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 08:26:50

Station Number: 123
Station Name: MNSHA
Section: 31 Township: 23S Range: 9W
1/4 Section: SW County: DOUGLAS
Date Set: 06/28/1999 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°31' 27.71445" N
LONG: 123°48' 26.94252" W

SPCS DATUM: ORS3602
Northing: 694352.240+/-0.030
Easting: 4044297.251+/-0.023

VERTICAL DATUM: NAVD88
GEOID MODEL:GEO96NW
Orthometric Elev.: 1038.685
+/-0.072
Ellipsoidal Elev.: 961.274
Separation: -77.411
Convergence: -2°15'46.10330"
Scale Factor: 0.99991385

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:
STATION LIES ON NORTH END OF INTERSECTION OF 4 ROADS. FROM REEDSPORT GO EAST ON HIGHWAY 38 13.6 MILES TO MILL CREEK ROAD, TURN RIGHT AND GO 13.7 MILES TO INTERSECTION OF WTC ROAD #3260 AND GO 1.2 MILES TO INTERSECTION. GO LEFT 1.75 MILES TO INTERSECTION OF COUNTY ROADS 3260, 3264, 3265, GO LEFT AND GO 300 FEET PAST SPUR ROAD ON RIGHT AND GO LEFT ON ROAD 3265. GO 1.3 MILES TO INTERSECTION OF FOUR ROADS AND THE STATION.

Monument Type: 3 1/4 inch Aluminum BPA cap on Aluminum rod
Stamping: MNSHA 1999
Description of the Monument:
STATION IS A STANDARD BPA ALUMINUM CAP MOUNTED
ON A ROD DRIVEN TO REFUSAL AND SET IN CONCRETE,
THE STATION IS LOCATED IN THE
NORTHWEST QUADRANT OF A FOUR ROAD INTERSECTION.
OPEN VIEWS TO THE NORTHWEST AND SOUTHEAST.


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. 65/31-14