

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 57 14.55331 dms
Longitude 114 07 52.11808 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 79-03

Date Printed 2025-08-03
Last Updated 2003-03-12

ASCM 40899

Tablet Markings 646-8.223

Mapsheet Name CALGARY F
Mapsheet Number 5646 - 008

Vert Datum CVD28 Updated: 2001-02-07
Elevation 1120.787 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 90-05-03

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2001-02-07

Scale Factor 0.999900 At Ref Mer 114

Northing 5646416.552 m
Easting -9214.166 m
Convergence -0 06 06.67 dms
Station Ellipsoid Factor 0.999827
Station Combined Factor 0.999728

ASCM Tablet To Markings	Horizontal Distance	Std Dev (m)(cm)	PPM/ Order	Grid/ Factor	Grnd	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
146167 646-8.143	113.120	1	71/2	0.999726	86 05	33.99	5.0	0.00
4259 646-8.233	127.516	1	63/2	0.999732	239 55	53.03	5.4	0.00
163550 646-8.227	172.424	1	46/2	0.999732	286 08	47.12	3.9	0.00
48686 646-8.231	188.124	1	48/2	0.999727	147 40	24.13	3.7	0.00
90118 646-8.229	209.348	1	33/1	0.999729	332 59	27.21	2.7	0.00
270256 646-8.228	219.158	1	41/2	0.999726	31 34	06.76	3.3	0.00

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

Component Magnitude Std Dev

Meridian Defl,XI(+N) 4.0 s 2 s
Prime Vert Defl,ETA(+E) 7.0 s 2 s
Geoid_Ellip Separation -15.91 m 1 m

MARKER TYPE

Updated: 1979-08-27

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

COORDINATE HISTORY

HORZ

VERT

Originating Project 79010 79010
Published 83-08-19 83-08-19

Revising Project NAD83 98017
Published 94-05-24 01-02-07
Revising Project
Published
Revising Project
Published

MARKER LOCATION

Updated: 1979-08-27

OAKFIELD DRIVE AND CEDAR WOOD RISE S.W. ON S.W. CORNER AT
INTERSECTION OF BACK OF WALK S.
- 0.90M W. OF BACK OF WALK W. SIDE CEDAR WOOD RISE (PRODUCED N.)
- 5.14 M S. OF FACE OF CURB N.SIDE OAKFIELD DRIVE (PRODUCED W.)
- 7CM NW OF NW EDGE OF DRIVEWAY
- 4.24M NW OF MIDDLE OF DOUBLE CATCH BASIN.

(LOCATION UPDATED AS OF 84 09 12)

NON COORDINATE REVISIONS

1979-08-27 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

1990-05-03 1991-03-13

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56464 8 223

VERT

01-02-07

0.021 m ELEVATION REVISED AND REINTEGRATED

HISTORY 646-08.223 56464 8 223