

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 01 36.52246 dms
Longitude 114 07 14.37813 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 72-03

ASCM 2865

Tablet Markings 652-8.50

Date Printed 2025-08-03
Last Updated 2017-03-20

Mapsheet Name CALGARY G
Mapsheet Number 5652 - 008

Vert Datum CVD28 Updated: 2001-02-07
Elevation 1122.609 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 15-10-01

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated:

Scale Factor 0.999900 At Ref Mer 114

Northing 5654509.917 m
Easting -8464.363 m
Convergence -0 05 37.70 dms
Station Ellipsoid Factor 0.999827
Station Combined Factor 0.999728

ASCM Tablet To Markings	Horizontal Distance (m)	Std Dev (cm)	PPM/Order	Grid/Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
209205 652-8.55	223.304	1	49/2	0.999730	268 12 10.41	4.0	0.00
189688 652-8.38	264.741	1	49/2	0.999725	178 54 57.65	3.6	0.01
49346 652-8.56	293.147	1	44/2	0.999726	228 22 19.25	3.7	0.00
45047 652-8.43	398.531	1	40/2	0.999728	121 14 56.33	3.2	0.00
229831 652-8.58	428.081	1	33/2	0.999728	271 09 17.24	2.7	0.00
197665 652-4.258	439.188	1	36/2	0.999729	97 19 24.26	3.0	0.00

GEOID DATA (GSD95) Updated: 17-03-20

Component Magnitude Std Dev

Meridian Defl,XI(+N) 3.0 s 2 s
Prime Vert Defl,ETA(+E) 6.6 s 2 s
Geoid_Ellip Separation -16.07 m 1 m

MARKER TYPE

Updated: 2009-06-04

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
10 CM BGL, LANDSCAPED.

COORDINATE HISTORY

Originating Project 72110 72110
Published 84-01-03 84-01-03

Revising Project NAD83 98017
Published 94-05-24 01-02-07
Revising Project
Published
Revising Project
Published

MARKER LOCATION

Updated: 2015-04-10

ON NE CORNER OF 25 ST. SW.; AND 30 AVE. SW.; 2.75 M. NE OF B.O.C. ON CURVE;
6.1 M. E OF B.O.C. ON E/S OF 25 ST. PROD. S.; 3.8 M. N OF B.O.C. ON N/S OF
30 AVE. PROD. W. LANDSCAPED

NON COORDINATE REVISIONS

1973-05-02 FIRST MARKER LOCATION
DESCRIPTION ENTERED
2017-03-20 "MAPSHEET NAME" AND/OR
"MAPSHEET NO" CHANGED
2003-03-12 "MAPSHEET NAME" AND/OR
"MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS

Inspected Updated

MARKER REPORTED IN GOOD CONDITION, CAP EFFACED.	2015-10-01	2015-10-30
MARKER REPORTED IN GOOD CONDITION	2014-12-16	2015-04-10
MARKER REPORTED IN GOOD CONDITION, CAP EFFACED.	2012-09-04	2012-09-28
MARKER REPORTED IN GOOD CONDITION	2009-04-06	2009-06-04

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56524 8 50

VERT

01-02-07

0.025 m ELEVATION REVISED AND REINTEGRATED

HISTORY 652-08.50 56524 8 50