

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 07 09.56620 dms
Longitude 114 10 25.79567 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 78-03
Date Printed 2025-08-03
Last Updated 2020-01-09

ASCM 64170
Tablet Markings 664-12.132
Mapsheet Name CALGARY G
Mapsheet Number 5664 - 012

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1184.983 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 78-03-01

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5664808.277 m
Easting -12170.065 m
Convergence -0 08 07.15 dms
Station Ellipsoid Factor 0.999817
Station Combined Factor 0.999719

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)
107235 664-8.71	138.589	1	57/2	0.999720	115 26 46.60	4.0	0.00
167205 664-12.129	162.560	1	55/2	0.999722	232 47 44.90	3.4	0.00
85316 664-8.72	164.859	1	61/2	0.999719	64 32 47.31	4.8	0.00
273615 664-12.131	186.124	1	48/2	0.999719	186 54 16.71	3.7	0.01
234906 664-12.128	203.711	1	54/2	0.999720	278 23 56.49	4.3	0.00
270967 664-8.70	220.643	1	45/2	0.999719	148 42 16.21	3.8	0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1979-10-11

Meridian Defl,XI(+N) 2.3 s 2 s
Prime Vert Defl,ETA(+E) 6.8 s 2 s
Geoid_Ellip Separation -16.07 m 1 m

ASC CAP ON 6 CM DIA LIGHT WALL STEEL DRIVEN PIPE 3.0 M LONG
FLUSH WITH THE GRD/MARKER POST

COORDINATE HISTORY

MARKER LOCATION

Updated: 1979-10-11

Originating Project 79014 79014
Published 83-08-18 83-08-18
Revising Project NAD83 98016
Published 94-05-24 00-06-15
Revising Project
Published
Revising Project
Published

LOCATED IN RESERVE PARCEL R-63, BLOCK 10, PLAN 7711287, ON
TOP OF KNOLL.
- THIS RESERVE PARCEL LIES TO THE N.W. OF RANCH ESTATES PLACE 500
AND N.E. OF RANCHVIEW MEWS 200.
- APPROXIMATELY 15.2 M S.E. OF THE N. EASTERLY PRODUCTION OF
THE CENTER LINE OF ROAD TO THE ENTRANCE OF RANCHVIEW MEWS 200.
- APPROXIMATELY 73.2 M N.W. OF THE CENTRE OF THE CUL-DE-SAC AT
RANCH ESTATES PLACE 500.

NON COORDINATE REVISIONS

1979-10-11 FIRST MARKER LOCATION
DESCRIPTION ENTERED
2003-03-12 "MAPSHEET NAME" AND/OR
"MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS

Inspected Updated

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56644 12 132

00-06-15

0.030 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY

56644 12 132