

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 06 39.68622 dms
Longitude 114 12 51.69346 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 87-08

ASCM 61010

Tablet Markings 661-12.276

Date Printed 2025-08-03
Last Updated 2011-01-21

Mapsheet Name CALGARY G
Mapsheet Number 5661 - 012

Vert Datum CVD28 Updated: 2011-01-21
Elevation 1147.822 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-10-25

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2011-01-21

Scale Factor 0.999900 At Ref Mer 114

Northing 5663892.475 m
Easting -15010.076 m
Convergence -0 10 00.66 dms
Station Ellipsoid Factor 0.999823
Station Combined Factor 0.999725

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)
372086 661-12.277	131.117	1	61/2	0.999729	275 16 04.50	3.8	0.00
369355 661-12.275	149.920	1	53/2	0.999723	43 14 34.65	3.5	0.00
353086 661-12.274	201.143	1	40/1	0.999726	359 28 39.79	3.4	-0.01
224451 661-12.279	283.564	1	53/2	0.999726	145 27 14.15	4.3	0.01
328070 328070	323.743	1	37/2	0.999726	271 09 42.88	2.9	0.00
451559 661-12.272	328.132	1	30/1	0.999724	10 04 19.98	2.4	-0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1994-05-20

Meridian Defl,XI(+N) 2.4 s 2 s
Prime Vert Defl,ETA(+E) 7.0 s 2 s
Geoid_Ellip Separation -15.97 m 1 m

ASC CAP ON 5 CM SQ HEAVY WALL STEEL PIPE 2.4 M LONG WITH HELIX BASE
5 CM BGL.

COORDINATE HISTORY HORZ VERT

MARKER LOCATION

Updated: 1988-11-24

Originating Project 87061 87061
Published 89-05-24 89-05-24

Revising Project NAD83 29003
Published 94-05-24 11-01-21
Revising Project 98016
Published 00-06-15
Revising Project 88066
Published 89-11-10

LOCATED ON THE SOUTH WEST CORNER OF SCENIC ACRES DRIVE AND SCIMITAR POINT NORTH WEST; 7.3 M SOUTH EAST OF BACK OF WALK PRODUCED NORTH EAST; 2.7 M SOUTH WEST OF BACK OF WALK PRODUCED NORTH WEST; 1.95 M SOUTH OF BACK OF WALK ON CURVE; 4.7 M EAST OF THE EAST CORNER OF ORNAMENTAL WALL.

NON COORDINATE REVISIONS

1988-06-13 FIRST MARKER LOCATION
DESCRIPTION ENTERED
2003-03-12 "MAPSHEET NAME" AND/OR
"MAPSHEET NO" CHANGED
1988-06-13 INSTALLATION DATE ENTERED

MARKER CONDITION COMMENTS

Inspected Updated

MARKER REPORTED IN GOOD CONDITION	1993-10-25	1994-05-20
MARKER REPORTED IN GOOD CONDITION.	1988-11-15	1988-11-24
MARKER REPORTED IN GOOD CONDITION.	1988-09-29	1988-11-25

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

11-01-21	0.005 m	REV ELEVATION-INTEGRATION INTO CCS DBM NET
00-06-15	0.025 m	REVISED ELEVATION-BETTER INTEGRATION
89-11-10	0.012 m	REV. ELEV FROM INTEGRATION INTO GSC DBM CIRC.