

SURVEYING AND MAPPING DIVISION
Alberta Survey Control Marker (ASCM) Information
MASCOT DSS-1

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 07 49.12610 dms
Longitude 114 05 41.11674 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 81-08
Date Printed 2025-08-03
Last Updated 2007-06-20

ASCM 24919
Tablet Markings 664-4.157
Mapsheet Name CALGARY H
Mapsheet Number 5664 - 004

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1136.534 m
Vert Class INTEGRATED , SPIRIT LEVELS

For current information call Geodetic Survey
(780) 427-3143 FAX: (780) 427-1493

Marker Condition GOOD 94-01-10

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2007-06-20

Scale Factor 0.999900 At Ref Mer 114

Northing 5666020.571 m
Easting -6632.243 m
Convergence -0 04 25.59 dms
Station Ellipsoid Factor 0.999825
Station Combined Factor 0.999725

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev (m) (cm)	PPM/ Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
8490 664-4.156	143.269	1	91/2	0.999723	270 09 34.60	5.1	0.00
173013 664-4.32	230.808	1	69/2	0.999729	359 52 43.77	5.8	0.00
208686 664-4.180	300.113	1	47/2	0.999726	77 33 18.22	3.6	0.00
93831 664-4.211	305.605	1	59/2	0.999726	47 51 25.71	4.8	0.00
149138 664-4.149	335.033	1	45/2	0.999724	267 13 55.16	3.4	0.00
111377 664-4.160	370.746	1	49/2	0.999723	173 30 02.23	4.0	0.01

GEOID DATA (GSD95) Updated: 96-01-06

Component Magnitude Std Dev

MARKER TYPE

Updated: 1994-03-09

Meridian Defl,XI(+N) 2.2 s 2 s
Prime Vert Defl,ETA(+E) 6.1 s 2 s
Geoid_Ellip Separation -16.26 m 1 m

ASC CAP ON 6 CM DIA LIGHT WALL STEEL DRIVEN PIPE 2.4 M LONG
5 CM BGL.

COORDINATE HISTORY

MARKER LOCATION

Updated: 1994-03-09

Originating Project 81018 81018
Published 82-08-19 82-08-19

ON N/S OF RD. IN FRONT OF DUPLEX #258 BERWICK DR. NW; 0.05 M N OF B.O.W.;
1.7 M E OF THE E WALL OF DUPLEX PROD. S; IN LINE WITH E P/L FENCE PROD.S;
15.8 M E OF FH. .

Revising Project NAD83 98015
Published 94-05-24 99-10-21
Revising Project
Published
Revising Project
Published

NON COORDINATE REVISIONS

1982-08-17 FIRST MARKER LOCATION
DESCRIPTION ENTERED
2003-03-12 "MAPSHEET NAME" AND/OR
"MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS Inspected Updated

MARKER REPORTED IN GOOD CONDITION 1994-01-10 1994-03-09

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56644 4 157

99-10-21

0.021 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 56644 4 157