

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 06 58.12508 dms
Longitude 114 12 38.87391 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 82-06

Date Printed 2025-08-03
Last Updated 2003-03-12

ASCM 34157

Tablet Markings 664-12.142

Mapsheet Name CALGARY G
Mapsheet Number 5664 - 012

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1172.924 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 87-03-19

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2000-06-22

Scale Factor 0.999900 At Ref Mer 114

Northing 5664461.511 m
Easting -14759.094 m
Convergence -0 09 50.72 dms
Station Ellipsoid Factor 0.999819
Station Combined Factor 0.999721

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
327429 664-12.164	114.956	1 70/2	0.999724	270 14 52.01	4.1	0.00
196790 664-12.137	175.679	1 46/2	0.999721	0 06 09.94	3.1	-0.01
226118 664-12.143	195.023	1 41/2	0.999723	177 04 49.09	3.1	0.01
266643 664-12.141	201.677	1 45/2	0.999723	109 53 23.38	3.6	0.00
131995 664-12.138	224.086	1 45/2	0.999721	32 12 26.28	3.8	-0.01
409979 664-12.165	237.845	1 38/2	0.999722	230 42 31.24	3.3	0.01

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)	6.9 s	2 s
Geoid_Ellip Separation	-15.98 m	1 m

MARKER TYPE

Updated: 1982-12-06

ASC BRASS TABLET ON 7 X 305CM STEEL PIPE.

COORDINATE HISTORY

HORZ

VERT

Originating Project	82009	82009
Published	82-12-15	82-12-15
Revising Project	NAD83	98016
Published	94-05-24	00-06-15
Revising Project		88066
Published		89-11-10
Revising Project		
Published		

MARKER LOCATION

Updated: 1982-12-06

LOCATED ON THE NORTH EAST CORNER OF INTERSECTION OF SCENIC ACRES DRIVE
AND SCENIC ROAD NORTH WEST; 10.0 CM EAST OF BACK OF SEPERATE WALK;
4.4 M NORTH OF BACK OF ROLLED CURB PRODUCED WEST; 1.8 M NORTH EAST OF
OF BACK OF ROLLED CURB ON CURVE.

NON COORDINATE REVISIONS

1982-12-06	FIRST MARKER LOCATION DESCRIPTION ENTERED
2003-03-12	"MAPSHEET NAME" AND/OR "MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS

Inspected Updated

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56644 12 142

VERT

00-06-15	0.024 m	REVISED ELEVATION-BETTER INTEGRATION
89-11-10	0.009 m	REV. ELEV. FROM INTEGRATION INTO GSC DBM CIRC

HISTORY 56644 12 142