FILED JUL 5 2000

HORIZONTAL CONTROL DATA
State Plane in International Feet, Elevations in U.S. Survey Feet
Retrieval Date and Time: 08/19/1999 08:27:03

Station Number: 172
Station Name: DEER
Section: 18 Township: 27S Range: 4W
1/4 Section: SW County: DOUGLAS
Date Set: 05/26/1999 State: OR
Firm: David Evans and Associates, Inc.

Addr: 2828 S.W. Corbett

Portland,Oregon 97201-4830
(503) 223-6663

GPS: YES Type:
Group: C Order: 1
PPM: 10

GEODETIC DATUM: NAD 83/91
LAT.: 43°13' 03.17687" N
LONG: 123°13' 18.70734" W

SPCS DATUM: ORS3602
Northing: 576997.792+/-0.013
Easting: 4195877.373+/-0.010

VERTICAL DATUM: NAVD88
GEOID MODEL:GEO96NW
Orthometric Elev.: 669.094
+/-0.016
Ellipsoidal Elev.: 591.914
Separation: -77.181
Convergence: -1°51'43.75977"
Scale Factor: 0.99989497

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,AA 5126,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 THE DIXONVILLE STORE GO EAST ON BUCKHORN ROAD 0.2 MILES AND TURN LEFT INTO ROSEBURG FOREST PRODUCTS AND GO 1.0 MILES TO "T" INTERSECTION. MONUMENT IS ON LEFT.

Monument Type: 3 1/4 inch Aluminum BPA cap on Aluminum rod
Stamping: DEER 1999
Description of the Monument:
STATION IS A STANDARD BPA ALUMINUM CAP MOUNTED ON A ROD DRIVEN TO REFUSAL AND SET IN CONCRETE. STATION IS LOCATED IN THE NORTHWEST CORNER OF A T INTERSECTION. A PK AT THE CENTER OF THE INTERSECTION BEARS S 65° E 98.5 FEET, A FENCE CORNER BEARS N 43° E 89.5 FEET AND A CARSONITE WITNESS POST BEARS NORTH 4 FEET.

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.

C.S. File No. 65/31-29