

# VERMONT ELECTRIC POWER COMPANY

## LINE K42 - GEORGIA SUB TO HIGHGATE SUB


### 115KV REBUILD

#### REV B STRUCTURE SHIFTS & POLE QTY MODIFICATIONS

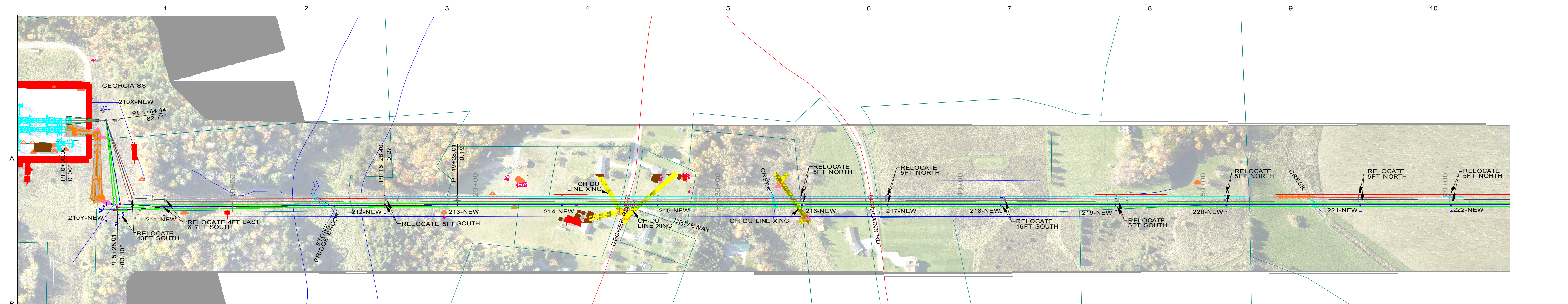
STR 210Y - 31' SOUTH  
 STR 211 - 4' EAST  
 STR 217 - 5' NORTH  
 STR 219 - 5' SOUTH  
 STR 220 - 5' NORTH  
 STR 221 - 5' NORTH  
 STR 222 - 5' NORTH  
 STR 223 - 5' NORTH  
 STR 225 - 5' SOUTH  
 STR 227 - 5' SOUTH  
 STR 229 - 5' NORTH  
 STR 230 - 5' NORTH  
 STR 232 - 5' NORTH  
 STR 248 - CONVERTED 2POLE TO 1POLE  
 STR 255 - CONVERTED 1POLE TO 2POLE  
 STR 261 - 62' NORTH  
 STR 262 - REMOVED  
 STR 264 - 20' SOUTH  
 STR 294 - CONVERTED 1POLE TO 2POLE  
 STR 320 - 3' SOUTH  
 STR 340 - 2POLE CONVERTED TO 1POLE  
 STR 360 - 15' SOUTH  
 STR 361 - 5' SOUTH  
 STR 362 - 5' SOUTH  
 STR 363 - 5' SOUTH  
 STR 365 - 5' SOUTH  
 STR 378 - 30' NORTH; CONVERTED 1POLE TO 2POLE  
 STR 380 - 5' NORTH  
 STR 381 - 5' NORTH  
 STR 382 - 3' SOUTH; CONVERTED 2POLE TO 1POLE  
 STR 387 - 10' NORTH  
 STR 388 - 5' NORTH  
 STR 400 - CONVERTED 1POLE TO 2POLE  
 STR 409 - 5' NORTH  
 STR 410 - 3' SOUTH  
 STR 417 - 3' WEST  
 STR 418 - 5' WEST  
 STR 421 - 9' NORTH

- 115KV CONDUCTOR: TWIN BUNDLED 1272 KCMIL 45/7 ACSR "BITTERN", DISPLAYED AT 266 DEG F, FINAL SAG
- - - - 115KV CONDUCTOR CLEARANCE LINE = 25.1FT (NESC + 5FT) AT 266 DEG F, FINAL SAG
- OPGW: INCAB 0.620IN 144 CT FIBER, DISPLAYED AT -20 DEG F, INITIAL
- 3/8 EHS 7 STRAND, DISPLAYED AT -20 DEG, INITIAL
- ADSS, AFL DNA 32763, DISPLAYED AT 32 DEG F, 0.5IN ICE, FINAL SAG
- - - - ADSS CLEARANCE LINE = 16FT (NESC + 0.5FT) AT 32 DEG F, 0.5IN ICE, FINAL SAG
- EXISTING 115KV CONDUCTOR WITHIN 15FT OF NEW CL: 1272 KCMIL 45/7 ACSR "BITTERN", DISPLAYED AT 212 DEG F, FINAL SAG
- EXISTING ADSS WITHIN 15FT OF NEW CL DISPLAYED AT 32 DEG F, 0.5IN ICE, FINAL SAG

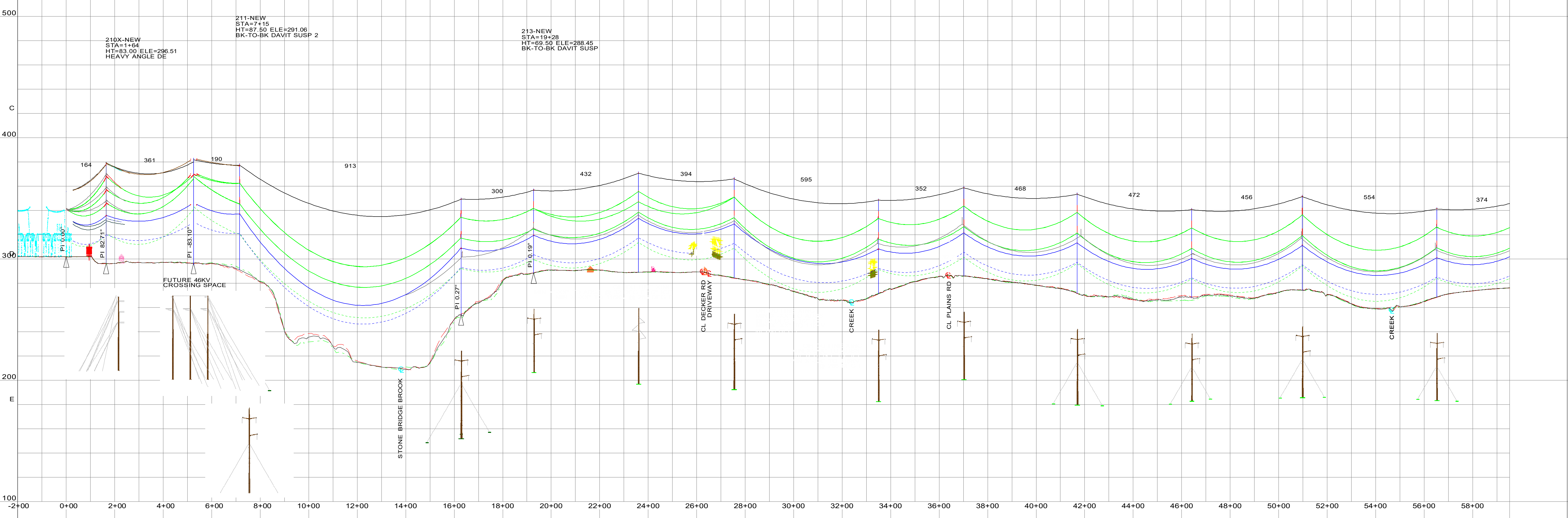
**DRAFT**  
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 TO BE USED FOR CONSTRUCTION OR  
 PROCUREMENT OF MATERIAL

	VERMONT ELECTRIC POWER CO, INC. RUTLAND, VERMONT		
	GEORGIA TO ST. ALBANS TO HIGHGATE		
<b>K42</b>			
<b>115KV TRANSMISSION LINE</b>			
SCALE: AS NOTED	DRAWN BY: GRBW	APPROVED BY	12/22/23
DATE: 5/31/2023	CHECKED BY:		DATE
DRAWING NUMBER:	<b>K42 - P&amp;P SHEET 1/16</b>		B
PLOT: A, 1=65		REV	FILE: F:\A

REV	DATE	DR	CK
B	12/22/23	GRW	REVISED FOR FILING
A	5/31/23	GRW	ISSUED FOR FILING

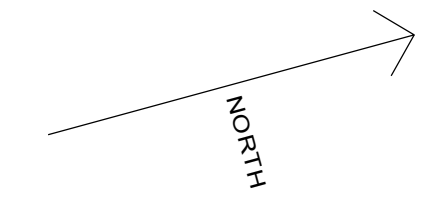
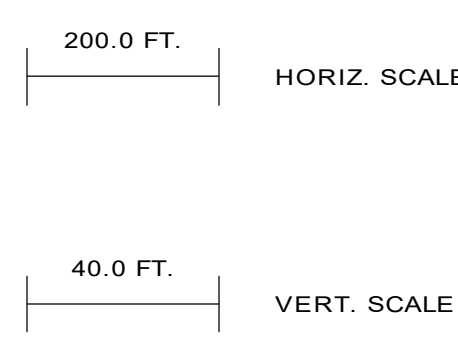


GEORGIA SS STA=0+00 HT=54.00 ELE=301.73 STATION	210Y-NEW STA=5+25 HT=86.66 ELE=296.45 DA	212-NEW STA=16+28 HT=96.50 ELE=253.97 BK-TO-BK DAVIT SUSP 2	214-NEW STA=23+60 HT=83.00 ELE=289.00 DELTA BP	215-NEW STA=27+54 HT=83.00 ELE=284.36 BK-TO-BK DAVIT SUSP	216-NEW STA=33+49 HT=78.50 ELE=271.21 BK-TO-BK DAVIT SUSP	217-NEW STA=37+02 HT=74.00 ELE=285.94 BK-TO-BK DAVIT SUSP	218-NEW STA=41+69 HT=83.00 ELE=271.72 BK-TO-BK DAVIT SUSP	219-NEW STA=46+42 HT=74.00 ELE=267.95 BK-TO-BK DAVIT SUSP	220-NEW STA=50+98 HT=78.50 ELE=274.22 BK-TO-BK DAVIT SUSP 2	221-NEW STA=56+52 HT=74.00 ELE=268.51 BK-TO-BK DAVIT SUSP
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- OPGW, GEORGIA SS - 210X-NEW, 1KV, 566947 INSKY OPGW S 144 ULTRA (3X48) 15.8MM 119KA<sup>2</sup>-S 82KN 1-1439 1050LB.WIR, RULING SPAN 163 (FT), DISPLAYED -20 DEG F INITIAL FE
- OHGW, GEORGIA SS - 210X-NEW, 1KV, 3-8-7 STRAND EHS STEEL 780LB.WIR, RULING SPAN 164 (FT), DISPLAYED -20 DEG F INITIAL FE
- K42-NEW, GEORGIA SS - 210X-NEW, 116KV, BITTERN ACSR 1700LB.WIR, RULING SPAN 163 (FT), 3 PHASES, BUNDLE OF 2, DISPLAYED MOT (HTC-573FT RS) MAX SAG FE
- COMM, GEORGIA SS - 210X-NEW, 1KV, AFL ADSS DNA-30121 AC072AJC621BE4 610LB.WIR, RULING SPAN 165 (FT), DISPLAYED 32 DEG F 1/2" ICE MAX SAG FE
- OPGW, 210X-NEW - 210Y-NEW, 1KV, 566947 INSKY OPGW S 144 ULTRA (3X48) 15.8MM 119KA<sup>2</sup>-S 82KN 1-1439 2175LB.WIR, RULING SPAN 372 (FT), DISPLAYED -20 DEG F INITIAL FE
- K42-NEW, 210X-NEW - 210Y-NEW, 116KV, BITTERN ACSR 3500LB.WIR, RULING SPAN 329 (FT), 3 PHASES, BUNDLE OF 2, DISPLAYED MOT (HTC-573FT RS) MAX SAG FE
- OPGW, 210X-NEW - 210Y-NEW, 1KV, AFL ADSS DNA-30121 AC072AJC621BE4 1950LB.WIR, RULING SPAN 347 (FT), DISPLAYED 32 DEG F 1/2" ICE MAX SAG FE
- OHGW, 210Y-NEW - 211-NEW, 1KV, 3-8-7 STRAND EHS STEEL 1950LB.WIR, RULING SPAN 177 (FT), DISPLAYED -20 DEG F INITIAL FE
- K42-NEW, 210Y-NEW - 228-NEW, 116KV, BITTERN ACSR.WIR, RULING SPAN 527 (FT), 3 PHASES, BUNDLE OF 2, DISPLAYED MOT (HTC-573FT RS) MAX SAG FE
- COMM, 210Y-NEW - 212-NEW, 1KV, AFL ADSS DNA-30121 AC072AJC621BE4 2235LB.WIR, RULING SPAN 837 (FT), DISPLAYED 32 DEG F 1/2" ICE MAX SAG FE
- COMM, 216-NEW - 223-NEW, 1KV, AFL ADSS DNA-30121 AC072AJC621BE4 2200LB.WIR, RULING SPAN 467 (FT), DISPLAYED 32 DEG F 1/2" ICE MAX SAG FE



NOTE: HEIGHT AND ELEVATION DATA FROM ALIGNMENT CENTERLINE, NOT POLE LOCATION.

REV	DATE	DR	CK
B	12/22/23	GRW	REVISED FOR FILING
A	5/31/23	GRW	ISSUED FOR FILING

VERMONT ELECTRIC POWER CO., INC.  
RUTLAND, VERMONT  
GEORGIA TO ST. ALBANS TO HIGHGATE

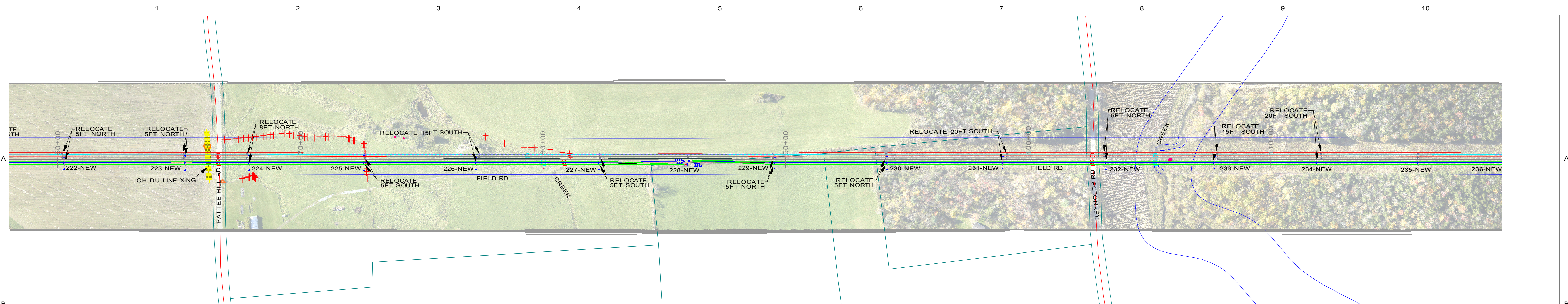
**K42**  
**115KV TRANSMISSION LINE**

SCALE: AS NOTED DRAWN BY: GRBW APPROVED BY: 12/22/23

DATE: 5/31/2023 CHECKED BY: DATE: B

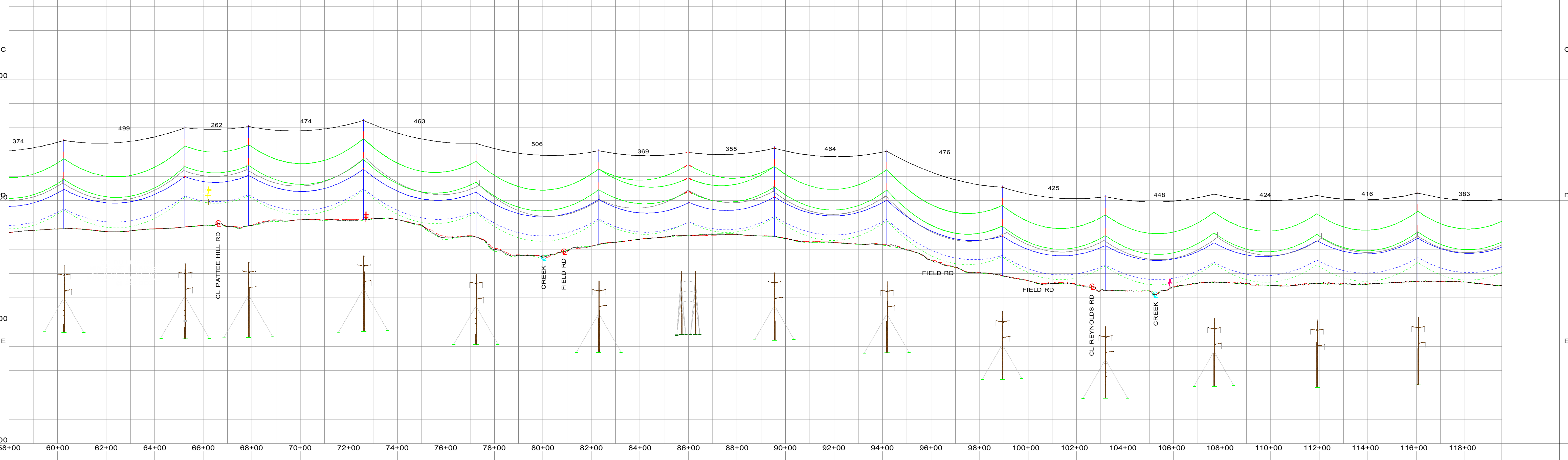
DRAWING NUMBER: **K42 - P&P SHEET 2/16** REV

PLOT: A, 1=65



222-NEW STA=60+25 HT=74.00 ELE=276.79 BK-TO-BK DAVIT SUSP	223-NEW STA=65+25 HT=83.00 ELE=278.25 BK-TO-BK DAVIT SUSP	225-NEW STA=72+61 HT=83.00 ELE=284.28 BK-TO-BK DAVIT SUSP 2	226-NEW STA=77+24 HT=78.50 ELE=269.97 BK-TO-BK DAVIT SUSP	227-NEW STA=82+30 HT=78.50 ELE=263.86 BK-TO-BK DAVIT SUSP	228-NEW STA=85+99 HT=68.89 ELE=271.54 2-POLE IN-LINE DE	230-NEW STA=94+18 HT=78.50 ELE=263.42 BK-TO-BK DAVIT SUSP 2	231-NEW STA=98+94 HT=74.00 ELE=238.29 BK-TO-BK DAVIT SUSP	232-NEW STA=103+19 HT=78.50 ELE=225.98 BK-TO-BK DAVIT SUSP	233-NEW STA=107+66 HT=74.00 ELE=232.65 BK-TO-BK DAVIT SUSP	234-NEW STA=111+90 HT=74.00 ELE=231.45 BK-TO-BK DAVIT SUSP	235-NEW STA=116+07 HT=74.00 ELE=233.50 BK-TO-BK DAVIT SUSP
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224-NEW STA=67+87 HT=83.00 ELE=279.23 BK-TO-BK DAVIT SUSP	229-NEW STA=89+54 HT=74.00 ELE=270.44 BK-TO-BK DAVIT SUSP	236-NEW STA=119+90 HT=74.00 ELE=229.21 BK-TO-BK DAVIT SUSP
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200.0 FT. HORIZ. SCALE

40.0 FT. VERT. SCALE

NORTH

OPGW, 210Y-NEW - 228-NEW, 1KV, 566947 INSKY OPGW S 144 ULTRA (3X48) 15.8MM 119KA <sup>2</sup> -S 82KN 1-1439_3950LB.WIR, RULING SPAN 527 (FT), DISPLAYED -20 DEG F INITIAL FE
K42-NEW, 210Y-NEW - 228-NEW, 116KV, BITTERN_ACSR.WIR, RULING SPAN 527 (FT), 3 PHASES, BUNDLE OF 2, DISPLAYED MOT (HTC-573FT RS) MAX SAG FE
COMM, 216-NEW - 223-NEW, 1KV, AFL ADSS DNA-30121 AC072AJC621BE4 2200LB.WIR, RULING SPAN 467 (FT), DISPLAYED 32 DEG F 1/2" ICE MAX SAG FE
COMM, 223-NEW - 228-NEW, 1KV, AFL ADSS DNA-30121 AC072AJC621BE4 2100LB.WIR, RULING SPAN 441 (FT), DISPLAYED 32 DEG F 1/2" ICE MAX SAG FE
OPGW, 228-NEW - 255-NEW, 1KV, 566947 INSKY OPGW S 144 ULTRA (3X48) 15.8MM 119KA <sup>2</sup> -S 82KN 1-1439_3625LB.WIR, RULING SPAN 423 (FT), DISPLAYED -20 DEG F INITIAL FE
K42-NEW, 228-NEW - 255-NEW, 116KV, BITTERN_ACSR.WIR, RULING SPAN 423 (FT), 3 PHASES, BUNDLE OF 2, DISPLAYED MOT (HTC-573FT RS) MAX SAG FE
COMM, 228-NEW - 241-NEW, 1KV, AFL ADSS DNA-30121 AC072AJC621BE4 2125LB.WIR, RULING SPAN 422 (FT), DISPLAYED 32 DEG F 1/2" ICE MAX SAG FE

**VERMONT ELECTRIC POWER CO., INC.**  
RUTLAND, VERMONT  
GEORGIA TO ST. ALBANS TO HIGHGATE

**K42**  
**115KV TRANSMISSION LINE**

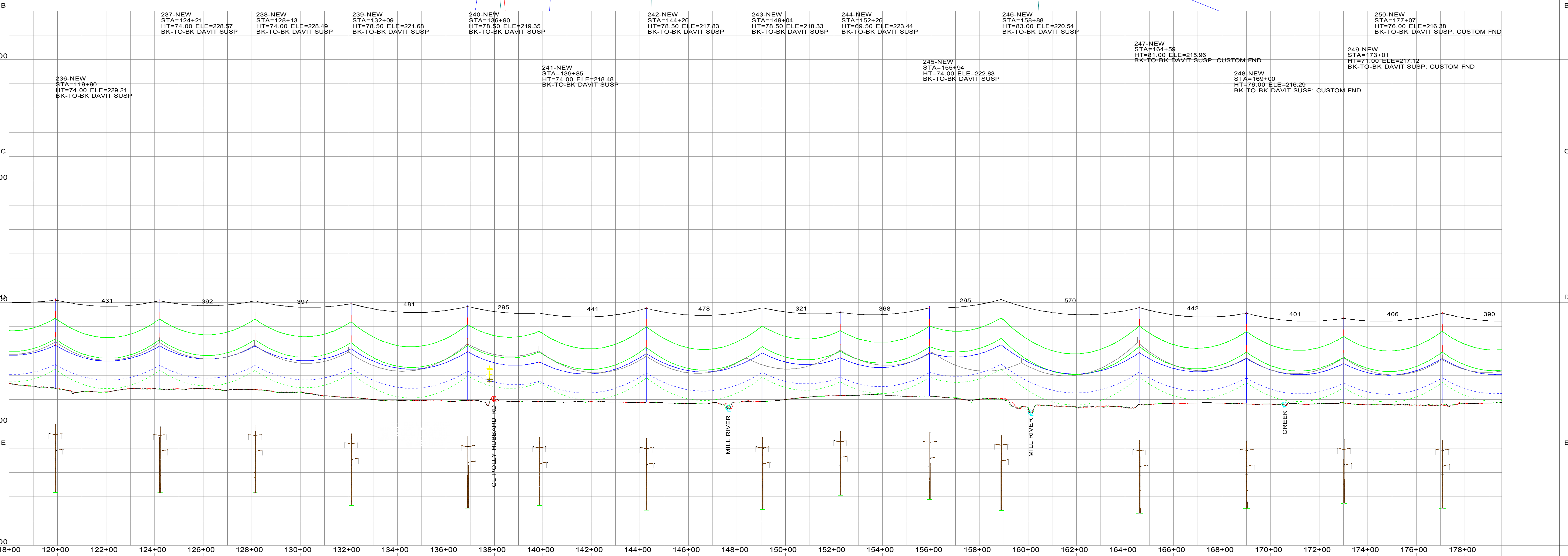
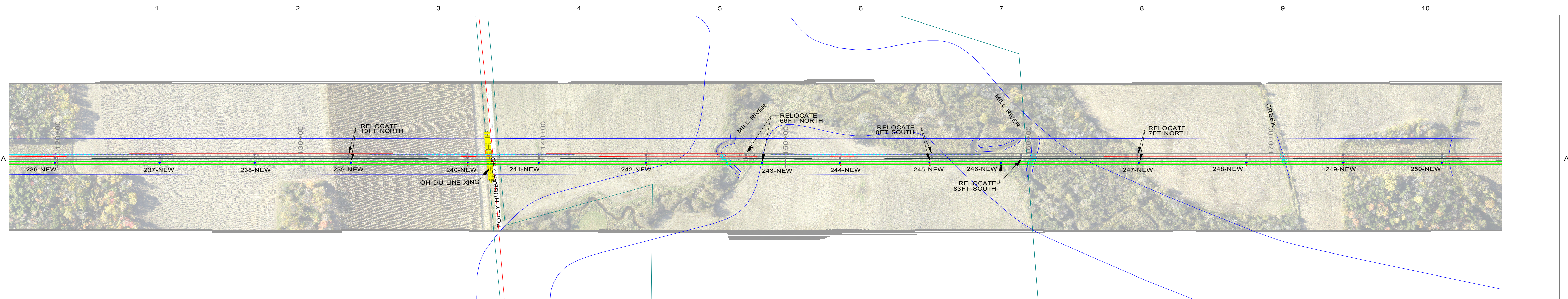
SCALE: AS NOTED DRAWN BY: GRBW APPROVED BY: 12/22/23

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PLOT: A, 1=65 REV

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REV	DATE	DR	CK



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40.0 FT. VERT. SCALE

NORTH

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OPGW, 228-NEW - 255-NEW, 1KV, 566947 INSKY OPGW S 144 ULTRA (3X48) 15.8MM 119KA<sup>2</sup>S 82KN 1-1439 3625LB.WIR, RULING SPAN 423 (FT), DISPLAYED -20 DEG F INITIAL FE

K42-NEW, 228-NEW - 255-NEW, 116KV, BITTERN, ACSR WIR, RULING SPAN 423 (FT), 3 PHASES, BUNDLE OF 2, DISPLAYED MOT (HTC-573FT RS) MAX SAG FE

COMM, 228-NEW - 241-NEW, 1KV, AFL ADSS DNA-30121 AC072AJC621BE4 2125LB.WIR, RULING SPAN 422 (FT), DISPLAYED 32 DEG F 1/2" ICE MAX SAG FE

COMM, 241-NEW - 255-NEW, 1KV, AFL ADSS DNA-30121 AC072AJC621BE4 2100LB.WIR, RULING SPAN 425 (FT), DISPLAYED 32 DEG F 1/2" ICE MAX SAG FE

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PLOT: A, 1=65

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RUTLAND, VERMONT  
GEORGIA TO ST. ALBANS TO HIGHGATE

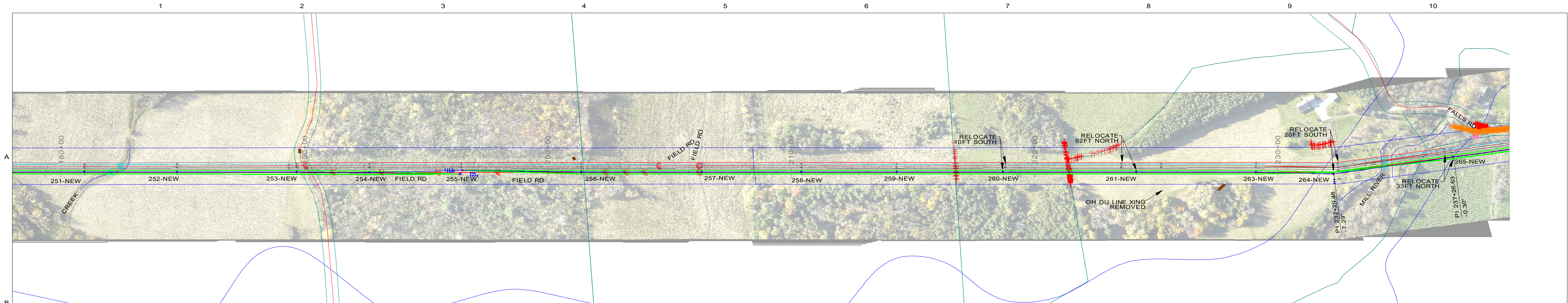
K42  
115KV TRANSMISSION LINE

APPROVED BY: \_\_\_\_\_

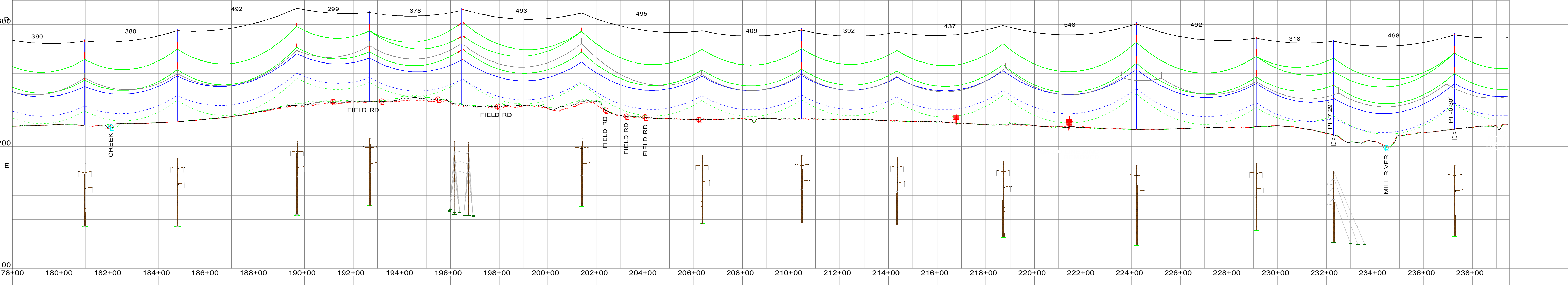
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DATE: 12/22/23

B  
REV



251-NEW STA=180+96 HT=71.00 ELE=216.71 BK-TO-BK DAVIT SUSP: CUSTOM FND	252-NEW STA=184+77 HT=76.00 ELE=220.23 BK-TO-BK DAVIT SUSP: CUSTOM FND	253-NEW STA=189+69 HT=81.00 ELE=233.62 BK-TO-BK DAVIT SUSP: CUSTOM FND	254-NEW STA=192+68 HT=74.18 ELE=236.93 OFFSET ADJUST=2.00 BK-TO-BK DAVIT SUSP	255-NEW STA=196+46 HT=79.48 ELE=233.77 2-POLE IN-LINE DE	256-NEW STA=201+39 HT=74.00 ELE=236.68 BK-TO-BK DAVIT SUSP 2	257-NEW STA=206+34 HT=74.00 ELE=222.07 BK-TO-BK DAVIT SUSP	258-NEW STA=210+43 HT=74.00 ELE=222.69 BK-TO-BK DAVIT SUSP	259-NEW STA=214+35 HT=74.00 ELE=221.14 BK-TO-BK DAVIT SUSP	260-NEW STA=218+71 HT=83.00 ELE=217.52 BK-TO-BK DAVIT SUSP	261-NEW STA=224+20 HT=87.50 ELE=214.26 BK-TO-BK DAVIT SUSP 2	263-NEW STA=229+12 HT=74.00 ELE=216.18 BK-TO-BK DAVIT SUSP	264-NEW STA=232+29 HT=77.79 ELE=209.59 OFFSET ADJUST=7.50 SMALL RA SP	265-NEW STA=237+27 HT=78.50 ELE=214.53 BK-TO-BK DAVIT SUSP
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OPGW, 228-NEW - 255-NEW, 1KV, 566947 INSKY OPGW S 144 ULTRA (3X48) 15.8MM 119KA <sup>2</sup> S 82KN 1-1439 3625LB.WIR, RULING SPAN 423 (FT), DISPLAYED -20 DEG F INITIAL FE	K42-NEW, 228-NEW - 255-NEW, 116KV, BITTERN, ACSR WIR, RULING SPAN 423 (FT), 3 PHASES, BUNDLE OF 2, DISPLAYED MOT (HTC-573FT RS) MAX SAG FE	COMM, 251-NEW - 255-NEW, 1KV, AFL ADSS DNA-30121 AC072AJC621BE4 2100LB.WIR, RULING SPAN 425 (FT), DISPLAYED 32 DEG F 1/2" ICE MAX SAG FE	OPGW, 255-NEW - 270-NEW, 1KV, 566947 INSKY OPGW S 144 ULTRA (3X48) 15.8MM 119KA <sup>2</sup> S 82KN 1-1439 3725LB.WIR, RULING SPAN 480 (FT), DISPLAYED -20 DEG F INITIAL FE	K42-NEW, 255-NEW - 270-NEW, 116KV, BITTERN, ACSR WIR, RULING SPAN 480 (FT), 3 PHASES, BUNDLE OF 2, DISPLAYED MOT (HTC-573FT RS) MAX SAG FE	COMM, 255-NEW - 264-NEW, 1KV, AFL ADSS DNA-30121 AC072AJC621BE4 2100LB.WIR, RULING SPAN 462 (FT), DISPLAYED 32 DEG F 1/2" ICE MAX SAG FE	COMM, 264-NEW - 265-NEW, 1KV, AFL ADSS DNA-30121 AC072AJC621BE4 2050LB.WIR, RULING SPAN 498 (FT), DISPLAYED 32 DEG F 1/2" ICE MAX SAG FE	COMM, 265-NEW - 266-NEW, 1KV, AFL ADSS DNA-30121 AC072AJC621BE4 2100LB.WIR, RULING SPAN 437 (FT), DISPLAYED 32 DEG F 1/2" ICE MAX SAG FE
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200.0 FT. HORIZ. SCALE

40.0 FT. VERT. SCALE

NORTH

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A	5/31/23	GRW	
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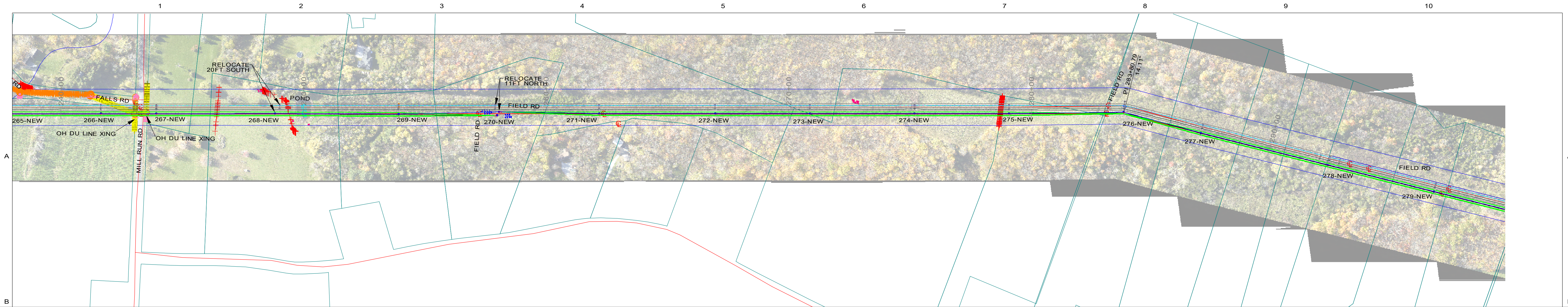
**VERMONT ELECTRIC POWER CO., INC.**  
 RUTLAND, VERMONT  
 GEORGIA TO ST. ALBANS TO HIGHGATE

**K42**  
**115KV TRANSMISSION LINE**

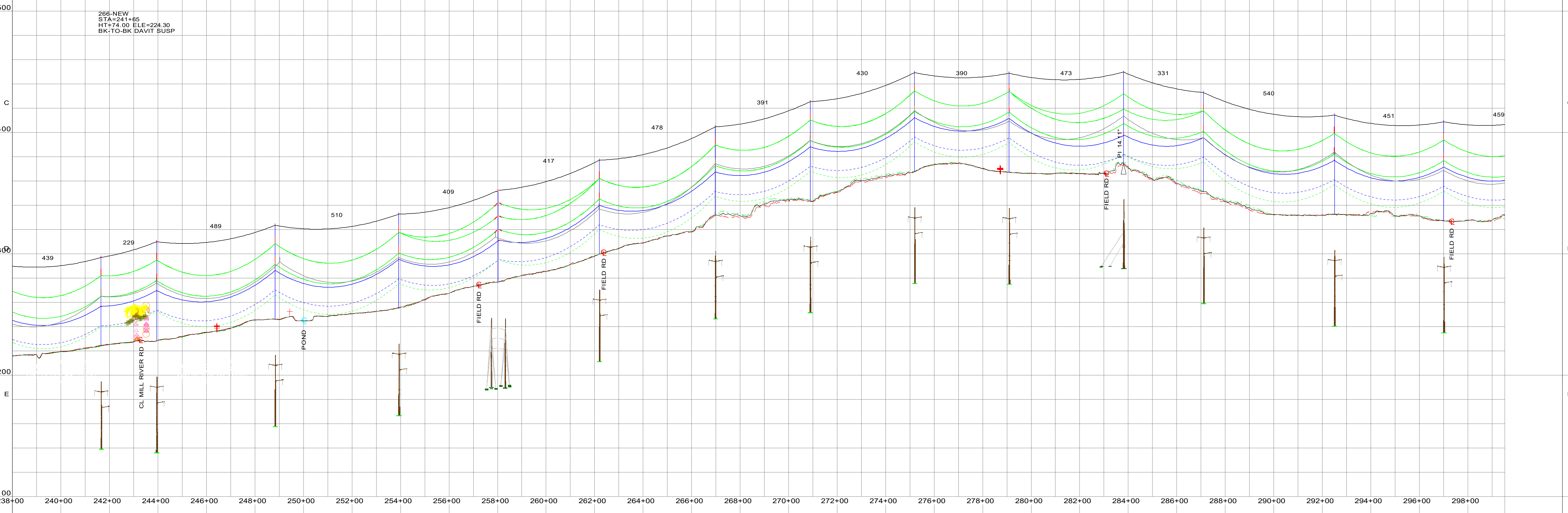
SCALE: AS NOTED DRAWN BY: GRBW APPROVED BY: 12/22/23

DATE: 5/31/2023 CHECKED BY: DATE: 12/22/23

DRAWING NUMBER: B  
 PLOT: A, 1=65 **K42 - P&P SHEET 5/16** REV



265-NEW STA=243+94 HT=83.00 ELE=228.18 BK-TO-BK DAVIT SUSP	266-NEW STA=248+83 HT=78.50 ELE=246.22 BK-TO-BK DAVIT SUSP	267-NEW STA=253+93 HT=78.55 ELE=255.39 OFFSET ADJUST=2.00 BK-TO-BK DAVIT SUSP	268-NEW STA=258+02 HT=76.43 ELE=276.74 2-POLE IN-LINE DE	269-NEW STA=262+20 HT=78.50 ELE=299.94 BK-TO-BK DAVIT SUSP	270-NEW STA=266+98 HT=74.00 ELE=331.89 BK-TO-BK DAVIT SUSP	271-NEW STA=270+89 HT=83.00 ELE=343.65 BK-TO-BK DAVIT SUSP	272-NEW STA=275+19 HT=83.00 ELE=367.66 BK-TO-BK DAVIT SUSP	273-NEW STA=279+09 HT=83.00 ELE=367.14 BK-TO-BK DAVIT SUSP	274-NEW STA=283+81 HT=76.29 ELE=374.51 OFFSET ADJUST=-6.50 MED. RA SUSP	275-NEW STA=287+11 HT=83.00 ELE=351.18 BK-TO-BK DAVIT SUSP	276-NEW STA=292+50 HT=83.00 ELE=332.54 BK-TO-BK DAVIT SUSP	277-NEW STA=297+01 HT=83.00 ELE=327.08 BK-TO-BK DAVIT SUSP
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200.0 FT. HORIZ. SCALE

40.0 FT. VERT. SCALE

- OPGW, 255-NEW - 270-NEW, 1KV, 566947 INSKY OPGW S 144 ULTRA (3X48) 15.8MM 119KA<sup>2</sup>-S 82KN 1-1439 3725LB.WIR, RULING SPAN 460 (FT), DISPLAYED -20 DEG F INITIAL FE
- K42-NEW, 255-NEW - 270-NEW, 116KV, BITTERN, ACSR.WIR, RULING SPAN 460 (FT), 3 PHASES, BUNDLE OF 2, DISPLAYED MOT (HTC-573FT RS) MAX SAG FE
- COMM, 265-NEW - 266-NEW, 1KV, AFL ADSS DNA-30121 AC072AJC621BE4 2100LB.WIR, RULING SPAN 437 (FT), DISPLAYED 32 DEG F 1/2" ICE MAX SAG FE
- COMM, 266-NEW - 267-NEW, 1KV, AFL ADSS DNA-30121 AC072AJC621BE4 2100LB.WIR, RULING SPAN 226 (FT), DISPLAYED 32 DEG F 1/2" ICE MAX SAG FE
- COMM, 267-NEW - 270-NEW, 1KV, AFL ADSS DNA-30121 AC072AJC621BE4 2100LB.WIR, RULING SPAN 475 (FT), DISPLAYED 32 DEG F 1/2" ICE MAX SAG FE
- OPGW, 270-NEW - 292-NEW, 1KV, 566947 INSKY OPGW S 144 ULTRA (3X48) 15.8MM 119KA<sup>2</sup>-S 82KN 1-1439 3675LB.WIR, RULING SPAN 445 (FT), DISPLAYED -20 DEG F INITIAL FE
- K42-NEW, 270-NEW - 292-NEW, 116KV, BITTERN, ACSR.WIR, RULING SPAN 445 (FT), 3 PHASES, BUNDLE OF 2, DISPLAYED MOT (HTC-573FT RS) MAX SAG FE
- COMM, 270-NEW - 276-NEW, 1KV, AFL ADSS DNA-30121 AC072AJC621BE4 2100LB.WIR, RULING SPAN 433 (FT), DISPLAYED 32 DEG F 1/2" ICE MAX SAG FE
- COMM, 276-NEW - 282-NEW, 1KV, AFL ADSS DNA-30121 AC072AJC621BE4 2100LB.WIR, RULING SPAN 456 (FT), DISPLAYED 32 DEG F 1/2" ICE MAX SAG FE

VERMONT ELECTRIC POWER CO., INC.  
RUTLAND, VERMONT  
GEORGIA TO ST. ALBANS TO HIGHGATE

**K42**  
**115KV TRANSMISSION LINE**

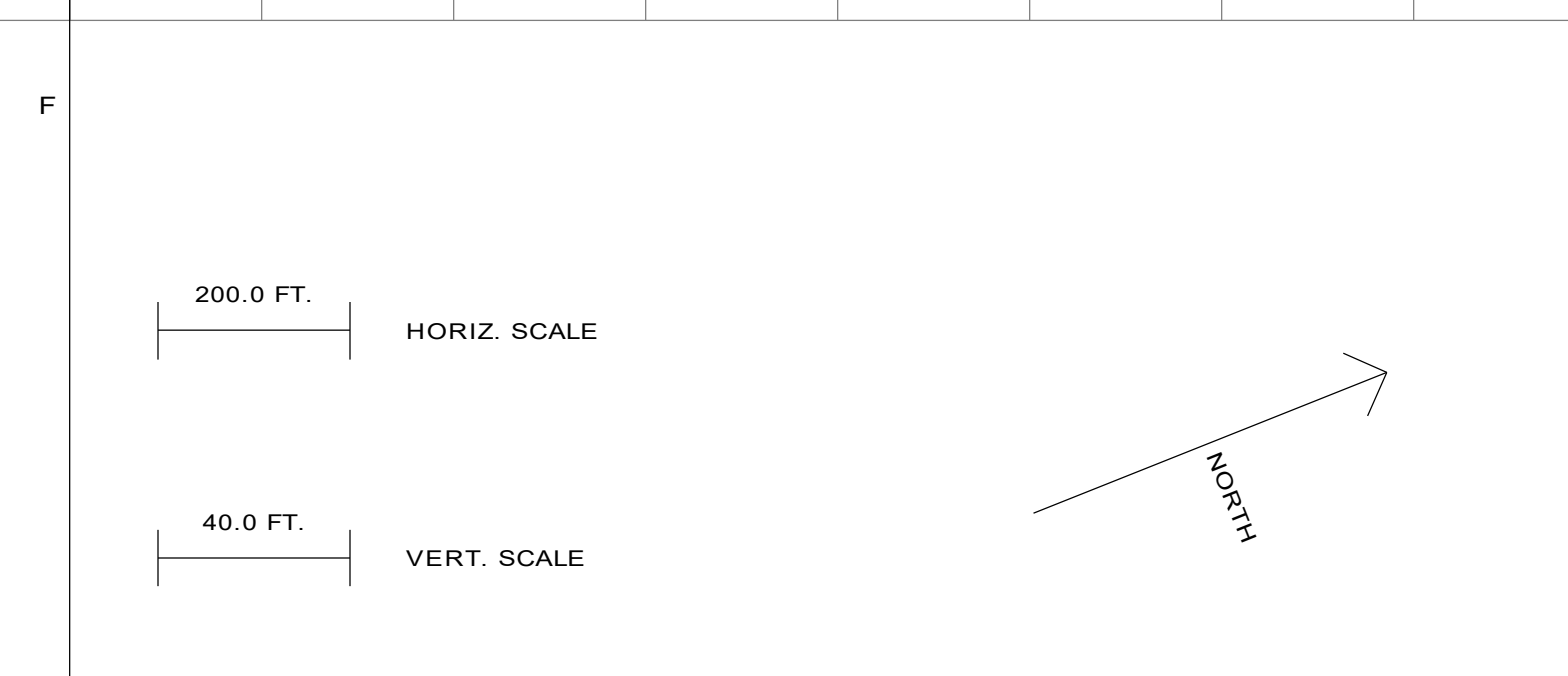
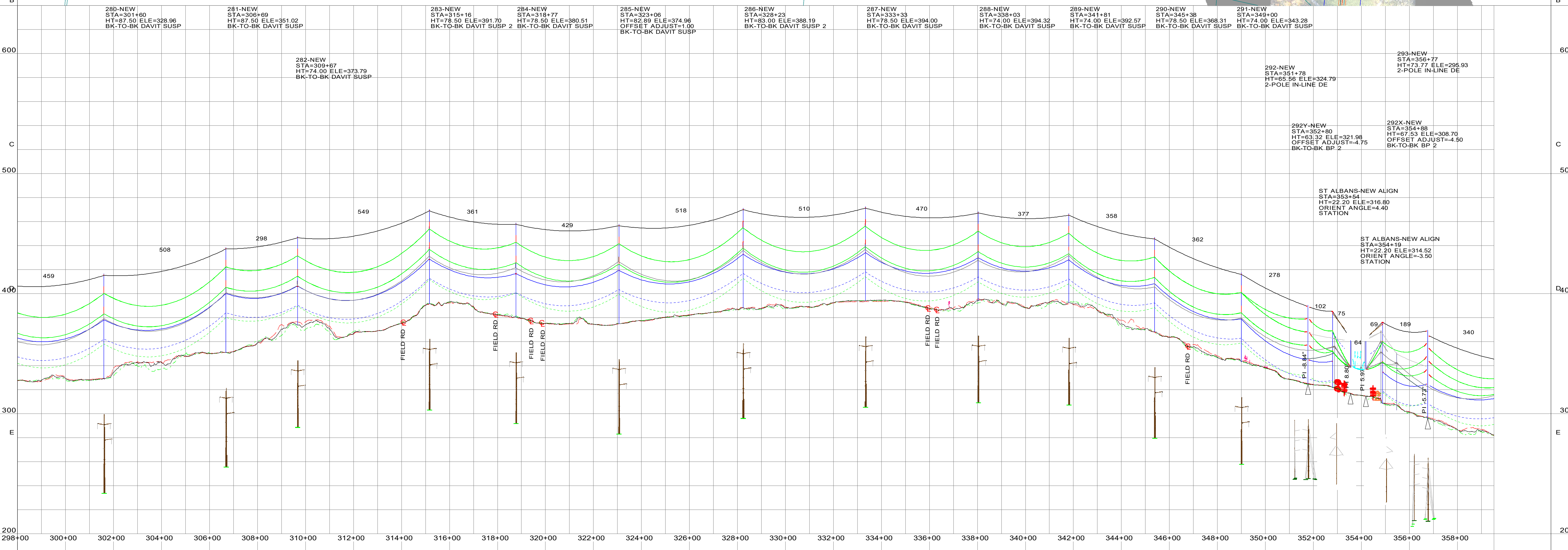
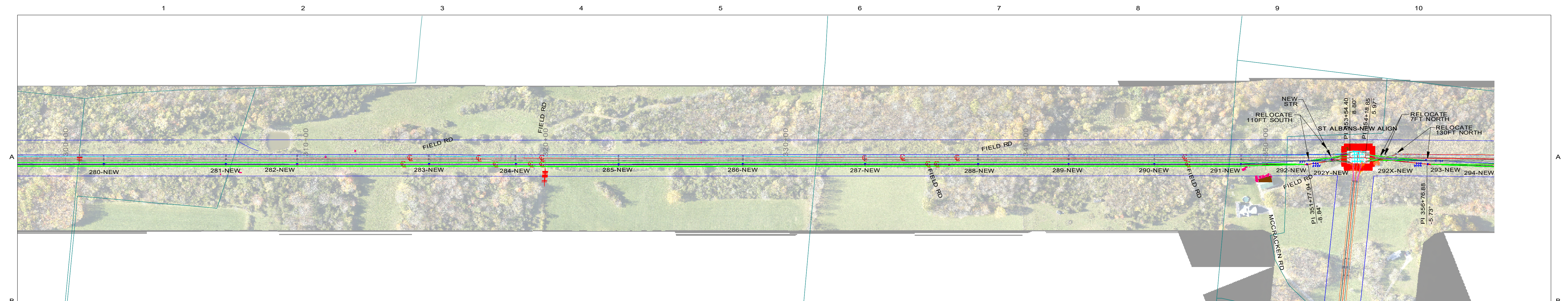
SCALE: AS NOTED DRAWN BY: GRBW APPROVED BY: [Signature]

DATE: 5/31/2023 CHECKED BY: [Signature] DATE: 12/22/23

DRAWING NUMBER: [Blank] B

PLOT: A, 1=65 **K42 - P&P SHEET 6/16** REV

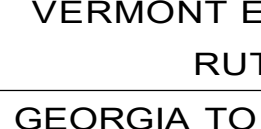
REV	DATE	DR	CK
B	12/22/23	GRW	
A	5/31/23	GRW	



**DRAFT**  
**PRELIMINARY - FOR FILING PURPOSES ONLY**  
**THIS DRAWING IS PRELIMINARY AND NOT**  
**TO BE USED FOR CONSTRUCTION OR**  
**PROCUREMENT OF MATERIAL**

NOTE: HEIGHT AND ELEVATION DATA FROM ALIGNMENT CENTERLINE, NOT POLE LOCATION.

OPGW, 270-NEW - 292-NEW, 1KV, 566947 INSKY OPGW S 144 ULTRA (3X48) 15.8MM 119KA <sup>2</sup> S 82KN 1-1439 3675LB.WIR, RULING SPAN 445 (FT), DISPLAYED -20 DEG F INITIAL FE
K42-NEW, 270-NEW - 292-NEW, 116KV, BITTERN ACSR WIR, RULING SPAN 445 (FT), 3 PHASES, BUNDLE OF 2, DISPLAYED MOT (HTC-573FT RS) MAX SAG FE
COMM, 276-NEW - 282-NEW, 1KV, AFL ADSS DNA-30121 AC072AJC621BE4 2100LB.WIR, RULING SPAN 456 (FT), DISPLAYED 32 DEG F 1/2" ICE MAX SAG FE
COMM, 282-NEW - 283-NEW, 1KV, AFL ADSS DNA-30121 AC072AJC621BE4 2100LB.WIR, RULING SPAN 567 (FT), DISPLAYED 32 DEG F 1/2" ICE MAX SAG FE
COMM, 283-NEW - 284-NEW, 1KV, AFL ADSS DNA-30121 AC072AJC621BE4 2100LB.WIR, RULING SPAN 359 (FT), DISPLAYED 32 DEG F 1/2" ICE MAX SAG FE
COMM, 284-NEW - 292-NEW, 1KV, AFL ADSS DNA-30121 AC072AJC621BE4 2100LB.WIR, RULING SPAN 434 (FT), DISPLAYED 32 DEG F 1/2" ICE MAX SAG FE
OPGW, 292-NEW - 292Y-NEW, 1KV, 566947 INSKY OPGW S 144 ULTRA (3X48) 15.8MM 119KA <sup>2</sup> S 82KN 1-1439 1150LB.WIR, RULING SPAN 96 (FT), DISPLAYED -20 DEG F INITIAL FE
K42-NEW, 292-NEW - ST ALBANS-NEW ALIGN, 116KV, BITTERN ACSR 2600LB.WIR, RULING SPAN 86 (FT), 3 PHASES, BUNDLE OF 2, DISPLAYED MOT (HTC-573FT RS) MAX SAG FE
COMM, 292-NEW - 292Y-NEW, 1KV, AFL ADSS DNA-30121 AC072AJC621BE4 900LB.WIR, RULING SPAN 96 (FT), DISPLAYED 32 DEG F 1/2" ICE MAX SAG FE
OPGW, 292Y-NEW - ST ALBANS-NEW ALIGN, 1KV, 566947 INSKY OPGW S 144 ULTRA (3X48) 15.8MM 119KA <sup>2</sup> S 82KN 1-1439 1500LB.WIR, RULING SPAN 81 (FT), DISPLAYED -20 DEG F INITIAL FE
OPGW, 292Y-NEW - ST ALBANS-NEW ALIGN, 1KV, 3 8-7 STRAND EHS STEEL 1100LB.WIR, RULING SPAN 91 (FT), DISPLAYED -20 DEG F INITIAL FE
OPGW, ST ALBANS-NEW ALIGN - 292X-NEW, 1KV, 566947 INSKY OPGW S 144 ULTRA (3X48) 15.8MM 119KA <sup>2</sup> S 82KN 1-1439 1800LB.WIR, RULING SPAN 84 (FT), DISPLAYED -20 DEG F INITIAL FE
OPGW, ST ALBANS-NEW ALIGN - 292X-NEW, 1KV, 3 9-7 STRAND EHS STEEL 1300LB.WIR, RULING SPAN 94 (FT), DISPLAYED -20 DEG F INITIAL FE
K42-NEW, ST ALBANS-NEW ALIGN - 293-NEW, 116KV, BITTERN ACSR 2600LB.WIR, RULING SPAN 160 (FT), 3 PHASES, BUNDLE OF 2, DISPLAYED MOT (HTC-573FT RS) MAX SAG FE
OPGW, 292X-NEW - 293-NEW, 1KV, 566947 INSKY OPGW S 144 ULTRA (3X48) 15.8MM 119KA <sup>2</sup> S 82KN 1-1439 1350LB.WIR, RULING SPAN 183 (FT), DISPLAYED -20 DEG F INITIAL FE
COMM, 292X-NEW - 293-NEW, 1KV, AFL ADSS DNA-30121 AC072AJC621BE4 900LB.WIR, RULING SPAN 184 (FT), DISPLAYED 32 DEG F 1/2" ICE MAX SAG FE
OPGW, 293-NEW - 315-NEW, 1KV, 566947 INSKY OPGW S 144 ULTRA (3X48) 15.8MM 119KA <sup>2</sup> S 82KN 1-1439 3550LB.WIR, RULING SPAN 400 (FT), DISPLAYED -20 DEG F INITIAL FE
K42-NEW, 293-NEW - 294-NEW, 116KV, BITTERN ACSR WIR, RULING SPAN 334 (FT), 3 PHASES, BUNDLE OF 2, DISPLAYED MOT (HTC-573FT RS) MAX SAG FE
COMM, 293-NEW - 296-NEW, 1KV, AFL ADSS DNA-30121 AC072AJC621BE4 2100LB.WIR, RULING SPAN 390 (FT), DISPLAYED 32 DEG F 1/2" ICE MAX SAG FE

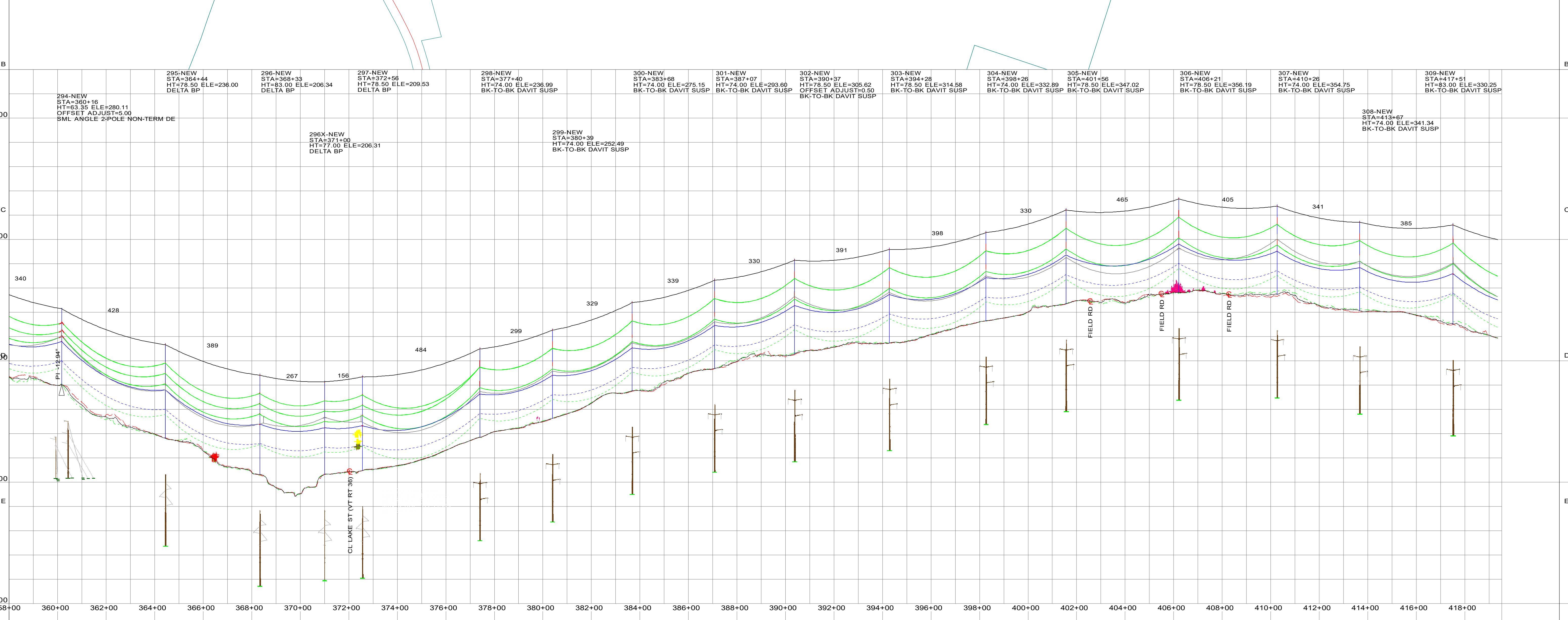
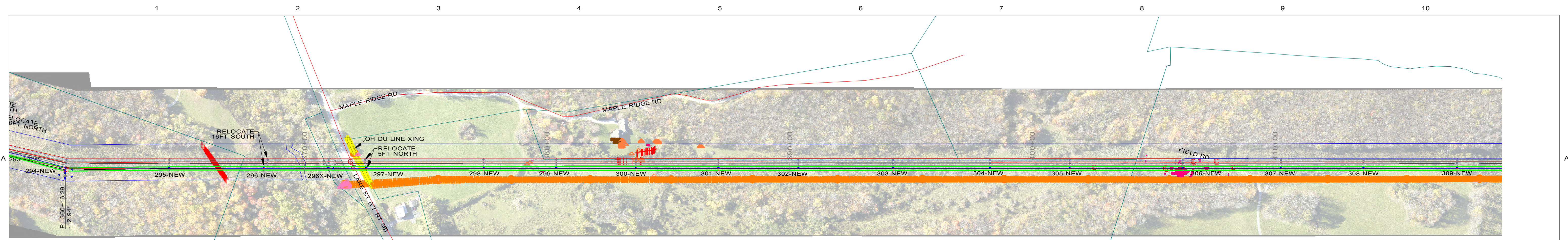


**VERMONT ELECTRIC POWER CO., INC.**  
 RUTLAND, VERMONT  
 GEORGIA TO ST. ALBANS TO HIGHGATE

**K42**  
**115KV TRANSMISSION LINE**

SCALE: AS NOTED DRAWN BY: GRBW	APPROVED BY: [Signature]	12/22/23
DATE: 5/31/2023	CHECKED BY:	DATE
DRAWING NUMBER: K42 - P&P SHEET 7/16		B
PLOT: A, 1=65		REV

B	12/22/23	GRW	REVISED FOR FILING
A	5/31/23	GRW	ISSUED FOR FILING
REV	DATE	DR	CK



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NOTE: HEIGHT AND ELEVATION DATA FROM ALIGNMENT CENTERLINE, NOT POLE LOCATION.

- OPGW, 293-NEW - 315-NEW, 1KV, 566947 INSKY OPGW S 144 ULTRA (3X48) 15.8MM 119KA<sup>2</sup>-S 82KN 1-1439 3550LB.WIR, RULING SPAN 400 (FT), DISPLAYED -20 DEG F INITIAL FE
- K42-NEW, 293-NEW - 294-NEW, 116KV, BITTERN, ACSR.WIR, RULING SPAN 334 (FT), 3 PHASES, BUNDLE OF 2, DISPLAYED MOT (HTC-573FT RS) MAX SAG FE
- COMM, 293-NEW - 296-NEW, 1KV, AFL ADSS DNA-30121 AC072AJC621BE4 2100LB.WIR, RULING SPAN 390 (FT), DISPLAYED 32 DEG F 1/2" ICE MAX SAG FE
- K42-NEW, 294-NEW - 315-NEW, 116KV, BITTERN, ACSR.WIR, RULING SPAN 402 (FT), 3 PHASES, BUNDLE OF 2, DISPLAYED MOT (HTC-573FT RS) MAX SAG FE
- COMM, 296-NEW - 297-NEW, 1KV, AFL ADSS DNA-30121 AC072AJC621BE4 2100LB.WIR, RULING SPAN 231 (FT), DISPLAYED 32 DEG F 1/2" ICE MAX SAG FE
- COMM, 297-NEW - 309-NEW, 1KV, AFL ADSS DNA-30121 AC072AJC621BE4 2200LB.WIR, RULING SPAN 388 (FT), DISPLAYED 32 DEG F 1/2" ICE MAX SAG FE
- COMM, 309-NEW - 315-NEW, 1KV, AFL ADSS DNA-30121 AC072AJC621BE4 2100LB.WIR, RULING SPAN 448 (FT), DISPLAYED 32 DEG F 1/2" ICE MAX SAG FE

VERMONT ELECTRIC POWER CO., INC.	
RUTLAND, VERMONT	
GEORGIA TO ST. ALBANS TO HIGHGATE	
<b>K42</b>	
<b>115KV TRANSMISSION LINE</b>	
SCALE: AS NOTED	DRAWN BY: GRBW
DATE: 5/31/2023	CHECKED BY:
DRAWING NUMBER:	APPROVED BY
PLOT: A, 1=65	DATE: 12/22/23
	DATE:
	REV

200.0 FT. HORIZ. SCALE

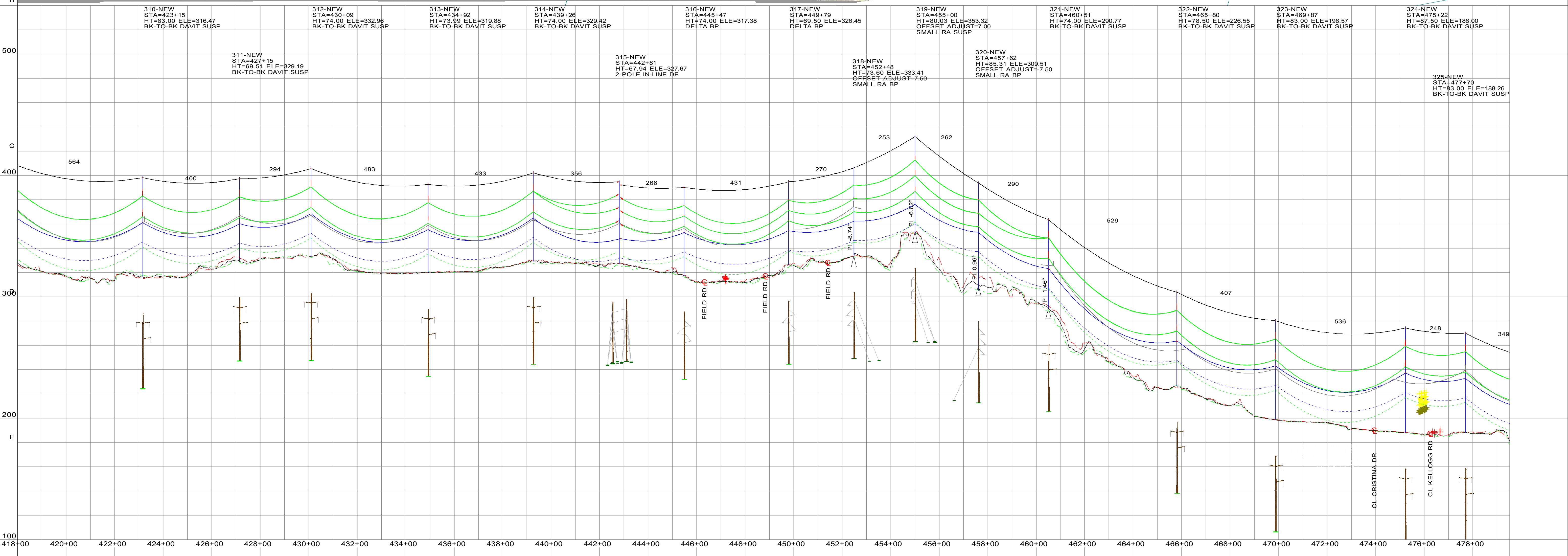
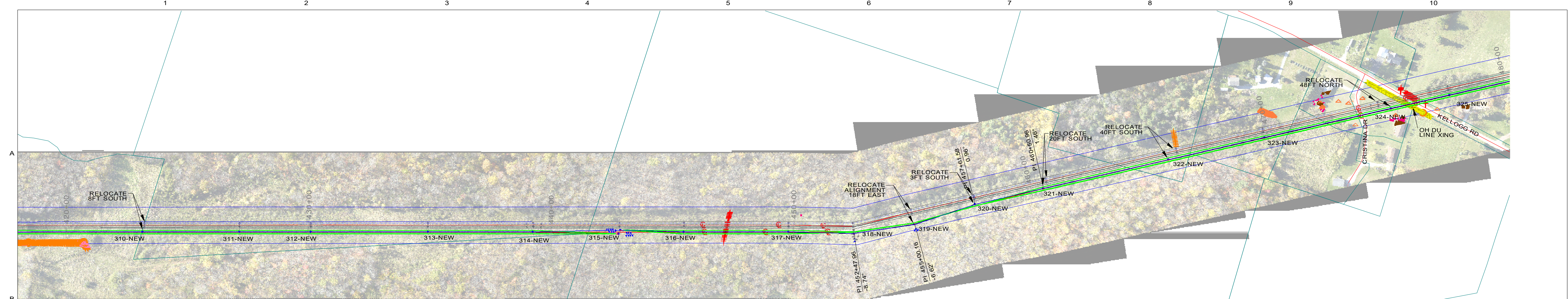
40.0 FT. VERT. SCALE

NORTH

REV	DATE	DR	CK
B	12/22/23	GRW	
A	5/31/23	GRW	

**K42 - P&P SHEET 8/16**





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**PROCUREMENT OF MATERIAL**

NOTE: HEIGHT AND ELEVATION DATA FROM ALIGNMENT CENTERLINE, NOT POLE LOCATION.

200.0 FT. HORIZ. SCALE  
 40.0 FT. VERT. SCALE

NORTH

OPGW, 293-NEW - 315-NEW, 1KV, 566947 INSKY OPGW S 144 ULTRA (3X48) 15.8MM 119KA <sup>2</sup> S 82KN 1-1439 3550LB.WIR, RULING SPAN 400 (FT), DISPLAYED -20 DEG F INITIAL FE
K42-NEW, 294-NEW - 315-NEW, 116KV, BITTERN, ACSR WIR, RULING SPAN 402 (FT), 3 PHASES, BUNDLE OF 2, DISPLAYED MOT (HTC-573FT RS) MAX SAG FE
COMM, 309-NEW - 315-NEW, 1KV, AFL ADSS DNA-30121 AC072AJC621BE4 2100LB.WIR, RULING SPAN 448 (FT), DISPLAYED 32 DEG F 1/2" ICE MAX SAG FE
OPGW, 315-NEW - 329-NEW, 1KV, 566947 INSKY OPGW S 144 ULTRA (3X48) 15.8MM 119KA <sup>2</sup> S 82KN 1-1439 3600LB.WIR, RULING SPAN 404 (FT), DISPLAYED -20 DEG F INITIAL FE
K42-NEW, 315-NEW - 329-NEW, 116KV, BITTERN, ACSR WIR, RULING SPAN 404 (FT), 3 PHASES, BUNDLE OF 2, DISPLAYED MOT (HTC-573FT RS) MAX SAG FE
COMM, 315-NEW - 321-NEW, 1KV, AFL ADSS DNA-30121 AC072AJC621BE4 2200LB.WIR, RULING SPAN 315 (FT), DISPLAYED 32 DEG F 1/2" ICE MAX SAG FE
COMM, 321-NEW - 322-NEW, 1KV, AFL ADSS DNA-30121 AC072AJC621BE4 2100LB.WIR, RULING SPAN 524 (FT), DISPLAYED 32 DEG F 1/2" ICE MAX SAG FE
COMM, 322-NEW - 329-NEW, 1KV, AFL ADSS DNA-30121 AC072AJC621BE4 2100LB.WIR, RULING SPAN 427 (FT), DISPLAYED 32 DEG F 1/2" ICE MAX SAG FE

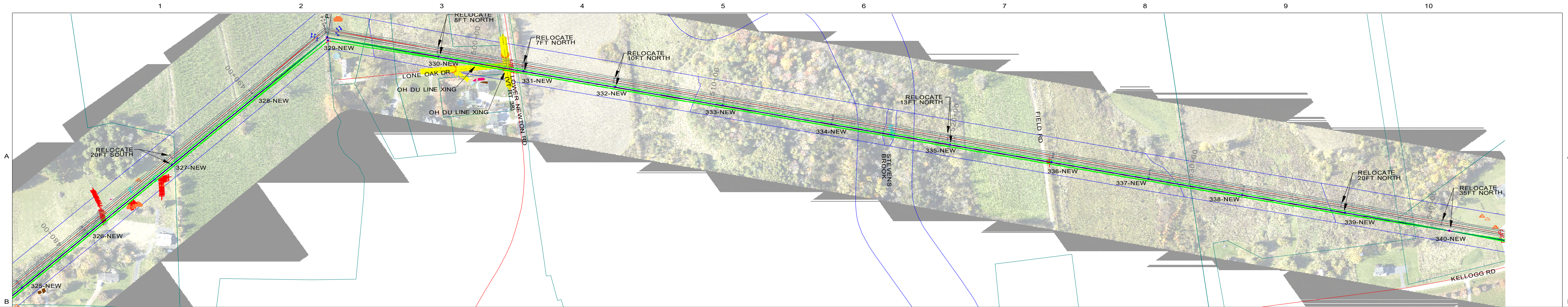
**VILCO** VERMONT ELECTRIC POWER CO., INC.  
 RUTLAND, VERMONT  
 GEORGIA TO ST. ALBANS TO HIGHGATE

**K42**  
**115KV TRANSMISSION LINE**

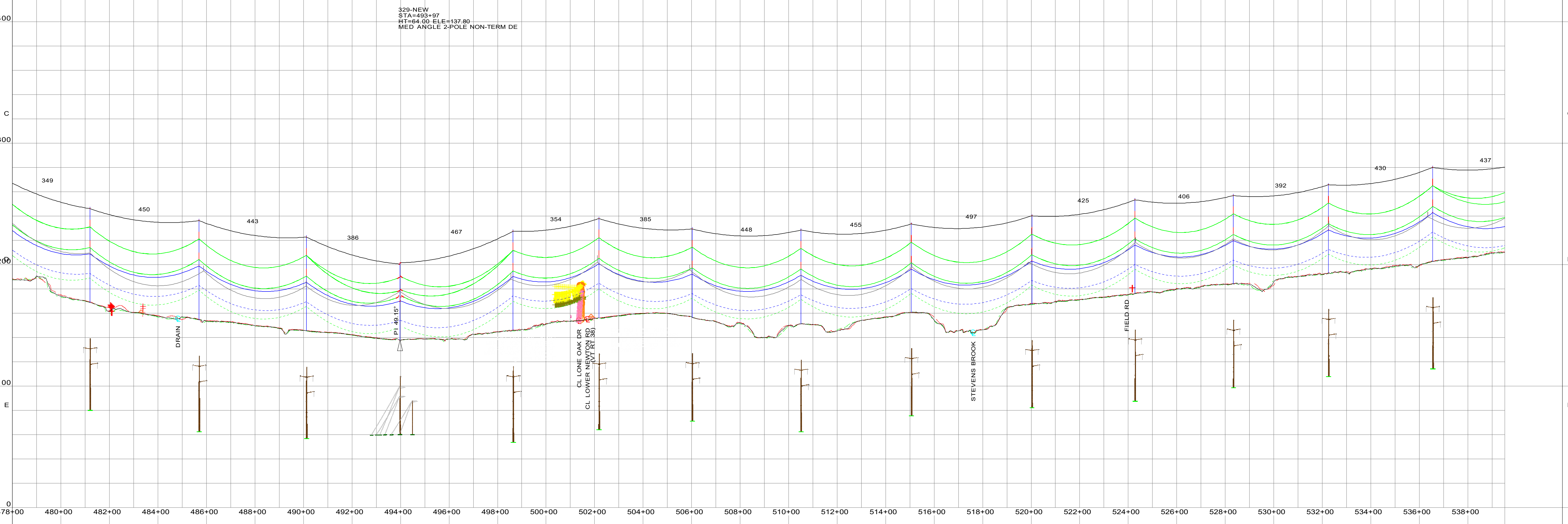
SCALE: AS NOTED DRAWN BY: GRBW	APPROVED BY: [Signature]	12/22/23
DATE: 5/31/2023	CHECKED BY:	DATE
DRAWING NUMBER: K42 - P&P SHEET 9/16		B
PLOT: A, 1=65		REV

B	12/22/23	GRW	REVISED FOR FILING
A	5/31/23	GRW	ISSUED FOR FILING
REV	DATE	DR	CK

FILE: F



325-NEW STA=481+19 HT=78.50 ELE=168.83 BK-TO-BK DAVIT SUSP	326-NEW STA=485+69 HT=83.00 ELE=154.46 BK-TO-BK DAVIT SUSP	327-NEW STA=490+12 HT=78.50 ELE=145.46 BK-TO-BK DAVIT SUSP	328-NEW STA=493+64 HT=83.00 ELE=145.78 BK-TO-BK DAVIT SUSP	329-NEW STA=498+18 HT=83.00 ELE=156.20 BK-TO-BK DAVIT SUSP	330-NEW STA=503+02 HT=74.00 ELE=156.62 BK-TO-BK DAVIT SUSP	331-NEW STA=510+50 HT=78.50 ELE=151.17 BK-TO-BK DAVIT SUSP	332-NEW STA=515+06 HT=74.00 ELE=160.77 BK-TO-BK DAVIT SUSP	333-NEW STA=520+03 HT=74.00 ELE=167.42 BK-TO-BK DAVIT SUSP	334-NEW STA=524+28 HT=78.51 ELE=176.13 BK-TO-BK DAVIT SUSP	335-NEW STA=528+33 HT=74.00 ELE=184.15 BK-TO-BK DAVIT SUSP	336-NEW STA=532+25 HT=74.00 ELE=193.01 BK-TO-BK DAVIT SUSP	337-NEW STA=536+55 HT=78.50 ELE=202.76 BK-TO-BK DAVIT SUSP	338-NEW STA=538+00 HT=78.50 ELE=202.76 BK-TO-BK DAVIT SUSP	339-NEW STA=538+00 HT=78.50 ELE=202.76 BK-TO-BK DAVIT SUSP
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OPGW, 315-NEW - 329-NEW, 1KV, 566947 INSKY OPGW S 144 ULTRA (3X48) 15.8MM 119KA <sup>2</sup> S 82KN 1-1439 3600LB.WIR, RULING SPAN 404 (FT), DISPLAYED -20 DEG F INITIAL FE	K42-NEW, 315-NEW - 329-NEW, 116KV, BITTERN, ACSR WIR, RULING SPAN 404 (FT), 3 PHASES, BUNDLE OF 2, DISPLAYED MOT (HTC-573FT RS) MAX SAG FE	COMM, 329-NEW - 340-NEW, 1KV, AFL ADSS DNA-30121 AC072AJC621BE4 2100LB.WIR, RULING SPAN 427 (FT), DISPLAYED 32 DEG F 1/2" ICE MAX SAG FE	OPGW, 329-NEW - 340-NEW, 1KV, 566947 INSKY OPGW S 144 ULTRA (3X48) 15.8MM 119KA <sup>2</sup> S 82KN 1-1439 3600LB.WIR, RULING SPAN 432 (FT), DISPLAYED -20 DEG F INITIAL FE	K42-NEW, 329-NEW - 340-NEW, 116KV, BITTERN, ACSR WIR, RULING SPAN 431 (FT), 3 PHASES, BUNDLE OF 2, DISPLAYED MOT (HTC-573FT RS) MAX SAG FE	COMM, 329-NEW - 340-NEW, 1KV, AFL ADSS DNA-30121 AC072AJC621BE4 2100LB.WIR, RULING SPAN 432 (FT), DISPLAYED 32 DEG F 1/2" ICE MAX SAG FE
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**DRAFT**  
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NOTE: HEIGHT AND ELEVATION DATA FROM ALIGNMENT CENTERLINE, NOT POLE LOCATION.

200.0 FT. HORIZ. SCALE

40.0 FT. VERT. SCALE

NORTH

REV	DATE	DR	CK
B	12/22/23	GRW	
A	5/31/23	GRW	

REVISED FOR FILING

ISSUED FOR FILING

**VERMONT ELECTRIC POWER CO., INC.**  
RUTLAND, VERMONT  
GEORGIA TO ST. ALBANS TO HIGHGATE

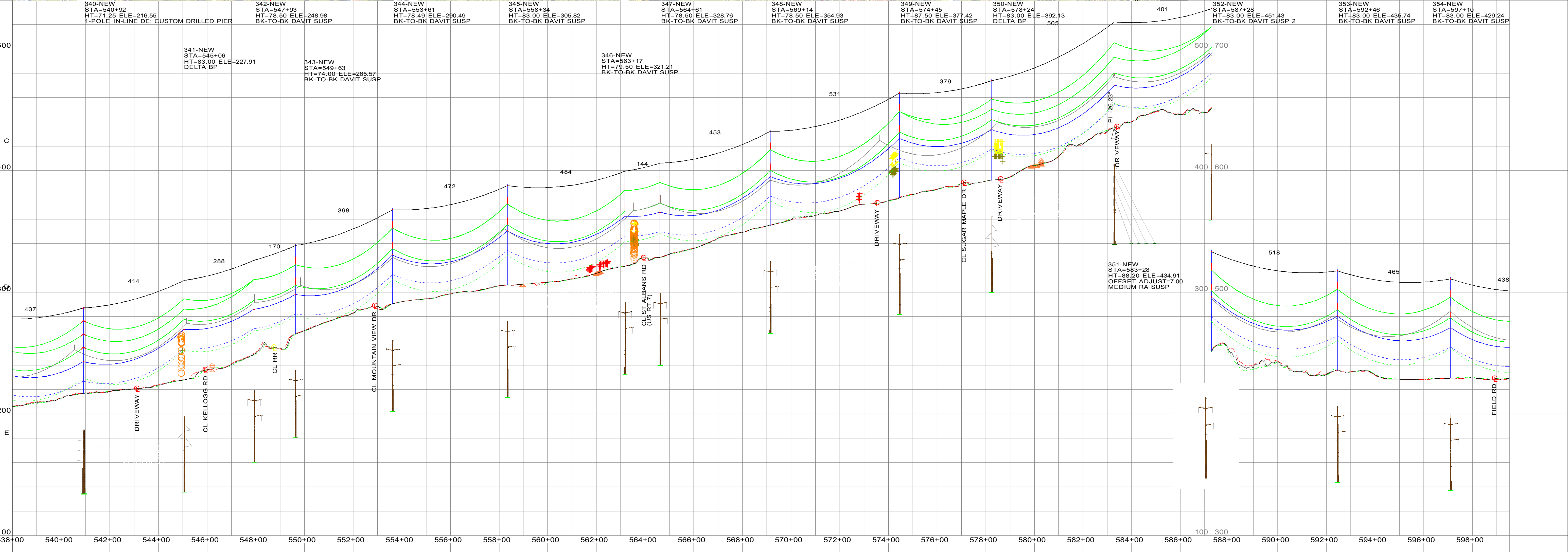
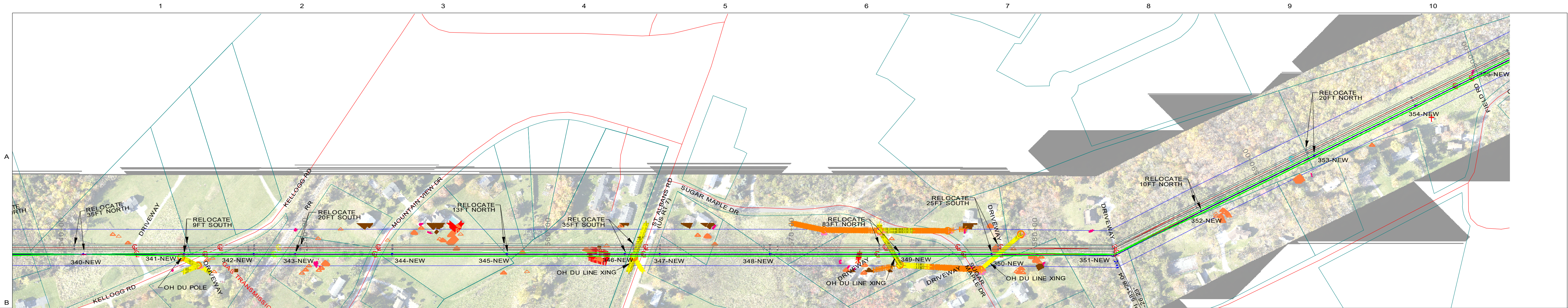
**K42**  
**115KV TRANSMISSION LINE**

SCALE: AS NOTED DRAWN BY: GRBW APPROVED BY: 12/22/23

DATE: 5/31/2023 CHECKED BY: DATE: 12/22/23

DRAWING NUMBER: **K42 - P&P SHEET 10/16** B

PLOT: A, 1=65 REV



200.0 FT. HORIZ. SCALE

40.0 FT. VERT. SCALE

NORTH

**DRAFT**  
**PRELIMINARY - FOR FILING PURPOSES ONLY**  
**THIS DRAWING IS PRELIMINARY AND NOT**  
**TO BE USED FOR CONSTRUCTION OR**  
**PROCUREMENT OF MATERIAL**

OPGW, 329-NEW - 340-NEW, 1KV, 566947 INSKY OPGW S 144 ULTRA (3X48) 15.8MM 119KA<sup>2</sup>S 82KN 1-1439 3625LB.WIR, RULING SPAN 432 (FT), DISPLAYED -20 DEG F INITIAL FE

K42-NEW, 329-NEW - 340-NEW, 116KV, BITTERN, ACSR WIR, RULING SPAN 431 (FT), 3 PHASES, BUNDLE OF 2, DISPLAYED MOT (HTC-573FT RS) MAX SAG FE

OPGW, 340-NEW - 349-NEW, 1KV, AFL ADSS DNA-30121 AC072AJC621BE4 2100LB WIR, RULING SPAN 432 (FT), DISPLAYED 32 DEG F 1/2 ICE MAX SAG FE

OPGW, 340-NEW - 359-NEW, 1KV, 566947 INSKY OPGW S 144 ULTRA (3X48) 15.8MM 119KA<sup>2</sup>S 82KN 1-1439 3725LB WIR, RULING SPAN 449 (FT), DISPLAYED -20 DEG F INITIAL FE

K42-NEW, 340-NEW - 359-NEW, 116KV, BITTERN, ACSR WIR, RULING SPAN 449 (FT), 3 PHASES, BUNDLE OF 2, DISPLAYED MOT (HTC-573FT RS) MAX SAG FE

COMM, 340-NEW - 341-NEW, 1KV, AFL ADSS DNA-30121 AC072AJC621BE4 2100LB WIR, RULING SPAN 410 (FT), DISPLAYED 32 DEG F 1/2 ICE MAX SAG FE

COMM, 341-NEW - 342-NEW, 1KV, AFL ADSS DNA-30121 AC072AJC621BE4 2100LB WIR, RULING SPAN 285 (FT), DISPLAYED 32 DEG F 1/2 ICE MAX SAG FE

COMM, 342-NEW - 343-NEW, 1KV, AFL ADSS DNA-30121 AC072AJC621BE4 2100LB WIR, RULING SPAN 168 (FT), DISPLAYED 32 DEG F 1/2 ICE MAX SAG FE

COMM, 343-NEW - 346-NEW, 1KV, AFL ADSS DNA-30121 AC072AJC621BE4 2100LB WIR, RULING SPAN 455 (FT), DISPLAYED 32 DEG F 1/2 ICE MAX SAG FE

COMM, 346-NEW - 347-NEW, 1KV, AFL ADSS DNA-30121 AC072AJC621BE4 2200LB WIR, RULING SPAN 142 (FT), DISPLAYED 32 DEG F 1/2 ICE MAX SAG FE

COMM, 347-NEW - 350-NEW, 1KV, AFL ADSS DNA-30121 AC072AJC621BE4 2200LB WIR, RULING SPAN 466 (FT), DISPLAYED 32 DEG F 1/2 ICE MAX SAG FE

COMM, 350-NEW - 351-NEW, 1KV, AFL ADSS DNA-30121 AC072AJC621BE4 2100LB WIR, RULING SPAN 502 (FT), DISPLAYED 32 DEG F 1/2 ICE MAX SAG FE

COMM, 351-NEW - 354-NEW, 1KV, AFL ADSS DNA-30121 AC072AJC621BE4 2100LB WIR, RULING SPAN 488 (FT), DISPLAYED 32 DEG F 1/2 ICE MAX SAG FE

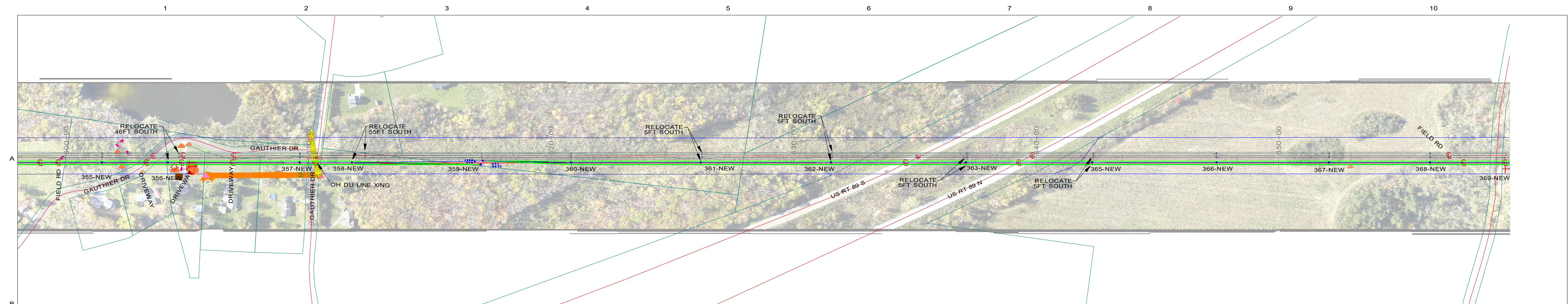
COMM, 354-NEW - 357-NEW, 1KV, AFL ADSS DNA-30121 AC072AJC621BE4 2200LB WIR, RULING SPAN 459 (FT), DISPLAYED 32 DEG F 1/2 ICE MAX SAG FE

REV	DATE	DR	CK
B	12/22/23	GRW	
A	5/31/23	GRW	

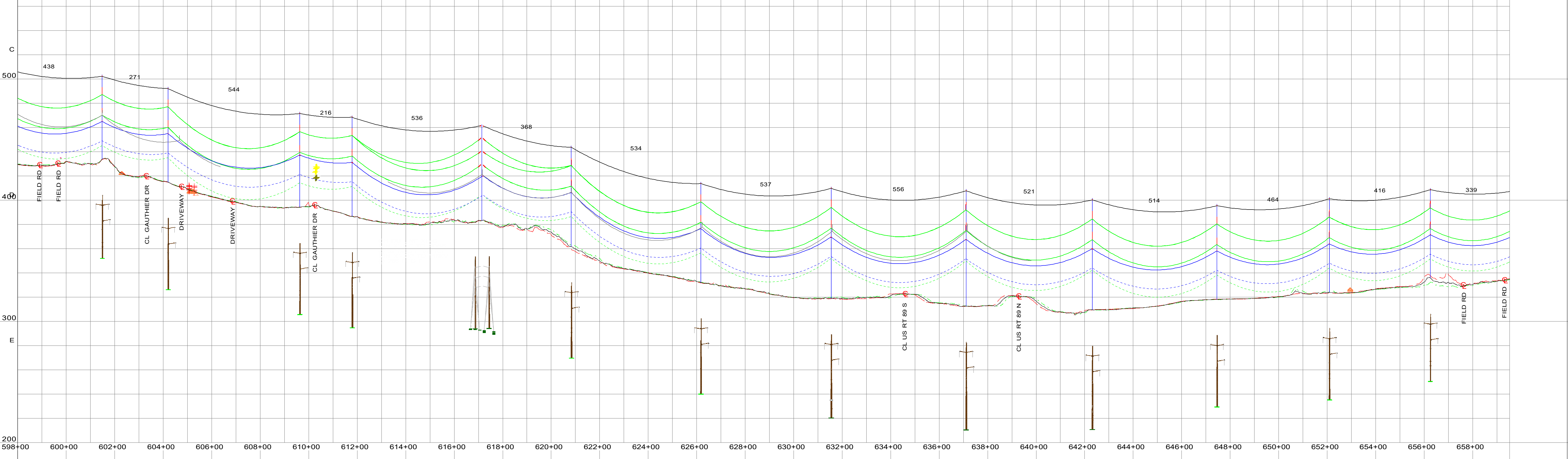
REVISOR	DATE	DESCRIPTION
		REVISED FOR FILING
		ISSUED FOR FILING

NOTE: HEIGHT AND ELEVATION DATA FROM ALIGNMENT CENTERLINE, NOT POLE LOCATION.

VERMONT ELECTRIC POWER CO, INC. RUTLAND, VERMONT	
K42 115KV TRANSMISSION LINE	
SCALE: AS NOTED DRAWN BY: GRBW	APPROVED BY: 12/22/23
DATE: 5/31/2023	CHECKED BY: DATE
DRAWING NUMBER: K42 - P&P SHEET 11/16	B
PLOT: A, 1=65	REV



355-NEW STA=601+48 HT=69.50 ELE=433.99 BK-TO-BK DAVIT SUSP	356-NEW STA=604+20 HT=78.50 ELE=414.89 BK-TO-BK DAVIT SUSP	357-NEW STA=609+63 HT=78.50 ELE=394.27 BK-TO-BK DAVIT SUSP	358-NEW STA=611+79 HT=83.00 ELE=386.71 BK-TO-BK DAVIT SUSP	359-NEW STA=617+14 HT=79.09 ELE=383.27 2-POLE IN-LINE DE	360-NEW STA=620+83 HT=83.00 ELE=361.83 BK-TO-BK DAVIT SUSP	361-NEW STA=626+17 HT=83.00 ELE=331.99 BK-TO-BK DAVIT SUSP	362-NEW STA=631+54 HT=92.00 ELE=319.01 BK-TO-BK DAVIT SUSP 2	363-NEW STA=637+11 HT=96.50 ELE=312.53 BK-TO-BK DAVIT SUSP 2	365-NEW STA=642+31 HT=92.00 ELE=309.46 BK-TO-BK DAVIT SUSP 2	366-NEW STA=647+45 HT=78.50 ELE=318.16 BK-TO-BK DAVIT SUSP	367-NEW STA=652+09 HT=78.50 ELE=323.88 BK-TO-BK DAVIT SUSP	368-NEW STA=659+25 HT=74.00 ELE=335.86 BK-TO-BK DAVIT SUSP	369-NEW STA=659+64 HT=74.00 ELE=334.74 BK-TO-BK DAVIT SUSP
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200.0 FT. HORIZ. SCALE

40.0 FT. VERT. SCALE

NORTH

**DRAFT**  
PRELIMINARY - FOR FILING PURPOSES ONLY  
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TO BE USED FOR CONSTRUCTION OR  
PROCUREMENT OF MATERIAL

OPGW, 340-NEW - 359-NEW, 1KV, 566947 INSKY OPGW S 144 ULTRA (3X48) 15.8MM 119KA<sup>2</sup> S 82KN 1-1439 3725LB.WIR, RULING SPAN 449 (FT), DISPLAYED -20 DEG F INITIAL FE

K42-NEW, 340-NEW - 359-NEW, 116KV, BITTERN, ACSR WIR, RULING SPAN 449 (FT), 3 PHASES, BUNDLE OF 2, DISPLAYED MOT (HTC-573FT RS) MAX SAG FE

COMM, 354-NEW - 357-NEW, 1KV, AFL ADSS DNA-30121 AC072AJC621BE4 2200LB.WIR, RULING SPAN 459 (FT), DISPLAYED 32 DEG F 1/2" ICE MAX SAG FE

COMM, 357-NEW - 358-NEW, 1KV, AFL ADSS DNA-30121 AC072AJC621BE4 2100LB.WIR, RULING SPAN 214 (FT), DISPLAYED 32 DEG F 1/2" ICE MAX SAG FE

COMM, 358-NEW - 359-NEW, 1KV, AFL ADSS DNA-30121 AC072AJC621BE4 2100LB.WIR, RULING SPAN 538 (FT), DISPLAYED 32 DEG F 1/2" ICE MAX SAG FE

OPGW, 359-NEW - 378-NEW, 1KV, 566947 INSKY OPGW S 144 ULTRA (3X48) 15.8MM 119KA<sup>2</sup> S 82KN 1-1439 3775LB.WIR, RULING SPAN 482 (FT), DISPLAYED -20 DEG F INITIAL FE

K42-NEW, 359-NEW - 378-NEW, 116KV, BITTERN, ACSR WIR, RULING SPAN 482 (FT), 3 PHASES, BUNDLE OF 2, DISPLAYED MOT (HTC-573FT RS) MAX SAG FE

COMM, 359-NEW - 362-NEW, 1KV, AFL ADSS DNA-30121 AC072AJC621BE4 2100LB.WIR, RULING SPAN 497 (FT), DISPLAYED 32 DEG F 1/2" ICE MAX SAG FE

COMM, 362-NEW - 363-NEW, 1KV, AFL ADSS DNA-30121 AC072AJC621BE4 2200LB.WIR, RULING SPAN 554 (FT), DISPLAYED 32 DEG F 1/2" ICE MAX SAG FE

COMM, 363-NEW - 365-NEW, 1KV, AFL ADSS DNA-30121 AC072AJC621BE4 2235LB.WIR, RULING SPAN 518 (FT), DISPLAYED 32 DEG F 1/2" ICE MAX SAG FE

COMM, 365-NEW - 378-NEW, 1KV, AFL ADSS DNA-30121 AC072AJC621BE4 2235LB.WIR, RULING SPAN 488 (FT), DISPLAYED 32 DEG F 1/2" ICE MAX SAG FE

REV	DATE	DR	CK
B	12/22/23	GRW	REVISED FOR FILING
A	5/31/23	GRW	ISSUED FOR FILING

**VERMONT ELECTRIC POWER CO., INC.**  
RUTLAND, VERMONT

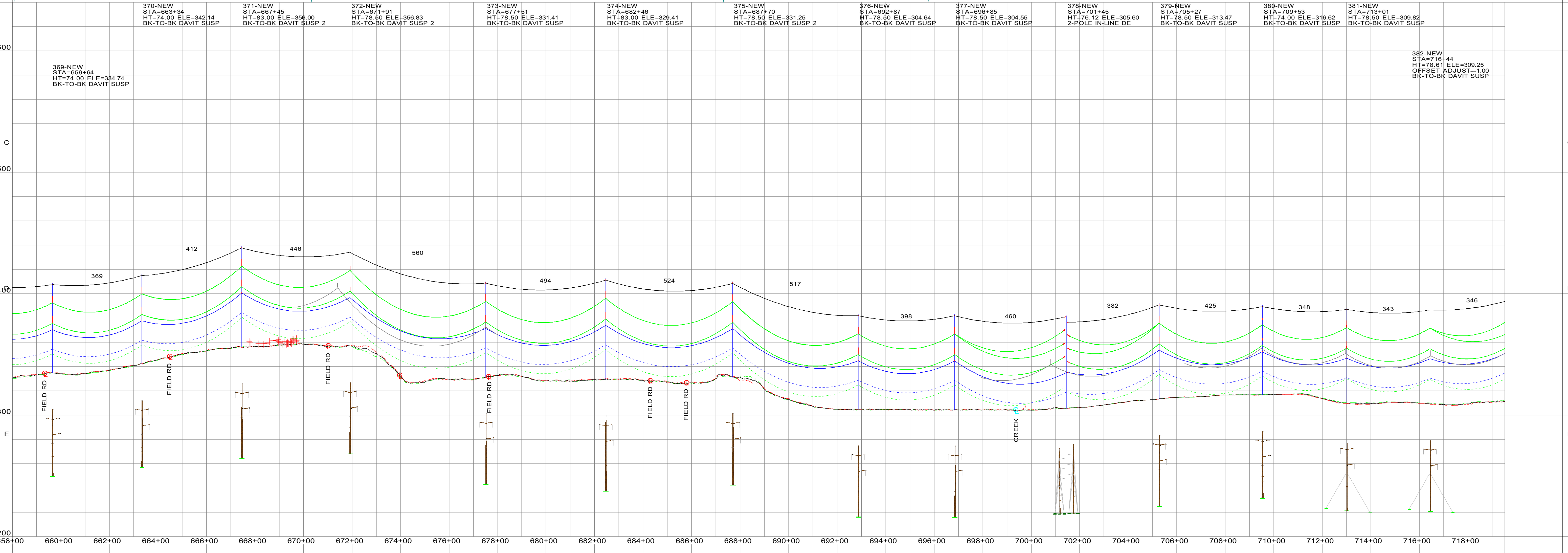
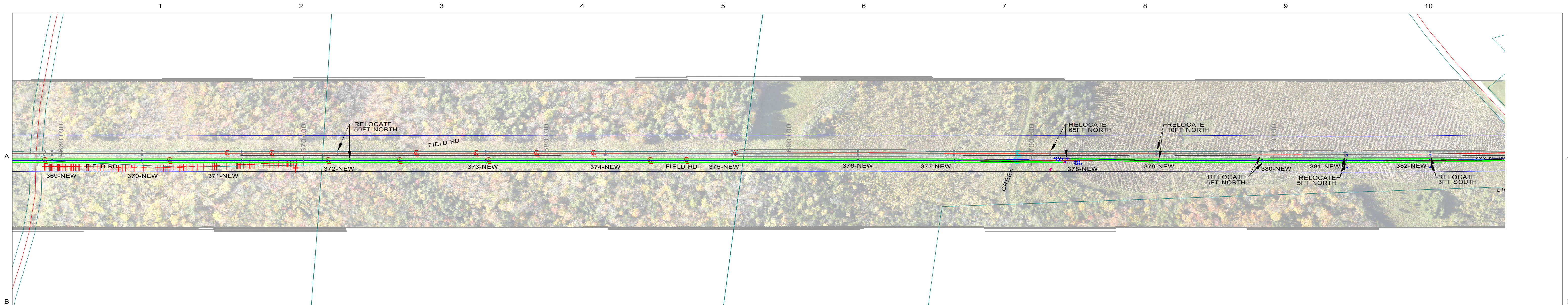
**K42**  
**115KV TRANSMISSION LINE**

SCALE: AS NOTED DRAWN BY: GRBW APPROVED BY: 12/22/23

DATE: 5/31/2023 CHECKED BY: DATE: 12/22/23

DRAWING NUMBER: **K42 - P&P SHEET 12/16** B

PLOT: A, 1=65 REV



200.0 FT. HORIZ. SCALE

40.0 FT. VERT. SCALE

NORTH

**DRAFT**

**PRELIMINARY - FOR FILING PURPOSES ONLY**

**THIS DRAWING IS PRELIMINARY AND NOT TO BE USED FOR CONSTRUCTION OR PROCUREMENT OF MATERIAL**

OPGW, 359-NEW - 378-NEW, 1KV, 566947 INSKY OPGW S 144 ULTRA (3X48) 15.8MM 119KA<sup>2</sup>S 82KN 1-1439 3775LB.WIR, RULING SPAN 482 (FT), DISPLAYED -20 DEG F INITIAL FE

K42-NEW, 359-NEW - 378-NEW, 116KV, BITTERN, ACSR.WIR, RULING SPAN 482 (FT), 3 PHASES, BUNDLE OF 2, DISPLAYED MOT (HTC-573FT RS) MAX SAG FE

COMM, 365-NEW - 378-NEW, 1KV, AFL ADSS DNA-30121 AC072AJC621BE4 2235LB.WIR, RULING SPAN 468 (FT), DISPLAYED 32 DEG F 1/2" ICE MAX SAG FE

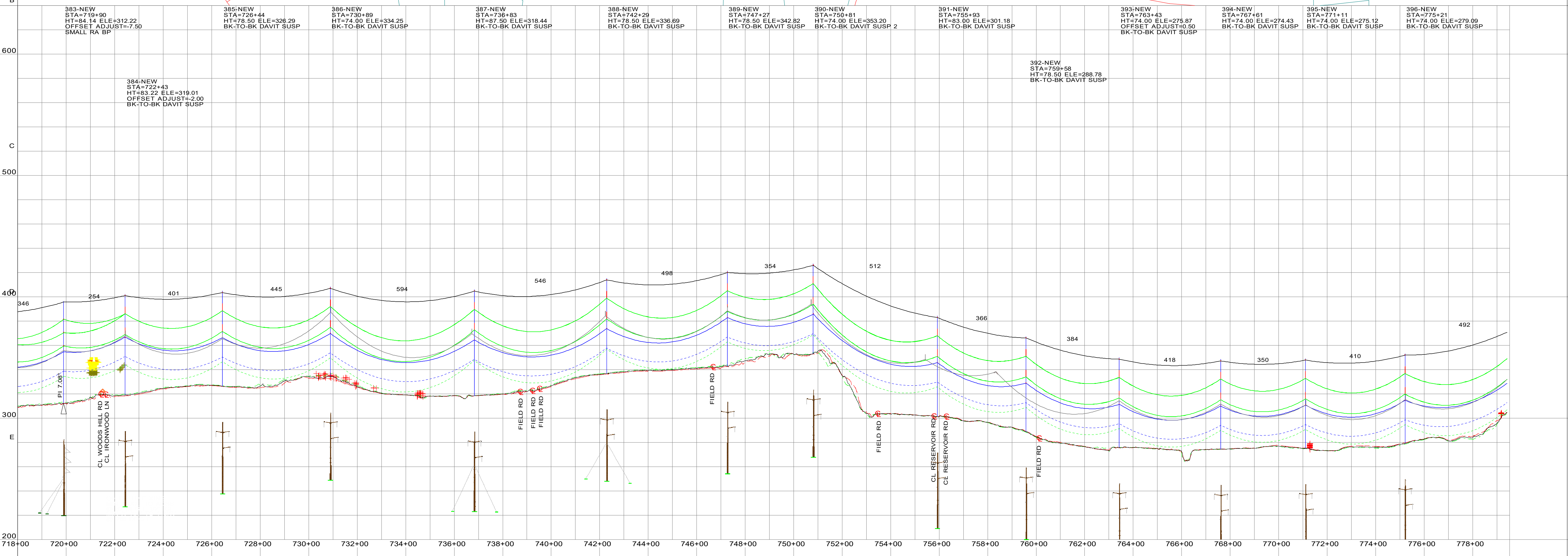
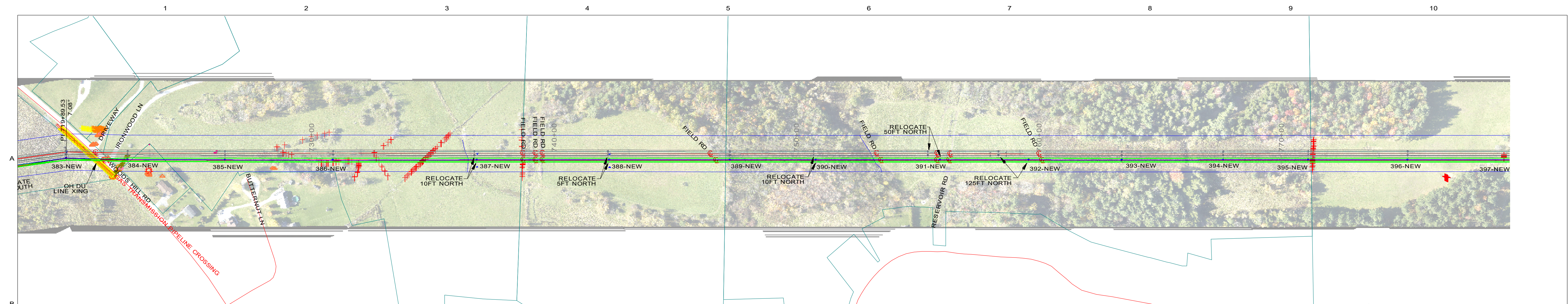
OPGW, 378-NEW - 399-NEW, 1KV, 566947 INSKY OPGW S 144 ULTRA (3X48) 15.8MM 119KA<sup>2</sup>S 82KN 1-1439 3675LB.WIR, RULING SPAN 435 (FT), DISPLAYED -20 DEG F INITIAL FE

K42-NEW, 378-NEW - 399-NEW, 116KV, BITTERN, ACSR.WIR, RULING SPAN 435 (FT), 3 PHASES, BUNDLE OF 2, DISPLAYED MOT (HTC-573FT RS) MAX SAG FE

COMM, 378-NEW - 384-NEW, 1KV, AFL ADSS DNA-30121 AC072AJC621BE4 2100LB.WIR, RULING SPAN 360 (FT), DISPLAYED 32 DEG F 1/2" ICE MAX SAG FE

REV	DATE	DR	CK
B	12/22/23	GRW	REVISED FOR FILING
A	5/31/23	GRW	ISSUED FOR FILING

VERMONT ELECTRIC POWER CO., INC. RUTLAND, VERMONT	
GEORGIA TO ST. ALBANS TO HIGHGATE	
<b>K42</b>	
<b>115KV TRANSMISSION LINE</b>	
SCALE: AS NOTED	DRAWN BY: GRBW
DATE: 5/31/2023	CHECKED BY:
DRAWING NUMBER:	APPROVED BY
PLOT: A, 1=65	<b>K42 - P&amp;P SHEET 13/16</b>



200.0 FT. HORIZ. SCALE

40.0 FT. VERT. SCALE

NORTH

**DRAFT**

**PRELIMINARY - FOR FILING PURPOSES ONLY**

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OPGW, 378-NEW - 399-NEW, 1KV, 566947 INSKY OPGW S 144 ULTRA (3X48) 15.8MM 119KA<sup>2</sup>S 82KN 1-1439 3675LB.WIR, RULING SPAN 435 (FT), DISPLAYED -20 DEG F INITIAL FE

K42-NEW, 378-NEW - 399-NEW, 116KV, BITTERN, ACSR WIR, RULING SPAN 435 (FT), 3 PHASES, BUNDLE OF 2, DISPLAYED MOT (HTC-573FT RS) MAX SAG FE

COMM, 378-NEW - 384-NEW, 1KV, AFL ADSS DNA-30121 AC072AJC621BE4 2100LB.WIR, RULING SPAN 360 (FT), DISPLAYED 32 DEG F 1/2" ICE MAX SAG FE

COMM, 384-NEW - 399-NEW, 1KV, AFL ADSS DNA-30121 AC072AJC621BE4 2200LB.WIR, RULING SPAN 458 (FT), DISPLAYED 32 DEG F 1/2" ICE MAX SAG FE

REV	DATE	DR	CK
B	12/22/23	GRW	REVISED FOR FILING
A	5/31/23	GRW	ISSUED FOR FILING

SCALE: AS NOTED DRAWN BY: GRBW

DATE: 5/31/2023

DRAWING NUMBER: K42 - P&P SHEET 14/16

PLOT: A, 1=65

VERMONT ELECTRIC POWER CO., INC.  
RUTLAND, VERMONT  
GEORGIA TO ST. ALBANS TO HIGHGATE

**K42**

**115KV TRANSMISSION LINE**

APPROVED BY: \_\_\_\_\_

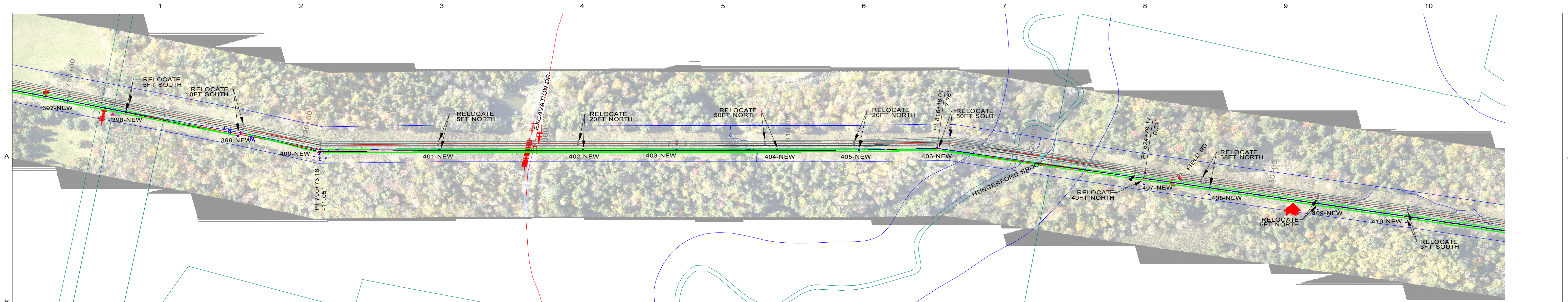
CHECKED BY: \_\_\_\_\_

DATE: \_\_\_\_\_

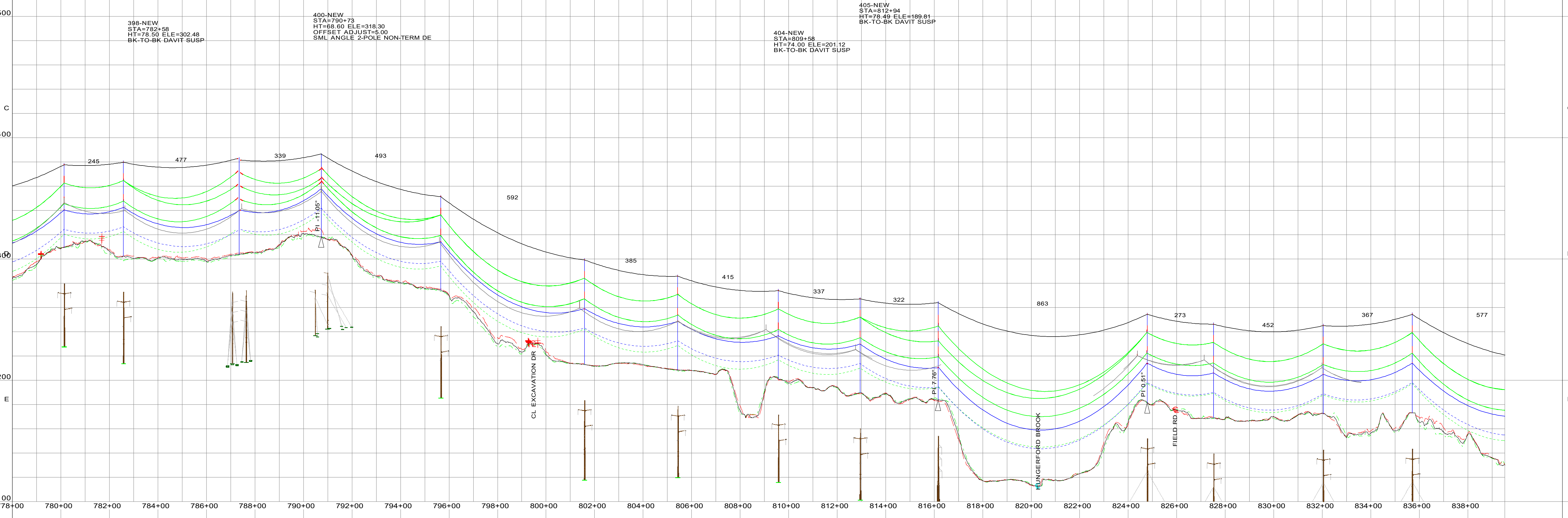
REV: \_\_\_\_\_

NOTE: HEIGHT AND ELEVATION DATA FROM ALIGNMENT CENTERLINE, NOT POLE LOCATION.

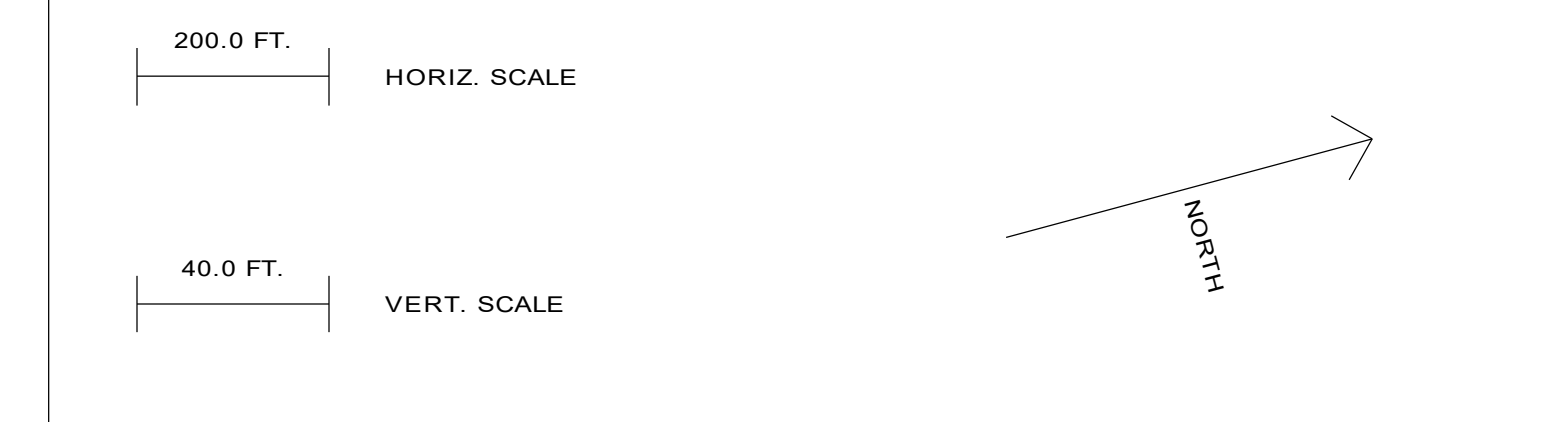
FILE: F-1



397-NEW STA=780+13 HT=69.50 ELE=309.44 BK-TO-BK DAVIT SUSP	399-NEW STA=787+35 HT=79.88 ELE=303.84 2-POLE IN-LINE DE	401-NEW STA=796+66 HT=78.50 ELE=274.15 BK-TO-BK DAVIT SUSP	402-NEW STA=801+58 HT=87.50 ELE=212.99 BK-TO-BK DAVIT SUSP	403-NEW STA=805+43 HT=78.50 ELE=208.52 BK-TO-BK DAVIT SUSP	405-NEW STA=812+94 HT=78.49 ELE=189.81 BK-TO-BK DAVIT SUSP	406-NEW STA=816+16 HT=81.30 ELE=183.79 OFFSET ADJUST=-7.50 SMALL RA SUSP: CUSTOM DP	407-NEW STA=824+78 HT=74.00 ELE=181.55 BK-TO-BK DAVIT SUSP 2	408-NEW STA=827+52 HT=78.50 ELE=168.95 BK-TO-BK DAVIT SUSP	409-NEW STA=832+04 HT=74.00 ELE=172.30 BK-TO-BK DAVIT SUSP	410-NEW STA=838+71 HT=82.64 ELE=172.93 BK-TO-BK DAVIT SUSP 2
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OPGW, 378-NEW - 399-NEW, 1KV, 566947 INSKY OPGW S 144 ULTRA (3X48) 15.8MM 119KA <sup>2</sup> S 82KN 1-1439 3675LB.WIR, RULING SPAN 435 (FT), DISPLAYED -20 DEG F INITIAL FE	K42-NEW, 378-NEW - 399-NEW, 116KV, BITTERN, ACSR.WIR, RULING SPAN 435 (FT), 3 PHASES, BUNDLE OF 2, DISPLAYED MOT (HTC-573FT RS) MAX SAG FE	COMM, 384-NEW - 399-NEW, 1KV, AFL ADSS DNA-30121 AC072AJC621BE4 2200LB.WIR, RULING SPAN 458 (FT), DISPLAYED 32 DEG F 1/2" ICE MAX SAG FE	OPGW, 399-NEW - 416-NEW, 1KV, 566947 INSKY OPGW S 144 ULTRA (3X48) 15.8MM 119KA <sup>2</sup> S 82KN 1-1439 3660LB.WIR, RULING SPAN 539 (FT), DISPLAYED -20 DEG F INITIAL FE	K42-NEW, 399-NEW - 400-NEW, 116KV, BITTERN, ACSR.WIR, RULING SPAN 333 (FT), 3 PHASES, BUNDLE OF 2, DISPLAYED MOT (HTC-573FT RS) MAX SAG FE	COMM, 399-NEW - 402-NEW, 1KV, AFL ADSS DNA-30121 AC072AJC621BE4 2200LB.WIR, RULING SPAN 504 (FT), DISPLAYED 32 DEG F 1/2" ICE MAX SAG FE	K42-NEW, 400-NEW - 416-NEW, 116KV, BITTERN, ACSR.WIR, RULING SPAN 545 (FT), 3 PHASES, BUNDLE OF 2, DISPLAYED MOT (HTC-573FT RS) MAX SAG FE	COMM, 402-NEW - 406-NEW, 1KV, AFL ADSS DNA-30121 AC072AJC621BE4 2200LB.WIR, RULING SPAN 370 (FT), DISPLAYED 32 DEG F 1/2" ICE MAX SAG FE	COMM, 405-NEW - 407-NEW, 1KV, AFL ADSS DNA-30121 AC072AJC621BE4 2235LB.WIR, RULING SPAN 860 (FT), DISPLAYED 32 DEG F 1/2" ICE MAX SAG FE	COMM, 407-NEW - 413-NEW, 1KV, AFL ADSS DNA-30121 AC072AJC621BE4 2200LB.WIR, RULING SPAN 462 (FT), DISPLAYED 32 DEG F 1/2" ICE MAX SAG FE
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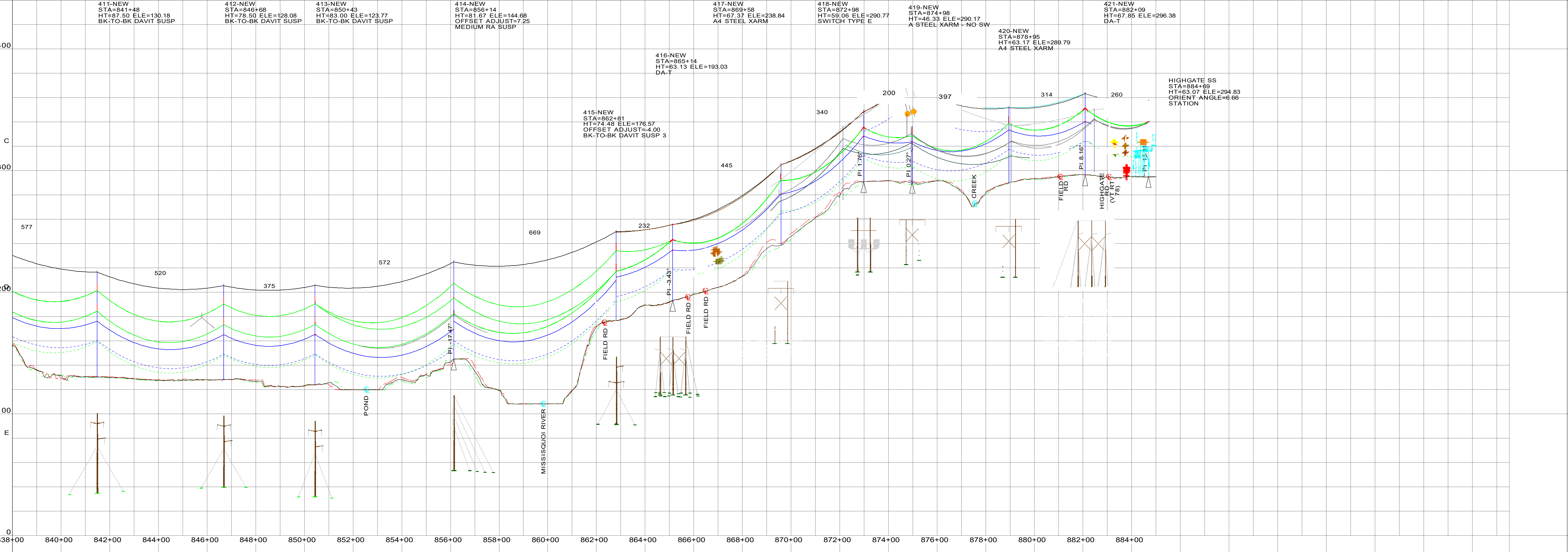
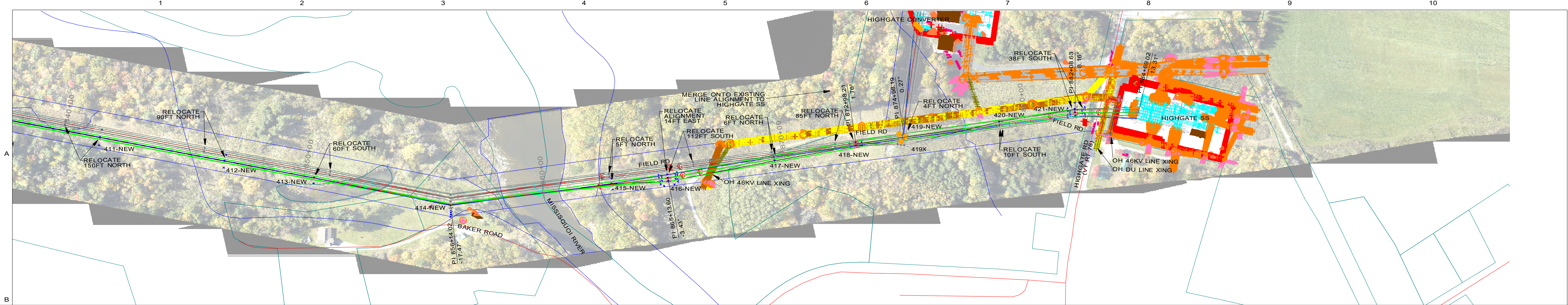


**DRAFT**  
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NOTE: HEIGHT AND ELEVATION DATA FROM ALIGNMENT CENTERLINE, NOT POLE LOCATION.

REV	DATE	DR	CK
B	12/22/23	GRW	
A	5/31/23	GRW	

		VERMONT ELECTRIC POWER CO, INC.	
		RUTLAND, VERMONT	
		GEORGIA TO ST. ALBANS TO HIGHGATE	
		K42	
		115KV TRANSMISSION LINE	
SCALE: AS NOTED DRAWN BY: GRBW	APPROVED BY:	12/22/23	
DATE: 5/31/2023	CHECKED BY:	DATE:	
DRAWING NUMBER:	K42 - P&P SHEET 15/16		B
PLOT: A, 1=65		REV	



<p>200.0 FT. HORIZ. SCALE</p> <p>40.0 FT. VERT. SCALE</p> <p>NORTH</p>	<p><b>DRAFT PRELIMINARY - FOR FILING PURPOSES ONLY THIS DRAWING IS PRELIMINARY AND NOT TO BE USED FOR CONSTRUCTION OR PROCUREMENT OF MATERIAL</b></p> <p>NOTE: HEIGHT AND ELEVATION DATA FROM ALIGNMENT CENTERLINE, NOT POLE LOCATION.</p>	<ul style="list-style-type: none"> <li>OPGW, 399-NEW - 416-NEW, 1KV, 566947 INSKY OPGW S 144 ULTRA (3X48) 15.8MM 119KA<sup>2</sup> S 82KN 1-1439 3950LB.WIR, RULING SPAN 538 (FT), DISPLAYED -20 DEG F INITIAL FE</li> <li>K42-NEW, 400-NEW - 416-NEW, 116KV, BITTERN, ACSR, 6000LB.WIR, RULING SPAN 545 (FT), 3 PHASES, BUNDLE OF 2, DISPLAYED MOT (HTC-573FT RS) MAX SAG FE</li> <li>COMM, 407-NEW - 413-NEW, 1KV, AFL ADSS DNA-30121 AC072AJC621BE4 2200LB.WIR, RULING SPAN 462 (FT), DISPLAYED 32 DEG F 1/2" ICE MAX SAG FE</li> <li>COMM, 413-NEW - 414-NEW, 1KV, AFL ADSS DNA-30121 AC072AJC621BE4 2300LB.WIR, RULING SPAN 570 (FT), DISPLAYED 32 DEG F 1/2" ICE MAX SAG FE</li> <li>COMM, 414-NEW - 415-NEW, 1KV, AFL ADSS DNA-30121 AC072AJC621BE4 2215LB.WIR, RULING SPAN 606 (FT), DISPLAYED 32 DEG F 1/2" ICE MAX SAG FE</li> <li>OHGW, 415-NEW - 416-NEW, 1KV, 3-8-7 STRAND EHS STEEL 2250LB.WIR, RULING SPAN 231 (FT), DISPLAYED -20 DEG F INITIAL FE</li> <li>COMM, 415-NEW - 416-NEW, 1KV, AFL ADSS DNA-30121 AC072AJC621BE4 2100LB.WIR, RULING SPAN 229 (FT), DISPLAYED 32 DEG F 1/2" ICE MAX SAG FE</li> <li>OPGW, 416-NEW - 418-NEW, 1KV, 566947 INSKY OPGW S 144 ULTRA (3X48) 15.8MM 119KA<sup>2</sup> S 82KN 1-1439 3000LB.WIR, RULING SPAN 400 (FT), DISPLAYED -20 DEG F INITIAL FE</li> <li>OHGW, 416-NEW - 418-NEW, 1KV, 3-8-7 STRAND EHS STEEL 2300LB.WIR, RULING SPAN 399 (FT), DISPLAYED -20 DEG F INITIAL FE</li> <li>K42-NEW, 418-NEW - 418-NEW, 116KV, BITTERN, ACSR, 6000LB.WIR, RULING SPAN 399 (FT), 3 PHASES, BUNDLE OF 2, DISPLAYED MOT (HTC-573FT RS) MAX SAG FE</li> <li>COMM, 416-NEW - 417-NEW, 1KV, AFL ADSS DNA-30121 AC072AJC621BE4 2050LB.WIR, RULING SPAN 440 (FT), DISPLAYED 32 DEG F 1/2" ICE MAX SAG FE</li> <li>COMM, 417-NEW - 418-NEW, 1KV, AFL ADSS DNA-30121 AC072AJC621BE4 1800LB.WIR, RULING SPAN 335 (FT), DISPLAYED 32 DEG F 1/2" ICE MAX SAG FE</li> <li>OPGW, 418-NEW - 419X, 1KV, 566947 INSKY OPGW S 144 ULTRA (3X48) 15.8MM 119KA<sup>2</sup> S 82KN 1-1439 2125LB.WIR, RULING SPAN 168 (FT), DISPLAYED -20 DEG F INITIAL FE</li> <li>OHGW, 418-NEW - 419X, 1KV, 3-8-7 STRAND EHS STEEL 1550LB.WIR, RULING SPAN 170 (FT), DISPLAYED -20 DEG F INITIAL FE</li> <li>K42-NEW, 418-NEW - 421-NEW, 116KV, BITTERN, ACSR, 6000LB.WIR, RULING SPAN 333 (FT), 3 PHASES, BUNDLE OF 2, DISPLAYED MOT (HTC-573FT RS) MAX SAG FE</li> <li>COMM, 418-NEW - 419-NEW, 1KV, AFL ADSS DNA-30121 AC072AJC621BE4 1800LB.WIR, RULING SPAN 198 (FT), DISPLAYED 32 DEG F 1/2" ICE MAX SAG FE</li> <li>COMM, 419-NEW - 421-NEW, 1KV, AFL ADSS DNA-30121 AC072AJC621BE4 1800LB.WIR, RULING SPAN 361 (FT), DISPLAYED 32 DEG F 1/2" ICE MAX SAG FE</li> <li>COMM, 419-NEW - HIGHGATE CONVERTER, 1KV, 18 058 SUPERIOR FC81821101 ADSS, RULING SPAN 491 (FT), DISPLAYED 32 DEG F 1/2" ICE MAX SAG FE</li> <li>K42-NEW, 421-NEW - HIGHGATE SS, 116KV, BITTERN, ACSR, 6000LB.WIR, RULING SPAN 259 (FT), 3 PHASES, BUNDLE OF 2, DISPLAYED MOT (HTC-573FT RS) MAX SAG FE</li> <li>COMM, 421-NEW - HIGHGATE SS, 1KV, AFL ADSS DNA-30121 AC072AJC621BE4 1950LB.WIR, RULING SPAN 252 (FT), DISPLAYED 32 DEG F 1/2" ICE MAX SAG FE</li> <li>419X - HIGHGATE SS, 1KV, 566947 INSKY OPGW S 144 ULTRA (3X48) 15.8MM 119KA<sup>2</sup> S 82KN 1-1439 2500LB.WIR, RULING SPAN 339 (FT), DISPLAYED -20 DEG F INITIAL FE</li> <li>419X - HIGHGATE SS, 1KV, 3-8-7 STRAND EHS STEEL 2200LB.WIR, RULING SPAN 342 (FT), DISPLAYED -20 DEG F INITIAL FE</li> </ul>	<table border="1"> <tr> <td colspan="2">VERMONT ELECTRIC POWER CO, INC. RUTLAND, VERMONT</td> </tr> <tr> <td colspan="2">GEORGIA TO ST. ALBANS TO HIGHGATE</td> </tr> <tr> <td colspan="2" style="text-align: center;"><b>K42</b></td> </tr> <tr> <td colspan="2" style="text-align: center;"><b>115KV TRANSMISSION LINE</b></td> </tr> <tr> <td>SCALE: AS NOTED DRAWN BY: GRBW</td> <td>APPROVED BY: 12/22/23</td> </tr> <tr> <td>DATE: 5/31/2023</td> <td>CHECKED BY: DATE: 5/31/23</td> </tr> <tr> <td>DRAWING NUMBER: K42 - P&amp;P SHEET 16/16</td> <td>REV: B</td> </tr> <tr> <td>PLOT: A, 1=65</td> <td>REV: B</td> </tr> </table>	VERMONT ELECTRIC POWER CO, INC. RUTLAND, VERMONT		GEORGIA TO ST. ALBANS TO HIGHGATE		<b>K42</b>		<b>115KV TRANSMISSION LINE</b>		SCALE: AS NOTED DRAWN BY: GRBW	APPROVED BY: 12/22/23	DATE: 5/31/2023	CHECKED BY: DATE: 5/31/23	DRAWING NUMBER: K42 - P&P SHEET 16/16	REV: B	PLOT: A, 1=65	REV: B
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