

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

Horz Datum NAD83      Updated: 1994-05-24	Marker Installed    73-03	ASCM      20891
Latitude    51 01 38.17228 dms		
Longitude   114 06 03.14922 dms		Tablet Markings
Horz Class INTEGRATED      , ORDER 2	Date Printed      2025-08-03	
	Last Updated      2017-03-20	
Vert Datum CVD28      Updated: 1983-04-21		Mapsheet Name    CALGARY G
Elevation    1130.045 m		Mapsheet Number   5652 - 004
Vert Class NOT CLASSIFIED, NON-SIMUL TRIG	For current information call Geodetic Survey (780) 427-3143      FAX: (780) 427-1493	Marker Condition    GOOD      93-01-07

3TM COORDINATES	ADJACENT MARKERS (calculated)	Updated:
Scale Factor    0.999900    At Ref Mer 114	ASCM Tablet	Horizontal Std PPM/ Grid/ Grnd
	To Markings	Distance Dev Order      Factor
		(m)(cm)
Northing    5654558.810 m	58131 652-4.264	250.978    1    75/2    0.999728    278 40 08.74    4.7    0.00
Easting      -7076.315 m	202762 652-4.254	265.853    1    71/2    0.999730    162 30 50.28    6.1    0.00
Convergence   -0 04 42.33 dms	12773 652-4.266	351.227    1    57/2    0.999729    12 51 52.72    4.5    -0.01
Station Ellipsoid Factor 0.999826	256198 652-4.267	367.681    1    60/2    0.999727    348 17 42.62    5.0    -0.01
Station Combined Factor    0.999726	169896 652-4.255	378.874    1    53/2    0.999730    224 28 21.99    3.7    0.00
	248765 2019.31	428.252    1    63/2    0.999729    98 59 27.18    5.4    0.00

GEOID DATA (GSD95)      Updated: 17-03-20

Component      Magnitude    Std Dev	MARKER TYPE	Updated: 1973-07-10
Meridian Defl,XI(+N)      3.0    s      2    s	HIGH POINT	
Prime Vert Defl,ETA(+E)    6.3    s      2    s		
Geoid_Ellip Separation -16.11 m      1    m		

COORDINATE HISTORY      HORZ      VERT

Originating Project      73104      73104		
Published      83-04-21    83-04-21		
Revising Project      NAD83		
Published      94-05-24		
Revising Project		
Published		
Revising Project		
Published		

KING EDWARD SCHOOL; BETWEEN 29TH AND 30TH AVE.S.W.,  
AND 16TH AND 17TH ST. S.W.; 1720 - 30TH AVE. S.W.; FLAGPOLE IS ON  
HIGHEST POINT OF THE SCHOOL. OBSERVED: TOP OF SILVER-COLORED  
FLAGPOLE, AT BASE OF SILVER-COLORED BALL  
NOTE: ELEVATION DERIVED FROM TRIG LEVELS BY CITY OF CALGARY  
(HIGH POINTS).    85/08/12

NON COORDINATE REVISIONS

1973-07-10    FIRST MARKER LOCATION DESCRIPTION ENTERED	MARKER CONDITION COMMENTS	Inspected      Updated
2017-03-20    "MAPSHEET NAME" AND "MAPSHEET NO" CHANGED	MARKER REPORTED IN GOOD CONDITION	1993-01-07    1993-07-05
2003-03-12    "MAPSHEET NAME" AND/OR "MAPSHEET NO" CHANGED		
1993-06-08    TABLET MARKINGS CHANGED FROM KING-EDWARD-SCH.		

COORDINATE HISTORY COMMENTS

HORZ 94-05-24      ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56524    4    284

VERT

HISTORY KINGEDW.SC      56524    4    284