

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 57 29.46079 dms
Longitude 114 06 25.66997 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 77-03

ASCM 47175

Tablet Markings 646-4.277

Date Printed 2025-08-03
Last Updated 2007-06-25

Mapsheet Name CALGARY F
Mapsheet Number 5646 - 004

Vert Datum CVD28 Updated: 2001-02-07
Elevation 1095.712 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 06-03-21

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2007-06-25

Scale Factor 0.999900 At Ref Mer 114

Northing 5646874.453 m
Easting -7526.320 m
Convergence -0 04 59.54 dms
Station Ellipsoid Factor 0.999831
Station Combined Factor 0.999732

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
198762 646-4.276	109.931	1 100/2	0.999731	269 49 44.40	6.3	0.00
26450 646-4.275	133.034	1 105/2	0.999726	302 17 40.99	8.0	0.00
227090 646-4.281	208.286	1 67/2	0.999732	263 24 45.21	4.9	0.00
92502 646-4.113	223.071	1 76/2	0.999732	147 04 01.14	5.0	0.00
195958 646-4.274	249.050	1 60/2	0.999732	292 01 31.33	4.9	0.00
74849 646-4.120	259.483	1 50/2	0.999731	170 13 00.23	4.3	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1992-01-02

Meridian Defl,XI(+N) 3.8 s 2 s
Prime Vert Defl,ETA(+E) 6.7 s 2 s
Geoid_Ellip Separation -15.97 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
FLUSH W/GRND, LANDSCAPED

COORDINATE HISTORY HORZ VERT

MARKER LOCATION

Updated: 2007-06-25

Originating Project 77030 77030
Published 78-01-17 78-01-17

IN FRONT OF HOUSE #491 - BROOKMERE CRES SW; 5.1 M W OF E/WALL OF HOUSE PROD S; 1
.8 M E OF C/L OF PRIVAT WALKWAY; 0.1 M N OF BORG ON CURVE.

Revising Project NAD83 98017
Published 94-05-24 01-02-07
Revising Project 98015
Published 99-10-21
Revising Project
Published

NON COORDINATE REVISIONS

1978-01-31 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

2006-03-21 2007-06-25
1991-06-24 1992-01-02

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56464 4 277

01-02-07 -0.005 m ELEVATION REVISED AND REINTEGRATED
99-10-21 0.023 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 646-04.277 56464 4 277