

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 06 41.99831 dms
Longitude 113 56 05.96772 dms
Horz Class INTEGRATED , ORDER 1

Marker Installed 73-03

ASCM 26898

Tablet Markings 661+8.28

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

Mapsheet Name CALGARY B
Mapsheet Number 5661 + 008

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1096.693 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 19-11-22

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5663944.073 m
Easting 4552.060 m
Convergence 0 03 02.16 dms
Station Ellipsoid Factor 0.999831
Station Combined Factor 0.999731

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)
611327 611327	278.607	1	32/1	0.999731	356 06 36.68	2.7	0.00
125625 661+8.58	394.948	1	23/1	0.999729	281 44 39.18	2.0	0.00
155325 661+8.49	405.653	1	20/1	0.999730	250 49 37.23	1.7	0.00
66076 661+8.59	461.485	1	20/1	0.999729	300 14 01.85	1.7	0.00
183525 661+8.53	465.951	1	28/1	0.999731	204 21 18.79	2.3	0.00
588509 588509	622.296	1	18/1	0.999731	294 24 53.58	1.5	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 2020-01-08

Meridian Defl,XI(+N) 2.8 s 2 s
Prime Vert Defl,ETA(+E) 4.3 s 2 s
Geoid_Ellip Separation -16.52 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
35 CM BGL, 1 GP.

COORDINATE HISTORY

MARKER LOCATION

Updated: 2020-01-08

Originating Project 73124 73124
Published 74-05-17 74-05-17

MONUMENT IS LOCATED IN GREEN SPACE N OF 64 AVE NE AND E OF 68 STR NE (ACROSS FROM HOUSE #6529); 2.45 M E OF BOC; 12 M W OF W EDGE OF BIKE PATH; 9.85 M S OF PARK BENCH.

Revising Project NAD83 98015
Published 94-05-24 99-10-21
Revising Project 91011
Published 91-12-04
Revising Project 82047
Published 85-01-23

NON COORDINATE REVISIONS

1974-03-28 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	2019-11-22	2020-01-08
MARKER REPORTED AS NOT FOUND, UNDER 1 M OF FILL.	1998-05-08	2001-08-24
MARKER REPORTED IN GOOD CONDITION	1994-03-15	1995-02-03
MARKER REPORTED IN GOOD CONDITION	1992-04-10	1992-07-08

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56613 8 28

VERT

HISTORY 56613 8 28

VERT	REVISION
99-10-21	0.023 m REVISED ELEVATION-BETTER INTEGRATION
91-12-04	-0.002 m ELEVATION REVISED AND REINTEGRATED
85-01-23	-0.028 m PREVIOUS TRIG ELEV REPLACED BY SPIRIT LEVEL