

Station Name: 663 19 01

Horizontal Datum: NAD 83/91
Vertical Datum: NAVD 88
Control Point ID: Book: 663

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

Section: 17

Township: 29 N

Range: 5 E

LATITUDE: 48 00 00.66977

LONGITUDE: 122 11 20.29363

ORTHOMETRIC HEIGHT: 84.18 Feet
25.658 Meters

Washington State Plane Coordinates - North Zone

	Northing	Easting	Point Scale Factor (to 9 decimal places)	Convergence Deg Min Sec
Feet	367760.506	1308548.319	0.999944356	-01 00 33.5
Meters	112093.6265	398846.3254		

HORIZONTAL DATA:

Horizontal coordinates were established by GPS observations in 1997 using the Leica Rapid Static survey and SKI software.
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.
estimated cumulative positional accuracy 0.05 ft @ 1 sigma.

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

Relative point
Surveyors

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

Relative point position accuracy: 0.02 ft @ 1 sigma (unconstrained) and 0.02 ft @ 1 sigma constrained to City Bench Mark V050-.
Correction factor to NGVD29 = -1.121 m.

VERTICAL DATA:

MONUMENT DESCRIPTION

A 4 inch iron pipe set under an iron monument case and cover with a 2 inch lead plug and a brass pin.

TO REACH

Set in the Northeast angle of the intersection of 13th Street and East Marine View Drive.

REFERENCES are compass bearings with 21 degrees East Declination

Az from North	Distance	Reference Description
N 6 degrees W	20.6 ft	to a catch basin
S 68 degrees E	5.7 ft	to a manhole cover
S 7 degrees E	52.8 ft	to a fire hydrant

Month Year Recovered :

Condition of Mark:

Recovered By: