

Station Name: 638 46 01

Horizontal Datum: NAD 83/91
 Vertical Datum: NAVD 88
 Control Point ID: Book: 638

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State: Washington
 County: Snohomish
 Established By: WJA

Section: 16

Township: 29 N

Range: 5 E

LATITUDE: 47 59 45.41764
 LONGITUDE: 122 10 45.14663

ORTHOMETRIC HEIGHT: 20.03 Feet
 6.105 Meters

Washington State Plane Coordinates - North Zone

	Northing	Easting	Point Scale Factor (to 9 decimal places)	Convergence Deg Min Sec
Feet	366173.342	1310911.104	0.999944510	-01 00 07.3
Meters	111609.8579	399566.5037		

HORIZONTAL DATA:

Horizontal position established by: Radial Raped Static GPS survey, GPS adjustment software used: Leica Ski.
 Relative point position accuracy: 0.03 ft. N & 0.01 ft. E @ sigma (unconstrained), and 0.03 ft. N & 0.01 ft. E constrained to City points VIEW & E077.
 Surveyor's estimated relative position accuracy 0.05 ft @ 1 sigma.

Data Sheet edited by Geodetic Consultants July 1996.
 Revised by Geodetic Consultants 5/5/97

VERTICAL DATA:

Vertical position established by: Digital differential leveling from: S003
 Adjustment software used: Digilev Ver. 10.94 d
 Loop Closure: 1:485,000
 Surveyor's estimated relative positional accuracy: 0.01 ft. @ 1 sigma.
 Correction factor to NGVD29:=-1.122 m

MONUMENT DESCRIPTION

U. S. Army Corps of Engineers brass cap set in a drill hole in a concrete slab 7 feet west of the southwest corner of a boat house at Langus Park.

TO REACH

REFERENCES

Az from North	Distance	Reference Description
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Month & Year Recovered :

Condition of Mark:

Recovered By: