

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 02 55.89638 dms
Longitude 114 08 08.64011 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 72-03
Date Printed 2025-08-03
Last Updated 2016-04-08

ASCM 44693
Tablet Markings 655-8.91
Mapsheet Name CALGARY G
Mapsheet Number 5655 - 008

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1124.787 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 94-11-01

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2016-04-08

Scale Factor 0.999900 At Ref Mer 114

Northing 5656964.363 m
Easting -9517.202 m
Convergence -0 06 20.01 dms
Station Ellipsoid Factor 0.999826
Station Combined Factor 0.999727

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev (m) (cm)	PPM/ Grid/ Grnd Order Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
238956 655-8.90	130.602	1	123/2 0.999728	276 20 52.25	4.9	0.00
272336 655-8.94	290.241	1	59/2 0.999724	44 52 36.66	4.9	0.00
203026 655-8.95	338.507	1	41/2 0.999727	353 00 54.87	3.3	-0.01
165183 655-8.211	373.608	1	43/2 0.999730	268 10 28.35	3.3	0.00
22434 655-8.89	389.201	1	39/2 0.999730	272 20 58.73	3.0	0.00
155481 655-8.96	431.983	1	39/2 0.999727	327 47 34.22	3.1	-0.01

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

Component Magnitude Std Dev

Meridian Defl, XI(+N) 2.8 s 2 s
Prime Vert Defl, ETA(+E) 6.7 s 2 s
Geoid_Ellip Separation -16.07 m 1 m

MARKER TYPE

Updated: 1993-01-26

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
FLUSH WITH GROUND

COORDINATE HISTORY HORZ VERT

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

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

MARKER LOCATION

Updated: 1994-12-02

ON WEST SIDE OF SPRUCE DRIVE AND NORTH OF LANE NORTH OF CEDAR CRESENT SOUTH
WEST; 0.8 M WEST OF BACK OF WALK; 24.5 M NORTH OF EAST-WEST FROST FENCE NORTH
SIDE OF LANE PRODUCED EAST; 1.8 M EAST OF NORTH-SOUTH FROST FENCE.

NON COORDINATE REVISIONS

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

MARKER CONDITION COMMENTS

Inspected Updated

MARKER CONDITION COMMENTS	Inspected	Updated
MARKER REPORTED IN GOOD CONDITION	1994-11-01	1994-12-02
MARKER REPORTED IN GOOD CONDITION	1994-11-01	1994-12-01
MARKER REPORTED IN GOOD CONDITION	1992-11-25	1993-01-26

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56554 8 91

VERT

00-06-15

0.006 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 655-08.91 56554 8 91