

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 03 03.87264 dms
Longitude 114 07 25.69778 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 66-03
Date Printed 2025-08-03
Last Updated 2016-04-08

ASCM 25874
Tablet Markings B4
Mapsheet Name CALGARY G
Mapsheet Number 5655 - 008

Vert Datum CVD28 Updated: 1971-10-21
Elevation 1052.639 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 92-12-22

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2016-04-08

Scale Factor 0.999900 At Ref Mer 114

Northing 5657209.351 m
Easting -8680.404 m
Convergence -0 05 46.62 dms
Station Ellipsoid Factor 0.999838
Station Combined Factor 0.999739

ASCM Tablet To Markings	Horizontal Distance	Std Dev (m)(cm)	PPM/ Order	Grid/ Factor	Grnd	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
225045 B5	198.081	1	30/1	0.999736	34 33	27.50	2.7	0.00
136358 B6	235.999	1	30/1	0.999740	310 08	08.91	2.6	0.00
86017 655-8.43	368.567	1	24/1	0.999740	344 02	18.21	2.0	-0.01
92635 655-8.282	384.115	1	26/1	0.999740	342 15	51.15	2.1	-0.01
30627 655-8.45	421.984	1	21/1	0.999739	36 37	06.72	1.9	-0.01
138867 B8	494.388	1	18/1	0.999739	299 36	00.43	1.6	-0.01

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

Component	Magnitude	Std Dev
Meridian Defl,XI(+N)	2.8 s	2 s
Prime Vert Defl,ETA(+E)	6.5 s	2 s
Geoid_Ellip Separation	-16.10 m	1 m

MARKER TYPE

Updated: 1993-07-07

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
FLUSH WITH GROUND

COORDINATE HISTORY HORZ VERT

Originating Project 71105 71105
Published 71-10-21 71-10-21

Revising Project NAD83
Published 94-05-24
Revising Project
Published
Revising Project
Published

MARKER LOCATION

Updated: 1993-07-07

ON THE SOUTH SIDE OF THE BOW RIVER IN EDWORTHY PARK AND WEST OF THE WEST SIDE
OF 26 STREET N.W.; IN FRONT OF HOUSE NO. 2716 - PARKDALE BLVD. N.W. PRODUCED
SOUTH; 26.30 M WNW OF AN N-S POWER LINE; 32.3 M NW OF THE FIRST POWER POLE
SOUTH OF RIVER; 0.50 M NORTH OF THE NORTH SIDE OF ASPHALT BIKE PATH.

NON COORDINATE REVISIONS

1971-12-10 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

1992-12-22 1993-07-07

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56554 8 26

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HISTORY 655-08 26