

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

Horz Datum NAD83      Updated: 1994-05-24 Latitude    51 01 36.98399 dms Longitude   114 05 25.17432 dms Horz Class INTEGRATED    , ORDER 3	Marker Installed    67-03  Date Printed        2025-08-03 Last Updated        2017-03-20	ASCM            13425  Tablet Markings    2019.59  Mapsheet Name    CALGARY G Mapsheet Number   5652 - 004
Vert Datum CVD28      Updated: 2001-02-07 Elevation    1075.801 m Vert Class INTEGRATED    , SPIRIT LEVELS	For current information call Geodetic Survey (780) 427-3143      FAX: (780) 427-1493	
	Marker Condition	GOOD            14-04-21

3TM COORDINATES	ADJACENT MARKERS (calculated)	Updated:
Scale Factor    0.999900    At Ref Mer 114	ASCM Tablet            Horizontal Std PPM/ Grid/ Grnd	Grid    Std    T-t
	To Markings            Distance Dev Order    Factor	Bearing    Dev    Corr
		(dms)    (s)    (s)
Northing    5654521.132 m	201541 2019.56            161.827    1 210/3    0.999734	98 52 41.63    18.0    0.00
Easting       -6336.383 m	84475 2019.60            184.512    1 130/3    0.999736	27 59 53.44    5.3    0.00
Convergence   -0 04 12.80 dms	167528 2019.65            196.692    1 152/3    0.999730	306 58 16.25    9.3    0.00
Station Ellipsoid Factor 0.999834	80135 2019.64            209.943    1 152/3    0.999732	272 53 26.74    12.0    0.00
Station Combined Factor 0.999735	298984 2019.55            214.458    1 112/3    0.999734	54 44 21.83    9.1    0.00
	114660 2019.57            245.486    1 143/3    0.999735	132 46 40.64    10.9    0.00

GEOID DATA (GSD95)      Updated: 17-03-20		
Component                    Magnitude    Std Dev	MARKER TYPE	Updated: 2008-01-31
Meridian Defl,XI(+N)        3.0    s        2    s	ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG	
Prime Vert Defl,ETA(+E)    6.2    s        2    s	3 CM BGL, LANDSCAPED.	
Geoid_Ellip Separation -16.13 m    1    m		

COORDINATE HISTORY            HORZ            VERT	MARKER LOCATION	Updated: 1993-02-02
Originating Project            68102        68102	ON E/S OF ROAD IN FRONT OF HOUSE #3010 CARLETON STREET S.W.; 0.40 M EAST OF	
Published            70-06-24    70-06-24	F.O.C. E/S PROD. N.; 15.0 M NORTH OF SOUTH WALL OF HOUSE PROD. WEST; 17.3 M	
	NE OF LT.S. ON W/S OF ROAD.	
Revising Project            NAD83        98017		
Published            94-05-24    01-02-07		
Revising Project		
Published		
Revising Project		
Published		

NON COORDINATE REVISIONS

1970-06-24    FIRST MARKER LOCATION	MARKER CONDITION COMMENTS	Inspected    Updated
2017-03-20    "MAPSHEET NAME" AND/OR	MARKER REPORTED IN GOOD CONDITION	2014-04-21    2014-06-02
"MAPSHEET NO" CHANGED	MARKER REPORTED IN GOOD CONDITION	2007-12-17    2008-01-31
2003-03-12    "MAPSHEET NAME" AND/OR	MARKER REPORTED IN GOOD CONDITION	1992-09-10    1993-02-02
"MAPSHEET NO" CHANGED		

COORDINATE HISTORY COMMENTS

HORZ 94-05-24                    ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56524    4    122	VERT            01-02-07	0.028 m    ELEVATION REVISED AND REINTEGRATED
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HISTORY                    56524    4    122