

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 07 41.17201 dms  
Longitude 114 03 35.46563 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 81-08

ASCM 60632

Tablet Markings 664-4.165

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

Mapsheet Name CALGARY H  
Mapsheet Number 5664 - 004

Vert Datum CVD28 Updated: 1999-10-21  
Elevation 1086.524 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 94-01-20

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5665772.225 m  
Easting -4189.442 m  
Convergence -0 02 47.75 dms  
Station Ellipsoid Factor 0.999832  
Station Combined Factor 0.999733

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
126540 664-4.189	124.734	1 80/2	0.999730	262 22 29.00	4.6	0.00
12823 664-0.95	170.012	1 65/2	0.999734	108 45 12.89	3.9	0.00
213173 664-4.216	199.194	1 60/2	0.999732	35 07 29.93	5.1	0.00
40980 664-4.187	246.434	1 57/2	0.999732	341 05 11.15	4.7	0.00
59816 664-4.164	251.393	1 36/1	0.999732	264 02 02.66	2.9	0.00
295766 664-4.163	260.903	1 38/2	0.999732	227 42 37.32	3.1	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1994-03-07

Meridian Defl,XI(+N) 2.3 s 2 s  
Prime Vert Defl,ETA(+E) 5.8 s 2 s  
Geoid\_Ellip Separation -16.33 m 1 m

ASC CAP ON 6 CM DIA LIGHT WALL STEEL DRIVEN PIPE 2.4 M LONG  
FLUSH W/GRND

COORDINATE HISTORY

MARKER LOCATION

Updated: 1982-08-17

Originating Project 81018 81018  
Published 82-08-19 82-08-19

ON NE COR OF BEDWOOD RD & BEDFORD DR NE. 0.5M N OF B.O.W. N/S. 0.5M  
E OF E EDGE OF WALKWAY. 4.90M W OF B.O.W. E/S PROD N.

Revising Project NAD83 98015  
Published 94-05-24 99-10-21  
Revising Project  
Published  
Revising Project  
Published

NON COORDINATE REVISIONS

1982-08-17 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

1994-01-20 1994-03-07

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56644 4 165

99-10-21

0.042 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY

56644 4 165