

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 03 59.29251 dms
Longitude 113 59 18.25386 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 79-03

ASCM 52878

Tablet Markings 658+4.306

Date Printed 2025-08-03
Last Updated 2004-12-03

Mapsheet Name CALGARY B
Mapsheet Number 5658 + 004

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1092.770 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 94-05-10

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2004-12-03

Scale Factor 0.999900 At Ref Mer 114

Northing 5658914.569 m
Easting 812.778 m
Convergence 0 00 32.47 dms
Station Ellipsoid Factor 0.999831
Station Combined Factor 0.999731

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	Grid/Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
123711 658+4.300	217.085	1 69/2	0.999730	135 42 35.18	3.9	0.00
119560 G22	466.868	1 30/2	0.999731	269 47 55.69	2.0	0.00
124891 658+4.299	472.489	1 30/2	0.999731	157 47 23.59	2.4	0.00
272658 658+4.304	529.966	1 25/1	0.999732	187 21 32.78	2.1	0.00
219485 658+4.308	581.681	1 24/1	0.999732	62 33 38.41	2.0	0.00
259614 658+4.303	644.229	1 25/1	0.999731	213 17 10.54	2.1	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1994-06-29

Meridian Defl,XI(+N) 2.7 s 2 s
Prime Vert Defl,ETA(+E) 4.5 s 2 s
Geoid_Ellip Separation -16.37 m 1 m

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

COORDINATE HISTORY

MARKER LOCATION

Updated: 1988-11-08

Originating Project 79009 79009
Published 83-08-18 83-08-18

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

LOCATED ON THE SOUTH SIDE OF 16 AVENUE NORTH EAST AND WEST OF 36 STREET NORTH EAST; SOUTH OF THE SOUTH PROPERTY LINE (CHAIN LINK FENCE) OF 16 AVENUE NORTH EAST; IN LINE WITH THE EAST EDGE OF PARKING LOT PRODUCED NORTH 3140 - 14 AVENUE NORTH EAST; 5.65 M SOUTH OF THE SOUTH PROPERTY LINE (CHAIN LINK FENCE) OF 16 AVENUE NORTH EAST; 3.15 M WEST OF THE WEST PROPERTY LINE (FROST FENCE) OF FRANKLIN PARK CHILD CARE CENTRE; 1.5 M NORTH OF THE NORTH PROPERTY LINE (FROST FENCE) OF CHILD CARE CENTRE PRODUCED WEST.

NON COORDINATE REVISIONS

1979-12-19 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.

1994-05-10 1994-06-29
1988-09-26 1988-11-08

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56583 4 306

99-10-21

0.036 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 658+04.306 56583 4 306