

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 05 13.83585 dms
Longitude 114 05 53.87896 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 71-03
Date Printed 2025-08-03
Last Updated 2013-01-17

ASCM 17020
Tablet Markings 658-4.204
Mapsheet Name CALGARY G
Mapsheet Number 5661 - 004

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1110.535 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-09-20

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2013-01-17

Scale Factor 0.999900 At Ref Mer 114

Northing 5661222.463 m
Easting -6886.783 m
Convergence -0 04 35.35 dms
Station Ellipsoid Factor 0.999829
Station Combined Factor 0.999729

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
49064 658-4.205	153.281	1 52/2	0.999732	119 32 13.45	4.6	0.00
139121 661-4.59	157.775	1 70/2	0.999725	314 23 14.59	5.7	0.00
61044 658-4.245	170.668	1 59/2	0.999735	220 22 43.50	5.1	0.00
6056 658-4.201	200.128	1 60/2	0.999733	248 45 25.08	5.1	0.00
51060 661-4.57	239.774	1 50/2	0.999729	302 40 35.98	4.0	0.00
111278 658-4.206	267.959	1 41/2	0.999728	118 48 43.14	3.4	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1971-12-20

Meridian Defl,XI(+N) 2.4 s 2 s
Prime Vert Defl,ETA(+E) 6.1 s 2 s
Geoid_Ellip Separation -16.20 m 1 m

ASC CAP SET IN CONCRETE SIDEWALK

COORDINATE HISTORY

MARKER LOCATION

Updated: 1994-01-24

Originating Project 71103 71103
Published 84-01-07 84-01-07

ON NE COR. OF CROMWELL AVE. AND COMMANCHE RD. NW; 0.3 M N OF
N B.O.W. PROD. W; 2.3 M E OF E B.O.W. PROD.S; 0.10 M SW OF B.O.W. ON CURVE;
3.7 M NW OF SINGLE CB. .

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

NON COORDINATE REVISIONS

1971-12-20 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
MARKER REPORTED IN GOOD CONDITION

1993-09-20 1994-01-24
1993-03-08 1993-07-07

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56584 4 204

00-06-15

0.036 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 658-04.204 56584 4 204