

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 53 31.43362 dms
Longitude 114 09 48.61842 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 74-03

ASCM 29843

Tablet Markings 637-8.5

Date Printed 2025-08-03
Last Updated 2003-03-12

Mapsheet Name CALGARY F
Mapsheet Number 5637 - 008

Vert Datum CVD28 Updated: 1991-05-27
Elevation 1159.249 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 98-11-10

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 1998-11-19

Scale Factor 0.999900 At Ref Mer 114

Northing 5639526.967 m
Easting -11503.135 m
Convergence -0 07 36.74 dms
Station Ellipsoid Factor 0.999821
Station Combined Factor 0.999723

ASCM Tablet To Markings	Horizontal Distance	Std Dev (m)(cm)	PPM/ Order	Grid/ Factor	Grnd Bearing (dms)	Grid Dev (s)	T-t Corr (s)
238527 637-8.4	465.389	1	24/1	0.999722	359 48 12.88	2.0	-0.01
907220 907220	553.975	1	29/2	0.999724	280 52 25.87	2.5	0.00
736272 736272	825.012	1	18/1	0.999722	0 17 52.11	1.6	-0.02
726638 726638	965.823	1	20/1	0.999722	58 34 49.20	1.6	-0.01
925354 925354	1014.648	1	20/1	0.999722	84 36 01.08	1.7	0.00
527671 527671	1223.448	1	15/1	0.999722	311 31 20.02	1.2	-0.02

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1998-11-19

Meridian Defl,XI(+N) 4.7 s 2 s
Prime Vert Defl,ETA(+E) 7.7 s 2 s
Geoid_Ellip Separation -15.68 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
15 CM BGL, 1 GP

COORDINATE HISTORY

MARKER LOCATION

Updated: 1975-10-20

	HORZ	VERT
Originating Project	75116	75116
Published	83-07-27	83-07-27
Revising Project	NAD83	90043
Published	94-05-24	91-05-27
Revising Project		
Published		
Revising Project		
Published		

LOCATED ON THE SOUTH WEST CORNER OF 178 AVENUE (HWY 22X) AND 53 STREET
SOUTH WEST; 3.7 M EAST OF WEST PROPERTY LINE OF 53 STREET; IN LINE
WITH SOUTH PROPERTY LINE OF 178 AVENUE PRODUCED EAST; 2.0 M SOUTH OF
LARGE A.G.T. MANHOLE; 0.25 M EAST OF GP.

"ELEVATION DERIVED FROM SPIRIT LEVELS RUN IN MARCH 1979".

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
MARKER REPORTED IN GOOD CONDITION

1998-11-10 1998-11-19
1990-05-10 1990-06-26

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56374 8 5

91-05-27 0.020 m ELEVATION REVISED AND REINTEGRATED

HISTORY 637-08.5 56374 8 5