

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 07 10.71452 dms  
Longitude 114 03 44.86294 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 73-03

ASCM 40907

Tablet Markings 664-4.99

Date Printed 2025-08-03  
Last Updated 2020-01-09

Mapsheet Name CALGARY G  
Mapsheet Number 5664 - 004

Vert Datum CVD28 Updated: 1999-10-21  
Elevation 1084.087 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-12-16

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5664831.244 m  
Easting -4372.959 m  
Convergence -0 02 55.05 dms  
Station Ellipsoid Factor 0.999833  
Station Combined Factor 0.999733

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
120170 664-4.97	176.711	1	62/2 0.999733	344 28 23.33	5.4	0.00
257618 664-4.84	257.242	1	39/2 0.999735	137 18 15.38	3.2	0.00
129528 664-4.95	257.659	1	50/2 0.999733	313 52 01.30	4.3	0.00
161349 664-4.94	359.760	1	39/2 0.999730	315 30 47.58	3.3	0.00
227397 664-4.96	361.119	1	36/2 0.999733	353 27 12.64	3.0	0.00
194712 664-4.79	373.636	1	27/1 0.999733	198 55 59.18	2.3	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1994-03-23

Meridian Defl, XI(+N) 2.3 s 2 s  
Prime Vert Defl, ETA(+E) 5.8 s 2 s  
Geoid\_Ellip Separation -16.31 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG  
10 CM BGL.

COORDINATE HISTORY

MARKER LOCATION

Updated: 1994-03-23

Originating Project 74114 74114  
Published 74-08-01 74-08-01

ON E/S OF RD. ACROSS FROM HOUSE #7523 HUNTRIDGE HILL N.E.; 0.05 M E  
OF B.O.W.; 1.0 M S OF THE S WALL OF HOUSE PROD. E; 1.7 M W OF N-S  
STEEL FENCE.

Revising Project NAD83 98015  
Published 94-05-24 99-10-21  
Revising Project  
Published  
Revising Project  
Published

NON COORDINATE REVISIONS

1975-01-30 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

1993-12-16 1994-03-23

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56644 4 99

99-10-21

0.036 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 664-04.99 56644 4 99