

GPS CONTROL POINTS

OLCOTT

NORTH = 711607.222  
 EAST = 1786695.475  
 ELEV. = 895.667

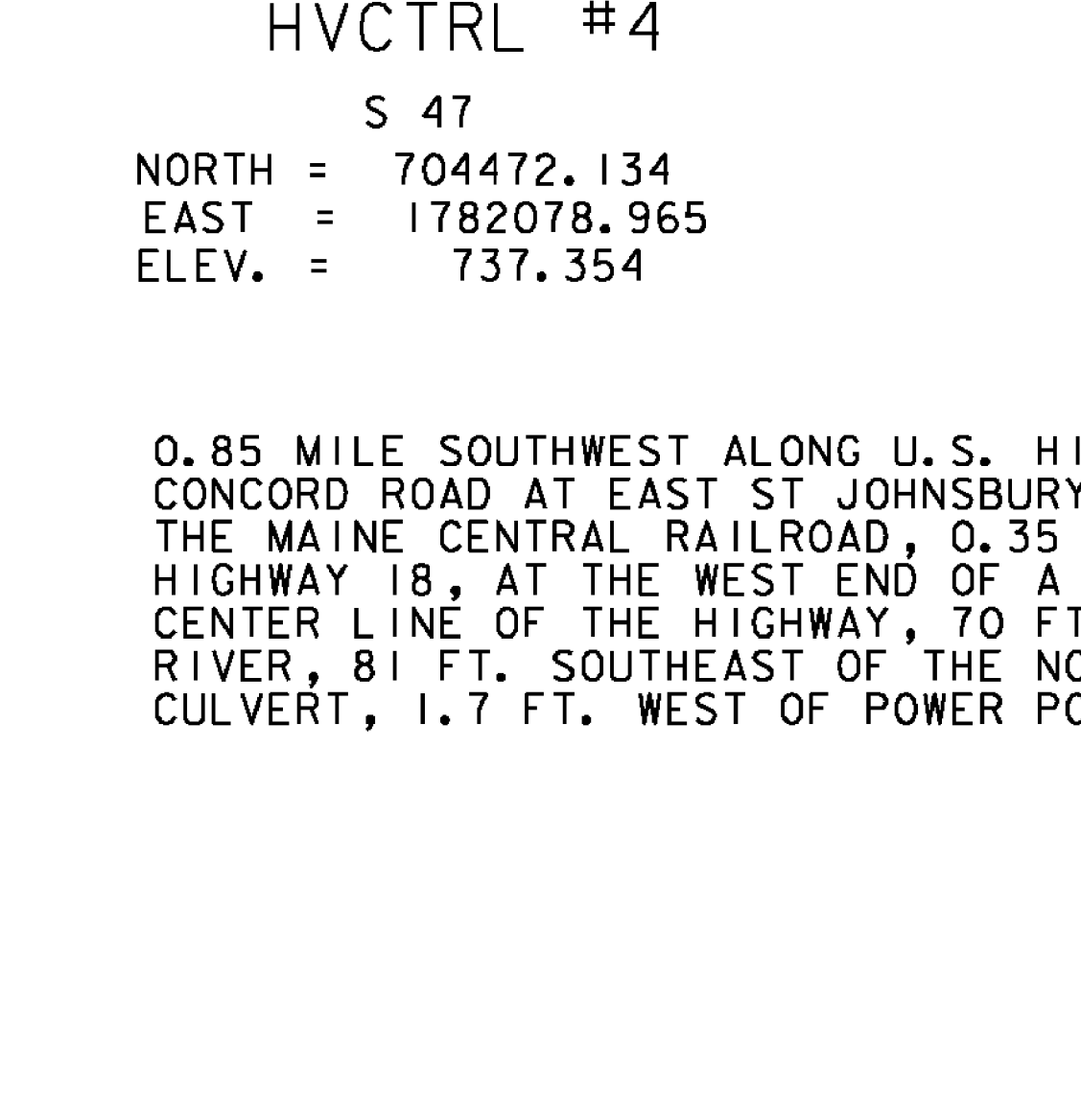
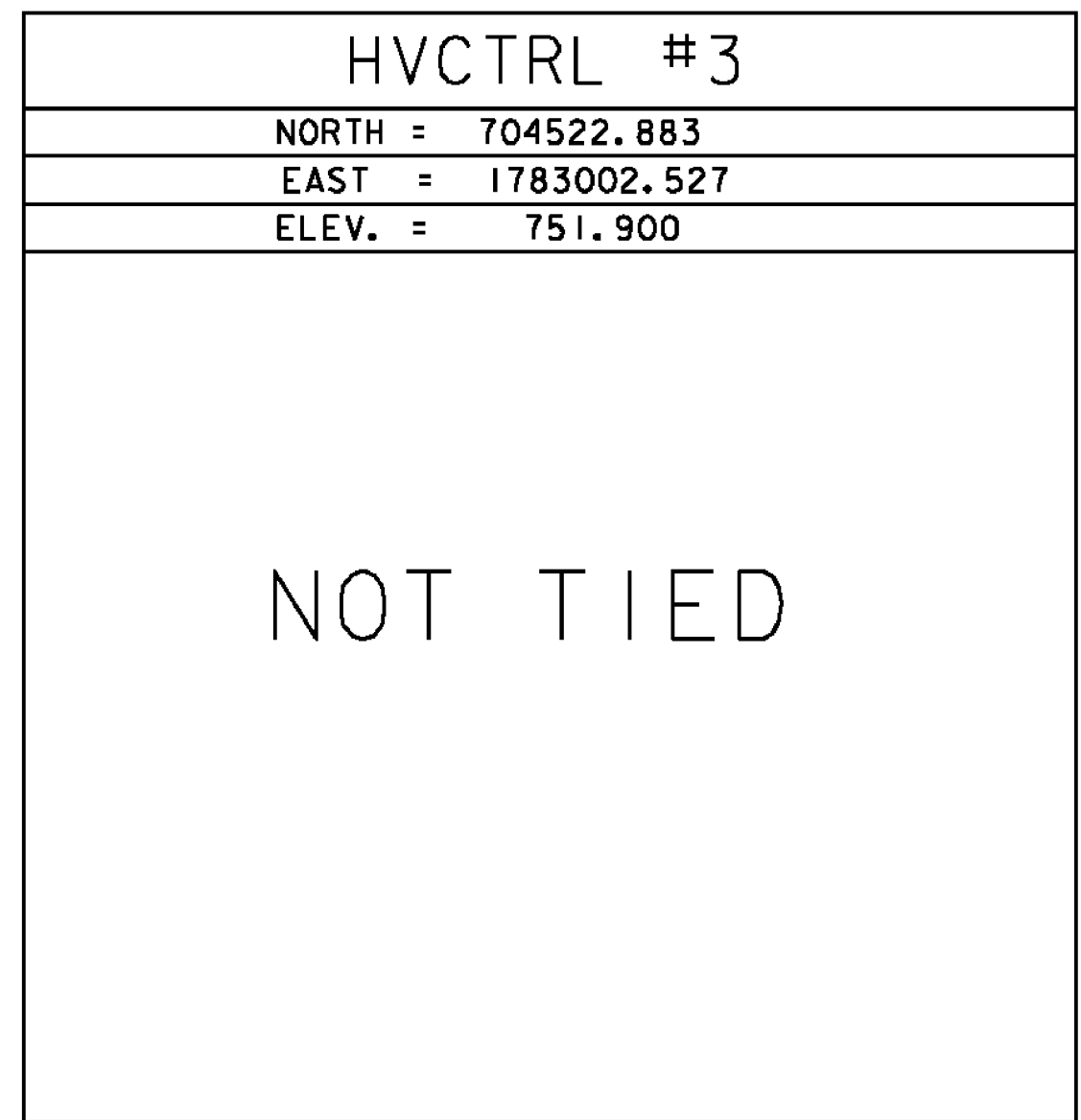
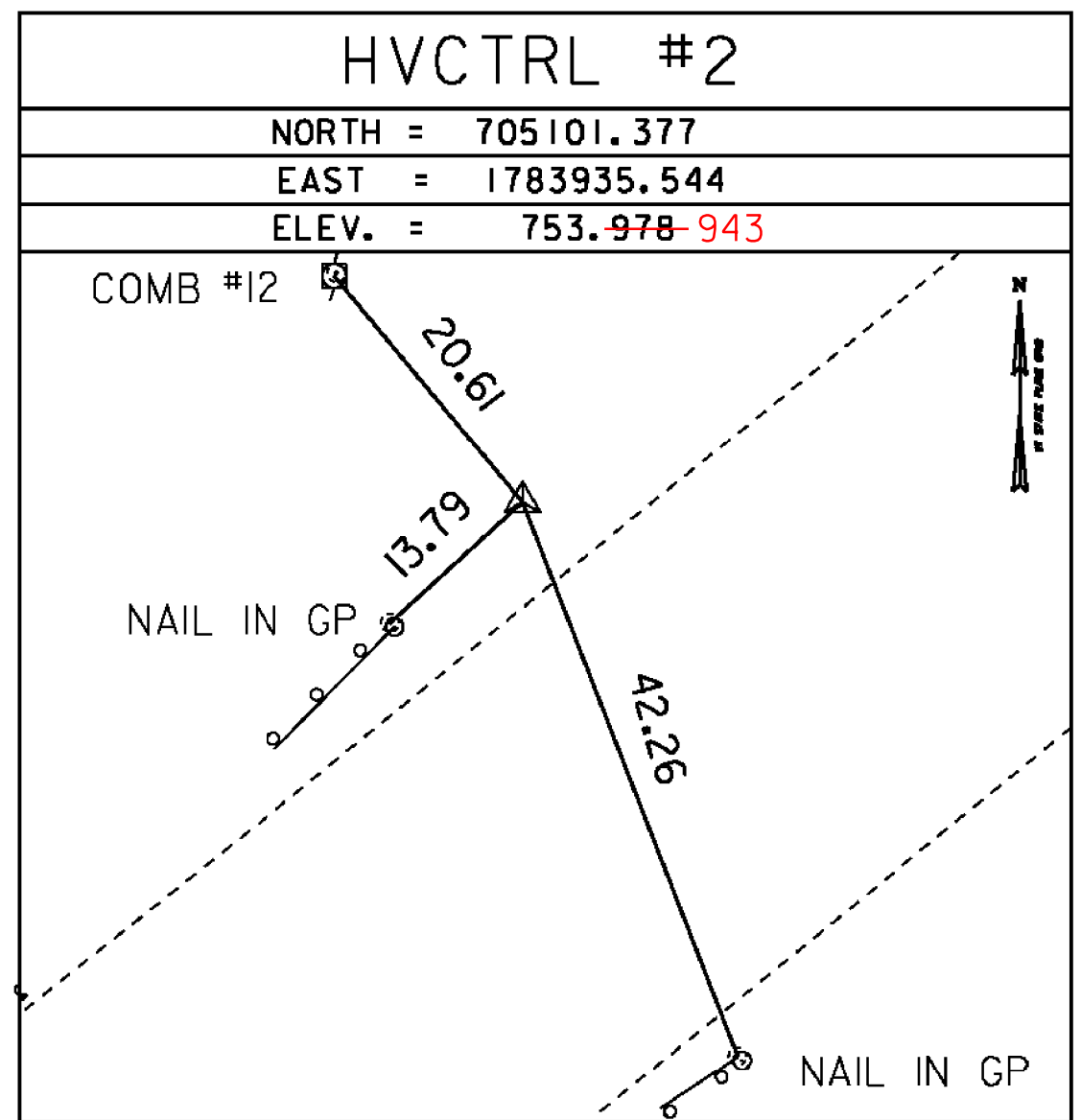
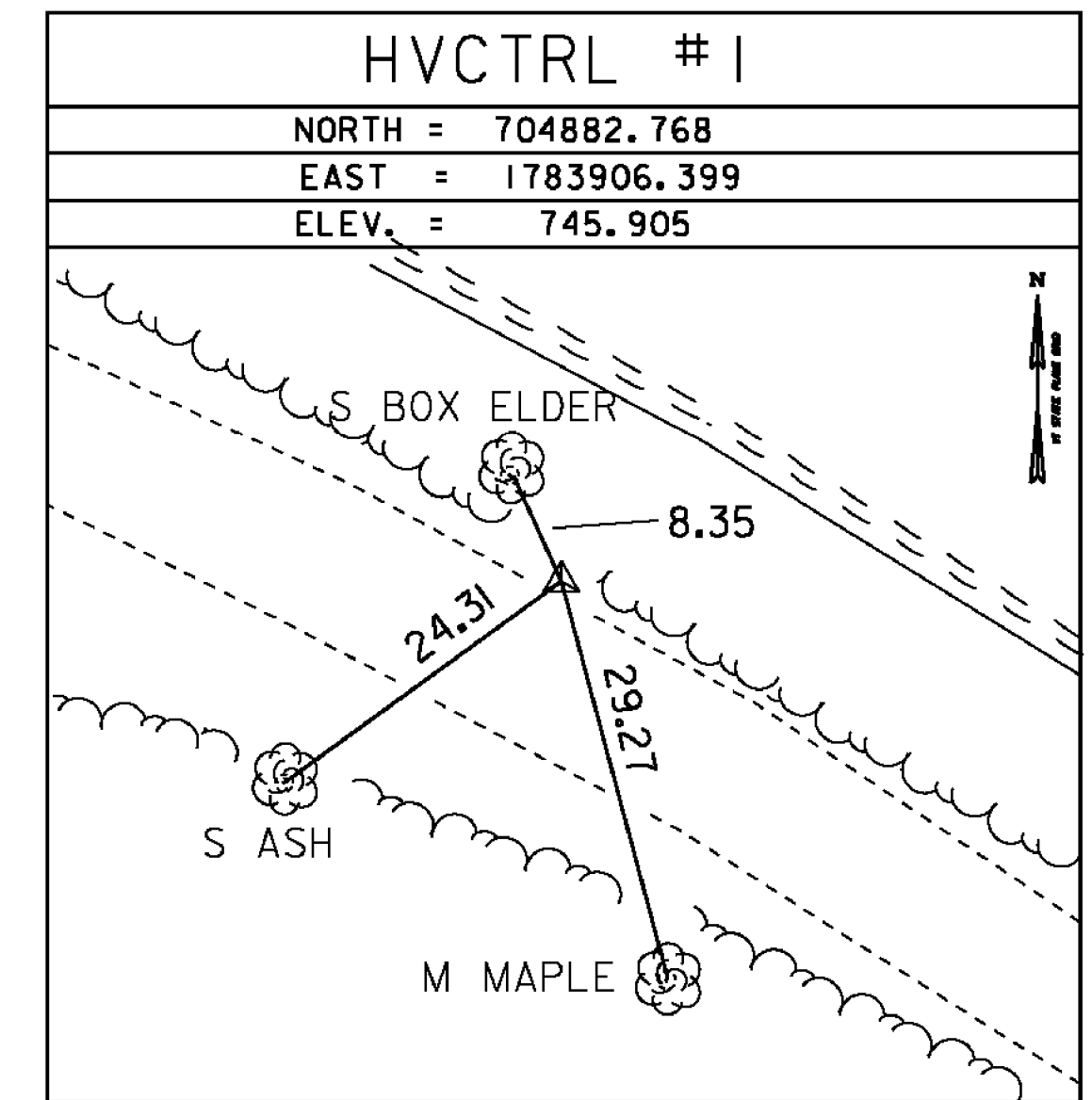
OLCOTT AZ MK

NORTH = 709931.612  
 EAST = 1785554.372  
 ELEV. = 800.425

GENERAL LOCATION, EAST ST. JOHNSBURY, VT. OWNERSHIP, LEN OLCOTT, P.O. BOX 40, EAST ST. JOHNSBURY, VT 05838. PHONE (802) 748-9475.  
 TO REACH FROM THE INTERSECTION OF U.S. ROUTE 2 AND VT ROUTE 18 EAST OF ST. JOHNSBURY GO EAST ALONG U.S. ROUTE 2 FOR 1.8 MI (2.9 KM) TO THE INTERSECTION OF SEVERANCE HILL ROAD LEFT. CONTINUE STRAIGHT AHEAD AND GO EAST ALONG U.S. ROUTE 2 FOR 0.1 MI (0.2 KM) TO THE INTERSECTION OF A GRAVEL DRIVE LEFT JUST WEST OF THE GROVE CEMETERY. TURN LEFT AND GO NORTH ALONG THE GRAVEL DRIVE FOR 0.1 MI (0.2 KM) TO THE OLCOTT RESIDENCE AND SITE OF MARK NORTH OF THE HOUSE AND JUST NORTH OF THE NORTH EDGE OF A LAWN. THE MARK IS SET IN THE TOP OF THE SOUTH END OF A MASSIVE ROCK OUTCROP. IT IS 22.8 M (74.8 FT) NORTH OF THE NORTHWEST CORNER OF THE PORCH, 27.4 M (89.9 FT) NORTHWEST OF THE NORTHEAST CORNER OF THE HOUSE, AND 36.7 M (120.4 FT) WEST OF A WIRE FENCE SEPERATING THE OLCOTT PROPERTY AND THE GROVE CEMETERY.

GENERAL LOCATION, EAST ST. JOHNSBURY, VT. TO REACH FROM THE INTERSECTION OF U.S. ROUTE 2 AND VT ROUTE 18 EAST OF ST. JOHNSBURY GO EAST ALONG U.S. ROUTE 2 FOR 1.6 MI (2.6 KM) TO A SMALL ROCK CUT ON THE LEFT AND THE SITE OF THE MARK ON THE LEFT AT THE NORTHEAST END OF ROCK CUT. IT IS 0.2 MI (0.3 KM) SOUTHWEST ALONG U.S. ROUTE 2 FROM THE INTERSECTION OF U.S. ROUTE 2 AND SEVERANCE HILL ROAD. THE MARK IS 7.0 M (23.0 FT) NORTHWEST OF AND ABOUT 1.2 M (3.9 FT) HIGHER THAN THE CENTERLINE OF U.S. ROUTE 2, 51.1 M (167.7 FT) SOUTHWEST OF THE CENTERLINE OF A GATED GRAVEL ROAD, 29.8 M (97.8 FT) SOUTHWEST OF POLE NO. 139, 0.6 M (2.0 FT) NORTHWEST OF THE SOUTHEAST FACE OF THE ROCK CUT, AND 1.0 M (3.3 FT) SOUTHEAST OF A FIBERGLASS WITNESS POST.

TRAVERSE TIES



\* MAIN TRAVERSE COMPLETED: NOV 10 1998 BY R. GILMAN PC, T. COMPANION

ALIGNMENT DATA

	US 2			DRIVE 1			DRIVE 2				
	STATION	NORTHING	EASTING	STATION	NORTHING	EASTING	STATION	NORTHING	EASTING		
POB	374+86.12	704724.9597	1783378.9489	29+99.95	704921.3301	1783746.3975	40+00.00	704921.3301	1783746.3975		
PC	378+37.84	704888.1126	1783690.5441	30+13.98	704909.6839	1783754.2073	40+12.46	704910.9813	1783753.3373		
PI	379+00.03	704916.9560	1783745.6302	30+29.61	704896.6992	1783762.9147	40+33.05	704893.8826	1783764.8035		
	Radius:		600.00	Radius:		24.00	Radius:		24.00		
	Delta:		11°50'00" Left	Delta:		66°09'42" Right	Delta:		81°14'47" Left		
	Degree of Curvature (Arc):		9°32'57"	Degree of Curvature (Arc):		238°43'57"	Degree of Curvature (Arc):		238°43'57"		
	Length:		123.92	Length:		27.71	Length:		34.03		
	Tangent:		62.18	Tangent:		15.63	Tangent:		20.59		
	Chord:		123.70	Chord:		26.20	Chord:		31.25		
	Middle Ordinate:		3.20	Middle Ordinate:		3.89	Middle Ordinate:		5.78		
	External:		3.21	External:		4.64	External:		7.62		
PT	379+61.76	704956.4826	1783793.6308	PT	30+41.69	704883.4868	1783754.5569	PRC	40+46.49	704902.6131	1783783.4480
PC	384+11.77	705242.5425	1784141.0178	POE	30+71.49	704858.3047	1783738.6275	PI	40+66.25	704910.9908	1783801.3392
PI	385+34.18	705320.3555	1784235.5129								
	Radius:		1146.30					Radius:		60.00	
	Delta:		12°11'26" Left					Delta:		36°26'57" Right	
	Degree of Curvature (Arc):		4°59'54"					Degree of Curvature (Arc):		95°29'35"	
	Length:		243.90					Length:		38.17	
	Tangent:		122.41					Tangent:		19.76	
	Chord:		243.44					Chord:		37.53	
	Middle Ordinate:		6.48					Middle Ordinate:		3.01	
	External:		6.52					External:		3.17	
PT	386+55.67	705416.3681	1784311.4456					PT	40+84.66	704907.1004	1783820.7079
POE	386+81.31	705436.4808	1784327.3520					POE	41+13.82	704901.3588	1783849.2927

DATUM	
VERTICAL	NAVD 88
HORIZONTAL	NAD-83(96)
ADJUSTMENT	COMPASS

PROJECT NAME:	ST. JOHNSBURY	PLOT DATE:	28-AUG-2012
PROJECT NUMBER:	BRF 028-4(25)S	DRAWN BY:	R. BULLOCK
FILE NAME:	s98b320tie.dgn	CHECKED BY:	C. CARLSON
PROJECT LEADER:	C. CARLSON	SHEET	9 OF 62
DESIGNED BY:	H. SALLS		
TIE SHEET			