

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 56 45.20934 dms
Longitude 114 05 25.94792 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 77-03

ASCM 28209

Tablet Markings 643-4.156

Date Printed 2025-08-03
Last Updated 2006-06-28

Mapsheet Name CALGARY F
Mapsheet Number 5643 - 004

Vert Datum CVD28 Updated: 2001-02-07
Elevation 1088.441 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 89-03-07

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2006-06-28

Scale Factor 0.999900 At Ref Mer 114

Northing 5645505.568 m
Easting -6362.527 m
Convergence -0 04 13.12 dms
Station Ellipsoid Factor 0.999832
Station Combined Factor 0.999733

ASCM Tablet To Markings	Horizontal Distance (m)	Std Dev (cm)	PPM/ Grid/ Grnd Order Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
13961 643-4.158	276.619	1	43/2 0.999732	166 17 31.16	3.6	0.00
93930 643-4.153	278.012	1	50/2 0.999734	31 09 48.62	4.2	0.00
114330 643-4.157	288.382	1	45/2 0.999730	210 26 52.84	3.7	0.00
271759 643-4.154	295.915	1	41/2 0.999731	330 12 01.34	3.5	0.00
75770 643-4.95	305.103	1	39/2 0.999732	167 11 16.32	3.3	0.00
209650 643-4.87	309.311	1	42/2 0.999731	269 06 21.44	3.5	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1977-09-02

Meridian Defl,XI(+N) 4.0 s 2 s
Prime Vert Defl,ETA(+E) 6.5 s 2 s
Geoid_Ellip Separation -15.98 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

COORDINATE HISTORY

HORZ

VERT

Originating Project 77011 77011
Published 83-08-03 83-08-03

Revising Project NAD83 98017
Published 94-05-24 01-02-07

Revising Project
Published
Revising Project
Published

MARKER LOCATION

Updated: 1989-04-12

LOCATED AT 116 AVENUE - EAST OF 200 CANOVA PLACE SOUTH WEST; IN LINE WITH THE
EAST PROPERTY LINE OF HOUSE #1320 (LOT 2) - 116 AVENUE; 0.2' NORTH OF BACK OF
WALK ON THE NORTH SIDE OF 116 AVENUE.

NON COORDINATE REVISIONS

1977-09-02 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.

1989-03-07 1989-04-12

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56434 4 156

VERT

01-02-07

0.015 m ELEVATION REVISED AND REINTEGRATED

HISTORY 643-04.156 56434 4 156