

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

Horz Datum NAD83      Updated: 1994-05-24  
Latitude    51 04 49.36819 dms  
Longitude   113 57 54.15240 dms  
Horz Class INTEGRATED    , ORDER 2

Marker Installed    75-03

ASCM      59576

Tablet Markings    658+4.123

Date Printed      2025-08-03  
Last Updated      2007-06-25

Mapsheet Name    CALGARY B  
Mapsheet Number   5658 + 004

Vert Datum CVD28      Updated: 1999-10-21  
Elevation    1095.539 m  
Vert Class INTEGRATED    , SPIRIT LEVELS

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

Marker Condition    GOOD      07-01-25

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3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2007-06-25

Scale Factor    0.999900    At Ref Mer 114

Northing    5660462.405 m  
Easting      2449.460 m  
Convergence    0 01 37.91 dms  
Station Ellipsoid Factor 0.999831  
Station Combined Factor   0.999731

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
117960 658+4.122	107.609	1 74/2	0.999734	2 44 41.75	5.1	0.00
161612 658+4.109	107.924	1 102/2	0.999731	89 34 26.79	8.3	0.00
223651 658+4.110	150.916	1 60/2	0.999728	44 28 16.54	4.9	0.00
45575 658+4.174	184.875	1 49/2	0.999730	329 03 14.21	3.9	0.00
129098 658+4.220	239.391	1 42/2	0.999732	224 13 44.00	3.3	0.00
281634 658+4.108	258.413	1 43/2	0.999728	160 22 47.45	3.6	0.00

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

Component      Magnitude    Std Dev

MARKER TYPE

Updated: 1976-12-01

Meridian Defl,XI(+N)    2.7    s    2    s  
Prime Vert Defl,ETA(+E)   4.3    s    2    s  
Geoid\_Ellip Separation -16.43 m    1    m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

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COORDINATE HISTORY      HORZ      VERT

Originating Project      76030      76030  
Published      76-03-01    76-03-01

Revising Project      NAD83      98015  
Published      94-05-24    99-10-21  
Revising Project  
Published  
Revising Project  
Published

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MARKER LOCATION

Updated: 2007-06-22

LOCATED IN THE SOUTH WEST CORNER OF RUNDLESIDE DRIVE AND 31 AVENUE NORTH EAST  
(EAST LEG); 0.1 M SW OF BOW ON CURVE; 3.1 M WEST OF BACK OF WALK  
WEST OF RUNDLESIDE DRIVE PRODUCED NORTH; 1.9 M SOUTH OF BACK OF WALK PRODUCED EA  
ST.

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NON COORDINATE REVISIONS

1976-12-01    FIRST MARKER LOCATION  
DESCRIPTION ENTERED  
2003-03-12    "MAPSHEET NAME" AND/OR  
"MAPSHEET NO" CHANGED

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MARKER CONDITION COMMENTS

Inspected      Updated

MARKER REPORTED IN GOOD CONDITION  
MARKER REPORTED IN GOOD CONDITION.

2007-01-25    2007-06-22  
1988-09-23    1988-11-17

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COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

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HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56583    4 123

VERT

99-10-21

0.024 m    REVISED ELEVATION-BETTER INTEGRATION

HISTORY 658+04.123      56583    4 123