

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 02 24.61326 dms
Longitude 114 00 44.91882 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 66-03

ASCM 52068

Tablet Markings A37

Date Printed 2025-08-03
Last Updated 2017-03-20

Mapsheet Name CALGARY G
Mapsheet Number 5655 - 000

Vert Datum CVD28 Updated: 1999-08-16
Elevation 1034.515 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 04-01-14

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated:

Scale Factor 0.999900 At Ref Mer 114

Northing 5655989.038 m
Easting -875.044 m
Convergence -0 00 34.93 dms
Station Ellipsoid Factor 0.999840
Station Combined Factor 0.999741

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)
213462 A39	245.337	1	98/3	0.999740	88 57 18.17	8.2	0.00
194407 A35	305.194	1	66/2	0.999740	334 14 41.56	3.7	0.00
91272 A36	446.682	1	47/2	0.999742	10 41 35.77	3.0	0.00
292300 655-0.270	462.742	1	43/2	0.999741	34 05 04.11	3.1	0.00
73957 F2	463.070	1	56/2	0.999739	257 40 53.03	4.4	0.00
79277 A31	484.173	1	45/2	0.999741	298 05 56.96	3.7	0.00

GEOID DATA (GSD95) Updated: 17-03-20

Component Magnitude Std Dev

Meridian Defl, XI(+N) 2.8 s 2 s
Prime Vert Defl, ETA(+E) 4.8 s 2 s
Geoid_Ellip Separation -16.30 m 1 m

MARKER TYPE

Updated: 2004-02-26

ASC BRASS TABLET ON TOP OF 2" X 10' STEEL PIPE.
35.0 CM BGL. 20.0 CM SOUTH WEST OF GP.

COORDINATE HISTORY

Project	Horz	Vert
Originating Project	69105	69105
Published	70-04-01	70-04-01
Revising Project	NAD83	98014
Published	94-05-24	99-08-16
Revising Project		
Published		
Revising Project		
Published		

MARKER LOCATION

Updated: 1996-03-05

IN SOUTH EAST PART OF PEARCE ESTATE PARK; IN SURVEY MANHOLE; 7.2 M SOUTH OF SOUTH SIDE OF ASPHALT OF SMALL BRIDGE; 17.85 M EAST OF FIRE HYDRANT; 48.95 M NORTH OF NORTH FENCE LINE OF RUSSELL STREET; 48.8 M NORTH OF CHAIN LINK FENCE CORNER; 4.3 M WEST OF TREE.

NON COORDINATE REVISIONS

Date	Description
1970-04-01	FIRST MARKER LOCATION DESCRIPTION ENTERED
2017-03-20	"MAPSHEET NAME" AND/OR "MAPSHEET NO" CHANGED
2003-03-12	"MAPSHEET NAME" AND/OR "MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS

Inspected Updated

Marker Condition	Inspected	Updated
MARKER REPORTED IN GOOD CONDITION	2004-01-14	2004-02-26
MARKER REPORTED IN GOOD CONDITION	1996-02-13	1996-03-05
MARKER REPORTED IN GOOD CONDITION	1988-05-02	1988-06-24

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56554 0 37

VERT

99-08-16

0.023 m ELEVATION REVISED AND REINTEGRATED

HISTORY 56554 0 37