

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 50 56 29.93785 dms  
Longitude 114 01 04.88731 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 76-03

ASCM 20586

Tablet Markings 643-0.195

Date Printed 2025-08-03  
Last Updated 2018-02-13

Mapsheet Name CALGARY F  
Mapsheet Number 5643 - 000

Vert Datum CVD28 Updated: 1999-08-16  
Elevation 1032.385 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 05-06-22

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2018-02-13

Scale Factor 0.999900 At Ref Mer 114

Northing 5645029.947 m  
Easting -1266.720 m  
Convergence -0 00 50.39 dms  
Station Ellipsoid Factor 0.999841  
Station Combined Factor 0.999741

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)
288944 643-0.201	123.458	1	97/2	0.999746	283 13 14.68	7.8	0.00
237974 643-0.197	246.344	1	49/2	0.999742	249 12 26.89	3.9	0.00
104711 643-0.191	266.606	1	49/2	0.999743	182 16 12.64	4.1	0.00
246967 643-0.162	296.274	1	37/2	0.999742	233 03 56.34	2.9	0.00
78881 643-0.194	389.776	1	26/1	0.999741	143 51 49.56	2.2	0.00
28233 643-0.217	396.351	1	35/2	0.999743	256 15 43.29	2.7	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1976-10-26

Meridian Defl,XI(+N) 3.8 s 2 s  
Prime Vert Defl,ETA(+E) 5.1 s 2 s  
Geoid\_Ellip Separation -16.12 m 1 m

ASC CAP SET IN CONCRETE SIDEWALK

COORDINATE HISTORY

MARKER LOCATION

Updated: 2006-06-16

Originating Project 76026 76026  
Published 83-08-31 83-08-31

IN SIDEWALK IN FRON OF HOUSE #159 QUEEN ANN WAY SE (N LEG); 0.60 M S OF BOW ON C URVE; 1.0 M E OF THE E/WALL OF HOUSE PROD S; 1.3 M E OF C/L OF FRONT WALKWAY PRO D S.  
NOTE: ELEVATION SHOWN IS AS READJUSTED IN MAY, 1980.

Revising Project NAD83 98014  
Published 94-05-24 99-08-16  
Revising Project  
Published  
Revising Project  
Published

NON COORDINATE REVISIONS

1976-10-26 FIRST MARKER LOCATION  
DESCRIPTION ENTERED  
2003-03-12 "MAPSHEET NAME" AND/OR  
"MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS

Inspected Updated

MARKE REPORTED IN GOOD CONDITION  
MARKER REPORTED IN GOOD CONDITION

2005-06-22 2006-06-16  
1989-04-03 1990-05-02

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56434 0 195

99-08-16

0.009 m ELEVATION REVISED AND REINTEGRATED

HISTORY 643+00.195 56434 0 195