G W q DTRUSS q W   VERSION 2.1
FILENAME: LAT208C3.T2 AUTHORITY: q SONGKHEW q
PROJECT : LANNA T208C3 ENGINEER: CHANASORN

G W /* STEEL WEIGHT */

Material Set	Unit Weight,kg/m.	Total Weight,t.
1	26.876	1.234
2	13.438	0.773

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================================================================================
                                G W  q DTRUSS q W     VERSION 2.1
  FILENAME: LAT208C3.T2                  AUTHORITY:  q SONGKHEW q
  PROJECT : LANNA T208C3                 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             -1.5931e-02             -4.2909e-01
               3             -2.1979e-02             -8.1977e-01
               4             -1.8970e-02             -1.1662e+00
               5             -7.2898e-03             -1.4556e+00
               6              1.1825e-02             -1.6686e+00
               7              3.7035e-02             -1.8086e+00
               8              6.7407e-02             -1.8724e+00
               9              1.0188e-01             -1.8592e+00
              10              1.3926e-01             -1.7704e+00
              11              1.7824e-01             -1.6095e+00
              12              2.1739e-01             -1.3824e+00
              13              2.5516e-01             -1.0969e+00
              14              2.8988e-01             -7.6294e-01
              15              3.1978e-01             -3.9254e-01
              16              3.4293e-01              0.0000e+00
              17              3.4282e-01              1.9244e-01
              18              3.4282e-01              3.8717e-01
              19              3.4846e-01             -7.4833e-04
              20              3.2486e-01             -4.1168e-01
              21              2.9202e-01             -8.0709e-01
              22              2.5433e-01             -1.1557e+00
              23              2.1355e-01             -1.4472e+00
              24              1.7181e-01             -1.6648e+00
              25              1.3162e-01             -1.8069e+00
              26              9.4133e-02             -1.8729e+00
              27              6.0538e-02             -1.8619e+00
              28              3.1865e-02             -1.7752e+00
              29              9.0093e-03             -1.6166e+00
              30             -7.2678e-03             -1.3917e+00
              31             -1.6337e-02             -1.1084e+00
              32             -1.7699e-02             -7.7664e-01
              33             -1.0982e-02             -4.0847e-01
              34              4.0617e-03             -1.7845e-02
              35              1.5838e-02              1.9319e-01
              36              2.6404e-02              3.8724e-01

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=============================================================================
                                G W  q DTRUSS q W     VERSION 2.1
  FILENAME: LAT208C3.T2                  AUTHORITY:  q SONGKHEW q
  PROJECT : LANNA T208C3                 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         5.1219e+03            149.7
          2           1.42         8.9396e+03            261.2
          3           1.42         1.2161e+04            355.4
          4           1.42         1.4792e+04            432.3
          5           1.42         1.6206e+04            473.6
          6           1.42         1.7046e+04            498.1
          7           1.42         1.7317e+04            506.0
          8           1.42         1.7024e+04            497.5
          9           1.42         1.6174e+04            472.6
         10           1.42         1.4771e+04            431.6
         11           1.42         1.2821e+04            374.7
         12           1.42         1.0329e+04            301.8
         13           1.42         7.3006e+03            213.3
         14           1.42         3.7405e+03            109.3
         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        -5.1209e+03           -149.6
         20           1.42        -8.9378e+03           -261.2
         21           1.42        -1.2159e+04           -355.3
         22           1.42        -1.4789e+04           -432.2
         23           1.42        -1.6203e+04           -473.5
         24           1.42        -1.7043e+04           -498.0
         25           1.42        -1.7314e+04           -505.9
         26           1.42        -1.7021e+04           -497.4
         27           1.42        -1.6171e+04           -472.6
         28           1.42        -1.4768e+04           -431.6
         29           1.42        -1.2819e+04           -374.6
         30           1.42        -1.0327e+04           -301.8
         31           1.42        -7.2992e+03           -213.3
         32           1.42        -3.7397e+03           -109.3
         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         4.5492e+03            265.9
         37           1.38         3.3021e+03            193.0
         38           1.38         2.7349e+03            159.8
         39           1.39         2.1695e+03            126.8
         40           1.39         9.8701e+02             57.7
         41           1.40         4.2730e+02             25.0
         42           1.40        -1.3064e+02             -7.6
         43           1.41        -6.8683e+02            -40.1
         44           1.41        -1.2413e+03            -72.5
         45           1.42        -1.7940e+03           -104.9

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================================================================================
                                G W  q DTRUSS q W     VERSION 2.1
  FILENAME: LAT208C3.T2                   AUTHORITY:  q SONGKHEW q
  PROJECT : LANNA T208C3                  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        -2.3451e+03           -137.1
         47           1.43        -2.8945e+03           -169.2
         48           1.43        -3.4422e+03           -201.2
         49           1.44        -3.9883e+03           -233.1
         50           1.44        -4.4527e+03           -260.2
         51           1.39         1.9177e+02             11.2
         52           1.35         2.0292e+01              1.2
         53           1.91        -6.9127e+03           -404.0
         54           1.92        -5.1609e+03           -301.6
         55           1.92        -4.3620e+03           -254.9
         56           1.92        -3.5685e+03           -208.6
         57           1.93        -1.9214e+03           -112.3
         58           1.93        -1.1427e+03            -66.8
         59           1.93        -3.6915e+02            -21.6
         60           1.94         3.9937e+02             23.3
         61           1.94         1.1629e+03             68.0
         62           1.94         1.9216e+03            112.3
         63           1.95         2.6754e+03            156.4
         64           1.95         3.4245e+03            200.1
         65           1.95         4.1689e+03            243.7
         66           1.96         4.9086e+03            286.9
         67           1.96         5.6438e+03            329.9
         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: LAT208C3.T2                  AUTHORITY:  q SONGKHEW q
  PROJECT : LANNA T208C3                 ENGINEER: CHANASORN
 H==============================================================================

           G W /* SUPPORT  REACTION (kg) */
 W H------------------------------------------------------------------------------
 G               Node            X - Force              Y - Force
 H------------------------------------------------------------------------------
                  1           3.6549e-05             5.2007e+03
                 16           0.0000e+00             4.9474e+03

================================================================================
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================================================================================
                                  G W  q DTRUSS q W     VERSION 2.1
  FILENAME: LAT208C3.T2                   AUTHORITY:  q SONGKHEW q
  PROJECT : LANNA T208C3                  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, 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, 310
     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      0.16        6.0, 280
    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, 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      0.16        6.0, 280
    29   2[-125x65x6.0x8.0         36     2771.8      0.14        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,  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: LAT208C3.T2 AUTHORITY: q SONGKHEW q

PROJECT : LANNA T208C3 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	0.36	6.0, 130
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