

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 57 25.73063 dms
Longitude 114 04 07.24856 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 83-12

Date Printed 2025-08-03
Last Updated 2006-06-28

ASC 61903

Tablet Markings 646-4.342

Mapsheet Name CALGARY F
Mapsheet Number 5646 - 004

Vert Datum CVD28 Updated: 2001-02-07
Elevation 1046.621 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-08-18

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2006-06-28

Scale Factor 0.999900 At Ref Mer 114

Northing 5646755.976 m
Easting -4825.144 m
Convergence -0 03 12.03 dms
Station Ellipsoid Factor 0.999839
Station Combined Factor 0.999739

ASC	Tablet	Horizontal	Std	PPM/	Grid/	Grnd	Grid	Std	T-t
To	Markings	Distance	Dev	Order	Factor	Bearing	Dev	Corr	
		(m)	(cm)			(dms)	(s)	(s)	
235317	646-4.340	107.602	1	102/2	0.999736	357 21 07.01	5.5	0.00	
214437	646-4.96	168.361	1	89/2	0.999741	51 56 58.94	7.1	0.00	
36533	646-4.344	268.705	1	45/2	0.999736	170 24 59.77	3.1	0.00	
661	646-4.97	334.696	1	45/2	0.999737	71 21 26.02	3.7	0.00	
8185	646-4.87	398.031	1	33/2	0.999738	216 08 30.59	2.7	0.00	
291765	646-4.339	415.177	1	34/2	0.999738	356 49 07.07	2.6	-0.01	

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1994-01-05

Meridian Defl,XI(+N) 3.8 s 2 s
Prime Vert Defl,ETA(+E) 6.1 s 2 s
Geoid_Ellip Separation -16.05 m 1 m

ASC BRASS TABLET SET ON 7CM X 335CM HEAVY WALL PIPE WITH HELIX PLACED FLUSH WITH
THE GRD. POST MKD 646-4.343. 5 CM. BG

COORDINATE HISTORY HORZ VERT

MARKER LOCATION

Updated: 1994-01-05

Originating Project 83054 83054
Published 84-12-11 84-12-11

LOCATED ON THE W/S OF BONAVENTURE DR AND S OF WILLOW PARK DR SE;
0.3M E OF THE E EDGE OF THE WALK; 43M S OF THE S P/L OF WILLOW
RIDGE PLACE PRODUCED W; PLACED AND DATED BY THE CITY OF CALGARY
IN 1983. 2.2 M B.O.C. PROD S.

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

NON COORDINATE REVISIONS

1984-12-11 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

1993-08-18 1994-01-05

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56464 4 342

01-02-07

0.015 m ELEVATION REVISED AND REINTEGRATED

HISTORY 56464 4 342