

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 03 16.18400 dms
Longitude 114 10 15.26093 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 82-11
Date Printed 2025-08-03
Last Updated 2006-06-28

ASCM 35048
Tablet Markings 655-8.274
Mapsheet Name CALGARY G
Mapsheet Number 5655 - 008

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1195.712 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 92-09-20

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2006-06-28

Scale Factor 0.999900 At Ref Mer 114

Northing 5657596.371 m
Easting -11981.930 m
Convergence -0 07 58.52 dms
Station Ellipsoid Factor 0.999815
Station Combined Factor 0.999717

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
245159 655-8.275	120.843	1 115/2	0.999721	21 21 17.62	5.5	0.00
20222 655-12.99	231.215	1 73/2	0.999716	234 39 23.00	5.8	0.00
131318 655-8.256	269.314	1 55/2	0.999721	88 57 17.46	4.6	0.00
284166 655-12.105	283.934	1 67/2	0.999717	253 45 38.14	4.2	0.00
172684 655-12.106	365.731	1 46/2	0.999717	321 59 28.39	3.8	-0.01
16550 655-12.104	403.496	1 45/2	0.999715	250 33 53.91	3.4	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1993-01-26

Meridian Defl,XI(+N) 2.9 s 2 s
Prime Vert Defl,ETA(+E) 7.1 s 2 s
Geoid_Ellip Separation -15.99 m 1 m

ASC CAP ON 6 CM DIA HEAVY WALL STEEL DRIVEN PIPE 2.0 M LONG
2 CM BGL

COORDINATE HISTORY

MARKER LOCATION

Updated: 1993-01-26

Originating Project 82045 82045
Published 83-07-18 83-07-18

ON S/S OF COACH GATE WAY JUST W OF COACH MANOR RISE NW; 8CM SE OF B.
O.W. ON CURVE; 20CM SE OF B.O.W. PROD. NE; 65CM NE OF NE P/L OF
HOUSE #67, LOT 6; 14.7 M NE OF CB.

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

NON COORDINATE REVISIONS

1983-06-28 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

1992-09-20 1993-01-26

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56554 8 274

00-06-15

0.014 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 56554 8 274