```
===============================================================================
                              G W  q DTRUSS q W    VERSION 2.1
     FILENAME: LANAT2~1.T2                AUTHORITY:  q SONGKHEW q
     PROJECT : LANNA T201C3               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: LANAT2~1.T2                  AUTHORITY:  q SONGKHEW q
      PROJECT : LANNA T201C3                 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           -8.8151e-03             -2.2633e-01
               3           -1.2585e-02             -4.3679e-01
               4           -1.1573e-02             -6.2394e-01
               5           -6.0697e-03             -7.8094e-01
               6            3.5480e-03             -9.0248e-01
               7            1.6823e-02             -9.8467e-01
               8            3.3216e-02             -1.0251e+00
               9            5.2113e-02             -1.0226e+00
              10            7.2819e-02             -9.7763e-01
              11            9.4565e-02             -8.9182e-01
              12            1.1651e-01             -7.6816e-01
              13            1.3774e-01             -6.1094e-01
              14            1.5727e-01             -4.2574e-01
              15            1.7403e-01             -2.1936e-01
              16            1.8691e-01              0.0000e+00
              17            1.8684e-01              1.0640e-01
              18            1.8684e-01              2.1432e-01
              19            1.8664e-01             -4.2805e-04
              20            1.7414e-01             -2.1799e-01
              21            1.5704e-01             -4.2999e-01
              22            1.3721e-01             -6.1844e-01
              23            1.1574e-01             -7.7676e-01
              24            9.3656e-02             -8.9961e-01
              25            7.1870e-02             -9.8311e-01
              26            5.1219e-02             -1.0248e+00
              27            3.2448e-02             -1.0237e+00
              28            1.6218e-02             -9.8005e-01
              29            3.1062e-03             -8.9558e-01
              30           -6.3933e-03             -7.7326e-01
              31           -1.1867e-02             -6.1739e-01
              32           -1.2980e-02             -4.3354e-01
              33           -9.4771e-03             -2.2851e-01
              34           -1.1767e-03             -1.0339e-02
              35            5.4073e-03              1.0695e-01
              36            1.1269e-02              2.1440e-01


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===============================================================================
                              G W  q DTRUSS q W    VERSION 2.1
    FILENAME: LANAT2~1.T2                 AUTHORITY:  q SONGKHEW q
    PROJECT : LANNA T201C3                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          2.4932e+03            72.9
         2           1.42          4.5567e+03           133.2
         3           1.42          6.2592e+03           182.9
         4           1.42          7.6043e+03           222.2
         5           1.42          8.5954e+03           251.2
         6           1.42          9.2360e+03           269.9
         7           1.42          9.5295e+03           278.5
         8           1.42          9.4793e+03           277.0
         9           1.42          9.0886e+03           265.6
        10           1.42          8.3607e+03           244.3
        11           1.42          7.2988e+03           213.3
        12           1.42          5.9060e+03           172.6
        13           1.42          4.1856e+03           122.3
        14           1.42          2.1407e+03            62.6
        15           1.42         -2.2586e+02            -6.6
        16           0.84         -6.0614e+01            -1.8
        17           0.83          0.0000e+00             0.0
        18           1.42          0.0000e+00             0.0
        19           1.42         -2.4927e+03           -72.8
        20           1.42         -4.5558e+03          -133.1
        21           1.42         -6.2580e+03          -182.9
        22           1.42         -7.6028e+03          -222.2
        23           1.42         -8.5937e+03          -251.1
        24           1.42         -9.2342e+03          -269.8
        25           1.42         -9.5277e+03          -278.4
        26           1.42         -9.4774e+03          -277.0
        27           1.42         -9.0868e+03          -265.5
        28           1.42         -8.3590e+03          -244.3
        29           1.42         -7.2973e+03          -213.2
        30           1.42         -5.9049e+03          -172.6
        31           1.42         -4.1848e+03          -122.3
        32           1.42         -2.1402e+03           -62.5
        33           0.84          2.2577e+02             6.6
        34           0.84          6.0702e+01             1.8
        35           1.37         -1.1227e+02            -6.6
        36           1.37          2.1796e+03           127.4
        37           1.38          1.7713e+03           103.5
        38           1.38          1.4270e+03            83.4
        39           1.39          1.0839e+03            63.3
        40           1.39          7.4178e+02            43.4
        41           1.40          4.0073e+02            23.4
        42           1.40          6.0717e+01             3.5
        43           1.41         -2.7827e+02           -16.3
        44           1.41         -6.1625e+02           -36.0
        45           1.42         -9.5322e+02           -55.7

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==============================================================================
                         G W  q DTRUSS q W    VERSION 2.1
   FILENAME: LANAT2~1.T2                 AUTHORITY:  q SONGKHEW q
   PROJECT : LANNA T201C3                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        -1.2892e+03           -75.3
          47          1.43        -1.6242e+03           -94.9
          48          1.43        -1.9582e+03          -114.4
          49          1.44        -2.2913e+03          -133.9
          50          1.44        -2.5798e+03          -150.8
          51          1.39         1.4048e+02             8.2
          52          1.35         2.0292e+01             1.2
          53          1.91        -3.3649e+03          -196.7
          54          1.92        -2.7895e+03          -163.0
          55          1.92        -2.3053e+03          -134.7
          56          1.92        -1.8243e+03          -106.6
          57          1.93        -1.3465e+03           -78.7
          58          1.93        -8.7174e+02           -50.9
          59          1.93        -4.0006e+02           -23.4
          60          1.94         6.8599e+01             4.0
          61          1.94         5.3429e+02            31.2
          62          1.94         9.9705e+02            58.3
          63          1.95         1.4569e+03            85.2
          64          1.95         1.9139e+03           111.9
          65          1.95         2.3682e+03           138.4
          66          1.96         2.8196e+03           164.8
          67          1.96         3.2683e+03           191.0
          68          1.63        -3.2093e+02           -18.8
          69          1.59        -1.1523e+02            -6.7


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================================================================================
                            G W  q DTRUSS q W     VERSION 2.1
    FILENAME: LANAT2~1.T2                 AUTHORITY:  q SONGKHEW q
    PROJECT : LANNA T201C3                ENGINEER: CHANASORN
 H==============================================================================

           G W /* SUPPORT  REACTION (kg) */
 W H----------------------------------------------------------------------------
 G         Node           X - Force              Y - Force
 H----------------------------------------------------------------------------
           1           -1.1250e-05            2.5694e+03
          16            0.0000e+00            2.9197e+03


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================================================================================
                          G W  q DTRUSS q W    VERSION 2.1
   FILENAME: LANAT2~1.T2                 AUTHORITY:  q SONGKHEW q
   PROJECT : LANNA T201C3                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    0.02      6.0,  50
     2   2[-125x65x6.0x8.0       36    3304.2    0.04      6.0,  90
     3   2[-125x65x6.0x8.0       36    3304.2    0.06      6.0, 120
     4   2[-125x65x6.0x8.0       36    3304.2    0.07      6.0, 150
     5   2[-125x65x6.0x8.0       36    3304.2    0.08      6.0, 170
     6   2[-125x65x6.0x8.0       36    3304.2    0.08      6.0, 180
     7   2[-125x65x6.0x8.0       36    3304.2    0.08      6.0, 180
     8   2[-125x65x6.0x8.0       36    3304.2    0.08      6.0, 180
     9   2[-125x65x6.0x8.0       36    3304.2    0.08      6.0, 180
    10   2[-125x65x6.0x8.0       36    3304.2    0.07      6.0, 160
    11   2[-125x65x6.0x8.0       36    3304.2    0.06      6.0, 140
    12   2[-125x65x6.0x8.0       36    3304.2    0.05      6.0, 120
    13   2[-125x65x6.0x8.0       36    3304.2    0.04      6.0,  80
    14   2[-125x65x6.0x8.0       36    3304.2    0.02      6.0,  50
    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    0.03      6.0,  50
    20   2[-125x65x6.0x8.0       36    2771.8    0.05      6.0,  90
    21   2[-125x65x6.0x8.0       36    2771.8    0.07      6.0, 120
    22   2[-125x65x6.0x8.0       36    2771.8    0.08      6.0, 150
    23   2[-125x65x6.0x8.0       36    2771.8    0.09      6.0, 170
    24   2[-125x65x6.0x8.0       36    2771.8    0.10      6.0, 180
    25   2[-125x65x6.0x8.0       36    2771.8    0.10      6.0, 180
    26   2[-125x65x6.0x8.0       36    2771.8    0.10      6.0, 180
    27   2[-125x65x6.0x8.0       36    2771.8    0.10      6.0, 170
    28   2[-125x65x6.0x8.0       36    2771.8    0.09      6.0, 160
    29   2[-125x65x6.0x8.0       36    2771.8    0.08      6.0, 140
    30   2[-125x65x6.0x8.0       36    2771.8    0.06      6.0, 120
    31   2[-125x65x6.0x8.0       36    2771.8    0.04      6.0,  80
    32   2[-125x65x6.0x8.0       36    2771.8    0.02      6.0,  50
    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    0.00      6.0,  40
    36    [-125x65x6.0x8.0       70    3304.2    0.04      6.0,  50
    37    [-125x65x6.0x8.0       70    3304.2    0.03      6.0,  40
    38    [-125x65x6.0x8.0       71    3304.2    0.03      6.0,  40
    39    [-125x65x6.0x8.0       71    3304.2    0.02      6.0,  40
    40    [-125x65x6.0x8.0       71    3304.2    0.01      6.0,  40
    41    [-125x65x6.0x8.0       71    3304.2    0.01      6.0,  40
    42    [-125x65x6.0x8.0       72    3304.2    0.00      6.0,  40
    43    [-125x65x6.0x8.0       72    1899.6    0.01      6.0,  40
    44    [-125x65x6.0x8.0       72    1892.7    0.02      6.0,  40
    45    [-125x65x6.0x8.0       72    1885.8    0.03      6.0,  40


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===============================================================================
                        G W  q DTRUSS q W     VERSION 2.1
   FILENAME: LANAT2~1.T2                AUTHORITY:  q SONGKHEW q
   PROJECT : LANNA T201C3               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     0.04      6.0,  40
     47   [-125x65x6.0x8.0        73    1872.0     0.05      6.0,  40
     48   [-125x65x6.0x8.0        73    1865.0     0.06      6.0,  40
     49   [-125x65x6.0x8.0        73    1858.0     0.07      6.0,  50
     50   [-125x65x6.0x8.0        73    1851.1     0.08      6.0,  50
     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     0.17      6.0,  70
     54   [-125x65x6.0x8.0        98    1129.5     0.14      6.0,  60
     55   [-125x65x6.0x8.0        98    1125.8     0.12      6.0,  50
     56   [-125x65x6.0x8.0        98    1122.1     0.10      6.0,  40
     57   [-125x65x6.0x8.0        98    1118.5     0.07      6.0,  40
     58   [-125x65x6.0x8.0        98    1114.8     0.05      6.0,  40
     59   [-125x65x6.0x8.0        99    1111.1     0.02      6.0,  40
     60   [-125x65x6.0x8.0        99    3304.2     0.00      6.0,  40
     61   [-125x65x6.0x8.0        99    3304.2     0.01      6.0,  40
     62   [-125x65x6.0x8.0        99    3304.2     0.02      6.0,  40
     63   [-125x65x6.0x8.0        99    3304.2     0.03      6.0,  40
     64   [-125x65x6.0x8.0        99    3304.2     0.03      6.0,  40
     65   [-125x65x6.0x8.0       100    3304.2     0.04      6.0,  50
     66   [-125x65x6.0x8.0       100    3304.2     0.05      6.0,  60
     67   [-125x65x6.0x8.0       100    3304.2     0.06      6.0,  70
     68   [-125x65x6.0x8.0        83    1560.6     0.01      6.0,  40
     69   [-125x65x6.0x8.0        81    1622.7     0.00      6.0,  40


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