

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 02 46.13898 dms  
Longitude 114 10 07.33285 dms  
Horz Class INTEGRATED , ORDER 3

Marker Installed 82-11  
Date Printed 2025-08-03  
Last Updated 2005-08-02

ASCM 68783  
Tablet Markings 655-8.270  
Mapsheet Name CALGARY G  
Mapsheet Number 5655 - 008

Vert Datum CVD28 Updated: 2000-06-15  
Elevation 1172.049 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 92-10-20

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2005-08-02

Scale Factor 0.999900 At Ref Mer 114

Northing 5656667.640 m  
Easting -11829.660 m  
Convergence -0 07 52.29 dms  
Station Ellipsoid Factor 0.999819  
Station Combined Factor 0.999721

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev (dms)	PPM/ Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
50419 655-8.271	164.159	1	67/2	0.999716	173 07 31.01	3.8	0.00
248377 655-8.269	276.734	1	87/3	0.999721	17 55 26.09	4.8	-0.01
87049 655-8.154	328.429	1	58/2	0.999720	110 01 26.30	4.7	0.00
81208 655-12.96	342.815	1	81/3	0.999720	259 18 43.12	6.9	0.00
229062 655-12.97	362.047	1	85/3	0.999718	234 47 41.72	6.0	0.01
639021 639021	380.350	1	39/2	0.999719	181 05 25.44	3.0	0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1983-06-28

Meridian Defl,XI(+N) 2.9 s 2 s  
Prime Vert Defl,ETA(+E) 7.1 s 2 s  
Geoid\_Ellip Separation -15.98 m 1 m

ASC CAP ON 6 CM DIA HEAVY WALL STEEL DRIVEN PIPE 2.0 M LONG

COORDINATE HISTORY

MARKER LOCATION

Updated: 1983-06-28

Originating Project 82045 82045  
Published 83-07-18 83-07-18

NW COR OF INT STRATHCONA DR AND STRATHCONA PLACE SW; AT INT OF F.O.  
SEP.W AND B.O.R.C. ON CURVE; 7.4M S OF FIRE HYDRANT; 3.55M N OF B.O.  
R.C. PROD E; 2.8M W OF B.O.R.C. PROD. S; 10CM NW OF B.O.R.C. ON  
CURVE.

Revising Project NAD83 98016  
Published 94-05-24 00-06-15  
Revising Project  
Published  
Revising Project  
Published

NON COORDINATE REVISIONS

1983-06-28 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  
MARKER REPORTED IN GOOD CONDITION

1992-10-20 1993-01-22  
1992-03-27 1992-04-02

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56554 8 270

00-06-15

0.012 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 56554 8 270