

GPS CONTROL POINTS

HVCTRL #1

STANDARD DISC STAMPED

RAINBOW AZ

\*\* N = 48127.423

E = 17026.428

ELEV. =

GENERAL LOCATION, IRASBURG, VT. TO REACH FROM THE INTERSECTION OF I-91 AND I-91 AT EXIT 27 IN DERBY GO SOUTH ALONG I-91 SOUTHBOUND FOR 7.2 MI (11.6 KM) TO MILE MARKER 162.90 ON THE RIGHT AND THE SITE OF THE MARK ON THE RIGHT ON A GRASSY SLOPE ABOVE THE SOUTHWEST END OF A ROCK CUT. IT IS 1.4 MI (2.3 KM) NORTH ALONG I-91 FROM EXIT 26 IN ORLEANS. THE MARK IS SET IN THE TOP OF A 2.0 M (6.6 FT) X 0.5 M (1.6 FT) ROCK OUTCROP WHICH PROJECTS ABOUT 10 CM ABOVE GROUND SURFACE. IT IS 31.0 M (101.7 FT) (SLOPE) NORTHWEST OF THE NORTHWEST EDGE OF PAVEMENT OF I-91 SOUTHBOUND, 39.3 M (128.9 FT) (SLOPE) SOUTHWEST OF THE RIGHT-OF-WAY FENCE, 36.8 M (120.7 FT) SOUTHWEST OF A 35 CM ASH, 24.7 M (81.0 FT) NORTHEAST OF A 25 CM ELM, AND 1.4 M (4.6 FT) NORTHWEST OF A FIBERGLASS WITNESS POST.

HVCTRL #2

STANDARD DISC STAMPED

RAINBOW

\*\* N = 43347.296

E = 20148.236

ELEV. = 762.57

GENERAL LOCATION, BARTON, VT., IN THE VILLAGE OF ORLEANS. TO REACH FROM THE MOST EASTERLY INTERSECTION OF VT ROUTE 58 AND U.S. ROUTE 5 GO NORTHEAST ALONG VT ROUTE 58 FOR 0.6 MI (1.0 KM) TO THE INTERSECTION OF WILLOUGHBY AVENUE LEFT, TURN LEFT AND GO NORTHEAST ALONG WILLOUGHBY AVENUE FOR 0.25 MI (0.40 KM) TO THE SITE OF THE MARK ON THE LEFT, ABOUT OPPOSITE THE ENTRANCE DRIVE TO THE PLEASANT VIEW CEMETERY. THE MARK IS SET 4 CM BELOW GROUND SURFACE IN THE TOP OF A 30 CM DIAMETER CONCRETE MONUMENT. IT IS 5.6 M (18.4 FT) NORTHWEST OF AND ABOUT 0.1M (0.3 FT) LOWER THAN THE CENTERLINE OF WILLOUGHBY AVENUE, 24.4 M (80.1 FT) NORTH NORTHWEST OF THE MOST NORTHEASTERLY BRICK MASONRY GATE POST FOR THE CEMETERY, 16.8 M (55.1 FT) WEST OF POLE NO 12, AND 13.3 M (43.6 FT) SOUTHWEST OF A GUY POLE AND A FIBERGLASS WITNESS POST.

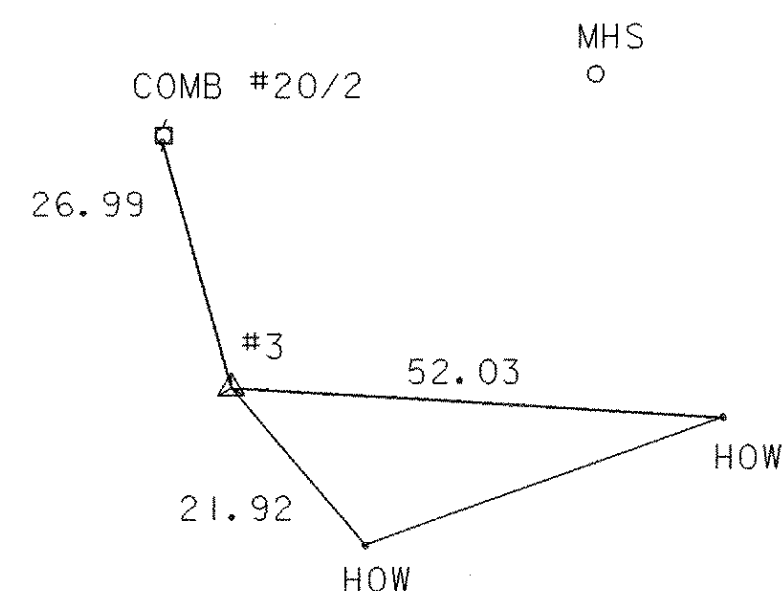
\*\* TO ALLOW THE AGENCY DESIGN PLANE COORDINATES TO FIT THE STATE PLANE COORDINATES, ADD 800000 TO THE NORTHING & ADD 1700000 TO THE EASTINGS, TO THE ABOVE AND BELOW VALUES.

\* DESCRIPTION PROVIDED BY VERMONT AGENCY OF TRANSPORTATION GEODETIC SURVEY UNIT

TRAVERSE TIES

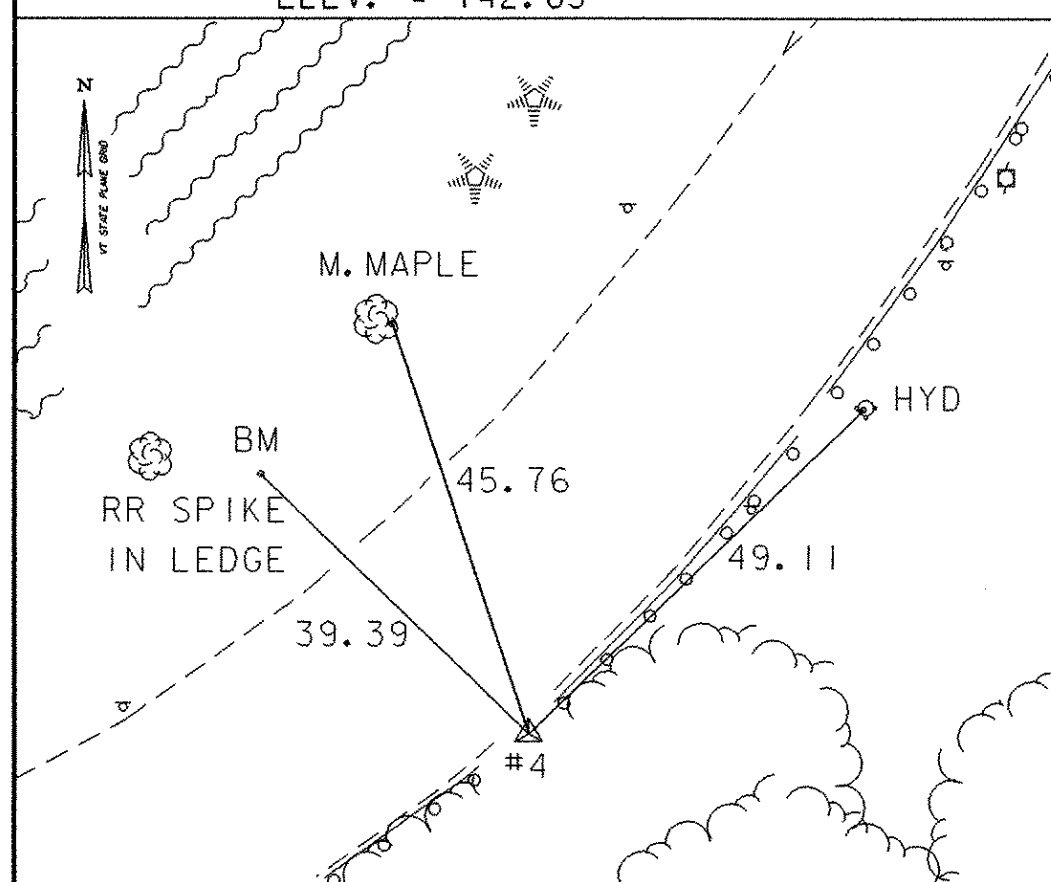
HVCTRL #3

NORTH = 42590.49  
EAST = 19236.02  
ELEV. = 761.87



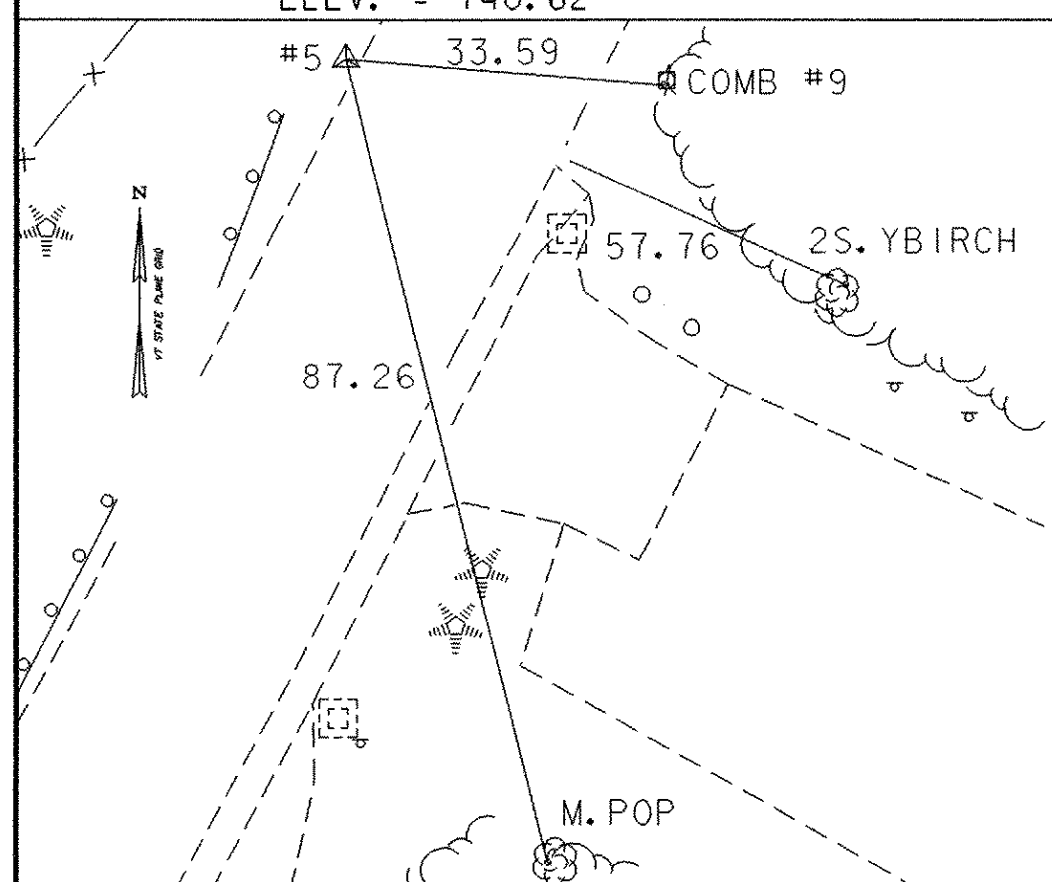
HVCTRL #4

NORTH = 42690.55  
EAST = 19735.20  
ELEV. = 742.63



HVCTRL #5

NORTH = 43038.32  
EAST = 19909.48  
ELEV. = 740.62



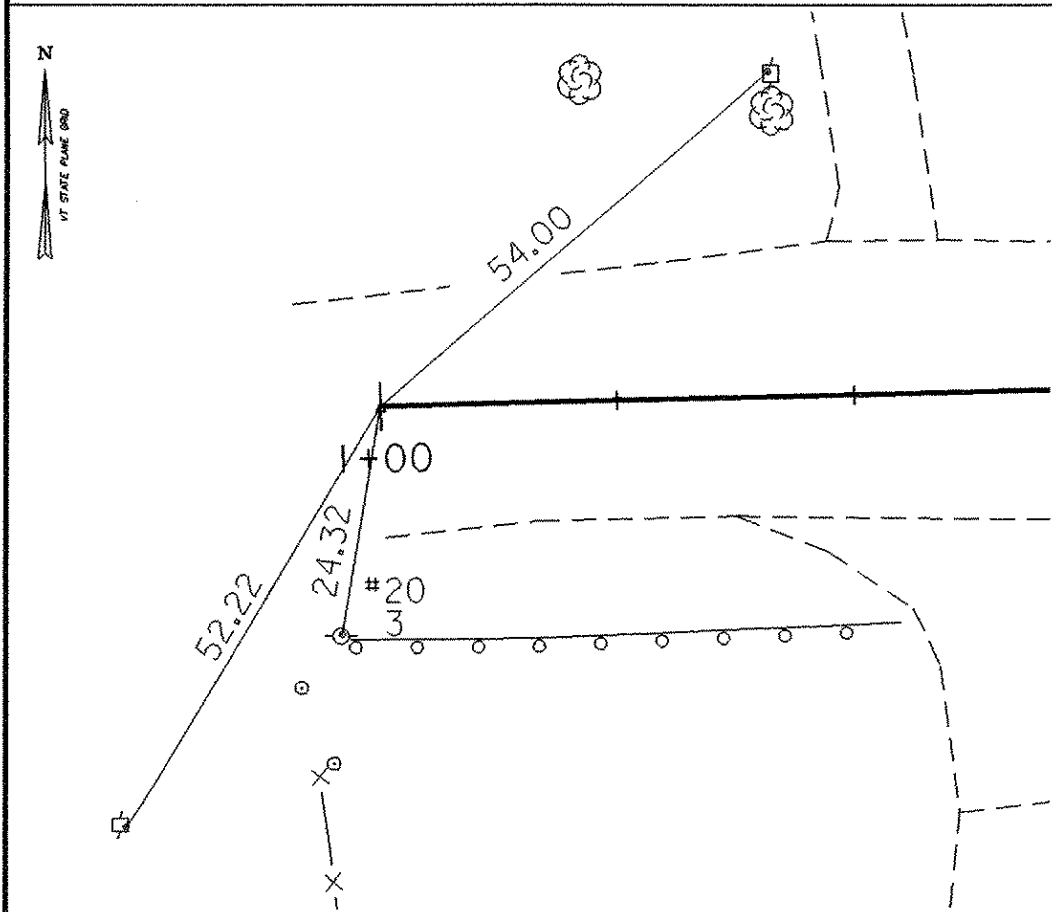
NORTH =  
EAST =  
ELEV. =

\* MAIN TRAVERSE COMPLETED : OCTOBER 21, 2001 BY R. GILMAN, P. WINTERS, T. WILSON, & D. BREER

ALIGNMENT TIES

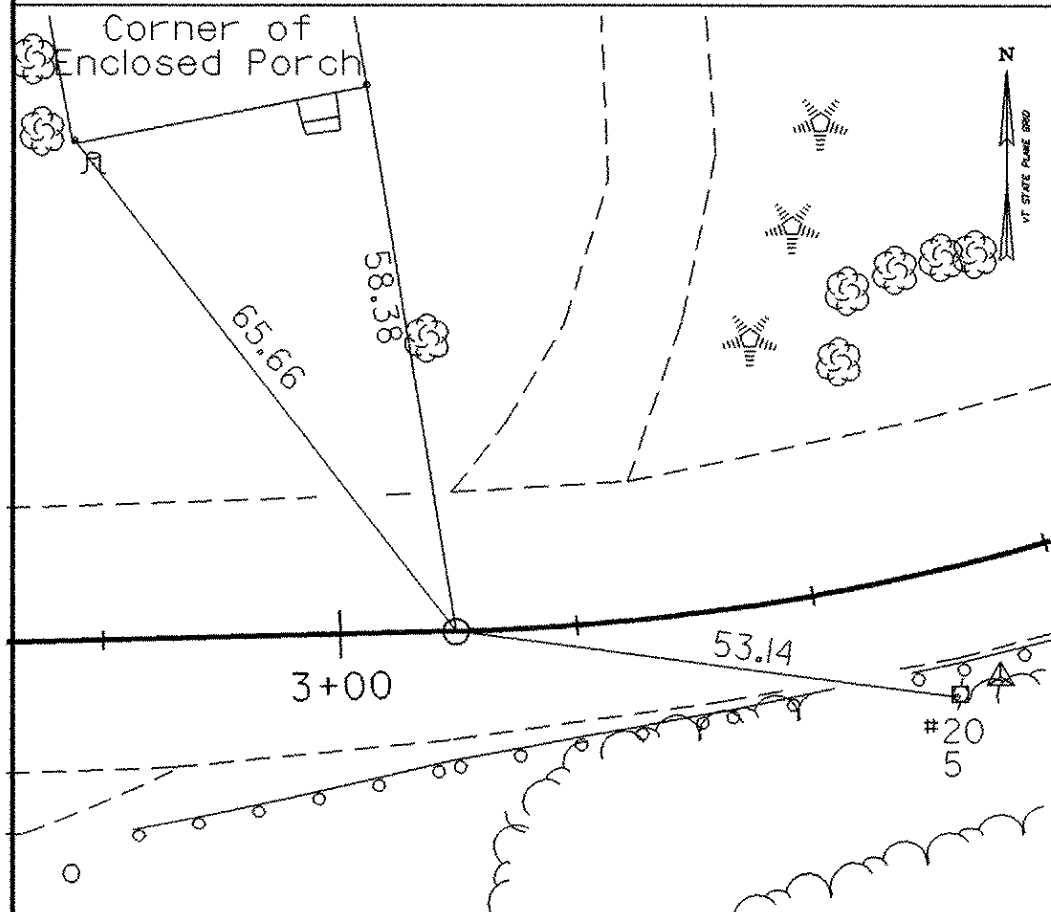
POT 1+00.00

NORTH = 42638.16  
EAST = 19361.18



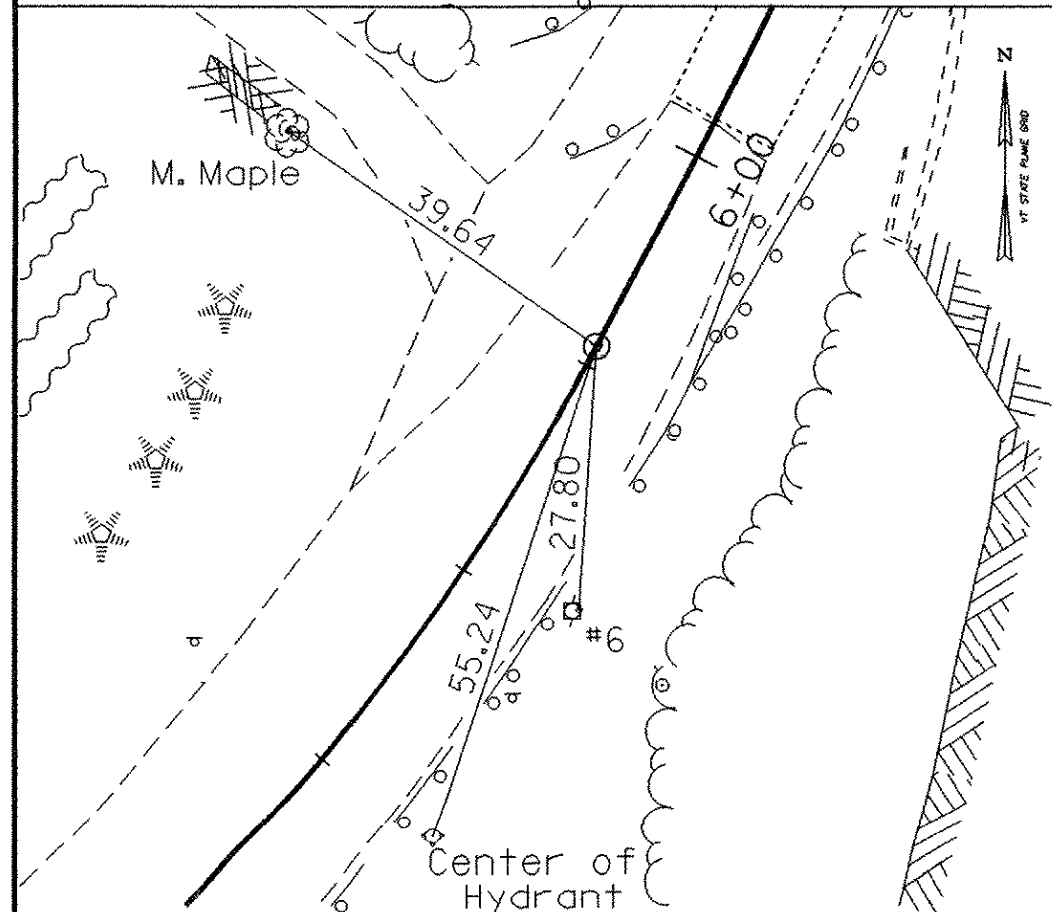
PC 3+12.24

NORTH = 42643.54  
EAST = 19573.34



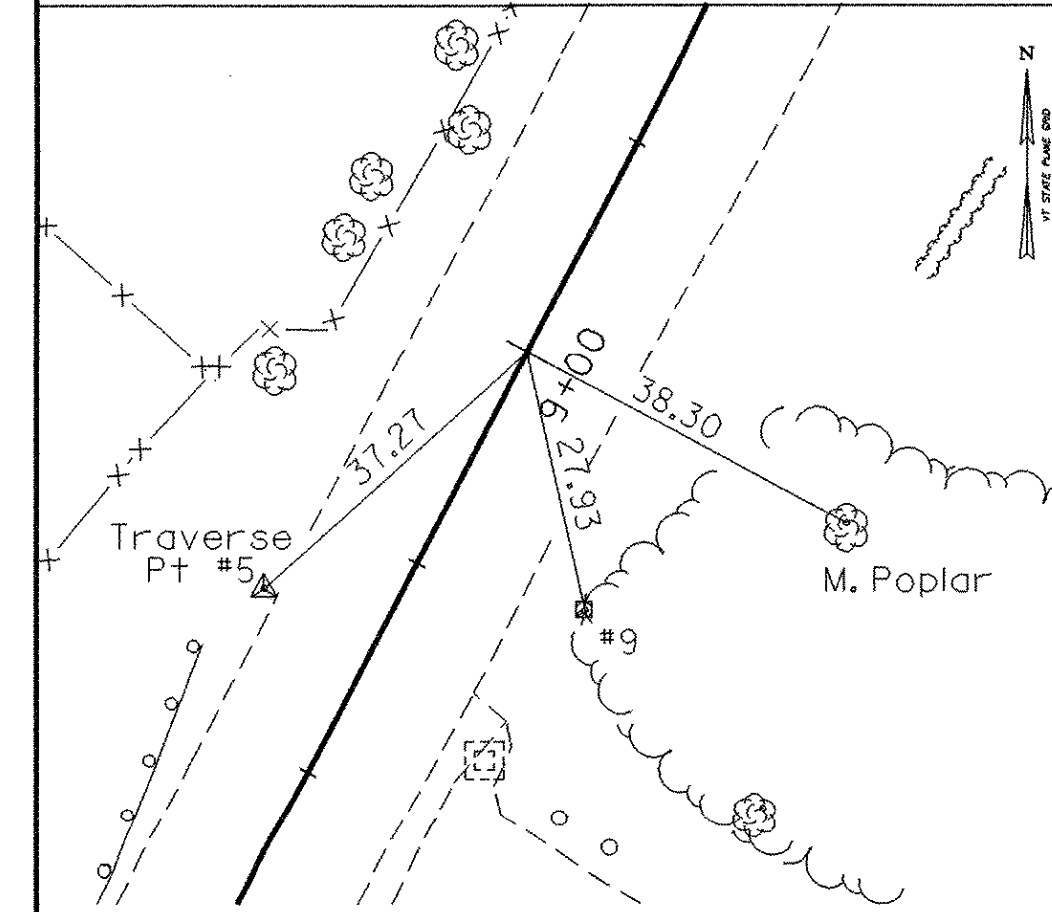
PT 5+77.29

NORTH = 42777.22  
EAST = 19787.81



POT 9+00.00

NORTH = 43063.24  
EAST = 19937.26



NORTH =  
EAST =

\* ALIGNMENT STAKED 05/22/03 by R. Gilman P.C. & P. Winters

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

PROJECT NAME:	BARTON	PLOT DATE:	02-APR-2007
PROJECT NUMBER:	BRO 1449(29)	DRAWN BY:	J. H. & R. B.
FILE NAME:	01j168/survey/xj168t1.dgn	CHECKED BY:	T. SUMNER
PROJECT LEADER:	W. SYMONDS	SHEET	14 OF 84
DESIGNED BY:	J. REED		

**TIE SHEET**