

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 06 57.69178 dms  
Longitude 114 12 52.83787 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 86-02  
Date Printed 2025-08-04  
Last Updated 2020-01-09

ASCM 366039  
Tablet Markings 664-12.168  
Mapsheet Name CALGARY G  
Mapsheet Number 5664 - 012

Vert Datum CVD28 Updated: 2011-01-21  
Elevation 1163.222 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 92-01-31

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5664448.907 m  
Easting -15030.713 m  
Convergence -0 10 01.59 dms  
Station Ellipsoid Factor 0.999820  
Station Combined Factor 0.999723

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev (m) (cm)	PPM/ Order	Grid/ Factor	Grnd	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
416537 664-12.175	142.745	1	63/2	0.999728	275	37 01.45	3.5	0.00
327429 664-12.164	157.287	1	51/2	0.999720	85	13 14.68	3.2	0.00
409979 664-12.165	163.474	1	49/2	0.999723	147	35 25.18	3.0	0.01
451559 661-12.272	246.203	1	32/1	0.999723	161	31 21.01	2.7	0.01
34157 664-12.142	271.987	1	33/1	0.999721	87	20 35.51	2.6	0.00
215053 664-12.174	292.458	1	31/1	0.999725	302	45 58.21	2.2	-0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1992-03-04

Meridian Defl,XI(+N) 2.3 s 2 s  
Prime Vert Defl,ETA(+E) 7.0 s 2 s  
Geoid\_Ellip Separation -15.97 m 1 m

ASC CAP ON 6 CM DIA LIGHT WALL STEEL PIPE 2.4 M LONG WITH HELIX BASE  
5 CM BGL

COORDINATE HISTORY

HORZ VERT

Originating Project 86019 86019  
Published 86-06-20 86-06-20  
Revising Project NAD83 29003  
Published 94-05-24 11-01-21  
Revising Project 98016  
Published 00-06-15  
Revising Project 88066  
Published 89-11-10

MARKER LOCATION

Updated: 1988-11-24

LOCATED ON THE NORTH WEST LEG OF SCENIC GLEN CRESCENT AT WALKWAY; IN FRONT OF  
HOUSE #111; 27.0 CM WEST OF BACK OF ROLLED CURB ON CURVE; 7.9 M NORTH NORTH  
EAST OF SOUTH WEST PROPERTY LINE OF WALKWAY PRODUCED SOUTH EAST; 3.3 M SOUTH  
WEST OF MIDDLE OF DOUBLE CATCH BASIN.

NON COORDINATE REVISIONS

1986-06-20 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	1992-01-31	1992-03-04
MARKER REPORTED IN GOOD CONDITION.	1988-11-15	1988-11-24
MARKER REPORTED IN GOOD CONDITION.	1988-09-29	1988-11-25

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56644 12 168

VERT

HISTORY 56644 12 168

11-01-21	0.013 m	REV ELEVATION-INTEGRATION INTO CCS DBM NET
00-06-15	0.025 m	REVISED ELEVATION-BETTER INTEGRATION
89-11-10	0.007 m	REV. ELEV FROM INTEGRATION INTO GSC DBM CIRC.