```
================================================================================
                                G W  q DTRUSS q W     VERSION 2.1
  FILENAME: LAT204C3.T2                  AUTHORITY:  q SONGKHEW q
  PROJECT : LANNA T204C3                 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: LAT204C3.T2 AUTHORITY: q SONGKHEW q
PROJECT : LANNA T204C3 ENGINEER: CHANASORN

G W /* NODAL DISPLACEMENT (cm) */

Node	X-Displacement	Y-Displacement
1	0.0000e+00	0.0000e+00
2	-1.6132e-02	-4.3699e-01
3	-2.2161e-02	-8.3390e-01
4	-1.8967e-02	-1.1858e+00
5	-6.9195e-03	-1.4795e+00
6	1.2655e-02	-1.6943e+00
7	3.8338e-02	-1.8350e+00
8	6.9186e-02	-1.8984e+00
9	1.0413e-01	-1.8839e+00
10	1.4198e-01	-1.7930e+00
11	1.8141e-01	-1.6294e+00
12	2.2099e-01	-1.3990e+00
13	2.5915e-01	-1.1097e+00
14	2.9423e-01	-7.7168e-01
15	3.2444e-01	-3.9697e-01
16	3.4787e-01	0.0000e+00
17	3.4776e-01	1.9482e-01
18	3.4776e-01	3.9192e-01
19	3.5423e-01	-7.4833e-04
20	3.3021e-01	-4.1907e-01
21	2.9672e-01	-8.2100e-01
22	2.5832e-01	-1.1750e+00
23	2.1677e-01	-1.4709e+00
24	1.7428e-01	-1.6906e+00
25	1.3347e-01	-1.8334e+00
26	9.5499e-02	-1.8991e+00
27	6.1524e-02	-1.8868e+00
28	3.2574e-02	-1.7980e+00
29	9.5385e-03	-1.6366e+00
30	-6.8290e-03	-1.4084e+00
31	-1.5906e-02	-1.1213e+00
32	-1.7201e-02	-7.8550e-01
33	-1.0347e-02	-4.1302e-01
34	4.8960e-03	-1.7959e-02
35	1.6806e-02	1.9556e-01
36	2.7500e-02	3.9199e-01

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=============================================================================
                                G W  q DTRUSS q W     VERSION 2.1
  FILENAME: LAT204C3.T2                  AUTHORITY:  q SONGKHEW q
  PROJECT : LANNA T204C3                 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         5.2629e+03            153.8
          2           1.42         9.1403e+03            267.1
          3           1.42         1.2421e+04            363.0
          4           1.42         1.5111e+04            441.6
          5           1.42         1.6495e+04            482.0
          6           1.42         1.7305e+04            505.7
          7           1.42         1.7547e+04            512.8
          8           1.42         1.7225e+04            503.4
          9           1.42         1.6345e+04            477.6
         10           1.42         1.4913e+04            435.8
         11           1.42         1.2934e+04            378.0
         12           1.42         1.0414e+04            304.3
         13           1.42         7.3569e+03            215.0
         14           1.42         3.7685e+03            110.1
         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        -5.2619e+03           -153.8
         20           1.42        -9.1385e+03           -267.1
         21           1.42        -1.2419e+04           -362.9
         22           1.42        -1.5108e+04           -441.5
         23           1.42        -1.6492e+04           -481.9
         24           1.42        -1.7302e+04           -505.6
         25           1.42        -1.7543e+04           -512.7
         26           1.42        -1.7221e+04           -503.3
         27           1.42        -1.6342e+04           -477.6
         28           1.42        -1.4910e+04           -435.7
         29           1.42        -1.2932e+04           -377.9
         30           1.42        -1.0412e+04           -304.3
         31           1.42        -7.3555e+03           -214.9
         32           1.42        -3.7678e+03           -110.1
         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         4.6853e+03            273.8
         37           1.38         3.3600e+03            196.4
         38           1.38         2.7926e+03            163.2
         39           1.39         2.2270e+03            130.2
         40           1.39         9.5766e+02             56.0
         41           1.40         3.9805e+02             23.3
         42           1.40        -1.5979e+02             -9.3
         43           1.41        -7.1589e+02            -41.8
         44           1.41        -1.2703e+03            -74.2
         45           1.42        -1.8229e+03           -106.5

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================================================================================
                                  G W  q DTRUSS q W     VERSION 2.1
  FILENAME: LAT204C3.T2                    AUTHORITY:  q SONGKHEW q
  PROJECT : LANNA T204C3                   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        -2.3739e+03           -138.7
         47           1.43        -2.9232e+03           -170.8
         48           1.43        -3.4708e+03           -202.9
         49           1.44        -4.0168e+03           -234.8
         50           1.44        -4.4811e+03           -261.9
         51           1.39         1.9177e+02             11.2
         52           1.35         2.0292e+01              1.2
         53           1.91        -7.1030e+03           -415.1
         54           1.92        -5.2417e+03           -306.4
         55           1.92        -4.4424e+03           -259.6
         56           1.92        -3.6485e+03           -213.2
         57           1.93        -1.8806e+03           -109.9
         58           1.93        -1.1022e+03            -64.4
         59           1.93        -3.2882e+02            -19.2
         60           1.94         4.3949e+02             25.7
         61           1.94         1.2028e+03             70.3
         62           1.94         1.9613e+03            114.6
         63           1.95         2.7149e+03            158.7
         64           1.95         3.4638e+03            202.4
         65           1.95         4.2080e+03            245.9
         66           1.96         4.9476e+03            289.2
         67           1.96         5.6826e+03            332.1
         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: LAT204C3.T2                  AUTHORITY:  q SONGKHEW q
  PROJECT : LANNA T204C3                 ENGINEER: CHANASORN
 H==============================================================================

           G W /* SUPPORT  REACTION (kg) */
 W H------------------------------------------------------------------------------
 G               Node            X - Force              Y - Force
 H------------------------------------------------------------------------------
                  1           4.2760e-05             5.3373e+03
                 16           0.0000e+00             4.9758e+03

================================================================================
```

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================================================================================
                                  G W  q DTRUSS q W     VERSION 2.1
  FILENAME: LAT204C3.T2                   AUTHORITY:  q SONGKHEW q
  PROJECT : LANNA T204C3                  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      0.05        6.0, 100
     2   2[-125x65x6.0x8.0         36     3304.2      0.08        6.0, 180
     3   2[-125x65x6.0x8.0         36     3304.2      0.11        6.0, 240
     4   2[-125x65x6.0x8.0         36     3304.2      0.13        6.0, 290
     5   2[-125x65x6.0x8.0         36     3304.2      0.15        6.0, 310
     6   2[-125x65x6.0x8.0         36     3304.2      0.15        6.0, 330
     7   2[-125x65x6.0x8.0         36     3304.2      0.16        6.0, 330
     8   2[-125x65x6.0x8.0         36     3304.2      0.15        6.0, 330
     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, 250
    12   2[-125x65x6.0x8.0         36     3304.2      0.09        6.0, 200
    13   2[-125x65x6.0x8.0         36     3304.2      0.07        6.0, 140
    14   2[-125x65x6.0x8.0         36     3304.2      0.03        6.0,  80
    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      0.06        6.0, 100
    20   2[-125x65x6.0x8.0         36     2771.8      0.10        6.0, 180
    21   2[-125x65x6.0x8.0         36     2771.8      0.13        6.0, 240
    22   2[-125x65x6.0x8.0         36     2771.8      0.16        6.0, 290
    23   2[-125x65x6.0x8.0         36     2771.8      0.17        6.0, 310
    24   2[-125x65x6.0x8.0         36     2771.8      0.18        6.0, 330
    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, 330
    27   2[-125x65x6.0x8.0         36     2771.8      0.17        6.0, 310
    28   2[-125x65x6.0x8.0         36     2771.8      0.16        6.0, 280
    29   2[-125x65x6.0x8.0         36     2771.8      0.14        6.0, 250
    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,  80
    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,  50
    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: LAT204C3.T2 AUTHORITY: q SONGKHEW q

PROJECT : LANNA T204C3 ENGINEER: CHANASORN

G W /* SECTION & WELDING */

G Element	Steel section	(l/r)	(Fa,ksc)	(fa/Fa)	Welding, <t,L>mm.
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	0.13	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	0.37	6.0, 140
54	[-125x65x6.0x8.0	98	1129.5	0.27	6.0, 100
55	[-125x65x6.0x8.0	98	1125.8	0.23	6.0, 90
56	[-125x65x6.0x8.0	98	1122.1	0.19	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, 60
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