

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 50 51 38.28365 dms  
Longitude 113 54 43.13910 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 74-03  
Date Printed 2025-08-03  
Last Updated 2019-03-25

ASCM 6122  
Tablet Markings 634+8.2  
Mapsheet Name CALGARY D  
Mapsheet Number 5634 + 008

Vert Datum CVD28 Updated: 1983-07-27  
Elevation 1033.700 m  
Vert Class NOT INTEGRATED, NON-SIMUL TRIG

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

Marker Condition GOOD 90-05-09

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2019-03-25

Scale Factor 0.999900 At Ref Mer 114

Northing 5636021.753 m  
Easting 6196.454 m  
Convergence 0 04 05.76 dms  
Station Ellipsoid Factor 0.999841  
Station Combined Factor 0.999741

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
298489 634+8.1	1262.479	1	29/2 0.999742	244 22 17.45	2.4	-0.01
237461 634+8.4	1466.585	1	24/2 0.999741	162 51 51.74	2.0	-0.02
167361	1629.575	1	25/2 0.999742	312 09 52.67	2.0	0.02
98723 634+8.5	1690.454	1	22/1 0.999742	163 23 26.41	1.8	-0.03
218941 76A030	2851.412	1	18/1 0.999742	46 06 12.34	1.5	0.03
102244 634+4.1	2873.890	1	14/1 0.999741	261 07 05.00	1.1	-0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1990-07-06

Meridian Defl,XI(+N) 4.1 s 2 s  
Prime Vert Defl,ETA(+E) 4.3 s 2 s  
Geoid\_Ellip Separation -16.11 m 1 m

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

COORDINATE HISTORY HORZ VERT

Originating Project 75116 75116  
Published 83-07-27 83-07-27

Revising Project NAD83  
Published 94-05-24  
Revising Project  
Published  
Revising Project  
Published

MARKER LOCATION

Updated: 1975-10-20

ON HILL; WEST OF FENCE LINE ALONG 84 STREET; NORTH OF FENCE ALONG  
RIVER RIDGE; APPROX. 76.7 M NW OF EASTERLY OF TWO IRON POSTS  
(30.5 M APART), WHICH IS 0.6 M N. OF MP.  
NOTE: MARKER ON PRIVATE LAND. OBTAIN PRIOR PERMISSION BEFOR ACCESS  
FROM: A.G. SOUTZO & C.G. SOUTZO, RR J, CALGARY; PH279-5992

NON COORDINATE REVISIONS

1975-10-20 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

1990-05-09 1990-07-06

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56343 8 2

VERT

HISTORY 634+08.2 56343 8 2