

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 55 28.57595 dms
Longitude 114 02 18.19265 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 75-03

ASCM 4960

Tablet Markings 640-0.39

Date Printed 2025-08-03
Last Updated 2019-03-25

Mapsheet Name CALGARY F
Mapsheet Number 5643 - 000

Vert Datum CVD28 Updated: 1999-08-16
Elevation 1040.515 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 05-06-15

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2019-03-25

Scale Factor 0.999900 At Ref Mer 114

Northing 5643134.482 m
Easting -2698.762 m
Convergence -0 01 47.28 dms
Station Ellipsoid Factor 0.999840
Station Combined Factor 0.999740

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
68114 643-0.178	236.628	1 42/2	0.999736	8 02 58.23	3.5	0.00
274936 640-0.40	308.650	1 36/2	0.999741	282 09 57.90	2.5	0.00
236489 640-0.44	417.232	1 46/2	0.999740	110 45 11.04	3.7	0.00
27797 643-0.175	418.146	1 29/1	0.999740	298 42 35.80	2.4	0.00
26393 640-0.43	444.928	1 47/2	0.999739	125 48 35.81	3.3	0.00
247627 640-0.60	474.198	1 25/1	0.999740	148 47 57.15	2.2	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1976-01-05

Meridian Defl, XI(+N) 4.1 s 2 s
Prime Vert Defl, ETA(+E) 5.6 s 2 s
Geoid_Ellip Separation -16.05 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

LANDSCAPED.

COORDINATE HISTORY

MARKER LOCATION

Updated: 2006-06-16

Originating Project 75108 75108
Published 83-04-29 83-04-29

IN PARK ON SW COR OF PARKSIDE DR AT PARK ESTATES DR SE; 3.3 M W OF FOC PROD N; 1
.7 M S OF BOC PROD E; 0.2 M SW OF FOC ON CURVE.

Revising Project NAD83 98014
Published 94-05-24 99-08-16
Revising Project
Published
Revising Project
Published

NON COORDINATE REVISIONS

1976-01-05 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.

2005-06-15 2006-06-16
1989-02-07 1989-09-26

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56404 0 39

99-08-16

-0.005 m ELEVATION REVISED AND REINTEGRATED

HISTORY 640+00.39 56404 0 39