

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 56 09.06349 dms
Longitude 114 06 57.08827 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 79-03
Date Printed 2025-08-03
Last Updated 2019-03-25

ASCM 61176
Tablet Markings 643-8.45
Mapsheet Name CALGARY F
Mapsheet Number 5643 - 008

Vert Datum CVD28 Updated: 2001-02-07
Elevation 1095.813 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 90-09-14

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2019-03-25

Scale Factor 0.999900 At Ref Mer 114

Northing 5644391.190 m
Easting -8143.346 m
Convergence -0 05 23.84 dms
Station Ellipsoid Factor 0.999831
Station Combined Factor 0.999732

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)
259275 643-4.216	151.008	1	73/2	0.999729	54 41 12.48	6.3	0.00
332569 643-8.92	187.586	1	75/2	0.999728	178 44 50.15	4.8	0.00
202408 643-4.214	192.931	1	73/2	0.999733	95 09 38.05	4.3	0.00
77768 190129	199.594	1	45/2	0.999734	228 50 14.01	3.8	0.00
296558 643-4.217	214.442	1	56/2	0.999734	36 26 41.65	4.7	0.00
64212 643-4.218	275.970	1	47/2	0.999732	19 12 26.17	3.8	-0.01

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

Component Magnitude Std Dev
Meridian Defl,XI(+N) 4.2 s 2 s
Prime Vert Defl,ETA(+E) 6.9 s 2 s
Geoid_Ellip Separation -15.90 m 1 m

MARKER TYPE

Updated: 1980-09-10

ASC CAP SET IN CONCRETE SIDEWALK

MARKER LOCATION

Updated: 1991-03-15

LOCATED ON THE N/W CORNER OF WOODPARK BOULAVARD AND WOODRIDGE DRIVE
SOUTH WEST (WEST LEG); 6.40M N/W OF FIRE HYDRANT;
0.65M SOUTH OF B.O.W. NORTH; IN LINE WITH BACK OF CURB WEST PRODUCED NORTH.

COORDINATE HISTORY

	HORZ	VERT
Originating Project	79042	79042
Published	79-12-01	79-12-01
Revising Project	NAD83	98017
Published	94-05-24	01-02-07
Revising Project		
Published		
Revising Project		
Published		

NON COORDINATE REVISIONS

1980-09-10 FIRST MARKER LOCATION
DESCRIPTION ENTERED
2003-03-12 "MAPSHEET NAME" AND/OR
"MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS

Inspected	Updated
1990-09-14	1991-03-15
1989-02-23	1989-04-25

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56434 8 45

VERT

01-02-07

0.015 m ELEVATION REVISED AND REINTEGRATED

HISTORY 643-08.45 56434 8 45