

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

Horz Datum NAD83      Updated: 1994-05-24  
Latitude    51 07 17.92577 dms  
Longitude   114 11 20.92849 dms  
Horz Class INTEGRATED    , ORDER 2

Marker Installed    78-03  
  
Date Printed        2025-08-03  
Last Updated        2003-03-12

ASCM            19596  
  
Tablet Markings    664-12.113  
  
Mapsheet Name      CALGARY G  
Mapsheet Number    5664 - 012

Vert Datum CVD28      Updated: 2000-06-15  
Elevation    1178.012 m  
Vert Class INTEGRATED    , SPIRIT LEVELS

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

Marker Condition    GOOD            91-11-06

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3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2000-06-22

Scale Factor    0.999900    At Ref Mer 114

Northing    5665069.230 m  
Easting     -13241.587 m  
Convergence   -0 08 50.09 dms  
Station Ellipsoid Factor 0.999818  
Station Combined Factor 0.999720

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev (dms)	PPM/ Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
55236 664-12.112	143.033	1	91/2	0.999722	349 32 09.71	7.4	0.00
84723 664-12.98	214.327	1	61/2	0.999720	251 55 12.45	4.3	0.00
242107 664-12.101	228.479	1	70/2	0.999723	203 08 22.32	5.9	0.01
213405 664-12.157	250.642	1	80/2	0.999719	116 22 31.66	6.0	0.00
101220 664-12.100	251.926	1	56/2	0.999721	163 43 12.86	4.7	0.01
38810 664-12.120	333.915	1	48/2	0.999721	330 10 43.75	4.0	-0.01

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

Component                    Magnitude    Std Dev  
  
Meridian Defl,XI(+N)        2.3    s        2    s  
Prime Vert Defl,ETA(+E)    6.8    s        2    s  
Geoid\_Ellip Separation -16.04 m        1    m

MARKER TYPE

Updated: 1991-12-09

ASC BRASS TABLET ON TOP OF 5.1 CM X 1.5M STEEL PIPE.  
1 CM BGL, LANDSCAPED

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COORDINATE HISTORY

HORZ            VERT

Originating Project        78016        78016  
Published            83-07-27    83-07-27  
  
Revising Project            NAD83        98016  
Published            94-05-24    00-06-15  
Revising Project            91053  
Published            92-03-25  
Revising Project  
Published

MARKER LOCATION

Updated: 1979-08-16

AT S.W. CORNER OF INTERSECTION OF LANES AT N.E. CORNER OF  
LOT R8, BLK. 7, PLAN 7710099 ON PROPERTY LINE W. SIDE OF N-S LANE.  
- 0.9 M N. OF S. SIDE OF E-W LANE.  
- 13.1 M S.W. OF A CITY OF CALGARY ELECTRIC SYSTEM BOX SITUATED  
ON N. SIDE OF E-W LANE.

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NON COORDINATE REVISIONS

1979-08-16    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

1991-11-06    1991-12-09

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COORDINATE HISTORY COMMENTS

HORZ 94-05-24                    ALBERTA NAD83 READJUSTMENT  
92-03-25 197 01 39    0.048 m    MOVEMENT DETECTED

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HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56644 12 113

00-06-15                    0.029 m    REVISED ELEVATION-BETTER INTEGRATION

HISTORY                    56644 12 113