

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 02 06.51912 dms
Longitude 114 08 46.44588 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 72-03
Date Printed 2025-08-03
Last Updated 2017-03-21

ASCM 21170
Tablet Markings 655-8.141
Mapsheet Name CALGARY G
Mapsheet Number 5655 - 008

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1142.049 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 92-09-21

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2017-03-21

Scale Factor 0.999900 At Ref Mer 114

Northing 5655440.043 m
Easting -10256.570 m
Convergence -0 06 49.33 dms
Station Ellipsoid Factor 0.999824
Station Combined Factor 0.999725

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
136879 655-8.137	192.051	1 47/2	0.999724	265 30 34.50	3.9	0.00
95620 655-8.140	197.691	1 40/2	0.999725	160 03 08.32	3.5	0.00
103259 655-8.138	261.692	1 46/2	0.999726	243 03 32.57	3.9	0.00
194340 652-8.154	289.838	1 38/2	0.999725	203 56 57.33	3.1	0.01
193763 652-8.164	290.960	1 34/2	0.999726	162 01 08.46	2.9	0.01
101212 655-8.136	306.127	1 36/2	0.999726	270 22 55.59	3.0	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1992-01-24

Meridian Defl,XI(+N) 3.0 s 2 s
Prime Vert Defl,ETA(+E) 6.9 s 2 s
Geoid_Ellip Separation -16.02 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
2 CM BGL, LANDSCAPED.

COORDINATE HISTORY

MARKER LOCATION

Updated: 1993-01-26

Originating Project 72108 72108
Published 83-02-03 83-02-03

ON NW CORNER OF 19 AVENUE AND KELWOOD DRIVE S.W.; 2.4 M WEST OF B.O.W. PROD.
S.; 2.9 M NORTH OF B.O.W. PROD. E.; 3.3 M NE OF CB.

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

NON COORDINATE REVISIONS

1973-04-26 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	1992-09-21	1993-01-26
MARKER FOUND IN GOOD CONDITION	1991-07-09	1992-01-24

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56554 8 141

00-06-15

0.019 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 655-08.141 56554 8 141