

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

Horz Datum NAD83      Updated: 1994-05-24  
Latitude    51 06 04.05810 dms  
Longitude   114 11 09.09790 dms  
Horz Class INTEGRATED    , ORDER 2

Marker Installed    73-03

ASCM      40360

Tablet Markings    661-12.142

Date Printed      2025-08-03  
Last Updated      2020-01-09

Mapsheet Name    CALGARY G  
Mapsheet Number   5661 - 012

Vert Datum CVD28      Updated: 2000-06-15  
Elevation    1119.501 m  
Vert Class INTEGRATED    , SPIRIT LEVELS

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

Marker Condition    GOOD      19-11-14

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3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor    0.999900    At Ref Mer 114

Northing    5662786.151 m  
Easting     -13017.289 m  
Convergence   -0 08 40.73 dms  
Station Ellipsoid Factor 0.999827  
Station Combined Factor   0.999729

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev	PPM/ Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
150656 661-12.119	182.380	1	60/2	0.999727	281 22 08.08	4.3	0.00
22418 661-12.122	254.377	1	55/2	0.999729	204 28 49.87	4.6	0.01
19679 661-12.117	276.693	1	51/2	0.999730	261 12 17.16	4.3	0.00
226332 661-12.133	296.340	1	51/2	0.999730	185 58 42.55	4.3	0.01
13177 661-12.118	333.666	1	39/2	0.999730	239 44 41.99	3.2	0.01
249672 661-12.99	367.825	1	33/2	0.999728	322 15 23.28	2.7	-0.01

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

Component      Magnitude    Std Dev

MARKER TYPE

Updated: 1974-08-20

Meridian Defl,XI(+N)      2.4    s      2    s  
Prime Vert Defl,ETA(+E)    6.9    s      2    s  
Geoid\_Ellip Separation -16.02 m      1    m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

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COORDINATE HISTORY      HORZ      VERT

MARKER LOCATION

Updated: 2020-01-08

Originating Project      74112      74112  
Published      83-05-04    83-05-04

ON NW COR. OF SILVERVIEW WAY AND 54 ST. NW; 1.10 M N OF B.O.W. PROD. E;  
5.7 M W OF B.O.W. PROD. S; 5.9 M SW OF CB.; 0.05 M NW OF B.O.W. ON CURVE.

Revising Project      NAD83      98016  
Published      94-05-24    00-06-15  
Revising Project  
Published  
Revising Project  
Published

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NON COORDINATE REVISIONS

1974-08-20    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  
MARKER REPORTED IN GOOD CONDITION  
MARKER REPORTED IN GOOD CONDITION.

2019-11-14    2020-01-08  
1993-10-14    1994-02-04  
1988-10-28    1989-05-17

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COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

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HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56614 12 142

00-06-15

0.028 m    REVISED ELEVATION-BETTER INTEGRATION

HISTORY      56614 12 142