

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 57 50.56110 dms
Longitude 114 04 53.80174 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 70-03

ASCM 19067

Tablet Markings 646-4.63

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

Mapsheet Name CALGARY F
Mapsheet Number 5646 - 004

Vert Datum CVD28 Updated: 2001-02-07
Elevation 1060.938 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 89-11-28

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2001-08-28

Scale Factor 0.999900 At Ref Mer 114

Northing 5647524.138 m
Easting -5732.797 m
Convergence -0 03 48.21 dms
Station Ellipsoid Factor 0.999836
Station Combined Factor 0.999737

ASCM Tablet To Markings	Horizontal Distance	Std Dev (m)(cm)	PPM/ Order	Grid/ Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
254490 646-4.62	117.095	1	60/2	0.999737	2 17 33.59	3.8	0.00
196824 646-4.337	185.394	1	59/2	0.999736	74 06 47.53	3.7	0.00
251207 646-4.316	238.851	1	38/2	0.999735	297 33 56.64	3.1	0.00
112003 646-4.335	251.366	1	36/1	0.999738	255 58 52.23	3.0	0.00
265637 646-4.65	281.836	1	57/2	0.999738	173 41 57.75	3.5	0.00
251082 646-4.176	299.372	1	53/2	0.999736	32 06 12.37	4.0	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1971-04-21

Meridian Defl,XI(+N) 3.7 s 2 s
Prime Vert Defl,ETA(+E) 6.3 s 2 s
Geoid_Ellip Separation -16.04 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

COORDINATE HISTORY

HORZ

VERT

Originating Project		70104
Published		71-04-21
Revising Project	NAD83	98017
Published	94-05-24	01-02-07
Revising Project	78017	
Published	79-02-20	
Revising Project		
Published		

MARKER LOCATION

Updated: 1971-04-21

S. OF SOUTHLAND DR. & W. OF SACRAMENTO
DR. LOCATED N. OF E-W LANE RUNNING PARALLEL
TO SOUTHLAND DR. & N. OF THE N-S LANE IN
MIDDLE OF BLK. 4; PL. 4540 HU; N. OF
SEATTLE DR.; N.W. OF LOT 13; BLK. 4; PL.
4540 HU.
15' W. OF E. PROP. L. OF N-S LANE (FROM
FD. I.)
36.5' N. OF S. PROP. L. OF E-W LANE.
N.W. COR. OF 720; SEATTLE DR.

NON COORDINATE REVISIONS

1971-04-21	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

1989-11-28 1990-04-30

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56464 4 63

VERT

01-02-07

0.009 m ELEVATION REVISED AND REINTEGRATED

HISTORY 646-04.63 56464 4 63