

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 07 30.36616 dms
Longitude 114 08 19.28031 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 84-03
Date Printed 2025-08-03
Last Updated 2003-03-12

ASCM 53942
Tablet Markings 664-8.121
Mapsheet Name CALGARY H
Mapsheet Number 5664 - 008

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1230.293 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-12-06

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 1999-10-21

Scale Factor 0.999900 At Ref Mer 114

Northing 5665445.769 m
Easting -9708.467 m
Convergence -0 06 28.70 dms
Station Ellipsoid Factor 0.999810
Station Combined Factor 0.999711

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
77743 664-8.122	271.773	1 33/1	0.999711	91 12 20.55	2.8	0.00
212225 664-8.120	352.151	1 31/1	0.999710	165 43 10.63	2.4	0.01
58966 664-8.123	371.762	1 38/2	0.999711	135 45 59.70	3.1	0.01
427005 664-8.253	421.726	1 38/2	0.999710	1 33 47.92	3.1	-0.01
188086 664-8.113	425.170	1 31/2	0.999712	269 08 56.34	2.4	0.00
386672 664-8.256	429.514	1 35/2	0.999710	50 54 52.38	2.9	-0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1992-05-05

Meridian Defl,XI(+N) 2.2 s 2 s
Prime Vert Defl,ETA(+E) 6.5 s 2 s
Geoid_Ellip Separation -16.16 m 1 m

ASC BRASS TABLET ON 7 X 305CM HEAVY WALL PIPE.
FLUSH W/GRND

COORDINATE HISTORY

MARKER LOCATION

Updated: 1992-05-05

Originating Project 84012 84012
Published 85-07-18 85-07-18

ON W/S OF EDENWOLD DR. AT EDENWOLD CRES. NW ; 0.30 M. W OF F.O.C.; 10.0 M.
N OF F.O.C. ON N/S PROD. W.; 10.4 M. W OF CENTER OF TWIN CB.

Revising Project NAD83 98016
Published 94-05-24 00-06-15
Revising Project
Published
Revising Project
Published

NON COORDINATE REVISIONS

1985-07-16 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

1993-12-06 1994-02-03
1992-03-11 1992-05-05

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56644 8 121

00-06-15

0.011 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 56644 8 121