

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 06 32.10913 dms  
Longitude 114 04 29.37561 dms  
Horz Class INTEGRATED , ORDER 3

Marker Installed 76-03

ASCM 68833

Tablet Markings 661-4.221

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

Mapsheet Name CALGARY G  
Mapsheet Number 5661 - 004

Vert Datum CVD28 Updated: 2000-06-15  
Elevation 1123.621 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-08-10

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5663639.152 m  
Easting -5239.819 m  
Convergence -0 03 29.67 dms  
Station Ellipsoid Factor 0.999827  
Station Combined Factor 0.999727

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
197962 661-4.220	113.862	1 70/2	0.999720	187 01 06.85	5.7	0.00
269381 661-4.224	139.158	1 101/2	0.999725	278 47 28.06	8.7	0.00
273771 661-4.225	185.228	1 65/2	0.999729	331 08 09.99	5.5	0.00
20669 661-4.226	204.282	1 64/2	0.999728	306 36 25.68	5.5	0.00
299107 661-4.223	229.979	1 65/2	0.999726	251 13 51.02	5.3	0.00
173641 661-4.198	266.902	1 60/2	0.999729	112 44 19.71	5.0	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1994-01-19

Meridian Defl, XI(+N) 2.3 s 2 s  
Prime Vert Defl, ETA(+E) 5.9 s 2 s  
Geoid\_Ellip Separation -16.28 m 1 m

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

COORDINATE HISTORY

MARKER LOCATION

Updated: 1994-01-19

Originating Project 76039 76039  
Published 83-05-17 83-05-17

MON. IS LOCATED ON THE E/S OF THORNABY WAY NW BESIDE DWY. TO  
HOUSE #6240 THORNABY WAY. 2.8 M W OF GREY METAL UTILITY BOX;  
0.1 E OF B.O.W. ON CURVE; 2.3 M N OF THE N WALL OF HOUSE #6240 PROD.W.

Revising Project NAD83 98016  
Published 94-05-24 00-06-15  
Revising Project  
Published  
Revising Project  
Published

NON COORDINATE REVISIONS

1977-03-30 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  
MARKER REPORTED IN GOOD CONDITION.

1993-08-10 1994-01-19  
1988-11-04 1989-05-03

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56614 4 221

00-06-15

0.022 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 661-04.221 56614 4 221