

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 05 29.28010 dms
Longitude 114 04 26.97067 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 71-03

ASCM 25601

Tablet Markings 661-4.94

Date Printed 2025-08-03
Last Updated 2015-07-31

Mapsheet Name CALGARY G
Mapsheet Number 5661 - 004

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1087.451 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 15-07-10

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2013-01-17

Scale Factor 0.999900 At Ref Mer 114

Northing 5661697.705 m
Easting -5194.994 m
Convergence -0 03 27.74 dms
Station Ellipsoid Factor 0.999832
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)
44081 661-4.91	138.602	1 123/3	0.999727	321 03 19.69	9.8	0.00
251694 661-04.102	199.268	1 85/2	0.999735	121 57 02.82	7.0	0.00
98954 661-4.89	277.323	1 68/2	0.999730	316 37 14.34	5.8	0.00
113431 661-4.92	294.711	1 64/2	0.999733	295 16 34.52	5.4	0.00
195727 661-04.101	334.939	1 57/2	0.999734	150 14 52.22	4.4	0.00
271023 661-4.97	372.046	1 48/2	0.999734	252 52 58.76	4.1	0.00

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

Component Magnitude Std Dev

Meridian Defl, XI(+N) 2.4 s 2 s
Prime Vert Defl, ETA(+E) 5.9 s 2 s
Geoid_Ellip Separation -16.26 m 1 m

MARKER TYPE

Updated: 1994-01-18

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

COORDINATE HISTORY

Originating Project 71101 71101
Published 71-03-01 71-03-01

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

MARKER LOCATION

Updated: 1992-01-23

IN FRONT OF HOUSE NO.60 - HARTFORD RD NW; 13.3M S OF N P/L HEDGE OF HOUSE
NO.60 PROD W; 3.3M S OF N P/L RETAINING WALL OF LANE PROD E; 0.50M E OF B.O.W..

NON COORDINATE REVISIONS

1972-01-25 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, CAP EFFACED.	2015-07-10	2015-07-31
MARKER REPORTED IN GOOD CONDITION	1993-07-21	1994-01-18
MARKER REPORTED IN GOOD CONDITION.	1991-07-10	1992-01-23
MARKER REPORTED IN GOOD CONDITION.	1988-11-01	1989-05-02

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56614 4 94

VERT

99-10-21

0.035 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 661-04.94 56614 4 94