## SURVEYING AND MAPPING DIVISION

Alberta Survey Control Marker (ASCM) Information MASCOT DSS-1

|  | MASCOT DSS   |  |                                       |   |                             |                                      |                      |                    |
|--|--|--|---------------------------------------|---|-----------------------------|--------------------------------------|----------------------|--------------------|
| Horz Datum NAD83 Updated: 1994-05-24   |  |  |                                       |   | ASCM                        | 14472                                |                      |                    |
| Latitude 51 04 34.07103 dms  | Marker Installe  | ed 80-04   |                                       |   |                             |                                      |                      |                    |
| Longitude 113 56 43.67794 dms Horz Class INTEGRATED , ORDER 2  |  |  |                                       | Tablet Mar                                  | rkings                      | 658+4.3                              | 29                   |                    |
| Horz Class INTEGRATED , ORDER 2  | Date Printed   |  |                                       |   |                             |                                      |                      |                    |
|  | Last Updated   | 2007-06-20   |                                       | Mapsheet                                    |                             |                                      |                      |                    |
| Vert Datum CVD28 Updated: 1999-10-21   |  |  |                                       | Mapsheet 1                                  | Number                      | 5658 + 0                             | 004                  |                    |
| Elevation 1083.964 m   | For current information  | call Geodetic S  | urvey                                 |   |                             |                                      |                      |                    |
| Vert Class INTEGRATED , SPIRIT LEVELS  | (780) 427-3143 FA  | X: (780) 427-14  | 93                                    | Marker Cond                                 | dition                      | GOOD                                 | 91-                  | -06-12             |
| 3TM COORDINATES  | ADJACENT MARKERS (c  |  |                                       |   |                             | <br>Updated                          |                      |                    |
|  | · ·  | ,  |                                       |   |                             | -                                    |                      |                    |
| Scale Factor 0.999900 At Ref Mer 114   | ASCM Tablet<br>To Markings   | Horizontal   | Std PPM/                              | Grid/ Grnd                                  |                             | Grid                                 | Std                  | T-t                |
|  | To Markings  | Distance   | Dev Order                             | Factor                                      |                             | Bearing                              | Dev                  | Corr               |
| Northing 5659990.562 m   |  | ( m )  | (cm)                                  |   |                             | (dms)                                | (s)                  | (s)                |
| Easting 3821.503 m   | 277251 658+4.261   | 150.564  | 1 86/2                                | 0.999735                                    | 317 3                       | 32 36.76                             | 6.6                  | 0.00               |
| Convergence 0 02 32.73 dms   | 162792 658+4.260   | 199.165  | 1 70/2                                | 0.999735                                    | 299 2                       | 27 56.77                             | 4.9                  | 0.00               |
| Station Ellipsoid Factor 0.999833  | 56614 658+8.125  | 268.959  | 1 63/2                                | 0.999733                                    | 39 (                        | 08 38.32                             | 4.7                  | 0.00               |
| Station Combined Factor 0.999733   | 77008 658+8.61   | 302.371  | 1 46/2                                | 0.999733                                    | 130 5                       | 51 49.55                             | 3.5                  | 0.00               |
|  | 216523 658+4.258   | 305.634  | 1 46/2                                | 0.999733                                    | 263 3                       | 35 42.72                             | 3.4                  | 0.00               |
| Northing 5659990.562 m  Easting 3821.503 m  Convergence 0 02 32.73 dms  Station Ellipsoid Factor 0.999833  Station Combined Factor 0.999733  GEOID DATA (GSD95) Updated: 96-01-06  | 73395 658+4.267  | 307.970  | 1 45/2                                | 0.999734                                    | 344 1                       | 12 26.32                             | 3.9                  | 0.00               |
| Component Magnitude Std Dev  | MARKER TYPE  |  |                                       |   |                             | Updated                              | d: 199               | 1-08-02            |
|  |  |  |                                       |   |                             |                                      |                      |                    |
| Meridian Defl,XI(+N) 2.8 s 2 s   | ASC CAP ON 6 CM DIA  | A STEEL PIPE 3.0   |                                       |   |                             |                                      |                      |                    |
| Prime Vert Deil,ETA(+E) 4.1 s 2 s  |  |  |                                       | SH W/GRND                                   |                             |                                      |                      |                    |
| Geoid_Ellip Separation -16.45 m 1 m  |  |  |                                       |   |                             |                                      |                      |                    |
|  | MARKER LOCATION  |  |                                       |   |                             | Update                               | d: 1990              | 0-05-03            |
| COORDINATE HISTORY HORZ VERT   |  |  |                                       |   |                             |                                      |                      |                    |
|  |  |  |                                       |   |                             |                                      |                      |                    |
|  | LOCATED ON THE NORT  | TH SIDE OF 26 AV   | ENUE AND V                            | EST OF 62 S                                 | STREET                      | NORTH EAS                            | ST;                  |                    |
|  | LOCATED ON THE NORT  | CH SIDE OF 26 AV   | ENUE AND V<br>B ON THE N              | NEST OF 62 S<br>NORTH SIDE;                 | STREET 3.30 N               | NORTH EAS<br>M EAST OF               | ST;<br>THE           |                    |
| Originating Project 77045 77045<br>Published 82-03-01 82-03-01   | LOCATED ON THE NORT<br>0.05 M NORTH OF BAC<br>WEST PROPERTY LINE   | TH SIDE OF 26 AV.<br>TK OF ROLLED CUR.<br>TOF HOUSE #6220                                  | ENUE AND V<br>B ON THE N<br>- 26 AVEN | VEST OF 62 S<br>NORTH SIDE;<br>NORTH EA     | STREET<br>3.30 N<br>AST LOT | NORTH EAS<br>M EAST OF<br>F 16, BLO  | ST;<br>THE<br>CK 38. |                    |
| Originating Project 77045 77045 Published 82-03-01 82-03-01  | LOCATED ON THE NORT<br>0.05 M NORTH OF BAC<br>WEST PROPERTY LINE   | CH SIDE OF 26 AV<br>CK OF ROLLED CUR<br>C OF HOUSE #6220                                   | ENUE AND V<br>B ON THE N<br>- 26 AVEN | VEST OF 62 STORTH SIDE;                     | STREET<br>3.30 N<br>AST LOT | NORTH EAS<br>M EAST OF<br>I 16, BLOG | ST;<br>THE<br>CK 38. |                    |
| Originating Project 77045 77045 Published 82-03-01 82-03-01  Revising Project NAD83 98015  | LOCATED ON THE NORT<br>0.05 M NORTH OF BAC<br>WEST PROPERTY LINE   | TH SIDE OF 26 AV. TK OF ROLLED CUR. TO OF HOUSE #6220                                      | ENUE AND V<br>B ON THE N<br>- 26 AVEN | JEST OF 62 STORTH SIDE;                     | STREET<br>3.30 M<br>AST LOT | NORTH EA:<br>M EAST OF<br>Γ 16, BLOG | ST;<br>THE<br>CK 38. |                    |
| Originating Project 77045 77045 Published 82-03-01 82-03-01  Revising Project NAD83 98015 Published 94-05-24 99-10-21  | LOCATED ON THE NORT<br>0.05 M NORTH OF BAC<br>WEST PROPERTY LINE   | TH SIDE OF 26 AV. TK OF ROLLED CUR. TO OF HOUSE #6220                                      | ENUE AND V<br>B ON THE N<br>- 26 AVEN | IEST OF 62 S<br>IORTH SIDE;<br>IUE NORTH EA | STREET<br>3.30 M<br>AST LOT | NORTH EAS<br>M EAST OF<br>I 16, BLOO | ST;<br>THE<br>CK 38. |                    |
| Originating Project 77045 77045 Published 82-03-01 82-03-01  Revising Project NAD83 98015 Published 94-05-24 99-10-21 Revising Project   | LOCATED ON THE NORT<br>0.05 M NORTH OF BAC<br>WEST PROPERTY LINE   | TH SIDE OF 26 AV. THE OF ROLLED CUR. TO THOUSE #6220                                       | ENUE AND V<br>B ON THE 1<br>- 26 AVEN | IEST OF 62 S<br>IORTH SIDE;<br>IUE NORTH E  | STREET<br>3.30 M<br>AST LOT | NORTH EAS<br>M EAST OF<br>F 16, BLOO | ST;<br>THE<br>CK 38. |                    |
| Originating Project 77045 77045 Published 82-03-01 82-03-01  Revising Project NAD83 98015 Published 94-05-24 99-10-21 Revising Project Published   | LOCATED ON THE NORT  0.05 M NORTH OF BAC  WEST PROPERTY LINE   | TH SIDE OF 26 AV. CK OF ROLLED CUR. COF HOUSE #6220  | ENUE AND V<br>B ON THE N<br>- 26 AVEN | JEST OF 62 S<br>JORTH SIDE;<br>JUE NORTH E  | STREET<br>3.30 M<br>AST LOT | NORTH EA:<br>M EAST OF<br>F 16, BLO  | ST;<br>THE<br>CK 38. |                    |
| Originating Project 77045 77045 Published 82-03-01 82-03-01  Revising Project NAD83 98015 Published Revising Project Published Revising Project  | LOCATED ON THE NORT  0.05 M NORTH OF BAC WEST PROPERTY LINE  | TH SIDE OF 26 AV. CK OF ROLLED CUR. COF HOUSE #6220  | ENUE AND V<br>B ON THE N<br>- 26 AVEN | JEST OF 62 S<br>JORTH SIDE;<br>JUE NORTH EA | STREET<br>3.30 N<br>AST LOT | NORTH EA:<br>M EAST OF<br>F 16, BLO  | ST;<br>THE<br>CK 38. |                    |
| Originating Project Published Project Published Published Published Revising Project Published Revising Project Published Revising Project Published Project | LOCATED ON THE NORT  0.05 M NORTH OF BAC WEST PROPERTY LINE  | TH SIDE OF 26 AV. CK OF ROLLED CUR. COF HOUSE #6220  | ENUE AND V<br>B ON THE N<br>- 26 AVEN | JEST OF 62 STORTH SIDE;<br>JUE NORTH EA     | STREET<br>3.30 N<br>AST LOT | NORTH EA:<br>M EAST OF<br>r 16, BLO  | ST;<br>THE<br>CK 38. |                    |
| Originating Project Published 82-03-01 82-03-01  Revising Project NAD83 98015 Published Published Revising Project Published Revising Project Published Published Published  | LOCATED ON THE NORT  0.05 M NORTH OF BAC WEST PROPERTY LINE  | TH SIDE OF 26 AV. CK OF ROLLED CUR. COF HOUSE #6220  | ENUE AND V<br>B ON THE N<br>- 26 AVEN | JEST OF 62 S<br>JORTH SIDE;<br>JUE NORTH E  | STREET<br>3.30 N<br>AST LOT | NORTH EA:<br>M EAST OF<br>F 16, BLO  | ST;<br>THE<br>CK 38. |                    |
| Originating Project Published Project Published Paper Project Published Revising Project Published  | LOCATED ON THE NORT  0.05 M NORTH OF BAC  WEST PROPERTY LINE   | CH SIDE OF 26 AV.  | ENUE AND V<br>B ON THE N<br>- 26 AVEN | JEST OF 62 S                                | STREET 3.30 N AST LOT       | NORTH EAST OF 16, BLOG               | ST;<br>THE<br>CK 38. |                    |
| Originating Project 77045 77045 Published 82-03-01 82-03-01  Revising Project NAD83 98015 Published 94-05-24 99-10-21 Revising Project Published Revising Project Published NON COORDINATE REVISIONS   | 0.05 M NORTH OF BAC<br>WEST PROPERTY LINE  | CK OF ROLLED CUR.  | ENUE AND V<br>B ON THE N<br>- 26 AVEN | JEST OF 62 S                                | STREET 3.30 N AST LOT       | NORTH EAST OF 16, BLOG               | THE<br>CK 38.        | <br>Updated        |
| Originating Project 77045 77045 Published 82-03-01 82-03-01  Revising Project NAD83 98015 Published 94-05-24 99-10-21 Revising Project Published Revising Project Published NON COORDINATE REVISIONS  1982-03-01 FIRST MARKER LOCATION DESCRIPTION ENTERED   | 0.05 M NORTH OF BAC<br>WEST PROPERTY LINE  | CK OF ROLLED CUR.  | ENUE AND V<br>B ON THE N<br>- 26 AVEN | JEST OF 62 S                                | STREET 3.30 N AST LOT       | M EAST OF                            | THE<br>CK 38.        | <br>Updated        |
| Originating Project 77045 77045 Published 82-03-01 82-03-01  Revising Project NAD83 98015 Published 94-05-24 99-10-21 Revising Project Published Revising Project Published NON COORDINATE REVISIONS  1982-03-01 FIRST MARKER LOCATION   | 0.05 M NORTH OF BAC<br>WEST PROPERTY LINE  | CK OF ROLLED CUR. C OF HOUSE #6220   | ENUE AND V<br>B ON THE N<br>- 26 AVEN | JEST OF 62 S                                | STREET 3.30 N AST LOT       | M EAST OF                            | THE<br>CK 38.        | -                  |
| Originating Project 77045 77045 Published 82-03-01 82-03-01  Revising Project NAD83 98015 Published 94-05-24 99-10-21 Revising Project Published Revising Project Published NON COORDINATE REVISIONS  1982-03-01 FIRST MARKER LOCATION DESCRIPTION ENTERED   | 0.05 M NORTH OF BAC<br>WEST PROPERTY LINE  | CK OF ROLLED CUR: C OF HOUSE #6220  DIMMENTS  GOOD CONDITION                               | ENUE AND V<br>B ON THE N<br>- 26 AVEN | JEST OF 62 S                                | 3.30 N                      | M EAST OF<br>F 16, BLOO              | THE<br>CK 38.        | 1-08-02            |
| Originating Project 77045 77045 Published 82-03-01 82-03-01  Revising Project NAD83 98015 Published 94-05-24 99-10-21 Revising Project Published Revising Project Published NON COORDINATE REVISIONS  1982-03-01 FIRST MARKER LOCATION DESCRIPTION ENTERED 2003-03-12 "MAPSHEET NAME" AND/OR   | 0.05 M NORTH OF BAC WEST PROPERTY LINE  MARKER CONDITION CO  | CK OF ROLLED CUR: C OF HOUSE #6220  DIMMENTS  GOOD CONDITION GOOD CONDITION                | B ON THE N                            | JEST OF 62 S                                | 3.30 N                      | M EAST OF 16, BLOO                   | THE CK 38.           | 1-08-02<br>0-05-03 |
| Originating Project 77045 77045 Published 82-03-01 82-03-01  Revising Project NAD83 98015 Published 94-05-24 99-10-21 Revising Project Published Revising Project Published NON COORDINATE REVISIONS  1982-03-01 FIRST MARKER LOCATION DESCRIPTION ENTERED 2003-03-12 "MAPSHEET NAME" AND/OR   | 0.05 M NORTH OF BAC<br>WEST PROPERTY LINE<br>MARKER CONDITION CO<br>MARKER REPORTED IN<br>MARKER REPORTED IN   | CK OF ROLLED CUR. C OF HOUSE #6220  DIMMENTS  GOOD CONDITION GOOD CONDITION.               | B ON THE N                            | ORTH SIDE;                                  | 3.30 N                      | M EAST OF 16, BLOO                   | THE CK 38.           | 1-08-02<br>0-05-03 |
| Originating Project 77045 77045 Published 82-03-01 82-03-01  Revising Project NAD83 98015 Published 94-05-24 99-10-21 Revising Project Published Revising Project Published NON COORDINATE REVISIONS  1982-03-01 FIRST MARKER LOCATION DESCRIPTION ENTERED 2003-03-12 "MAPSHEET NAME" AND/OR   | 0.05 M NORTH OF BAC<br>WEST PROPERTY LINE<br>MARKER CONDITION CO<br>MARKER REPORTED IN<br>MARKER REPORTED IN<br>MARKER REPORTED IN                       | CK OF ROLLED CUR. C OF HOUSE #6220  DMMENTS  GOOD CONDITION GOOD CONDITION.                | B ON THE N                            | JEST OF 62 S                                | 3.30 N                      | M EAST OF 16, BLOO                   | THE CK 38.           | 1-08-02<br>0-05-03 |
| Originating Project 77045 77045 Published 82-03-01 82-03-01  Revising Project NAD83 98015 Published 94-05-24 99-10-21 Revising Project Published Revising Project Published NON COORDINATE REVISIONS  1982-03-01 FIRST MARKER LOCATION DESCRIPTION ENTERED 2003-03-12 "MAPSHEET NAME" AND/OR   | 0.05 M NORTH OF BAC<br>WEST PROPERTY LINE<br>MARKER CONDITION CO<br>MARKER REPORTED IN<br>MARKER REPORTED IN<br>MARKER REPORTED IN<br>MARKER REPORTED IN | CK OF ROLLED CUR. COF HOUSE #6220  DIMMENTS  GOOD CONDITION GOOD CONDITION GOOD CONDITION. | B ON THE N                            | ORTH SIDE;                                  | 3.30 N                      | M EAST OF 16, BLOG                   | THE CK 38.           | 1-08-02<br>0-05-03 |
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| Originating Project 77045 77045 Published 82-03-01 82-03-01  Revising Project NAD83 98015 Published 94-05-24 99-10-21 Revising Project Published Revising Project Published NON COORDINATE REVISIONS  1982-03-01 FIRST MARKER LOCATION DESCRIPTION ENTERED 2003-03-12 "MAPSHEET NAME" AND/OR   | 0.05 M NORTH OF BAC<br>WEST PROPERTY LINE<br>MARKER CONDITION CO<br>MARKER REPORTED IN<br>MARKER REPORTED IN<br>MARKER REPORTED IN<br>MARKER REPORTED IN | CK OF ROLLED CUR. COF HOUSE #6220  DIMMENTS  GOOD CONDITION GOOD CONDITION GOOD CONDITION. | B ON THE N                            | ORTH SIDE;                                  | 3.30 N                      | M EAST OF 16, BLOG                   | THE CK 38.           | 1-08-02<br>0-05-03 |
| Originating Project 77045 77045 Published 82-03-01 82-03-01  Revising Project NAD83 98015 Published 94-05-24 99-10-21 Revising Project Published Revising Project Published NON COORDINATE REVISIONS  1982-03-01 FIRST MARKER LOCATION DESCRIPTION ENTERED 2003-03-12 "MAPSHEET NAME" AND/OR "MAPSHEET NO" CHANGED   | 0.05 M NORTH OF BAC<br>WEST PROPERTY LINE<br>MARKER CONDITION CO<br>MARKER REPORTED IN<br>MARKER REPORTED IN<br>MARKER REPORTED IN<br>MARKER REPORTED IN | CK OF ROLLED CUR. C OF HOUSE #6220  DMMENTS  GOOD CONDITION GOOD CONDITION. COMMENTS       | B ON THE N - 26 AVEN                  | ORTH SIDE;                                  | 3.30 NAST LOT               | M EAST OF 16, BLOO                   | THE<br>CK 38.        | 1-08-02<br>0-05-03 |

HISTORY

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