

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 02 27.01675 dms
Longitude 113 58 42.83889 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 65-03
Date Printed 2025-08-03
Last Updated 2019-01-31

ASCM 53207
Tablet Markings 2520.3
Mapsheet Name CALGARY B
Mapsheet Number 5655 + 004

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1063.290 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 06-06-05

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2019-01-31

Scale Factor 0.999900 At Ref Mer 114

Northing 5656063.450 m
Easting 1503.120 m
Convergence 0 01 00.00 dms
Station Ellipsoid Factor 0.999836
Station Combined Factor 0.999736

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)
101246 2520.2	204.549	1	68/2	0.999735	270 03 56.03	3.7	0.00
121780 2520.7	388.960	1	41/2	0.999737	89 27 26.37	2.3	0.00
248930 655+4.322	419.418	1	33/2	0.999735	30 01 52.73	2.8	0.00
241638 2420.17	431.893	1	37/2	0.999736	272 07 30.83	2.4	0.00
124966 2420.16	460.723	1	39/2	0.999736	250 34 31.19	2.7	0.00
298414 2520.22	470.264	1	28/1	0.999734	358 09 05.04	2.3	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1970-10-15

Meridian Defl,XI(+N) 2.9 s 2 s
Prime Vert Defl,ETA(+E) 4.3 s 2 s
Geoid_Ellip Separation -16.35 m 1 m

ASC CAP ON REINFORCED CONCRETE CYLINDER

COORDINATE HISTORY

MARKER LOCATION

Updated: 2007-06-25

Originating Project 68103 68103
Published 70-10-15 70-10-15

LOCATE ON INTERSECTION OF 14 AVE AND 38 ST SE; 0.1 M SE OF BOW ON CURVE; 0.9 M E
OF BOW; 3.6 M S OF BOW PROD W.

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

NON COORDINATE REVISIONS

1970-10-15 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

2006-06-05 2007-06-25

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56553 4 43

99-10-21

0.021 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 655+04 43