

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 07 39.99314 dms
Longitude 114 05 05.30644 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 78-03
Date Printed 2025-08-03
Last Updated 2020-01-09

ASCM 50864
Tablet Markings 664-4.138
Mapsheet Name CALGARY H
Mapsheet Number 5664 - 004

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1119.853 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 94-03-14

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5665737.514 m
Easting -5936.318 m
Convergence -0 03 57.70 dms
Station Ellipsoid Factor 0.999827
Station Combined Factor 0.999728

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev (s)	PPM/ Order	Grid/ Factor	Grnd	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
222885 664-4.132	231.261	1	61/2	0.999729	346 14	47.81	4.9	0.00
277061 664-4.121	233.190	1	60/2	0.999728	105 23	39.72	5.1	0.00
151282 664-4.117	258.273	1	43/2	0.999732	27 41	21.06	3.3	0.00
262261 664-4.143	261.898	1	50/2	0.999724	164 23	28.23	4.2	0.00
76257 664-4.135	266.289	1	53/2	0.999729	276 31	49.53	4.2	0.00
89409 664-4.130	267.430	1	49/2	0.999731	12 15	37.62	4.2	0.00

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

Component Magnitude Std Dev
Meridian Defl,XI(+N) 2.3 s 2 s
Prime Vert Defl,ETA(+E) 6.1 s 2 s
Geoid_Ellip Separation -16.28 m 1 m

MARKER TYPE

Updated: 1995-02-10

ASC CAP ON 6 CM DIA STEEL PIPE 2.0 M LONG
16 CM BGL, LANDSCAPED

COORDINATE HISTORY

	HORZ	VERT
Originating Project	78113	78113
Published	83-08-18	83-08-18
Revising Project	NAD83	98016
Published	94-05-24	00-06-15
Revising Project		
Published		
Revising Project		
Published		

MARKER LOCATION

Updated: 1995-02-10

IN RESERVE AREA AT THE REAR OF HOUSE NO. 171-BERWICK WAY NORTH WEST; 36.5 N
NORTH EAST OF THE NORTH EAST PROPERTY LINE FENCE LINE OF LANE PRODUCED SOUTH
EAST; 5.7 M NORTH EAST OF THE SOUTH WEST PROPERTY LINE FENCE LINE OF HOUSE NO.
171 PRODUCED SOUTH EAST; 0.85 M SOUTH EAST OF THE SOUTH EAST PROPERTY LINE
FENCE LINE OF HOUSE NO. 171.

NON COORDINATE REVISIONS

1976-08-10 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

1994-03-14 1995-02-10

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56644 4 138

VERT

00-06-15

0.029 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 664-04.138 56644 4 138