

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 08 11.57651 dms  
Longitude 114 04 58.72583 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 83-05

ASCM 40022

Tablet Markings 664-4.200

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

Mapsheet Name CALGARY H  
Mapsheet Number 5664 - 004

Vert Datum CVD28 Updated: 2000-06-15  
Elevation 1092.317 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 94-01-12

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5666713.292 m  
Easting -5807.266 m  
Convergence -0 03 52.60 dms  
Station Ellipsoid Factor 0.999831  
Station Combined Factor 0.999732

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)
223834 664-4.201	241.590	1	45/2	0.999732	183 45 56.89	3.7	0.00
186965 664-4.203	297.650	1	40/2	0.999733	145 24 10.66	3.3	0.00
86348 664-4.176	459.929	1	24/1	0.999731	193 18 26.27	2.1	0.01
197103 664-4.202	467.950	1	28/1	0.999730	181 31 08.72	2.4	0.01
137307 664-4.204	482.412	1	29/2	0.999732	157 29 25.90	2.4	0.01
168534 664-4.173	538.070	1	24/1	0.999732	146 41 03.84	2.0	0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1994-03-09

Meridian Defl,XI(+N) 2.2 s 2 s  
Prime Vert Defl,ETA(+E) 6.1 s 2 s  
Geoid\_Ellip Separation -16.29 m 1 m

ASC TABLET ON A 7 X 213CM DRIVEN PIPE WITH HELIX.  
10 CM BGL

COORDINATE HISTORY

MARKER LOCATION

Updated: 1994-03-09

Originating Project 83011 83011  
Published 84-05-10 84-05-10

IN PARK ON E/S OF BERKSHIRE BLVD. BEHIND HOUSE #336 BERKSHIRE PL. NW;  
2.15 M E OF B.OF SEP.W.; 9.2 M N OF THE N P/L FENCE PROD. W;  
8.10 M NW OF THE NW COR. OF GRAY A.G.T. BOX.

Revising Project NAD83 98016  
Published 94-05-24 00-06-15  
Revising Project 98015  
Published 99-10-21  
Revising Project 88030  
Published 89-02-06

NON COORDINATE REVISIONS

1984-05-08 FIRST MARKER LOCATION  
DESCRIPTION ENTERED  
2003-03-12 "MAPSHEET NAME" AND/OR  
"MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS

Inspected Updated

MARKER CONDITION COMMENTS	Inspected	Updated
MARKER REPORTED IN GOOD CONDITION	1994-01-12	1994-03-09
MARKER REPORTED IN GOOD CONDITION	1993-01-12	1993-12-29
MARKER REPORTED IN GOOD CONDITION	1988-03-29	1988-05-30

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56644 4 200

VERT

00-06-15	-0.029 m	REVISED ELEVATION-BETTER INTEGRATION
99-10-21	0.053 m	REVISED ELEVATION-BETTER INTEGRATION
89-02-06	-0.026 m	REVISED ELEV. FROM SUSPECTED MARKER MOVEMENT

HISTORY 56644 4 200