

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 07 17.95366 dms  
Longitude 114 09 51.12899 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 81-08

ASCM 50658

Tablet Markings 664-8.90

Date Printed 2025-08-03  
Last Updated 2020-01-09

Mapsheet Name CALGARY G  
Mapsheet Number 5664 - 008

Vert Datum CVD28 Updated: 2000-06-15  
Elevation 1198.558 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-11-24

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5665065.900 m  
Easting -11495.312 m  
Convergence -0 07 40.18 dms  
Station Ellipsoid Factor 0.999815  
Station Combined Factor 0.999716

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev (m) (cm)	PPM/ Grid/ Grnd Order Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
154559 664-8.89	184.568	1	43/2 0.999714	18 16 58.24	2.6	-0.01
61739 664-8.111	199.617	1	60/2 0.999714	178 52 12.52	3.7	0.01
259986 664-8.88	233.825	1	47/2 0.999713	46 16 03.25	3.9	0.00
95414 664-8.73	394.578	1	25/1 0.999718	254 13 02.81	2.0	0.00
90803 664-8.109	403.139	1	30/1 0.999715	328 36 18.92	2.4	-0.01
37192 664-8.78	431.342	1	21/1 0.999714	2 47 45.17	1.5	-0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1991-12-24

Meridian Defl,XI(+N) 2.2 s 2 s  
Prime Vert Defl,ETA(+E) 6.7 s 2 s  
Geoid\_Ellip Separation -16.10 m 1 m

ASC CAP ON 6 CM DIA HEAVY WALL STEEL DRIVEN PIPE 2.0 M LONG  
FLUSH W/GRND

COORDINATE HISTORY

MARKER LOCATION

Updated: 1994-02-02

Originating Project 81041 81041  
Published 83-05-12 83-05-12  
  
Revising Project NAD83 98016  
Published 94-05-24 00-06-15  
Revising Project  
Published  
Revising Project  
Published

LOCATED ON TOP OF BERM ON WEST SIDE OF EDGEHILL DRIVE NORTH WEST; IN  
LINE WITH NORTH PROPERTY LINE HOUSE #135 PRODUCED WEST; 7.92 M WEST  
OF BACK OF CURB WEST; 1.8 M N OF THE N WALL OF HOUSE PROD. W;  
6.7 M SW OF POW.P. .

NON COORDINATE REVISIONS

1983-05-09 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  
MARKER REPORTED IN GOOD CONDITION

1993-11-24 1994-02-02  
1991-06-20 1991-12-24

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56644 8 90

00-06-15 0.036 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 56644 8 90