

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 08 06.33527 dms
Longitude 114 05 42.95542 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 83-12
Date Printed 2025-08-03
Last Updated 2020-01-09

ASCM 23259
Tablet Markings 664-4.207
Mapsheet Name CALGARY H
Mapsheet Number 5664 - 004

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1118.413 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 94-01-12

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5666552.379 m
Easting -6667.303 m
Convergence -0 04 27.03 dms
Station Ellipsoid Factor 0.999827
Station Combined Factor 0.999728

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)
556829 556829	297.716	1	50/2	0.999729	266 57 43.31	4.2	0.00
173013 664-4.32	303.125	1	40/2	0.999724	173 26 57.27	3.0	0.01
922054 922054	376.556	1	40/2	0.999731	306 49 51.91	3.3	0.00
93831 664-4.211	418.728	1	31/2	0.999725	141 19 27.44	2.7	0.01
24919 664-4.157	533.108	1	34/2	0.999726	176 13 41.43	2.8	0.01
8490 664-4.156	542.455	1	31/2	0.999726	191 30 19.61	2.6	0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1994-03-07

Meridian Defl,XI(+N) 2.2 s 2 s
Prime Vert Defl,ETA(+E) 6.2 s 2 s
Geoid_Ellip Separation -16.27 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: 1992-04-30

Originating Project 83053 83053
Published 84-11-09 84-11-09

ON SE COR OF SANDSTONE WAY NW & SANDSTONE WAY NW; 5M E OF B.O.R.C.,
PROD N; 90CM S OF B.O.R.C., PROD W; 6CM SE OF B.O.R.C. ON CURVE; 4M
W OF FIRE HYDRANT; 2.75M NE OF MIDDLE OF DOUBLE CATCH BASIN.

Revising Project NAD83 98016
Published 94-05-24 00-06-15
Revising Project 91054
Published 92-12-16
Revising Project
Published

NON COORDINATE REVISIONS

1984-11-07 FIRST MARKER LOCATION
DESCRIPTION ENTERED
2003-03-12 "MAPSHEET NAME" AND/OR
"MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS

Inspected Updated

MARKER CONDITION COMMENTS	Inspected	Updated
MARKER REPORTED IN GOOD CONDITION	1994-01-12	1994-03-07
MARKER REPORTED IN GOOD CONDITION	1991-10-10	1992-04-30
MARKER REPORTED IN GOOD CONDITION	1991-06-20	1991-08-02
MARKER REPORTED IN GOOD CONDITION	1988-03-29	1988-05-30

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56644 4 207

VERT

00-06-15	0.005 m	REVISED ELEVATION-BETTER INTEGRATION
92-12-16	0.022 m	REVISED ELEVATION-MOVEMENT SUSPECTED

HISTORY 56644 4 207