

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 07 40.31986 dms
Longitude 114 03 48.32028 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 81-08
Date Printed 2025-08-03
Last Updated 2020-01-09

ASCM 59816
Tablet Markings 664-4.164
Mapsheet Name CALGARY H
Mapsheet Number 5664 - 004

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1098.031 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 94-01-19

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5665746.103 m
Easting -4439.406 m
Convergence -0 02 57.76 dms
Station Ellipsoid Factor 0.999831
Station Combined Factor 0.999731

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev (m) (cm)	PPM/ Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
126540 664-4.189	126.762	1	87/2	0.999734	85 40 00.72	4.7	0.00
172965 664-4.167	138.414	1	58/2	0.999727	311 14 47.24	3.8	0.00
295766 664-4.163	159.939	1	50/2	0.999733	159 06 40.19	3.6	0.00
60632 664-4.165	251.393	1	36/1	0.999732	84 02 02.66	2.9	0.00
134999 664-4.194	254.139	1	51/2	0.999730	300 54 03.14	3.5	0.00
157776 664-4.162	284.546	1	42/2	0.999733	173 36 40.51	3.2	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1994-03-07

Meridian Defl,XI(+N) 2.3 s 2 s
Prime Vert Defl,ETA(+E) 5.8 s 2 s
Geoid_Ellip Separation -16.32 m 1 m

ASC CAP SET IN CONCRETE SIDEWALK

FLUSH W/GRND

COORDINATE HISTORY

MARKER LOCATION

Updated: 1994-03-07

Originating Project 81018 81018
Published 82-08-19 82-08-19

ON NE COR OF BEDFORD DR & BEDDINGTON DR NE. 0.18M W OF B.O.W. E/S
BEDDINGTON BLVD. 0.30M N OF B.O.W. N/S BEDFORD DR; IN LINE WITH CONC.
RETAINING WALL PROD. W.

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

NON COORDINATE REVISIONS

1982-08-17 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

1994-01-19 1994-03-07

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56644 4 164

99-10-21

0.038 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY

56644 4 164