

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 01 37.08684 dms  
Longitude 113 58 00.52670 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 83-04

ASCM 2972

Tablet Markings 652+4.181

Date Printed 2025-08-03  
Last Updated 2017-03-20

Mapsheet Name CALGARY B  
Mapsheet Number 5652 + 004

Vert Datum CVD28 Updated: 1999-08-16  
Elevation 1054.337 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 06-05-08

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated:

Scale Factor 0.999900 At Ref Mer 114

Northing 5654520.951 m  
Easting 2328.069 m  
Convergence 0 01 32.88 dms  
Station Ellipsoid Factor 0.999837  
Station Combined Factor 0.999737

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)
280651 652+4.165	203.242	1	59/2	0.999735	122 28 12.87	4.8	0.00
228791 652+4.77	221.189	1	72/2	0.999739	255 00 53.96	6.0	0.00
268086 652+4.67	327.153	1	43/2	0.999739	308 03 53.59	3.5	0.00
156364 652+4.167	332.800	1	45/2	0.999737	178 04 17.74	3.2	0.00
81646 652+4.64	416.919	1	34/2	0.999739	12 09 00.66	2.7	0.00
78576 652+4.63	457.248	1	31/2	0.999739	332 30 56.10	2.6	0.00

GEOID DATA (GSD95) Updated: 17-03-20

Component Magnitude Std Dev

MARKER TYPE

Updated: 1993-02-02

Meridian Defl,XI(+N) 3.0 s 2 s  
Prime Vert Defl,ETA(+E) 4.2 s 2 s  
Geoid\_Ellip Separation -16.35 m 1 m

ASC CAP ON 6 CM DIA HEAVY WALL STEEL DRIVEN PIPE 3.0 M LONG  
10 CM AGL

COORDINATE HISTORY

MARKER LOCATION

Updated: 2001-08-29

Originating Project 83006 83006  
Published 85-02-01 85-02-01  
  
Revising Project NAD83 98014  
Published 94-05-24 99-08-16  
Revising Project  
Published  
Revising Project  
Published

IN NE CORNER OF CONDO COMPLEX NE OF INTERSECTION OF ERIN CROFT CRES SE;  
1.45 M NE OF BROWN FENCE;  
20.10 M N OF THE WALL N/S OF CONDO #775 PROD. E;  
1.30 M SE OF STEEL FENCE (ASSUMED P/L OF CNR R.O.W.).

NON COORDINATE REVISIONS

1985-02-06 FIRST MARKER LOCATION  
DESCRIPTION ENTERED  
2017-03-20 "MAPSHEET NAME" AND/OR  
"MAPSHEET NO" CHANGED  
2003-03-12 "MAPSHEET NAME" AND/OR  
"MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS

Inspected Updated

MARKER REPORTED IN GOOD CONDITION  
MARKER REPORTED IN GOOD CONDITION  
MARKER REPORTED IN GOOD CONDITION

2006-05-08 2006-06-28  
1995-11-07 2001-08-29  
1992-07-14 1993-02-02

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56523 4 181

99-08-16

0.016 m ELEVATION REVISED AND REINTEGRATED

HISTORY 56523 4 181