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==============================================================================
                              G W  q DTRUSS q W     VERSION 2.1
     FILENAME: LAT211C3.T2              AUTHORITY:  q SONGKHEW q
     PROJECT : LANNA T211C3             ENGINEER: CHANASORN
 H============================================================================

                   G W /* STEEL WEIGHT */
 W H--------------------------------------------------------------------------
 G           Material Set       Unit Weight,kg/m.      Total Weight,t.
 H--------------------------------------------------------------------------
                  1                  26.876                1.234
                  2                  13.438                0.773


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==============================================================================
                              G W  q DTRUSS q W     VERSION 2.1
   FILENAME: LAT211C3.T2              AUTHORITY:  q SONGKHEW q
   PROJECT : LANNA T211C3             ENGINEER: CHANASORN
 H============================================================================

          G W /* NODAL  DISPLACEMENT (cm) */
 W H--------------------------------------------------------------------------
 G           Node         X-Displacement          Y-Displacement
 H--------------------------------------------------------------------------
              1          0.0000e+00              0.0000e+00
              2         -1.5808e-02             -4.2419e-01
              3         -2.1870e-02             -8.1105e-01
              4         -1.8977e-02             -1.1542e+00
              5         -7.5228e-03             -1.4409e+00
              6          1.1308e-02             -1.6528e+00
              7          3.6229e-02             -1.7923e+00
              8          6.6308e-02             -1.8564e+00
              9          1.0049e-01             -1.8439e+00
             10          1.3758e-01             -1.7564e+00
             11          1.7629e-01             -1.5972e+00
             12          2.1518e-01             -1.3722e+00
             13          2.5270e-01             -1.0890e+00
             14          2.8720e-01             -7.5756e-01
             15          3.1690e-01             -3.8982e-01
             16          3.3989e-01              0.0000e+00
             17          3.3978e-01              1.9098e-01
             18          3.3978e-01              3.8425e-01
             19          3.4490e-01             -7.4833e-04
             20          3.2156e-01             -4.0711e-01
             21          2.8913e-01             -7.9850e-01
             22          2.5187e-01             -1.1438e+00
             23          2.1156e-01             -1.4326e+00
             24          1.7029e-01             -1.6489e+00
             25          1.3047e-01             -1.7906e+00
             26          9.3288e-02             -1.8568e+00
             27          5.9928e-02             -1.8466e+00
             28          3.1425e-02             -1.7612e+00
             29          8.6795e-03             -1.6042e+00
             30         -7.5421e-03             -1.3814e+00
             31         -1.6607e-02             -1.1004e+00
             32         -1.8011e-02             -7.7119e-01
             33         -1.1378e-02             -4.0568e-01
             34          3.5438e-03             -1.7775e-02
             35          1.5237e-02              1.9173e-01
             36          2.5725e-02              3.8432e-01


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================================================================================
                            G W  q DTRUSS q W     VERSION 2.1
    FILENAME: LAT211C3.T2                 AUTHORITY:  q SONGKHEW q
    PROJECT : LANNA T211C3                ENGINEER: CHANASORN
 H==============================================================================


    G W /* ELEMENT FORCE (Own weight inc.) */
 W H----------------------------------------------------------------------------
 G      Element       Length,m.       Force,kg(P)       Stress,ksc(fa)
 H----------------------------------------------------------------------------
          1            1.42          5.0336e+03            147.1
          2            1.42          8.8150e+03            257.6
          3            1.42          1.2000e+04            350.7
          4            1.42          1.4596e+04            426.5
          5            1.42          1.6028e+04            468.4
          6            1.42          1.6887e+04            493.5
          7            1.42          1.7176e+04            501.9
          8            1.42          1.6901e+04            493.9
          9            1.42          1.6069e+04            469.6
         10            1.42          1.4684e+04            429.1
         11            1.42          1.2751e+04            372.6
         12            1.42          1.0277e+04            300.3
         13            1.42          7.2659e+03            212.3
         14            1.42          3.7232e+03            108.8
         15            1.42         -3.4611e+02            -10.1
         16            0.84         -9.2338e+01             -2.7
         17            0.83          0.0000e+00              0.0
         18            1.42          0.0000e+00              0.0
         19            1.42         -5.0327e+03           -147.1
         20            1.42         -8.8133e+03           -257.5
         21            1.42         -1.1998e+04           -350.6
         22            1.42         -1.4593e+04           -426.4
         23            1.42         -1.6025e+04           -468.3
         24            1.42         -1.6883e+04           -493.4
         25            1.42         -1.7172e+04           -501.8
         26            1.42         -1.6898e+04           -493.8
         27            1.42         -1.6066e+04           -469.5
         28            1.42         -1.4681e+04           -429.0
         29            1.42         -1.2749e+04           -372.6
         30            1.42         -1.0275e+04           -300.3
         31            1.42         -7.2645e+03           -212.3
         32            1.42         -3.7225e+03           -108.8
         33            0.84          3.4597e+02             10.1
         34            0.84          9.2472e+01              2.7
         35            1.37         -1.9627e+02            -11.5
         36            1.37          4.4639e+03            260.9
         37            1.38          3.2670e+03            190.9
         38            1.38          2.6999e+03            157.8
         39            1.39          2.1346e+03            124.8
         40            1.39          1.0051e+03             58.7
         41            1.40          4.4529e+02             26.0
         42            1.40         -1.1271e+02             -6.6
         43            1.41         -6.6896e+02            -39.1
         44            1.41         -1.2235e+03            -71.5
         45            1.42         -1.7763e+03           -103.8


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===============================================================================
                           G W  q DTRUSS q W     VERSION 2.1
    FILENAME: LAT211C3.T2                 AUTHORITY:  q SONGKHEW q
    PROJECT : LANNA T211C3                ENGINEER: CHANASORN
 H=============================================================================

    G W /* ELEMENT FORCE (Own weight inc.) */
 W H---------------------------------------------------------------------------
 G      Element       Length,m.       Force,kg(P)       Stress,ksc(fa)
 H---------------------------------------------------------------------------
           46           1.42          -2.3274e+03           -136.0
           47           1.43          -2.8768e+03           -168.1
           48           1.43          -3.4246e+03           -200.2
           49           1.44          -3.9707e+03           -232.1
           50           1.44          -4.4352e+03           -259.2
           51           1.39           1.9177e+02             11.2
           52           1.35           2.0292e+01              1.2
           53           1.91          -6.7936e+03           -397.1
           54           1.92          -5.1119e+03           -298.8
           55           1.92          -4.3133e+03           -252.1
           56           1.92          -3.5200e+03           -205.7
           57           1.93          -1.9464e+03           -113.8
           58           1.93          -1.1676e+03            -68.2
           59           1.93          -3.9395e+02            -23.0
           60           1.94           3.7469e+02             21.9
           61           1.94           1.1384e+03             66.5
           62           1.94           1.8972e+03            110.9
           63           1.95           2.6511e+03            154.9
           64           1.95           3.4003e+03            198.7
           65           1.95           4.1448e+03            242.2
           66           1.96           4.8847e+03            285.5
           67           1.96           5.6200e+03            328.5
           68           1.63          -4.9287e+02            -28.8
           69           1.59          -1.7554e+02            -10.3


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================================================================================
                          G W  q DTRUSS q W      VERSION 2.1
    FILENAME: LAT211C3.T2                 AUTHORITY:  q SONGKHEW q
    PROJECT : LANNA T211C3                ENGINEER: CHANASORN
 H==============================================================================

          G W /* SUPPORT  REACTION (kg) */
 W H----------------------------------------------------------------------------
 G          Node           X - Force              Y - Force
 H----------------------------------------------------------------------------
            1            -5.2535e-05             5.1151e+03
           16             0.0000e+00             4.9300e+03


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================================================================================
                         G W  q DTRUSS q W    VERSION 2.1
   FILENAME: LAT211C3.T2                 AUTHORITY:  q SONGKHEW q
   PROJECT : LANNA T211C3                ENGINEER: CHANASORN
H===============================================================================

           G W /* SECTION & WELDING */
W H-----------------------------------------------------------------------------
G Element  Steel  section       (l/r)  (Fa,ksc)   (fa/Fa) Welding, <t,L>mm.
H-----------------------------------------------------------------------------
    1   2[-125x65x6.0x8.0        36     3304.2     0.04        6.0, 100
    2   2[-125x65x6.0x8.0        36     3304.2     0.08        6.0, 170
    3   2[-125x65x6.0x8.0        36     3304.2     0.11        6.0, 230
    4   2[-125x65x6.0x8.0        36     3304.2     0.13        6.0, 280
    5   2[-125x65x6.0x8.0        36     3304.2     0.14        6.0, 300
    6   2[-125x65x6.0x8.0        36     3304.2     0.15        6.0, 320
    7   2[-125x65x6.0x8.0        36     3304.2     0.15        6.0, 330
    8   2[-125x65x6.0x8.0        36     3304.2     0.15        6.0, 320
    9   2[-125x65x6.0x8.0        36     3304.2     0.14        6.0, 310
   10   2[-125x65x6.0x8.0        36     3304.2     0.13        6.0, 280
   11   2[-125x65x6.0x8.0        36     3304.2     0.11        6.0, 240
   12   2[-125x65x6.0x8.0        36     3304.2     0.09        6.0, 200
   13   2[-125x65x6.0x8.0        36     3304.2     0.06        6.0, 140
   14   2[-125x65x6.0x8.0        36     3304.2     0.03        6.0,  70
   15   2[-125x65x6.0x8.0        36     2771.7     0.00        6.0,  40
   16   2[-125x65x6.0x8.0        21     3040.0     0.00        6.0,  40
   17   2[-125x65x6.0x8.0        21     3304.2     0.00        6.0,  40
   18   2[-125x65x6.0x8.0        36     3304.2     0.00        6.0,  40
   19   2[-125x65x6.0x8.0        36     2771.8     0.05        6.0, 100
   20   2[-125x65x6.0x8.0        36     2771.8     0.09        6.0, 170
   21   2[-125x65x6.0x8.0        36     2771.8     0.13        6.0, 230
   22   2[-125x65x6.0x8.0        36     2771.8     0.15        6.0, 280
   23   2[-125x65x6.0x8.0        36     2771.8     0.17        6.0, 300
   24   2[-125x65x6.0x8.0        36     2771.8     0.18        6.0, 320
   25   2[-125x65x6.0x8.0        36     2771.8     0.18        6.0, 330
   26   2[-125x65x6.0x8.0        36     2771.8     0.18        6.0, 320
   27   2[-125x65x6.0x8.0        36     2771.8     0.17        6.0, 310
   28   2[-125x65x6.0x8.0        36     2771.8     0.15        6.0, 280
   29   2[-125x65x6.0x8.0        36     2771.8     0.13        6.0, 240
   30   2[-125x65x6.0x8.0        36     2771.8     0.11        6.0, 200
   31   2[-125x65x6.0x8.0        36     2771.8     0.08        6.0, 140
   32   2[-125x65x6.0x8.0        36     2771.8     0.04        6.0,  70
   33   2[-125x65x6.0x8.0        21     3304.2     0.00        6.0,  40
   34   2[-125x65x6.0x8.0        21     3304.2     0.00        6.0,  40
   35    [-125x65x6.0x8.0        70     1954.2     0.01        6.0,  40
   36    [-125x65x6.0x8.0        70     3304.2     0.08        6.0,  90
   37    [-125x65x6.0x8.0        70     3304.2     0.06        6.0,  70
   38    [-125x65x6.0x8.0        71     3304.2     0.05        6.0,  60
   39    [-125x65x6.0x8.0        71     3304.2     0.04        6.0,  40
   40    [-125x65x6.0x8.0        71     3304.2     0.02        6.0,  40
   41    [-125x65x6.0x8.0        71     3304.2     0.01        6.0,  40
   42    [-125x65x6.0x8.0        72     1906.5     0.00        6.0,  40
   43    [-125x65x6.0x8.0        72     1899.6     0.02        6.0,  40
   44    [-125x65x6.0x8.0        72     1892.7     0.04        6.0,  40
   45    [-125x65x6.0x8.0        72     1885.8     0.06        6.0,  40

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==============================================================================
                        G W  q DTRUSS q W     VERSION 2.1
   FILENAME: LAT211C3.T2              AUTHORITY:  q SONGKHEW q
   PROJECT : LANNA T211C3             ENGINEER: CHANASORN
 H============================================================================

           G W /* SECTION & WELDING */
 W H--------------------------------------------------------------------------
 G Element  Steel  section      (l/r)   (Fa,ksc)   (fa/Fa) Welding, <t,L>mm.
 H--------------------------------------------------------------------------
    46   [-125x65x6.0x8.0        73     1878.9      0.07       6.0,  50
    47   [-125x65x6.0x8.0        73     1872.0      0.09       6.0,  60
    48   [-125x65x6.0x8.0        73     1865.0      0.11       6.0,  70
    49   [-125x65x6.0x8.0        73     1858.0      0.12       6.0,  80
    50   [-125x65x6.0x8.0        73     1851.1      0.14       6.0,  90
    51   [-125x65x6.0x8.0        71     3304.2      0.00       6.0,  40
    52   [-125x65x6.0x8.0        69     3304.2      0.00       6.0,  40
    53   [-125x65x6.0x8.0        98     1133.2      0.35       6.0, 130
    54   [-125x65x6.0x8.0        98     1129.5      0.26       6.0, 100
    55   [-125x65x6.0x8.0        98     1125.8      0.22       6.0,  90
    56   [-125x65x6.0x8.0        98     1122.1      0.18       6.0,  70
    57   [-125x65x6.0x8.0        98     1118.5      0.10       6.0,  40
    58   [-125x65x6.0x8.0        98     1114.8      0.06       6.0,  40
    59   [-125x65x6.0x8.0        99     1111.1      0.02       6.0,  40
    60   [-125x65x6.0x8.0        99     3304.2      0.01       6.0,  40
    61   [-125x65x6.0x8.0        99     3304.2      0.02       6.0,  40
    62   [-125x65x6.0x8.0        99     3304.2      0.03       6.0,  40
    63   [-125x65x6.0x8.0        99     3304.2      0.05       6.0,  50
    64   [-125x65x6.0x8.0        99     3304.2      0.06       6.0,  70
    65   [-125x65x6.0x8.0       100     3304.2      0.07       6.0,  80
    66   [-125x65x6.0x8.0       100     3304.2      0.09       6.0, 100
    67   [-125x65x6.0x8.0       100     3304.2      0.10       6.0, 110
    68   [-125x65x6.0x8.0        83     1560.6      0.02       6.0,  40
    69   [-125x65x6.0x8.0        81     1622.7      0.01       6.0,  40


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