

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 07 09.69306 dms
Longitude 114 12 38.67461 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 82-06

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

ASCM 42192

Tablet Markings 664-12.136

Mapsheet Name CALGARY G
Mapsheet Number 5664 - 012

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1174.250 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 92-01-31

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2000-06-22

Scale Factor 0.999900 At Ref Mer 114

Northing 5664818.949 m
Easting -14754.194 m
Convergence -0 09 50.60 dms
Station Ellipsoid Factor 0.999819
Station Combined Factor 0.999721

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev	PPM/ Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
295121 664-12.135	125.364	1	48/1	0.999722	82 02 03.75	3.1	0.00
384966 664-12.169	165.454	1	24/1	0.999720	0 19 14.74	1.9	-0.01
196790 664-12.137	181.916	1	38/1	0.999725	181 26 40.67	2.6	0.01
131995 664-12.138	203.271	1	44/2	0.999722	145 42 19.34	3.6	0.01
367466 367466	290.307	1	21/1	0.999724	274 14 53.42	1.8	0.00
22541 664-12.139	298.098	1	40/2	0.999722	128 26 28.29	2.9	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	-15.99 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: 1988-11-24

LOCATED ON THE SOUTH EAST CORNER OF INTERSECTION OF SCENIC ACRES BOULEVARD AND SCENIC ACRES DRIVE NORTH WEST; AT INTERSECTION OF BACK OF SEPERATE WALK; 25.0 CM EAST OF BACK OF SEPERATE WALK; 17.0 CM SOUTH OF BACK OF SEPERATE WALK.

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

MARKER REPORTED IN GOOD CONDITION	1992-01-31	1992-03-04
MARKER REPORTED IN GOOD CONDITION.	1988-11-15	1988-11-24
MARKER REPORTED IN GOOD CONDITION.	1988-09-28	1988-11-25

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56644 12 136

VERT

00-06-15	0.024 m	REVISED ELEVATION-BETTER INTEGRATION
89-11-10	0.005 m	REV. ELEV FROM INTEGRATION INTO GSC DBM CIRC.

HISTORY 56644 12 136