

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

Horz Datum NAD83 Updated: 2018-10-29  
Latitude 50 54 23.55679 dms  
Longitude 114 06 27.75480 dms  
Horz Class INTEGRATED , ORDER 1

Marker Installed 01-06

ASCM 67314

Tablet Markings 67314

Vert Datum CVD28 Updated: 2005-11-01  
Elevation 1101.179 m  
Vert Class INTEGRATED , SPIRIT LEVELS

Date Printed 2025-08-03  
Last Updated 2022-09-19

Mapsheet Name CALGARY F  
Mapsheet Number 5640 - 004

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

Marker Condition GOOD 05-08-23

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2022-09-19

Scale Factor 0.999900 At Ref Mer 114

Northing 5641130.295 m  
Easting -7575.389 m  
Convergence -0 05 00.94 dms  
Station Ellipsoid Factor 0.999830  
Station Combined Factor 0.999731

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev (s)	PPM/ Order	Grid/ Factor	Grnd	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
423301 423301	1300.947	1	5/1	0.999732	101 47 19.45	0.5	0.00	
455303 455303	1644.544	1	4/1	0.999730	207 43 12.06	0.2	0.03	
739391 739391	1877.347	1	3/1	0.999732	149 38 54.58	0.2	0.03	
423764 423764	1974.281	1	3/1	0.999731	33 30 27.92	0.2	-0.03	
453878 453878	2929.367	1	2/1	0.999735	108 19 00.15	0.2	0.02	
309328 309328	3363.617	1	2/1	0.999732	162 26 56.22	0.1	0.06	

GEOID DATA (GSD95) Updated: 05-11-01

Component Magnitude Std Dev

MARKER TYPE

Updated: 2005-10-13

Meridian Defl,XI(+N) 4.5 s 2 s  
Prime Vert Defl,ETA(+E) 6.9 s 2 s  
Geoid\_Ellip Separation -15.85 m 1 m

HPN BRASS DATUM POINT SET ON A GROUND ROD WITH STABILIZER PLATE, IN MANHOLE.  
19.5CM BLG IN GRASS

COORDINATE HISTORY

MARKER LOCATION

Updated: 2005-10-13

Originating Project 21004 21004  
Published 05-11-01 05-11-01  
  
Revising Project 37002  
Published 18-10-29  
Revising Project  
Published  
Revising Project  
Published

MON. IS LOCATED IN BRIDLEGLLEN ROAD ON THE W/S OF  
STORM WATER DRY POND, 162 AVE. S.W.  
2.8M. S. OF THE S. BDY. FENCE LINE OF 162 AVE.  
1.4M. E. OF THE E. B.O.C. ON BRIDLEGLLEN ROAD  
3.3M. N.E. OF F.O.C. ON CURVE.

NON COORDINATE REVISIONS

2005-10-13 FIRST MARKER LOCATION  
DESCRIPTION ENTERED  
2005-10-13 INSTALLATION DATE ENTERED  
MARKINGS ENTERED

MARKER CONDITION COMMENTS

Inspected Updated

MARKER REPORTED IN GOOD CONDITION

2005-08-23 2005-10-28

COORDINATE HISTORY COMMENTS

HORZ 18-10-29 340 56 44 0.014 m MOVEMENT DETECTED

HISTORICAL/OTHER MARKER NAMES

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