

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

Horz Datum NAD83      Updated: 2007-07-05  
Latitude    50 55 06.46040 dms  
Longitude   113 57 31.10617 dms  
Horz Class INTEGRATED    , ORDER 2

Marker Installed   06-06

ASCM      30189

Tablet Markings   30189

Date Printed      2025-08-03  
Last Updated      2014-12-08

Mapsheet Name    CALGARY C  
Mapsheet Number   5640 + 004

Vert Datum CVD28      Updated: 2007-07-05  
Elevation    1034.474 m  
Vert Class INTEGRATED    , SPIRIT LEVELS

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

Marker Condition   GOOD      10-11-17

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3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2014-12-08

Scale Factor   0.999900    At Ref Mer 114

Northing   5642451.251 m  
Easting      2908.129 m  
Convergence    0 01 55.58 dms  
Station Ellipsoid Factor 0.999840  
Station Combined Factor   0.999741

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)	
110742 640+4.46	1219.599	1	10/1	0.999741	291 20 46.32	1.1	0.00
259358 643+04.33	1607.975	1	10/1	0.999741	31 18 19.63	0.9	0.01
74419 643+4.28	1985.025	1	9/1	0.999740	348 30 16.37	0.8	0.01
451070 451070	2233.797	1	4/1	0.999740	311 59 15.97	0.2	0.01

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GEOID DATA (GSD95)      Updated: 07-07-05

Component	Magnitude	Std Dev
Meridian Defl,XI(+N)	3.8   s	2   s
Prime Vert Defl,ETA(+E)	4.3   s	2   s
Geoid_Ellip Separation	-16.16 m	1   m

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MARKER TYPE

Updated: 2007-06-26

HPN BRASS DATUM POINT SET ON A GROUND ROD WITH STABILIZER PLATE, IN MANHOLE.  
19.0CM BGL IN GRASS

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COORDINATE HISTORY      HORZ      VERT

	HORZ	VERT
Originating Project	26007	26007
Published	07-07-05	07-07-05

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MARKER LOCATION

Updated: 2011-01-05

MARKER IS LOCATED IN A GRASSY AREA ON THE nw CORNER OF 52 ST SE (McKENIZE TOWNE BUILDING); 18.7 M SW OF TRAFFICE POST ON NW INTERSECTION; 4.1 M SW OF LIGHT STAN DARD ON W/S 52 ST; 8 M EAST OF FENCE ON W/S OF 52 ST SE; IN MANHOLE WITH COVER.

Revising Project  
Published  
Revising Project  
Published  
Revising Project  
Published

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NON COORDINATE REVISIONS

2007-06-26	FIRST MARKER LOCATION DESCRIPTION ENTERED
2007-06-26	INSTALLATION DATE AND TABLET MARKINGS ENTERED

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MARKER CONDITION COMMENTS

Inspected      Updated

MARKER REPORTED IN GOOD CONDITION

2010-11-17    2011-01-05

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COORDINATE HISTORY COMMENTS

HORZ

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HISTORICAL/OTHER MARKER NAMES

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