

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 03 19.60453 dms
Longitude 113 57 37.51331 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 73-03

Date Printed 2025-08-03
Last Updated 2016-04-08

ASCM 10579

Tablet Markings 655+4.120

Mapsheet Name CALGARY B
Mapsheet Number 5655 + 004

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1067.286 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 73-03-01

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2016-04-08

Scale Factor 0.999900 At Ref Mer 114

Northing 5657688.911 m
Easting 2774.808 m
Convergence 0 01 50.82 dms
Station Ellipsoid Factor 0.999835
Station Combined Factor 0.999735

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)	
263392 655+4.115	107.534	1	74/2	0.999734	341 05 41.39	5.3	0.00
150151 655+4.114	208.655	1	53/2	0.999734	295 16 23.98	4.1	0.00
293225 655+4.121	220.561	1	50/2	0.999733	269 01 55.35	4.3	0.00
150235 655+4.117	239.332	1	42/2	0.999734	75 21 15.38	3.4	0.00
118810 655+4.116	252.288	1	40/2	0.999734	53 56 54.82	3.2	0.00
984 655+4.122	283.784	1	42/2	0.999734	245 05 52.44	3.7	0.00

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) 4.2 s 2 s
Geoid_Ellip Separation -16.40 m 1 m

MARKER TYPE

Updated: 1974-01-16

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

COORDINATE HISTORY HORZ VERT

Originating Project 73123 73123
Published 74-04-23 74-04-23

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

MARKER LOCATION

Updated: 1974-01-16

S. SIDE OF MARBROOKE CIRCLE AND MARSHAM ROAD
N.E.; 0.2' S. OF BACK OF WALK, S. SIDE MARBROOKE CIRCLE; 0.4' E.
OF W. PROPERTY LINE LOT 31, BLK. 3, PL. 5074 J.K.; HOUSE NO.
55 MARBROOKE CIRCLE N.E.

NON COORDINATE REVISIONS

1974-01-16 FIRST MARKER LOCATION
DESCRIPTION ENTERED
2003-03-12 "MAPSHEET NAME" AND/OR
"MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS

Inspected Updated

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56553 4 120

VERT

99-10-21

0.017 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 655+04.120 56553 4 120