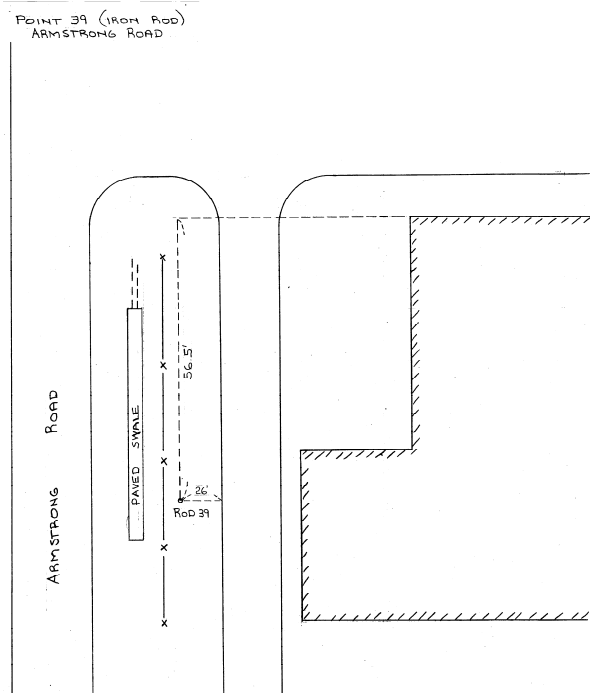


Town of Plymouth Data Sheet

Station:	Point 39	ARMSTRONG ROAD		NGS PID#		ID#	
Town:	Plymouth		Quad: Plym				
NAD83	Northerly	Easterly	NAD 27	Northerly	Easterly		
(Survey Ft)	2809862.659	874841.821	(Survey Ft)	349193.558	818540.304		
(meters)	856447.851	266652.320	(meters)	106434.409	249491.584		
						Order	
Elevation	Vert. Datum f/m	Order	Stamping:	39			
NAVD88	200.154/61.007		Sketch				
NAVD29	200.971/61.256		Recov. Date:	May 30, 2014			
Marked by:	Iron Rod						
Description:	3' Iron Rod set. 2002						
Reference Marks:							
Azimuth Data:							
Geodetic:	ARMSTRONG ROAD GPS OBSERVATION FILE: 50371500.14o OP1401716717928 NGS OPUS SOLUTION REPORT ===== All computed coordinate accuracies are listed as peak-to-peak values. For additional information: http://www.ngs.noaa.gov/OPUS/about.jsp#accuracy USER: rfirth@townhall.plymouth.ma.us DATE: June 02, 2014 RINEX FILE: 5037150m.14o TIME: 13:45:43 UTC SOFTWARE: page5 1209.04 master53.pl 022814 START: 2014/05/30 12:59:00 EPHEMERIS: igr17945.eph [rapid] STOP: 2014/05/30 16:31:00 NAV FILE: brdc1500.14n OBS USED: 6682 / 6812 : 98% ANT NAME: TRM33429.00+GP NONE # FIXED AMB: 32 / 32 : 100% ARP HEIGHT: 1.499616 OVERALL RMS: 0.011(m) REF FRAME: NAD_83(2011)(EPOCH:2010.0000) IGS08 (EPOCH:2014.4099) X: 1570360.511(m) 0.005(m) 1570359.668(m) 0.005(m) Y: -4483252.221(m) 0.010(m) -4483250.782(m) 0.010(m) Z: 4241956.477(m) 0.002(m) 4241956.459(m) 0.002(m) LAT: 41 57 20.02859 0.006(m) 41 57 20.06363 0.006(m) E LON: 289 18 14.25776 0.008(m) 289 18 14.24387 0.008(m) W LON: 70 41 45.74224 0.008(m) 70 41 45.75613 0.008(m) EL HGT: 32.687(m) 0.006(m) 31.458(m) 0.006(m) ORTHO HGT: 61.007(m) 0.016(m) [NAVD88 (Computed using GEOID12A)] UTM COORDINATES STATE PLANE COORDINATES UTM (Zone 19) SPC (2001 MA M)						

To convert meters to US survey feet
Multiply by 3.280833333

	Northing (Y) [meters] 4646233.598 856447.851 Easting (X) [meters] 359438.144 266652.317 Convergence [degrees] -1.13407932 0.54004331 Point Scale 0.99984312 0.99997365 Combined Factor 0.99983799 0.99996852 US NATIONAL GRID DESIGNATOR: 19TCG5943846233(NAD 83) BASE STATIONS USED PID DESIGNATION LATITUDE LONGITUDE DISTANCE(m) DI0876 ACU5 ACUSHNET 5 CORS ARP N414436.796 W0705313.026 28387.8 D09467 MADA DARTMOUTH CORS ARP N413822.848 W0710141.393 44642.2 D09469 MAFA FALMOUTH CORS ARP N413711.076 W0703227.304 39465.3 NEAREST NGS PUBLISHED CONTROL POINT LW5760 10333 N415744.978 W0704132.823 826.7 This position and the above vector components were computed without any knowledge by the National Geodetic Survey regarding the equipment or field operating procedures used.
Grid Azimuth:	
	GET PHOTO



To convert meters to US survey feet
 Multiply by 3.280833333