

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 58 13.54781 dms
Longitude 114 03 48.97901 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 72-03
Date Printed 2025-08-03
Last Updated 2006-06-28

ASCM 18218
Tablet Markings 646-4.206
Mapsheet Name CALGARY F
Mapsheet Number 5646 - 004

Vert Datum CVD28 Updated: 1999-08-16
Elevation 1055.769 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-10-18

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2006-06-28

Scale Factor 0.999900 At Ref Mer 114

Northing 5648233.160 m
Easting -4467.333 m
Convergence -0 02 57.88 dms
Station Ellipsoid Factor 0.999837
Station Combined Factor 0.999737

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
32946 646-4.209	207.133	1 43/2	0.999738	179 47 21.99	3.0	0.00
243949 646-4.269	219.633	1 36/1	0.999738	12 20 18.19	2.9	0.00
226621 646-4.210	223.075	1 40/2	0.999737	210 31 23.18	3.3	0.00
33811 646-4.203	239.911	1 38/2	0.999737	323 00 24.62	3.1	0.00
220061	301.229	1 50/2	0.999736	25 27 12.32	4.2	0.00
119008 646-4.208	379.022	1 29/1	0.999736	121 46 59.82	2.4	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1993-12-31

Meridian Defl,XI(+N) 3.6 s 2 s
Prime Vert Defl,ETA(+E) 5.9 s 2 s
Geoid_Ellip Separation -16.09 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
14 CM BGL, 1.35 M S OF GP

COORDINATE HISTORY

MARKER LOCATION

Updated: 1993-12-31

Originating Project 72114 72114
Published 83-03-03 83-03-03
Revising Project NAD83 98014
Published 94-05-24 99-08-16
Revising Project
Published
Revising Project
Published

AT THE NORTH END OF AN E-W AND N-S SET OF LANES WHICH ARE AT THE REAR OF HOUSE NO. 336 ADAMS CRESCENT S.E.; 1.40 M SOUTH OF THE SOUTH PROPERTY LINE STEEL FENCE OF PARK AREA; 2.60 M EAST OF THE EAST PROPERTY LINE FENCE OF HOUSE NO. 336 ADAMS CRESCENT PRODUCED NORTH; 0.90 M EAST OF POWER POLE ON AN E-W POWER LINE.

NON COORDINATE REVISIONS

1972-11-28 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

1993-10-18 1993-12-31
1988-05-26 1988-06-08

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56464 4 206

99-08-16

0.014 m ELEVATION REVISED AND REINTEGRATED

HISTORY 646-04.206 56464 4 206