

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 05 45.45161 dms  
Longitude 114 05 51.53013 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 69-03  
Date Printed 2025-08-03  
Last Updated 2020-01-09

ASCM 15362  
Tablet Markings 1924.1  
Mapsheet Name CALGARY G  
Mapsheet Number 5661 - 004

Vert Datum CVD28 Updated: 1999-10-21  
Elevation 1189.513 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-10-25

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5662199.319 m  
Easting -6839.777 m  
Convergence -0 04 33.56 dms  
Station Ellipsoid Factor 0.999816  
Station Combined Factor 0.999717

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)
48710 661-4.67	135.897	1	74/2	0.999721	246 34 44.47	6.0	0.00
218164 1924.2	151.980	1	53/2	0.999717	269 13 07.03	3.4	0.00
196428 661-4.72	423.947	1	44/2	0.999720	111 40 30.95	3.4	0.00
201046 661-4.106	545.489	1	37/2	0.999721	77 37 44.98	2.6	0.00
27292 661-4.70	589.137	1	32/2	0.999722	135 31 49.80	2.6	0.01
237826 661-4.71	610.451	1	29/2	0.999722	117 23 42.69	2.5	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1994-02-04

Meridian Defl,XI(+N) 2.4 s 2 s  
Prime Vert Defl,ETA(+E) 6.1 s 2 s  
Geoid\_Ellip Separation -16.21 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG  
0.60 M S OF GP.

COORDINATE HISTORY

MARKER LOCATION

Updated: 1994-02-04

Originating Project 69109 69109  
Published 70-05-22 70-05-22  
Revising Project NAD83 98015  
Published 94-05-24 99-10-21  
Revising Project  
Published  
Revising Project  
Published

ON NOSE HILL PARK NEAR THE N/S OF THE NE 1/4 SEC. 32-24-1-5;  
STA. IS ALSO ON THE S/S OF THE 48 AVE. ALIGNMENT PROD. W;  
190.0 M W OF THE MOST WEST COR. POST IN A JOG FOR THE 14 ST. W  
P/L STEEL FENCE; 5.40 M S OF THE S P/L FENCE OF A GROUP OF  
CONDOS. CALLED HORIZON VILLAGE NORTH HAVEN, WHICH IS ON THE  
E/S OF 14 ST. PROD. W; 0.60 M S OF GP. .

NON COORDINATE REVISIONS

1970-05-22 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.

1993-10-25 1994-02-04  
1988-11-18 1989-05-01

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56614 4 21

99-10-21

0.047 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY

56614 4 21