

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 06 29.35303 dms  
Longitude 114 03 55.37076 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 73-03

ASCM 34280

Tablet Markings 661-4.188

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

Mapsheet Name CALGARY G  
Mapsheet Number 5661 - 004

Vert Datum CVD28 Updated: 1999-10-21  
Elevation 1075.600 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-08-16

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5663553.359 m  
Easting -4578.442 m  
Convergence -0 03 03.20 dms  
Station Ellipsoid Factor 0.999834  
Station Combined Factor 0.999734

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)
320523 661-4.236	294.482	1	41/2	0.999737	344 43 50.08	3.5	0.00
6882 661-4.185	405.805	1	32/2	0.999735	106 11 45.65	2.7	0.00
150821 661-4.190	414.458	1	36/2	0.999736	80 25 53.29	2.8	0.00
173641 661-4.198	415.759	1	29/1	0.999732	267 36 30.07	2.4	0.00
238386 661-4.191	459.357	1	28/1	0.999736	55 32 04.65	2.2	0.00
127514 661-4.184	492.934	1	26/1	0.999735	129 47 27.75	2.2	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1975-01-30

Meridian Defl,XI(+N) 2.3 s 2 s  
Prime Vert Defl,ETA(+E) 5.8 s 2 s  
Geoid\_Ellip Separation -16.29 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

COORDINATE HISTORY

MARKER LOCATION

Updated: 1994-01-25

Originating Project 74114 74114  
Published 74-08-01 74-08-01

ON NW COR. OF TACHE AVE. AND THORNCLIFFE DR. NW; 3.3 M N OF N  
B.O.W. PROD. E; 2.3 M W OF W B.O.W. PROD. S; 0.5 M NW OF B.O.W.  
ON CURVE.

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

NON COORDINATE REVISIONS

1975-01-30 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.

1993-08-16 1994-01-25  
1988-11-02 1989-05-03

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56614 4 188

99-10-21

0.023 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 661-04.188 56614 4 188