

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 02 41.82327 dms
Longitude 114 08 43.33388 dms
Horz Class INTEGRATED , ORDER 2

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

ASCM 64774
Tablet Markings 655-8.184
Mapsheet Name CALGARY G
Mapsheet Number 5655 - 008

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1130.107 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 15-09-16

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2016-04-08

Scale Factor 0.999900 At Ref Mer 114

Northing 5656530.800 m
Easting -10193.788 m
Convergence -0 06 46.97 dms
Station Ellipsoid Factor 0.999825
Station Combined Factor 0.999727

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev	PPM/ Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
10892 655-8.183	195.755	1	51/2	0.999726	184 30 50.19	3.5	0.01
233734 180205	302.816	1	33/1	0.999729	83 33 52.73	2.7	0.00
215558 655-8.168	374.457	1	32/2	0.999726	179 46 30.04	2.5	0.01
38331 655-8.205	378.828	1	42/2	0.999727	297 49 50.21	3.6	0.00
35170 655-8.215	387.925	1	39/2	0.999728	357 23 01.24	3.0	-0.01
196287 655-8.88	413.132	1	41/2	0.999727	89 52 17.55	2.5	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 2007-11-28

Meridian Defl, XI(+N) 2.9 s 2 s
Prime Vert Defl, ETA(+E) 6.8 s 2 s
Geoid_Ellip Separation -16.04 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
FLUSH W/GRD, LANDSCAPED.

COORDINATE HISTORY

MARKER LOCATION

Updated: 1993-01-26

Originating Project 72107 72107
Published 83-03-03 83-03-03

ON SE CORNER OF 8 AVENUE AND 40 STREET S.W.; 4.9 M SOUTH F.O.C. PROD. W.;
2.0 M EAST OF F.O.C. RPOD. N.; 0.25 M SE OF B.O.W. ON CURVE; 3.3 M NE OF CB.

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

NON COORDINATE REVISIONS

1972-05-10 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	2015-09-16	2015-09-30
MARKER REPORTED IN GOOD CONDITION	2007-10-15	2007-11-28
MARKER REPORTED IN GOOD CONDITION	1992-09-18	1993-01-26

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56554 8 184

00-06-15

0.016 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 655-08.184 56554 8 184