

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 04 40.56604 dms  
Longitude 114 05 25.82092 dms  
Horz Class INTEGRATED , ORDER 3

Marker Installed 71-03  
Date Printed 2025-08-03  
Last Updated 2006-06-28

ASCM 48744  
Tablet Markings 658-4.183  
Mapsheet Name CALGARY G  
Mapsheet Number 5658 - 004

Vert Datum CVD28 Updated: 1999-10-21  
Elevation 1083.715 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-03-01

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2006-06-28

Scale Factor 0.999900 At Ref Mer 114

Northing 5660193.737 m  
Easting -6342.014 m  
Convergence -0 04 13.49 dms  
Station Ellipsoid Factor 0.999833  
Station Combined Factor 0.999733

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev	PPM/ Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
243907 658-4.182	125.237	1	112/2	0.999734	144 16 49.97	6.1	0.00
24133 658-4.184	154.746	1	97/2	0.999734	6 04 46.79	5.4	0.00
138826 658-4.186	280.030	1	64/2	0.999733	0 00 21.37	4.2	0.00
161729 658-4.178	316.739	1	57/2	0.999736	71 39 49.30	4.7	0.00
280370 658-4.174	336.575	1	56/2	0.999734	39 35 17.15	4.7	0.00
152835 658-4.187	347.659	1	49/2	0.999734	10 21 10.22	4.0	-0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1993-07-06

Meridian Defl,XI(+N) 2.5 s 2 s  
Prime Vert Defl,ETA(+E) 6.1 s 2 s  
Geoid\_Ellip Separation -16.21 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG  
FLUSH WITH GROUND

COORDINATE HISTORY HORZ VERT

MARKER LOCATION

Updated: 1991-10-16

Originating Project 71101 71101  
Published 71-03-01 71-03-01

located on the nw cor of rosevale dr. and rosewood dr. n.w.; 2.8 m w of b.o.w.  
prod s; 2.8 m n of b.o.w. prod e; 7.1 m ne of single c.b.; 0.3 m nw of b.o.w.  
on curve; in front of house # 4 rosevale dr.

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

NON COORDINATE REVISIONS

1972-01-25 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  
MARKER REPORTED IN GOOD CONDITION

1993-03-01 1993-07-06  
1991-10-15 1991-10-16

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56584 4 183

99-10-21

0.033 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 658-04.183 56584 4 183