

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 04 19.99663 dms
Longitude 113 58 42.49204 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 78-03
Date Printed 2025-08-03
Last Updated 2007-06-22

ASCM 7641
Tablet Markings 658+4.268
Mapsheet Name CALGARY B
Mapsheet Number 5658 + 004

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1083.381 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 07-01-26

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2007-06-20

Scale Factor 0.999900 At Ref Mer 114

Northing 5659554.474 m
Easting 1508.857 m
Convergence 0 01 00.30 dms
Station Ellipsoid Factor 0.999833
Station Combined Factor 0.999733

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
120121 658+4.272	161.133	1 62/2	0.999737	358 08 43.96	4.1	0.00
235333 658+4.213	177.780	1 56/2	0.999734	122 11 19.36	4.9	0.00
101998 658+4.208	189.875	1 58/2	0.999730	180 30 24.45	3.7	0.00
60707 658+4.269	235.549	1 42/2	0.999734	85 59 18.44	3.5	0.00
256958 658+4.209	259.651	1 39/2	0.999735	228 07 29.73	3.2	0.00
130716 658+4.271	292.470	1 34/2	0.999732	358 58 26.83	2.8	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1978-12-06

Meridian Defl,XI(+N) 2.7 s 2 s
Prime Vert Defl,ETA(+E) 4.5 s 2 s
Geoid_Ellip Separation -16.40 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

COORDINATE HISTORY

MARKER LOCATION

Updated: 2007-06-22

Originating Project 78010 78010
Published 83-08-03 83-08-03

LOCATED ON THE SOUTH EAST CORNER OF 38 STREET AND RUNDLEMER ROAD NORTH
EAST (SOUTH LEG); 0.1 M SE OF BOW ON CURVE; 0.35 M S OF S/BOW PROD W; 4.2 M E OF
E/BOW PROD E.

Revising Project NAD83 98015
Published 94-05-24 99-10-21
Revising Project
Published
Revising Project
Published

NON COORDINATE REVISIONS

1978-12-06 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.

2007-01-26 2007-06-22
1988-09-23 1988-11-09

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56583 4 268

99-10-21

0.016 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 658+04.268 56583 4 268