

HORIZONTAL CONTROL DATA

State Plane in International Feet, Elevations in U.S. Survey Feet
Retrieval Date and Time: 08/19/1999 08:27:08

Station Number: 202	GEODETIC DATUM: NAD 83/91
Station Name: MNSHA AZ	LAT.: 43°31' 04.66596" N
Section: 33 Township: 23S Range: 9W	LONG: 123°46' 58.88645" W
1/4 Section: SE County: DOUGLAS	SPCS DATUM: ORS3602
Date Set: 06/28/1999 State: OR	Northing: 691765.320+/-0.036
Firm: David Evans and Associates, Inc.	Easting: 4050687.911+/-0.026
Addr: 2828 S.W. Corbett	VERTICAL DATUM: NAVD88
Portland, Oregon 97201-4830	GEOID MODEL: GEO96NW
(503) 223-6663	Orthometric Elev.: 1269.746
	+/-0.079
GPS: YES Type:	Ellipsoidal Elev.: 1192.549
Group: C Order: 1	Separation: -77.196
PPM: 10	Convergence: -2°14'45.85997"
	Scale Factor: 0.99991317

Statement per ORS 209.250(6)(g)
 Survey was done for Bonneville Power for a proposed line. Equipment used includes Kern tripods, Trimble 4000ssi's 4800's, GPSurvey and Geolab2. Horizontal controls are PID's PC0964, AA5135, QE2665, OA0733, AA5127, PC1116, AA5126, PC1117, vertical controls are PID's AA5127, OA0733, OA0660, OA0616, PC0512, PC0419, PC0689, PC0738, PC0591 and OSHD Benchmarks Y596, M675, J675.

Directions to the Monument:
 FROM REEDSPORT, GO EAST ON STATE HIGHWAY 38, 13.6 MILES, TURN RIGHT ON MILL CREEK ROAD, GO 13.7 MILES TO WTC ROAD #3260, TURN LEFT AND GO 1.2 MILES TO AN INTERSECTION, TURN LEFT AGAIN AND GO 1.75 MILES TO AN INTERSECTION, TURN LEFT AND GO 300 FEET TO AN INTERSECTION PAST SPUR, TURN RIGHT ON ROAD 3264 TO INTERSECTION OF 3264B AND 3278, GO RIGHT ON 3264B AND GO 0.2 MILES TO A FORK, STAY LEFT AND GO 0.4 MILES TO A FORK, STAY LEFT AND GO 1.0 MILES TO ROAD 3274, GO RIGHT 0.1 MILES TO TANK TRAP, CONTINUE ON FOOT 400 FEET TO STATION.

Monument Type: 3 1/4 inch Aluminum BPA cap on Aluminum rod
 Stamping: MNSHA AZ 1999
 Description of the Monument:
 STATION IS A STANDARD BPA ALUMINUM CAP MOUNTED ON A ROD DRIVEN TO REFUSAL. STATION IS LOCATED ON NORTHWEST SHOULDER OF DIRT ROAD ON A CLEARING ALONG A RIDGE, A WITNESS POST BEARS 4 FEET NORTHWEST.



6-30-2001
 SURVEYOR'S STAMP

1 meter = 3.28083333... U.S. Feet = 39.37 inches exactly
 1 meter = 3.280839895 Intl. Feet or 1 inch = 2.54 cm. exactly
 To calculate Elevation Factor (in the North American Continent)
 Divide 20,906,000 by 20,906,000 + Ellipsoid Elevation in feet