

Town of Plymouth Data Sheet

Station:	Point 126	KATHLEEN DRIVE		NGS PID#		ID#	
Town:	Plymouth		Quad: Man				
NAD83	Northerly	Easterly	NAD 27	Northerly	Easterly		
(Survey Ft)	2786704.15801	913191.18769	(Survey Ft)	326034.63887	856889.2086		
(meters)	849389.12614	278341.23069	(meters)	99375.55668	261180.35314		
						Order	
Elevation	Vert. Datum f/m	Order	Stamping:				
NAVD88	36.971/11.269		Sketch				
NAVD29	37.81/11.525		Recov. Date:	Oct 5, 2007			
Marked by:	Pk						
Description:	Pk Fnd at Cul-de-sac						
Reference Marks:							
Azimuth Data:							
Geodetic:	NGS OPUS SOLUTION REPORT ===== USER: rfirth@townhall.plymouth.ma.us RINEX FILE: 5037278m.07o SOFTWARE: page5 0612.06 master12.pl EPHEMERIS: igr14475.eph [rapid] NAV FILE: brdc2780.07n ANT NAME: TRM33429.00+GP NONE ARP HEIGHT: 1.524 REF FRAME: NAD_83(CORS96)(EPOCH:2002.0000) X: 1582897.754(m) 0.014(m) Y: -4483888.396(m) 0.014(m) Z: 4236582.390(m) 0.019(m) LAT: 41 53 27.36953 0.005(m) E LON: 289 26 38.39741 0.015(m) W LON: 70 33 21.60259 0.015(m) EL HGT: -16.912(m) 0.023(m) ORTHO HGT: 11.269(m) 0.034(m) UTM COORDINATES UTM (Zone 19) Northing (Y) [meters] 4638837.619 Easting (X) [meters] 370914.160 Convergence [degrees] -1.03910785 Point Scale 0.99980504 Combined Factor 0.00000000 US NATIONAL GRID DESIGNATOR: 19TCG7091438838(NAD 83) BASE STATIONS USED PID DESIGNATION LATITUDE LONGITUDE DISTANCE(m) DH5837 CTPU PUTNAM CORS ARP N415358.888 W0715320.889 110634.3 DATE: October 09, 2007 TIME: 11:44:47 UTC START: 2007/10/05 12:38:00 STOP: 2007/10/05 17:21:00 OBS USED: 7766 / 10378 : 75% # FIXED AMB: 57 / 62 : 92% OVERALL RMS: 0.018(m) ITRF00 (EPOCH:2007.7606) 1582897.019(m) 0.014(m) -4483886.955(m) 0.014(m) 4236582.323(m) 0.019(m) 41 53 27.40261 0.005(m) 289 26 38.38815 0.015(m) 70 33 21.61185 0.015(m) -18.151(m) 0.023(m) [Geoid03 NAVD88] STATE PLANE COORDINATES *** NOTE *** Please manually select SPC zone.						

To convert meters to US survey feet
Multiply by 3.2808333333

	AF9520 WES2 WESTFORD CORS ARP N423647.975 W0712935.968 111451.2 DI0876 ACU5 ACUSHNET 5 CORS ARP N414436.796 W0705313.027 32001.4 NEAREST NGS PUBLISHED CONTROL POINT LW1533 N 43 N415400. W0703259. 1135.2 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:	



To convert meters to US survey feet
Multiply by 3.2808333333