

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

Horz Datum NAD83      Updated: 1994-05-24  
Latitude    51 07 31.89387 dms  
Longitude   114 09 50.09667 dms  
Horz Class INTEGRATED    , ORDER 2

Marker Installed    80-08  
  
Date Printed        2025-08-03  
Last Updated        2003-03-12

ASCM            37192  
  
Tablet Markings    664-8.78  
  
Mapsheet Name      CALGARY H  
Mapsheet Number    5664 - 008

Vert Datum CVD28      Updated: 2000-06-15  
Elevation    1236.250 m  
Vert Class INTEGRATED    , SPIRIT LEVELS

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

Marker Condition    GOOD            94-01-26

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3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2000-06-22

Scale Factor    0.999900    At Ref Mer 114

Northing    5665496.606 m  
Easting     -11474.278 m  
Convergence   -0 07 39.40 dms  
Station Ellipsoid Factor 0.999809  
Station Combined Factor 0.999711

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
90803 664-8.109	246.783	1 40/2	0.999712	249 25 45.98	2.8	0.00
441980 664-8.251	253.002	1 40/2	0.999708	60 32 14.80	3.3	0.00
154559 664-8.89	258.223	1 27/1	0.999714	171 47 35.35	2.0	0.01
152512 664-8.107	265.794	1 38/2	0.999710	315 42 36.28	2.7	-0.01
259986 664-8.88	307.151	1 36/2	0.999714	151 12 41.81	2.9	0.01
36475 664-8.87	342.125	1 35/2	0.999714	138 07 06.25	2.9	0.01

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

Component	Magnitude	Std Dev
Meridian Defl,XI(+N)	2.2 s	2 s
Prime Vert Defl,ETA(+E)	6.7 s	2 s
Geoid_Ellip Separation	-16.10 m	1 m

MARKER TYPE

Updated: 1994-03-23

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG  
2 CM AGL.

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COORDINATE HISTORY

HORZ            VERT

Originating Project	80060	80060
Published	81-11-01	81-11-01
Revising Project	NAD83	98016
Published	94-05-24	00-06-15
Revising Project		
Published		
Revising Project		
Published		

MARKER LOCATION

Updated: 1994-03-23

ON TOP OF HILL NEAR THE S/S OF AN ENVIRONMENTAL RESERVE AREA; IN LINE  
WITH THE REAR OF HOUSE #167 HAWKCLIFFE WAY N.W.; 67.3 M N OF AN E-W  
POW.L. ON 80 AVE. R.O.W.; 71.0 M NE OF THE NE P/L FENCE AT THE REAR OF  
#167; 11.70 M NW OF THE SE P/L FENCE OF HOUSE #167 PROD. NE .

NOTE: MON RPT'D "DESTROYED" BY CITY OF CALGARY 83/03/01, FND & USED  
IN PROJECT 83048 - NO DISTURBANCE FND 83 11 01.  
85 07 11: ENVIRONMENTAL RESERVE LOCATED W OF SARCEE TR NW & N OF  
HAWKSBROW MEWS, BLK 16.

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NON COORDINATE REVISIONS

1981-11-19	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

1994-01-26    1994-03-23

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COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

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HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56644    8    78

VERT

00-06-15

0.039 m    REVISED ELEVATION-BETTER INTEGRATION

HISTORY                    56644    8    78