

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 05 00.23745 dms
Longitude 113 56 27.09105 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 80-04

ASCM 41475

Tablet Markings 658+8.96

Date Printed 2025-08-03
Last Updated 2020-01-09

Mapsheet Name CALGARY B
Mapsheet Number 5658 + 008

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1081.049 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-12-20

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5660799.344 m
Easting 4143.725 m
Convergence 0 02 45.66 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)
195016 658+8.100	101.958	1 127/2	0.999736	98 39 36.33	10.8	0.00
64089 658+8.106	103.952	1 96/2	0.999734	268 36 06.13	6.3	0.00
65896 658+8.107	124.843	1 120/2	0.999731	313 15 31.85	9.2	0.00
38646 658+8.101	167.733	1 78/2	0.999735	89 08 49.69	6.5	0.00
146126 658+8.103	211.471	1 52/2	0.999735	152 22 09.47	4.6	0.00
14514 658+8.108	217.764	1 55/2	0.999732	204 41 55.89	4.5	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1982-03-01

Meridian Defl,XI(+N) 2.7 s 2 s
Prime Vert Defl,ETA(+E) 4.2 s 2 s
Geoid_Ellip Separation -16.47 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

COORDINATE HISTORY

MARKER LOCATION

Updated: 1994-01-24

Originating Project 77045 77045
Published 82-03-01 82-03-01

LOCATED ON THE NORTH EAST CORNER OF 64 STREET AND TEMPLEVIEW GATE NORTH EAST;
0.05 M EAST OF BACK OF ROLLED CURB; EAST ON BACK OF WALK NORTH OF TEMPLEVIEW
GATE PRODUCED EAST. 0.9 M N OF S WALL OF HOUSE # 3502 64 ST. PROD.W;

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

NON COORDINATE REVISIONS

1982-03-01 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.

1993-12-20 1994-01-24
1988-10-05 1988-11-03

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56583 8 96

99-10-21

0.026 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 56583 8 96