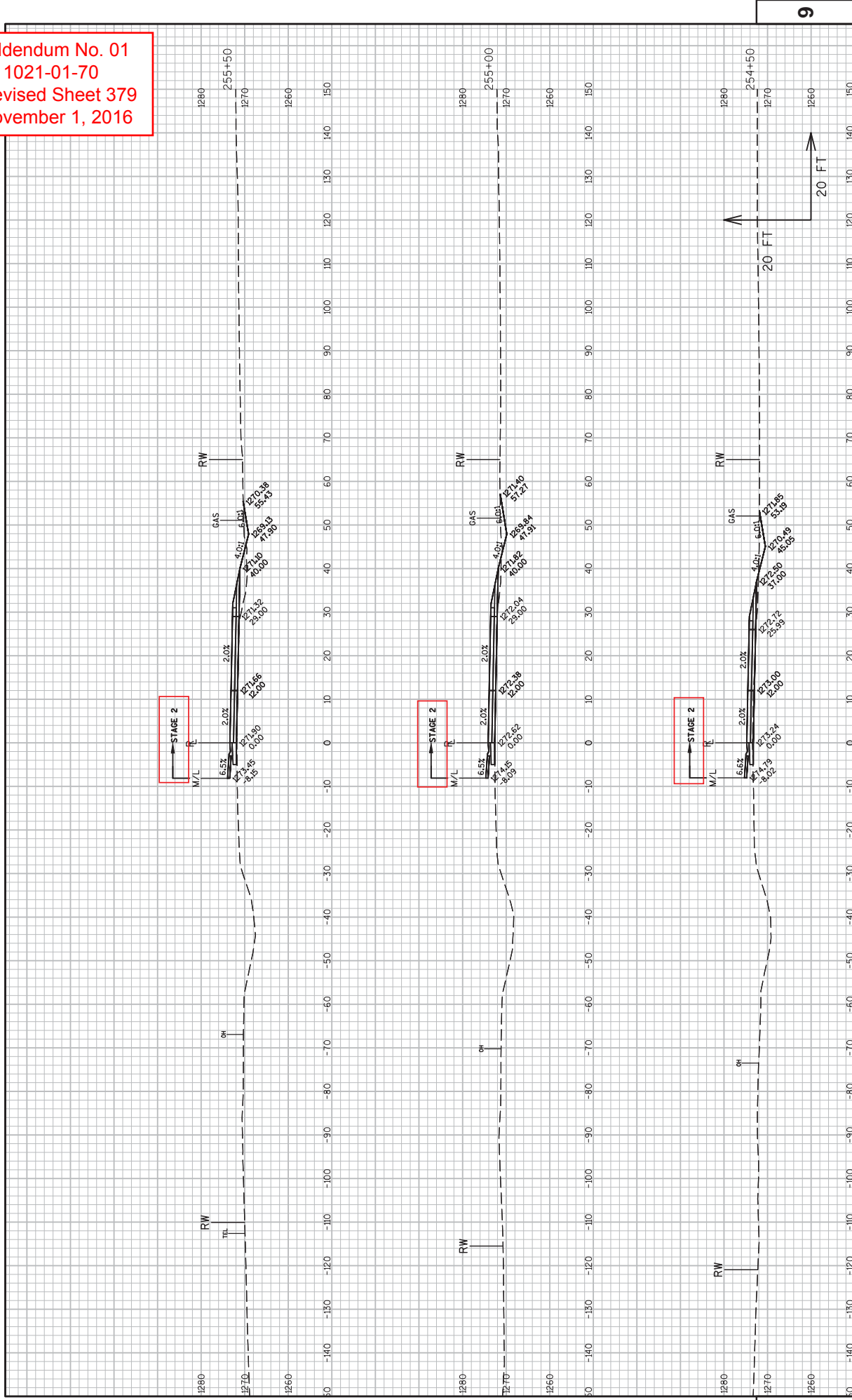
Addendum No. 01
 ID 1021-01-70
 Revised Sheet 377
 November 1, 2016



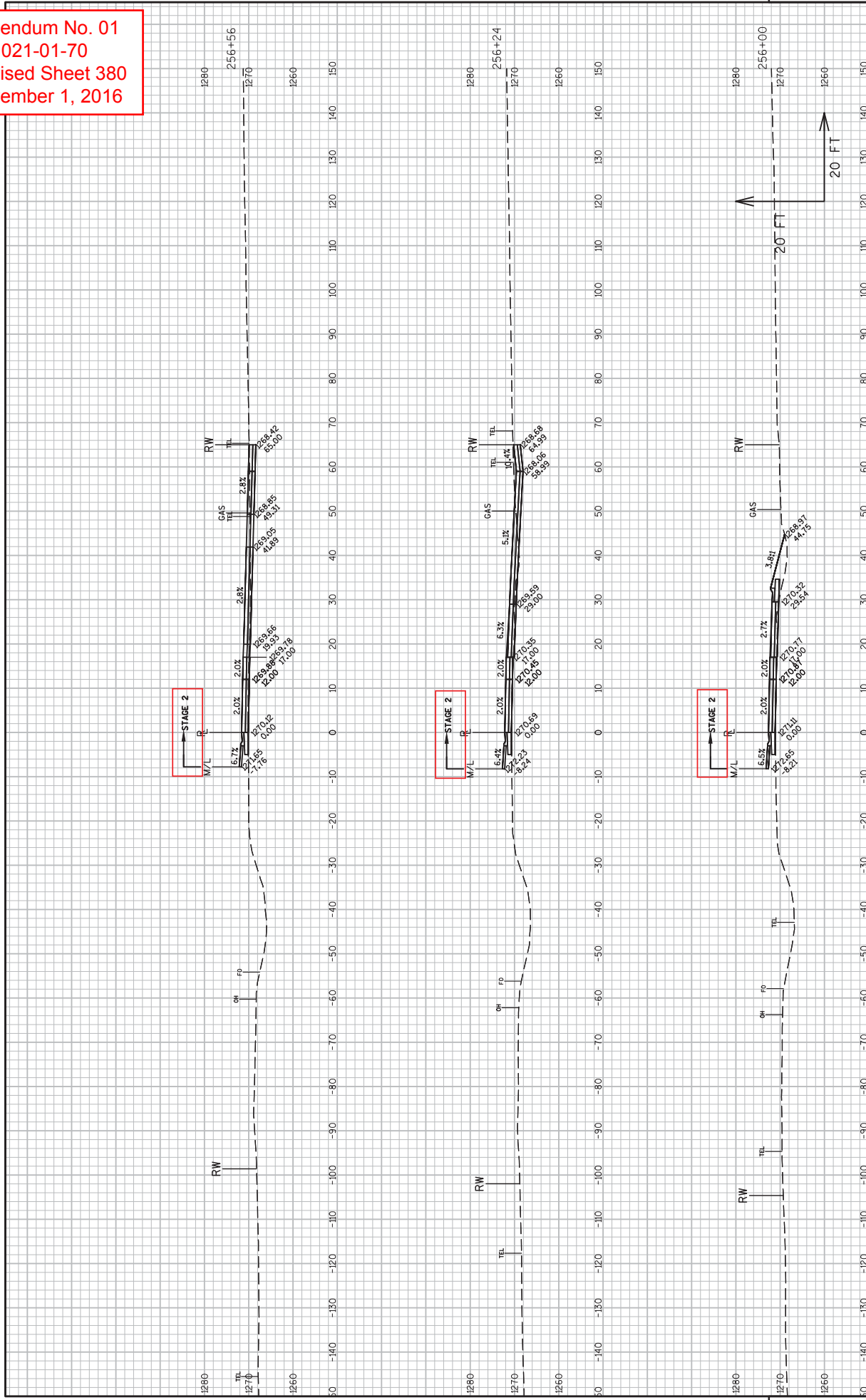
Addendum No. 01
 ID 1021-01-70
 Revised Sheet 378
 November 1, 2016



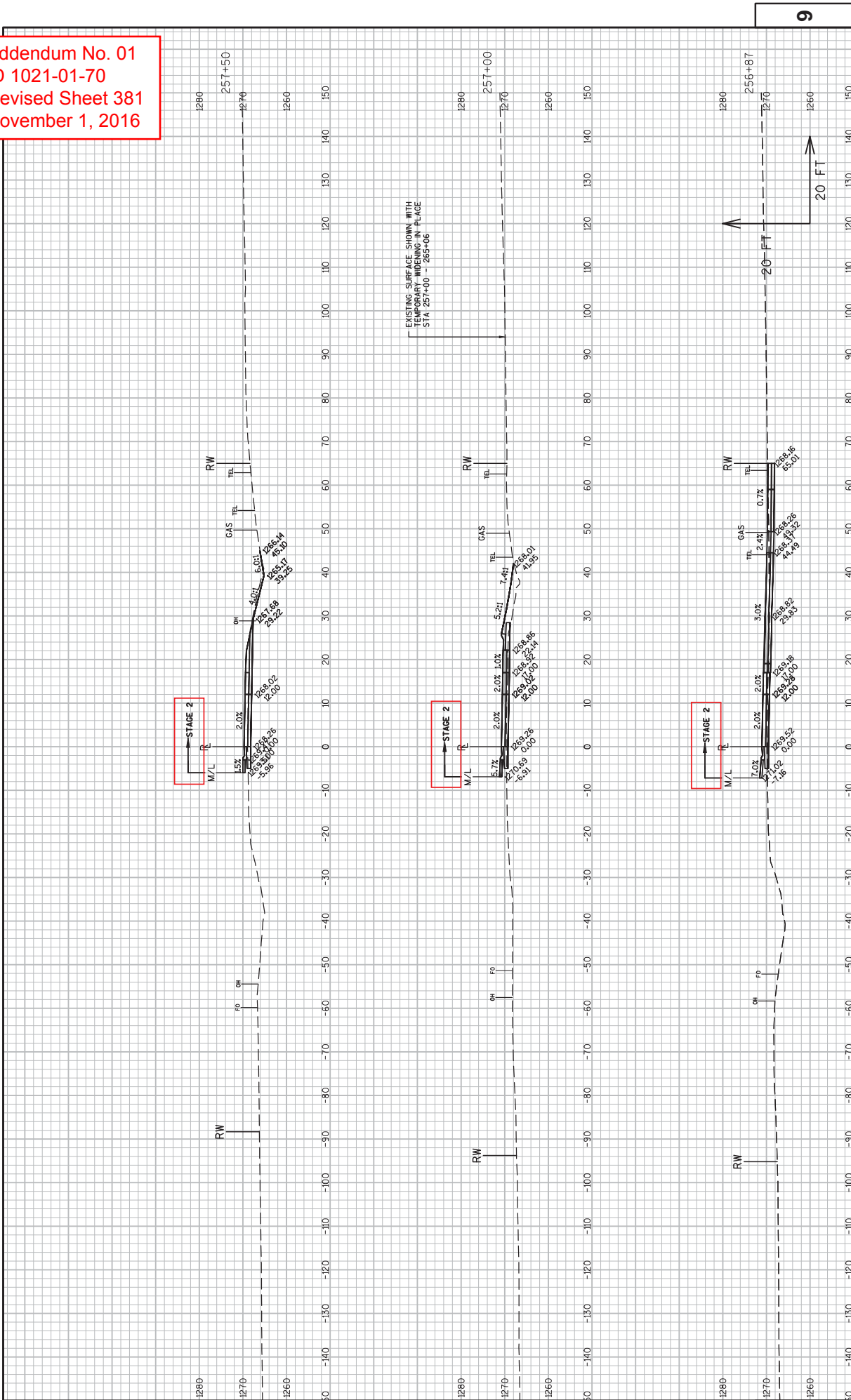
Addendum No. 01
 ID 1021-01-70
 Revised Sheet 379
 November 1, 2016



Addendum No. 01
 ID 1021-01-70
 Revised Sheet 380
 November 1, 2016



Addendum No. 01
 ID 1021-01-70
 Revised Sheet 381
 November 1, 2016



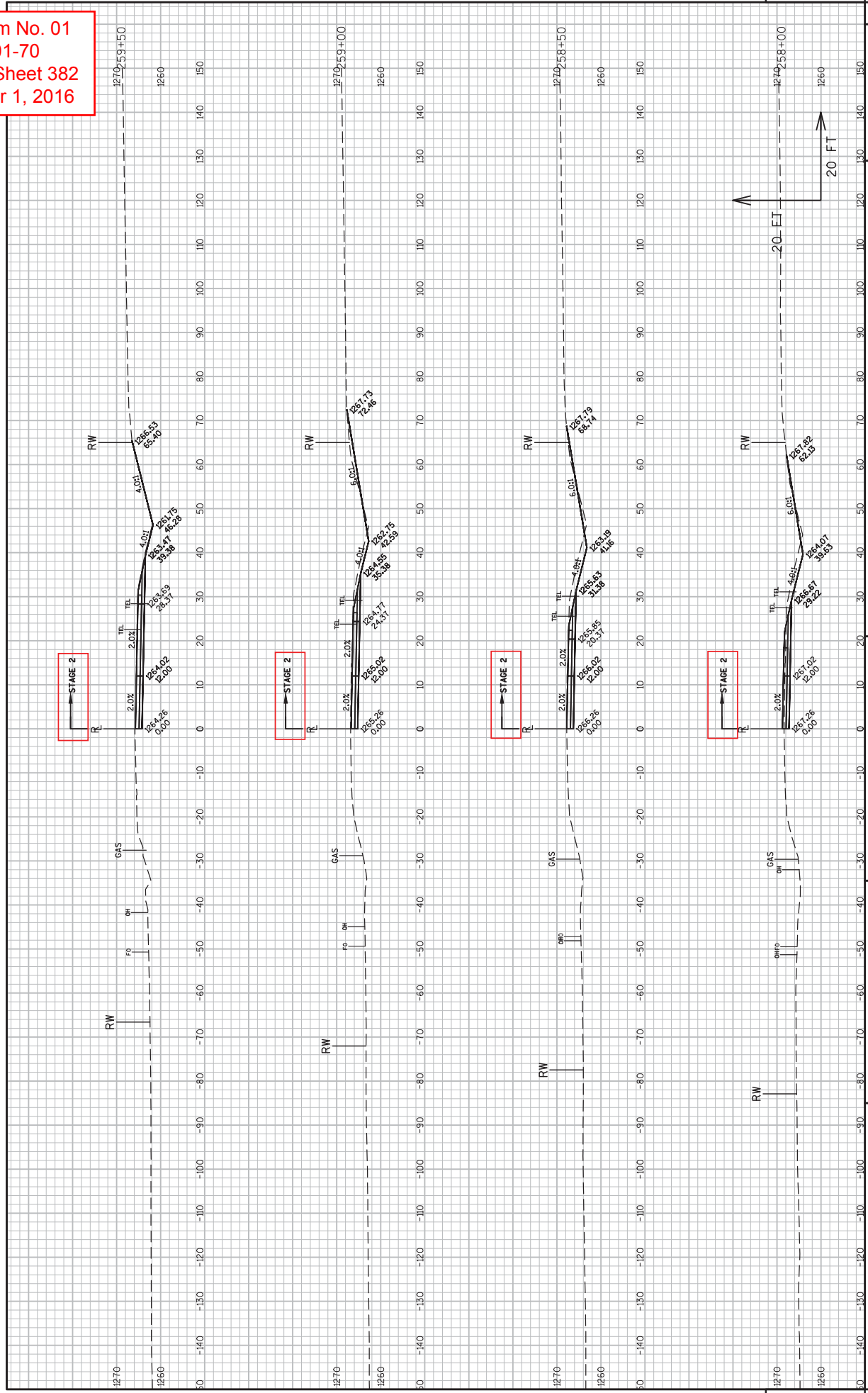
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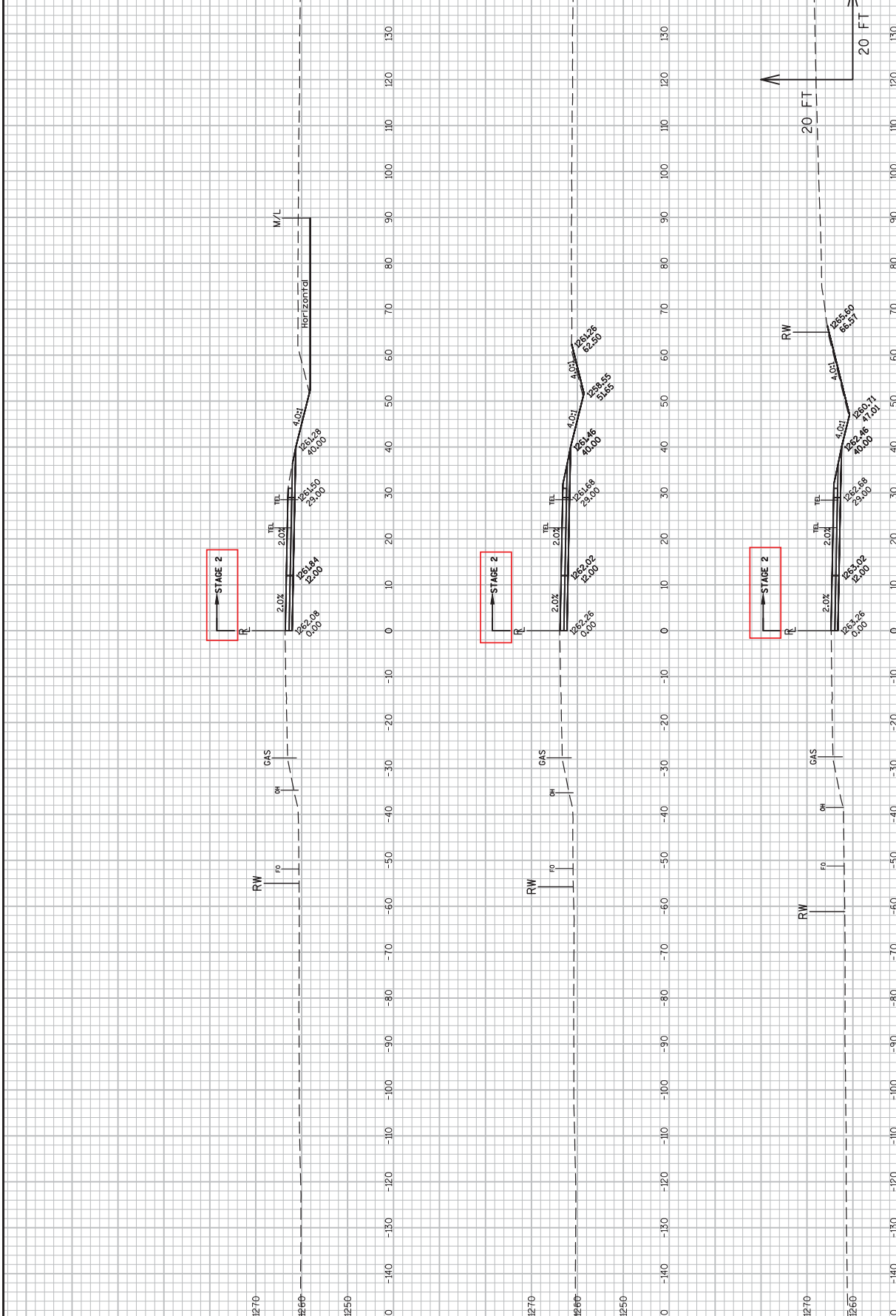
PROJECT NO: 1021-01-70
 COUNTY: ST. CROIX
 HWY: STH 128
 CROSS SECTIONS: STH 128 NB
 SHEET 381
 E

FILE NAME : N:\VPOS\G3D\10210100\DESIGN\PLANS PRODUCTION\090101.XS_STH128NB.DWG
 LAYOUT NAME - SECTION SHEET - (89)
 PLOT DATE : 10/17/2016 10:08 AM
 PLOT BY : THAO, KOU
 PLOT NAME :
 PLOT SCALE : 1 IN:20 FT
 WSDOT/CADD SHEET 49

Addendum No. 01
 ID 1021-01-70
 Revised Sheet 382
 November 1, 2016

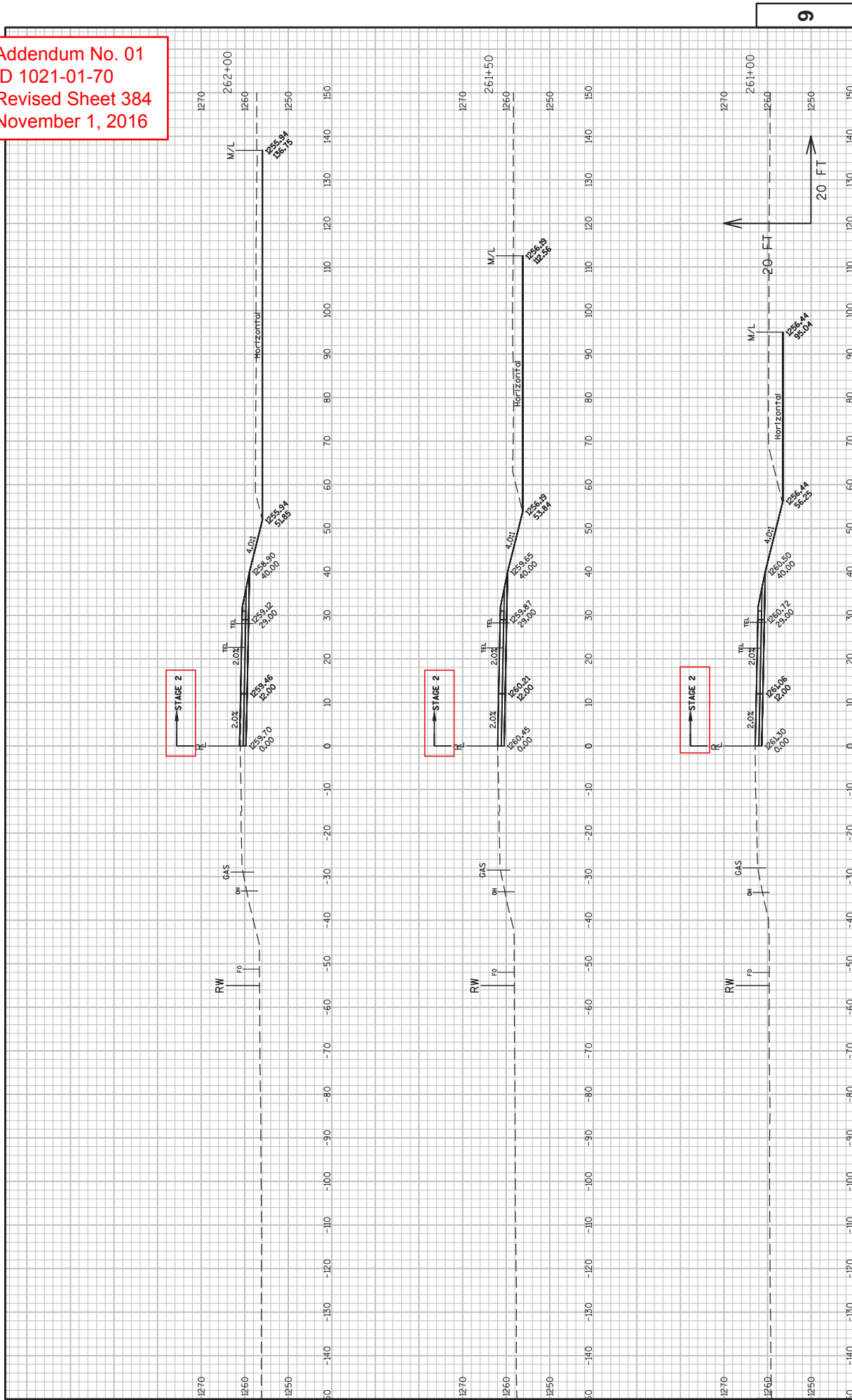


Addendum No. 01
 ID 1021-01-70
 Revised Sheet 383
 November 1, 2016

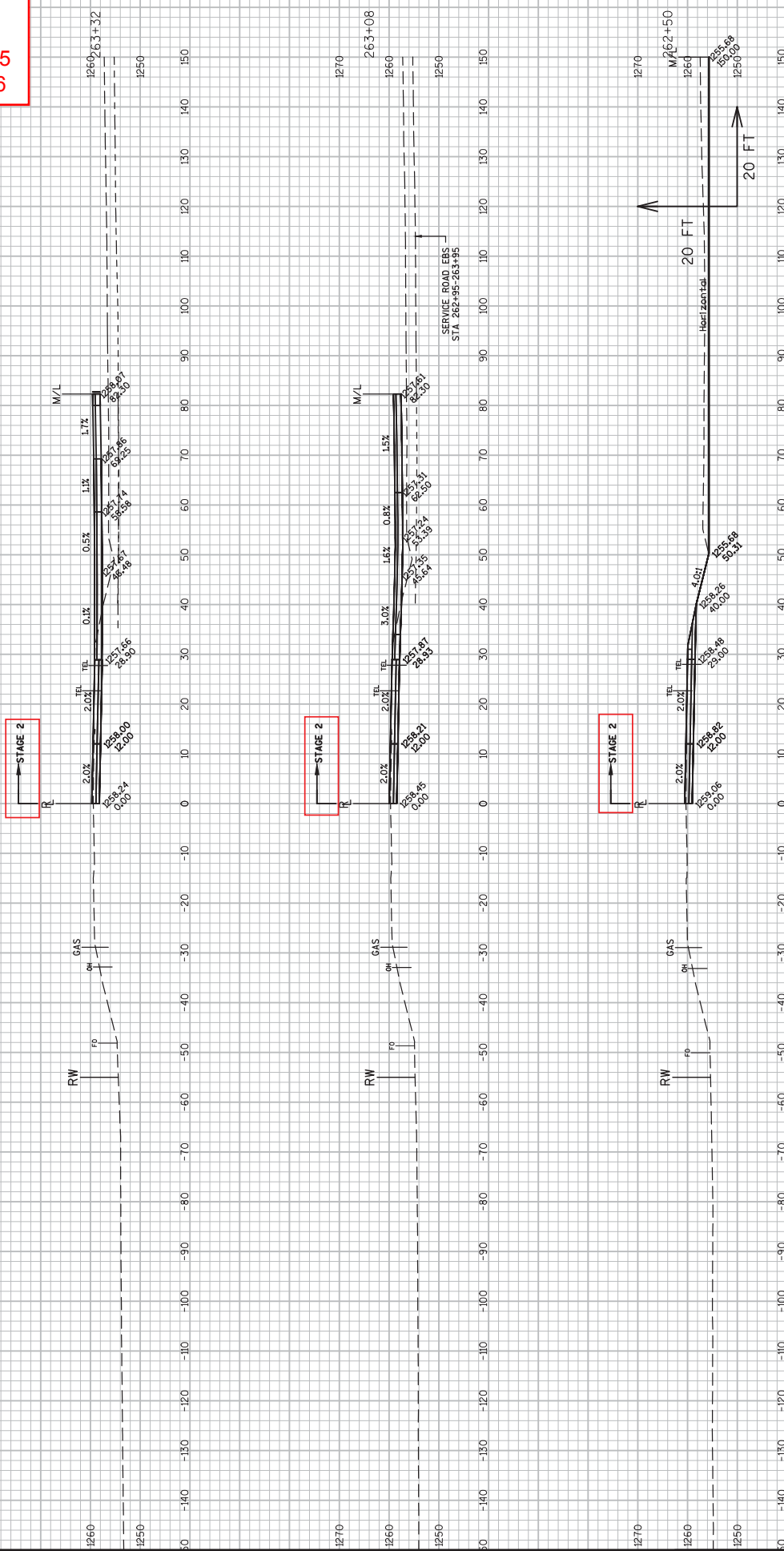


PROJECT NO: 1021-01-70
 COUNTY: ST. CROIX
 HWY: STH 128
 CROSS SECTIONS: STH 128 NB
 SHEET 383
 E

Addendum No. 01
 ID 1021-01-70
 Revised Sheet 384
 November 1, 2016



Addendum No. 01
 ID 1021-01-70
 Revised Sheet 385
 November 1, 2016

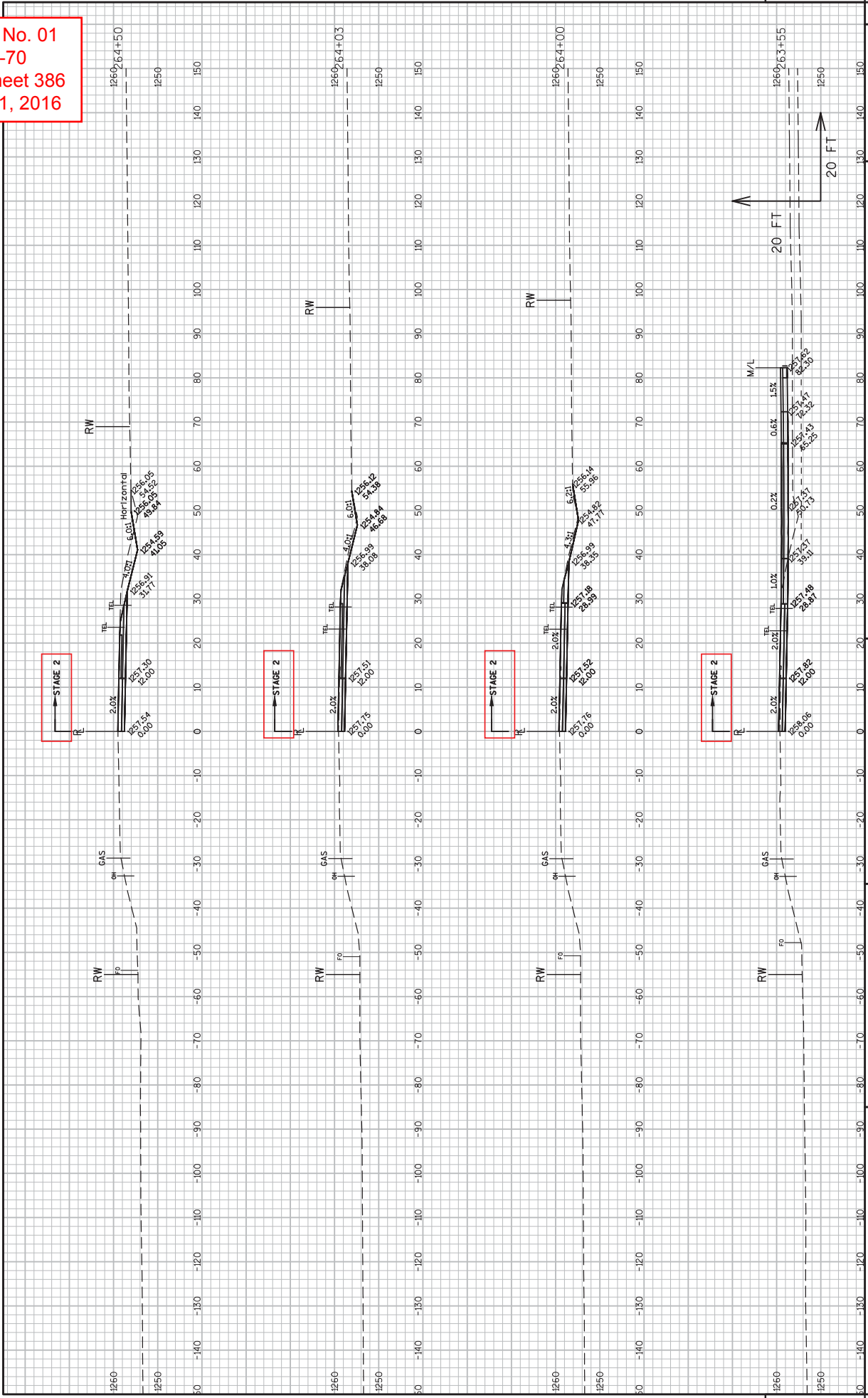


PROJECT NO: 1021-01-70
 COUNTY: ST. CROIX
 HWY: STH 128
 CROSS SECTIONS: STH 128 NB
 SHEET 385
 E

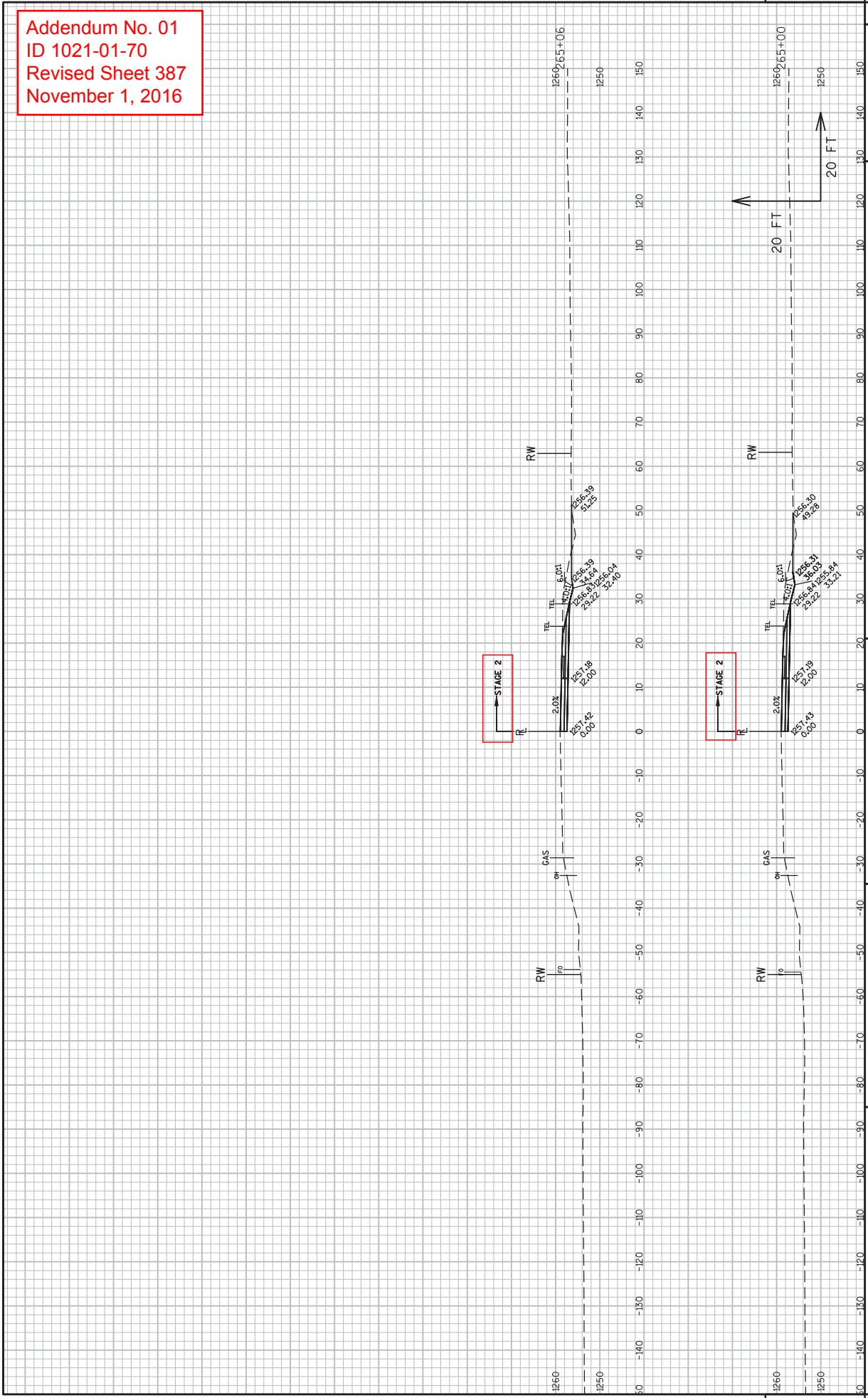
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Addendum No. 01
 ID 1021-01-70
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 November 1, 2016

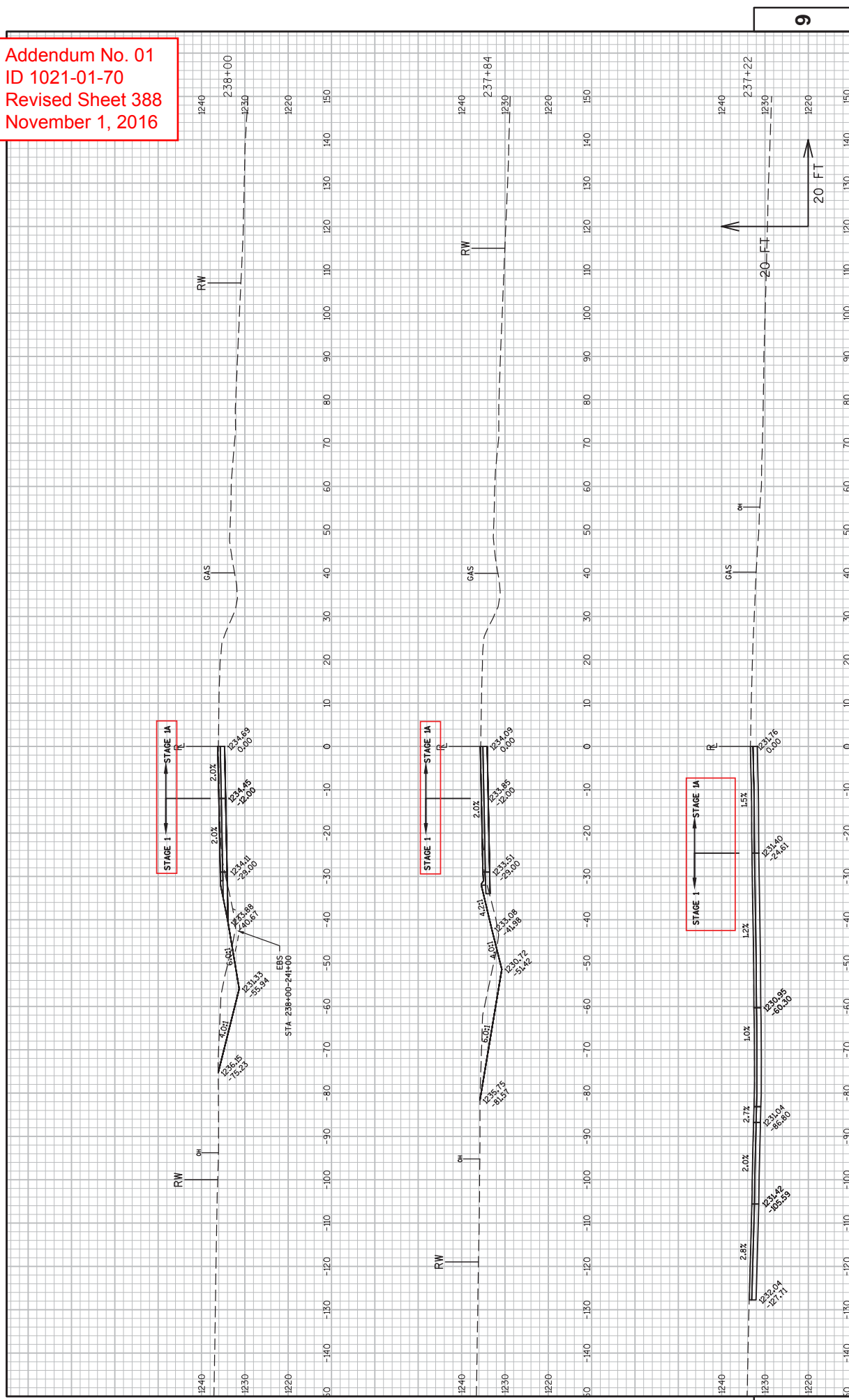


Addendum No. 01
 ID 1021-01-70
 Revised Sheet 387
 November 1, 2016

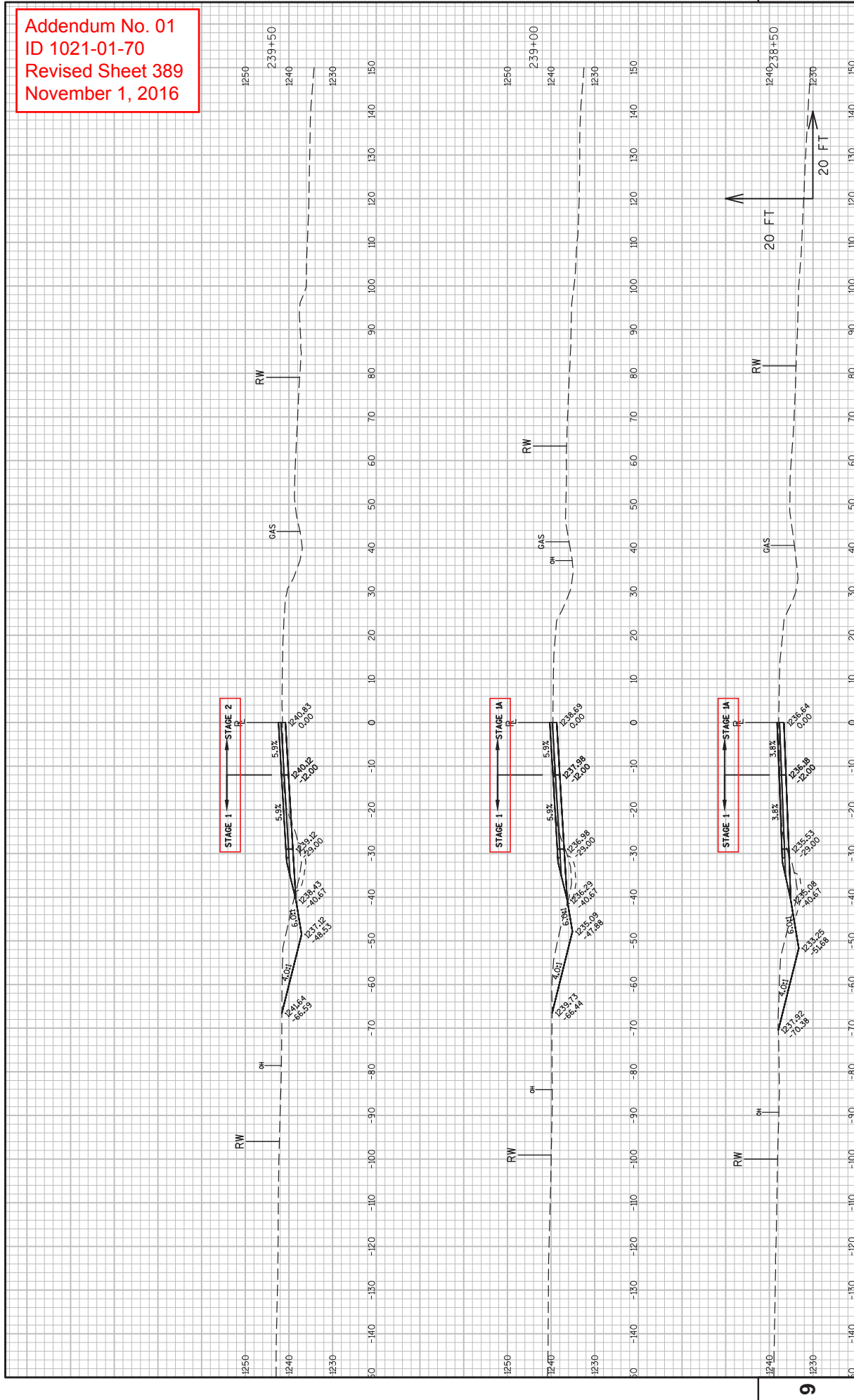


PROJECT NO: 1021-01-70
 COUNTY: ST. CROIX
 HWY: STH 128
 CROSS SECTIONS: STH 128 NB
 SHEET 387
 E
 9
 FILE NAME : N:\VPOS\330\10210100\DESIGN\PLANS PRODUCTION\090101.XS_STH128NB.DWG
 LAYOUT NAME - SECTION SHEET - (45)
 PLOT DATE : 10/17/2016 10:09 AM
 PLOT BY : THAO, KOU
 PLOT NAME :
 PLOT SCALE : 1 IN:20 FT
 WSDOT/CADD SHEET 49

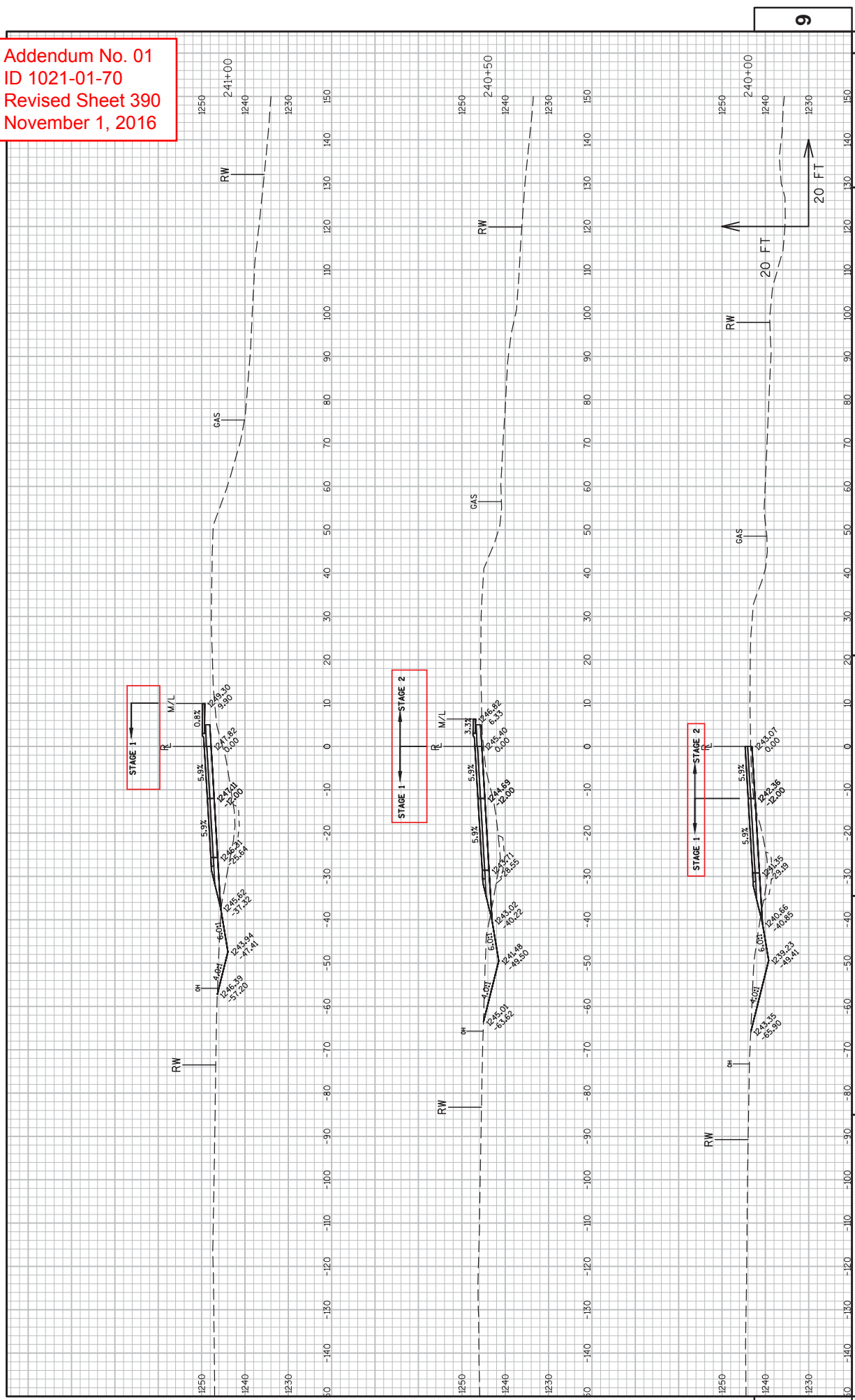
Addendum No. 01
 ID 1021-01-70
 Revised Sheet 388
 November 1, 2016



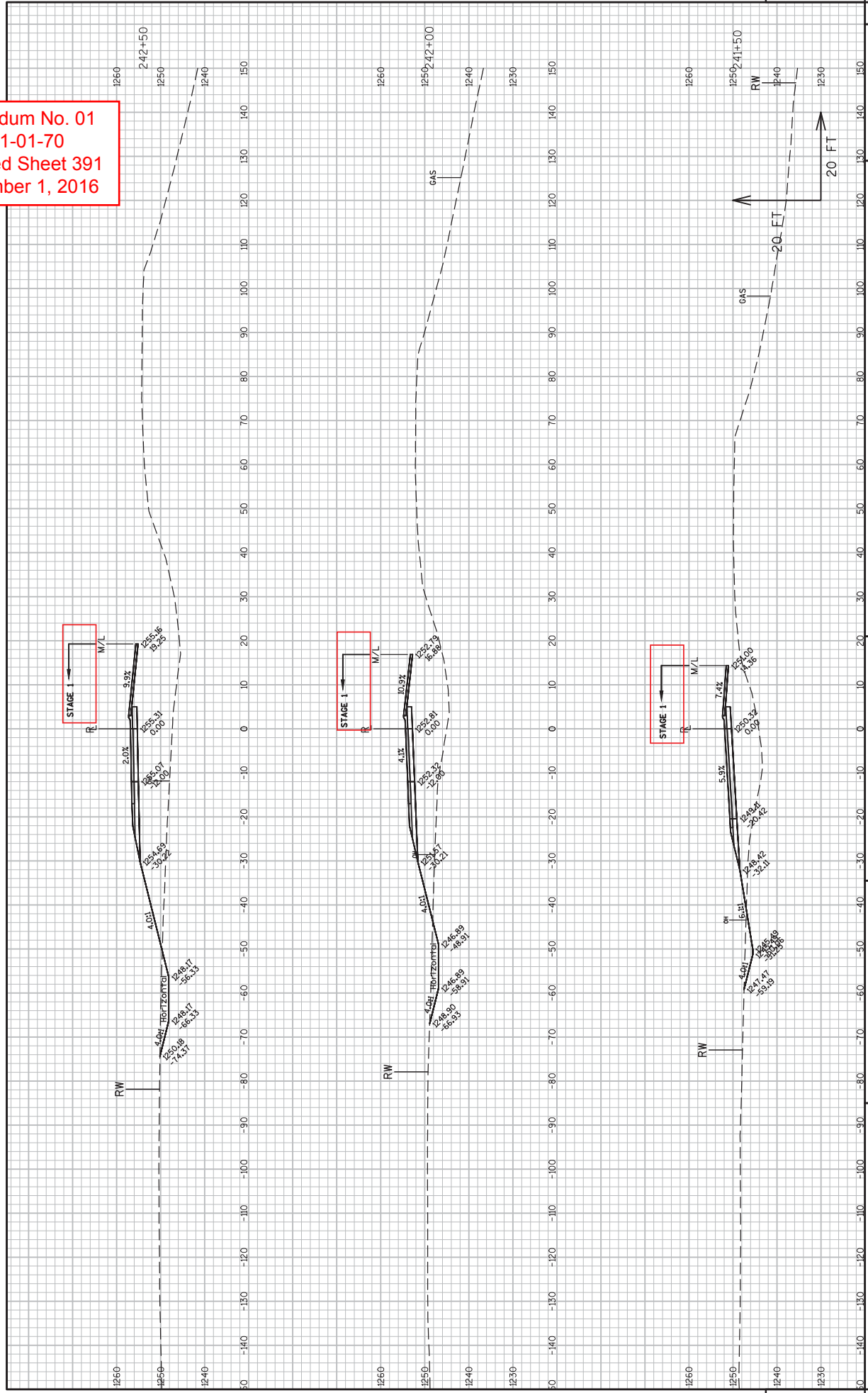
Addendum No. 01
 ID 1021-01-70
 Revised Sheet 389
 November 1, 2016



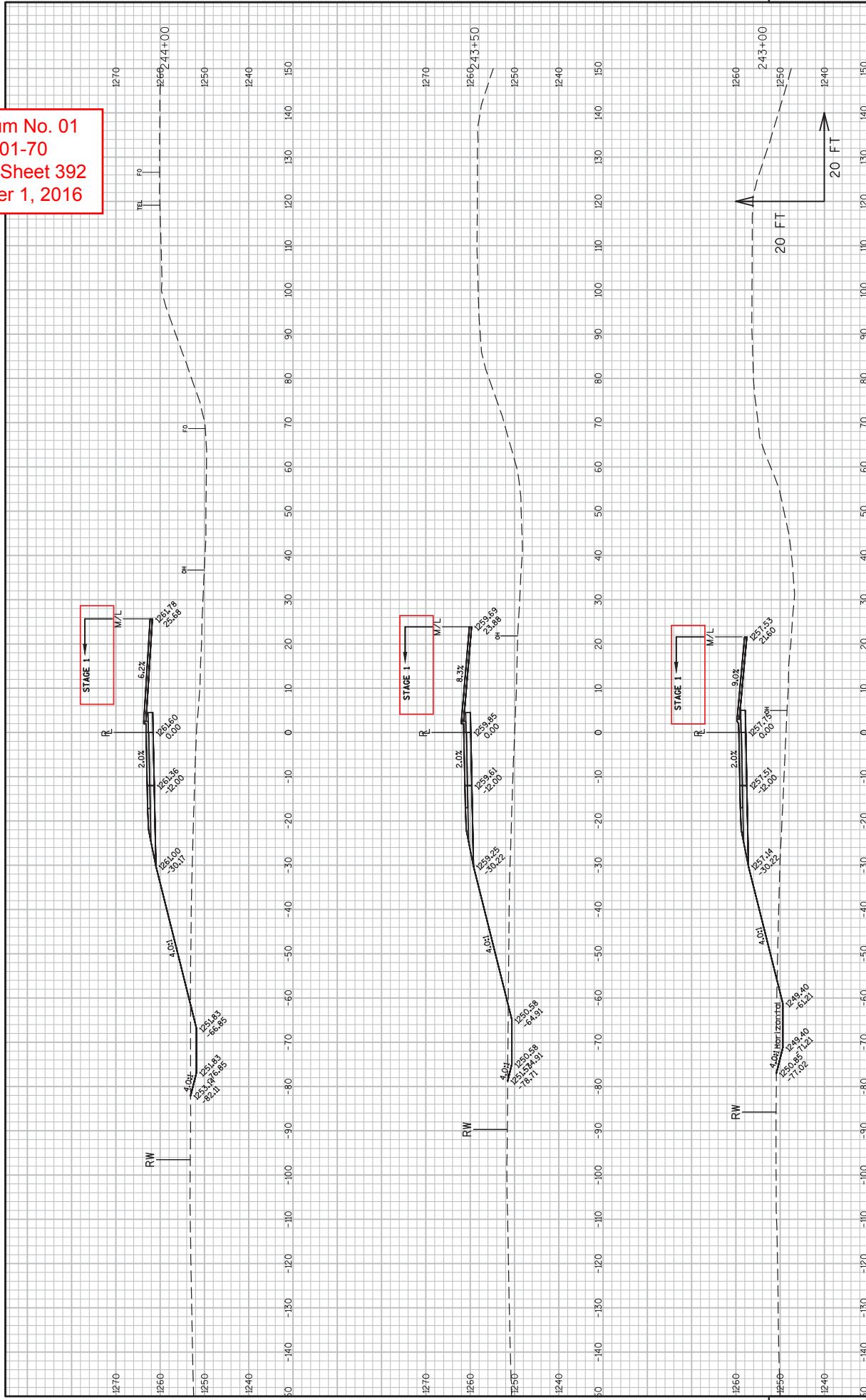
Addendum No. 01
 ID 1021-01-70
 Revised Sheet 390
 November 1, 2016



Addendum No. 01
 ID 1021-01-70
 Revised Sheet 391
 November 1, 2016



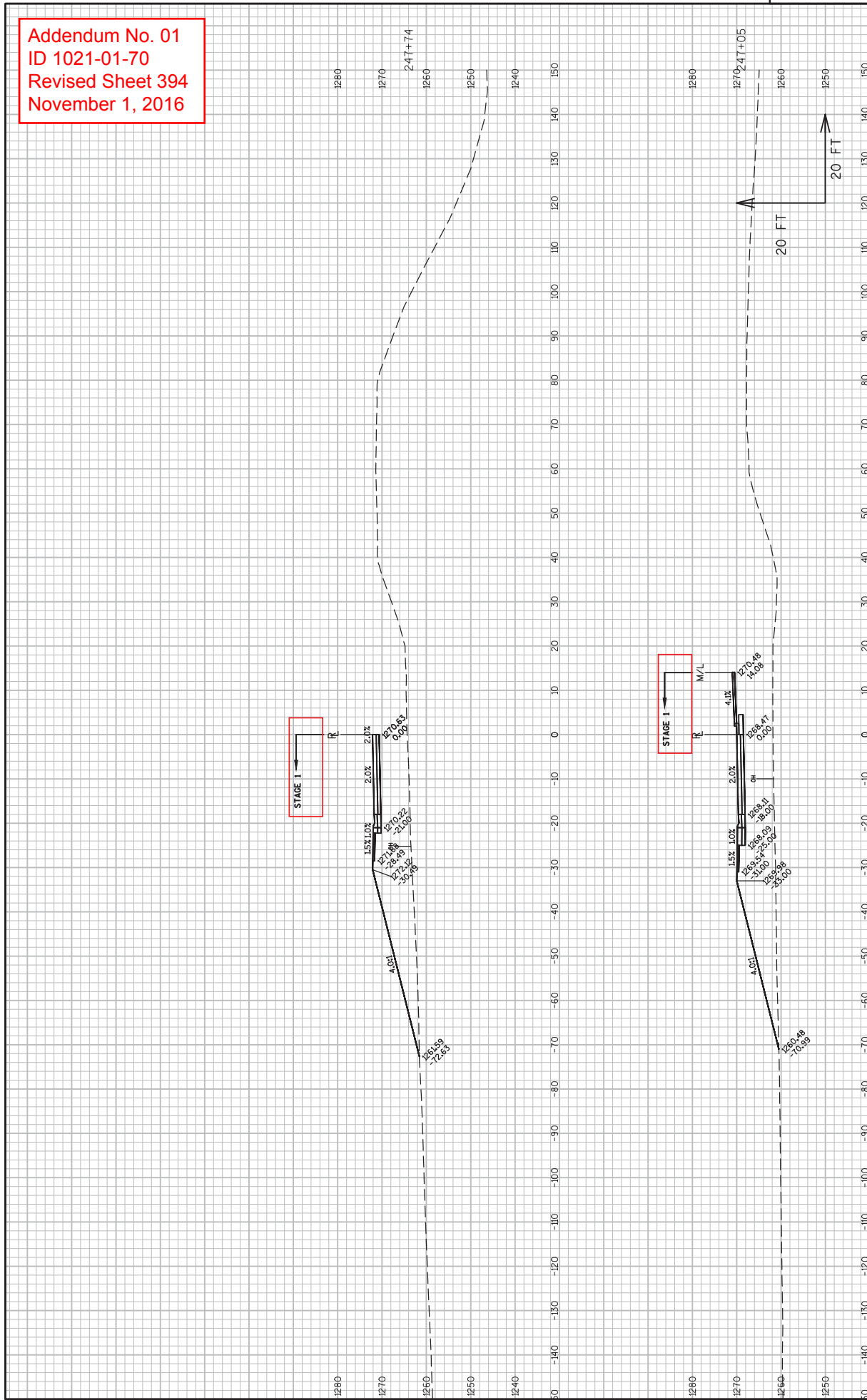
Addendum No. 01
 ID 1021-01-70
 Revised Sheet 392
 November 1, 2016



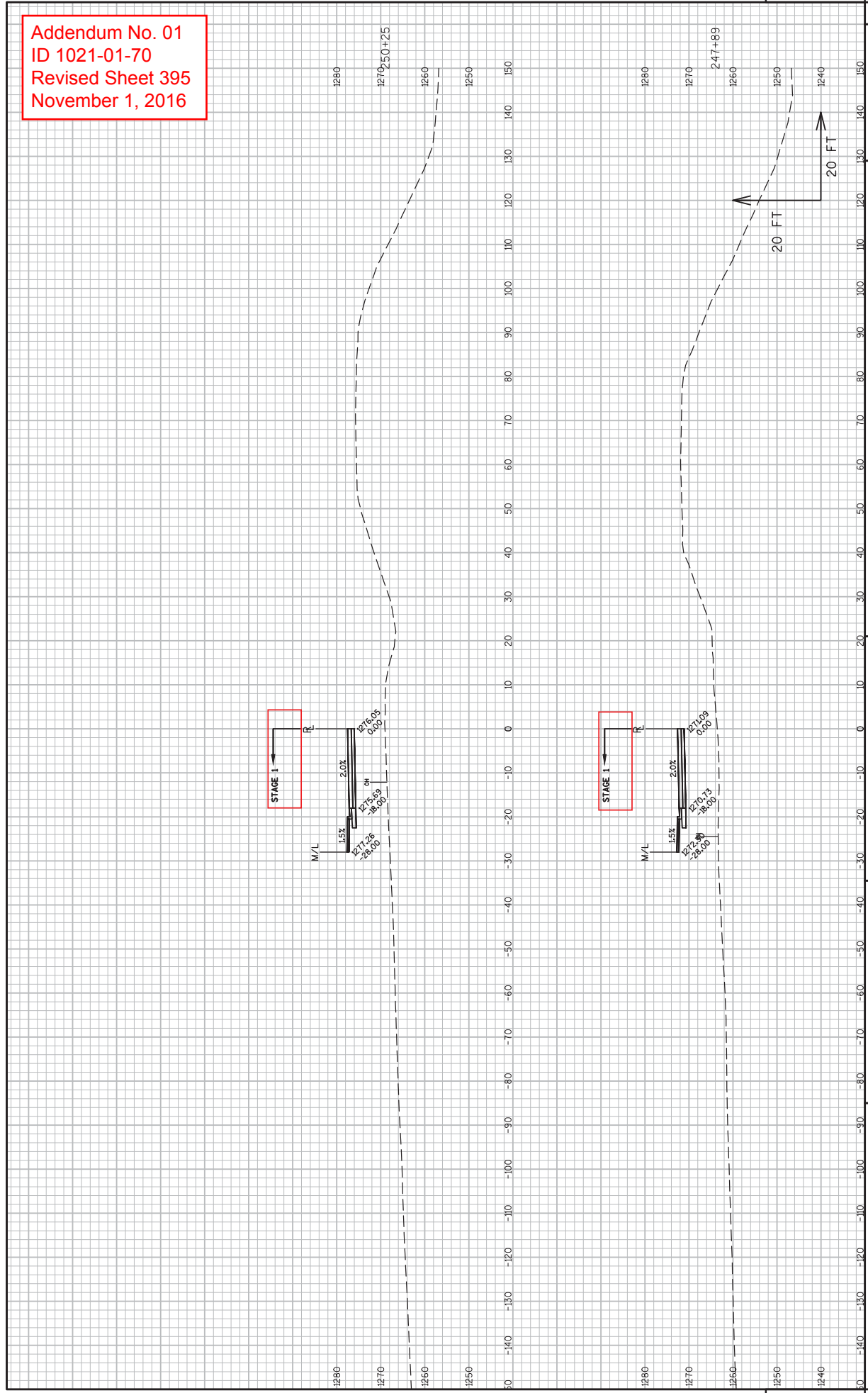
Addendum No. 01
 ID 1021-01-70
 Revised Sheet 393
 November 1, 2016



Addendum No. 01
 ID 1021-01-70
 Revised Sheet 394
 November 1, 2016



Addendum No. 01
 ID 1021-01-70
 Revised Sheet 395
 November 1, 2016



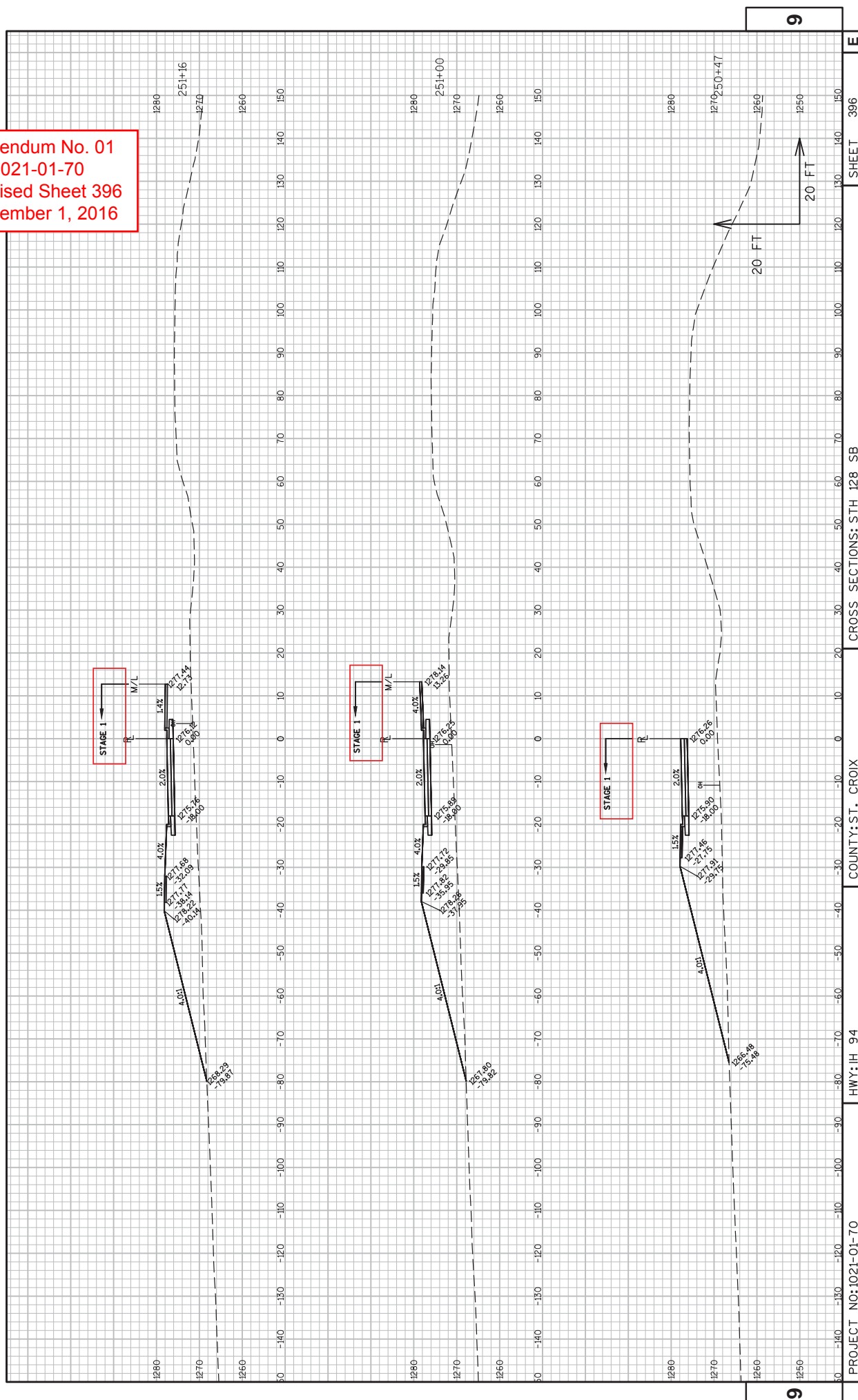
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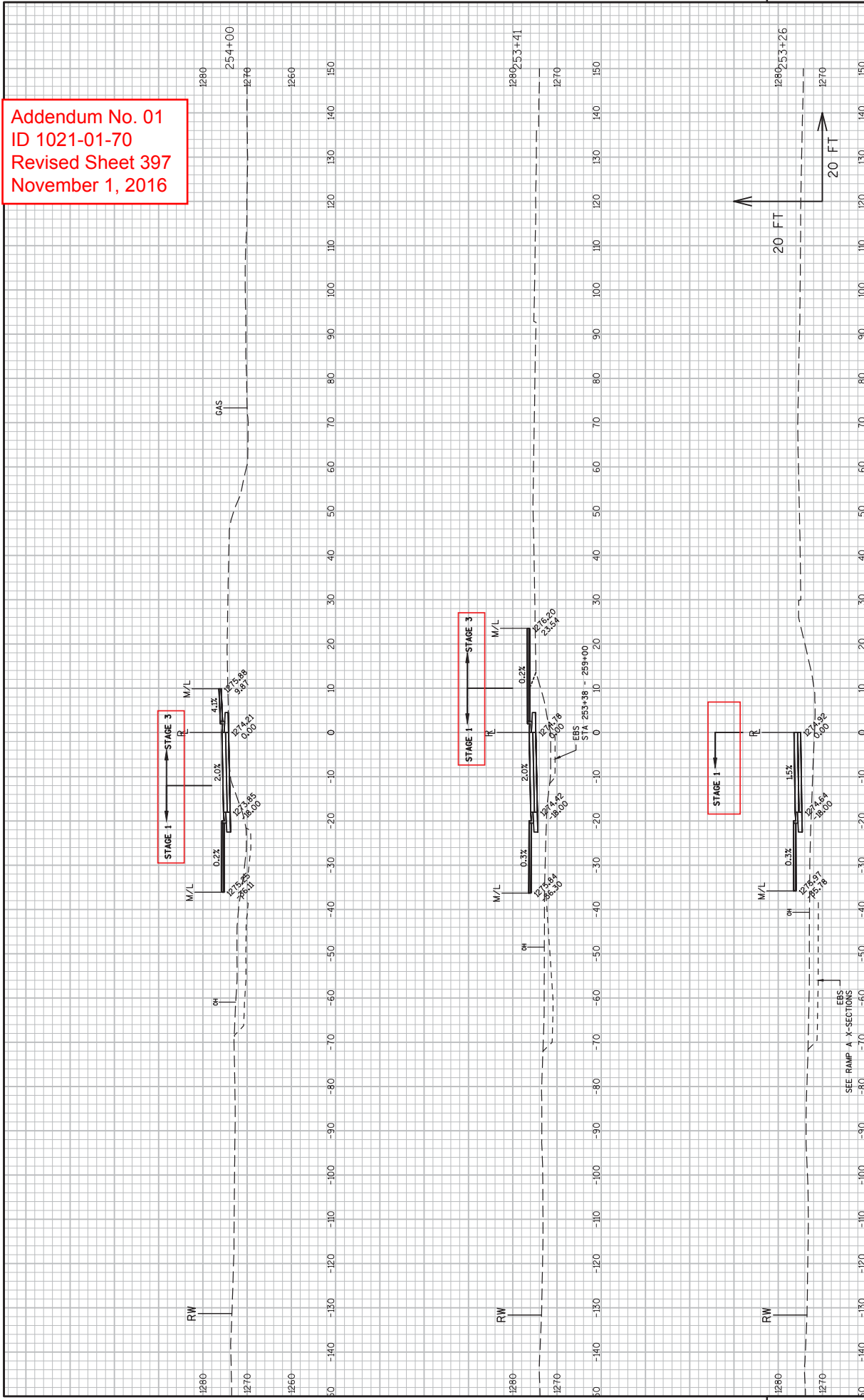
PROJECT NO: 1021-01-70
 COUNTY: ST. CROIX
 CROSS SECTIONS: STH 128 SB
 HWY: IH 94
 SHEET 395
 E

FILE NAME : N:\VPOS\330\10210100\DESIGN\PLANS PRODUCTION\90101.XS_STH128SB.DWG
 LAYOUT NAME - SECTION SHEET - (28)
 PLOT DATE : 10/13/2016 2:11 PM
 PLOT BY : THAO, KOU
 PLOT NAME :
 PLOT SCALE : 1 IN:20 FT
 WSDOT/CADD SHEET 49

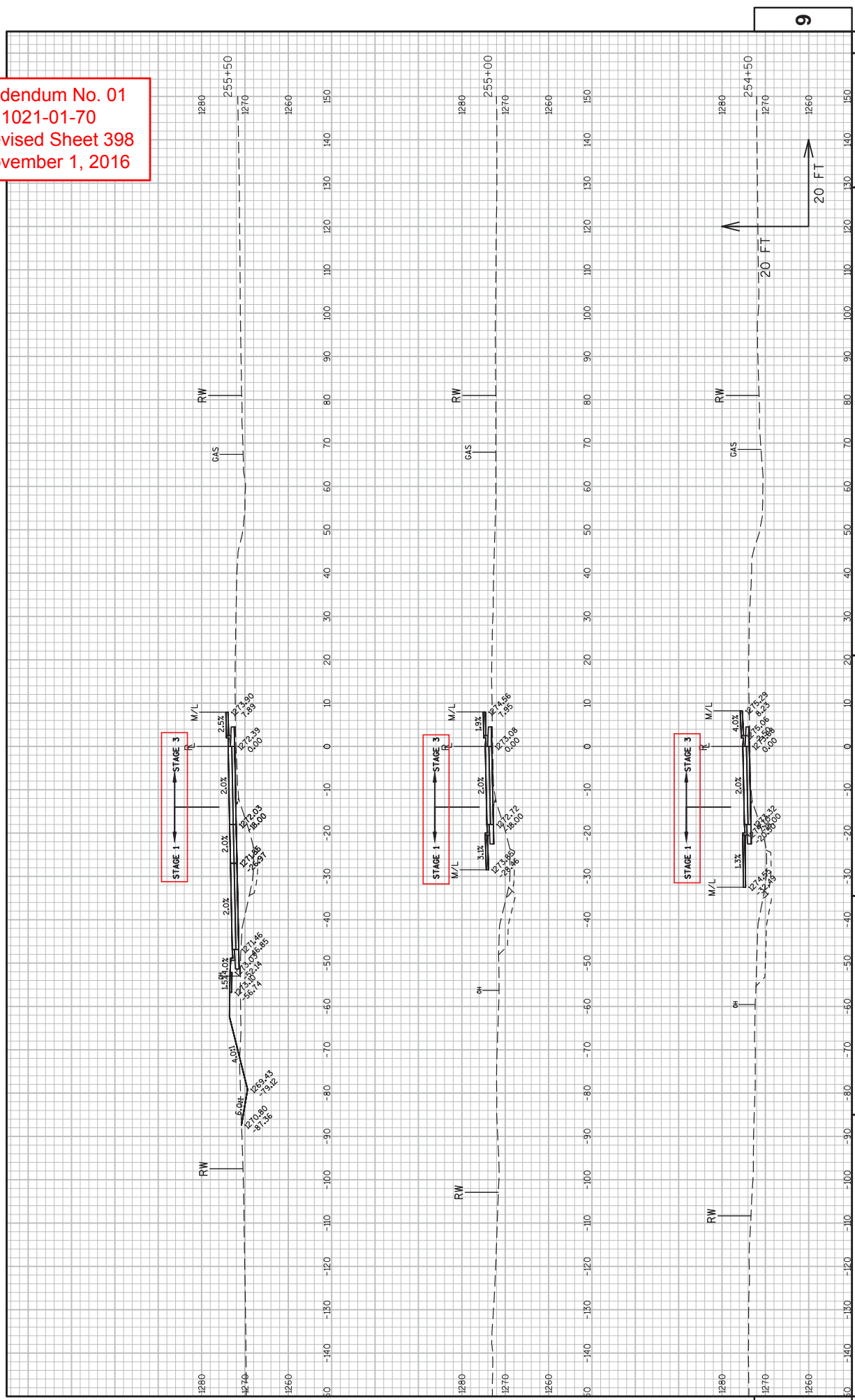
Addendum No. 01
 ID 1021-01-70
 Revised Sheet 396
 November 1, 2016



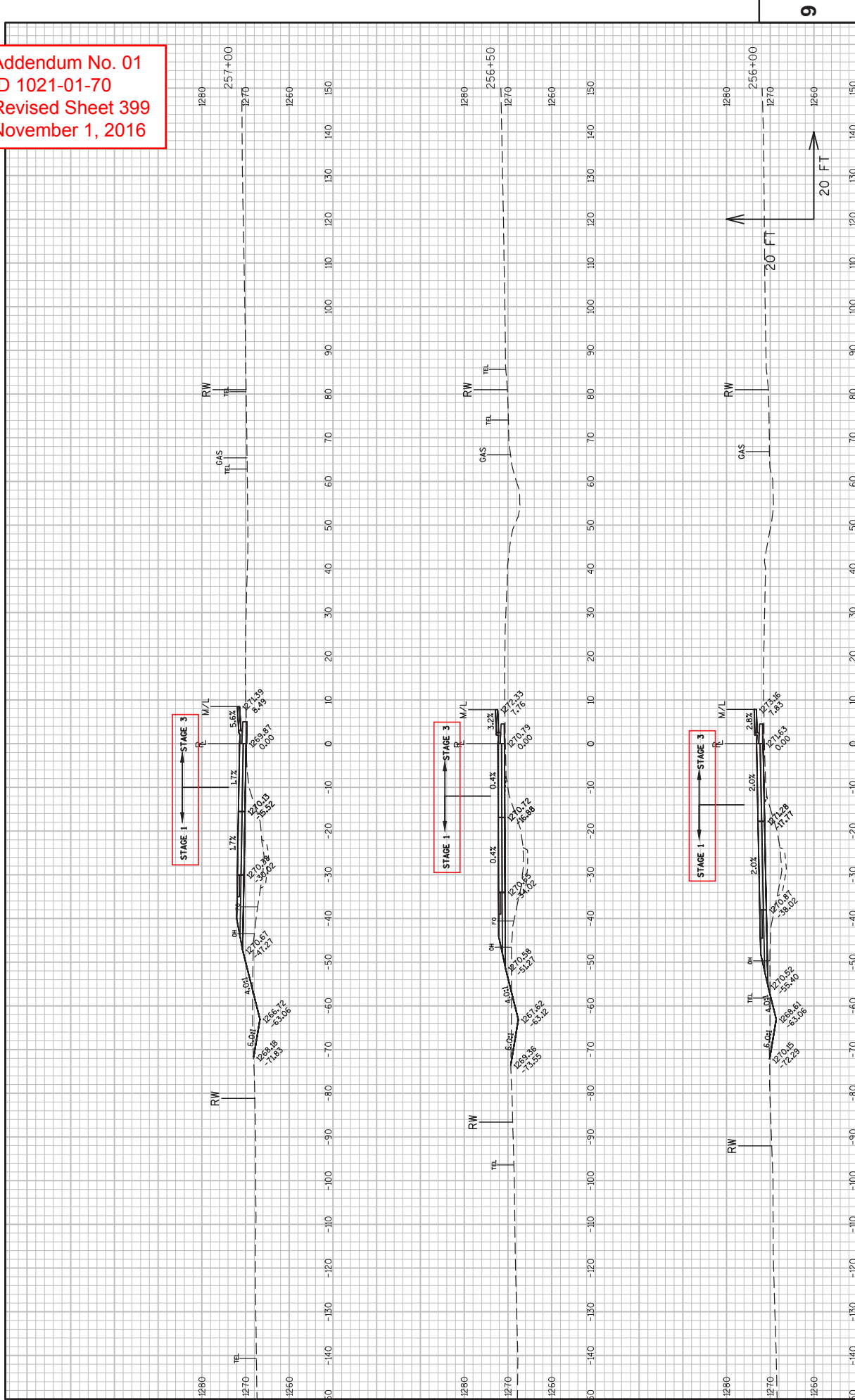
Addendum No. 01
 ID 1021-01-70
 Revised Sheet 397
 November 1, 2016



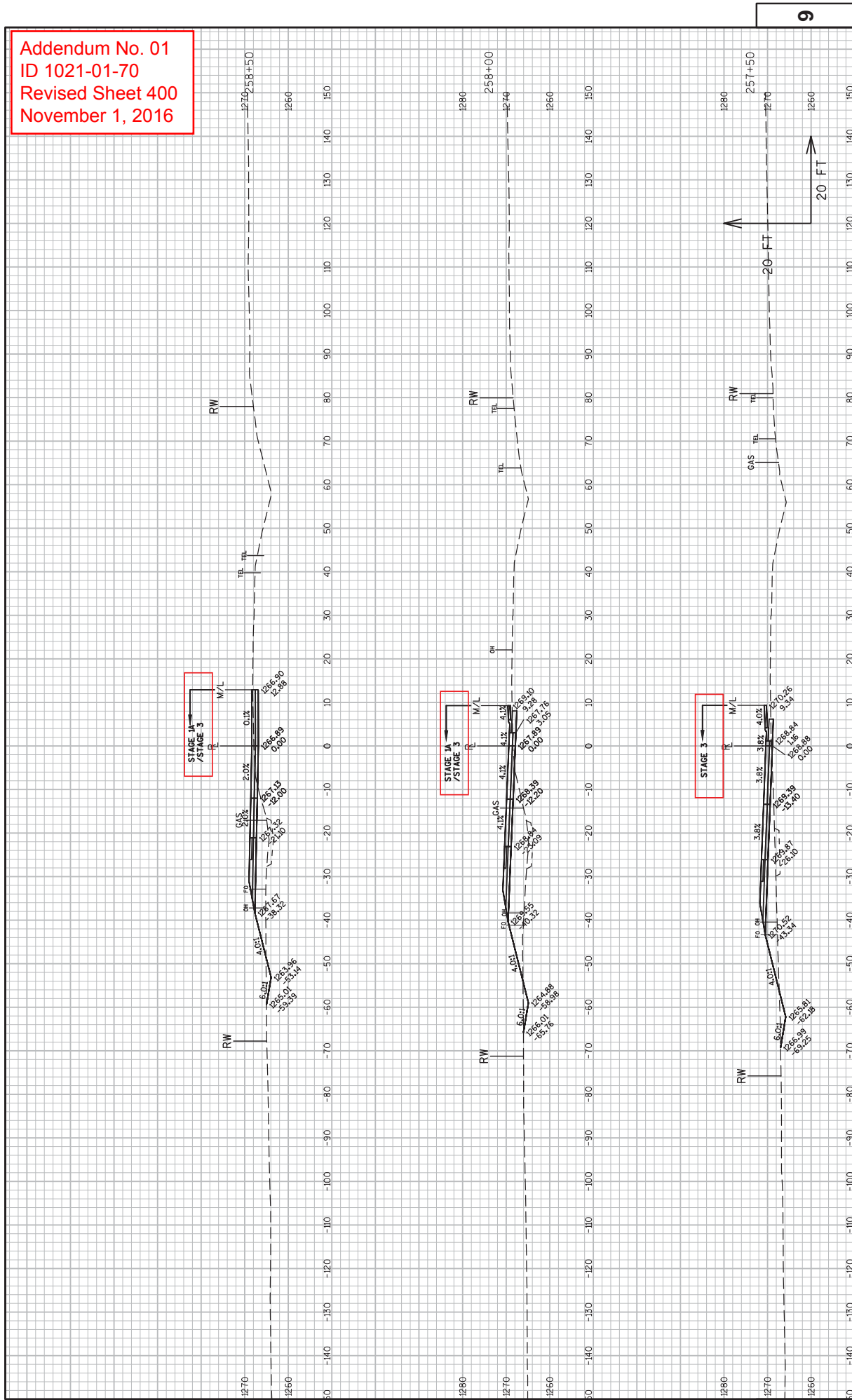
Addendum No. 01
 ID 1021-01-70
 Revised Sheet 398
 November 1, 2016



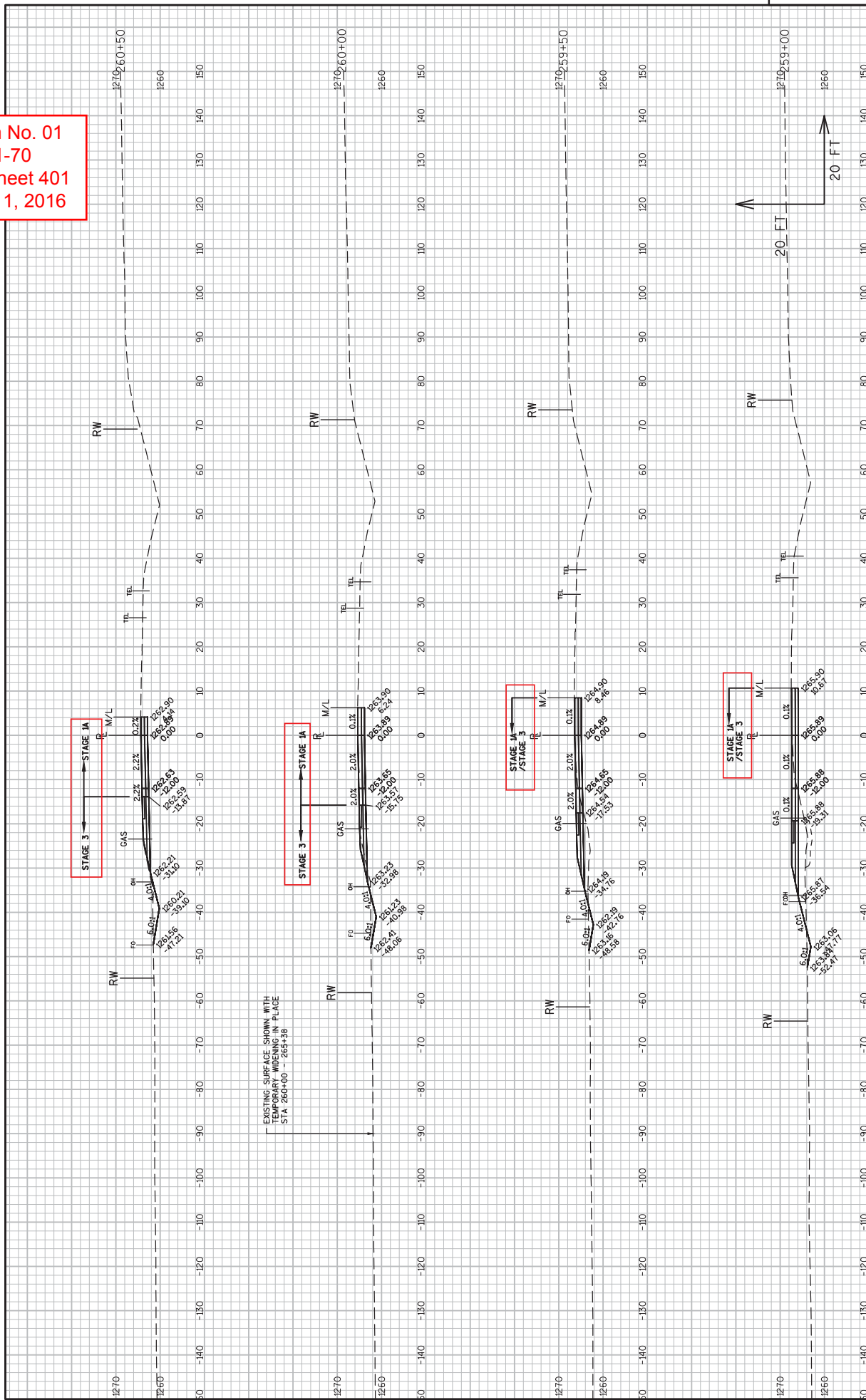
Addendum No. 01
 ID 1021-01-70
 Revised Sheet 399
 November 1, 2016



Addendum No. 01
 ID 1021-01-70
 Revised Sheet 400
 November 1, 2016

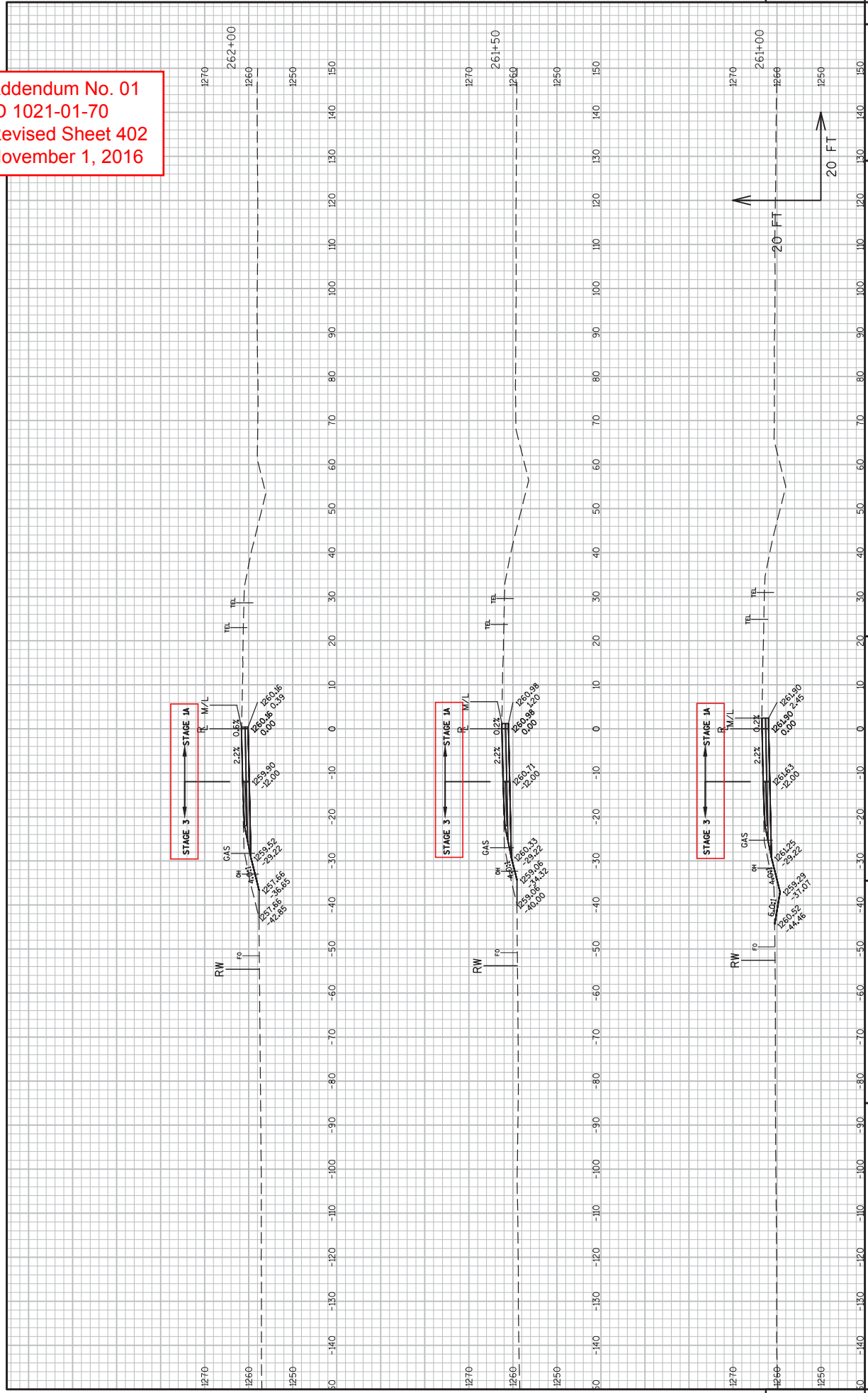


Addendum No. 01
 ID 1021-01-70
 Revised Sheet 401
 November 1, 2016

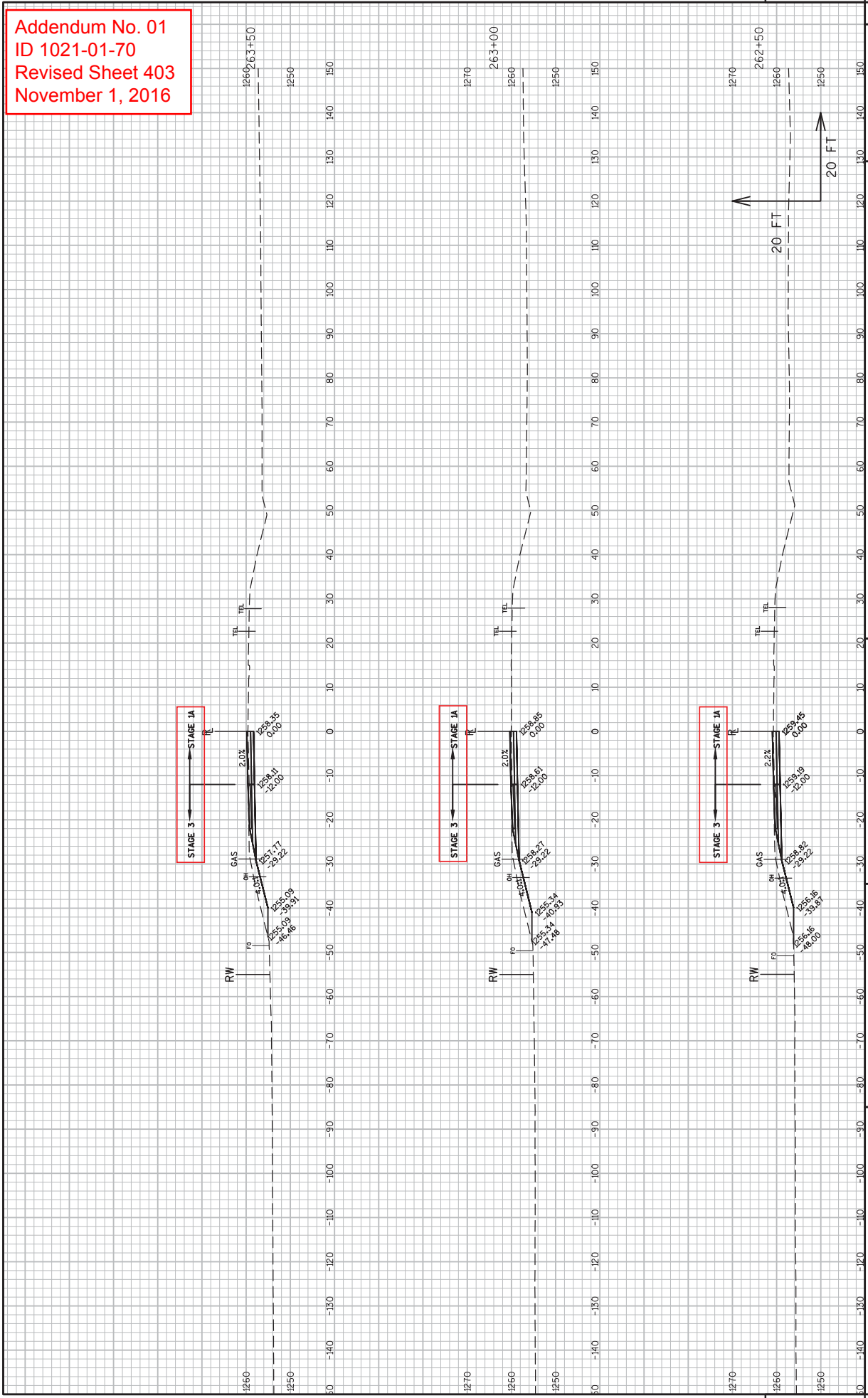


EXISTING SURFACE SHOWN WITH
 TEMPORARY WIDENING IN PLACE
 STA 266+00 - 267+38

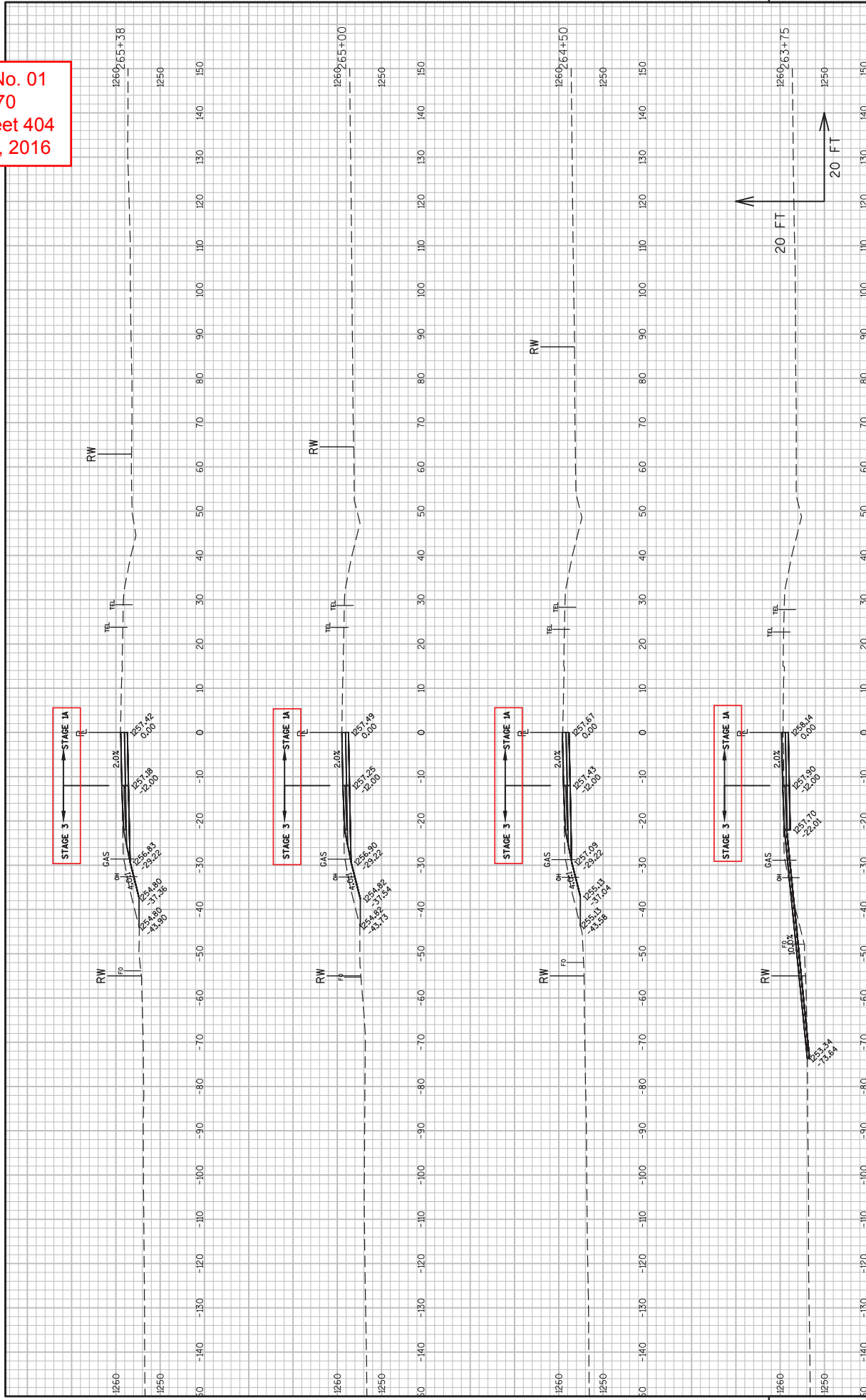
Addendum No. 01
 ID 1021-01-70
 Revised Sheet 402
 November 1, 2016



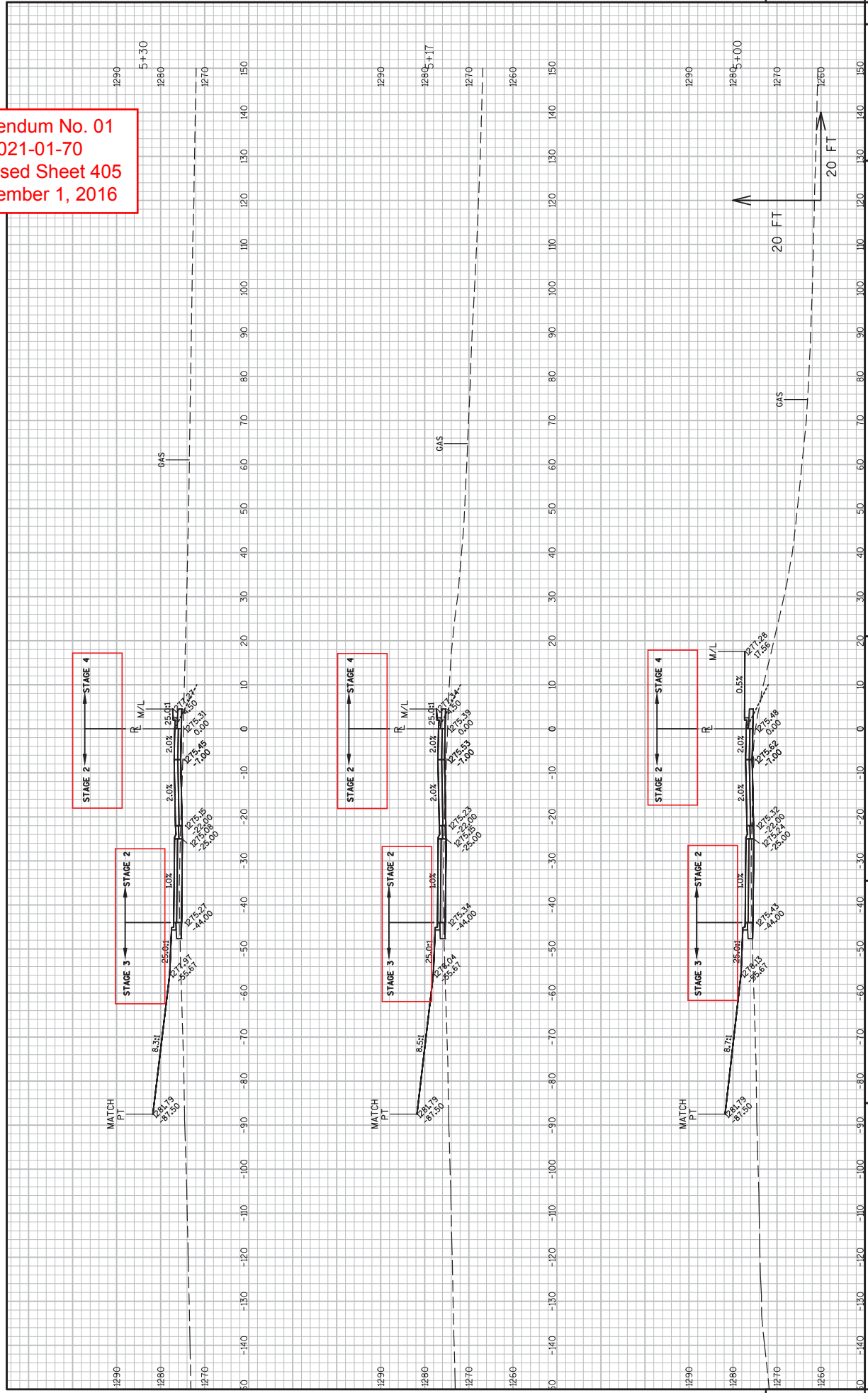
Addendum No. 01
 ID 1021-01-70
 Revised Sheet 403
 November 1, 2016



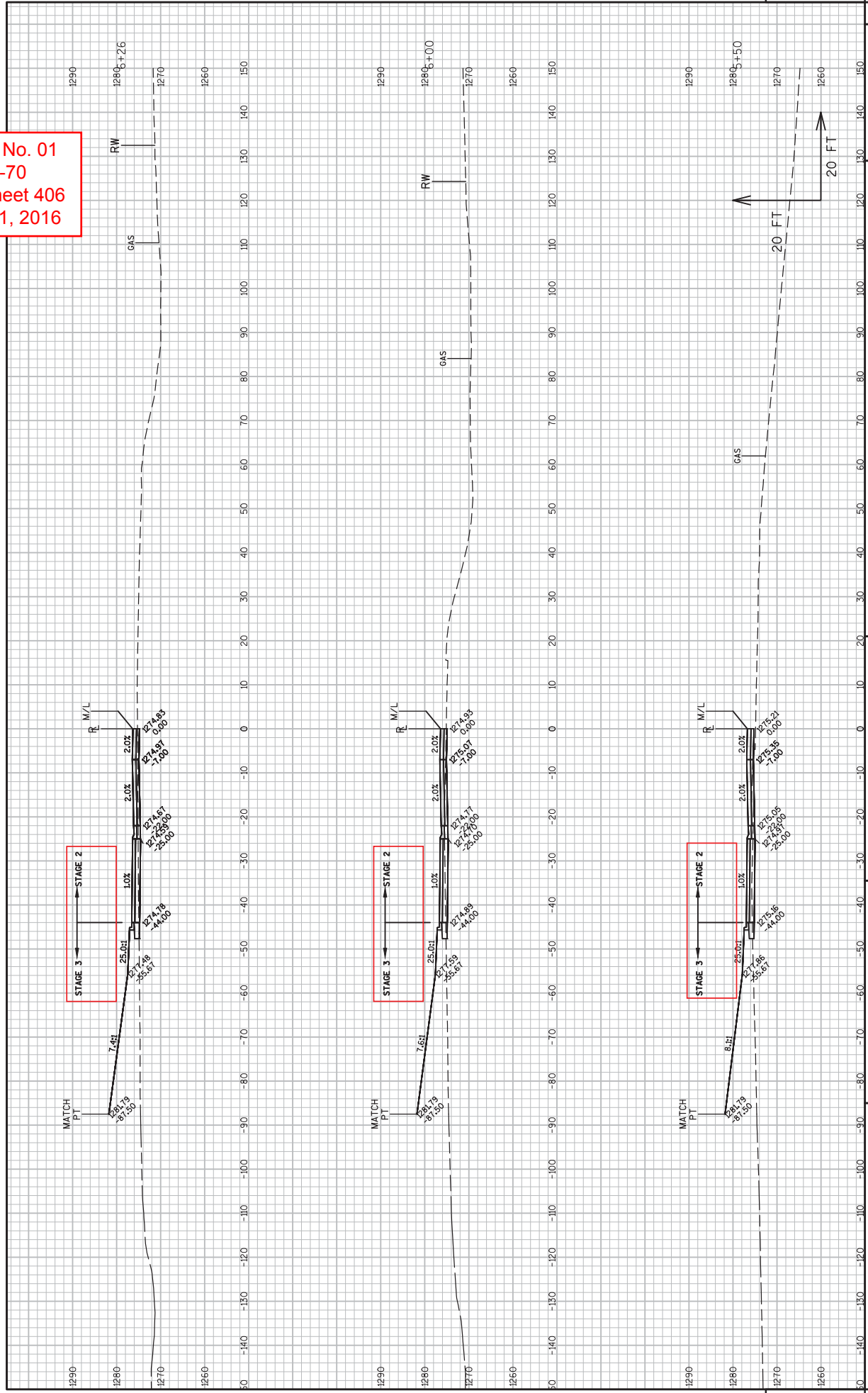
Addendum No. 01
 ID 1021-01-70
 Revised Sheet 404
 November 1, 2016



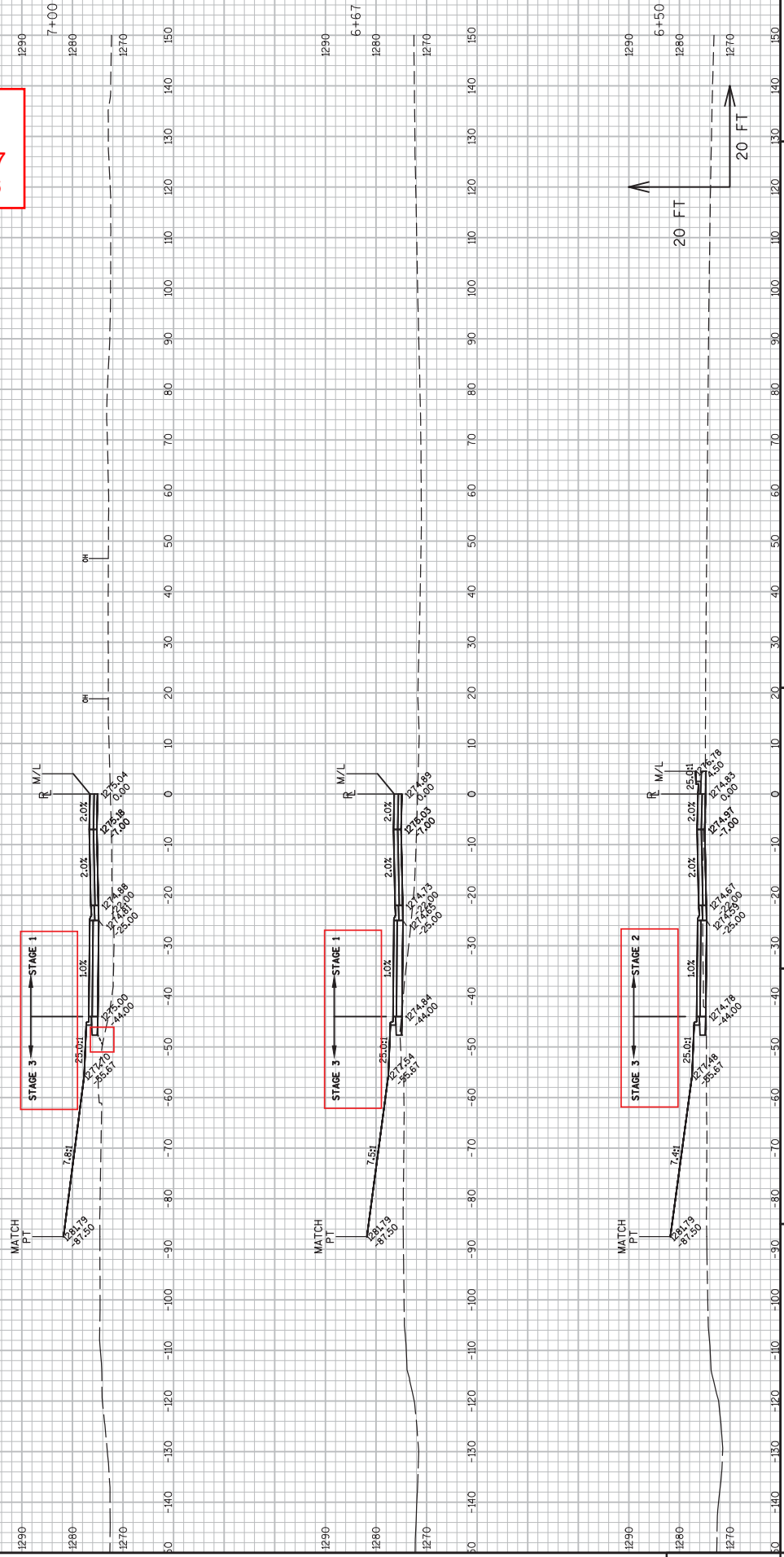
Addendum No. 01
 ID 1021-01-70
 Revised Sheet 405
 November 1, 2016



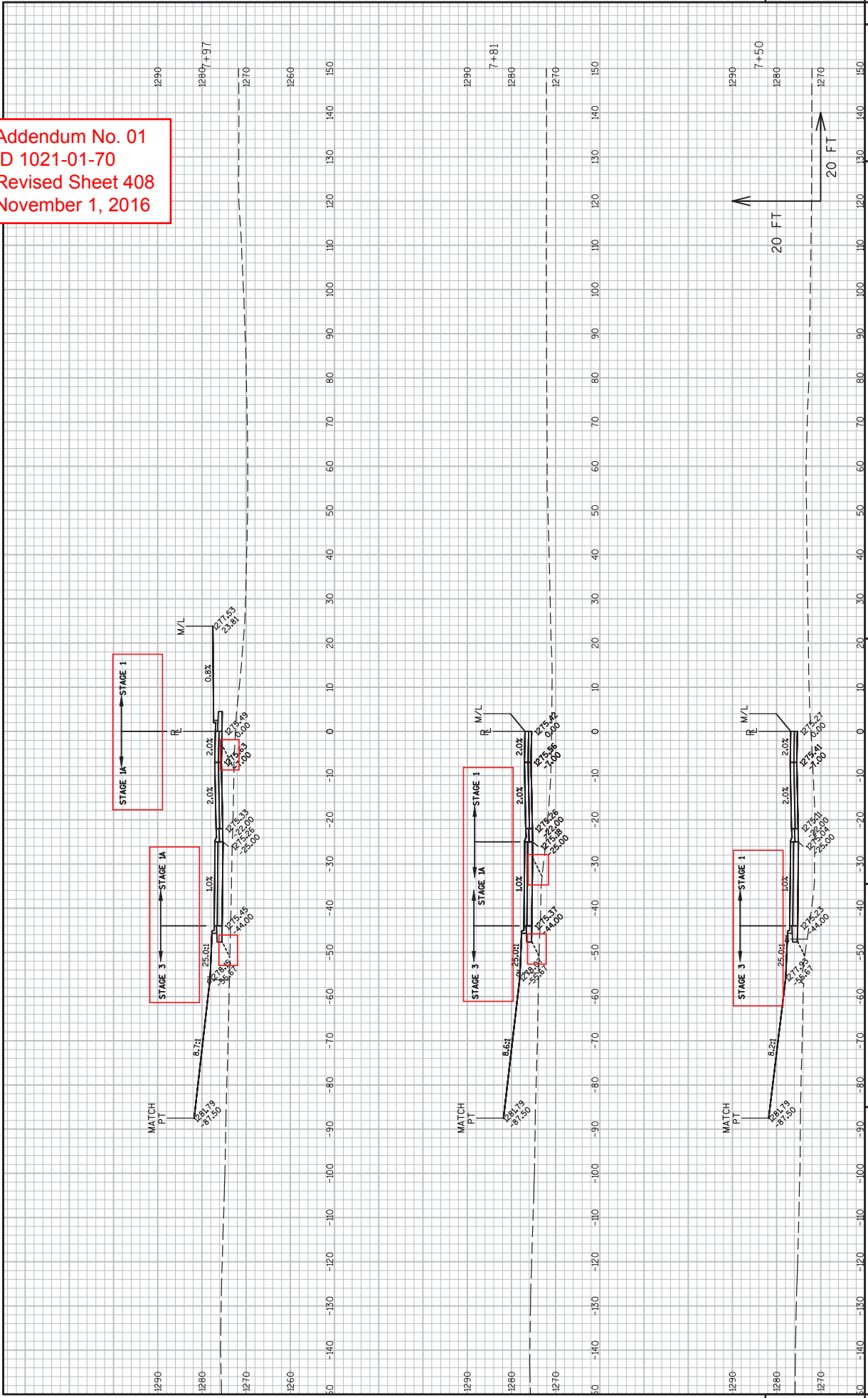
Addendum No. 01
 ID 1021-01-70
 Revised Sheet 406
 November 1, 2016



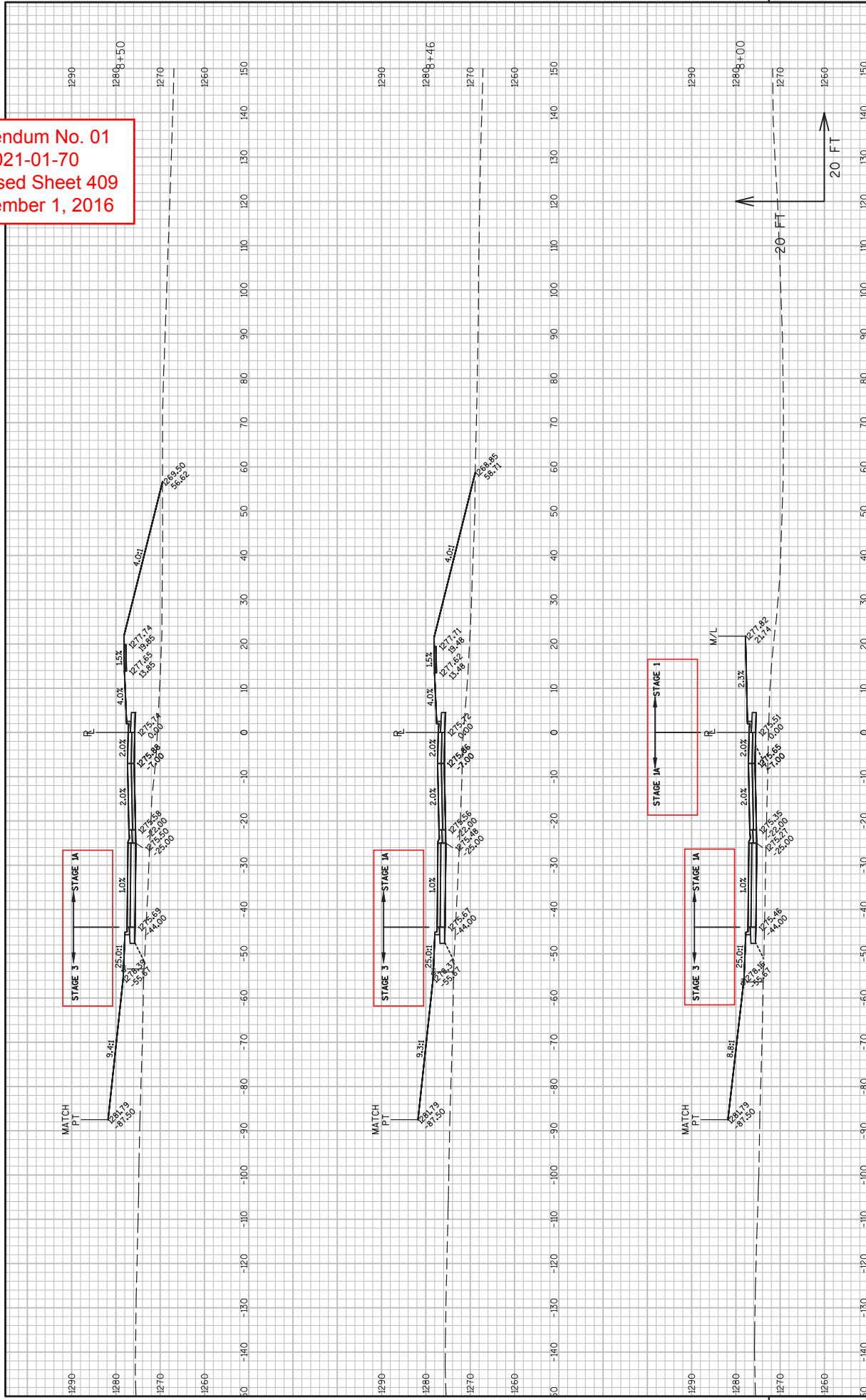
Addendum No. 01
 ID 1021-01-70
 Revised Sheet 407
 November 1, 2016



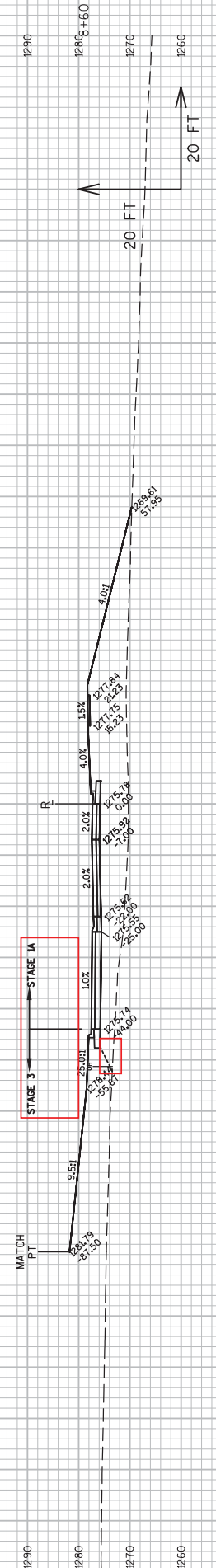
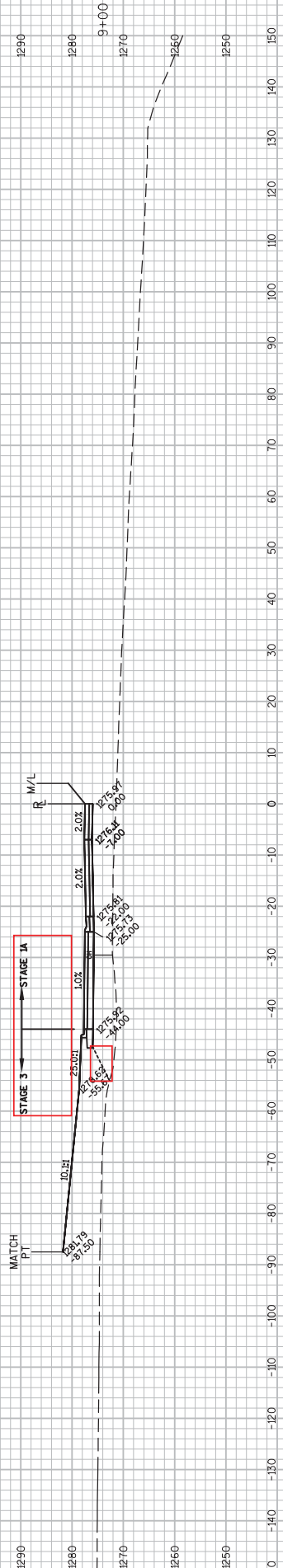
Addendum No. 01
 ID 1021-01-70
 Revised Sheet 408
 November 1, 2016



Addendum No. 01
 ID 1021-01-70
 Revised Sheet 409
 November 1, 2016



Addendum No. 01
 ID 1021-01-70
 Revised Sheet 410
 November 1, 2016



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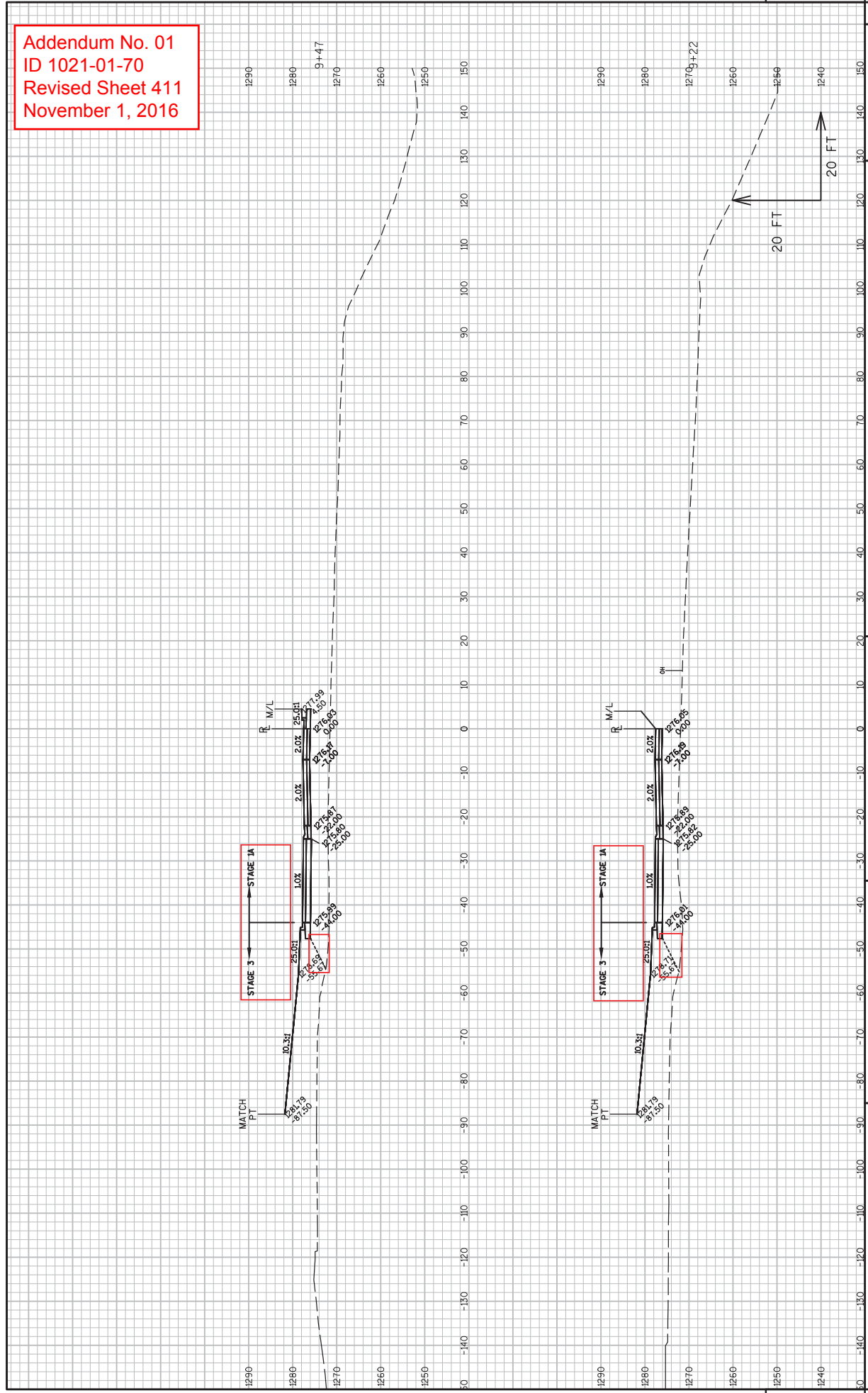
PROJECT NO: 1021-01-70 COUNTY: ST. CROIX CROSS SECTIONS: ROUNDABOUT NORTH SHEET 410 E

HWY: STH 128

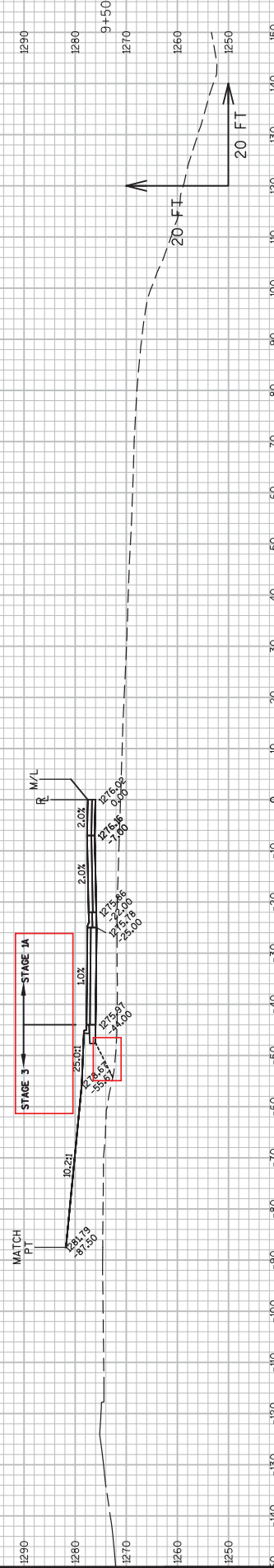
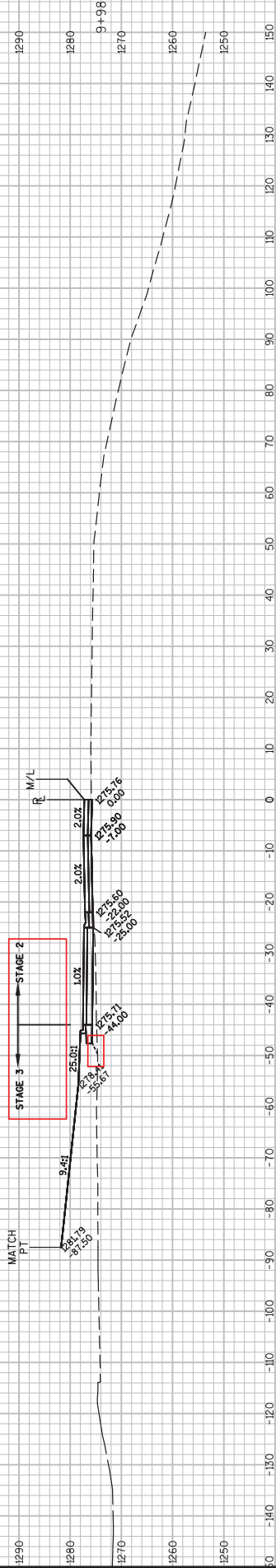
PLOT DATE : 10/17/2016 9:37 AM PLOT BY : THAO, KOU PLOT NAME : PLOT SCALE : 1 IN:20 FT WSDOT/CADD SHEET 49

FILE NAME : N:\VPS\C3D\10210100\DESIGN\PLANS PRODUCTION\090101.XS_R08TNO.DWG LAYOUT NAME - SECTION SHEET - (2)

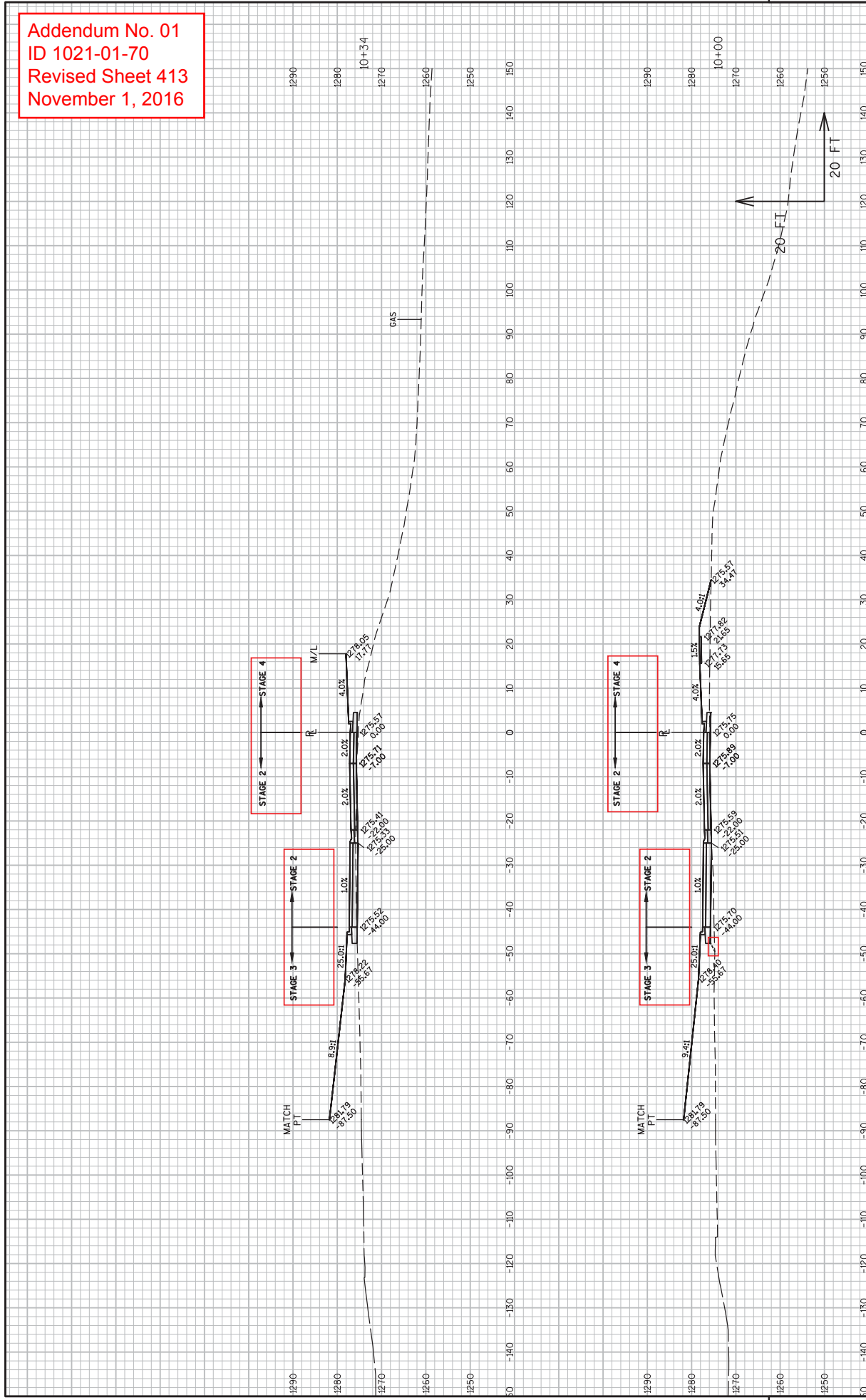
Addendum No. 01
 ID 1021-01-70
 Revised Sheet 411
 November 1, 2016



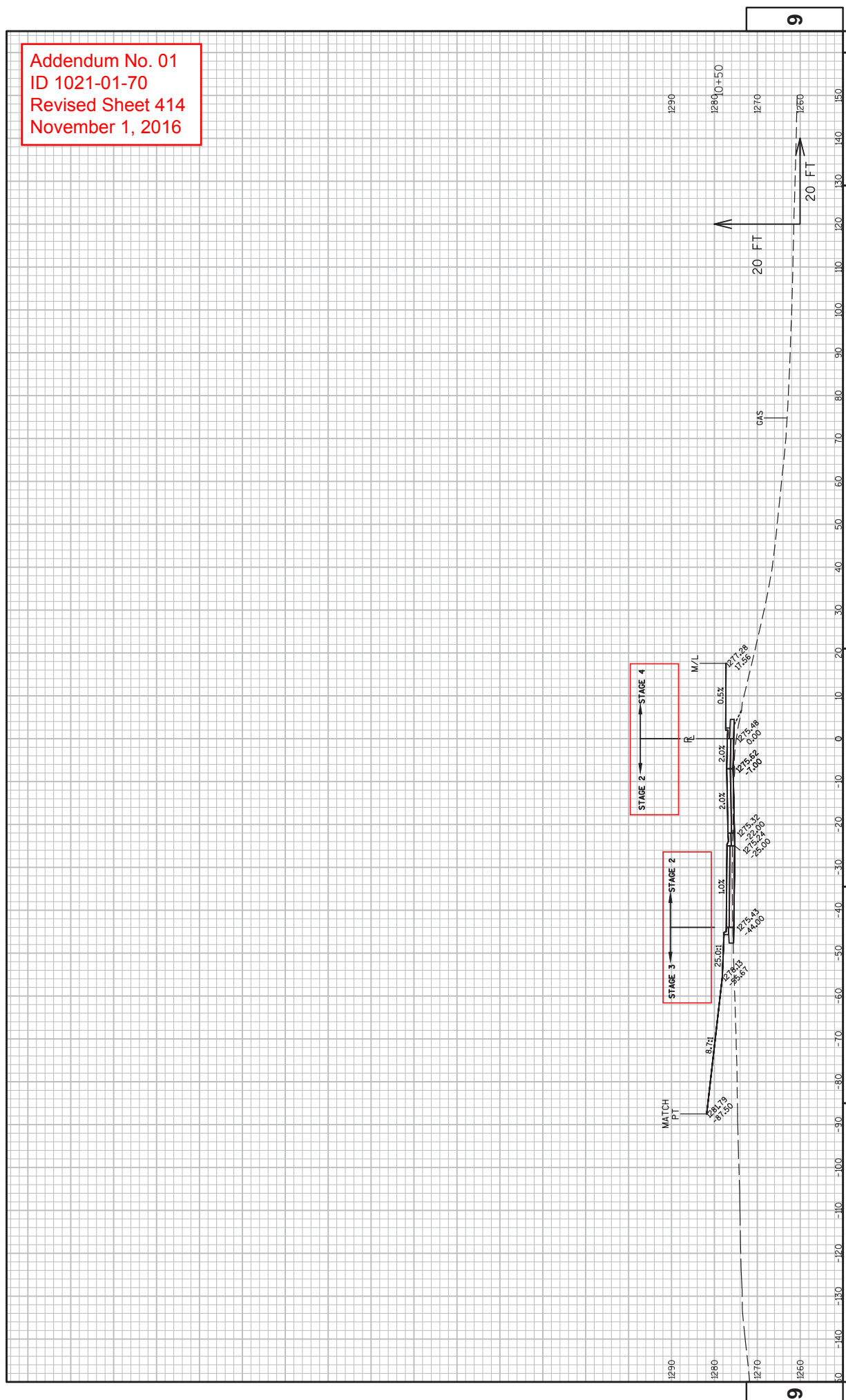
Addendum No. 01
 ID 1021-01-70
 Revised Sheet 412
 November 1, 2016



Addendum No. 01
 ID 1021-01-70
 Revised Sheet 413
 November 1, 2016



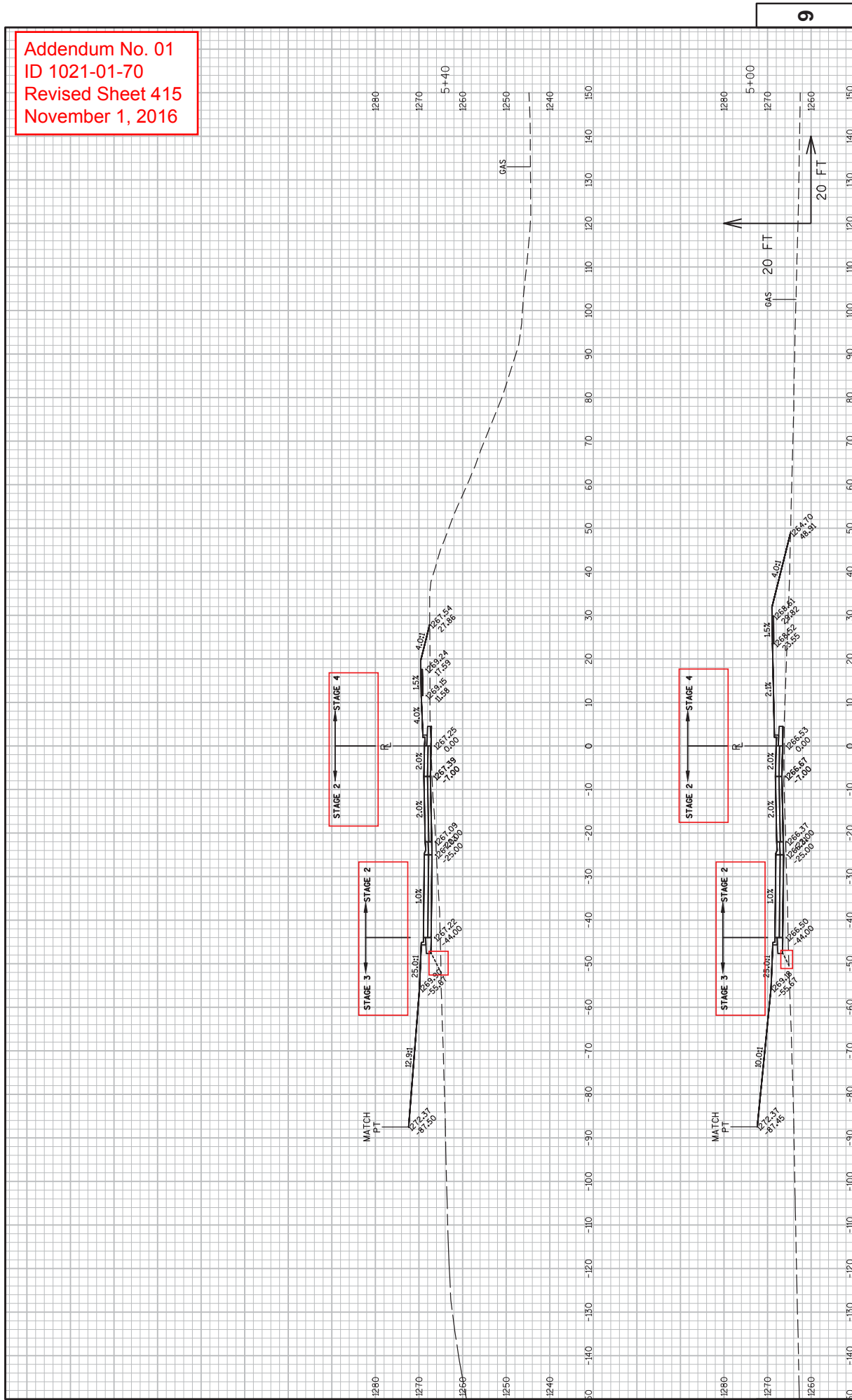
Addendum No. 01
 ID 1021-01-70
 Revised Sheet 414
 November 1, 2016



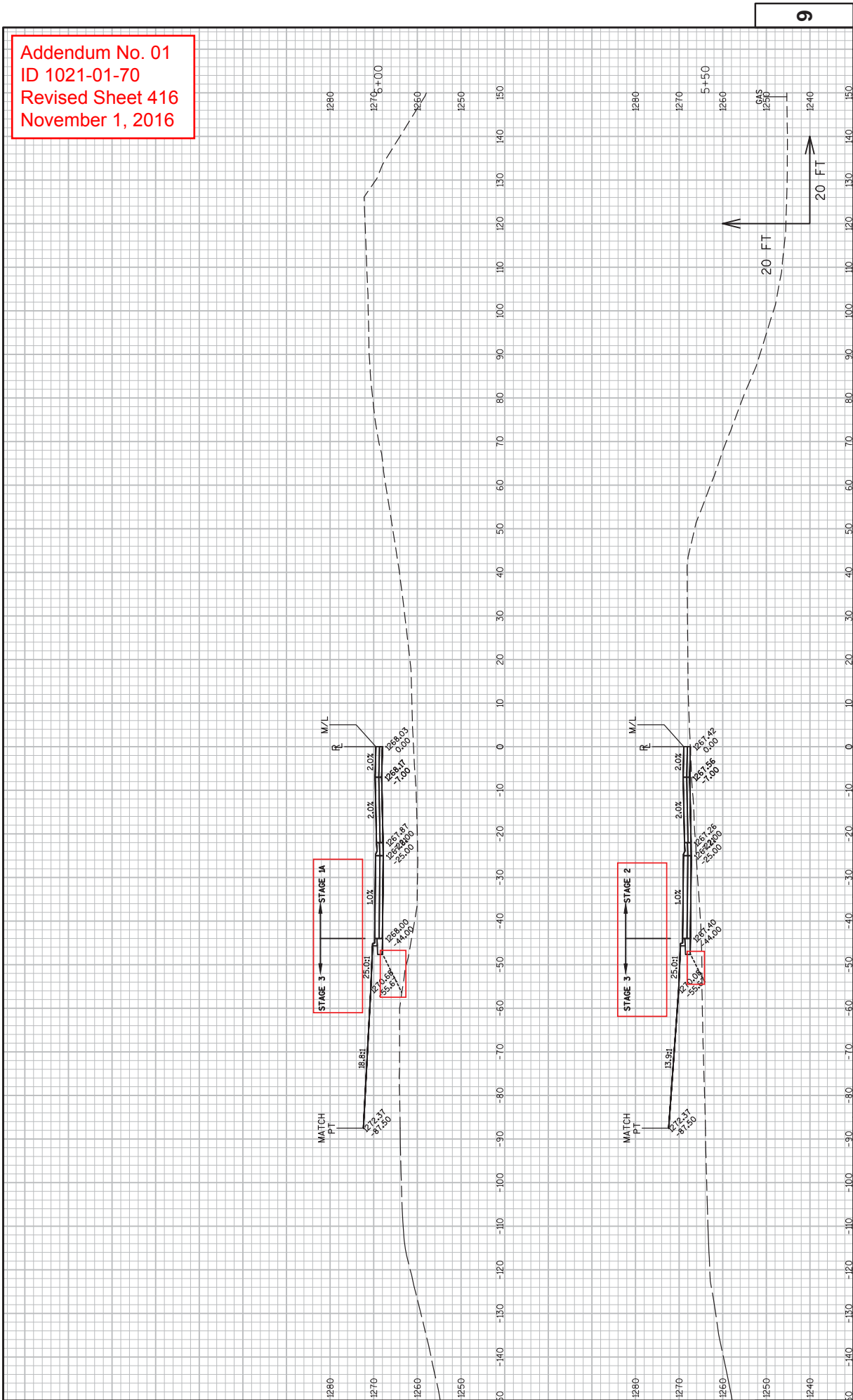
PROJECT NO: 1021-01-70
 COUNTY: ST. CROIX
 HWY: STH 128
 CROSS SECTIONS: ROUNDABOUT NORTH
 SHEET 414
 E

FILE NAME : N:\VPOS\C3D\10210100\DESIGN\PLANS PRODUCTION\090101.XS_R08TNO.DWG
 LAYOUT NAME - SECTION SHEET - (26)
 PLOT DATE : 10/17/2016 9:37 AM
 PLOT BY : THAO, KOU
 PLOT NAME :
 PLOT SCALE : 1 IN:20 FT
 WSDOT/CADD SHEET 49

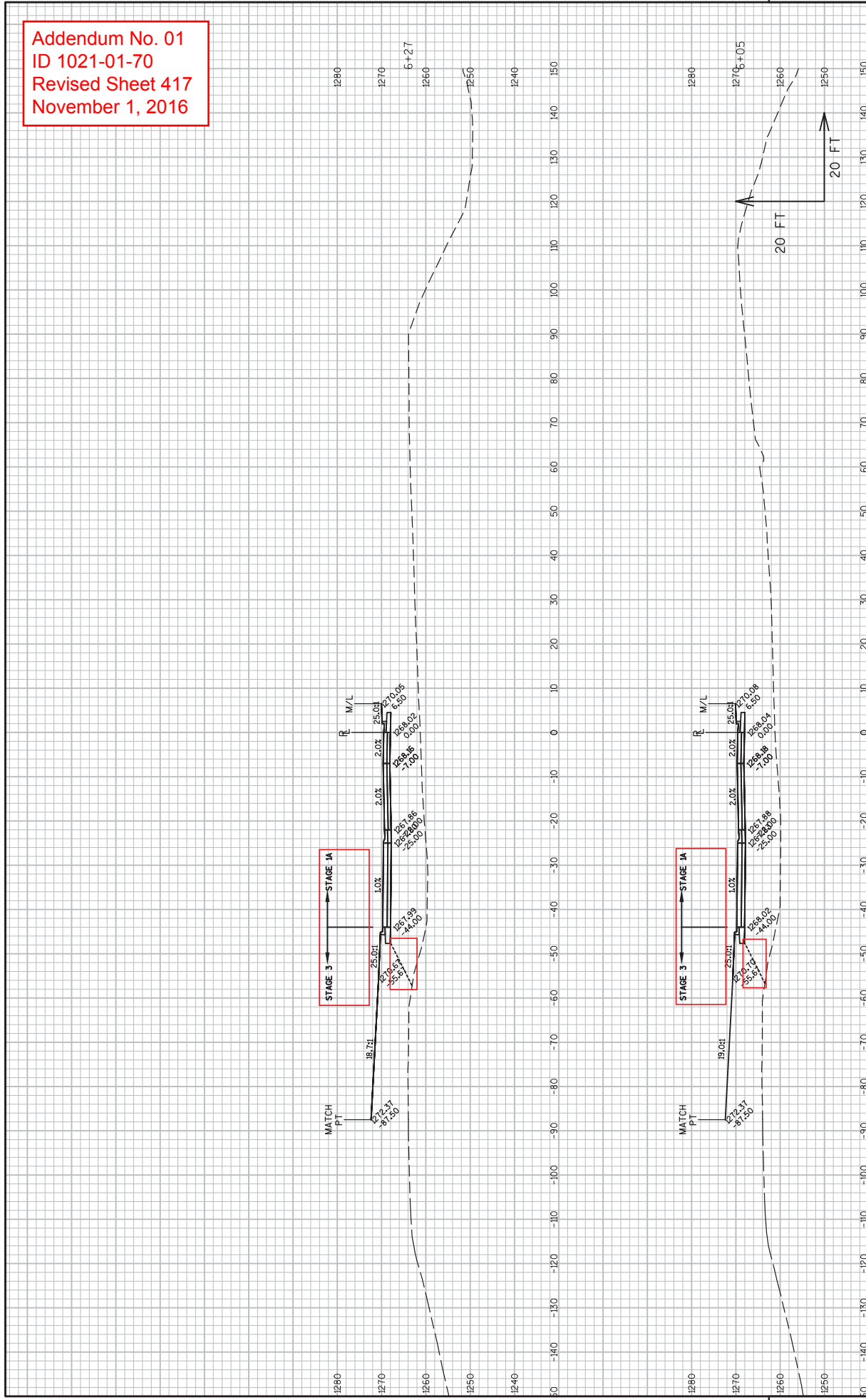
Addendum No. 01
 ID 1021-01-70
 Revised Sheet 415
 November 1, 2016



Addendum No. 01
 ID 1021-01-70
 Revised Sheet 416
 November 1, 2016



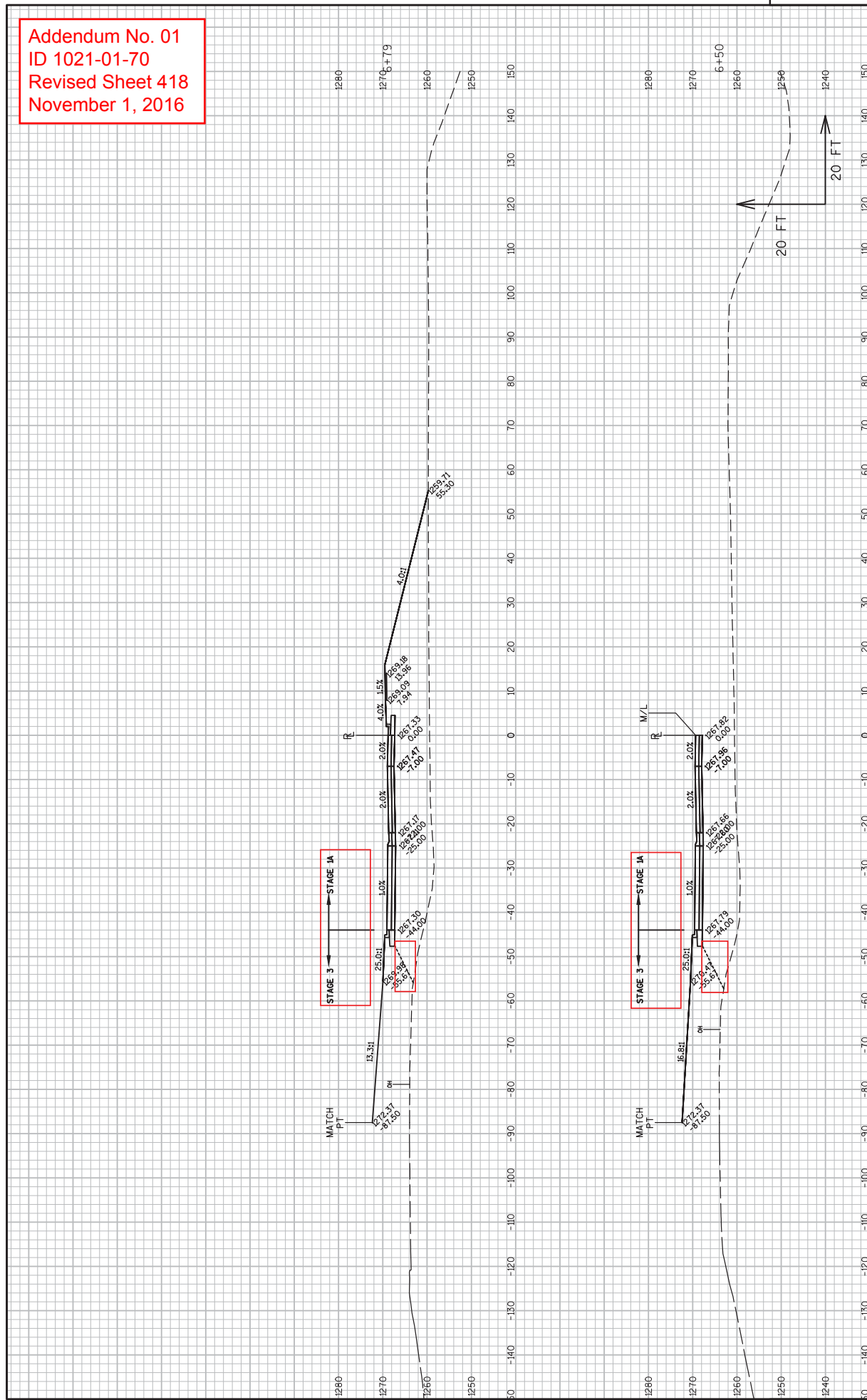
Addendum No. 01
 ID 1021-01-70
 Revised Sheet 417
 November 1, 2016



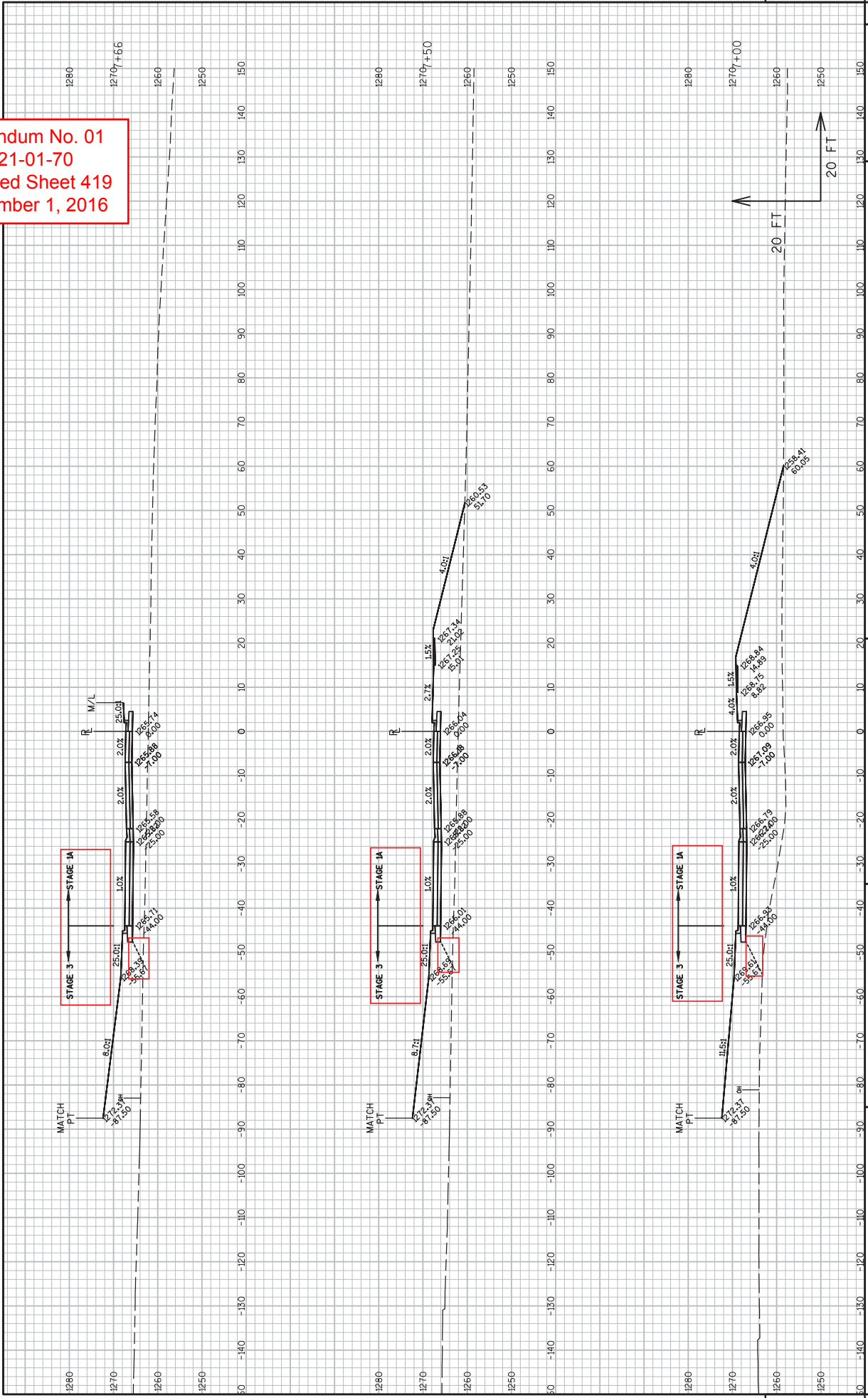
PROJECT NO: 1021-01-70
 COUNTY: ST. CROIX
 HWY: STH 128
 CROSS SECTIONS: ROUNDABOUT SOUTH
 SHEET 417
 E

FILE NAME : N:\VPOS\C3D\10210100\DESIGN\PLANS PRODUCTION\090101.XS_R08T50.DWG
 LAYOUT NAME - SECTION SHEET - (25)
 PLOT DATE : 10/17/2016 11:10 AM
 PLOT BY : THAO, KOU
 PLOT NAME :
 PLOT SCALE : 1 IN:20 FT
 WSDOT/CADD SHEET 49

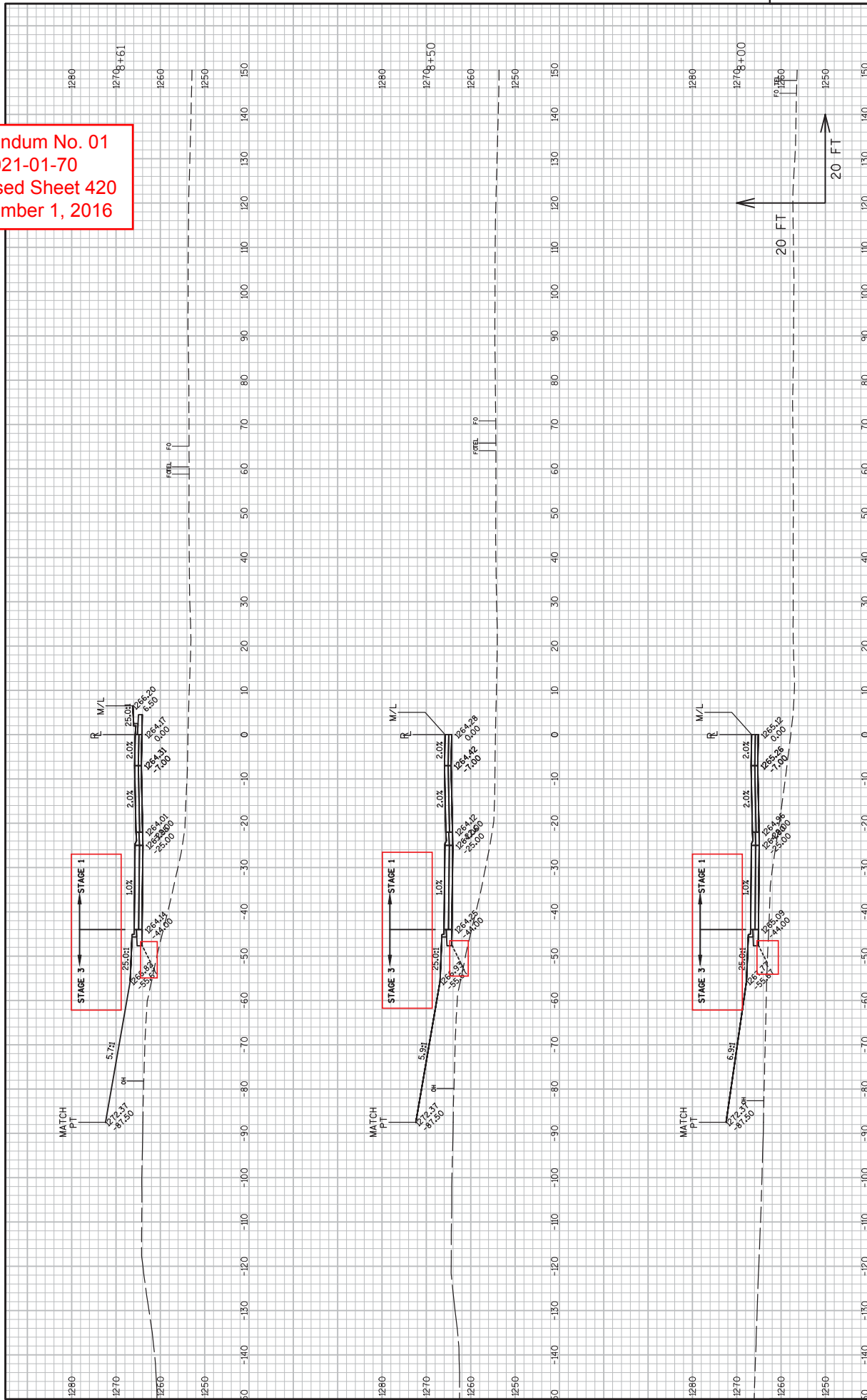
Addendum No. 01
 ID 1021-01-70
 Revised Sheet 418
 November 1, 2016



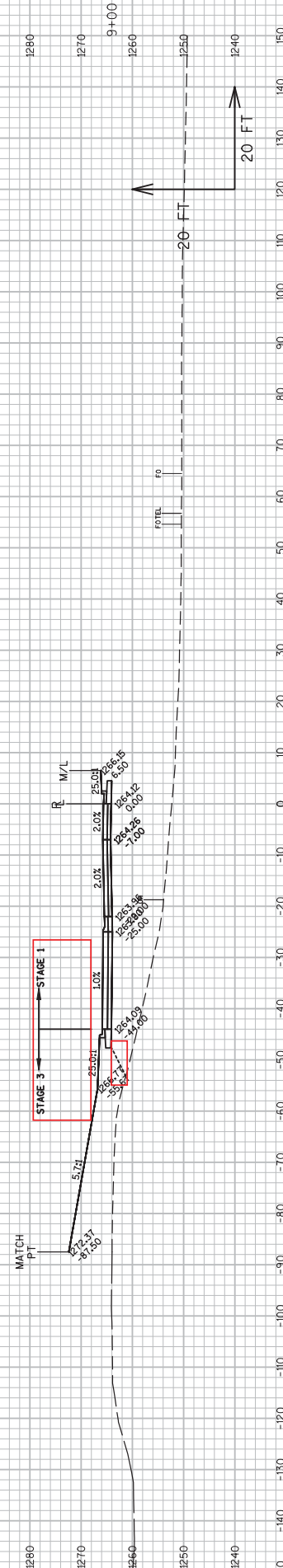
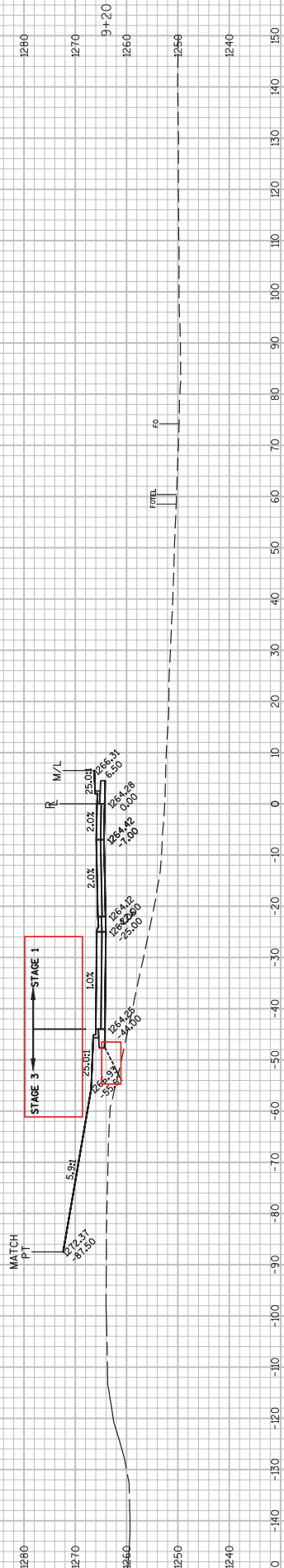
Addendum No. 01
 ID 1021-01-70
 Revised Sheet 419
 November 1, 2016



Addendum No. 01
 ID 1021-01-70
 Revised Sheet 420
 November 1, 2016



Addendum No. 01
ID 1021-01-70
Revised Sheet 421
November 1, 2016



9

PROJECT NO: 1021-01-70

HWY: STH 128

COUNTY: ST. CROIX

CROSS SECTIONS: ROUNDABOUT SOUTH

SHEET 421

E

FILE NAME : N:\VPOS\330\102101\DESIGN\PLANS PRODUCTION\90101.XS_R08T50.DWG
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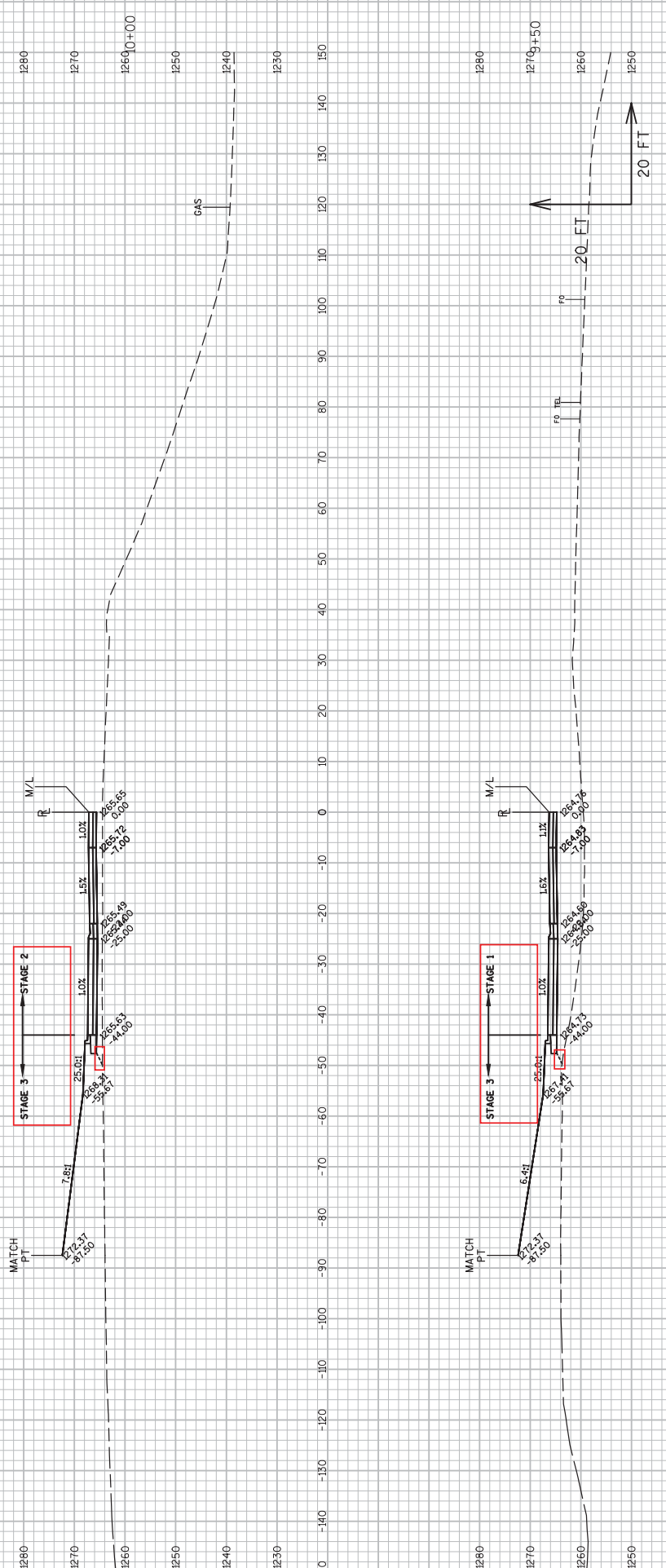
PLOT DATE : 10/17/2016 11:11 AM

PLOT BY : THAO, KOU

PLOT SCALE : 1 IN:20 FT

WSDOT/CADD'S SHEET 49

Addendum No. 01
 ID 1021-01-70
 Revised Sheet 422
 November 1, 2016



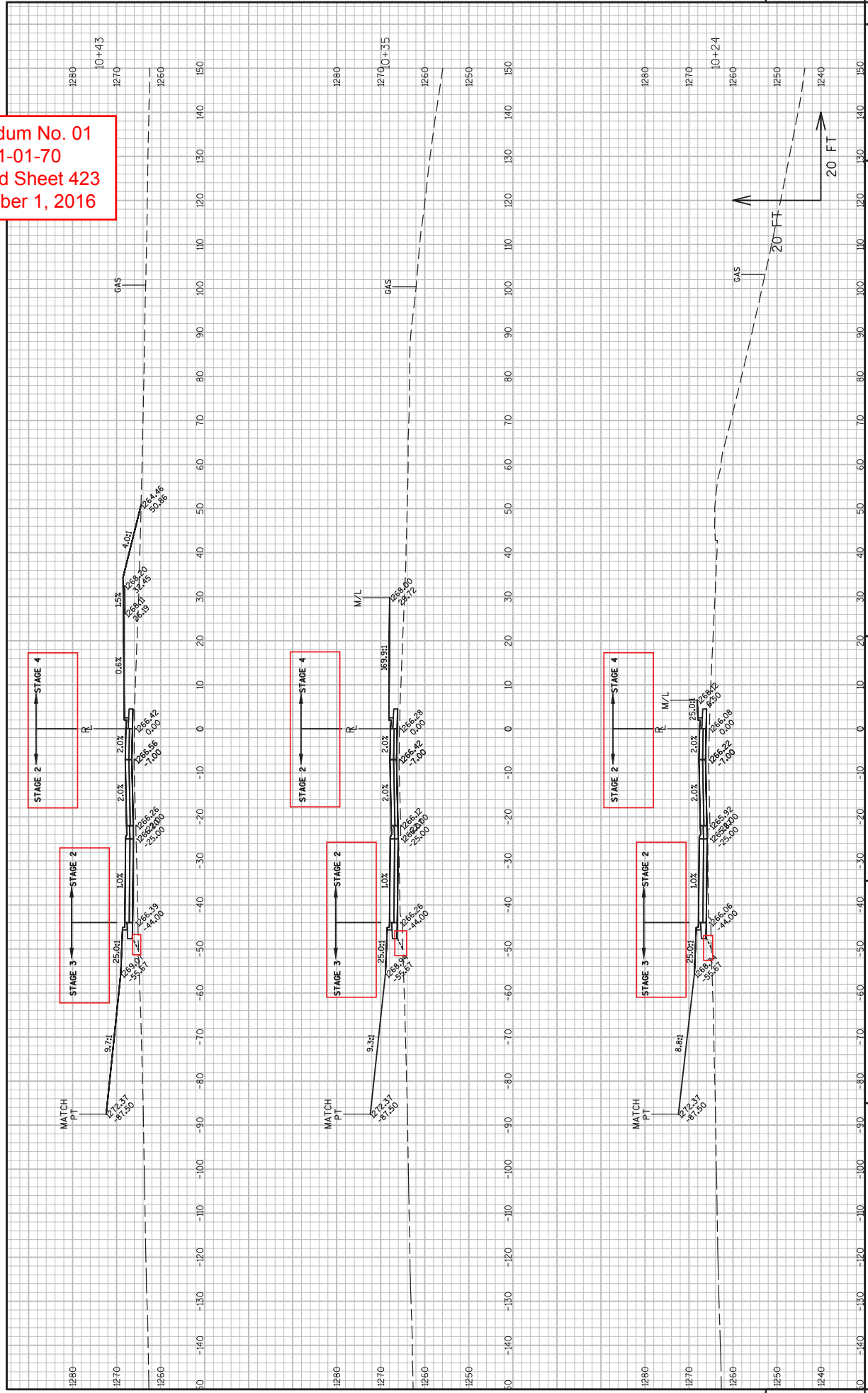
9

9

PROJECT NO: 1021-01-70
 COUNTY: ST. CROIX
 HWY: STH 128
 CROSS SECTIONS: ROUNDABOUT SOUTH
 SHEET 422
 E

FILE NAME : N:\VPS\C3D\10210100\DESIGN\PLANS PRODUCTION\090101.XS_R08T50.DWG
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 PLOT NAME :
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 WSDOT/CADD SHEET 49

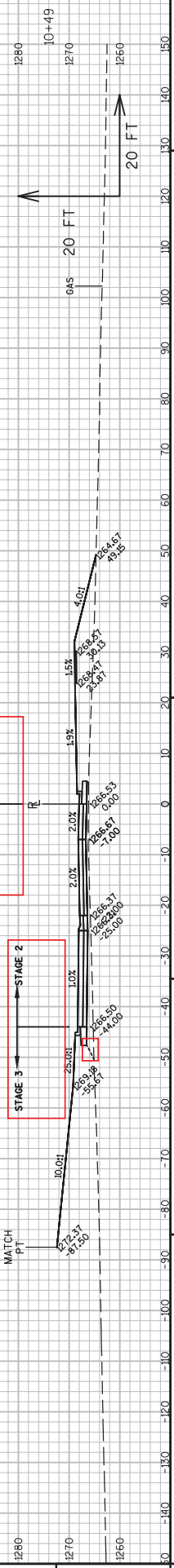
Addendum No. 01
 ID 1021-01-70
 Revised Sheet 423
 November 1, 2016



PROJECT NO: 1021-01-70
 COUNTY, ST. CROIX
 HWY: STH 128
 CROSS SECTIONS: ROUNDABOUT SOUTH
 SHEET 423
 E

FILE NAME : N:\VPS\330\10210100\DESIGN\PLANS PRODUCTION\90101.XS_R08T50.DWG
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 PLOT BY : THAO, KOU
 PLOT NAME :
 PLOT SCALE : 1 IN:20 FT
 WSDOT/CADD SHEET 49

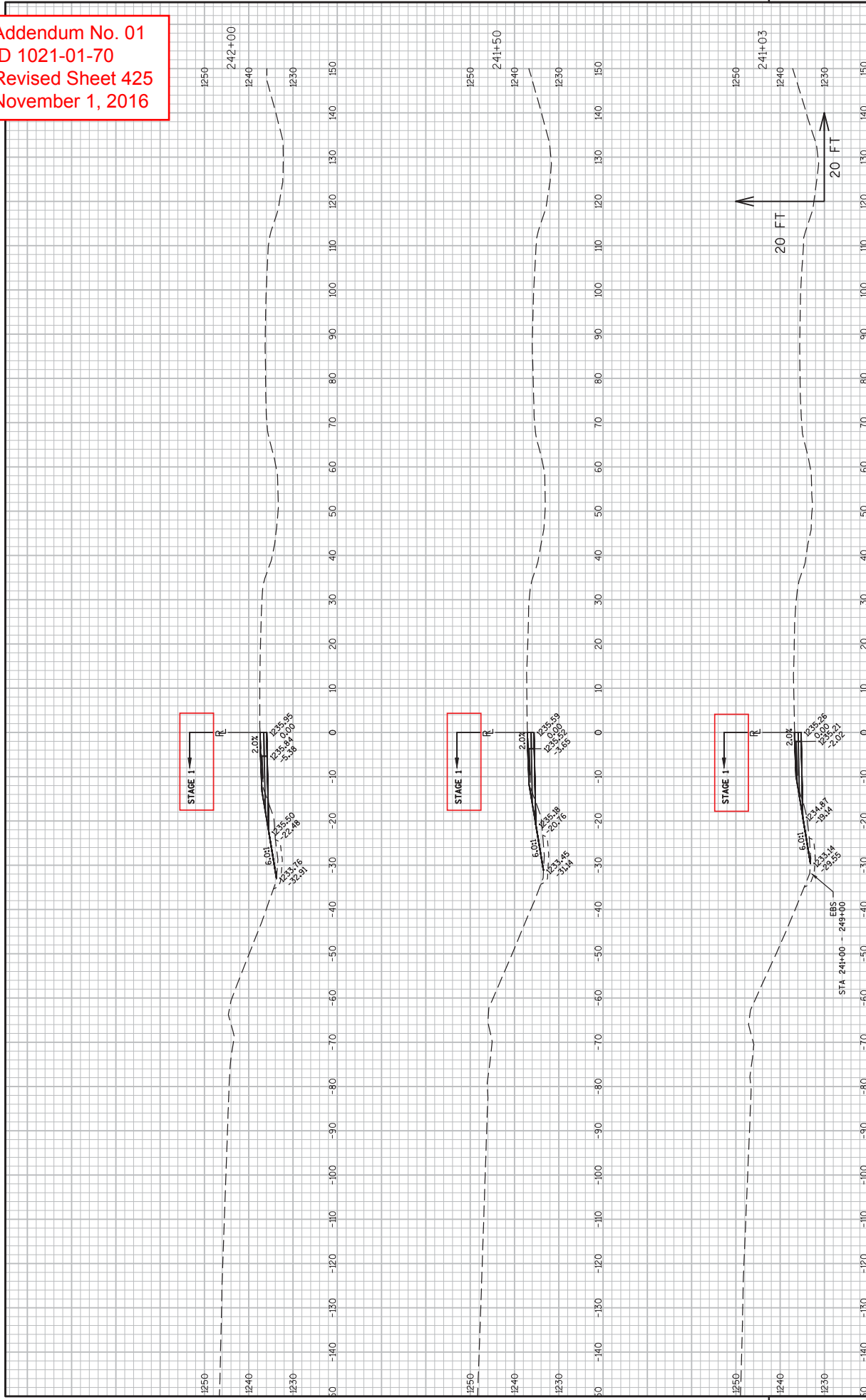
Addendum No. 01
 ID 1021-01-70
 Revised Sheet 424
 November 1, 2016



PROJECT NO: 1021-01-70
 COUNTY: ST. CROIX
 HWY: STH 128
 CROSS SECTIONS: ROUNDABOUT SOUTH
 SHEET 424
 E

FILE NAME : N:\VPOS\C3D\10210100\DESIGN\PLANS PRODUCTION\090101.XS_R08T50.DWG
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 PLOT NAME :
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 WSDOT/CADD SHEET 49

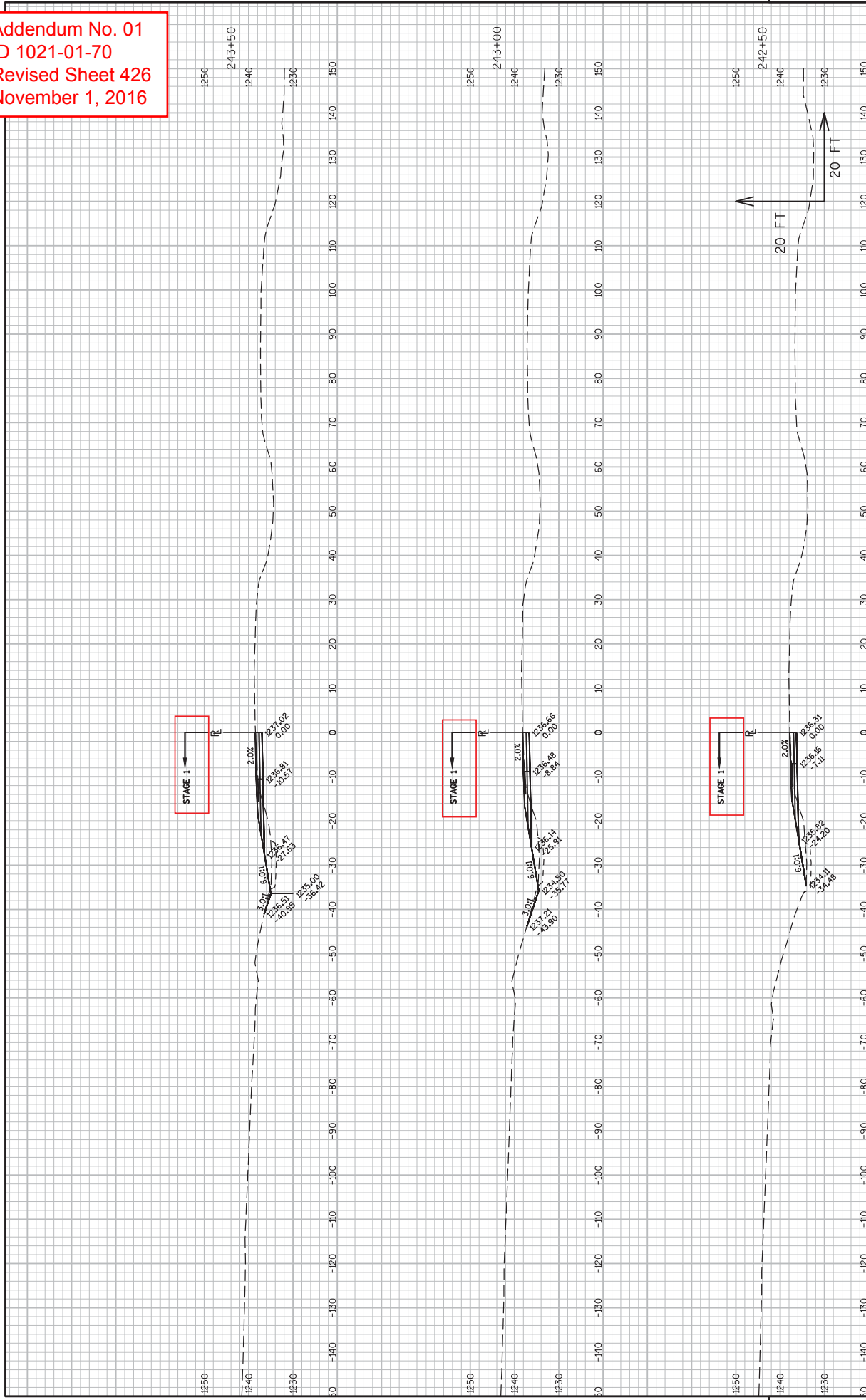
Addendum No. 01
 ID 1021-01-70
 Revised Sheet 425
 November 1, 2016



PROJECT NO: 1021-01-70
 HWY: IH 94
 COUNTY: ST. CROIX
 CROSS SECTIONS: RAMP A (NW RAMP)
 SHEET 425
 E

FILE NAME : N:\VPOS\330\10210100\DESIGN\PLANS PRODUCTION\90101.XS_RWFA.DWG
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 PLOT NAME :
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 WSDOT/CADD SHEET 49

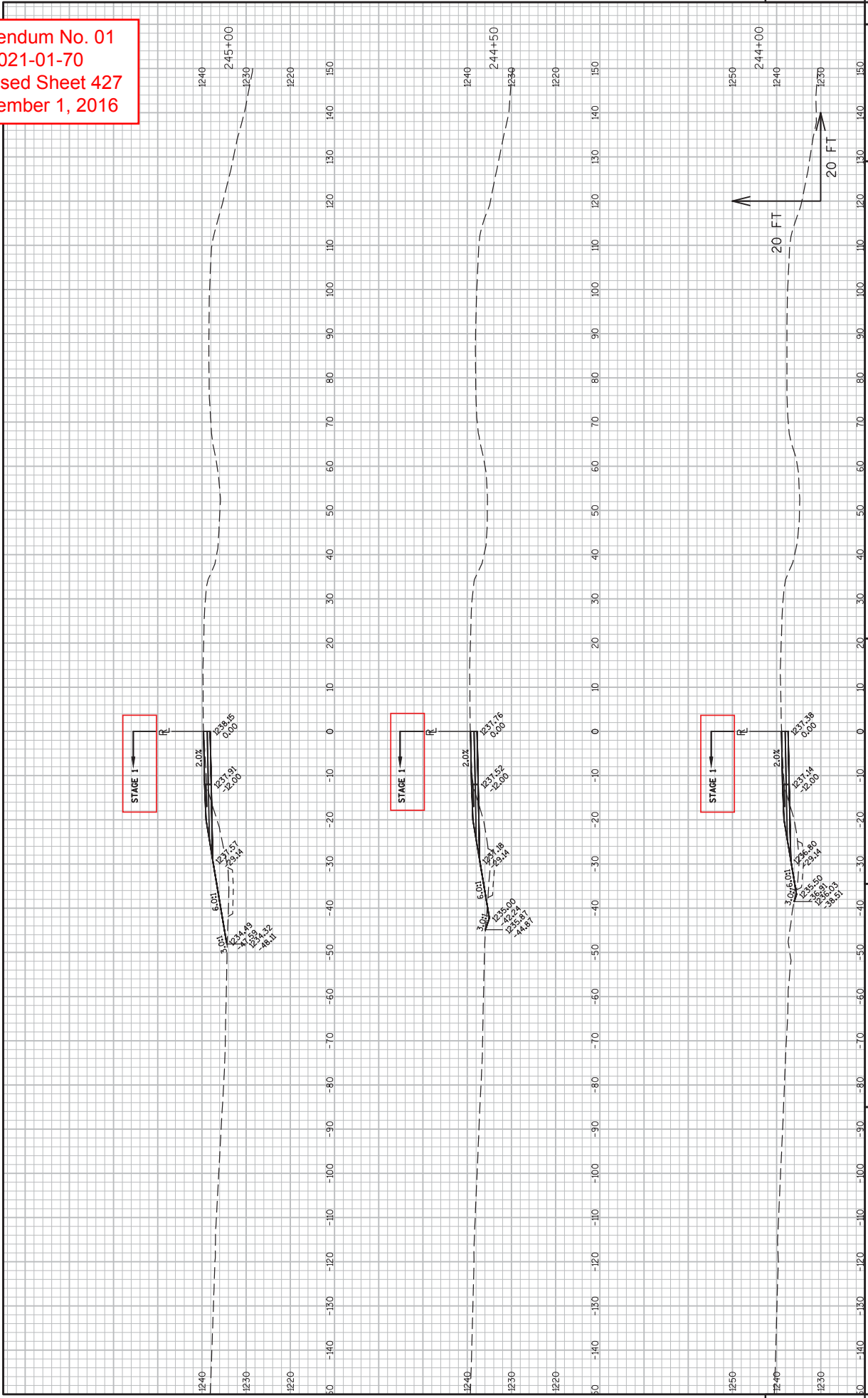
Addendum No. 01
 ID 1021-01-70
 Revised Sheet 426
 November 1, 2016



PROJECT NO: 1021-01-70
 COUNTY: ST. CROSS
 HWY: IH 94
 CROSS SECTIONS: RAMP A (NW RAMP)
 SHEET 426
 E

FILE NAME : N:\VPOS\330\10210100\DESIGN\PLANS PRODUCTION\090101.XS_RWPA.DWG
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 PLOT NAME :
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 WSDOT/CADD SHEET 49

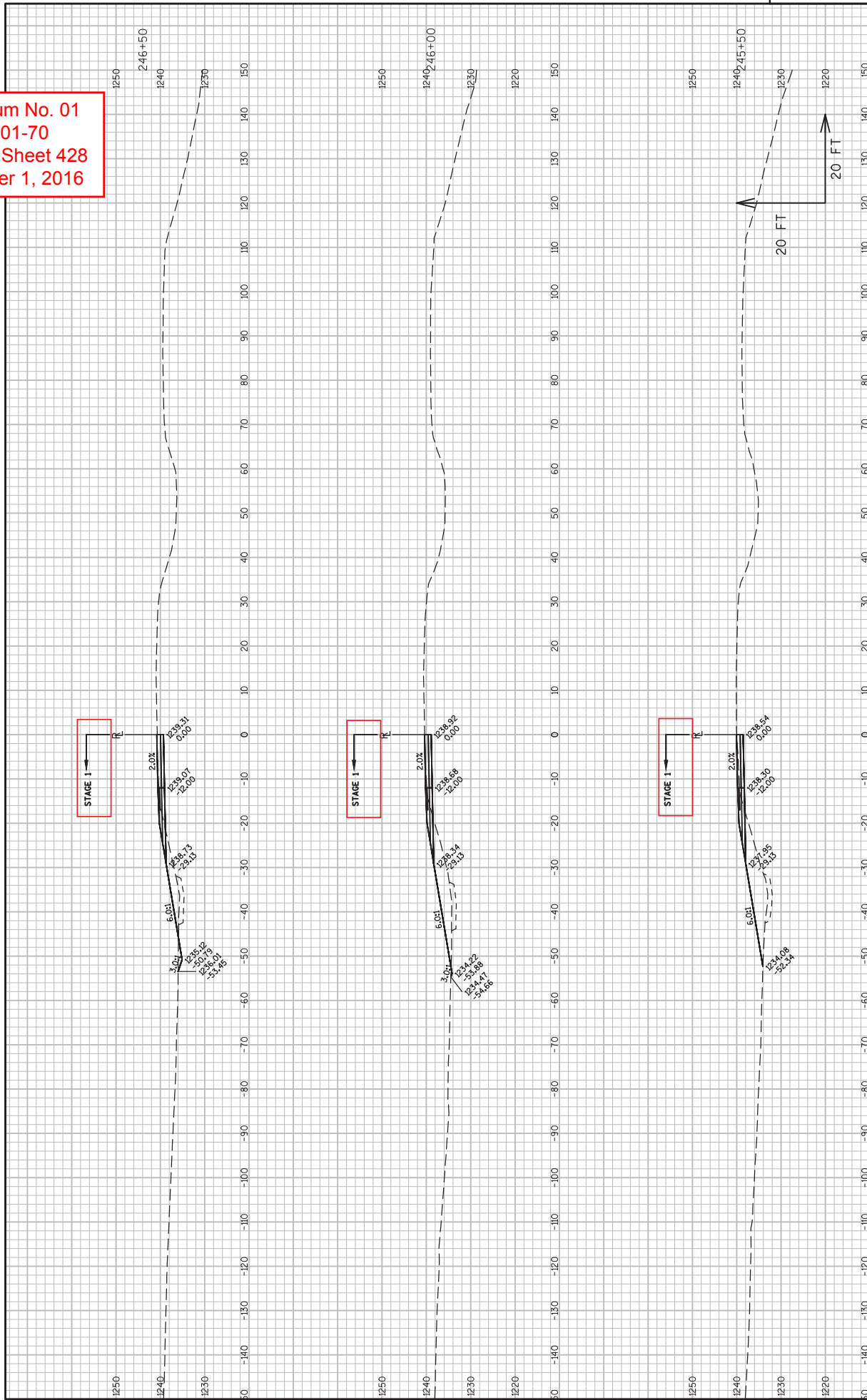
Addendum No. 01
 ID 1021-01-70
 Revised Sheet 427
 November 1, 2016



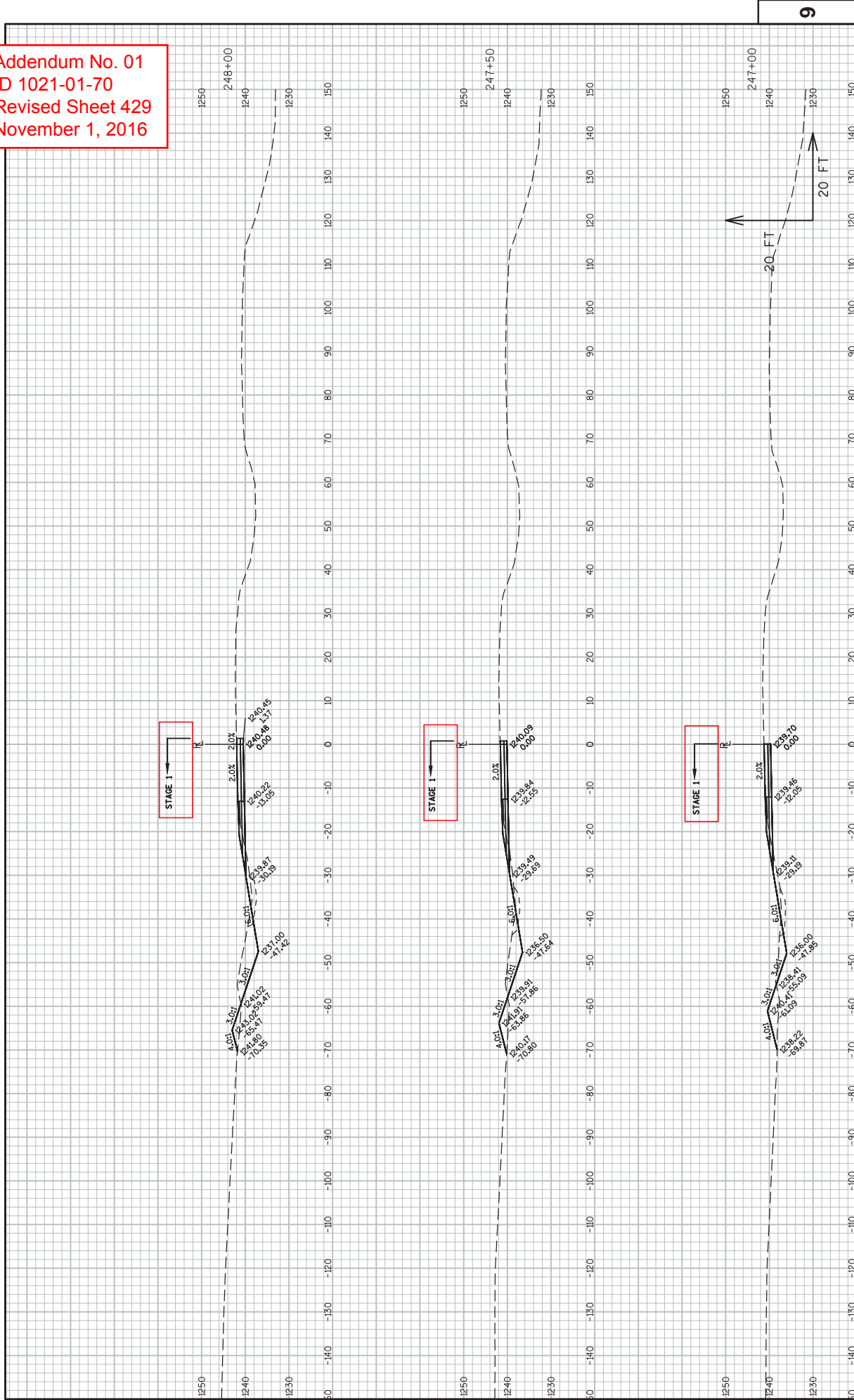
PROJECT NO: 1021-01-70
 COUNTY: ST. CROIX
 HWY: IH 94
 CROSS SECTIONS: RAMP A (NW RAMP)
 PLOT BY: THAO, KOU
 PLOT DATE: 10/17/2016 8:15 AM
 PLOT SCALE: 1 IN:20 FT
 SHEET 427
 E

FILE NAME : N:\VPOS\330\10210100\DESIGN\PLANS PRODUCTION\090101.XS_RWFA.DWG
 LAYOUT NAME - SECTION SHEET - (3)

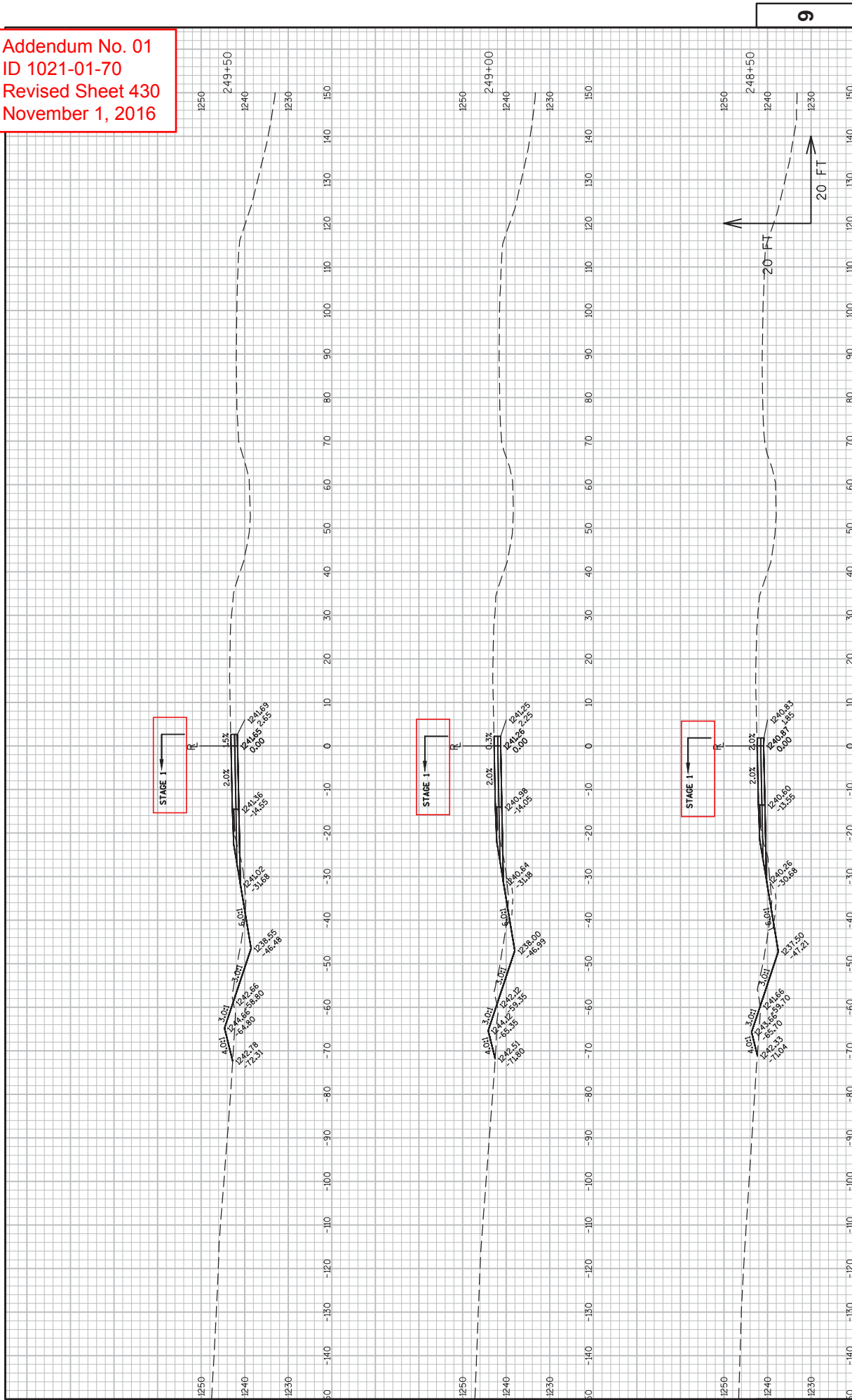
Addendum No. 01
 ID 1021-01-70
 Revised Sheet 428
 November 1, 2016



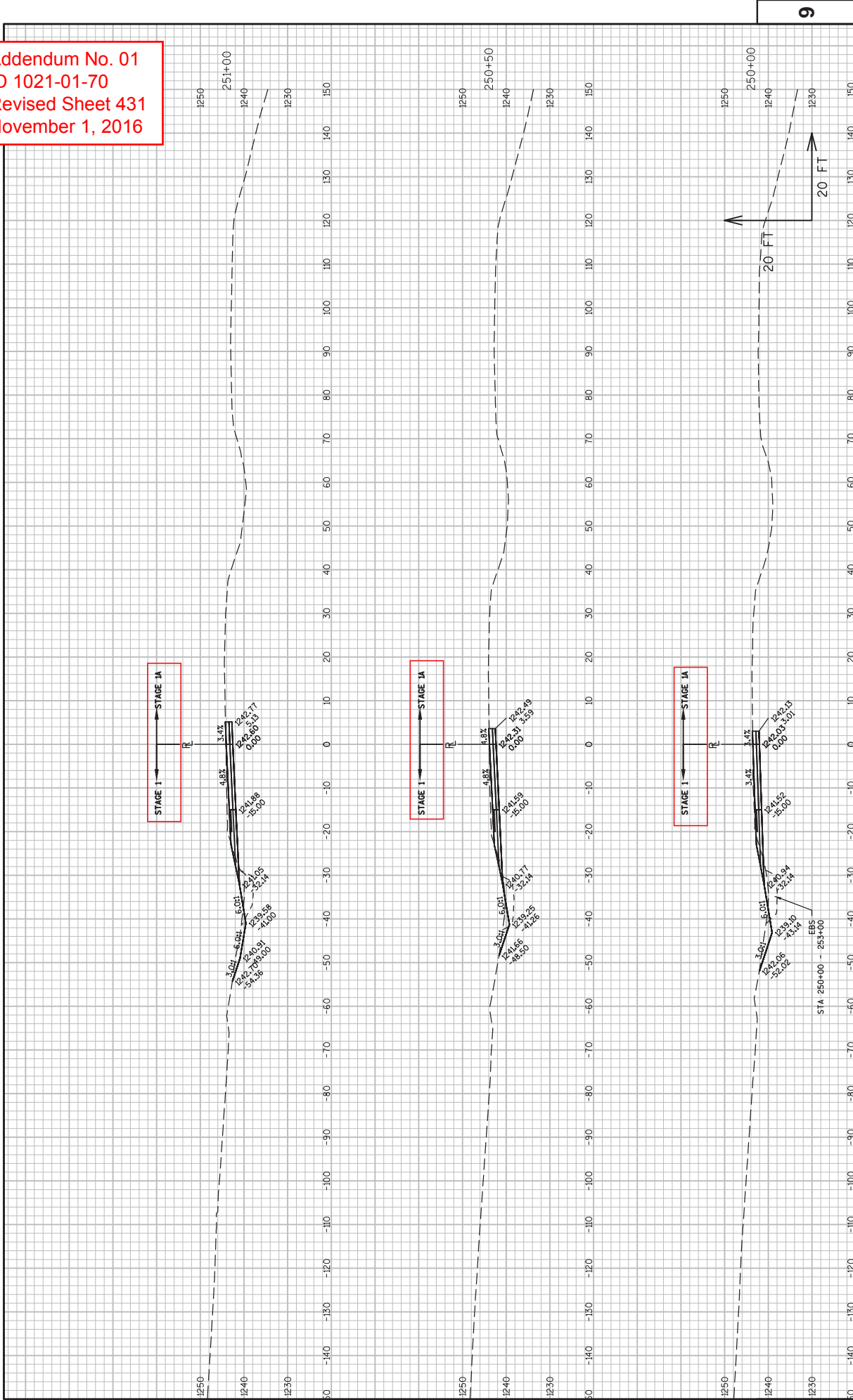
Addendum No. 01
 ID 1021-01-70
 Revised Sheet 429
 November 1, 2016



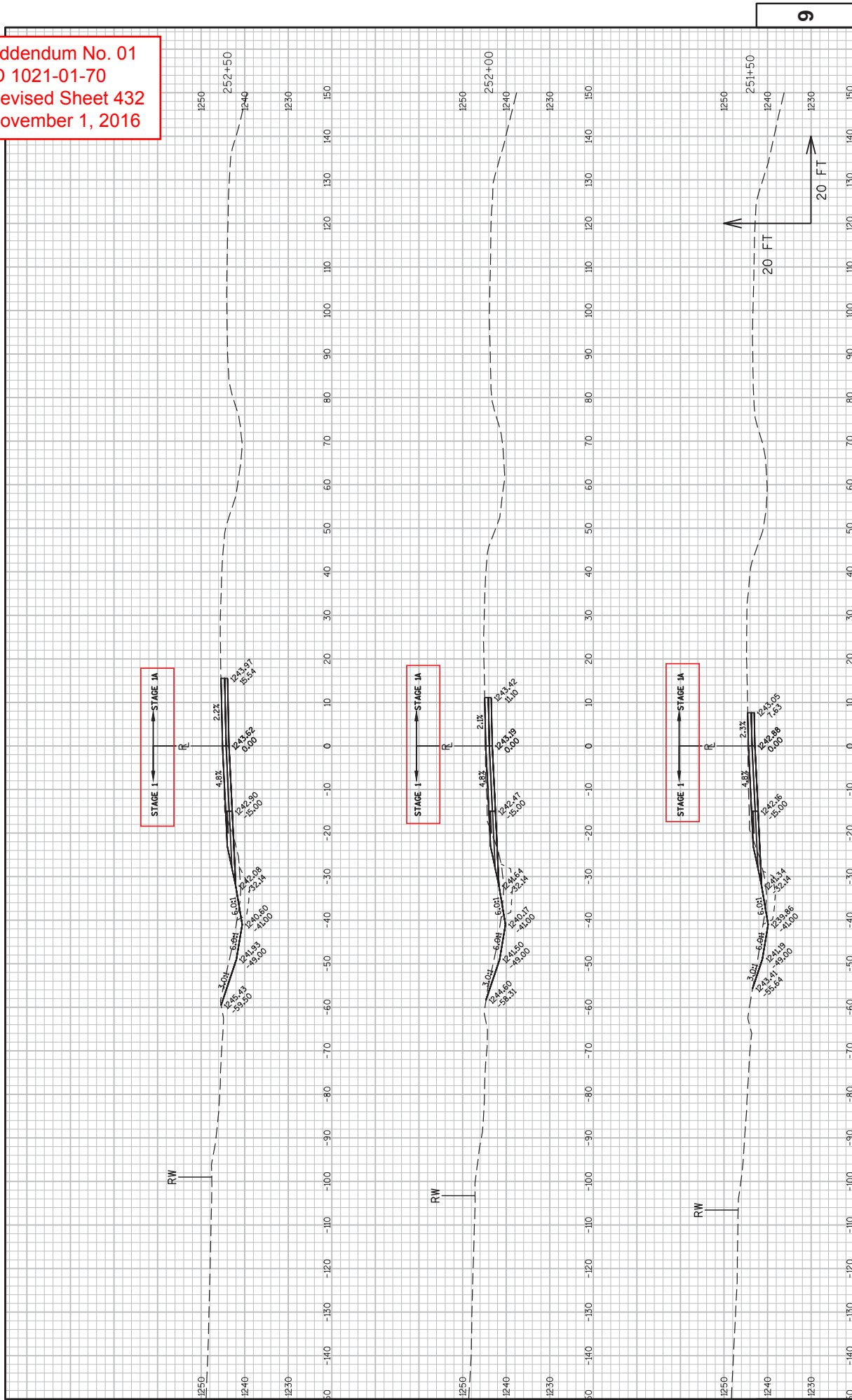
Addendum No. 01
 ID 1021-01-70
 Revised Sheet 430
 November 1, 2016



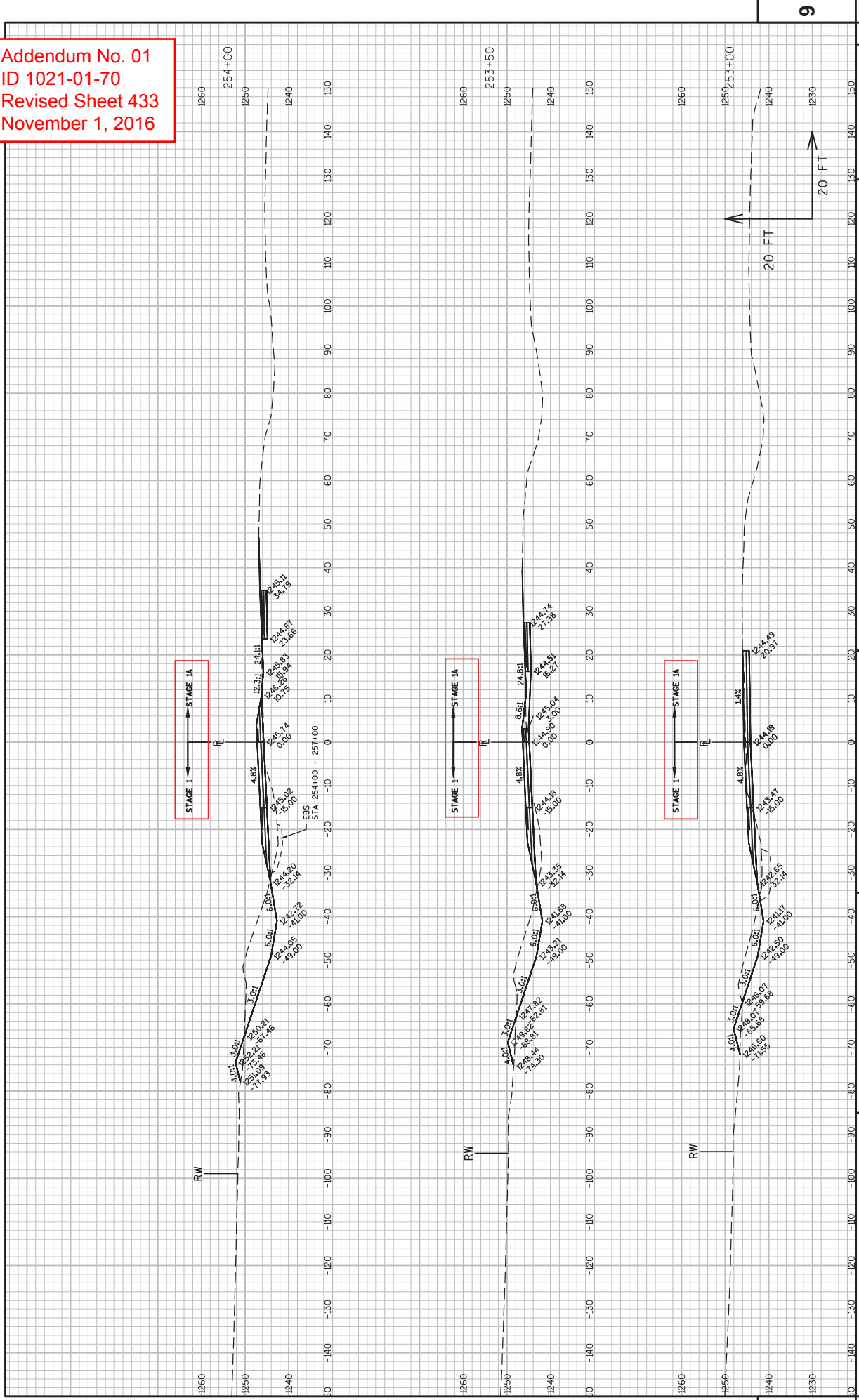
Addendum No. 01
 ID 1021-01-70
 Revised Sheet 431
 November 1, 2016



Addendum No. 01
 ID 1021-01-70
 Revised Sheet 432
 November 1, 2016



Addendum No. 01
 ID 1021-01-70
 Revised Sheet 433
 November 1, 2016

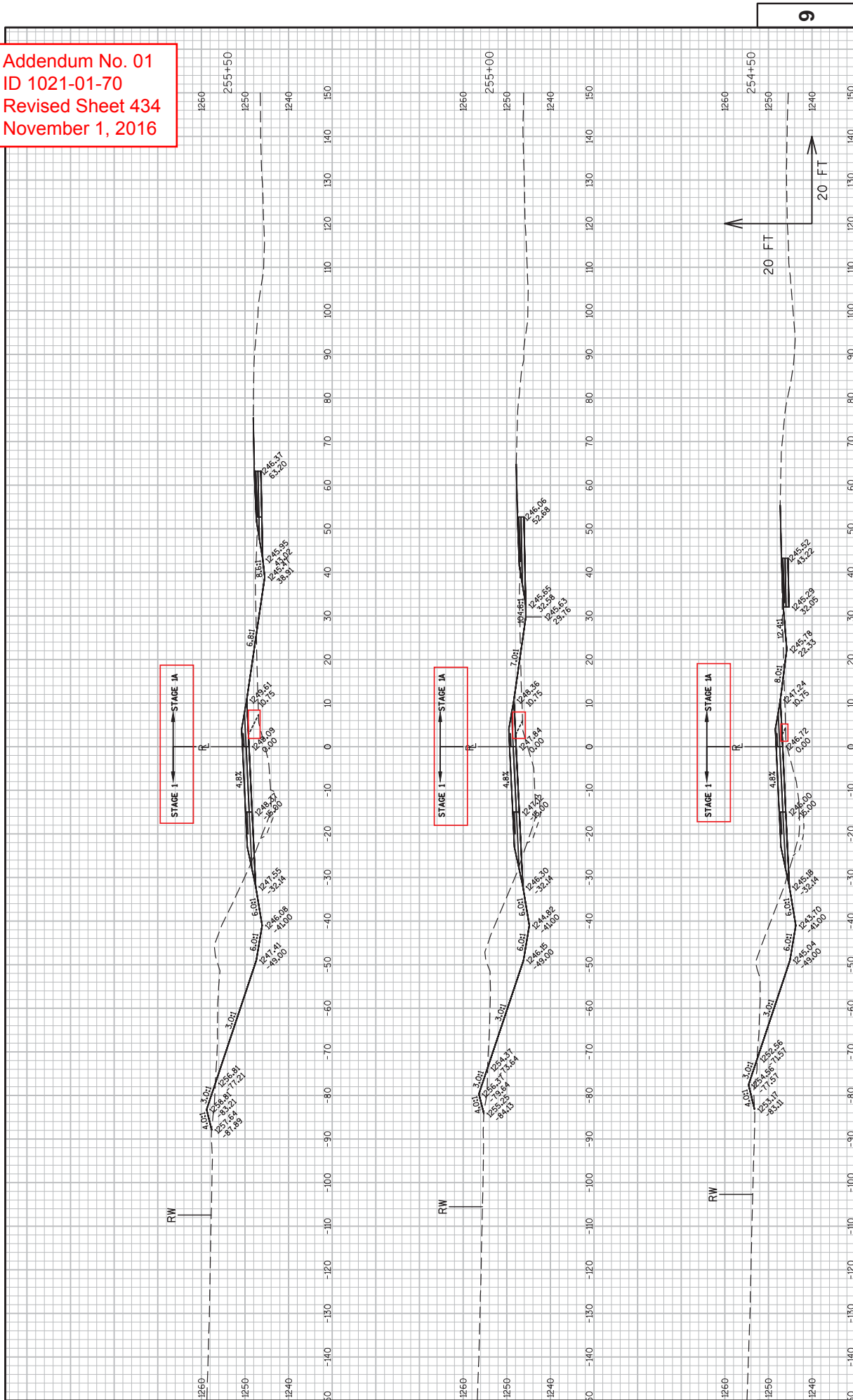


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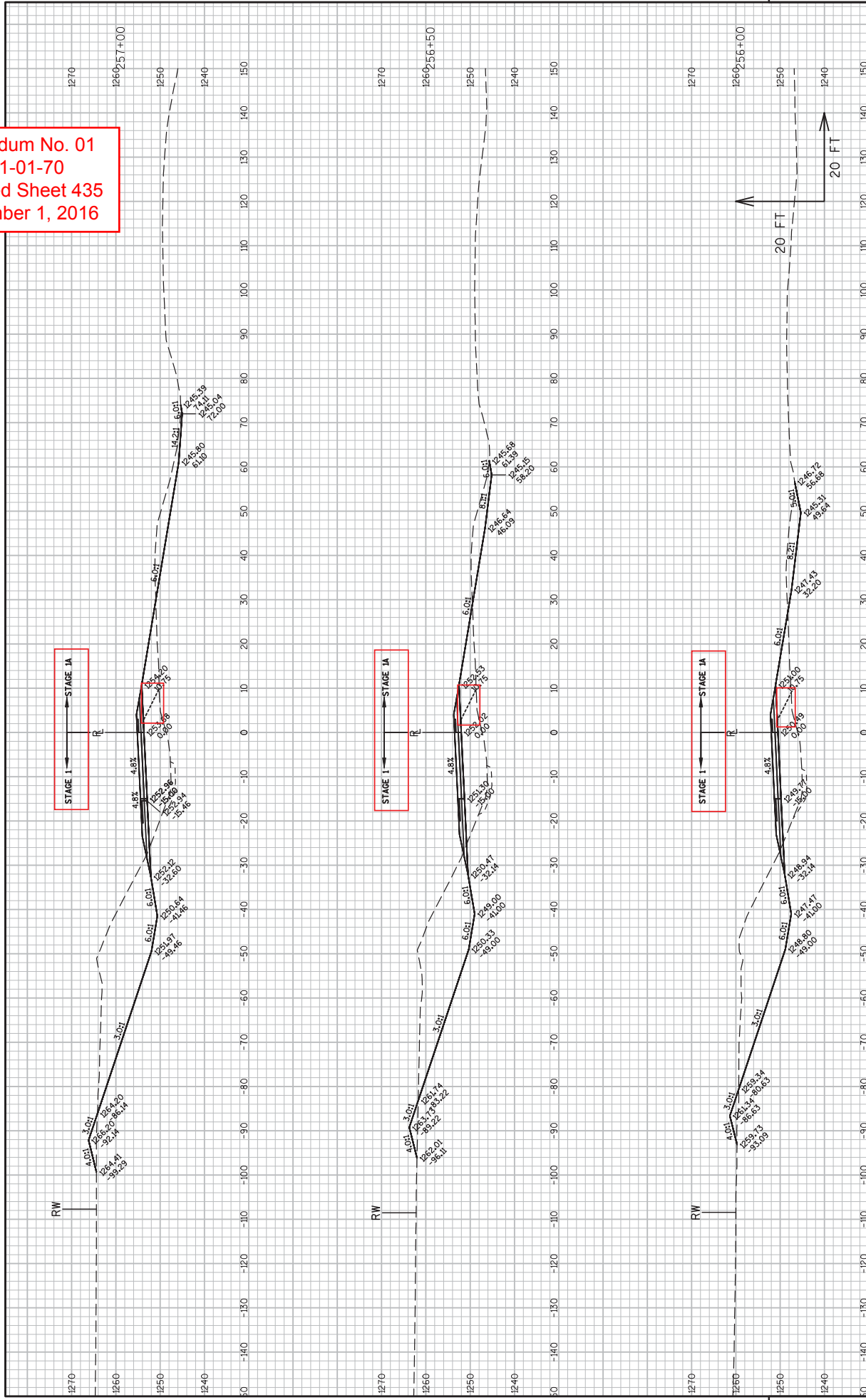
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PROJECT NO: 1021-01-70 COUNTY: IH 94 CROSS SECTIONS: RAMP A (NW RAMP) SHEET 433
 FILE NAME : N:\VPOS\330\1021000\DESIGN\PLANS PRODUCTION\090101.XS_RWFA.DWG PLOT DATE : 10/17/2016 8:16 AM PLOT BY : THAO, KOU PLOT NAME : WSDOT/CADD/SHEET 433
 LAYOUT NAME - SECTION SHEET - (9) PLOT SCALE : 1 IN:20 FT

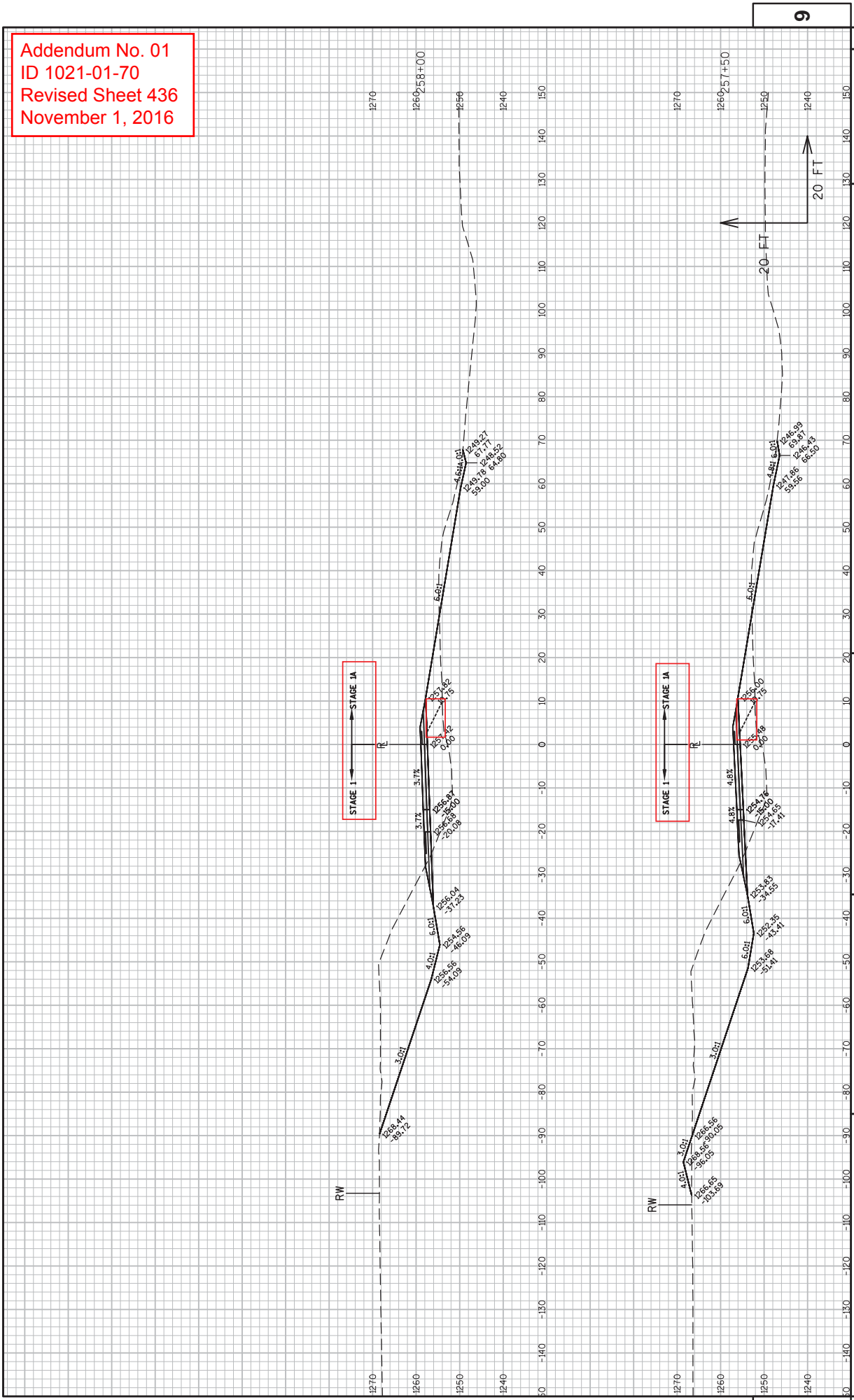
Addendum No. 01
 ID 1021-01-70
 Revised Sheet 434
 November 1, 2016



Addendum No. 01
 ID 1021-01-70
 Revised Sheet 435
 November 1, 2016

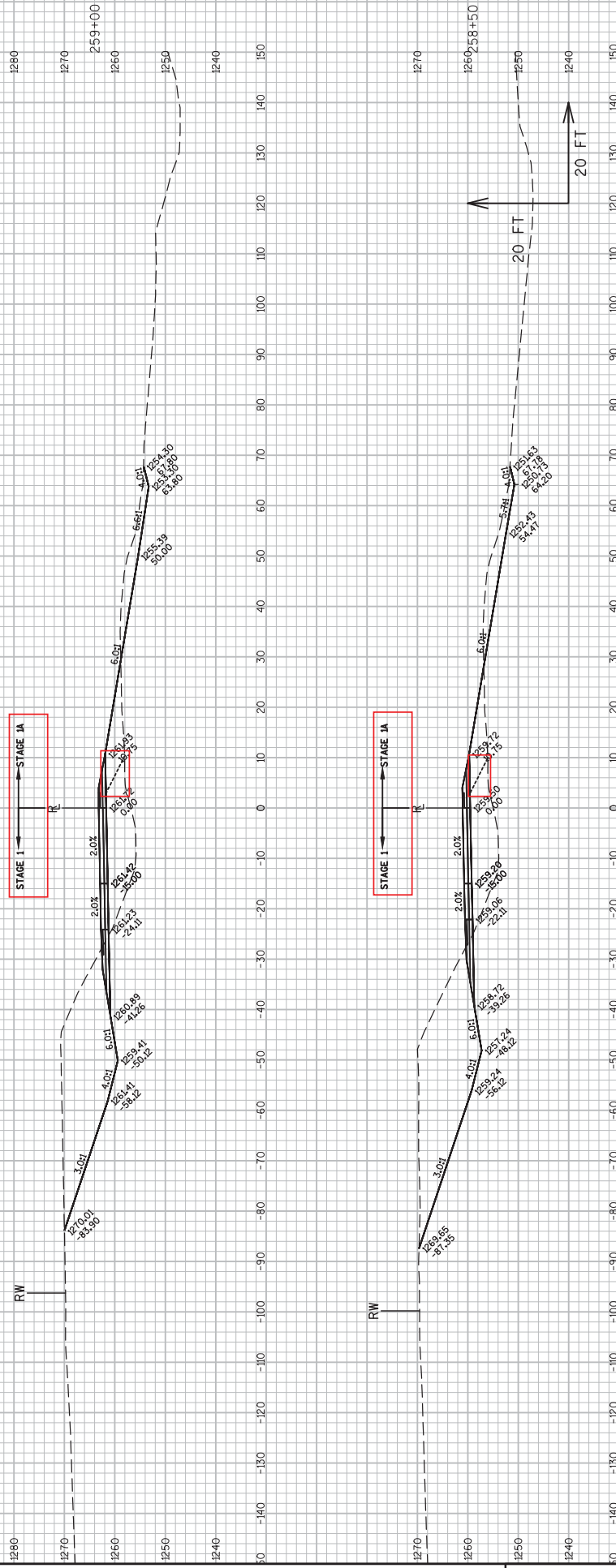


Addendum No. 01
 ID 1021-01-70
 Revised Sheet 436
 November 1, 2016

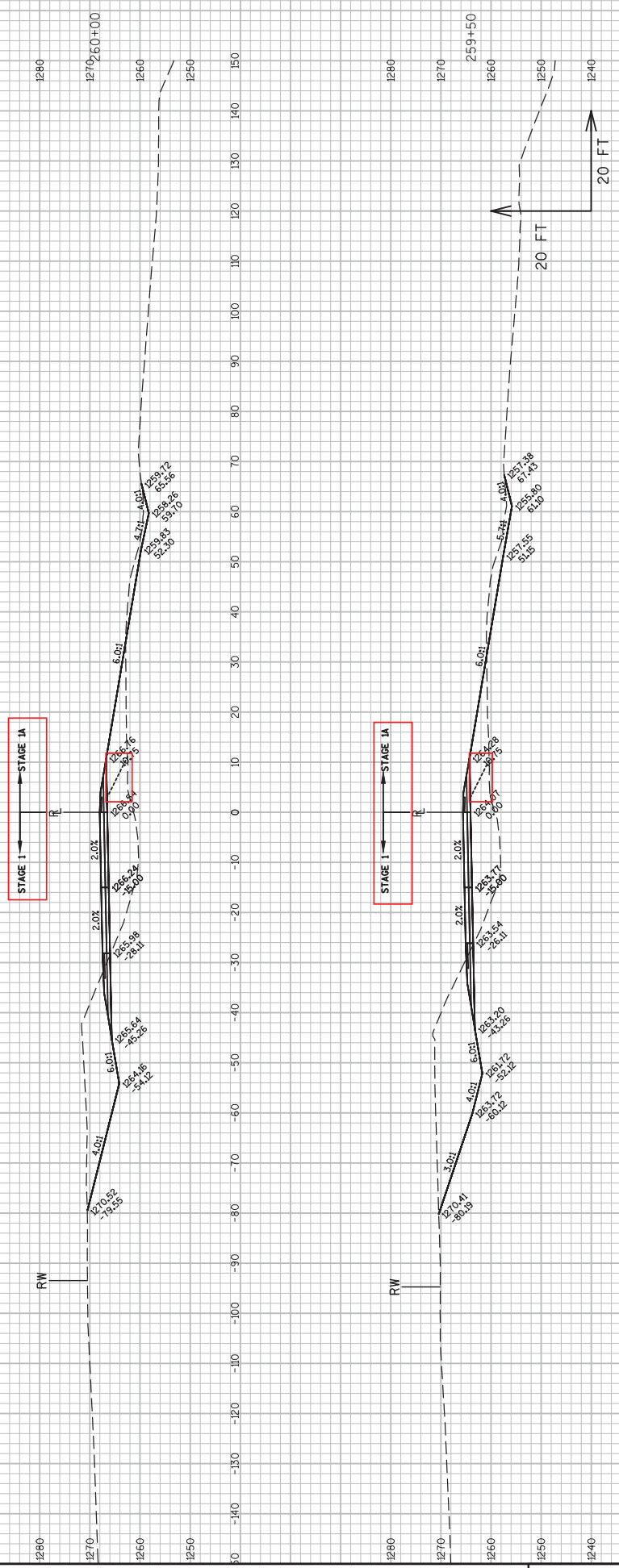


PROJECT NO: 1021-01-70
 COUNTY: ST. CROIX
 HWY: IH 94
 CROSS SECTIONS: RAMP A (NW RAMP)
 SHEET 436
 E
 FILE NAME : N:\VPS\C3D\10210100\DESIGN\PLANS PRODUCTION\090101.XS_RWPA.DWG
 LAYOUT NAME - SECTION SHEET - (12)
 PLOT DATE : 10/17/2016 8:16 AM
 PLOT BY : THAO, KOU
 PLOT NAME :
 PLOT SCALE : 1 IN:20 FT
 WSDOT/CADD SHEET 49

Addendum No. 01
 ID 1021-01-70
 Revised Sheet 437
 November 1, 2016

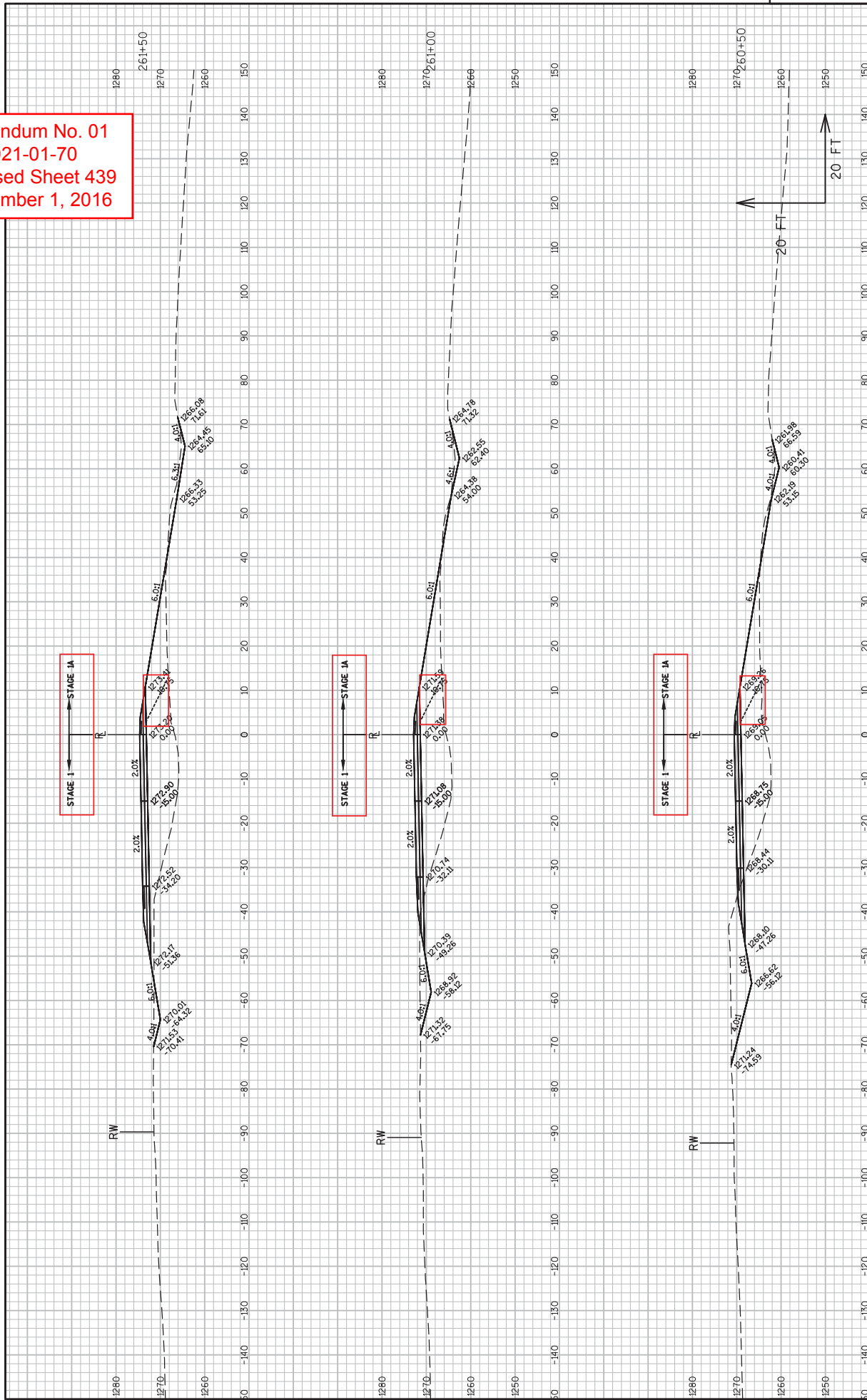


Addendum No. 01
 ID 1021-01-70
 Revised Sheet 438
 November 1, 2016

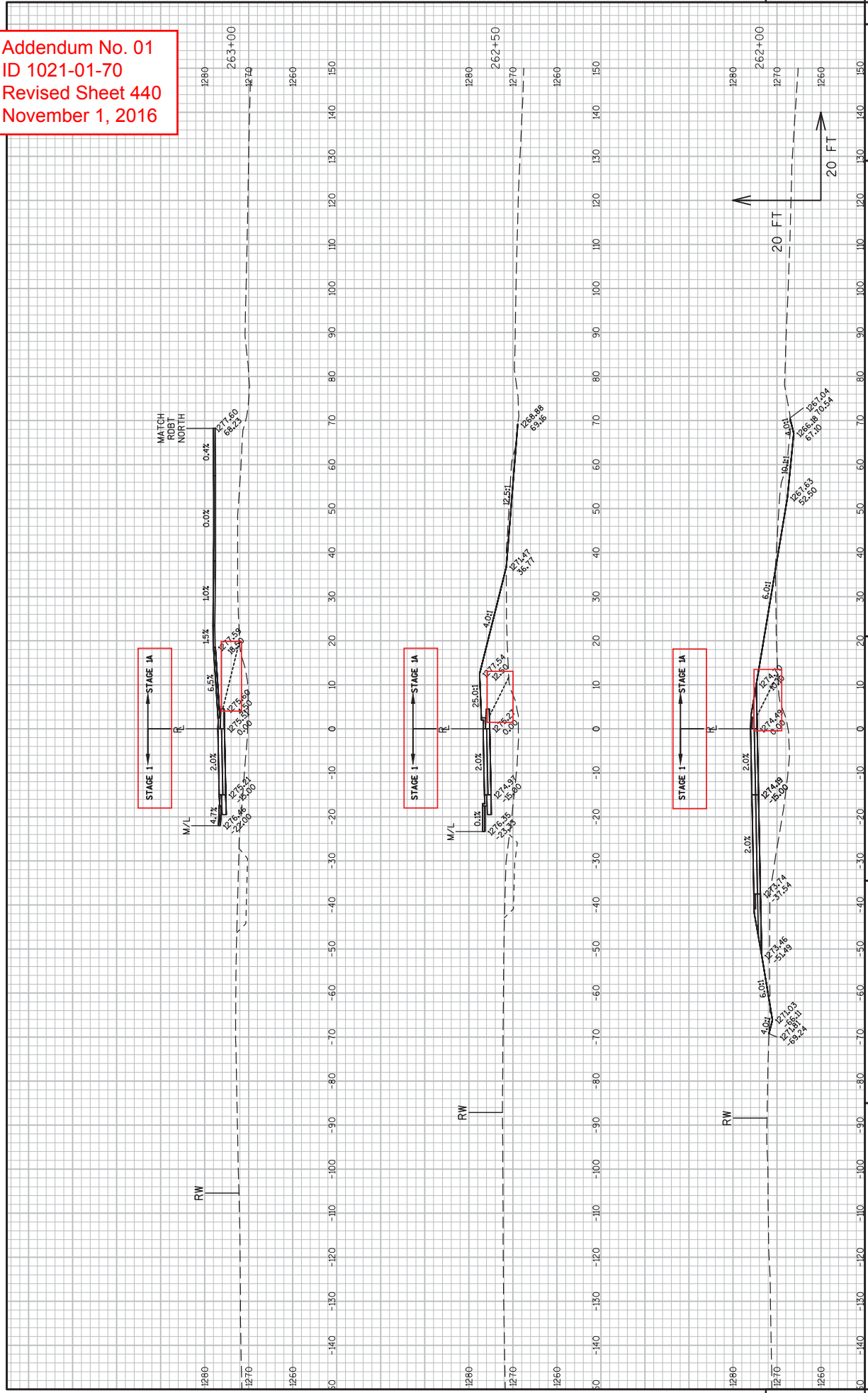


PROJECT NO: 1021-01-70
 COUNTY: ST. CROIX
 HWY: IH 94
 CROSS SECTIONS: RAMP A (NW RAMP)
 SHEET 438
 E
 FILE NAME : N:\VPOS\C3D\10210100\DESIGN\PLANS PRODUCTION\090101.XS_RWFA.DWG
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 PLOT BY : THAO, KOU
 PLOT NAME :
 PLOT SCALE : 1 IN:20 FT
 WSDOT/CADD SHEET 49

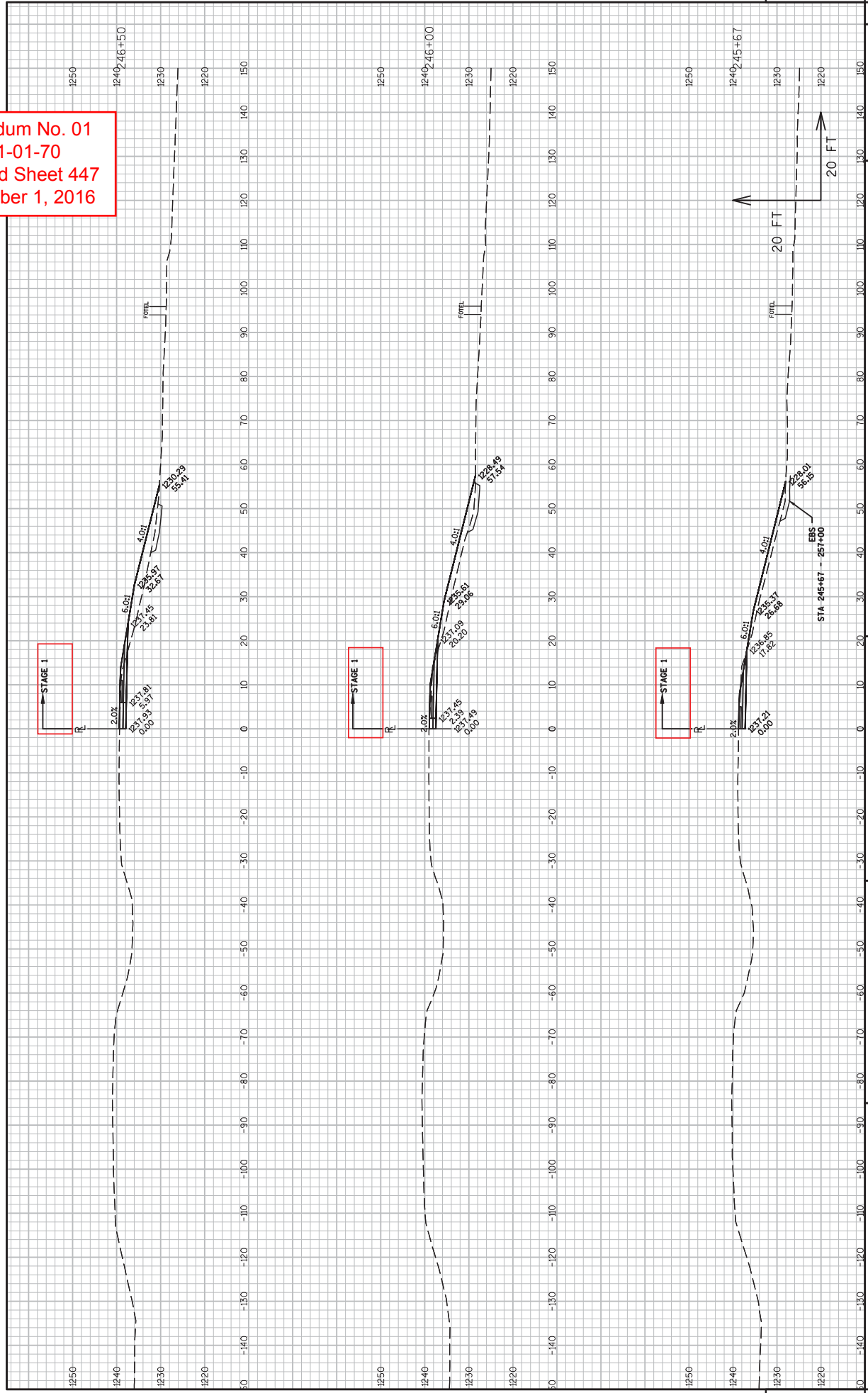
Addendum No. 01
 ID 1021-01-70
 Revised Sheet 439
 November 1, 2016



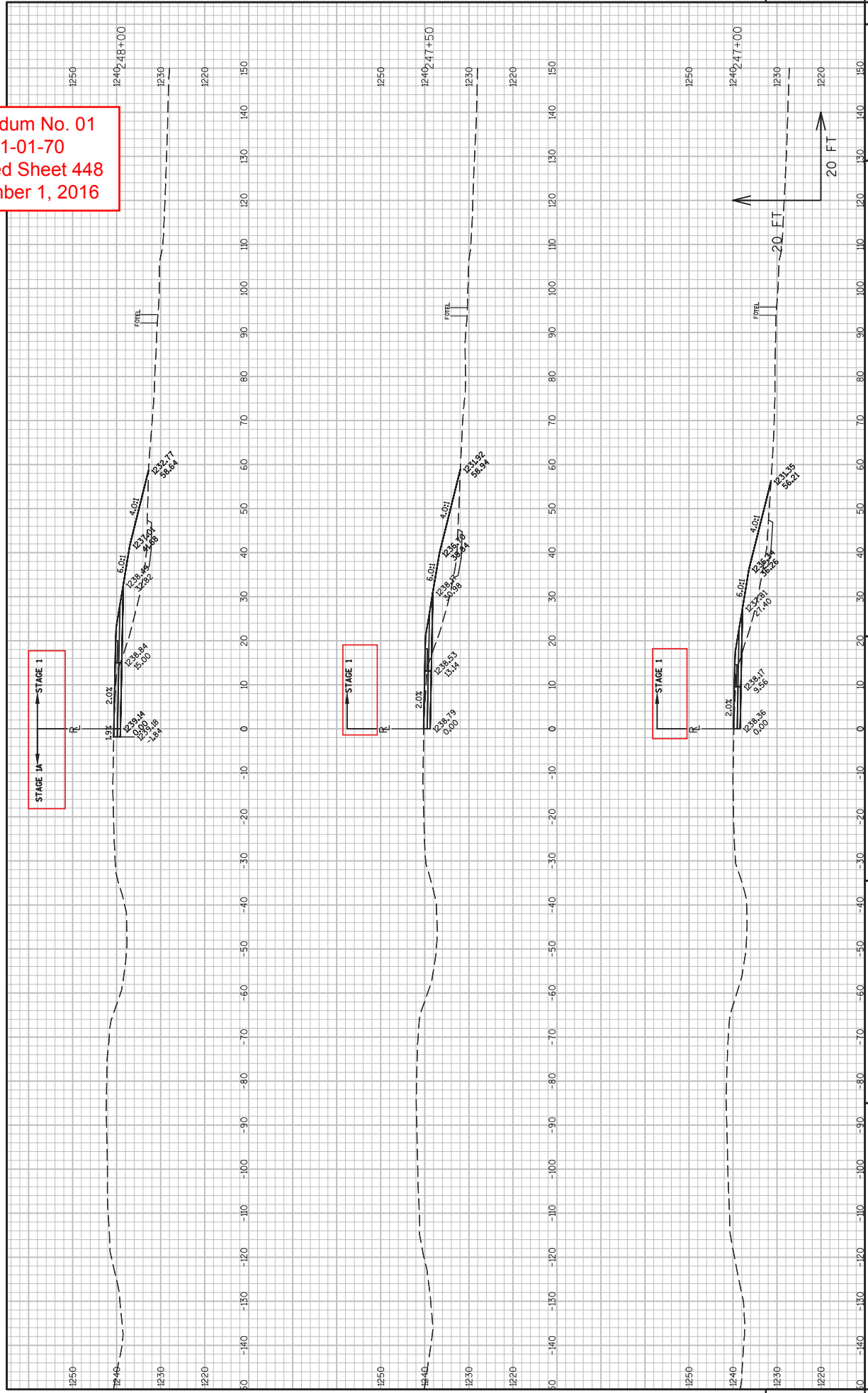
Addendum No. 01
 ID 1021-01-70
 Revised Sheet 440
 November 1, 2016



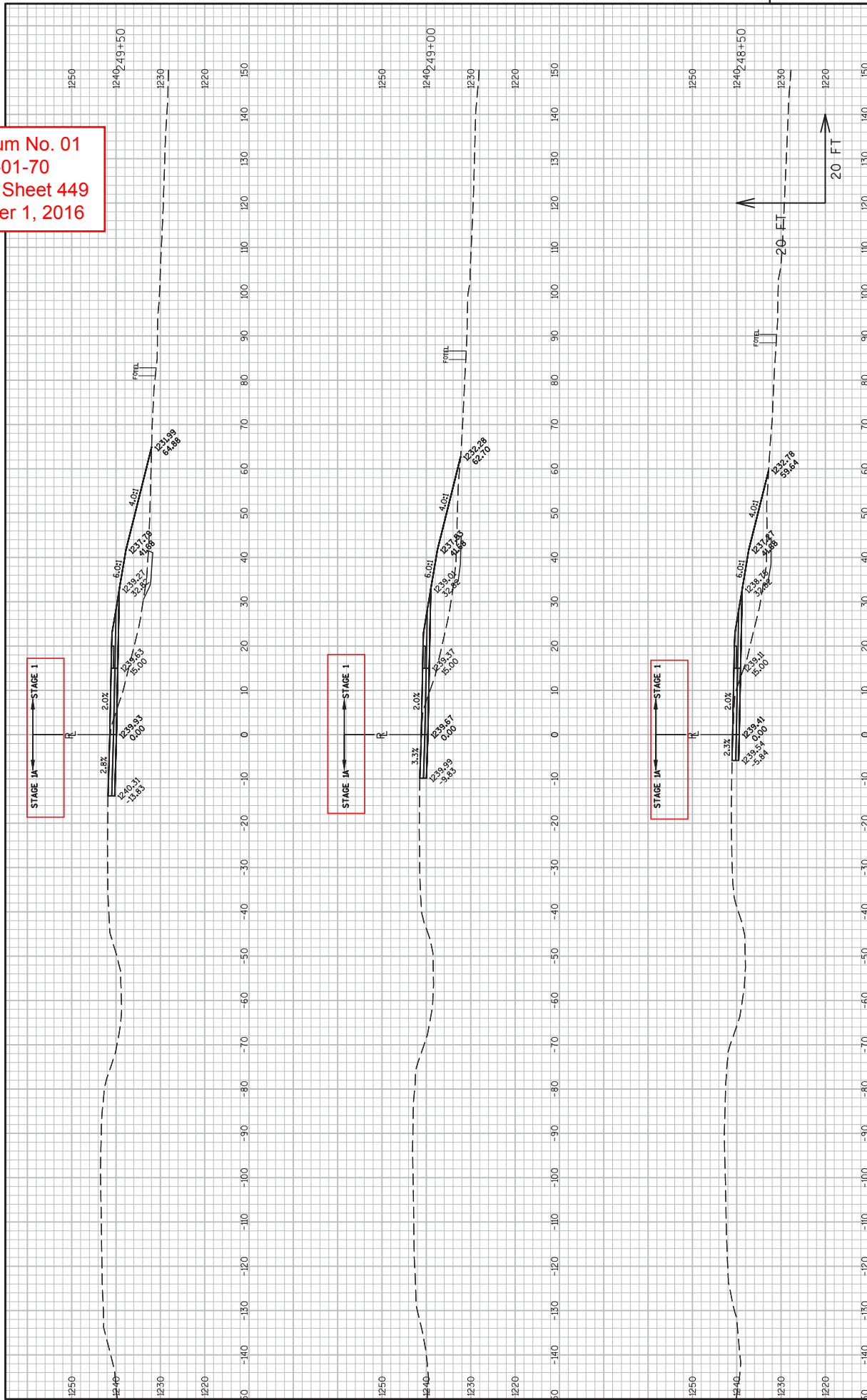
Addendum No. 01
 ID 1021-01-70
 Revised Sheet 447
 November 1, 2016



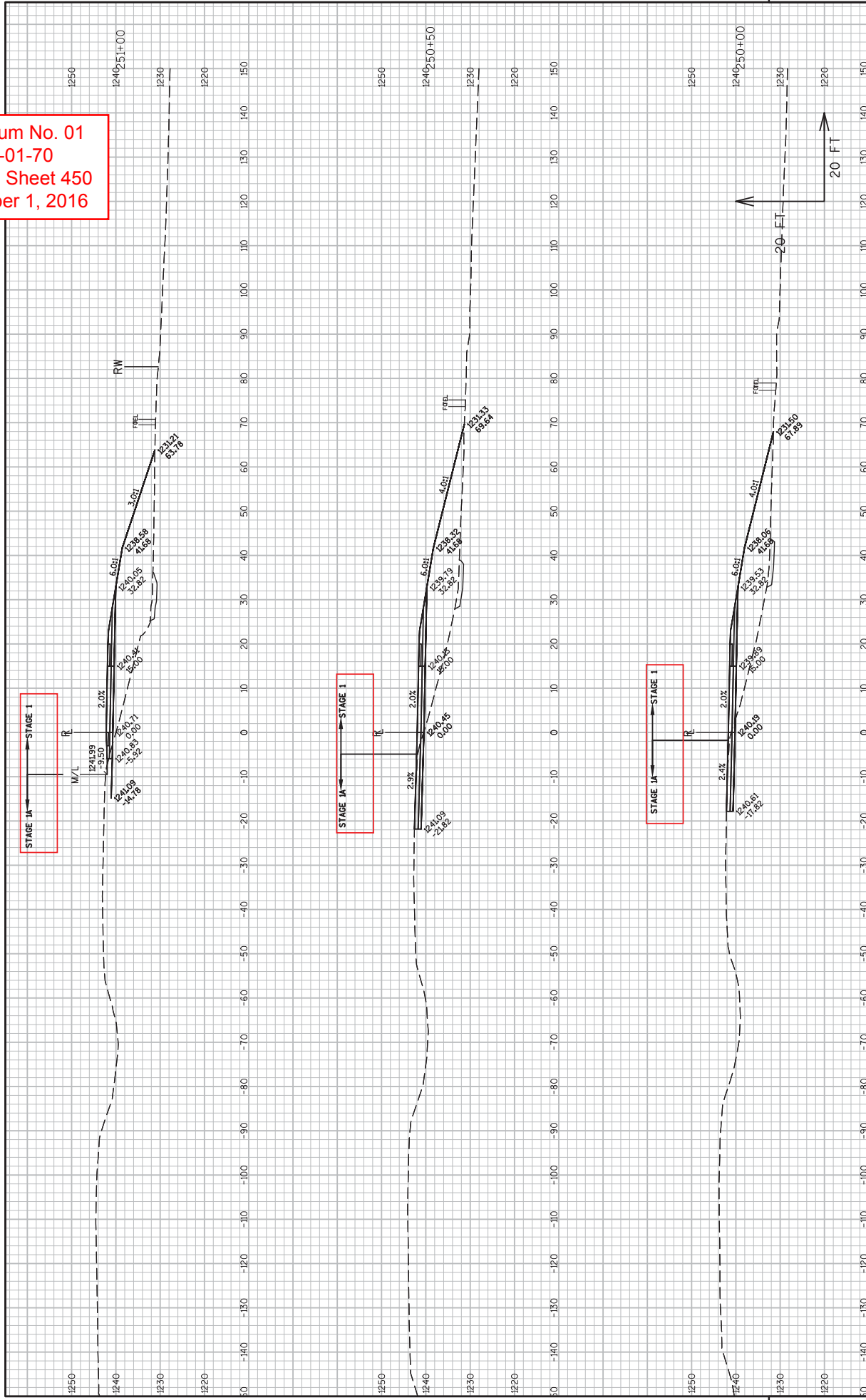
Addendum No. 01
ID 1021-01-70
Revised Sheet 448
November 1, 2016



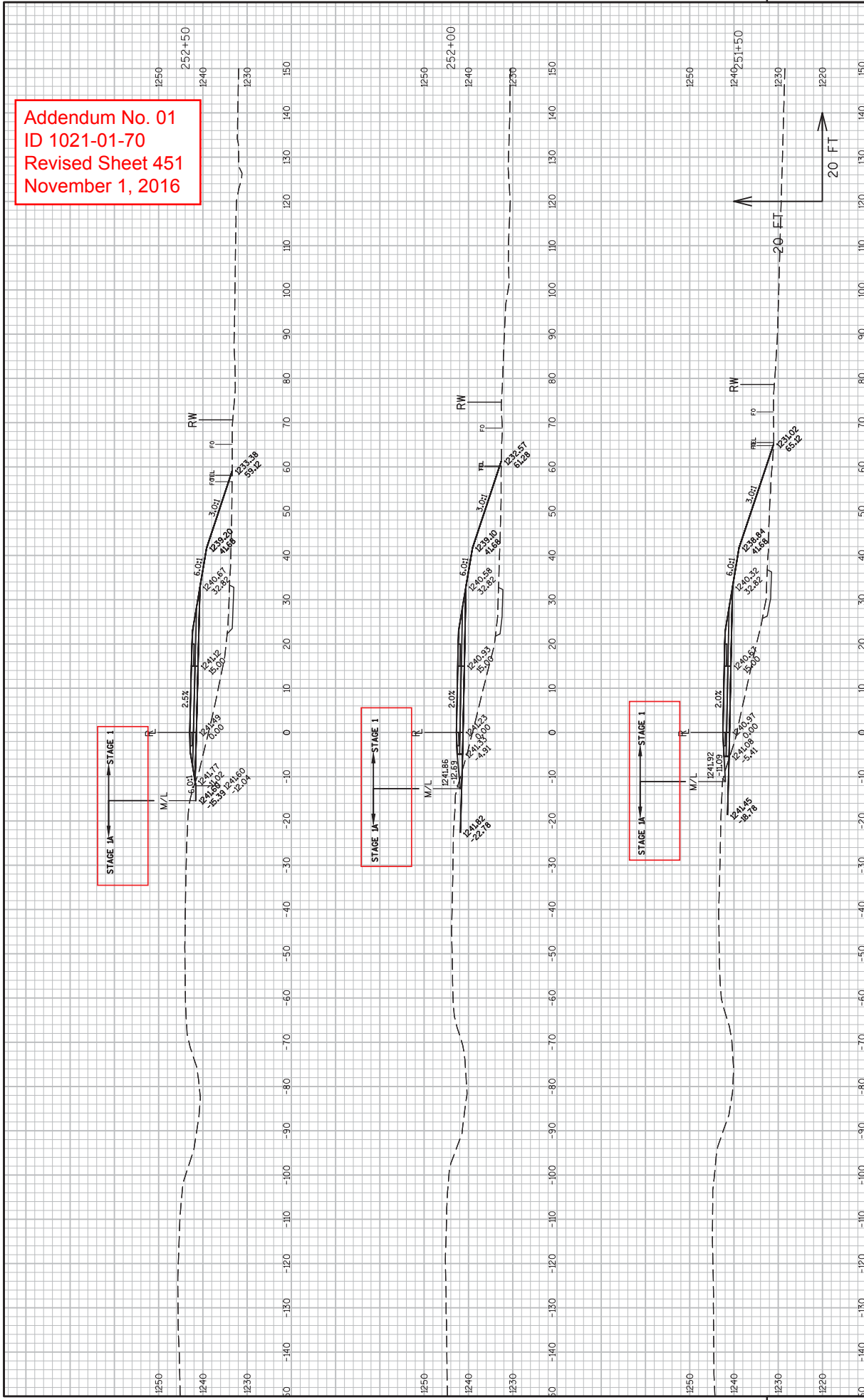
Addendum No. 01
 ID 1021-01-70
 Revised Sheet 449
 November 1, 2016



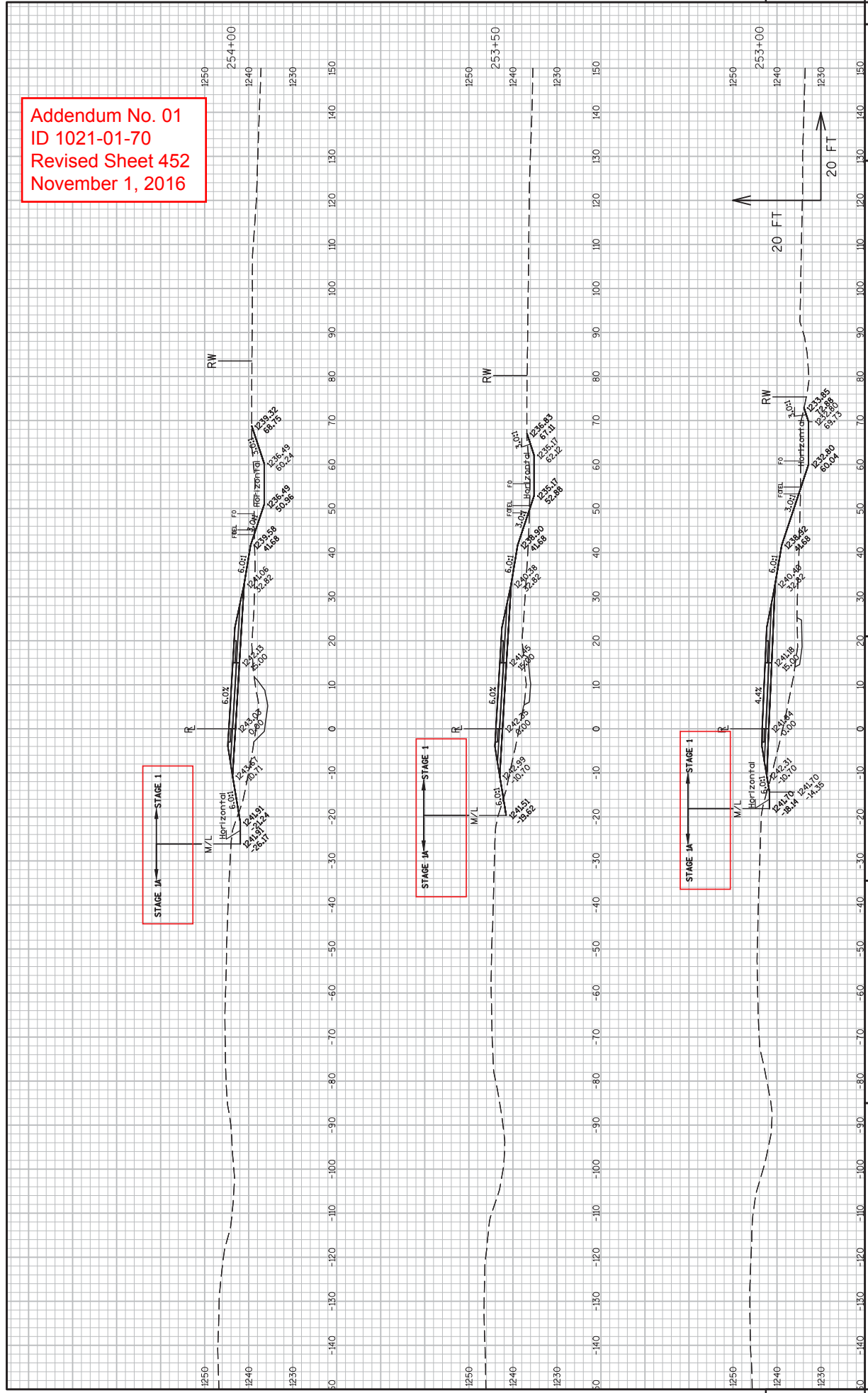
Addendum No. 01
 ID 1021-01-70
 Revised Sheet 450
 November 1, 2016



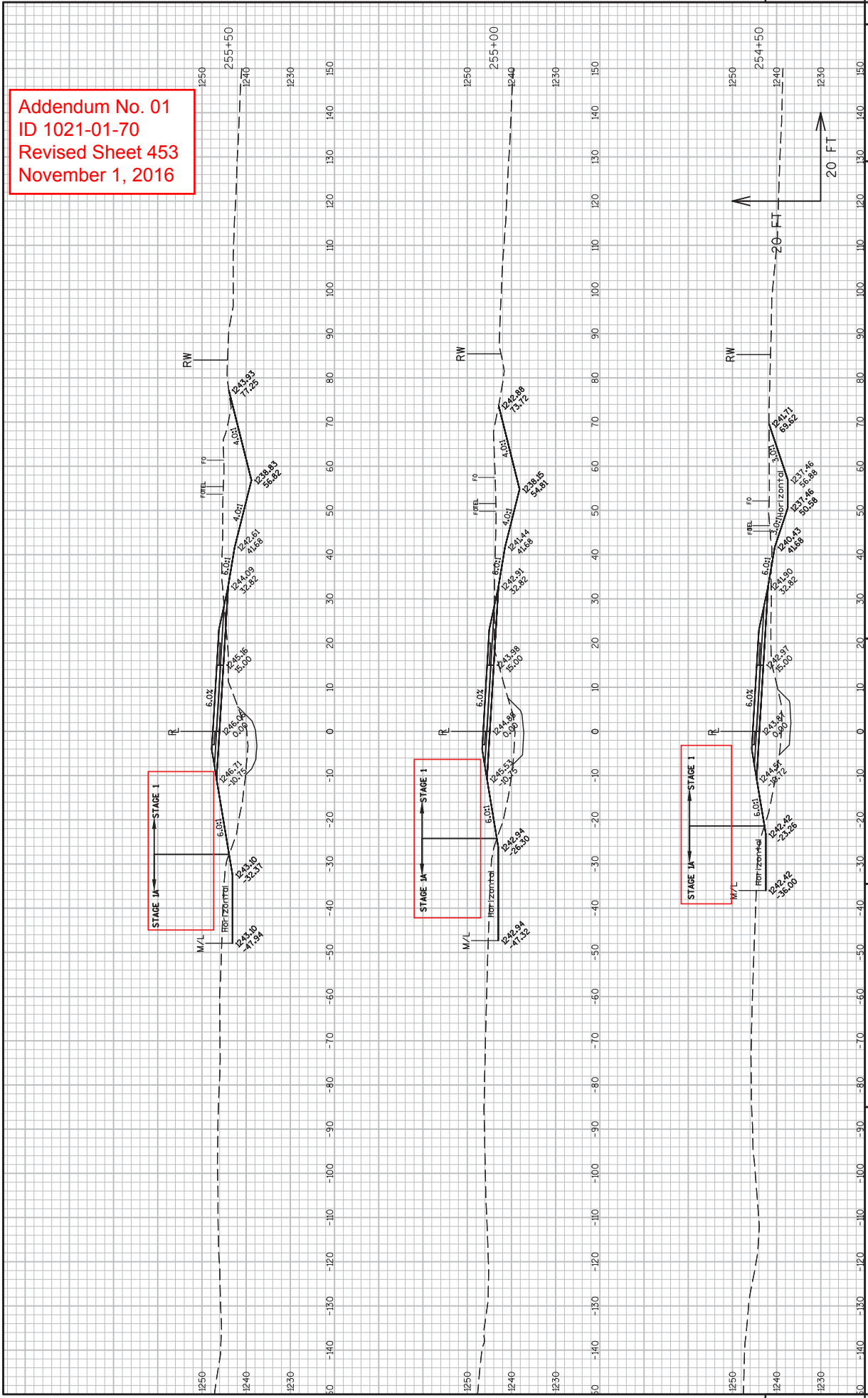
Addendum No. 01
 ID 1021-01-70
 Revised Sheet 451
 November 1, 2016



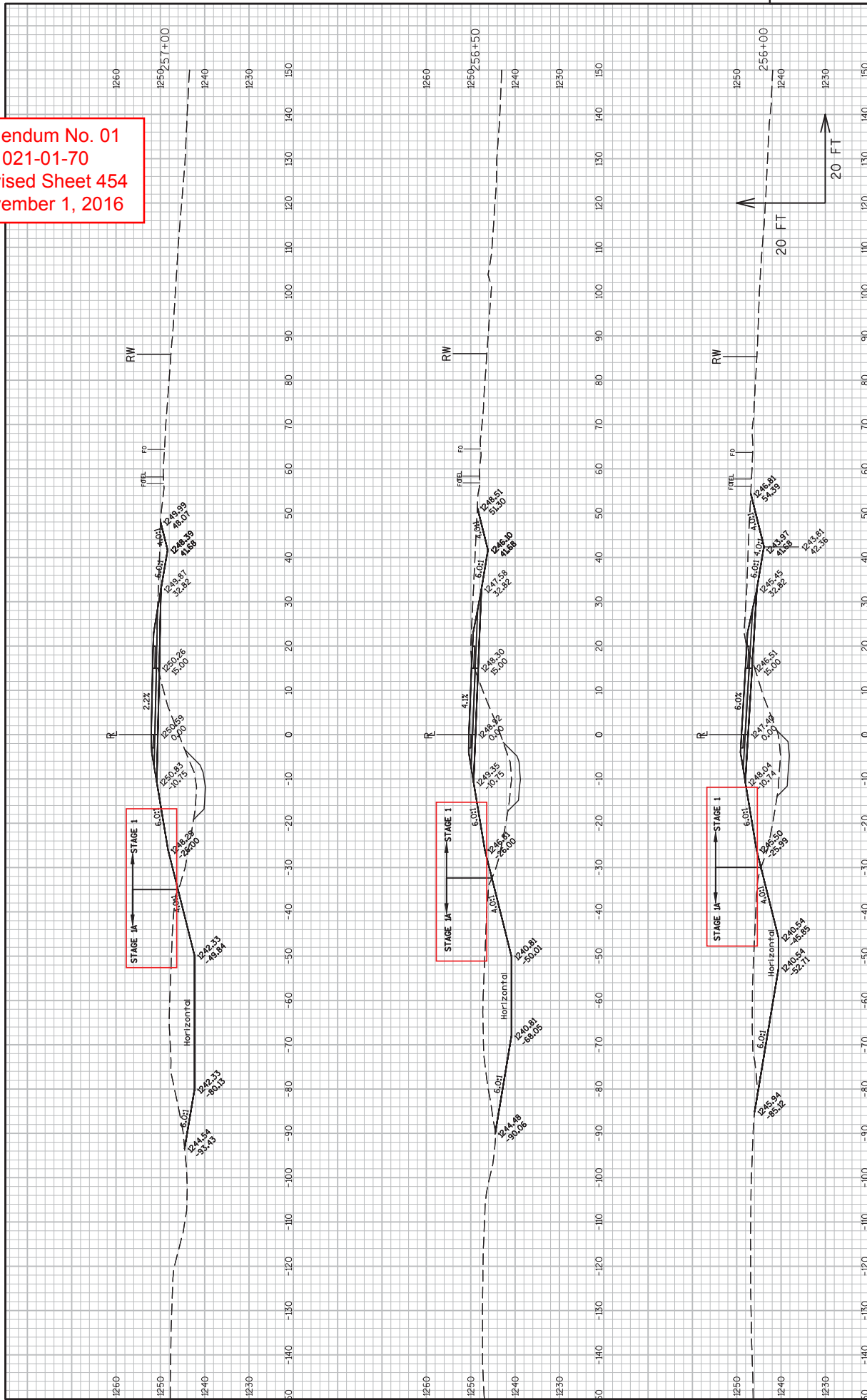
Addendum No. 01
 ID 1021-01-70
 Revised Sheet 452
 November 1, 2016



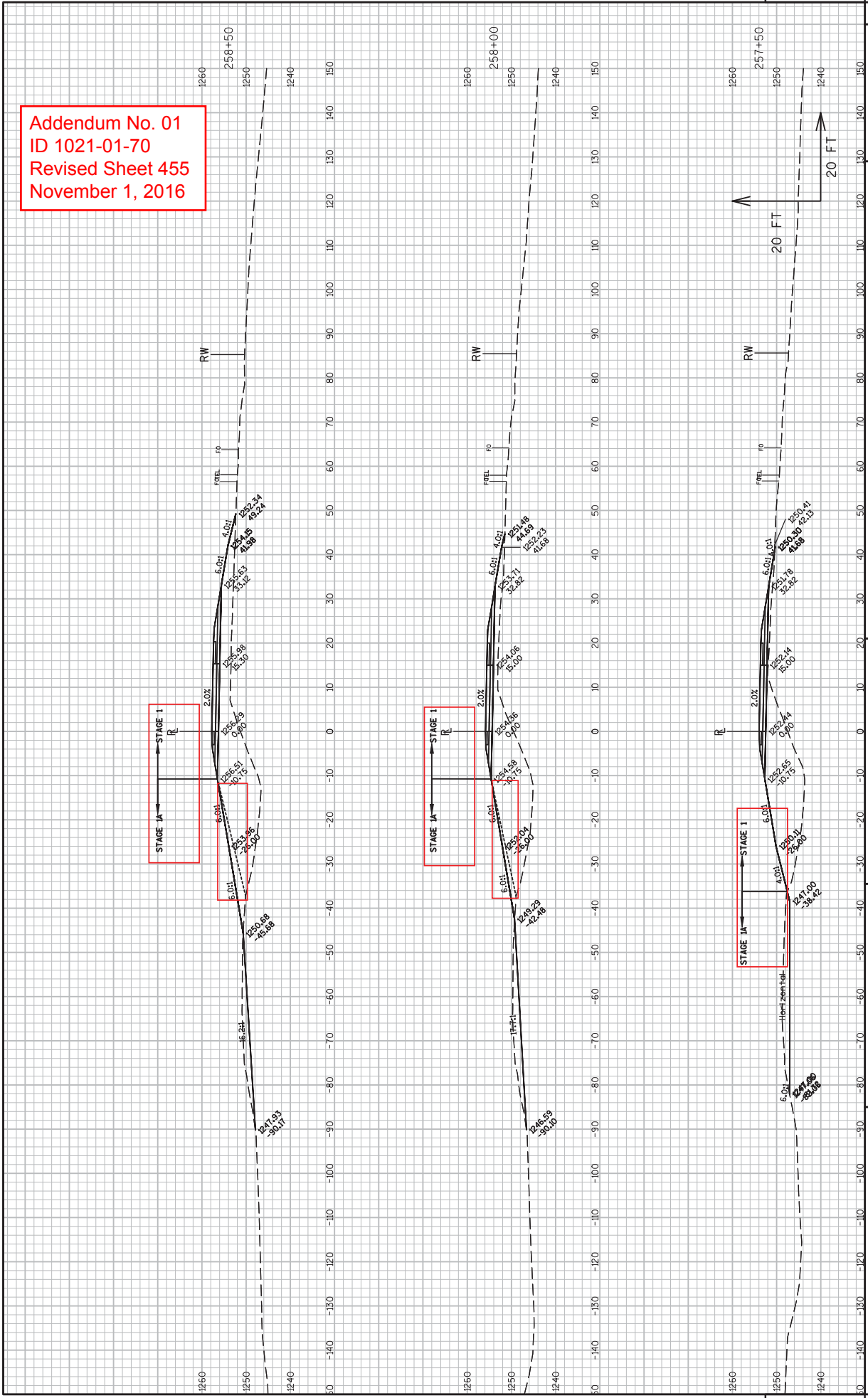
Addendum No. 01
 ID 1021-01-70
 Revised Sheet 453
 November 1, 2016



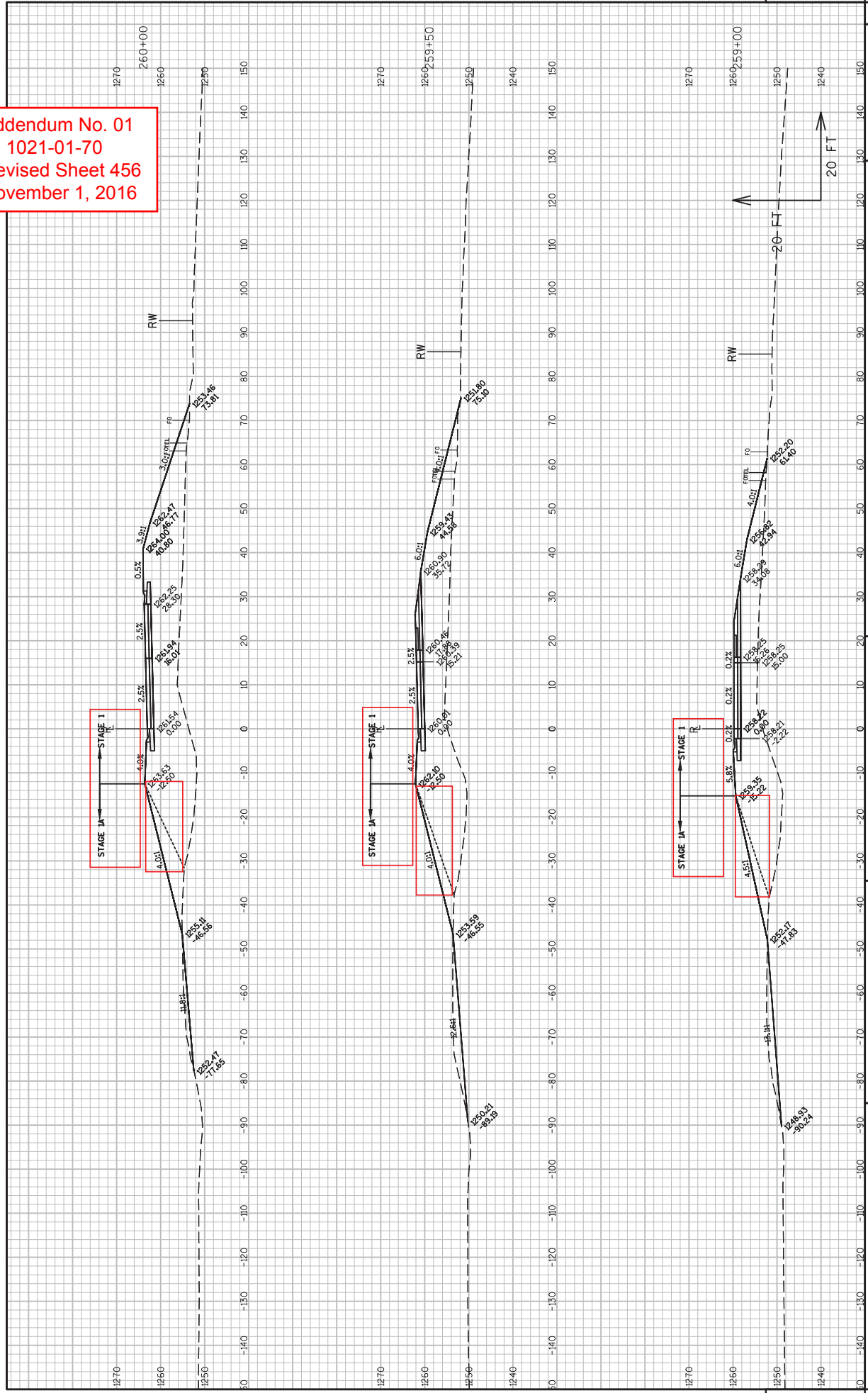
Addendum No. 01
 ID 1021-01-70
 Revised Sheet 454
 November 1, 2016



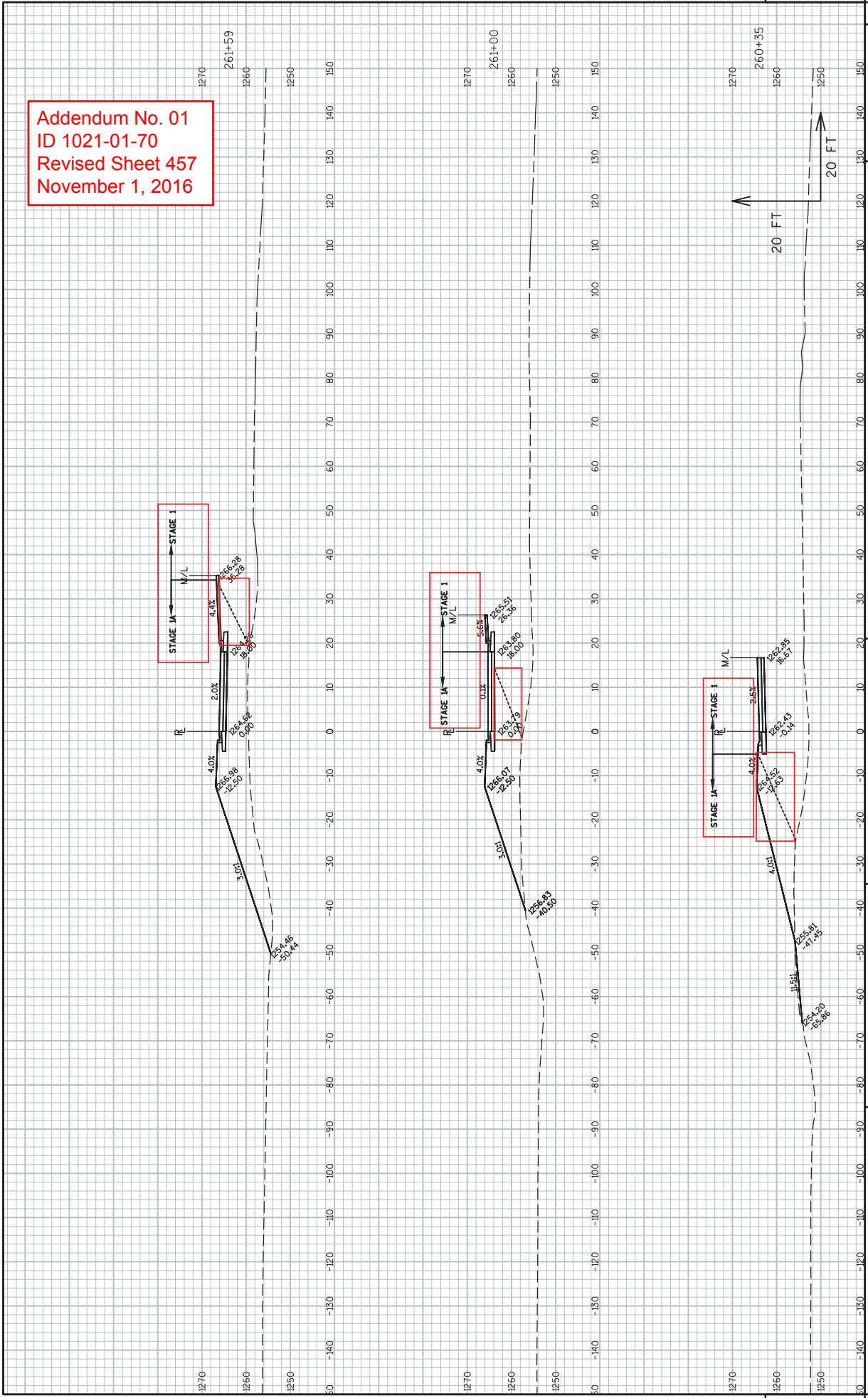
Addendum No. 01
 ID 1021-01-70
 Revised Sheet 455
 November 1, 2016



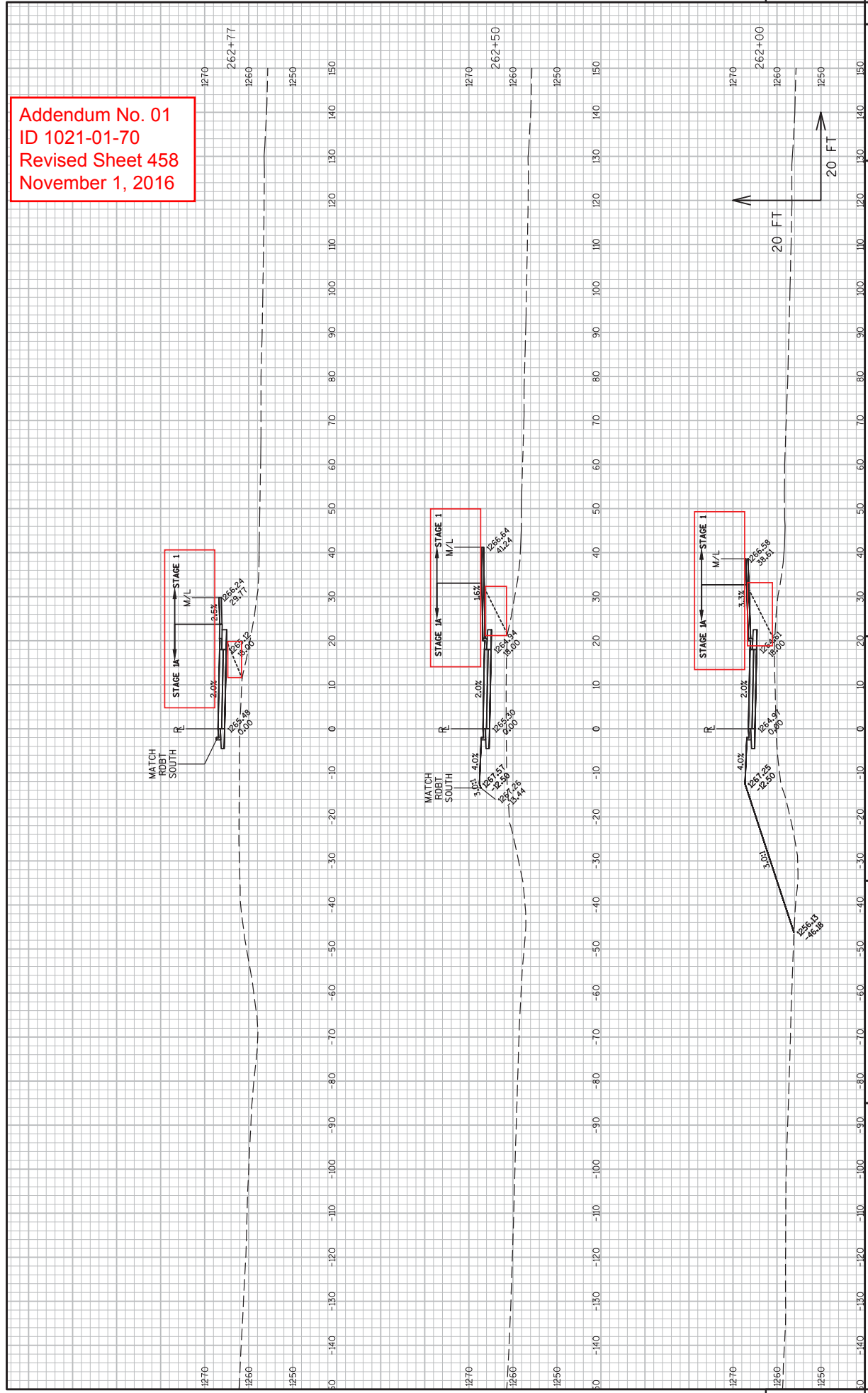
Addendum No. 01
 ID 1021-01-70
 Revised Sheet 456
 November 1, 2016



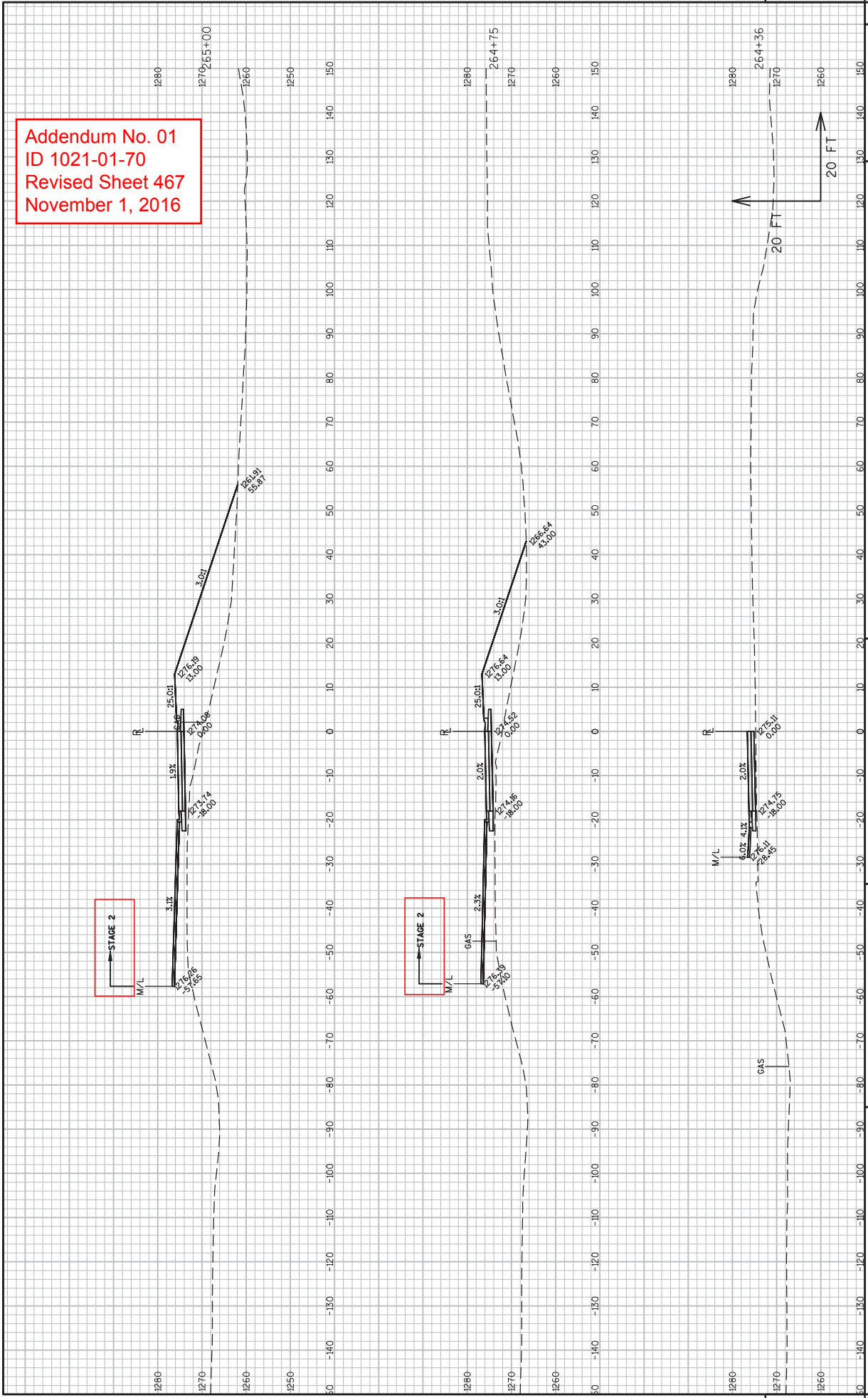
Addendum No. 01
 ID 1021-01-70
 Revised Sheet 457
 November 1, 2016



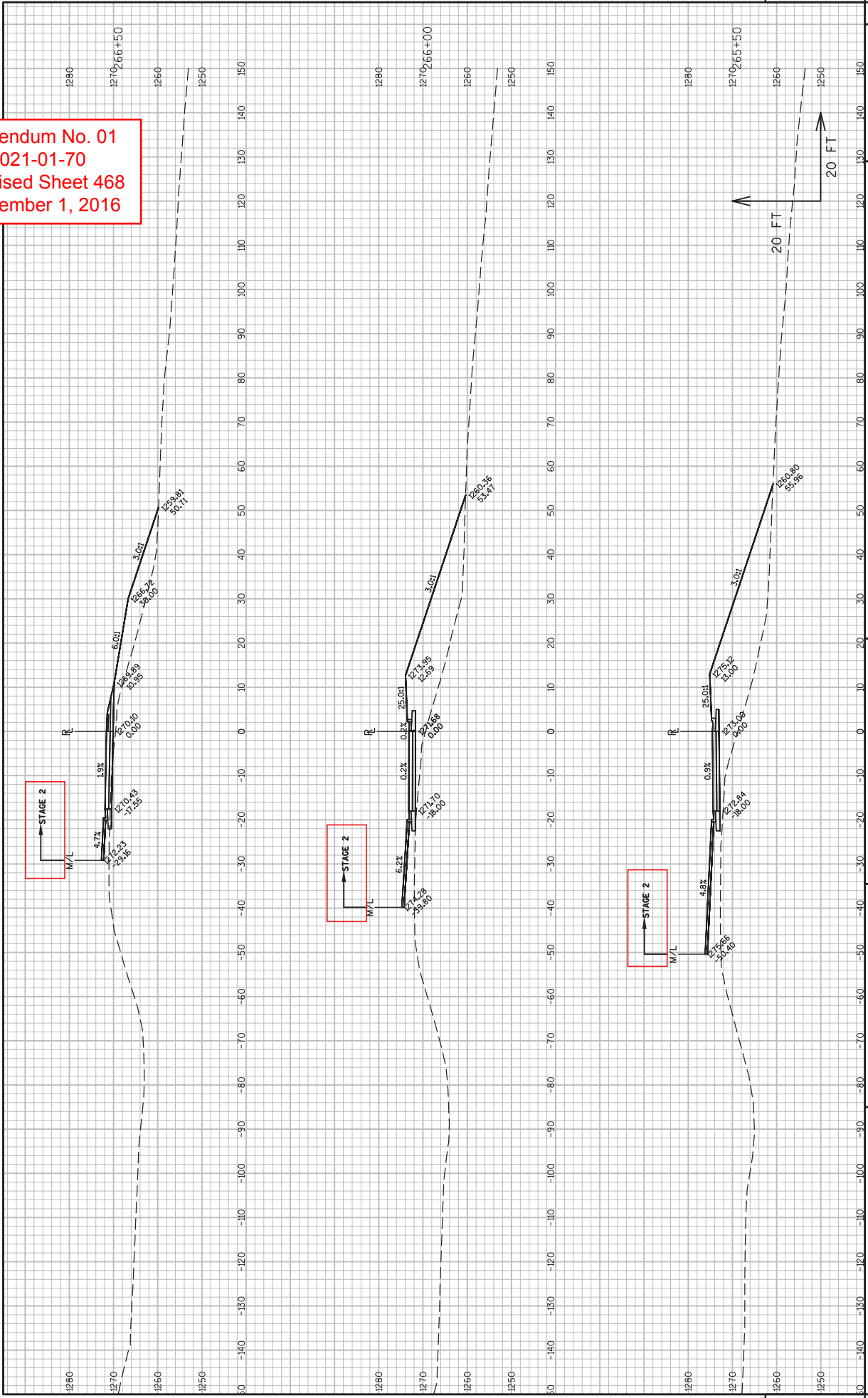
Addendum No. 01
 ID 1021-01-70
 Revised Sheet 458
 November 1, 2016



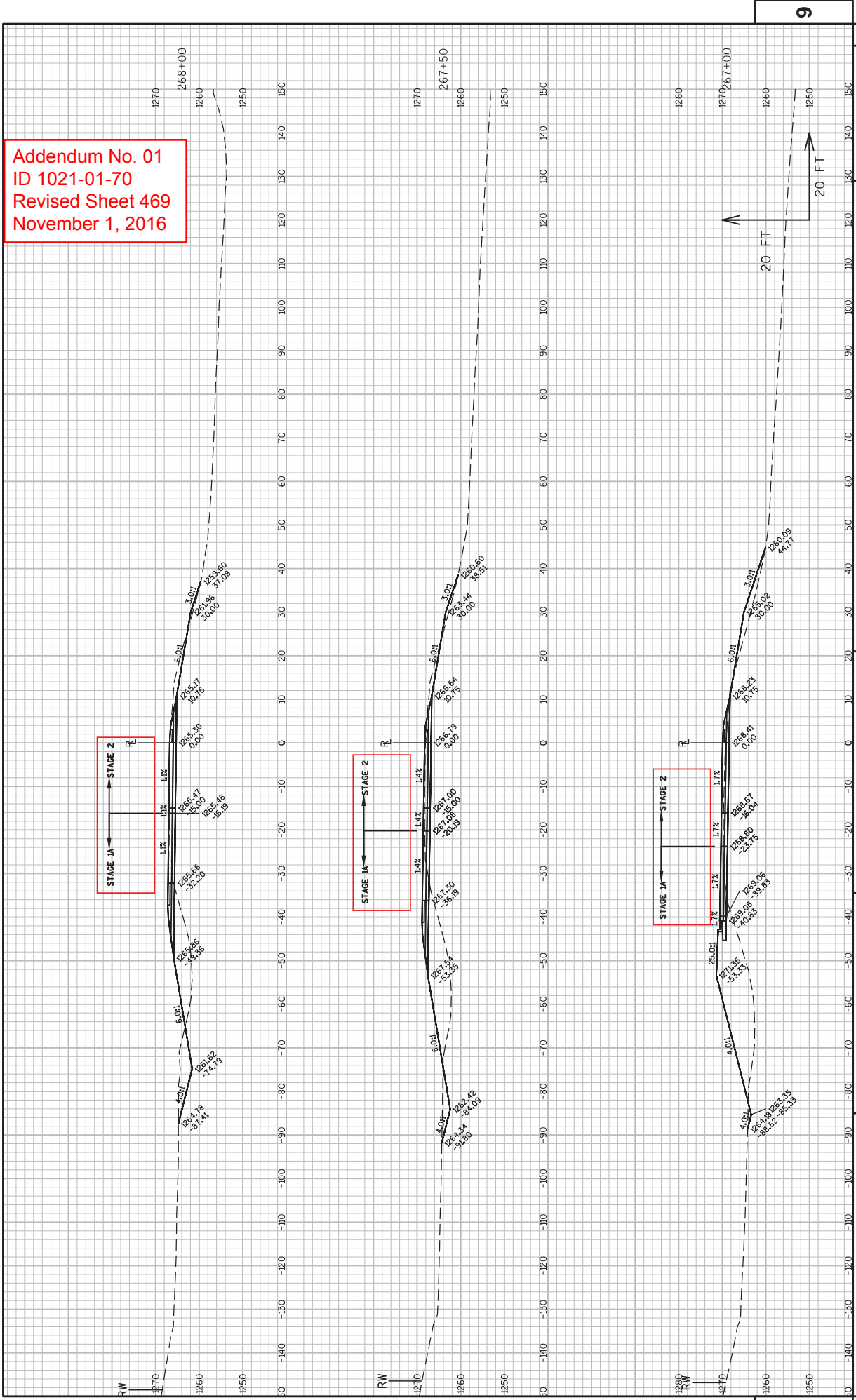
Addendum No. 01
ID 1021-01-70
Revised Sheet 467
November 1, 2016



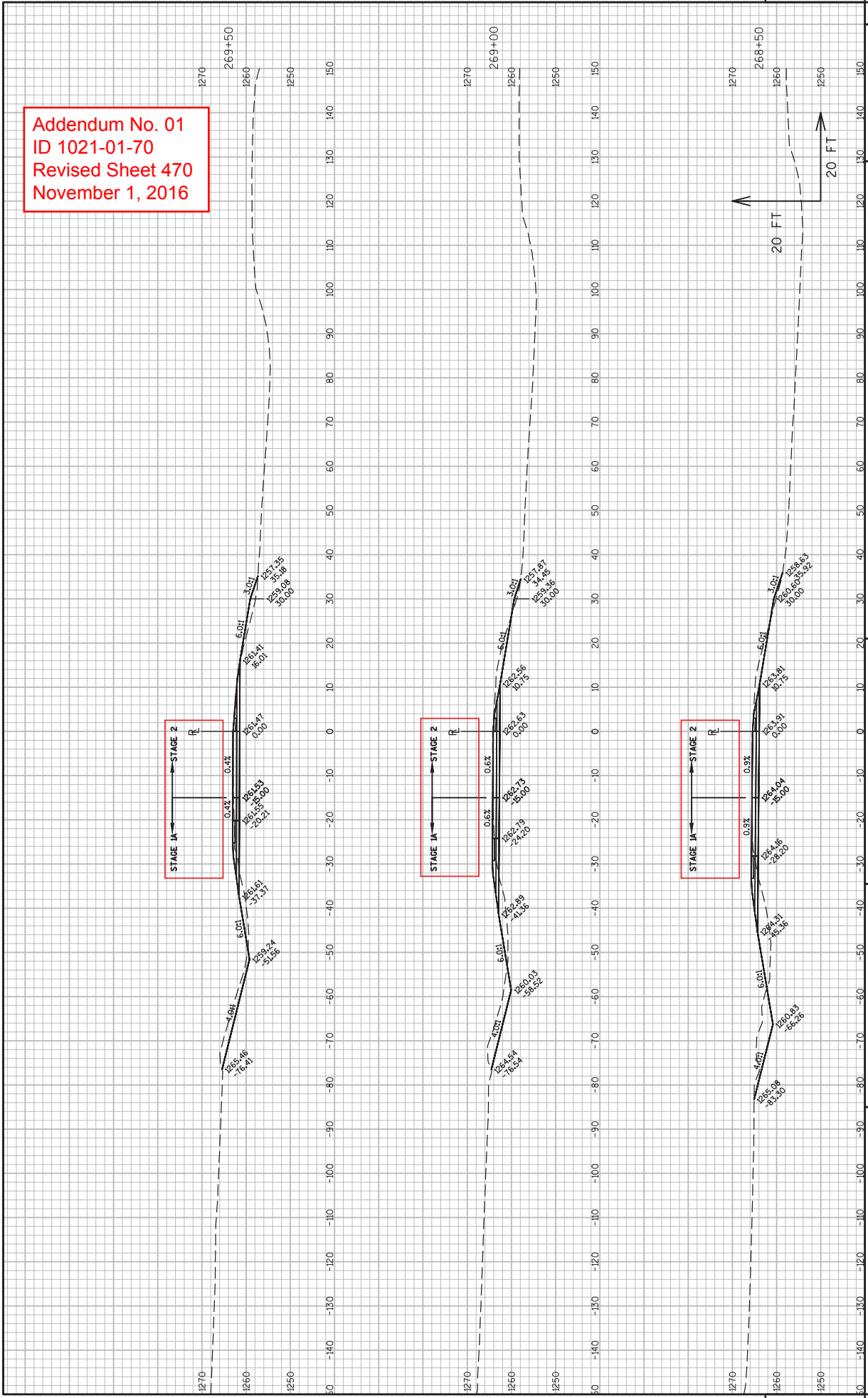
Addendum No. 01
 ID 1021-01-70
 Revised Sheet 468
 November 1, 2016



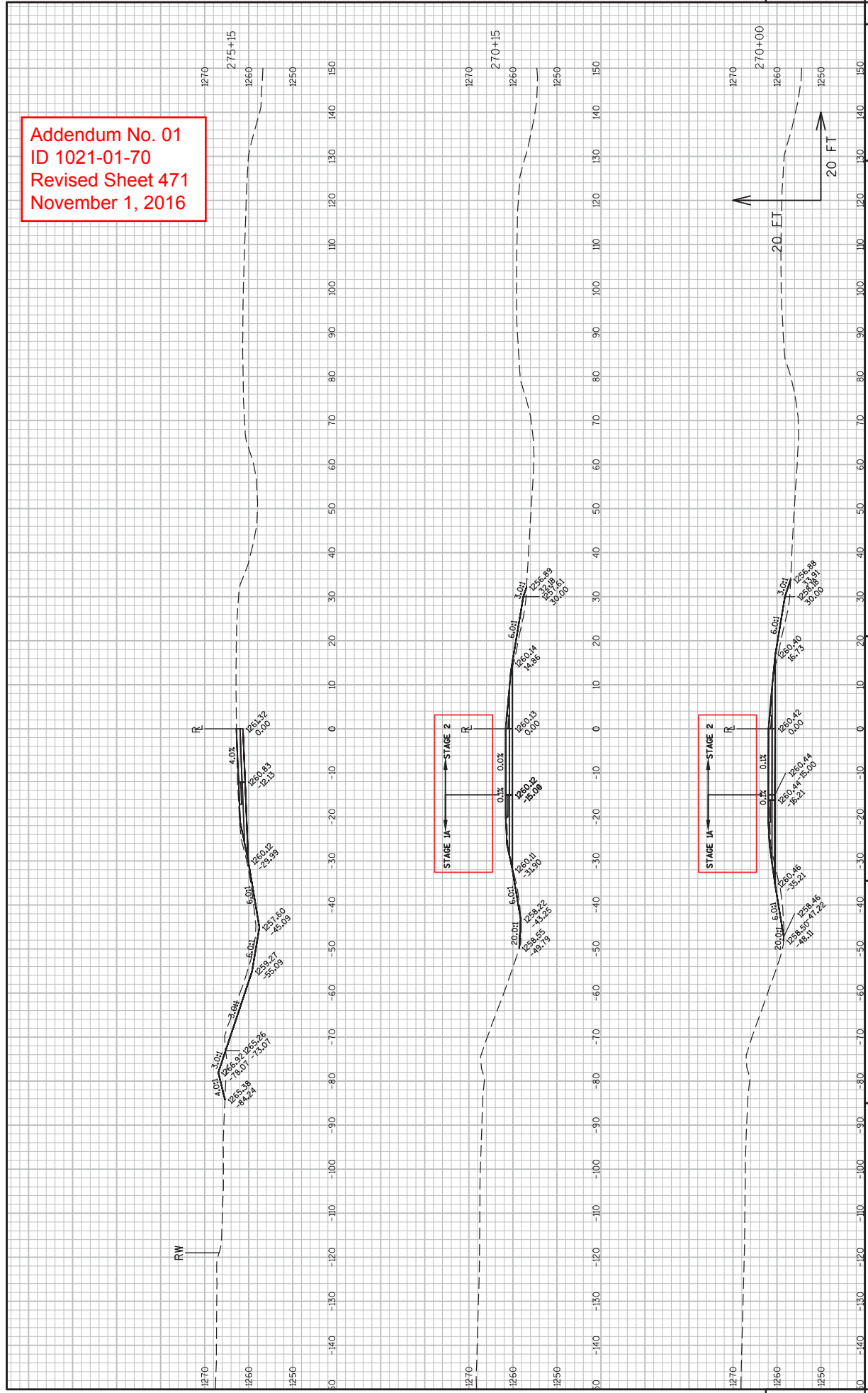
Addendum No. 01
 ID 1021-01-70
 Revised Sheet 469
 November 1, 2016



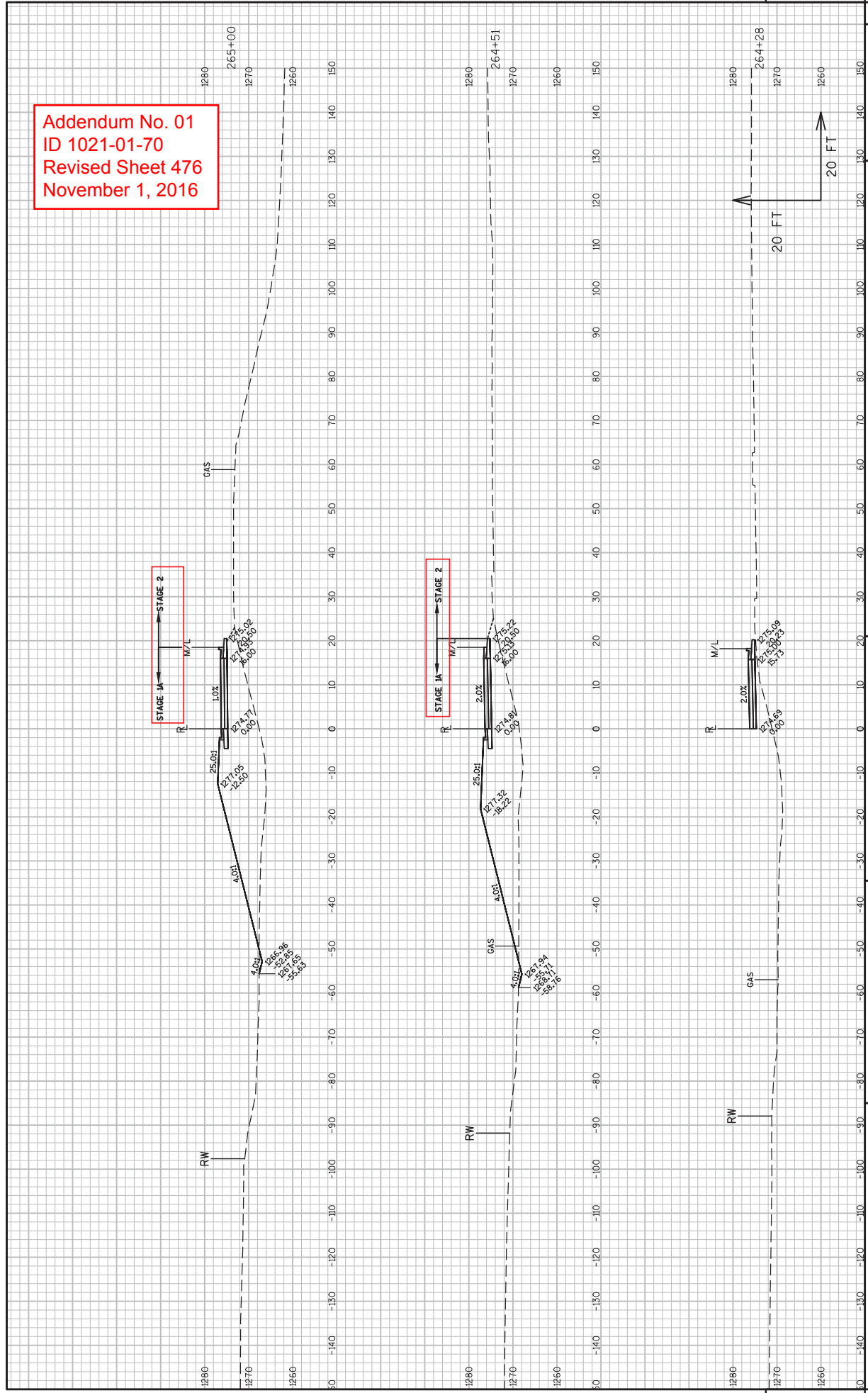
Addendum No. 01
 ID 1021-01-70
 Revised Sheet 470
 November 1, 2016



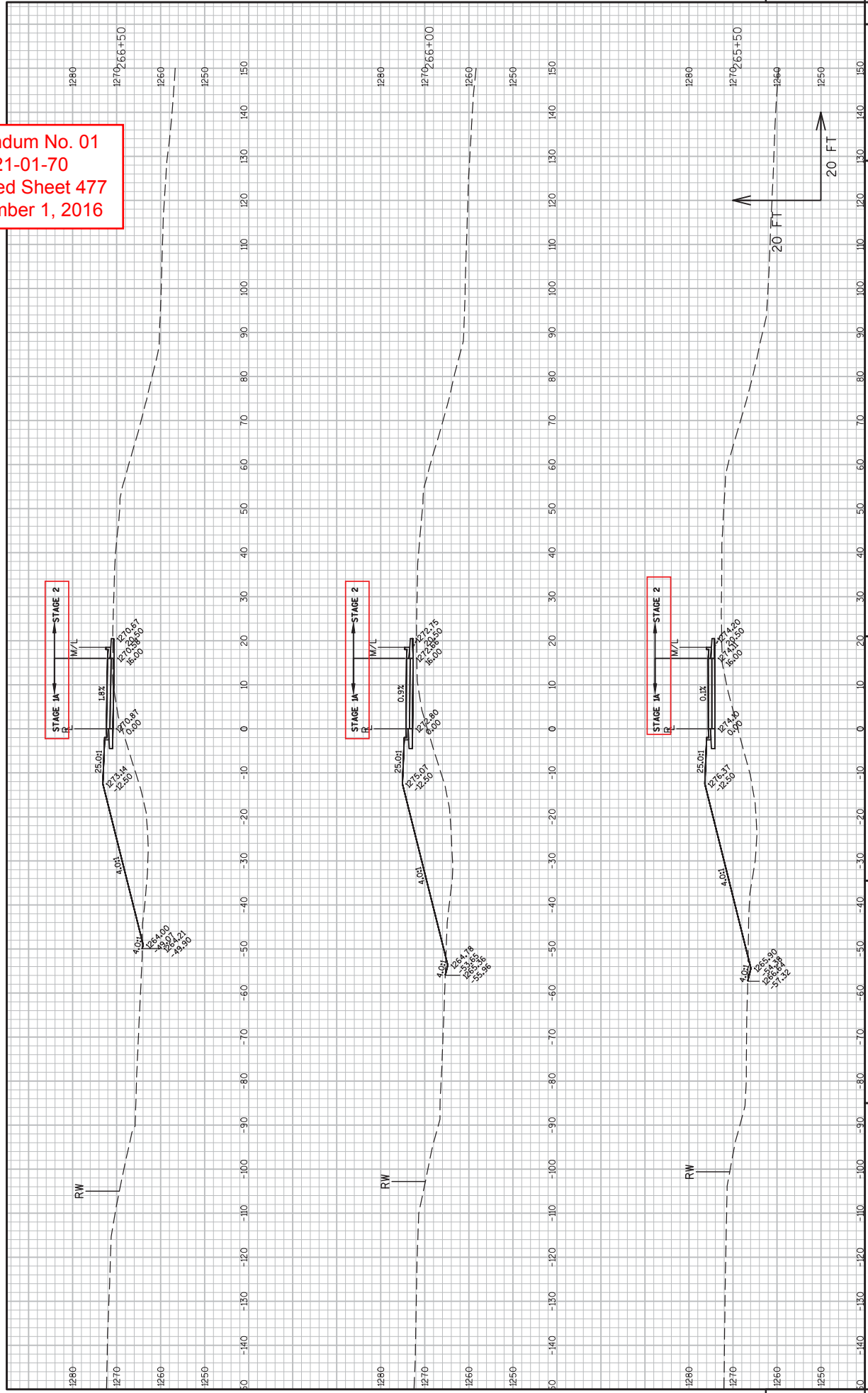
Addendum No. 01
 ID 1021-01-70
 Revised Sheet 471
 November 1, 2016



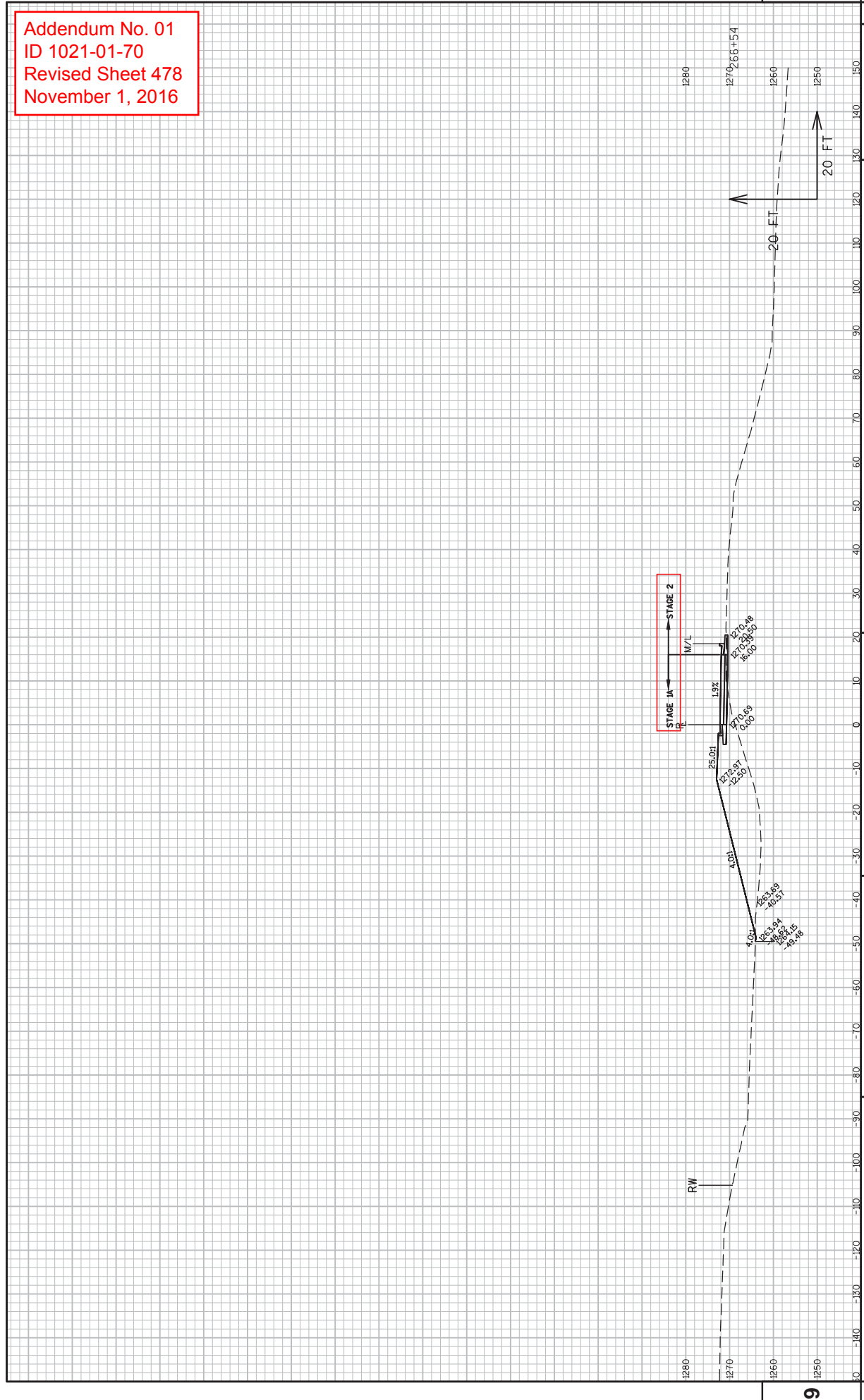
Addendum No. 01
 ID 1021-01-70
 Revised Sheet 476
 November 1, 2016



Addendum No. 01
 ID 1021-01-70
 Revised Sheet 477
 November 1, 2016

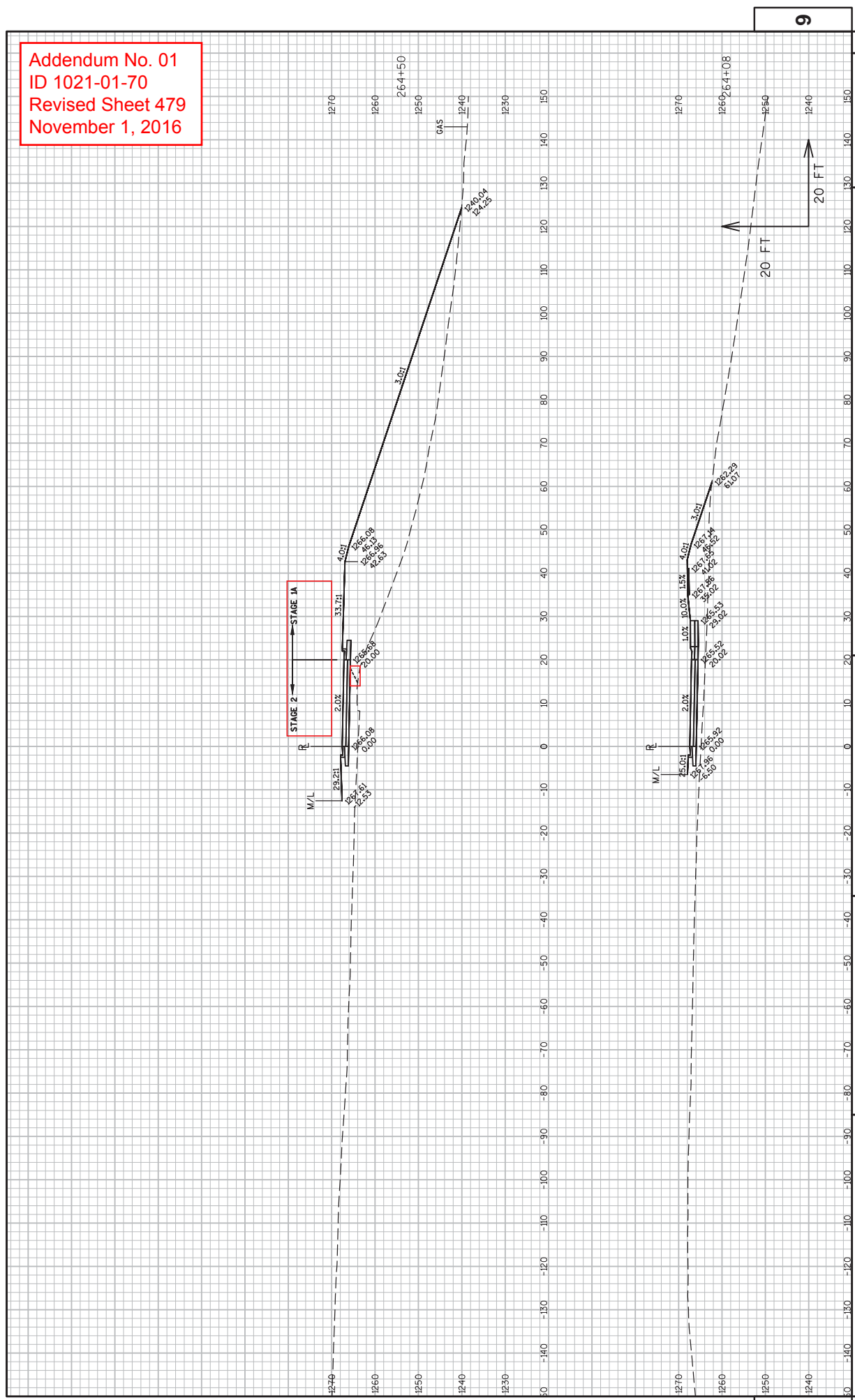


Addendum No. 01
ID 1021-01-70
Revised Sheet 478
November 1, 2016

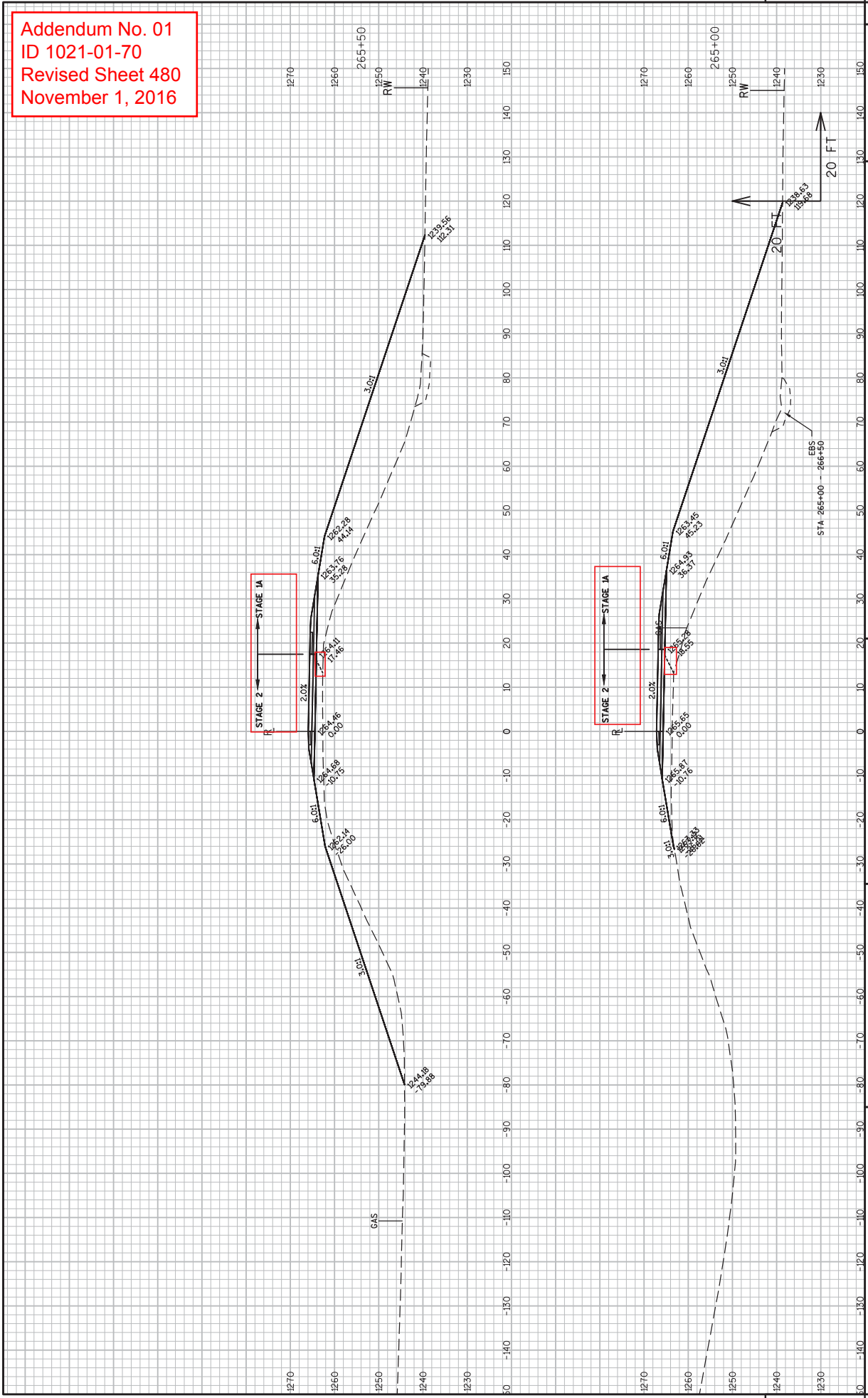


1280
1270
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9
PROJECT NO: 1021-01-70
COUNTY: ST. CROIX
CROSS SECTIONS: RAMP C BYPASS (NE RAMP)
SHEET 478
E
9
1280
1270
1260
1250
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140
130
120
110
100
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80
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60
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-10
-20
-30
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1280
1270
1260
1250
9
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LAYOUT NAME - SECTION SHEET - (12)
PLOT DATE : 10/17/2016 9:08 AM
PLOT BY : THAO, KOU
PLOT NAME :
PLOT SCALE : 1 IN:20 FT
WSDOT/CADD/SHEET 49

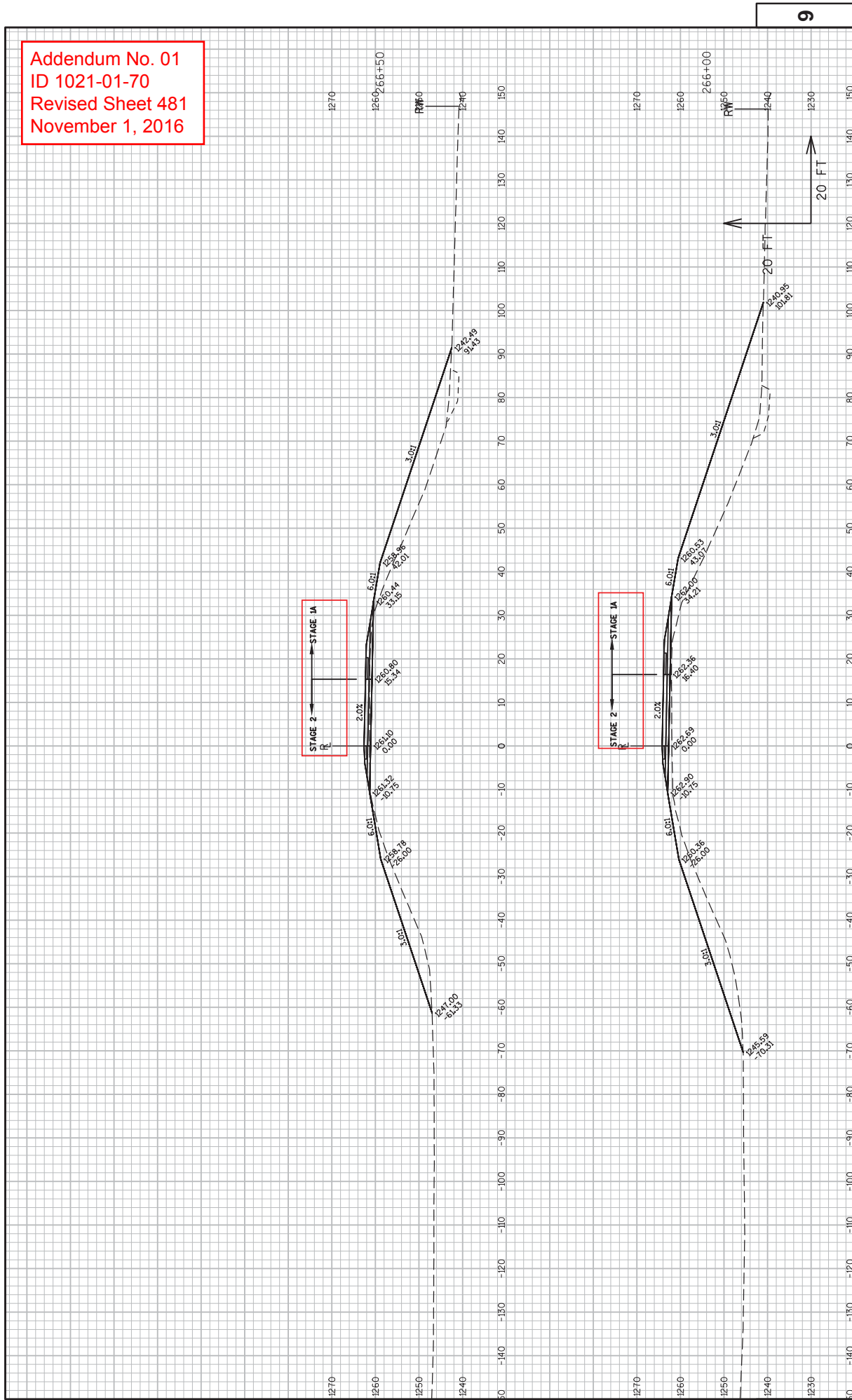
Addendum No. 01
 ID 1021-01-70
 Revised Sheet 479
 November 1, 2016



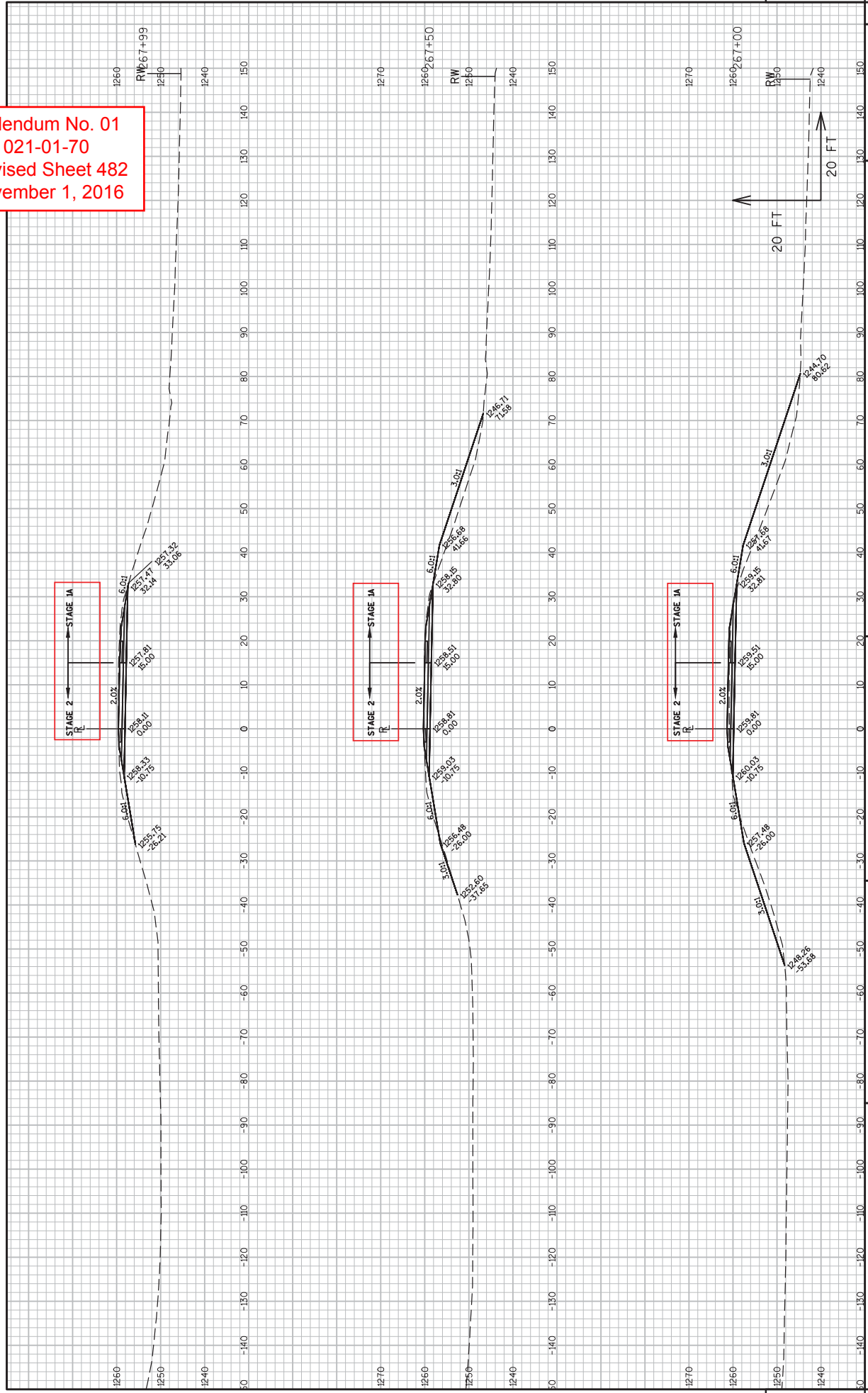
Addendum No. 01
 ID 1021-01-70
 Revised Sheet 480
 November 1, 2016



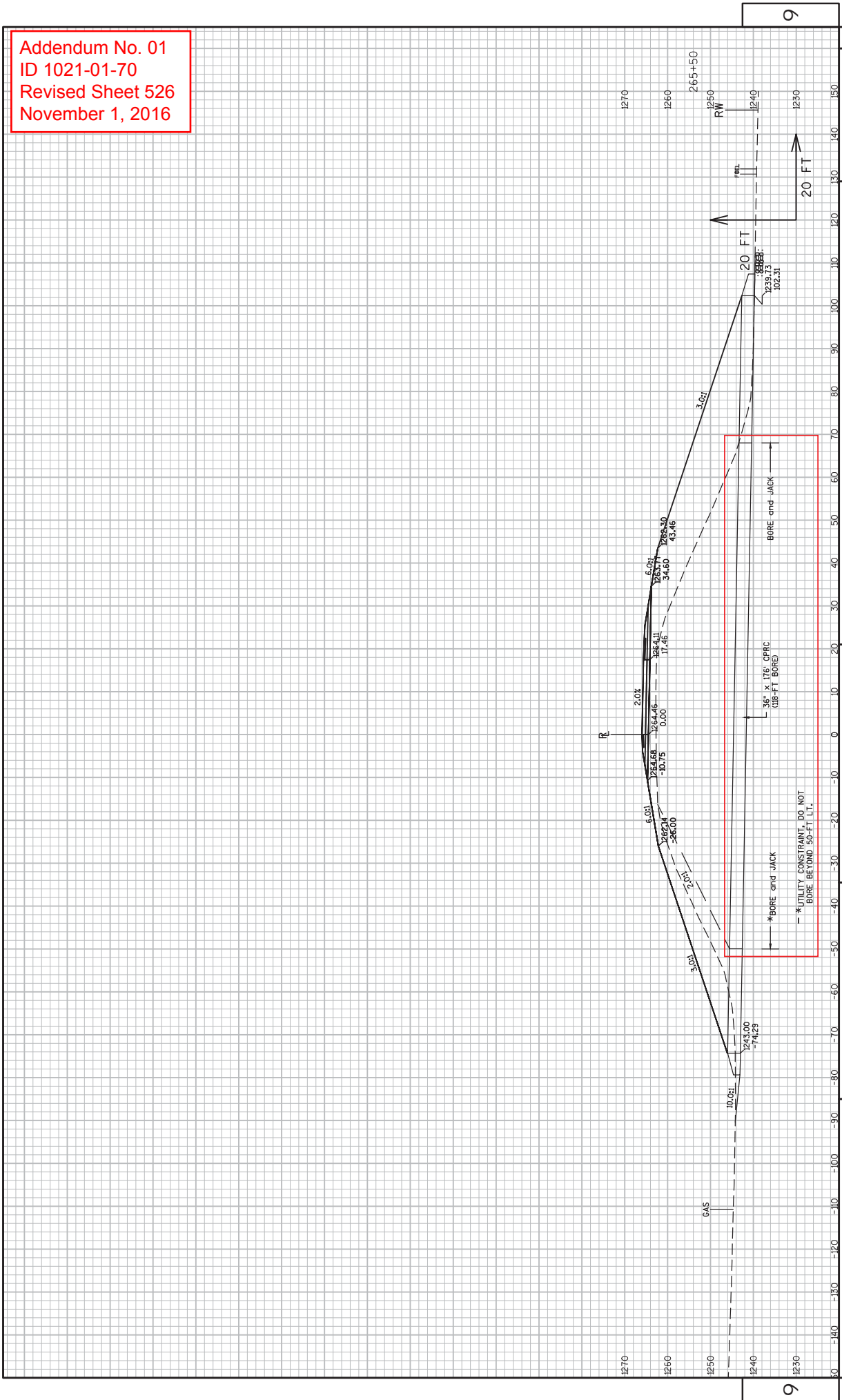
Addendum No. 01
 ID 1021-01-70
 Revised Sheet 481
 November 1, 2016



Addendum No. 01
 ID 1021-01-70
 Revised Sheet 482
 November 1, 2016



Addendum No. 01
 ID 1021-01-70
 Revised Sheet 526
 November 1, 2016





Proposal Schedule of Items

Proposal ID: 20161108016

Project(s): 1021-01-70

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0010	201.0105 Clearing	32.000 STA	_____.	_____.
0020	201.0205 Grubbing	32.000 STA	_____.	_____.
0030	203.0100 Removing Small Pipe Culverts	9.000 EACH	_____.	_____.
0040	203.0200 Removing Old Structure (station) 01. Sta. 248+88	LS	LUMP SUM	_____.
0050	204.0110 Removing Asphaltic Surface	3,470.000 SY	_____.	_____.
0060	204.0150 Removing Curb & Gutter	464.000 LF	_____.	_____.
0070	204.0170 Removing Fence	2,960.000 LF	_____.	_____.
0080	204.0180 Removing Delineators and Markers	80.000 EACH	_____.	_____.
0090	204.0220 Removing Inlets	1.000 EACH	_____.	_____.
0100	205.0100 Excavation Common	36,243.000 CY	_____.	_____.
0110	206.1000 Excavation for Structures Bridges (structure) 01. B-55-266	LS	LUMP SUM	_____.
0120	208.0100 Borrow	68,648.000 CY	_____.	_____.
0130	208.1100 Select Borrow	9,242.000 CY	_____.	_____.
0140	209.0100 Backfill Granular	2,550.000 CY	_____.	_____.
0150	210.0100 Backfill Structure	557.000 CY	_____.	_____.
0160	211.0100 Prepare Foundation for Asphaltic Paving (project) 01. 1021-01-70	LS	LUMP SUM	_____.



Proposal Schedule of Items

Proposal ID: 20161108016

Project(s): 1021-01-70

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0170	213.0100 Finishing Roadway (project) 01. 1021-01-70	1.000 EACH	_____	_____
0180	305.0110 Base Aggregate Dense 3/4-Inch	3,300.000 TON	_____	_____
0190	305.0120 Base Aggregate Dense 1 1/4-Inch	36,565.000 TON	_____	_____
0200	311.0115 Breaker Run	2,779.000 CY	_____	_____
0210	312.0115 Select Crushed Material	19,324.000 CY	_____	_____
0220	405.0100 Coloring Concrete WisDOT Red	592.000 CY	_____	_____
0230	415.1410 Concrete Pavement Approach Slab HES	128.000 SY	_____	_____
0240	416.0512 Concrete Truck Apron 12-Inch	1,690.000 SY	_____	_____
0250	440.4410 Incentive IRI Ride	5,180.000 DOL	1.00000	5,180.00
0260	450.4000 HMA Cold Weather Paving	18,525.000 TON	_____	_____
0270	455.0605 Tack Coat	3,100.000 GAL	_____	_____
0280	460.2000 Incentive Density HMA Pavement	11,860.000 DOL	1.00000	11,860.00
0290	465.0120 Asphaltic Surface Driveways and Field Entrances	28.000 TON	_____	_____
0300	465.0125 Asphaltic Surface Temporary	1,590.000 TON	_____	_____
0310	465.0315 Asphaltic Flumes	175.000 SY	_____	_____
0320	465.0400 Asphaltic Shoulder Rumble Strips	1,640.000 LF	_____	_____
0330	501.1000.S Ice Hot Weather Concreting	6,135.000 LB	_____	_____



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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0340	502.0100 Concrete Masonry Bridges	818.000 CY	_____.	_____.
0350	502.3200 Protective Surface Treatment	1,498.000 SY	_____.	_____.
0360	502.3210 Pigmented Surface Sealer	216.000 SY	_____.	_____.
0370	503.0146 Prestressed Girder Type I 45W-Inch	2,113.000 LF	_____.	_____.
0380	505.0100 Bar Steel Reinforcement Structures	10,240.000 LB	_____.	_____.
0390	505.0600 Bar Steel Reinforcement HS Coated Structures	139,310.000 LB	_____.	_____.
0400	506.2605 Bearing Pads Elastomeric Non-Laminated	36.000 EACH	_____.	_____.
0410	506.4000 Steel Diaphragms (structure) 01. B-55-266	32.000 EACH	_____.	_____.
0420	511.1200 Temporary Shoring (structure) 01. B-55-266	125.000 SF	_____.	_____.
0430	516.0500 Rubberized Membrane Waterproofing	31.000 SY	_____.	_____.
0510	522.0130 Culvert Pipe Reinforced Concrete Class III 30-Inch	94.000 LF	_____.	_____.
0520	522.0336 Culvert Pipe Reinforced Concrete Class IV 36-Inch	58.000 LF	_____.	_____.
0570	522.1030 Apron Endwalls for Culvert Pipe Reinforced Concrete 30-Inch	2.000 EACH	_____.	_____.
0580	522.1036 Apron Endwalls for Culvert Pipe Reinforced Concrete 36-Inch	2.000 EACH	_____.	_____.
0610	550.1100 Piling Steel HP 10-Inch X 42 Lb	2,695.000 LF	_____.	_____.



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0620	601.0405 Concrete Curb & Gutter 18-Inch Type A	560.000 LF	_____.	_____.
0630	601.0411 Concrete Curb & Gutter 30-Inch Type D	5,245.000 LF	_____.	_____.
0640	601.0553 Concrete Curb & Gutter 4-Inch Sloped 36-Inch Type D	1,491.000 LF	_____.	_____.
0650	601.0557 Concrete Curb & Gutter 6-Inch Sloped 36-Inch Type D	239.000 LF	_____.	_____.
0660	601.0582 Concrete Curb & Gutter 4-Inch Sloped 36-Inch Type T	1,095.000 LF	_____.	_____.
0670	602.0410 Concrete Sidewalk 5-Inch	9,471.000 SF	_____.	_____.
0680	602.0415 Concrete Sidewalk 6-Inch	36,118.000 SF	_____.	_____.
0690	602.0515 Curb Ramp Detectable Warning Field Natural Patina	168.000 SF	_____.	_____.
0700	603.8000 Concrete Barrier Temporary Precast Delivered	9,400.000 LF	_____.	_____.
0710	603.8125 Concrete Barrier Temporary Precast Installed	9,400.000 LF	_____.	_____.
0720	604.0500 Slope Paving Crushed Aggregate	538.000 SY	_____.	_____.
0730	606.0200 Riprap Medium	127.000 CY	_____.	_____.
0760	611.0606 Inlet Covers Type B	3.000 EACH	_____.	_____.
0770	611.0624 Inlet Covers Type H	4.000 EACH	_____.	_____.
0780	611.0627 Inlet Covers Type HM	4.000 EACH	_____.	_____.



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0790	611.0652 Inlet Covers Type T	5.000 EACH	_____.	_____.
0800	611.0660 Inlet Covers Type WM	17.000 EACH	_____.	_____.
0810	611.2004 Manholes 4-FT Diameter	1.000 EACH	_____.	_____.
0820	611.3225 Inlets 2x2.5-FT	21.000 EACH	_____.	_____.
0830	611.3230 Inlets 2x3-FT	11.000 EACH	_____.	_____.
0840	611.8120.S Cover Plates Temporary	20.000 EACH	_____.	_____.
0850	612.0212 Pipe Underdrain Unperforated 12-Inch	396.000 LF	_____.	_____.
0860	612.0406 Pipe Underdrain Wrapped 6-Inch	847.000 LF	_____.	_____.
0870	614.0150 Anchor Assemblies for Steel Plate Beam Guard	4.000 EACH	_____.	_____.
0880	614.0220 Steel Thrie Beam Bullnose Terminal	2.000 EACH	_____.	_____.
0890	614.0230 Steel Thrie Beam	250.000 LF	_____.	_____.
0900	614.0905 Crash Cushions Temporary	21.000 EACH	_____.	_____.
0910	614.0920 Salvaged Rail	1,990.000 LF	_____.	_____.
0920	616.0100 Fence Woven Wire (height) 01. 4.5-FT	2,600.000 LF	_____.	_____.
0930	618.0100 Maintenance And Repair of Haul Roads (project) 01. 1021-01-70	1.000 EACH	_____.	_____.
0940	619.1000 Mobilization	1.000 EACH	_____.	_____.
0950	620.0300 Concrete Median Sloped Nose	490.000 SF	_____.	_____.



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0960	624.0100 Water	300.000 MGAL	_____.	_____.
0970	625.0500 Salvaged Topsoil	81,910.000 SY	_____.	_____.
0980	627.0200 Mulching	43,625.000 SY	_____.	_____.
0990	628.1504 Silt Fence	10,625.000 LF	_____.	_____.
1000	628.1520 Silt Fence Maintenance	10,625.000 LF	_____.	_____.
1010	628.1905 Mobilizations Erosion Control	6.000 EACH	_____.	_____.
1020	628.1910 Mobilizations Emergency Erosion Control	6.000 EACH	_____.	_____.
1030	628.2004 Erosion Mat Class I Type B	21,060.000 SY	_____.	_____.
1040	628.2023 Erosion Mat Class II Type B	18,630.000 SY	_____.	_____.
1050	628.6510 Soil Stabilizer Type B	2.400 ACRE	_____.	_____.
1060	628.7005 Inlet Protection Type A	5.000 EACH	_____.	_____.
1070	628.7010 Inlet Protection Type B	2.000 EACH	_____.	_____.
1080	628.7015 Inlet Protection Type C	27.000 EACH	_____.	_____.
1090	628.7504 Temporary Ditch Checks	504.000 LF	_____.	_____.
1100	628.7555 Culvert Pipe Checks	11.000 EACH	_____.	_____.
1110	628.7560 Tracking Pads	5.000 EACH	_____.	_____.
1120	629.0210 Fertilizer Type B	60.000 CWT	_____.	_____.



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1130	630.0130 Seeding Mixture No. 30	1,477.000 LB	_____.	_____.
1140	630.0200 Seeding Temporary	3,015.000 LB	_____.	_____.
1150	630.0300 Seeding Borrow Pit	400.000 LB	_____.	_____.
1160	633.0100 Delineator Posts Steel	80.000 EACH	_____.	_____.
1170	633.0500 Delineator Reflectors	92.000 EACH	_____.	_____.
1180	633.5200 Markers Culvert End	36.000 EACH	_____.	_____.
1190	634.0614 Posts Wood 4x6-Inch X 14-FT	89.000 EACH	_____.	_____.
1200	634.0616 Posts Wood 4x6-Inch X 16-FT	16.000 EACH	_____.	_____.
1210	634.0618 Posts Wood 4x6-Inch X 18-FT	8.000 EACH	_____.	_____.
1220	634.0816 Posts Tubular Steel 2x2-Inch X 16-FT	5.000 EACH	_____.	_____.
1230	635.0200 Sign Supports Structural Steel HS	1,172.000 LB	_____.	_____.
1240	636.0100 Sign Supports Concrete Masonry	1.800 CY	_____.	_____.
1250	636.0500 Sign Supports Steel Reinforcement	100.000 LB	_____.	_____.
1260	637.2210 Signs Type II Reflective H	803.530 SF	_____.	_____.
1270	637.2215 Signs Type II Reflective H Folding	30.000 SF	_____.	_____.
1280	637.2230 Signs Type II Reflective F	219.380 SF	_____.	_____.
1290	638.2101 Moving Signs Type I	1.000 EACH	_____.	_____.



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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
1300	638.2602 Removing Signs Type II	47.000 EACH	_____.	_____.
1310	638.3000 Removing Small Sign Supports	54.000 EACH	_____.	_____.
1320	638.3100 Removing Structural Steel Sign Supports	1.000 EACH	_____.	_____.
1330	642.5201 Field Office Type C	1.000 EACH	_____.	_____.
1340	643.0100 Traffic Control (project) 01. 1021-01-70	1.000 EACH	_____.	_____.
1350	643.0300 Traffic Control Drums	36,600.000 DAY	_____.	_____.
1360	643.0420 Traffic Control Barricades Type III	1,900.000 DAY	_____.	_____.
1370	643.0705 Traffic Control Warning Lights Type A	2,300.000 DAY	_____.	_____.
1380	643.0715 Traffic Control Warning Lights Type C	3,000.000 DAY	_____.	_____.
1390	643.0800 Traffic Control Arrow Boards	520.000 DAY	_____.	_____.
1400	643.0900 Traffic Control Signs	10,900.000 DAY	_____.	_____.
1410	643.0910 Traffic Control Covering Signs Type I	2.000 EACH	_____.	_____.
1420	643.0920 Traffic Control Covering Signs Type II	4.000 EACH	_____.	_____.
1440	645.0120 Geotextile Type HR	492.000 SY	_____.	_____.
1450	645.0140 Geotextile Type SAS	3,570.000 SY	_____.	_____.
1460	646.0106 Pavement Marking Epoxy 4-Inch	9,858.000 LF	_____.	_____.
1470	646.0126 Pavement Marking Epoxy 8-Inch	2,780.000 LF	_____.	_____.



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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
1480	646.0156 Pavement Marking Epoxy 18-Inch	170.000 LF	_____.	_____.
1490	646.0600 Removing Pavement Markings	1,000.000 LF	_____.	_____.
1500	646.2304.S Pavement Marking Grooved Wet Reflective Epoxy 4-Inch	13,053.000 LF	_____.	_____.
1510	646.2308.S Pavement Marking Grooved Wet Reflective Epoxy 8-Inch	2,077.000 LF	_____.	_____.
1520	647.0456 Pavement Marking Curb Epoxy	40.000 LF	_____.	_____.
1530	647.0606 Pavement Marking Island Nose Epoxy	4.000 EACH	_____.	_____.
1540	647.0656 Pavement Marking Parking Stall Epoxy	1,534.000 LF	_____.	_____.
1550	647.0726 Pavement Marking Diagonal Epoxy 12-Inch	450.000 LF	_____.	_____.
1560	647.0766 Pavement Marking Crosswalk Epoxy 6-Inch	240.000 LF	_____.	_____.
1570	649.0400 Temporary Pavement Marking Removable Tape 4-Inch	1,000.000 LF	_____.	_____.
1580	649.0403 Temporary Pavement Marking Epoxy 4-Inch	1,000.000 LF	_____.	_____.
1590	649.1200 Temporary Pavement Marking Stop Line Removable Tape 18-Inch	60.000 LF	_____.	_____.
1600	650.4000 Construction Staking Storm Sewer	31.000 EACH	_____.	_____.
1610	650.4500 Construction Staking Subgrade	15,294.000 LF	_____.	_____.
1620	650.5000 Construction Staking Base	15,000.000 LF	_____.	_____.



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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
1630	650.5500 Construction Staking Curb Gutter and Curb & Gutter	8,630.000 LF	_____	_____
1640	650.6000 Construction Staking Pipe Culverts	15.000 EACH	_____	_____
1650	650.6500 Construction Staking Structure Layout (structure) 01. B-55-266	LS	LUMP SUM	_____
1660	650.8500 Construction Staking Electrical Installations (project) 01. 1021-01-70	LS	LUMP SUM	_____
1670	650.9910 Construction Staking Supplemental Control (project) 01. 1021-01-70	LS	LUMP SUM	_____
1680	650.9920 Construction Staking Slope Stakes	15,294.000 LF	_____	_____
1690	652.0125 Conduit Rigid Metallic 2-Inch	88.000 LF	_____	_____
1700	652.0225 Conduit Rigid Nonmetallic Schedule 40 2-Inch	5,108.000 LF	_____	_____
1710	652.0235 Conduit Rigid Nonmetallic Schedule 40 3-Inch	1,165.000 LF	_____	_____
1720	653.0140 Pull Boxes Steel 24x42-Inch	25.000 EACH	_____	_____
1730	653.0222 Junction Boxes 18x12x6-Inch	2.000 EACH	_____	_____
1740	654.0106 Concrete Bases Type 6	29.000 EACH	_____	_____
1750	654.0230 Concrete Control Cabinet Bases Type L30	2.000 EACH	_____	_____
1760	655.0610 Electrical Wire Lighting 12 AWG	6,030.000 LF	_____	_____
1770	655.0615 Electrical Wire Lighting 10 AWG	6,546.000 LF	_____	_____



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1780	655.0620 Electrical Wire Lighting 8 AWG	25,130.000 LF	_____.	_____.
1790	656.0200 Electrical Service Meter Breaker Pedestal (location) 01. CB100 263+6'A'	LS	LUMP SUM	_____.
1800	656.0200 Electrical Service Meter Breaker Pedestal (location) 02. CB 200 10+47'PR'	LS	LUMP SUM	_____.
1810	657.0255 Transformer Bases Breakaway 11 1/2-Inch Bolt Circle	29.000 EACH	_____.	_____.
1820	657.0326 Poles Type 6-Steel	3.000 EACH	_____.	_____.
1830	657.0327 Poles Type 6-Aluminum	26.000 EACH	_____.	_____.
1840	657.0614 Luminaire Arms Single Member 4-Inch Clamp 8-FT	2.000 EACH	_____.	_____.
1850	657.0615 Luminaire Arms Single Member 4 1/2-Inch Clamp 8-FT	33.000 EACH	_____.	_____.
1860	659.1115 Luminaires Utility LED A	30.000 EACH	_____.	_____.
1870	659.1120 Luminaires Utility LED B	5.000 EACH	_____.	_____.
1880	659.2130 Lighting Control Cabinets 120/240 30-Inch	2.000 EACH	_____.	_____.
1890	662.1026.S Ramp Closure Gates Hardwired 26-FT	1.000 EACH	_____.	_____.
1900	662.1037.S Ramp Closure Gates Hardwired 37-FT	1.000 EACH	_____.	_____.
1910	662.1040.S Ramp Closure Gates Hardwired 40-FT	1.000 EACH	_____.	_____.
1920	662.3026.S Ramp Closure Gate Arms Stockpile 26-FT	1.000 EACH	_____.	_____.



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1930	662.3037.S Ramp Closure Gate Arms Stockpile 37-FT	1.000 EACH	_____	_____
1940	662.3040.S Ramp Closure Gate Arms Stockpile 40-FT	1.000 EACH	_____	_____
1950	662.4000.S Ramp Closure Gate Flashers Stockpile	3.000 EACH	_____	_____
1960	690.0150 Sawing Asphalt	6,410.000 LF	_____	_____
1970	715.0502 Incentive Strength Concrete Structures	4,908.000 DOL	1.00000	4,908.00
1980	ASP.1T0A On-the-Job Training Apprentice at \$5.00/HR	2,500.000 HRS	5.00000	12,500.00
1990	ASP.1T0G On-the-Job Training Graduate at \$5.00/HR	1,440.000 HRS	5.00000	7,200.00
2000	SPV.0045 Special 01. Portable Changeable Message Sign (PCMS) Cellular Communications	900.000 DAY	_____	_____
2010	SPV.0090 Special 01. Concrete Curb and Gutter Cure and Seal Treatment	8,630.000 LF	_____	_____
2020	SPV.0090 Special 02. Fence Chain Link Polymer-Coated 6-Ft	538.000 LF	_____	_____
2030	SPV.0165 Special 01. Concrete Sidewalk Cure and Seal Treatment	46,925.000 SF	_____	_____
2040	SPV.0165 Special 02. Concrete Median Sloped Nose Cure and Seal Treatment	490.000 SF	_____	_____
2050	SPV.0195 Special 01. HMA Pavement 3-MT 58-28 S 3.0% VA Regression Special	13,045.000 TON	_____	_____
2060	SPV.0195 Special 02. HMA Pavement 4-MT 58-34 H 3.0% VA Regression Special	5,480.000 TON	_____	_____



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2070	520.3512 Culvert Pipe Class III-B 12-Inch	44.000 LF	_____	_____
2080	520.3515 Culvert Pipe Class III-B 15-Inch	120.000 LF	_____	_____
2090	520.3518 Culvert Pipe Class III-B 18-Inch	242.000 LF	_____	_____
2100	520.3524 Culvert Pipe Class III-B 24-Inch	354.000 LF	_____	_____
2110	520.3530 Culvert Pipe Class III-B 30-Inch	32.000 LF	_____	_____
2120	608.3612 Storm Sewer Pipe Class III-B 12-Inch	1,213.000 LF	_____	_____
2130	608.3615 Storm Sewer Pipe Class III-B 15-Inch	52.000 LF	_____	_____
2140	520.1012 Apron Endwalls for Culvert Pipe 12-Inch	16.000 EACH	_____	_____
2150	520.1015 Apron Endwalls for Culvert Pipe 15-Inch	3.000 EACH	_____	_____
2160	520.1018 Apron Endwalls for Culvert Pipe 18-Inch	8.000 EACH	_____	_____
2170	520.1024 Apron Endwalls for Culvert Pipe 24-Inch	10.000 EACH	_____	_____
2180	520.1030 Apron Endwalls for Culvert Pipe 30-Inch	1.000 EACH	_____	_____
2190	SPV.0090 Special 03. Bore and Jack Culvert Pipe Reinforced Concrete Class IV 36-Inch	118.000 LF	_____	_____
Section: 0001			Total:	_____
			Total Bid:	_____