

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

Horz Datum NAD83 Updated: 1994-05-24 Latitude 51 01 53.89149 dms Longitude 114 04 23.47934 dms Horz Class INTEGRATED , ORDER 3	Marker Installed 67-03 Date Printed 2025-08-03 Last Updated 2017-03-20	ASCM 23184 Tablet Markings 2019.5 Mapsheet Name CALGARY G Mapsheet Number 5655 - 004
Vert Datum CVD28 Updated: 2001-02-07 Elevation 1051.487 m Vert Class INTEGRATED , SPIRIT LEVELS	For current information call Geodetic Survey (780) 427-3143 FAX: (780) 427-1493	
	Marker Condition GOOD 16-10-04	

3TM COORDINATES	ADJACENT MARKERS (calculated)	Updated:
Scale Factor 0.999900 At Ref Mer 114	ASCM Tablet Horizontal Std PPM/ Grid/ Grnd To Markings Distance Dev Order Factor	Grid Std T-t Bearing Dev Corr (dms) (s) (s)
Northing 5655042.230 m Easting -5133.669 m Convergence -0 03 24.85 dms Station Ellipsoid Factor 0.999838 Station Combined Factor 0.999738	281923 2019.6 239.836 1 112/3 0.999734 160390 2019.4 247.105 1 101/3 0.999741 188110 2019.18 275.411 1 98/3 0.999735 245068 2019.10 287.612 1 80/2 0.999737 38596 2019.6A 291.941 1 109/3 0.999735	271 45 22.12 9.5 0.00 155 08 16.40 8.1 0.00 241 09 52.46 7.8 0.00 347 26 32.96 5.7 0.00 270 41 27.00 7.8 0.00

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

Component Magnitude Std Dev Meridian Defl,XI(+N) 2.9 s 2 s Prime Vert Defl,ETA(+E) 5.9 s 2 s Geoid_Ellip Separation -16.18 m 1 m	MARKER TYPE ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG <div style="text-align: right;">10 CM BGL.</div>	Updated: 1991-12-19
---	--	---------------------

COORDINATE HISTORY HORZ VERT

Originating Project	68102	68102
Published	70-06-24	70-06-24
Revising Project	NAD83	98017
Published	94-05-24	01-02-07
Revising Project		
Published		
Revising Project		
Published		

MARKER LOCATION Updated: 1970-06-24

LOCATED ON THE NORTH EAST CORNER OF INTERSECTION OF 5 STREET AND 24 AVENUE SOUTH WEST; 40.0 CM NORTH OF BACK OF WALK; 3.1 M EAST OF SOUTH EAST BACK OF WALK PRODUCED SOUTH SOUTH WEST; 10.0 CM NORTH EAST OF BACK OF WALK ON CURVE.

NON COORDINATE REVISIONS

1970-06-24 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 MARKER REPORTED IN GOOD CONDITION MARKER REPORTED IN GOOD CONDITION MARKER REPORTED IN GOOD CONDITION MARKER REPORTED IN GOOD CONDITION	Inspected Updated 2016-10-04 2016-11-02 2015-03-11 2015-07-20 1993-01-07 1993-07-05 1991-07-03 1991-12-19
--	---	--

COORDINATE HISTORY COMMENTS

HORZ 94-05-24 ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56524 4 82	VERT 01-02-07	0.036 m ELEVATION REVISED AND REINTEGRATED
----------------------------	------------------	---

HISTORY 56524 4 82