

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 07 43.95713 dms
Longitude 114 05 18.37820 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 78-03
Date Printed 2025-08-03
Last Updated 2003-03-12

ASCM 22855
Tablet Markings 664-4.136
Mapsheet Name CALGARY H
Mapsheet Number 5664 - 004

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1127.128 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 94-01-10

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 1999-10-21

Scale Factor 0.999900 At Ref Mer 114

Northing 5665860.301 m
Easting -6190.336 m
Convergence -0 04 07.88 dms
Station Ellipsoid Factor 0.999826
Station Combined Factor 0.999726

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
196071 664-4.134	118.710	1 101/2	0.999722	234 16 43.08	8.7	0.00
32029 664-4.126	164.593	1 67/2	0.999722	353 33 38.58	5.2	0.00
240358 664-4.125	183.399	1 65/2	0.999724	320 35 52.31	5.3	0.00
274332 664-4.133	188.933	1 79/2	0.999727	29 42 45.22	6.8	0.00
222885 664-4.132	223.626	1 63/2	0.999728	62 55 03.29	5.4	0.00
163345 664-4.137	247.989	1 52/2	0.999730	115 17 56.70	4.3	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1994-03-07

Meridian Defl,XI(+N) 2.2 s 2 s
Prime Vert Defl,ETA(+E) 6.1 s 2 s
Geoid_Ellip Separation -16.27 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 2.0 M LONG
5 CM BGL

COORDINATE HISTORY

MARKER LOCATION

Updated: 1976-08-10

Originating Project 78113 78113
Published 83-08-18 83-08-18
Revising Project NAD83 98016
Published 94-05-24 00-06-15
Revising Project
Published
Revising Project
Published

LOCATED AT THE NORTH EAST CORNER OF INTERSECTION OF BERWICK WAY AND
OBERWICK RISE NORTH WEST; 3.2 M SOUTH OF BACK OF WALK PRODUCED WEST;
10.9 M NORTH WEST OF THE SOUTH EAST PROPERTY LINE (PICKET FENCE) OF
HOUSE #24 PRODUCED SOUTH WEST; 5.55 M SOUTH EAST OF LIGHT STANDARD.

NON COORDINATE REVISIONS

1976-08-10 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

1994-01-10 1994-03-07

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56644 4 136

00-06-15

0.026 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 664-04.136 56644 4 136