

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 06 59.02957 dms
Longitude 114 10 29.21386 dms
Horz Class INTEGRATED , ORDER 2

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

ASCM 2352
Tablet Markings 664-12.121
Mapsheet Name CALGARY G
Mapsheet Number 5664 - 012

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1153.836 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 84-05-31

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5664482.855 m
Easting -12237.313 m
Convergence -0 08 09.80 dms
Station Ellipsoid Factor 0.999822
Station Combined Factor 0.999724

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	PPM/ Factor	Grid/ Bearing (dms)	Grnd Dev (s)	T-t Corr (s)
254045 664-12.50	103.427	1	97/2	0.999731 136 38 04.26	8.4	0.00
257212 664-12.49	105.600	1	95/2	0.999722 204 39 11.11	5.7	0.00
87320 664-12.47	128.181	1	78/2	0.999720 236 53 07.21	6.4	0.00
273615 664-12.131	147.725	1	81/2	0.999721 17 41 27.94	6.6	0.00
270967 664-8.70	227.689	1	48/2	0.999721 53 00 59.33	3.7	0.00
167205 664-12.129	235.582	1	51/2	0.999721 344 41 17.63	4.2	-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 ALONG W. SIDE OF RANCH ESTATES DRIVE N.W. BETWEEN RANCH
ESTATES PLACE 100 AND RANCH ESTATES PLACE 200.
- N. OF 66TH AVENUE N.W.
- 0.2 M W. OF THE BACK OF WALK ON W. SIDE OF RANCH ESTATES DRIVE.
- 29 M N. OF THE FIRST LAMP STANDARD N. OF RANCH ESTATES PLACE
100.
- 50CM S OF S P/L OF HOUSE #23

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 12 121

00-06-15

0.029 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY

56644 12 121