

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 08 25.17499 dms  
Longitude 114 05 51.41462 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 88-03  
Date Printed 2025-08-04  
Last Updated 2013-01-17

ASCM 365387  
Tablet Markings 365387  
Mapsheet Name CALGARY H  
Mapsheet Number 5667 - 004

Vert Datum CVD28 Updated: 2000-06-15  
Elevation 1110.458 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 94-01-13

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2013-01-17

Scale Factor 0.999900 At Ref Mer 114

Northing 5667134.741 m  
Easting -6830.984 m  
Convergence -0 04 33.64 dms  
Station Ellipsoid Factor 0.999829  
Station Combined Factor 0.999729

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)
556878 556878	167.524	1	48/2	0.999729	239 46 10.53	3.7	0.00
319939 319939	212.543	1	33/1	0.999729	99 03 25.41	2.7	0.00
553586 553586	312.536	1	35/2	0.999730	229 27 48.91	2.9	0.00
922054 922054	382.431	1	34/2	0.999728	201 05 59.81	2.9	0.01
677575 677575	456.641	1	24/1	0.999730	263 32 33.84	2.1	0.00
23259 664-4.207	605.091	1	21/1	0.999729	164 18 04.46	1.8	0.01

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

Component Magnitude Std Dev

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

MARKER TYPE

Updated: 1994-03-07

ASC CAP ON 5 CM SQ HEAVY WALL STEEL PIPE 2.4 M LONG WITH HELIX BASE  
6 CM BGL

COORDINATE HISTORY

	HORZ	VERT
Originating Project Published	88030 89-02-06	88030 89-02-06
Revising Project Published	NAD83 94-05-24	98016 00-06-15
Revising Project Published		91054 92-12-16
Revising Project Published		

MARKER LOCATION

Updated: 1992-04-30

IN DRIVE WAY PAD IN FRONT OF HOUSE NO. 302 SAND STONE DRIVE, N.W.;  
0.25 M. NORTH OF B.O.W. ON CURVE;  
9.9M. WEST OF E.P/L. OF HOUSE NO. 302, PROD. SOUTH;  
13.8 M. EAST OF FIRE HYDRANT.

NON COORDINATE REVISIONS

Date	Description
1988-10-31	FIRST MARKER LOCATION DESCRIPTION ENTERED
2003-03-12	"MAPSHEET NAME" AND/OR "MAPSHEET NO" CHANGED
1988-10-31	INSTALLATION DATE AND TABLET MARKINGS ENTERED

MARKER CONDITION COMMENTS

Inspected	Updated
1994-01-13	1994-03-07
1993-11-09	1993-12-29
1993-07-24	1994-01-18
1991-10-10	1992-04-30

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

00-06-15	0.009 m	REVISED ELEVATION-BETTER INTEGRATION
92-12-16	0.020 m	REVISED ELEVATION-MOVEMENT SUSPECTED