

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 03 18.97420 dms
Longitude 114 07 46.49839 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 84-02

ASCM 28704

Tablet Markings 655-8.277

Date Printed 2025-08-03
Last Updated 2003-12-01

Mapsheet Name CALGARY G
Mapsheet Number 5655 - 008

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1057.398 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 03-10-01

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2003-12-01

Scale Factor 0.999900 At Ref Mer 114

Northing 5657676.678 m
Easting -9084.696 m
Convergence -0 06 02.82 dms
Station Ellipsoid Factor 0.999837
Station Combined Factor 0.999738

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev (s)	PPM/ Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
198267 B10	201.053	1	35/1	0.999739	247 19 38.40	2.9	0.00
138867 B8	224.698	1	31/1	0.999736	186 30 30.65	2.6	0.01
92635 655-8.282	304.813	1	26/1	0.999738	109 28 05.91	2.2	0.00
86017 655-8.43	323.459	1	28/1	0.999737	110 27 53.36	2.3	0.00
42929 B11	325.840	1	25/1	0.999737	288 27 11.49	2.1	0.00
33514 655-8.278	344.994	1	29/1	0.999739	56 54 54.61	2.5	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1984-12-19

Meridian Defl,XI(+N) 2.8 s 2 s
Prime Vert Defl,ETA(+E) 6.6 s 2 s
Geoid_Ellip Separation -16.09 m 1 m

ASC CAP SET IN CONCRETE SIDEWALK

COORDINATE HISTORY

MARKER LOCATION

Updated: 2003-12-01

Originating Project 84009 84009
Published 84-12-19 84-12-19

INT OF 29 ST & PARKDALE BLVD NW; 10CM S F.O.C.; 27CM E OF F.O.C.,
PROD S; 2.95M NNE OF TRAFFIC LIGHT STANDARD; 5.12M E OF CB.
3.7M NNE OF FOOTHILLS HOSPITAL SIGN; IN THE CURB 0.1 M N OF B.O.C.

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

NON COORDINATE REVISIONS

1984-12-19 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

2003-10-01 2003-12-01
1992-12-09 1993-01-22

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56554 8 277

00-06-15

0.028 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 56554 8 277