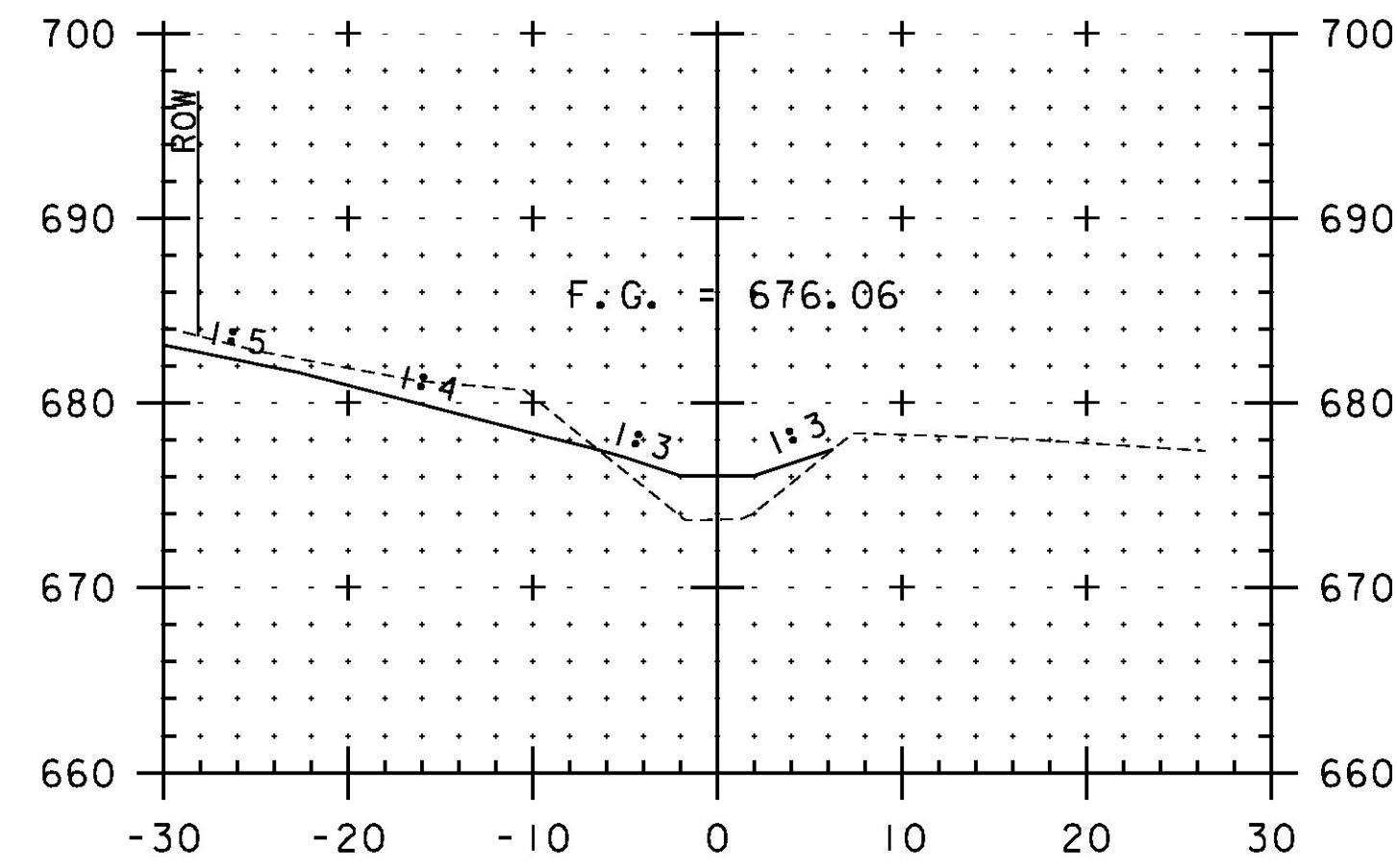
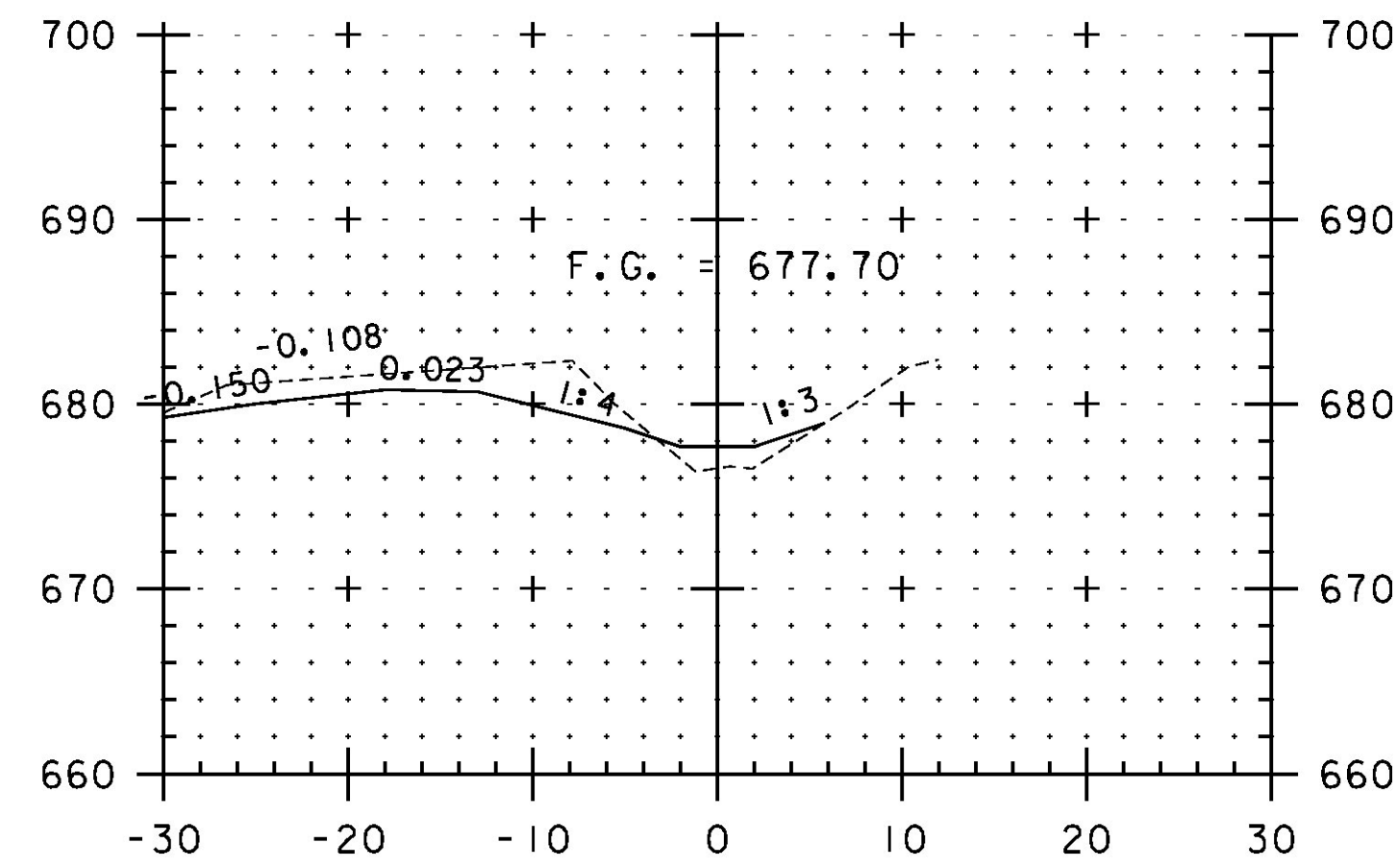


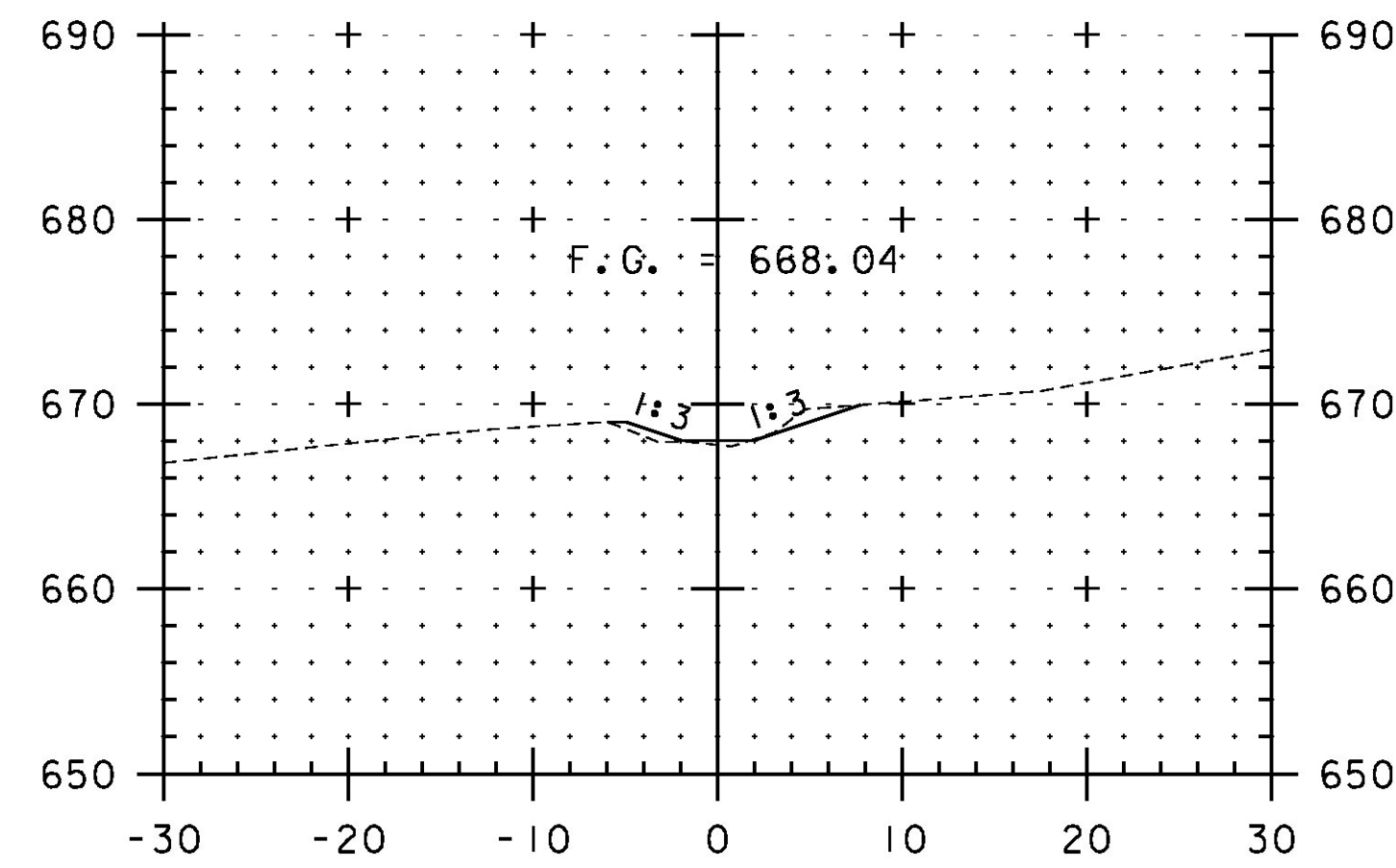
DITCH HORIZONTAL ALIGNMENT



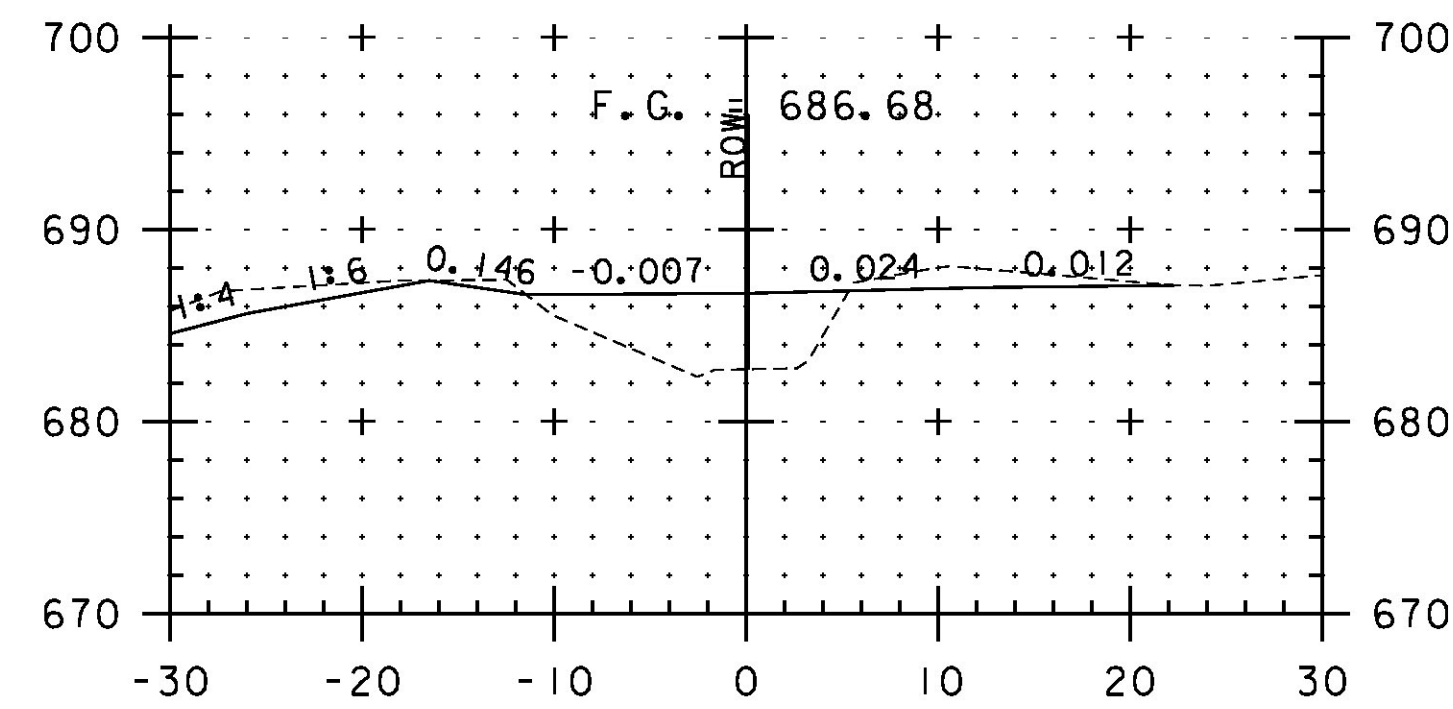
0+80



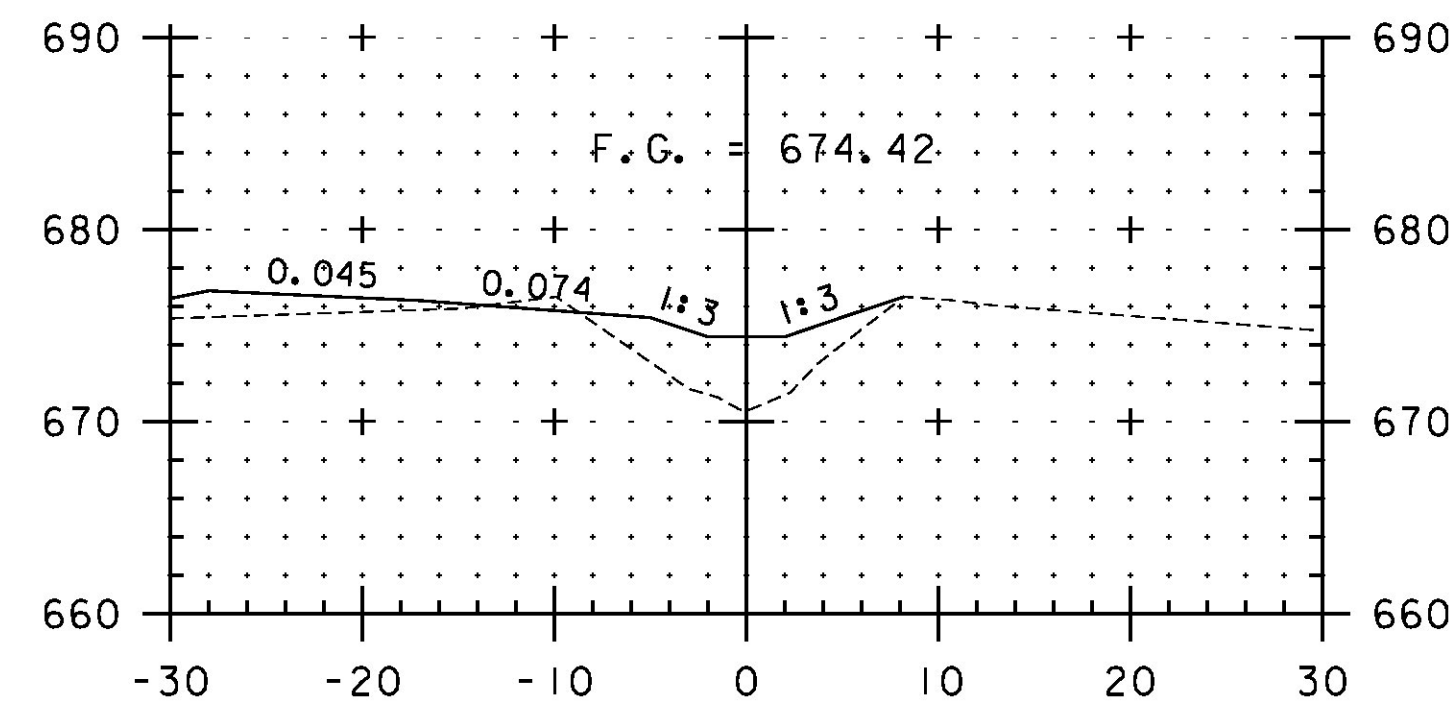
0+60



1+20



0+40



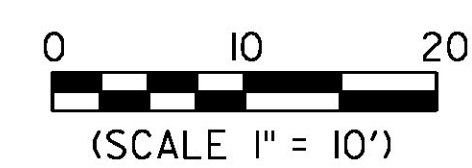
1+00

	STATION	NORTHING	EASTING
Element: Linear			
POB (36)	0+00.00	700865.4782	1761587.5159
POB (36)	0+00.00	700849.5961	1761581.5145
PI (37)	0+16.98	700849.5961	1761581.5145
Tangent Direction:	S 20°42'00.17" W		
Tangent Length:	16.98		
Element: Linear			
PI (37)	0+16.98	700849.5961	1761581.5145
PI (38)	0+32.31	700834.2628	1761581.5145
Tangent Direction:	S 0°00'00.00" E		
Tangent Length:	15.33		
Element: Linear			
PI (38)	0+32.31	700834.2628	1761581.5145
PI (39)	0+40.94	700825.6431	1761581.1112
Tangent Direction:	S 2°40'44.19" W		
Tangent Length:	8.63		
Element: Linear			
PI (39)	0+40.94	700825.6431	1761581.1112
PI (40)	0+56.25	700811.4244	1761586.7797
Tangent Direction:	S 21°44'07.32" E		
Tangent Length:	15.31		
Element: Linear			
PI (40)	0+56.25	700811.4244	1761586.7797
PI (41)	0+69.51	700798.2038	1761587.8857
Tangent Direction:	S 4°46'55.43" E		
Tangent Length:	13.27		
Element: Linear			
PI (41)	0+69.51	700798.2038	1761587.8857
PI (42)	0+76.90	700792.9673	1761593.0987
Tangent Direction:	S 44°52'16.14" E		
Tangent Length:	7.39		
Element: Linear			
PI (42)	0+76.90	700792.9673	1761593.0987
PI (43)	1+00.84	700783.1341	1761614.9265
Tangent Direction:	S 65°44'55.62" E		
Tangent Length:	23.94		
Element: Linear			
PI (43)	1+00.84	700783.1341	1761614.9265
PI (30)	1+22.23	700777.2533	1761635.4875
Tangent Direction:	S 74°02'19.52" E		
Tangent Length:	21.39		
Element: Linear			
PI (30)	1+22.23	700777.2533	1761635.4875
POE (24)	1+39.23	700776.4912	1761652.4704
POE (24)	1+39.23	700776.4912	1761652.4704
Tangent Direction:	S 87°25'49.49" E		
Tangent Length:	17.00		

DITCH VERTICAL ALIGNMENT

	STATION	ELEVATION
Element: Linear		
POB	0+30.80	690.82
PVI	0+60.00	677.70
Tangent Grade:	-44.91%	
Tangent Length:	29.20	
Element: Linear		
PVI	0+60.00	677.70
PVI	1+00.00	674.42
Tangent Grade:	-8.20%	
Tangent Length:	40.00	
Element: Linear		
PVI	1+00.00	674.42
POE	1+25.00	666.44
Tangent Grade:	-31.91%	
Tangent Length:	25.00	

STA. 0+40 TO STA. 1+20



PROJECT NAME:	ST. JOHNSBURY	PLOT DATE:	10/26/2016
PROJECT NUMBER:	BF 7000(20)	DRAWN BY:	M. HALEY
FILE NAME:	86e048/cos/z86e048xs.dgn	DESIGNED BY:	M. HALEY
PROJECT LEADER:	J. BYATT	CHECKED BY:	P. SHEDD
STONE LINED DITCH CROSS SECTIONS SHEET		SHEET	61 OF 70