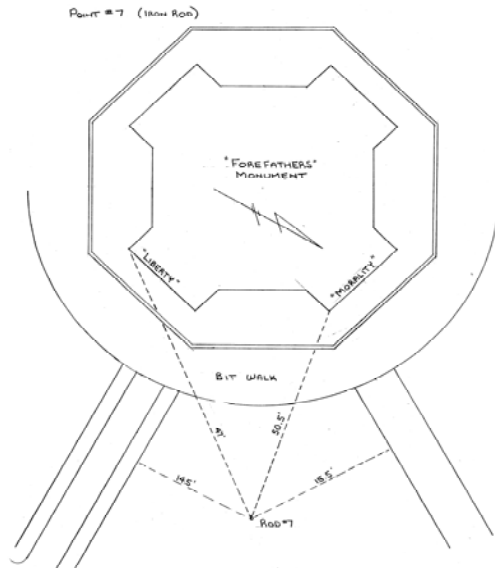


Town of Plymouth Data Sheet

Station:	Point 7	Forefathers Monument		NGS PID#		ID#	
Town:	Plymouth		Quad: Plym				
NAD83	Northerly	Easterly	NAD 27	Northerly	Easterly		
(Survey Ft)	2811601.97194	880366.91182	(Survey Ft)	350932.781	824065.4126		
(meters)	856977.9950	268336.37139	(meters)	106964.5255	251175.64012		
						Order	
Elevation	Vert. Datum f/m	Order	Stamping:	7			
NAVD88	115.131/35.092		Sketch	See Book			
NAVD29	115.96/35.343		Recov. Date:	Oct 8, 2002			
Marked by:	Iron Rod						
Description:	3' Iron Rod set flush.						
Reference Marks:							
Azimuth Data:							
Geodetic:	<pre> FILE: 50372120.08o 000412519 NGS OPUS SOLUTION REPORT ===== All computed coordinate accuracies are listed as peak-to-peak values. For additional information: www.ngs.noaa.gov/OPUS/Using_OPUS.html#accuracy USER: rfirth@townhall.plymouth.ma.us DATE: August 13, 2008 RINEX FILE: 5037212n.08o TIME: 14:40:16 UTC SOFTWARE: page5 0612.06 master10.pl START: 2008/07/30 13:30:00 EPHEMERIS: igr14903.eph [rapid] STOP: 2008/07/30 18:47:00 NAV FILE: brdc2120.08n OBS USED: 11369 / 11795 : 96% ANT NAME: TRM33429.00+GP NONE # FIXED AMB: 47 / 51 : 92% ARP HEIGHT: 1.603248 OVERALL RMS: 0.015(m) REF FRAME: NAD_83(CORS96)(EPOCH:2002.0000) ITRF00 (EPOCH:2008.5783) X: 1571834.499(m) 0.021(m) 1571833.762(m) 0.021(m) Y: -4482351.060(m) 0.006(m) -4482349.618(m) 0.006(m) Z: 4242321.461(m) 0.024(m) 4242321.388(m) 0.024(m) LAT: 41 57 36.68993 0.015(m) 41 57 36.72295 0.015(m) E LON: 289 19 27.60278 0.020(m) 289 19 27.59330 0.020(m) W LON: 70 40 32.39722 0.020(m) 70 40 32.40670 0.020(m) EL HGT: 6.825(m) 0.019(m) 5.583(m) 0.019(m) ORTHO HGT: 35.092(m) 0.032(m) [NAVD88 (Computed using GEOID03)] UTM COORDINATES STATE PLANE COORDINATES UTM (Zone 19) *** NOTE *** Northing (Y) [meters] 4646714.250 Please manually select Easting (X) [meters] 361136.741 SPC zone. Convergence [degrees] -1.12055250 Point Scale 0.99983728 Combined Factor 0.00000000 </pre>						

To convert meters to US survey feet
Multiply by 3.280833333

	US NATIONAL GRID DESIGNATOR: 19TCG6113746714(NAD 83) BASE STATIONS USED <table border="1"> <thead> <tr> <th>PID</th> <th>DESIGNATION</th> <th>LATITUDE</th> <th>LONGITUDE</th> <th>DISTANCE(m)</th> </tr> </thead> <tbody> <tr> <td>DH5837</td> <td>CTPU PUTNAM CORS ARP</td> <td>N415358.888</td> <td>W0715320.889</td> <td>100869.8</td> </tr> <tr> <td>AF9520</td> <td>WES2 WESTFORD CORS ARP</td> <td>N423647.975</td> <td>W0712935.968</td> <td>99051.2</td> </tr> <tr> <td>DF9215</td> <td>ZBW1 BOSTON WAAS 1 CORS ARP</td> <td>N424408.559</td> <td>W0712849.518</td> <td>108708.3</td> </tr> </tbody> </table> NEAREST NGS PUBLISHED CONTROL POINT LW4604 PLYMOUTH NATIONAL MONUMENT N415736.487 W0704033.157 18.6 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.	PID	DESIGNATION	LATITUDE	LONGITUDE	DISTANCE(m)	DH5837	CTPU PUTNAM CORS ARP	N415358.888	W0715320.889	100869.8	AF9520	WES2 WESTFORD CORS ARP	N423647.975	W0712935.968	99051.2	DF9215	ZBW1 BOSTON WAAS 1 CORS ARP	N424408.559	W0712849.518	108708.3
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