

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 56 47.76242 dms
Longitude 114 07 03.78110 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 82-02

ASCM 41764

Tablet Markings 643-8.66

Date Printed 2025-08-03
Last Updated 2007-07-23

Mapsheet Name CALGARY F
Mapsheet Number 5643 - 008

Vert Datum CVD28 Updated: 2007-07-23
Elevation 1105.964 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-07-26

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2007-06-20

Scale Factor 0.999900 At Ref Mer 114

Northing 5645587.151 m
Easting -8272.111 m
Convergence -0 05 29.09 dms
Station Ellipsoid Factor 0.999829
Station Combined Factor 0.999730

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev	PPM/Order	Grid/Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
496505 643-4.258	298.743	1	33/2	0.999730	124 02 01.64	2.7	0.00
495648 643-4.259	420.462	1	31/2	0.999731	143 20 00.49	2.6	0.01
190231 643-4.178	505.815	1	28/1	0.999731	149 18 19.27	2.3	0.01
236869 643-8.38	564.806	1	25/1	0.999730	17 57 46.55	2.2	-0.01
281261 643-8.63	571.358	1	23/1	0.999729	277 28 16.20	1.8	0.00
493783 643-4.257	573.305	1	24/1	0.999731	109 42 27.36	1.7	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1994-01-18

Meridian Defl,XI(+N) 4.0 s 2 s
Prime Vert Defl,ETA(+E) 6.9 s 2 s
Geoid_Ellip Separation -15.92 m 1 m

ASC CAP ON 6 CM DIA LIGHT WALL STEEL DRIVEN PIPE 2.4 M LONG
60 CM BGL IN A MH & COVER

COORDINATE HISTORY HORZ VERT

MARKER LOCATION

Updated: 1992-01-29

Originating Project 82001 82001
Published 83-01-20 83-01-20

ON E/S OF 24 ST. & N OF WOODGLEN RISE S.W.; 0.40 M W OF B.O.W. E;
24 M N OF B.O.W. N/S WOODPARK AVE. PROD W; 11 M N.E. OF LT.S.

Revising Project NAD83 26008
Published 94-05-24 07-07-23
Revising Project 98017
Published 01-02-07
Revising Project
Published

NON COORDINATE REVISIONS

1983-01-27 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	1993-07-26	1994-01-18
MARKER REPORTED IN GOOD CONDITION	1991-08-16	1992-01-29
MARKER REPORTED IN GOOD CONDITION	1991-06-24	1992-01-02
MARKER REPORTED IN GOOD CONDITION	1991-06-24	1991-12-20

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56434 8 66

07-07-23	-0.012 m	REVISED ELEVATION-BETTER INTEGRATION
01-02-07	0.013 m	ELEVATION REVISED AND REINTEGRATED

HISTORY 56434 8 66