

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

Horz Datum NAD83      Updated: 1994-05-24  
Latitude    51 02 51.95655 dms  
Longitude   113 58 33.47067 dms  
Horz Class INTEGRATED    , ORDER 3

Marker Installed    79-03

ASCM      10652

Tablet Markings    655+4.298

Date Printed      2025-08-03  
Last Updated      2016-04-08

Mapsheet Name    CALGARY B  
Mapsheet Number   5655 + 004

Vert Datum CVD28      Updated: 1999-10-21  
Elevation    1066.203 m  
Vert Class INTEGRATED    , SPIRIT LEVELS

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

Marker Condition    GOOD      88-05-10

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3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2016-04-08

Scale Factor    0.999900    At Ref Mer 114

Northing    5656834.132 m  
Easting      1685.365 m  
Convergence    0 01 07.29 dms  
Station Ellipsoid Factor 0.999836  
Station Combined Factor   0.999736

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	PPM/ Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
62448 655+4.300	165.644	1	91/2 0.999736	82 37 00.97	5.0	0.00
125591 655+4.299	213.842	1	75/2 0.999738	178 40 23.73	4.5	0.00
134296 655+4.302	218.045	1	83/2 0.999736	58 36 55.94	6.7	0.00
180018 655+4.319	221.191	1	86/2 0.999733	129 41 47.97	6.5	0.00
32995 655+4.316	277.343	1	58/2 0.999737	178 38 23.11	3.8	0.00
46219 655+4.293	281.648	1	67/2 0.999737	238 42 47.89	5.6	0.00

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

Component      Magnitude    Std Dev

MARKER TYPE

Updated: 1988-07-21

Meridian Defl,XI(+N)    2.8    s    2    s  
Prime Vert Defl,ETA(+E)   4.3    s    2    s  
Geoid\_Ellip Separation -16.36 m    1    m

ASC CAP SET IN CONCRETE SIDEWALK

FLUSH WITH GROUND.

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COORDINATE HISTORY      HORZ      VERT

MARKER LOCATION

Updated: 1988-07-21

Originating Project      78040      78040  
Published      83-08-18    83-08-18  
  
Revising Project      NAD83      98015  
Published      94-05-24    99-10-21  
Revising Project  
Published  
Revising Project  
Published

LOCATED ON NORTH EAST CORNER OF LOT 24 OF FONDA RISE IN WALKWAY  
IN ALLEY; 3.1 M NORTH OF NORTH BACK OF ROLLED CURB NORTH SIDE OF  
FONDA RISE; HOUSE #3 FONDA RISE; 0.6 M NORTH OF SEPARATE BACK OF  
WALK SOUTH PROPERTY LINE OF LOT 24; 0.3 M WEST OF SMALL PIECE OF  
WALK PROD. NORTH; AT NORTH END OF LANE OF 40 STREET AND FONDA RISE  
SOUTH EAST, AT THE REAR OF HOUSE #3 LOT 24 ALSO; 4.25 M WEST OF  
BACK OF WALK ON EAST SIDE OF HOUSE #3; 84.0 CM SOUTH OF FRONT OF  
WALK AT REAR OF HOUSE #3.

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NON COORDINATE REVISIONS

1980-06-04    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

1988-05-10    1988-07-21

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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 # 56553    4    298

99-10-21

0.019 m    REVISED ELEVATION-BETTER INTEGRATION

HISTORY 655+04.298      56553    4    298