

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 50 57 00.68118 dms  
Longitude 114 07 32.72948 dms  
Horz Class INTEGRATED , ORDER 3

Marker Installed 82-02

ASCM 24489

Tablet Markings 643-8.64

Date Printed 2025-08-03  
Last Updated 2007-07-23

Mapsheet Name CALGARY F  
Mapsheet Number 5643 - 008

Vert Datum CVD28 Updated: 2007-07-23  
Elevation 1123.384 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 95-03-16

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2007-07-23

Scale Factor 0.999900 At Ref Mer 114

Northing 5645987.259 m  
Easting -8836.496 m  
Convergence -0 05 51.59 dms  
Station Ellipsoid Factor 0.999827  
Station Combined Factor 0.999727

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev (cm)	PPM/ Order	Grid/ Factor	Grnd	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
281261 643-8.63	325.931	1	31/1	0.999727	180 20 46.43	2.5	0.01	
48686 646-8.231	387.253	1	26/1	0.999728	314 17 44.52	2.0	-0.01	
96248 646-8.141	439.547	1	25/1	0.999727	18 04 01.76	2.1	-0.01	
219451 646-8.224	510.214	1	24/1	0.999728	314 36 44.31	2.0	-0.01	
146167 646-8.143	511.129	1	22/1	0.999728	328 46 55.09	1.9	-0.01	
113621 646-8.142	559.402	1	23/1	0.999727	38 25 06.57	1.9	-0.01	

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1989-04-24

Meridian Defl,XI(+N) 4.0 s 2 s  
Prime Vert Defl,ETA(+E) 6.9 s 2 s  
Geoid\_Ellip Separation -15.91 m 1 m

ASC CAP ON 6 CM DIA LIGHT WALL STEEL DRIVEN PIPE 2.4 M LONG

COORDINATE HISTORY

MARKER LOCATION

Updated: 1989-04-24

Originating Project 82001 82001  
Published 83-01-20 83-01-20

LOCATED ON THE NORTH EAST LEG OF WOODGLEN WAY AND WOODGLEN WAY SOUTH WEST; IN  
LINE WITH BACK OF ROLLED CURB EAST PRODUCED NORTH; 16.15 M NORTH OF NORTH BACK  
OF ROLLED CURB PRODUCED EAST; 23.77 M NORTH OF FIRE HYDRANT.

Revising Project NAD83 26008  
Published 94-05-24 07-07-23  
Revising Project 98017  
Published 01-02-07  
Revising Project  
Published

NON COORDINATE REVISIONS

1983-01-27 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	1995-03-16	1995-05-15
MARKER REPORTED IN GOOD CONDITION	1991-03-27	1991-08-20
MARKER REPORTED IN GOOD CONDITION.	1989-02-23	1989-04-24
MARKER REPORTED IN GOOD CONDITION	1988-04-28	1988-05-26

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56434 8 64

07-07-23 -0.055 m REVISED ELEVATION-MOVEMENT SUSPECTED  
01-02-07 0.009 m ELEVATION REVISED AND REINTEGRATED

HISTORY 56434 8 64