

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 07 03.71846 dms  
Longitude 114 12 26.64521 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 82-06

ASCM 22541

Tablet Markings 664-12.139

Date Printed 2025-08-03  
Last Updated 2020-01-09

Mapsheet Name CALGARY G  
Mapsheet Number 5664 - 012

Vert Datum CVD28 Updated: 2000-06-15  
Elevation 1172.549 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 82-06-01

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5664633.670 m  
Easting -14520.775 m  
Convergence -0 09 41.22 dms  
Station Ellipsoid Factor 0.999819  
Station Combined Factor 0.999721

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
40097 664-12.140	108.755	1 101/2	0.999722	124 56 20.73	5.2	0.00
131995 664-12.138	120.216	1 91/2	0.999724	278 19 15.98	4.9	0.00
180638 664-12.67	172.736	1 69/2	0.999720	88 03 31.22	5.0	0.00
30692 664-12.145	182.006	1 66/2	0.999724	169 02 33.24	5.6	0.01
295121 664-12.135	230.307	1 52/2	0.999723	331 39 34.21	4.0	-0.01
196790 664-12.137	238.096	1 50/2	0.999721	270 50 07.91	3.5	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1982-12-06

Meridian Defl,XI(+N) 2.3 s 2 s  
Prime Vert Defl,ETA(+E) 6.9 s 2 s  
Geoid\_Ellip Separation -15.99 m 1 m

ASC BRASS TABLET ON 7 X 305CM STEEL PIPE.

COORDINATE HISTORY

MARKER LOCATION

Updated: 1982-12-06

Originating Project 82009 82009  
Published 82-12-15 82-12-15

ON N/S OF SCENIC RISE, IN FRONT OF HOUSE #28 SCENIC RISE NW; 16CM NE  
OF BOW; 3.75M NW OF SE P/L OF HOUSE 28, LOT 21, BLK 5.

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

NON COORDINATE REVISIONS

1982-12-06 FIRST MARKER LOCATION  
DESCRIPTION ENTERED  
2003-03-12 "MAPSHEET NAME" AND/OR  
"MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS

Inspected Updated

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56644 12 139

00-06-15

0.026 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY

56644 12 139