

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 07 35.02506 dms  
Longitude 114 04 53.64831 dms  
Horz Class INTEGRATED , ORDER 2

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

ASCM 10173  
Tablet Markings 664-4.141  
Mapsheet Name CALGARY H  
Mapsheet Number 5664 - 004

Vert Datum CVD28 Updated: 2000-06-15  
Elevation 1127.665 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 94-03-15

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5665583.745 m  
Easting -5709.810 m  
Convergence -0 03 48.61 dms  
Station Ellipsoid Factor 0.999826  
Station Combined Factor 0.999726

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)
283598 664-4.120	175.610	1	74/2	0.999727	90 25 56.73	5.0	0.00
262261 664-4.143	184.543	1	54/2	0.999724	237 46 01.36	4.6	0.00
216291 664-4.142	213.342	1	70/2	0.999727	116 57 48.78	5.7	0.00
226720 664-4.116	258.527	1	43/2	0.999728	23 28 39.77	3.7	0.00
135335 664-4.122	272.367	1	40/2	0.999728	286 49 23.72	3.5	0.00
50864 664-4.138	273.846	1	51/2	0.999726	304 10 16.76	4.3	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) 6.0 s 2 s  
Geoid\_Ellip Separation -16.28 m 1 m

MARKER TYPE

Updated: 1991-12-10

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

COORDINATE HISTORY

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

MARKER LOCATION

Updated: 1995-02-10

IN BOULIVARD ON THE SOUTH SIDE OF BERKLEY DRIVE AT BERKLEY ROAD NORTH WEST;  
ALSO IN FRONT OF HOUSE NO.987-BERKLEY DRIVE; 4.8 M EAST OF BACK OF WALK WEST  
SIDE OF BERKLEY ROAD PRODUCED SOUTH; 3.9 M EAST OF THE WEST PROPERTY LINE FENCE  
LINE OF HOUSE NO. 987 PRODUCED NORTH; 0.4 M SOUTH OF FACE OF CURVE; 16.0 M EAST  
OF LIGHT STANDARD.

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 Condition	Inspected	Updated
MARKER REPORTED IN GOOD CONDITION	1994-03-15	1995-02-10
MARKER REPORTED IN GOOD CONDITION	1991-11-08	1991-12-10

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56644 4 141

VERT

00-06-15

0.033 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 664-04.141 56644 4 141