

**Station Name: 663 24 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 02.63307  
LONGITUDE: 122 11 29.22842

ORTHOMETRIC HEIGHT: 63.37 Feet  
19.315 Meters

**Washington State Plane Coordinates - North Zone**

	Northing	Easting	Point Scale Factor (to 9 decimal places)	Convergence Deg Min Sec
Feet	367970.123	1307944.312	0.999944337	-01 00 40.1
Meters	112157.5179	398662.2235		

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.  
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.

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

Relative point  
Surveyors

VERTICAL DATA:

**MONUMENT DESCRIPTION**

**A 4x4 inch concrete monument with a 1 3/4 inch brass cap with a punch mark set under an iron monument case and cover.**

**TO REACH**

**Set in the center of the cul-de-sac at the end of 13th street.**

**REFERENCES are compass bearings with 21 degrees East Declination**

Az from North	Distance	Reference Description
N 40 degrees W	28.0 ft	to a sewer manhole cover
S 62 degrees E	34.0 ft	to a street light pole
S 90 degrees W	20.0 ft	to a monument case and cover

Month Year Recovered :

Condition of Mark:

Recovered By: