

**MARION COUNTY
PUBLIC WORKS
COUNTY SURVEYOR**

**PUBLICATION DATE:6/1/1994
USGS QUAD SHEET:WOODBURN**

9438

CS NUMBER: PID:
CLASS WEIGHT: 0
HORIZONTAL DATUM:
VERTICAL DATUM :

**STATE: OREGON
COUNTY: MARION**

LATITUDE: 45 10 01.60220 **N** METERS
LONGITUDE: 122 51 54.08114 **W** METERS
ORTHOMETRIC HEIGHT : { 63.44812 METERS
208.16 FEET
DEFLECTIONS: -8 1.6 SECONDS
LAPLACE CORRECTION: No Data SECONDS
GEOED HEIGHT: -22.1337 METERS
ELLIPSOIDAL HEIGHT: 41.31442 0.005 METERS
X: -2444403.02446 METERS
Y: -3783534.34628 METERS
Z: 4500490.70983 METERS

HORIZONTAL NETWORK ORDER/CLASS: C-1
VERTICAL NETWORK ORDER/CLASS: No Data

PLANE COORDINATES

GRID	ZONE	NORTHING METERS	NORTHING METERS DEV.	EASTING METERS	EASTING METERS DEV.	POINT SCALE FACTOR	CONVERGENCE DEG MIN SEC
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STATION MARK IS A..... **O.D.O.T. BENCHMARK "Z656" BRASS CAP**
THE MARK IS STAMPED..... **Z656 1974**
WITH SETTING..... **NORTHWEST WING WALL**

STATION MARK HISTORY		
YEAR MONUMENTED OR RECOVERED	CONDITION OF MARK	RECOVERED OR DESCRIBED BY
STATION DESCRIPTION		

Questions concerning the VERTCON process may be mailed to [NGS](#)

Marion County Control Point: 9438

Latitude: 45 10 01.60220

Longitude: 122 51 54.08114

NAVD 88 height: 208.16 FT

Datum shift(NAVD 88 minus NGVD 29): 3.379 feet

Converted to NGVD 29 height: 204.781 feet