

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 04 36.93842 dms
Longitude 114 06 46.26870 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 71-03

ASCM 24976

Tablet Markings 658-4.121

Date Printed 2025-08-03
Last Updated 2013-06-03

Mapsheet Name CALGARY G
Mapsheet Number 5658 - 004

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1100.436 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 13-04-12

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2006-06-28

Scale Factor 0.999900 At Ref Mer 114

Northing 5660083.807 m
Easting -7908.079 m
Convergence -0 05 16.07 dms
Station Ellipsoid Factor 0.999830
Station Combined Factor 0.999731

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	PPM/ Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
229617 658-4.120	121.347	1	66/2 0.999736	352 20 02.78	5.1	0.00
145045 658-4.102	287.950	1	35/2 0.999728	183 16 54.63	2.9	0.01
176032 658-4.118	323.132	1	37/2 0.999733	66 43 30.50	3.2	0.00
115204 658-8.236	363.992	1	30/1 0.999731	271 08 23.53	2.7	0.00
219113 658-8.226	397.951	1	30/2 0.999730	295 35 08.56	2.5	0.00
2766 658-4.126	406.363	1	30/1 0.999730	10 27 10.18	2.5	-0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1971-12-20

Meridian Defl,XI(+N) 2.5 s 2 s
Prime Vert Defl,ETA(+E) 6.3 s 2 s
Geoid_Ellip Separation -16.16 m 1 m

ASC CAP SET IN CONCRETE SIDEWALK

LANDSCAPED.

COORDINATE HISTORY

HORZ VERT

Originating Project 71103 71103
Published 84-01-07 84-01-07

Revising Project NAD83 98016
Published 94-05-24 00-06-15
Revising Project
Published
Revising Project
Published

MARKER LOCATION

Updated: 1993-07-06

ON THE NE CORNER OF 27 AVENUE AND 22 STREET N.W.; 1.10 M NORTH OF F.O.C.
PRODUCED WEST; 1.2 M EAST OF F.O.C. PRODUCED SOUTH; 0.25 M NE OF F.O.C. ON
CURVE; 1.65 M WEST OF CB.

NON COORDINATE REVISIONS

1971-12-20 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	2013-04-12	2013-06-03
MARKER REPORTED IN GOOD CONDITION	2012-07-05	2012-09-28
MARKER REPORTED IN GOOD CONDITION	1993-03-03	1993-07-06

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56584 4 121

00-06-15

0.014 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 658-04.121 56584 4 121