

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 07 03.83350 dms
Longitude 114 10 16.72711 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 78-03
Date Printed 2025-08-03
Last Updated 2020-01-09

ASCM 59535
Tablet Markings 664-8.48
Mapsheet Name CALGARY G
Mapsheet Number 5664 - 008

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1167.076 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 94-01-26

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5664630.724 m
Easting -11994.118 m
Convergence -0 08 00.08 dms
Station Ellipsoid Factor 0.999820
Station Combined Factor 0.999721

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
107235 664-8.71	128.542	1	70/2 0.999725	336 41 46.34	6.2	0.00
273615 664-12.131	198.501	1	55/2 0.999722	267 55 46.90	4.5	0.00
28712 664-8.39	242.217	1	41/2 0.999720	130 53 20.93	3.6	0.00
85316 664-8.72	249.933	1	44/2 0.999722	353 45 58.01	3.4	-0.01
64170 664-12.132	250.035	1	40/2 0.999720	315 15 37.08	3.3	-0.01
254045 664-12.50	281.855	1	25/1 0.999722	217 40 11.04	1.8	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)	6.8 s	2 s
Geoid_Ellip Separation	-16.08 m	1 m

MARKER TYPE Updated: 1994-03-23
ASC BRASS CAP ON 11 FOOT PIPE DRIVEN FLUSH WITH THE GROUND
23 CM BGL., LANDSCAPED

COORDINATE HISTORY

	HORZ	VERT
Originating Project		78004
Published		83-08-24
Revising Project	NAD83	98016
Published	94-05-24	00-06-15
Revising Project	79014	
Published	83-08-18	
Revising Project		
Published		

MARKER LOCATION Updated: 1994-03-23
ON TOP OF BERM ON THE NW/S OF SARCEE TR. BEHIND HOUSE # 96
RANCH ESTATES DR. N.W.; 19.50 M NW OF B.O.R.C. ON SARCEE TR.;
1.75 M SE OF BDY. FENCE BEHIND HOUSE #96; 4.40 M NE OF THE SW
P/L FENCE OF HOUSE #96 PROD. S; 17.10 M N OF THE 4TH LT.S. SW
OF JOHN LAURIE BLVD.. (IT'S ON NW/S OF SARCEE TR.)

NON COORDINATE REVISIONS

1978-10-04 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	1994-01-26	1994-03-23
MARKER REPORTED IN GOOD CONDITION	1991-09-24	1991-10-28

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56644 8 48

VERT
00-06-15

0.033 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 664-08.48 56644 8 48