

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 50 56 40.05338 dms  
Longitude 114 02 06.89947 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 70-03  
Date Printed 2025-08-03  
Last Updated 2018-02-09

ASCM 41129  
Tablet Markings 643-0.44  
Mapsheet Name CALGARY F  
Mapsheet Number 5643 - 000

Vert Datum CVD28 Updated: 1999-08-16  
Elevation 1038.089 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 17-03-06

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2006-06-28

Scale Factor 0.999900 At Ref Mer 114

Northing 5645342.943 m  
Easting -2477.163 m  
Convergence -0 01 38.54 dms  
Station Ellipsoid Factor 0.999840  
Station Combined Factor 0.999740

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	PPM/ Grid/ Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
133157 643-0.45	186.748	1	48/2 0.999745	179 16 19.36	3.4	0.00
223818 643-0.43	236.991	1	59/2 0.999741	274 10 14.13	3.5	0.00
297515 643-0.46	240.771	1	66/2 0.999742	220 20 47.20	5.3	0.00
154575 643-0.47	334.301	1	54/2 0.999740	237 11 01.65	4.0	0.00
189027 643-0.138	339.578	1	35/2 0.999741	128 11 01.63	2.7	0.00
90266 643-0.37	380.697	1	32/2 0.999739	347 24 23.75	2.5	0.00

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

Component	Magnitude	Std Dev
Meridian Defl, XI(+N)	3.8 s	2 s
Prime Vert Defl, ETA(+E)	5.4 s	2 s
Geoid_Ellip Separation	-16.09 m	1 m

MARKER TYPE

Updated: 1971-05-25

ASC CAP SET IN CONCRETE SIDEWALK

LANDSCAPED.

COORDINATE HISTORY

HORZ

VERT

Originating Project	70103	70103
Published	71-05-25	71-05-25
Revising Project	NAD83	98014
Published	94-05-24	99-08-16
Revising Project		
Published		
Revising Project		
Published		

MARKER LOCATION

Updated: 2018-02-09

E. OF LAKE WAPTA RISE & ON PROD. LINE OF 120 AVE.  
(ON PATHWAY BETWEEN LOTS 21 & 22, BLK. 2, PL. 5942 J.K.);  
29.413 M E OF FACE OF CURB; E/S OF LAKE WAPTA;  
4.577 M S. OF FACE OF CURB, N/S OF 120 AVE.,  
TAN. PROD. E.  
NOTE: ELEVATION SHOWN IS AS RE-ADJUSTED IN OCTOBER, 1975.

NON COORDINATE REVISIONS

1971-05-25	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  
MARKER REPORTED IN GOOD CONDITION

2017-03-06	2018-02-09
1989-03-21	1990-05-01

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56434 0 44

VERT

99-08-16

-0.007 m ELEVATION REVISED AND REINTEGRATED

HISTORY 643+00.44 56434 0 44