

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 01 59.64426 dms
Longitude 114 06 21.87024 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 72-03

ASCM 11205

Tablet Markings 652-4.283

Date Printed 2025-08-03
Last Updated 2008-08-01

Mapsheet Name CALGARY G
Mapsheet Number 5655 - 004

Vert Datum CVD28 Updated: 2001-02-07
Elevation 1105.803 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 98-12-16

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2008-08-01

Scale Factor 0.999900 At Ref Mer 114

Northing 5655222.792 m
Easting -7440.158 m
Convergence -0 04 56.91 dms
Station Ellipsoid Factor 0.999829
Station Combined Factor 0.999730

ASCM Tablet To Markings	Horizontal Distance (m)	Std Dev (cm)	PPM/Order	Grid/Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
190488 655-4.239	202.506	1	64/2	0.999733	354 13 18.86	4.9	0.00
107508 655-4.241	220.597	1	68/2	0.999728	298 12 51.12	5.7	0.00
4341 652-4.282	268.716	1	52/2	0.999729	261 56 35.27	4.2	0.00
277459 655-4.238	296.274	1	47/2	0.999731	358 31 44.82	3.8	-0.01
249201 652-4.269	318.932	1	53/2	0.999729	162 02 40.99	4.5	0.01
73064 652-4.270	370.842	1	46/2	0.999729	210 36 20.27	4.0	0.01

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

Component Magnitude Std Dev

Meridian Defl,XI(+N) 2.9 s 2 s
Prime Vert Defl,ETA(+E) 6.3 s 2 s
Geoid_Ellip Separation -16.11 m 1 m

MARKER TYPE

Updated: 1973-02-06

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
3 CM BGL

COORDINATE HISTORY

Originating Project 72111 72111
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: 1993-07-07

ON NORTHWEST CORNER OF 23 AVENUE AND 19 STREET SOUTHWEST; 3.0 M NORTH OF B.O.W.
PRODUCED EAST; 7.6 M WEST OF B.O.W. PRODUCED SOUTH; 6.0 M NORTH WEST OF CENTRE
OF TWIN CATCH BASIN.

NON COORDINATE REVISIONS

1973-02-06 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 1998-12-16 1999-02-03
MARKER REPORTED IN GOOD CONDITION 1992-12-15 1993-07-07

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56524 4 283

VERT

01-02-07

0.025 m ELEVATION REVISED AND REINTEGRATED

HISTORY 652-04.283 56524 4 283