

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 00 49.40748 dms  
Longitude 114 07 33.24685 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 77-03

ASCM 31633

Tablet Markings 652-8.178

Date Printed 2025-08-03  
Last Updated 2017-03-21

Mapsheet Name CALGARY G  
Mapsheet Number 5652 - 008

Vert Datum CVD28 Updated: 2001-02-07  
Elevation 1116.753 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 16-03-24

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2017-03-21

Scale Factor 0.999900 At Ref Mer 114

Northing 5653054.712 m  
Easting -8834.529 m  
Convergence -0 05 52.31 dms  
Station Ellipsoid Factor 0.999828  
Station Combined Factor 0.999729

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)
165787 652-8.183	319.302	1	41/2	0.999728	295 05 12.17	3.5	0.00
264093 652-8.177	543.666	1	31/2	0.999728	294 03 49.01	2.6	-0.01
206524 652-8.176	756.753	1	24/1	0.999728	264 11 28.16	2.0	0.00
18762 652-8.26	827.020	1	22/1	0.999729	282 31 42.17	1.9	0.00
54759 652-8.36	932.159	1	21/1	0.999728	335 58 45.70	1.7	-0.02
136911 652-8.23	1005.854	1	16/1	0.999727	224 00 25.84	1.4	0.02

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1973-05-02

Meridian Defl,XI(+N) 3.2 s 2 s  
Prime Vert Defl,ETA(+E) 6.7 s 2 s  
Geoid\_Ellip Separation -16.03 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG  
3CM BGL

COORDINATE HISTORY

MARKER LOCATION

Updated: 1991-11-19

Originating Project 72110 72110  
Published 84-01-03 84-01-03  
  
Revising Project NAD83 98017  
Published 94-05-24 01-02-07  
Revising Project  
Published  
Revising Project  
Published

N/S RICHARDSON WAY S.W. & WEST OF RICHARD RD. S.W. ;  
0.08M NORTH OF B.O.R.C. N/S RICHARDSON WAY ;  
IN LINE WITH N-E FROST FENCE BEWEEN 2ND AND 3RD ARMY COMPOUNDS  
C.F.B. CURRIE N.W. OF RICHARD RD., PROD. S.W. ;  
16.7M N.W. OF C.B.

NON COORDINATE REVISIONS

1973-05-02 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 Condition	Inspected	Updated
MARKER REPORTED IN GOOD CONDITION, CAP PARTLY EFFACED	2016-03-24	2017-03-16
MARKER REPORTED IN GOOD CONDITION	1992-01-28	1993-07-05
MARKER REPORTED IN GOOD CONDITION	1991-05-06	1991-11-19

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56524 8 178

01-02-07

0.019 m ELEVATION REVISED AND REINTEGRATED

HISTORY 652-08.178 56524 8 178