

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

Horz Datum NAD83      Updated: 1994-05-24  
Latitude    50 52 42.31512 dms  
Longitude   113 59 04.32127 dms  
Horz Class INTEGRATED    , ORDER 1

Marker Installed   81-05

ASCM      27656

Tablet Markings   637+4.27

Date Printed      2025-08-03  
Last Updated      2013-01-17

Mapsheet Name    CALGARY C  
Mapsheet Number   5637 + 004

Vert Datum CVD28      Updated: 1982-04-22  
Elevation    1054.999 m  
Vert Class INTEGRATED    , SPIRIT LEVELS

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

Marker Condition   GOOD      89-01-11

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3TM COORDINATES

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ADJACENT MARKERS (calculated)

Updated: 2013-01-17

Scale Factor   0.999900    At Ref Mer 114

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Northing   5637996.653 m  
Easting     1088.425 m  
Convergence   0 00 43.20 dms  
Station Ellipsoid Factor 0.999837  
Station Combined Factor   0.999737  
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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)
150763 637+4.33	881.949	1	18/1	0.999737	324 52 32.43	1.5	0.00	
274670 634+4.22	1103.717	1	16/1	0.999742	185 51 08.88	1.3	0.00	
255760 637-0.6	1175.903	1	18/1	0.999741	265 37 08.59	1.5	0.00	
267823 634+4.21	1184.501	1	14/1	0.999738	146 17 07.54	1.2	0.00	

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

Component	Magnitude	Std Dev
Meridian Defl,XI(+N)	4.3   s    2   s	
Prime Vert Defl,ETA(+E)	5.1   s    2   s	
Geoid_Ellip Separation	-16.03 m   1   m	

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MARKER TYPE      Updated: 1989-02-22

ASC CAP ON 6 CM DIA LIGHT WALL STEEL DRIVEN PIPE 2.4 M LONG  
30.0 CM NORTH EAST OF MP.

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COORDINATE HISTORY      HORZ      VERT

Originating Project	81029	81029
Published	82-04-22	82-04-22

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MARKER LOCATION      Updated: 1989-02-22

LOCATED AT 194 AVENUE AND WEST OF 28 STREET SOUTH EAST (28 STREET IS 1/4 LINE);  
ON SOUTH SIDE OF SEC 20-22-29-W4; 86.0 M WEST OF A NORTH SOUTH 1/4 LINE FENCE;  
94.5 M NORTH OF THE NORTH PROPERTY LINE OF 194 AVENUE.

Revising Project      NAD83  
Published      94-05-24  
Revising Project  
Published  
Revising Project  
Published

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NON COORDINATE REVISIONS

1982-04-15	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.      1989-01-11    1989-02-22

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COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

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HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56373    4    27

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HISTORY      56373    4    27