

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 51 54.68325 dms
Longitude 114 07 02.63642 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 74-03

Date Printed 2025-08-03
Last Updated 2004-05-04

ASCM 12807

Tablet Markings 634-8.1

Mapsheet Name CALGARY E
Mapsheet Number 5634 - 008

Vert Datum CVD28 Updated: 1983-07-27
Elevation 1173.010 m
Vert Class INTEGRATED , CONSULT AGENCY

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

Marker Condition GOOD 04-03-22

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2004-05-04

Scale Factor 0.999900 At Ref Mer 114

Northing 5636531.351 m
Easting -8264.168 m
Convergence -0 05 27.82 dms
Station Ellipsoid Factor 0.999819
Station Combined Factor 0.999720

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	PPM/ Grid/ Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
63214 634-8.2	770.868	1 39/2	0.999720	179 04 14.23	3.3	0.02
79608 634-8.3	1048.371	1 34/2	0.999721	179 21 08.43	2.9	0.02
57182 76A025	1689.236	1 40/2	0.999723	261 49 48.13	3.0	0.01
25189 634-4.2	1757.521	1 31/2	0.999725	70 47 50.40	1.9	-0.01
298257 634-4.5	1789.075	1 27/2	0.999721	147 39 12.43	2.3	0.03
8441 634-8.4	1795.921	1 34/2	0.999722	245 33 06.95	2.8	0.02

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 2004-05-03

Meridian Defl, XI(+N) 4.9 s 2 s
Prime Vert Defl, ETA(+E) 7.2 s 2 s
Geoid_Ellip Separation -15.72 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
3.0 CM BGL, LANDSCAPED, 0.3 M W OF GP.

COORDINATE HISTORY HORZ VERT

MARKER LOCATION

Updated: 1989-03-29

Originating Project 75116 75116
Published 83-07-27 83-07-27

LOCATED ON THE WEST SIDE OF 24 STREET AND NORTH OF 210 AVENUE SOUTH WEST;
118.5 M NORTH OF THE NORTH PROPERTY LINE OF 210 AVENUE; 1.0 M EAST OF THE WEST
PROPERTY LINE OF 24 STREET SOUTH WEST; ON SOUTH SIDE OF FARMER'S GATE TO FIELD.

Revising Project NAD83
Published 94-05-24
Revising Project
Published
Revising Project
Published

NOTE: REVISED ELEVATION AS RECEIVED FROM OPERATIONAL DESIGN BRANCH-STU HARPER.
(81/03/23)

NON COORDINATE REVISIONS

1975-10-20 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	2004-03-22	2004-05-03
MARKER REPORTED IN GOOD CONDITION	1990-05-10	1990-06-26
MARKER REPORTED IN GOOD CONDITION.	1989-01-25	1989-03-29

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56344 8 1

HISTORY 56344 8 1