

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 07 25.07130 dms
Longitude 114 10 59.80190 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 83-10

ASCM 20305

Tablet Markings 664-12.155

Date Printed 2025-08-03
Last Updated 2011-01-05

Mapsheet Name CALGARY G
Mapsheet Number 5664 - 012

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1189.037 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 89-08-02

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2011-01-05

Scale Factor 0.999900 At Ref Mer 114

Northing 5665288.986 m
Easting -12830.203 m
Convergence -0 08 33.66 dms
Station Ellipsoid Factor 0.999816
Station Combined Factor 0.999718

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev (m) (cm)	PPM/ Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
244392 664-12.156	322.847	1	53/2	0.999720	109 16 57.93	4.1	0.00
184218 664-12.158	362.023	1	50/2	0.999718	189 45 38.10	4.2	0.01
213405 664-12.157	380.291	1	55/2	0.999718	209 26 43.52	4.4	0.01
137570 664-12.114	398.556	1	40/2	0.999718	236 22 06.53	3.4	0.01
309351 309351	434.432	1	32/2	0.999717	325 51 43.08	2.7	-0.01
257170 664-12.85	435.851	1	23/1	0.999719	293 23 28.30	1.8	-0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1984-10-12

Meridian Defl,XI(+N) 2.2 s 2 s
Prime Vert Defl,ETA(+E) 6.8 s 2 s
Geoid_Ellip Separation -16.06 m 1 m

ASC CAP SET IN CONCRETE SIDEWALK

COORDINATE HISTORY

MARKER LOCATION

Updated: 1989-10-05

Originating Project 83048 83048
Published 84-10-15 84-10-15

Revising Project NAD83 98016
Published 94-05-24 00-06-15
Revising Project
Published
Revising Project
Published

LOCATED ON THE SOUTH SIDE OF JOHN LAURIE BOULEVARD NORTH WEST; 2.62 M NORTH OF
THE FOURTH LIGHT STANDARD WEST OF RANCLANDS BOULEVARD; 3.83 M WEST OF THE WEST
PROPERTY LINE OF HOUSE #127, 100 - RANCHRIDGE BAY PRODUCED NORTH (LOT 109);
7.0 CM NORTH OF BACK OF ROLLED CURB.

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.

1989-08-02 1989-10-05

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56644 12 155

00-06-15

0.021 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY

56644 12 155