

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 54 58.53454 dms
Longitude 114 00 11.47005 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 80-03
Date Printed 2025-08-03
Last Updated 2013-01-17

ASCM 13359
Tablet Markings 640-0.125
Mapsheet Name CALGARY F
Mapsheet Number 5640 - 000

Vert Datum CVD28 Updated: 1999-08-16
Elevation 1005.825 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 92-12-01

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2013-01-17

Scale Factor 0.999900 At Ref Mer 114

Northing 5642205.542 m
Easting -224.039 m
Convergence -0 00 08.90 dms
Station Ellipsoid Factor 0.999845
Station Combined Factor 0.999745

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)
74021 239114	409.135	1	22/1	0.999745	185 56 06.09	1.4	0.00
103747 640-0.107	983.658	1	13/1	0.999744	273 54 22.16	1.1	0.00
184374 640-0.87	992.730	1	12/1	0.999743	265 06 57.61	1.0	0.00
187971 640-0.85	998.516	1	12/1	0.999743	259 50 53.92	1.0	0.00
160747 640-0.84	1064.219	1	11/1	0.999743	250 59 23.47	1.0	0.00
254219 640-0.86	1120.361	1	11/1	0.999743	278 08 46.55	0.9	0.00

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

Component Magnitude Std Dev
Meridian Defl,XI(+N) 4.1 s 2 s
Prime Vert Defl,ETA(+E) 5.1 s 2 s
Geoid_Ellip Separation -16.09 m 1 m

MARKER TYPE

Updated: 1981-06-14

ASC CAP SET IN CONCRETE CURB

COORDINATE HISTORY

Originating Project 79040 79040
Published 83-08-19 83-08-19
Revising Project NAD83 98014
Published 94-05-24 99-08-16
Revising Project
Published
Revising Project
Published

MARKER LOCATION

Updated: 1989-09-26

LOCATED ON THE NORTH WEST CORNER OF DEERSIDE DRIVE AND 300 - DEERSIDE PLACE
SOUTH EAST; 7.85 M NORTH OF BACK OF ROLLED CURB ON THE NORTH SIDE PRODUCED
EAST; 0.66 M EAST OF BACK OF WALK ON THE WEST SIDE PRODUCED SOUTH; 0.78 M EAST
OF BACK OF WALK ON CURVE.

NON COORDINATE REVISIONS

1981-06-14 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 1992-12-01 1993-02-08
MARKER REPORTED IN GOOD CONDITION. 1989-02-13 1989-09-26

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56404 0 125

VERT

99-08-16

0.010 m ELEVATION REVISED AND REINTEGRATED

HISTORY 640+00.125 56404 0 125