

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 07 57.30505 dms
Longitude 114 09 30.23461 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 83-10
Date Printed 2025-08-03
Last Updated 2020-01-09

ASCM 14399
Tablet Markings 664-8.104
Mapsheet Name CALGARY H
Mapsheet Number 5664 - 008

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1239.761 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-12-07

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5666280.962 m
Easting -11086.376 m
Convergence -0 07 23.99 dms
Station Ellipsoid Factor 0.999808
Station Combined Factor 0.999710

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)
480186 664-8.250	214.117	1	37/1	0.999709	213 04 27.30	3.0	0.01
456343 664-8.143	266.498	1	41/2	0.999712	90 58 04.09	3.0	0.00
179184 664-8.105	327.598	1	34/2	0.999710	93 31 58.88	2.4	0.00
497917 664-8.142	361.672	1	36/2	0.999711	61 35 07.72	2.7	0.00
305870 664-8.139	382.990	1	29/1	0.999711	164 32 17.50	2.5	0.01
300129 664-8.140	415.613	1	24/1	0.999711	41 16 17.60	2.0	-0.01

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) 6.7 s 2 s
Geoid_Ellip Separation -16.13 m 1 m

MARKER TYPE

Updated: 1984-10-12

ASC CAP SET IN CONCRETE SIDEWALK

COORDINATE HISTORY

	HORZ	VERT
Originating Project	83048	83048
Published	84-10-15	84-10-15
Revising Project	NAD83	98016
Published	94-05-24	00-06-15
Revising Project	92006	87030
Published	92-10-22	89-04-25
Revising Project		
Published		

MARKER LOCATION

Updated: 1990-07-10

LOCATED ON NORTH WEST CORNER OF INTERSECTION OF EDGE PARK BOULEVARD AND EDGELAND RISE NORTH WEST; 50.0 CM EAST OF BACK OF SEPERATE WALK; 5.69 M NORTH OF BACK OF WALK PRODUCED EAST; 1.42 M NORTH OF INTERSECTION OF BACK OF WALK AND BACK OF SEPERATE WALK; 6.6 M NORTH EAST OF MIDDLE OF DOUBLE CURB; CATCH BASIN.

NON COORDINATE REVISIONS

1984-10-12 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	1993-12-07	1994-02-03
MARKER REPORTED IN GOOD CONDITION	1992-03-05	1992-03-25
MARKER REPORTED IN GOOD CONDITION	1989-11-06	1990-07-10
MARKER REPORTED IN GOOD CONDITION	1989-08-02	1989-09-22

COORDINATE HISTORY COMMENTS

HORZ 94-05-24 ALBERTA NAD83 READJUSTMENT
92-10-22 137 52 48 0.020 m MOVEMENT DETECTED

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56644 8 104

VERT

00-06-15 0.025 m REVISED ELEVATION-BETTER INTEGRATION
89-04-25 -0.020 m REVISED ELEVATION FROM SUSPECTED MOVEMENT

HISTORY 56644 8 104