

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 07 24.79667 dms
Longitude 114 07 04.95598 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 64-05
Date Printed 2025-08-03
Last Updated 2003-03-12

ASCM 52407
Tablet Markings 190259
Mapsheet Name CALGARY G
Mapsheet Number 5664 - 008

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1228.632 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-11-02

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 1999-10-20

Scale Factor 0.999900 At Ref Mer 114

Northing 5665271.152 m
Easting -8263.513 m
Convergence -0 05 30.83 dms
Station Ellipsoid Factor 0.999810
Station Combined Factor 0.999711

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)
277863 664-8.30	341.809	1	38/2	0.999711	2 45 52.19	3.3	-0.01
121913 194260	689.884	1	26/2	0.999712	77 03 35.90	2.1	0.00
247742 190254	832.301	1	18/1	0.999711	180 02 53.03	1.5	0.02
297382 664-4.182	907.122	1	21/1	0.999716	22 56 28.71	1.7	-0.02
198663 184260	977.255	1	16/1	0.999710	279 44 20.86	1.3	0.00
249490 196260	997.184	1	18/1	0.999712	80 12 23.77	1.4	0.00

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

Component Magnitude Std Dev
Meridian Defl,XI(+N) 2.2 s 2 s
Prime Vert Defl,ETA(+E) 6.3 s 2 s
Geoid_Ellip Separation -16.20 m 1 m

MARKER TYPE Updated: 1993-12-23
TSC CAP IN REINFORCED CONCRETE CYLINDER
10 CM BGL, 45 CM EAST OF GP

COORDINATE HISTORY

	HORZ	VERT
Originating Project	63004	63004
Published	70-01-18	70-01-18
Revising Project	NAD83	98016
Published	94-05-24	00-06-15
Revising Project		98015
Published		99-10-21
Revising Project		
Published		

MARKER LOCATION Updated: 1993-12-23
LOCATED IN NOSE HILL PARK ON SMALL KNOLL ON 24 STREET ROAD ALLOWANCE, N.W.;
8.2 M WEST OF CENTRE LINE OF 24 STREET PRODUCED SOUTH; 328.0 M SOUTH OF E-W
POWER LINE WHICH IS 80 AVENUE.

NON COORDINATE REVISIONS

1985-12-04 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 1993-11-02 1993-12-23

COORDINATE HISTORY COMMENTS

HORZ 94-05-24 ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56644 8 6 NGBD # 636135
HISTORY 56644 8 6

VERT
00-06-15 -0.022 m REVISED ELEVATION-BETTER INTEGRATION
99-10-21 0.026 m REVISED ELEVATION-BETTER INTEGRATION