

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 51 30.54222 dms
Longitude 114 08 26.15033 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 74-03
Date Printed 2025-08-03
Last Updated 2003-03-12

ASCM 8441
Tablet Markings 634-8.4
Mapsheet Name CALGARY E
Mapsheet Number 5634 - 008

Vert Datum CVD28 Updated: 1983-07-27
Elevation 1153.900 m
Vert Class NOT INTEGRATED, NON-SIMUL TRIG

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

Marker Condition GOOD 97-12-03

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 1998-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5635788.283 m
Easting -9898.606 m
Convergence -0 06 32.57 dms
Station Ellipsoid Factor 0.999822
Station Combined Factor 0.999723

ASCM Tablet To Markings	Horizontal Distance (m)	Std Dev (cm)	PPM/Order	Grid/Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
57182 76A025	504.590	1	75/3	0.999723	355 46 19.14	6.4	-0.01
26047 637-8.6	1538.375	2	31/2	0.999722	0 19 34.47	2.6	-0.04
190736 634-8.7	1627.442	2	34/2	0.999723	264 46 10.70	2.8	0.00
177782 634-8.6	1637.202	3	34/2	0.999722	277 42 37.33	2.7	-0.01
63214 634-8.2	1647.624	3	35/2	0.999723	90 57 21.69	2.8	0.00
79608 634-8.3	1674.752	3	34/2	0.999724	100 29 38.45	2.8	0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1998-01-09

Meridian Defl,XI(+N) 4.9 s 2 s
Prime Vert Defl,ETA(+E) 7.5 s 2 s
Geoid_Ellip Separation -15.65 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
5.0 CM BGL. 0.27 M WEST OF GP.

COORDINATE HISTORY

HORZ

VERT

Originating Project 75116 75116
Published 83-07-27 83-07-27

Revising Project NAD83
Published 94-05-24

Revising Project
Published
Revising Project
Published

MARKER LOCATION

Updated: 1998-01-09

LOCATED ON THE WEST SIDE OF 37 STREET SOUTH WEST; APPROX 305 M NORTH OF THE 1/4 LINE OF SECTION 12-22-2-5; 16.0 M NORTH OF A WOODEN POWER POLE; 2.6 M EAST OF THE WEST PROPERTY LINE OF 37 STREET; MARKER POST AT MONUMENT 0.28 M E; BARBED WIRE FENCE 2.65 M W.
REF BY 3 REBARS, 1 M LONG, WITH GP'S AS FOLLOWS:

RM 1	DIST	43.593 M	AZ	90-26-50	DELE	-0.549 M
RM 2	DIST	24.654 M	AZ	180-44-14	DELE	-0.723 M
RM 3	DIST	24.546 M	AZ	351-38-36	DELE	+0.352 M

NON COORDINATE REVISIONS

1975-10-20 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	1997-12-03	1998-01-09
MARKER REPORTED IN GOOD CONDITION	1990-05-10	1990-06-26
MARKER REPORTED IN GOOD CONDITION.	1989-01-25	1989-03-29

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56344 8 4

VERT

HISTORY 634-08.4 56344 8 4