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================================================================================
                          G W  q DTRUSS q W     VERSION 2.1
    FILENAME: LAT209C3.T2                AUTHORITY:  q SONGKHEW q
    PROJECT : LANNA T209C3               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: LAT209C3.T2              AUTHORITY:  q SONGKHEW q
    PROJECT : LANNA T209C3             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          -1.5211e-02            -3.9809e-01
              3          -2.1409e-02            -7.6537e-01
              4          -1.9154e-02            -1.0917e+00
              5          -8.8751e-03            -1.3649e+00
              6           8.4999e-03            -1.5710e+00
              7           3.1927e-02            -1.7085e+00
              8           6.0498e-02            -1.7737e+00
              9           9.3178e-02            -1.7654e+00
             10           1.2880e-01            -1.6845e+00
             11           1.6609e-01            -1.5341e+00
             12           2.0363e-01            -1.3195e+00
             13           2.3990e-01            -1.0483e+00
             14           2.7326e-01            -7.2984e-01
             15           3.0195e-01            -3.7579e-01
             16           3.2409e-01             0.0000e+00
             17           3.2398e-01             1.8346e-01
             18           3.2398e-01             3.6919e-01
             19           3.2629e-01            -7.4833e-04
             20           3.0434e-01            -3.8285e-01
             21           2.7409e-01            -7.5346e-01
             22           2.3913e-01            -1.0819e+00
             23           2.0125e-01            -1.3573e+00
             24           1.6236e-01            -1.5668e+00
             25           1.2446e-01            -1.7064e+00
             26           8.8830e-02            -1.7738e+00
             27           5.6668e-02            -1.7677e+00
             28           2.9036e-02            -1.6889e+00
             29           6.8568e-03            -1.5407e+00
             30          -9.0820e-03            -1.3284e+00
             31          -1.8125e-02            -1.0593e+00
             32          -1.9746e-02            -7.4312e-01
             33          -1.3547e-02            -3.9129e-01
             34           7.4369e-04            -1.7416e-02
             35           1.2012e-02             1.8420e-01
             36           2.2094e-02             3.6927e-01


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================================================================================
                          G W  q DTRUSS q W     VERSION 2.1
     FILENAME: LAT209C3.T2                 AUTHORITY:  q SONGKHEW q
     PROJECT : LANNA T209C3                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        4.5338e+03           132.5
           2          1.42        8.1448e+03           238.0
           3          1.42        1.1161e+04           326.2
           4          1.42        1.3588e+04           397.1
           5          1.42        1.5116e+04           441.7
           6          1.42        1.6068e+04           469.5
           7          1.42        1.6450e+04           480.7
           8          1.42        1.6268e+04           475.4
           9          1.42        1.5528e+04           453.8
          10          1.42        1.4235e+04           416.0
          11          1.42        1.2393e+04           362.2
          12          1.42        1.0009e+04           292.5
          13          1.42        7.0881e+03           207.1
          14          1.42        3.6346e+03           106.2
          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       -4.5330e+03          -132.5
          20          1.42       -8.1432e+03          -238.0
          21          1.42       -1.1159e+04          -326.1
          22          1.42       -1.3586e+04          -397.0
          23          1.42       -1.5113e+04          -441.6
          24          1.42       -1.6065e+04          -469.4
          25          1.42       -1.6447e+04          -480.6
          26          1.42       -1.6265e+04          -475.3
          27          1.42       -1.5525e+04          -453.7
          28          1.42       -1.4232e+04          -415.9
          29          1.42       -1.2391e+04          -362.1
          30          1.42       -1.0007e+04          -292.4
          31          1.42       -7.0867e+03          -207.1
          32          1.42       -3.6339e+03          -106.2
          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        3.9813e+03           232.7
          37          1.38        3.1019e+03           181.3
          38          1.38        2.5353e+03           148.2
          39          1.39        1.9706e+03           115.2
          40          1.39        1.0977e+03            64.2
          41          1.40        5.3765e+02            31.4
          42          1.40       -2.0652e+01            -1.2
          43          1.41       -5.7721e+02           -33.7
          44          1.41       -1.1320e+03           -66.2
          45          1.42       -1.6851e+03           -98.5


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==============================================================================
                         G W  q DTRUSS q W    VERSION 2.1
    FILENAME: LAT209C3.T2              AUTHORITY:  q SONGKHEW q
    PROJECT : LANNA T209C3             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         -2.2366e+03          -130.7
          47          1.43         -2.7863e+03          -162.8
          48          1.43         -3.3344e+03          -194.9
          49          1.44         -3.8808e+03          -226.8
          50          1.44         -4.3455e+03          -254.0
          51          1.39          1.9177e+02            11.2
          52          1.35          2.0292e+01             1.2
          53          1.91         -6.1190e+03          -357.6
          54          1.92         -4.8815e+03          -285.3
          55          1.92         -4.0841e+03          -238.7
          56          1.92         -3.2920e+03          -192.4
          57          1.93         -2.0750e+03          -121.3
          58          1.93         -1.2956e+03           -75.7
          59          1.93         -5.2127e+02           -30.5
          60          1.94          2.4801e+02            14.5
          61          1.94          1.0123e+03            59.2
          62          1.94          1.7717e+03           103.5
          63          1.95          2.5263e+03           147.7
          64          1.95          3.2761e+03           191.5
          65          1.95          4.0212e+03           235.0
          66          1.96          4.7617e+03           278.3
          67          1.96          5.4976e+03           321.3
          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: LAT209C3.T2                AUTHORITY:  q SONGKHEW q
   PROJECT : LANNA T209C3               ENGINEER: CHANASORN
 H============================================================================

        G W /* SUPPORT  REACTION (kg) */
 W H--------------------------------------------------------------------------
 G          Node          X - Force              Y - Force
 H--------------------------------------------------------------------------
            1           4.2824e-04             4.6308e+03
           16           0.0000e+00             4.8403e+03


==============================================================================
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================================================================================
                              G W  q DTRUSS q W    VERSION 2.1
     FILENAME: LAT209C3.T2              AUTHORITY:  q SONGKHEW q
     PROJECT : LANNA T209C3             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,  90
     2   2[-125x65x6.0x8.0        36     3304.2      0.07        6.0, 160
     3   2[-125x65x6.0x8.0        36     3304.2      0.10        6.0, 210
     4   2[-125x65x6.0x8.0        36     3304.2      0.12        6.0, 260
     5   2[-125x65x6.0x8.0        36     3304.2      0.13        6.0, 290
     6   2[-125x65x6.0x8.0        36     3304.2      0.14        6.0, 310
     7   2[-125x65x6.0x8.0        36     3304.2      0.15        6.0, 310
     8   2[-125x65x6.0x8.0        36     3304.2      0.14        6.0, 310
     9   2[-125x65x6.0x8.0        36     3304.2      0.14        6.0, 300
    10   2[-125x65x6.0x8.0        36     3304.2      0.13        6.0, 270
    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, 190
    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,  90
    20   2[-125x65x6.0x8.0        36     2771.8      0.09        6.0, 160
    21   2[-125x65x6.0x8.0        36     2771.8      0.12        6.0, 210
    22   2[-125x65x6.0x8.0        36     2771.8      0.14        6.0, 260
    23   2[-125x65x6.0x8.0        36     2771.8      0.16        6.0, 290
    24   2[-125x65x6.0x8.0        36     2771.8      0.17        6.0, 310
    25   2[-125x65x6.0x8.0        36     2771.8      0.17        6.0, 310
    26   2[-125x65x6.0x8.0        36     2771.8      0.17        6.0, 310
    27   2[-125x65x6.0x8.0        36     2771.8      0.16        6.0, 300
    28   2[-125x65x6.0x8.0        36     2771.8      0.15        6.0, 270
    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, 190
    31   2[-125x65x6.0x8.0        36     2771.8      0.07        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      0.07        6.0,  80
    37    [-125x65x6.0x8.0        70     3304.2      0.05        6.0,  60
    38    [-125x65x6.0x8.0        71     3304.2      0.04        6.0,  50
    39    [-125x65x6.0x8.0        71     3304.2      0.03        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      0.03        6.0,  40
    45    [-125x65x6.0x8.0        72     1885.8      0.05        6.0,  40


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================================================================================
                          G W  q DTRUSS q W    VERSION 2.1
   FILENAME: LAT209C3.T2              AUTHORITY:  q SONGKHEW q
   PROJECT : LANNA T209C3             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     0.10       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     0.32       6.0, 120
     54   [-125x65x6.0x8.0          98    1129.5     0.25       6.0, 100
     55   [-125x65x6.0x8.0          98    1125.8     0.21       6.0,  80
     56   [-125x65x6.0x8.0          98    1122.1     0.17       6.0,  70
     57   [-125x65x6.0x8.0          98    1118.5     0.11       6.0,  40
     58   [-125x65x6.0x8.0          98    1114.8     0.07       6.0,  40
     59   [-125x65x6.0x8.0          99    1111.1     0.03       6.0,  40
     60   [-125x65x6.0x8.0          99    3304.2     0.00       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     0.04       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     0.08       6.0,  90
     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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