

Station Name: 664 09 01

Horizontal Datum: NAD 83/91
 Vertical Datum: NAVD 88
 Control Point ID: Book: 664

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State: Washington
 County: Snohomish
 Established By: C of E

Section: 29

Township: 29 N

Range: 5 E

LATITUDE: 47 58 36.33796
 LONGITUDE: 122 11 59.82500

ORTHOMETRIC HEIGHT: 69.20 Feet
 Washington State Plane Coordinates - North Zone

	Northing	Easting	Point Scale Factor (to 9 decimal places)	Convergence Deg Min Sec
Feet	359264.338	1305708.661	0.999945276	-01 01 02.9
Meters	109503.9891	397980.7960		

HORIZONTAL DATA:

Data sheet prepared by Geodetic Consultants 10/20/97.

Horizontal coordinates were established by GPS observations in 1997 using the Leica Rapid Static survey and SKI software.

Relative point position accuracy : 0.01 ft N @ 1 sigma (unconstrained), and 0.03 ft E @ 1 sigma, constrained to City points Paine Field, E011Reset, E093, E077 and VIEW.

Surveyors estimated cumulative positional accuracy 0.05 ft @ 1 sigma.

VERTICAL DATA:

Vertical Data: Elevation has been determined with differential leveling by Trepanier Engineering.

Relative point position accuracy: 0.01 ft @ 1 sigma (unconstrained) and 0.01 ft @ 1 sigma constrained to City point 664 08 01 as leveled to by INCA Engineers.

Correction factor to NGVD29 = -1.122 m.

The Old City of Everett Monument Book show's an elevation of 69.17 ft for this mark relative to NAVD88, however this elevation should be used with caution because of the lack of information about how this elevation was established.

MONUMENT DESCRIPTION

A 4 inch iron pipe set under an iron monument case and cover with a 2 inch lead plug and copper tack. The Old City of Everett Monument Book describes the monument as a Standard City of Everett Monument that is 22 feet East and 22 feet North of the center of the intersection.

TO REACH

Set in the Northeast angle of the intersection of Pacific Avenue and Mc Dougal Avenue.

REFERENCES are compass bearings with 21 degrees East Declination

Az from North	Distance	Reference Description
N 43 degrees E	21.9 ft	to a power line pole in the NE angle of the intersection
S 8 degrees E	69.2 ft	to a power line pole in the SE angle of the intersection
N 62 degrees W	59.0 ft	to a stop sign in the NW angle of the intersection

Month Year Recovered :
 02/2002

Condition of Mark:
 Good

Recovered By:
 Perteet Eng.