

HORIZONTAL CONTROL DATA

State Plane in International Feet, Elevations in U.S. Survey Feet
 Retrieval Date and Time: 08/19/1999 08:27:07

Station Number: 197	GEODETIC DATUM: NAD 83/91
Station Name: HOUSE AZ	LAT.: 43°41' 09.75220" N
Section: 3 Township: 22S Range: 8W	LONG: 123°37' 38.78648" W
1/4 Section: SE County: DOUGLAS	SPCS DATUM: ORS3602
Date Set: 06/09/1999 State: OR	Northing: 751406.582+/-0.023
Firm: David Evans and Associates, Inc.	Easting: 4094212.123+/-0.016
Addr: 2828 S.W. Corbett	VERTICAL DATUM: NAVD88
Portland, Oregon 97201-4830	GEOID MODEL: GEO96NW
(503) 223-6663	Orthometric Elev.: 435.585
	+/-0.049
GPS: YES Type:	Ellipsoidal Elev.: 359.187
Group: C Order: 1	Separation: -76.398
PPM: 10	Convergence: -2°8'22.669057"
	Scale Factor: 0.99993536

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:
 STATION IS LOCATED 1.35 MILES EAST NORTHEASTERLY OF THE UMPQUA RIVER WHERE IT CHANGES DIRECTIONS FROM NORTH TO WEST, 0.2 MILES NORTHWESTERLY OF PARADISE CREEK, 0.1 MILES NORTHEASTERLY OF CEDAR CREEK. STATION WAS REACHED BY HELICOPTER BUT COULD BE DRIVEN TO. STATION IS LOCATED 25 FEET EAST OF GRAVEL ROAD EDGE ON A SOUTHEAST FACING SLOPE THAT HAS BEEN CLEAR CUT.

Monument Type: 3 1/4 inch Aluminum BPA cap on Aluminum rod
 Stamping: HOUSE AZ 1999

Description of the Monument:
 STATION IS A STANDARD BPA ALUMINUM CAP MOUNTED ON A ROD DRIVEN TO REFUSAL. STATION IS LOCATED ABOUT 1/4 MILE EAST OF PARADISE CREEK ROAD AND 25 FEET EAST OF A GRAVEL ROAD EDGE ON A SOUTHEAST FACING SLOPE THAT'S BEEN CLEARCUT, A SMALL GROUP OF TALL EVERGREENS BEAR NORTH.



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