

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 50 55 15.43555 dms  
Longitude 114 04 51.06266 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 82-09

ASCM 48751

Tablet Markings 640-4.120

Date Printed 2025-08-03  
Last Updated 2019-01-31

Mapsheet Name CALGARY F  
Mapsheet Number 5640 - 004

Vert Datum CVD28 Updated: 1993-01-20  
Elevation 1077.859 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 91-01-16

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2019-01-31

Scale Factor 0.999900 At Ref Mer 114

Northing 5642730.871 m  
Easting -5684.603 m  
Convergence -0 03 45.95 dms  
Station Ellipsoid Factor 0.999834  
Station Combined Factor 0.999734

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)
95984 640-4.118	182.170	1	49/2	0.999736	190 22 44.57	3.1	0.00
225086 640-4.121	187.421	1	64/2	0.999735	122 17 07.69	4.9	0.00
209775 640-4.122	280.241	1	43/2	0.999735	119 39 48.63	3.5	0.00
161901 640-4.123	355.982	1	36/2	0.999737	132 09 43.02	2.9	0.00
161232 640-4.117	372.547	1	35/2	0.999735	187 36 49.88	2.5	0.01
172023 640-4.116	407.608	1	37/2	0.999734	174 08 59.06	2.9	0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1991-06-05

Meridian Defl,XI(+N) 4.3 s 2 s  
Prime Vert Defl,ETA(+E) 6.5 s 2 s  
Geoid\_Ellip Separation -15.95 m 1 m

ASC CAP SET IN CONCRETE SIDEWALK

COORDINATE HISTORY

MARKER LOCATION

Updated: 1991-06-05

Originating Project 82026 82026  
Published 82-12-09 82-12-09  
  
Revising Project NAD83 91021  
Published 94-05-24 93-01-20  
Revising Project  
Published  
Revising Project  
Published

MONUMENT IS LOCATED ON THE E/S OF MILLRISE WAY, JUST S. OF 146 AVE. S.E.;  
0.60M WEST OF B.O.W.;  
5.10M SOUTH OF THE NORTH P.L. OF HOUSE #8 MILLRISE WAY;  
(IN FRONT OF DRIVEWAY).

NOTE: REVISED VERTICALLY (87/12/23) SOURCE: PROJ. 86070

NON COORDINATE REVISIONS

1982-12-01 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

1991-01-16 1991-06-14

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56404 4 120

93-01-20

-0.019 m REVISED ELEVATION-INSTABILITY SUSPECTED

HISTORY

56404 4 120