

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 56 48.37022 dms
Longitude 114 03 56.21299 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 75-03
Date Printed 2025-08-03
Last Updated 2006-06-28

ASCM 1313
Tablet Markings 643-4.119
Mapsheet Name CALGARY F
Mapsheet Number 5643 - 004

Vert Datum CVD28 Updated: 1983-04-29
Elevation 1049.363 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 05-06-02

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2006-06-28

Scale Factor 0.999900 At Ref Mer 114

Northing 5645601.382 m
Easting -4610.808 m
Convergence -0 03 03.43 dms
Station Ellipsoid Factor 0.999838
Station Combined Factor 0.999738

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
266965 643-4.145	102.972	1 97/2	0.999735	209 30 06.03	6.0	0.00
208280 643-4.118	136.216	1 73/2	0.999742	56 27 45.65	4.7	0.00
293704 643-4.117	300.677	1 43/2	0.999738	99 32 48.38	3.5	0.00
218990 643-4.147	304.007	1 46/2	0.999740	15 24 02.76	3.8	0.00
95919 643-4.142	321.380	1 40/2	0.999739	24 27 20.37	3.3	0.00
275172 643-4.122	349.395	1 43/2	0.999737	174 46 34.15	3.6	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1976-02-18

Meridian Defl, XI(+N) 3.9 s 2 s
Prime Vert Defl, ETA(+E) 6.0 s 2 s
Geoid_Ellip Separation -16.04 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
5 CM BGL, LANDSCAPED.

COORDINATE HISTORY

MARKER LOCATION

Updated: 2006-06-16

Originating Project 75109 75109
Published 83-04-29 83-04-29

ON W/S OF RD NEAR FRONT OF HOUSE #312 BONA VISTA DR SE; 0.5 M S OF THE S/WALL OF
HOUSE PROD E; IN LINE WITH S C/L OF FENCE PROD E; 7.3 M S OF C/L OF CONCRETE WAL
KWAY.

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

NON COORDINATE REVISIONS

1976-02-18 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.

2005-06-02 2006-06-16
1989-03-09 1989-04-12

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56434 4 119

HISTORY 643-04.119 56434 4 119