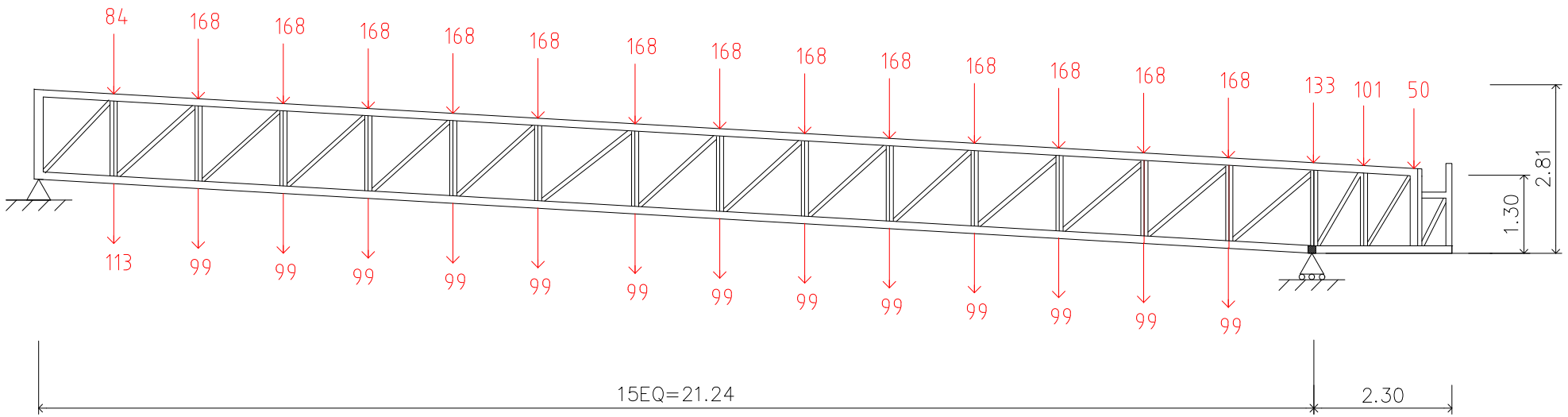
84
168
168
168
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168
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168
168
133
101
50
113
99
99
99
99
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99
99
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99
99
99
99
1.30
2.81
15EQ=21.24
2.30

T2-01-C3

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

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

G W /* NODAL DISPLACEMENT (cm) */

Node	X-Displacement	Y-Displacement
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

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

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

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

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

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

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

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

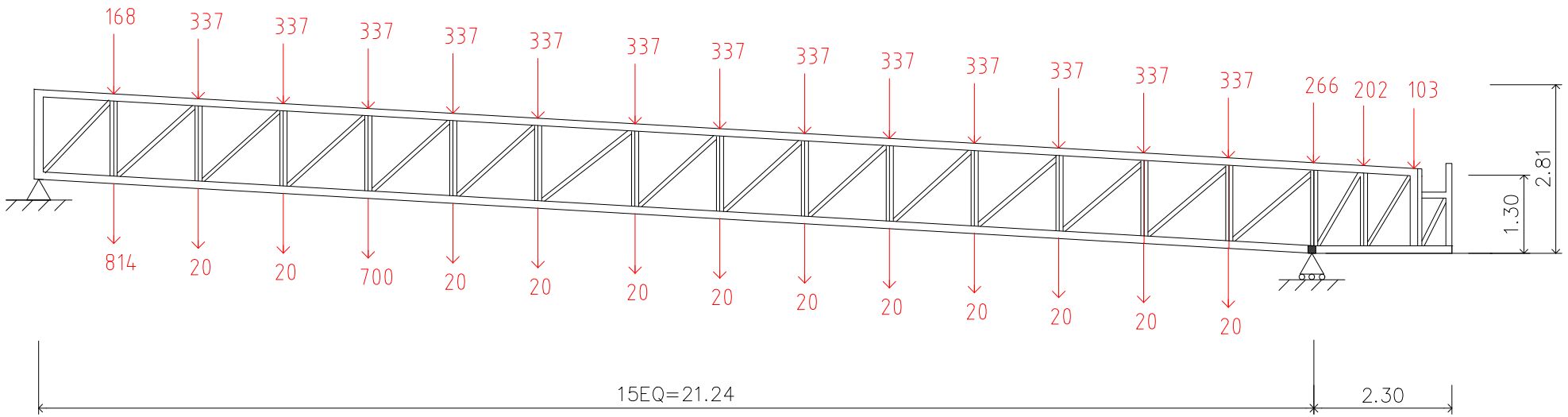
G W /* SECTION & WELDING */

Element	Steel section	(l/r)	(Fa,ksc)	(fa/Fa)	Welding, <t,L>mm.
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

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

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


168
337
337
337
337
337
337
337
337
337
337
337
337
337
266
202
103
814
20
20
700
20
20
20
20
20
20
20
20
20
20
2.81
1.30
15EQ=21.24
2.30

T2-02-C3

G W q DTRUSS q W   VERSION 2.1
FILENAME: LAT202C3.T2 AUTHORITY: q SONGKHEW q
PROJECT : LANNA T202C3 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

```
================================================================================
                                G W  q DTRUSS q W     VERSION 2.1
  FILENAME: LAT202C3.T2                  AUTHORITY:  q SONGKHEW q
  PROJECT : LANNA T202C3                 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             -1.5886e-02             -4.2902e-01
               3             -2.1887e-02             -8.1902e-01
               4             -1.8866e-02             -1.1648e+00
               5             -7.2110e-03             -1.4535e+00
               6              1.1859e-02             -1.6663e+00
               7              3.7024e-02             -1.8062e+00
               8              6.7350e-02             -1.8700e+00
               9              1.0177e-01             -1.8569e+00
              10              1.3911e-01             -1.7683e+00
              11              1.7805e-01             -1.6077e+00
              12              2.1716e-01             -1.3808e+00
              13              2.5489e-01             -1.0957e+00
              14              2.8958e-01             -7.6212e-01
              15              3.1944e-01             -3.9213e-01
              16              3.4257e-01              0.0000e+00
              17              3.4246e-01              1.9222e-01
              18              3.4246e-01              3.8673e-01
              19              3.4812e-01             -7.4833e-04
              20              3.2452e-01             -4.1154e-01
              21              2.9168e-01             -8.0641e-01
              22              2.5402e-01             -1.1543e+00
              23              2.1330e-01             -1.4452e+00
              24              1.7165e-01             -1.6625e+00
              25              1.3152e-01             -1.8045e+00
              26              9.4086e-02             -1.8705e+00
              27              6.0531e-02             -1.8596e+00
              28              3.1888e-02             -1.7731e+00
              29              9.0522e-03             -1.6147e+00
              30             -7.2140e-03             -1.3901e+00
              31             -1.6281e-02             -1.1072e+00
              32             -1.7648e-02             -7.7581e-01
              33             -1.0943e-02             -4.0805e-01
              34              4.0827e-03             -1.7833e-02
              35              1.5846e-02              1.9297e-01
              36              2.6400e-02              3.8680e-01

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

```
================================================================================
                                G W  q DTRUSS q W     VERSION 2.1
  FILENAME: LAT202C3.T2                   AUTHORITY:  q SONGKHEW q
  PROJECT : LANNA T202C3                  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         5.1424e+03            150.3
          2           1.42         8.9424e+03            261.3
          3           1.42         1.2146e+04            354.9
          4           1.42         1.4760e+04            431.3
          5           1.42         1.6177e+04            472.7
          6           1.42         1.7020e+04            497.4
          7           1.42         1.7294e+04            505.4
          8           1.42         1.7004e+04            496.9
          9           1.42         1.6157e+04            472.1
         10           1.42         1.4757e+04            431.2
         11           1.42         1.2810e+04            374.3
         12           1.42         1.0321e+04            301.6
         13           1.42         7.2949e+03            213.2
         14           1.42         3.7376e+03            109.2
         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        -5.1414e+03           -150.2
         20           1.42        -8.9406e+03           -261.3
         21           1.42        -1.2144e+04           -354.9
         22           1.42        -1.4757e+04           -431.2
         23           1.42        -1.6174e+04           -472.6
         24           1.42        -1.7017e+04           -497.3
         25           1.42        -1.7290e+04           -505.3
         26           1.42        -1.7001e+04           -496.8
         27           1.42        -1.6154e+04           -472.0
         28           1.42        -1.4754e+04           -431.1
         29           1.42        -1.2807e+04           -374.3
         30           1.42        -1.0319e+04           -301.5
         31           1.42        -7.2935e+03           -213.1
         32           1.42        -3.7369e+03           -109.2
         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         4.5690e+03            267.0
         37           1.38         3.2850e+03            192.0
         38           1.38         2.7178e+03            158.8
         39           1.39         2.1525e+03            125.8
         40           1.39         9.8997e+02             57.9
         41           1.40         4.3025e+02             25.1
         42           1.40        -1.2769e+02             -7.5
         43           1.41        -6.8390e+02            -40.0
         44           1.41        -1.2384e+03            -72.4
         45           1.42        -1.7911e+03           -104.7

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

```
================================================================================
                                G W  q DTRUSS q W     VERSION 2.1
  FILENAME: LAT202C3.T2                   AUTHORITY:  q SONGKHEW q
  PROJECT : LANNA T202C3                  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        -2.3422e+03           -136.9
         47           1.43        -2.8916e+03           -169.0
         48           1.43        -3.4393e+03           -201.0
         49           1.44        -3.9854e+03           -232.9
         50           1.44        -4.4498e+03           -260.1
         51           1.39         1.9177e+02             11.2
         52           1.35         2.0292e+01              1.2
         53           1.91        -6.9404e+03           -405.6
         54           1.92        -5.1370e+03           -300.2
         55           1.92        -4.3382e+03           -253.5
         56           1.92        -3.5448e+03           -207.2
         57           1.93        -1.9255e+03           -112.5
         58           1.93        -1.1468e+03            -67.0
         59           1.93        -3.7322e+02            -21.8
         60           1.94         3.9532e+02             23.1
         61           1.94         1.1589e+03             67.7
         62           1.94         1.9176e+03            112.1
         63           1.95         2.6714e+03            156.1
         64           1.95         3.4205e+03            199.9
         65           1.95         4.1649e+03            243.4
         66           1.96         4.9047e+03            286.7
         67           1.96         5.6399e+03            329.6
         68           1.63        -4.9287e+02            -28.8
         69           1.59        -1.7554e+02            -10.3

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

```
=============================================================================
                                G W  q DTRUSS q W     VERSION 2.1
  FILENAME: LAT202C3.T2                  AUTHORITY:  q SONGKHEW q
  PROJECT : LANNA T202C3                 ENGINEER: CHANASORN
 H===========================================================================

           G W /* SUPPORT  REACTION (kg) */
 W H---------------------------------------------------------------------------
 G               Node            X - Force              Y - Force
 H-----------------------------------------------------------------------------
                  1           -2.6474e-04             5.2205e+03
                 16            0.0000e+00             4.9446e+03

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

G W q DTRUSS q W   VERSION 2.1
FILENAME: LAT202C3.T2 AUTHORITY: q SONGKHEW q
PROJECT : LANNA T202C3 ENGINEER: CHANASORN

G W /* SECTION & WELDING */

Element	Steel section	(l/r)	(Fa,ksc)	(fa/Fa)	Welding, <t,L>mm.
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: LAT202C3.T2                   AUTHORITY:  q SONGKHEW q
  PROJECT : LANNA T202C3                  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      0.13        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      0.18        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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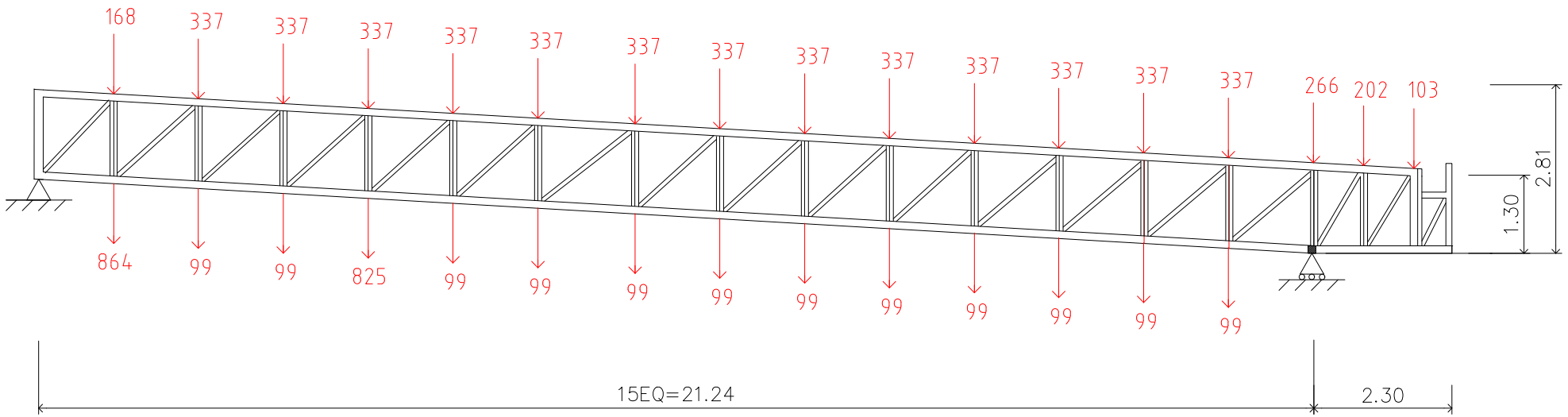

168
337
337
337
337
337
337
337
337
337
337
337
337
337
266
202
103
2.81
1.30
864
99
99
825
99
99
99
99
99
99
99
99
99
99
15EQ=21.24
2.30

T2-03-C3

G W q DTRUSS q W   VERSION 2.1
FILENAME: LAT203C3.T2 AUTHORITY: q SONGKHEW q
PROJECT : LANNA T203C3 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

```
================================================================================
                                G W  q DTRUSS q W     VERSION 2.1
  FILENAME: LAT203C3.T2                  AUTHORITY:  q SONGKHEW q
  PROJECT : LANNA T203C3                 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             -1.6173e-02             -4.3840e-01
               3             -2.2205e-02             -8.3649e-01
               4             -1.8979e-02             -1.1894e+00
               5             -6.8642e-03             -1.4840e+00
               6              1.2798e-02             -1.6992e+00
               7              3.8570e-02             -1.8400e+00
               8              6.9509e-02             -1.9034e+00
               9              1.0454e-01             -1.8886e+00
              10              1.4248e-01             -1.7973e+00
              11              1.8200e-01             -1.6332e+00
              12              2.2165e-01             -1.4021e+00
              13              2.5989e-01             -1.1122e+00
              14              2.9504e-01             -7.7334e-01
              15              3.2531e-01             -3.9781e-01
              16              3.4879e-01              0.0000e+00
              17              3.4868e-01              1.9527e-01
              18              3.4868e-01              3.9282e-01
              19              3.5530e-01             -7.4833e-04
              20              3.3120e-01             -4.2039e-01
              21              2.9759e-01             -8.2355e-01
              22              2.5906e-01             -1.1786e+00
              23              2.1737e-01             -1.4753e+00
              24              1.7474e-01             -1.6955e+00
              25              1.3382e-01             -1.8384e+00
              26              9.5747e-02             -1.9040e+00
              27              6.1700e-02             -1.8915e+00
              28              3.2697e-02             -1.8023e+00
              29              9.6266e-03             -1.6404e+00
              30             -6.7583e-03             -1.4116e+00
              31             -1.5837e-02             -1.1238e+00
              32             -1.7119e-02             -7.8718e-01
              33             -1.0240e-02             -4.1387e-01
              34              5.0409e-03             -1.7980e-02
              35              1.6977e-02              1.9601e-01
              36              2.7695e-02              3.9289e-01

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

```
=============================================================================
                                G W  q DTRUSS q W     VERSION 2.1
  FILENAME: LAT203C3.T2                  AUTHORITY:  q SONGKHEW q
  PROJECT : LANNA T203C3                 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         5.2852e+03            154.4
          2           1.42         9.1755e+03            268.1
          3           1.42         1.2469e+04            364.4
          4           1.42         1.5172e+04            443.4
          5           1.42         1.6550e+04            483.6
          6           1.42         1.7355e+04            507.2
          7           1.42         1.7590e+04            514.0
          8           1.42         1.7263e+04            504.5
          9           1.42         1.6378e+04            478.6
         10           1.42         1.4940e+04            436.6
         11           1.42         1.2956e+04            378.6
         12           1.42         1.0430e+04            304.8
         13           1.42         7.3676e+03            215.3
         14           1.42         3.7739e+03            110.3
         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        -5.2841e+03           -154.4
         20           1.42        -9.1737e+03           -268.1
         21           1.42        -1.2467e+04           -364.3
         22           1.42        -1.5169e+04           -443.3
         23           1.42        -1.6547e+04           -483.6
         24           1.42        -1.7351e+04           -507.1
         25           1.42        -1.7587e+04           -513.9
         26           1.42        -1.7260e+04           -504.4
         27           1.42        -1.6375e+04           -478.5
         28           1.42        -1.4937e+04           -436.5
         29           1.42        -1.2953e+04           -378.5
         30           1.42        -1.0428e+04           -304.7
         31           1.42        -7.3662e+03           -215.3
         32           1.42        -3.7731e+03           -110.3
         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         4.7069e+03            275.1
         37           1.38         3.3725e+03            197.1
         38           1.38         2.8051e+03            163.9
         39           1.39         2.2394e+03            130.9
         40           1.39         9.5208e+02             55.6
         41           1.40         3.9249e+02             22.9
         42           1.40        -1.6534e+02             -9.7
         43           1.41        -7.2141e+02            -42.2
         44           1.41        -1.2758e+03            -74.6
         45           1.42        -1.8284e+03           -106.9

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

```
                                    G W  q DTRUSS q W     VERSION 2.1
  FILENAME: LAT203C3.T2                    AUTHORITY:  q SONGKHEW q
  PROJECT : LANNA T203C3                   ENGINEER: CHANASORN
```

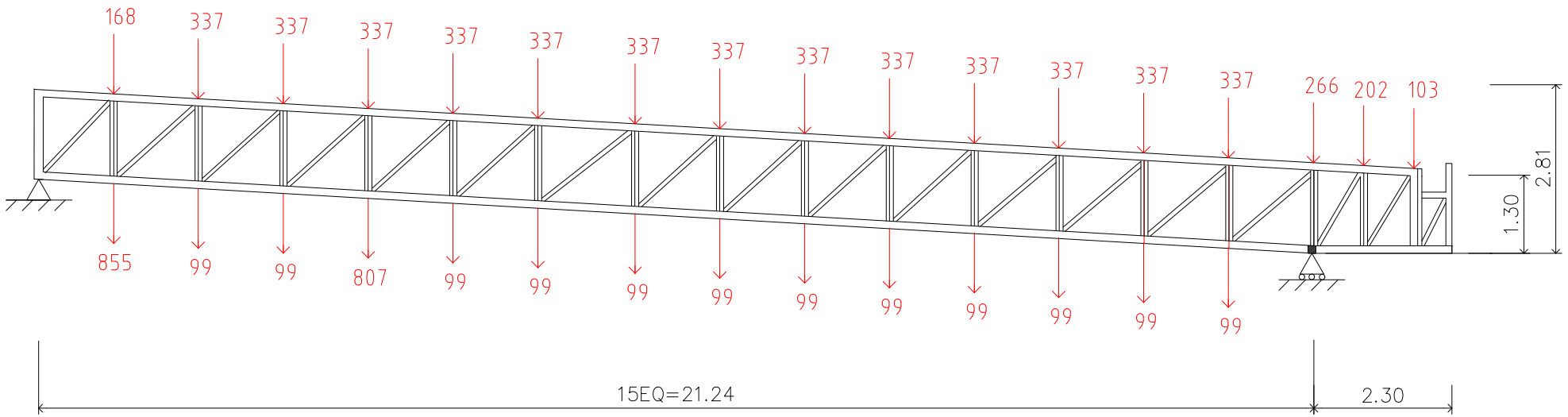
G W /* ELEMENT FORCE (Own weight inc.) */

Element	Length,m.	Force,kg(P)	Stress,ksc(fa)
46	1.42	-2.3793e+03	-139.1
47	1.43	-2.9286e+03	-171.2
48	1.43	-3.4762e+03	-203.2
49	1.44	-4.0222e+03	-235.1
50	1.44	-4.4865e+03	-262.2
51	1.39	1.9177e+02	11.2
52	1.35	2.0292e+01	1.2
53	1.91	-7.1331e+03	-416.9
54	1.92	-5.2591e+03	-307.4
55	1.92	-4.4598e+03	-260.7
56	1.92	-3.6658e+03	-214.2
57	1.93	-1.8729e+03	-109.5
58	1.93	-1.0945e+03	-64.0
59	1.93	-3.2115e+02	-18.8
60	1.94	4.4712e+02	26.1
61	1.94	1.2104e+03	70.7
62	1.94	1.9689e+03	115.1
63	1.95	2.7225e+03	159.1
64	1.95	3.4713e+03	202.9
65	1.95	4.2155e+03	246.4
66	1.96	4.9550e+03	289.6
67	1.96	5.6899e+03	332.5
68	1.63	-4.9287e+02	-28.8
69	1.59	-1.7554e+02	-10.3

```
=============================================================================
                                G W  q DTRUSS q W     VERSION 2.1
  FILENAME: LAT203C3.T2                  AUTHORITY:  q SONGKHEW q
  PROJECT : LANNA T203C3                 ENGINEER: CHANASORN
 H===========================================================================

           G W /* SUPPORT  REACTION (kg) */
 W H---------------------------------------------------------------------------
 G               Node            X - Force              Y - Force
 H-----------------------------------------------------------------------------
                  1           -2.8254e-05             5.3589e+03
                 16            0.0000e+00             4.9812e+03

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

```
================================================================================
                                  G W  q DTRUSS q W     VERSION 2.1
  FILENAME: LAT203C3.T2                   AUTHORITY:  q SONGKHEW q
  PROJECT : LANNA T203C3                  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      0.19        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      0.01        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

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

```
================================================================================
                                  G W  q DTRUSS q W     VERSION 2.1
  FILENAME: LAT203C3.T2                   AUTHORITY:  q SONGKHEW q
  PROJECT : LANNA T203C3                  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      0.13        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

================================================================================
```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337
337
266
202
103
855
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99
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99
99
99
99
99
99
99
99
2.81
1.30
15EQ=21.24
2.30

T2-04-C3

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

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

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

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

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

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

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

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

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

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

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

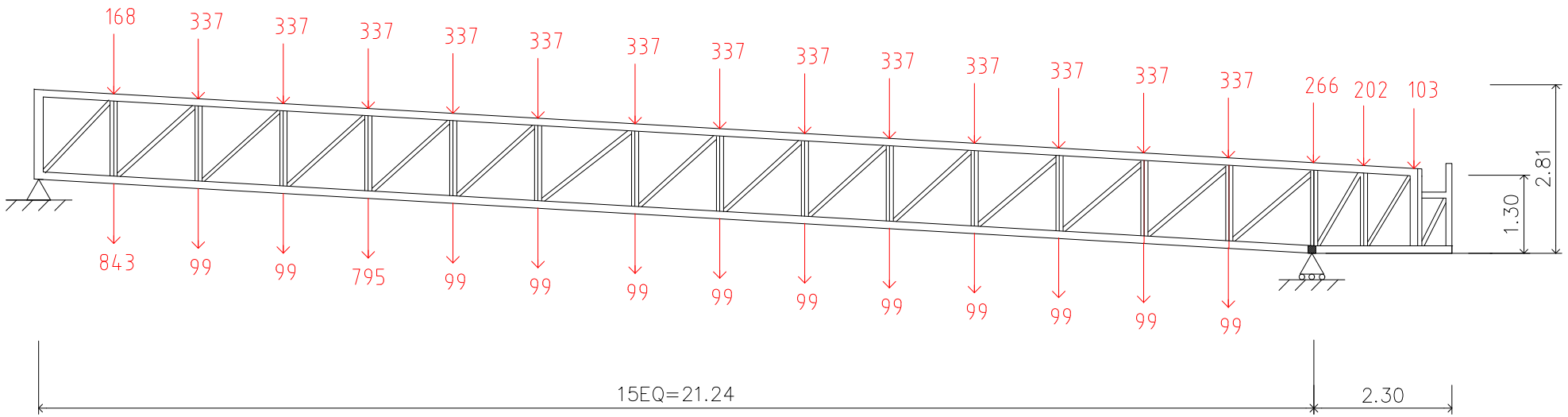
G W q DTRUSS q W VERSION 2.1

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


168
337
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337
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337
337
266
202
103
843
99
99
795
99
99
99
99
99
99
99
99
99
99
2.81
1.30
15EQ=21.24
2.30

T2-05-C3

```
================================================================================
                                G W  q DTRUSS q W     VERSION 2.1
  FILENAME: LAT205C3.T2                   AUTHORITY:  q SONGKHEW q
  PROJECT : LANNA T205C3                  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

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

G W q DTRUSS q W VERSION 2.1
FILENAME: LAT205C3.T2 AUTHORITY: q SONGKHEW q
PROJECT : LANNA T205C3 ENGINEER: CHANASORN

G W /* NODAL DISPLACEMENT (cm) */

Node	X-Displacement	Y-Displacement
1	0.0000e+00	0.0000e+00
2	-1.6104e-02	-4.3586e-01
3	-2.2137e-02	-8.3189e-01
4	-1.8969e-02	-1.1830e+00
5	-6.9743e-03	-1.4761e+00
6	1.2536e-02	-1.6907e+00
7	3.8151e-02	-1.8313e+00
8	6.8933e-02	-1.8948e+00
9	1.0381e-01	-1.8805e+00
10	1.4159e-01	-1.7898e+00
11	1.8096e-01	-1.6266e+00
12	2.2048e-01	-1.3967e+00
13	2.5859e-01	-1.1079e+00
14	2.9362e-01	-7.7045e-01
15	3.2378e-01	-3.9635e-01
16	3.4717e-01	0.0000e+00
17	3.4706e-01	1.9448e-01
18	3.4706e-01	3.9125e-01
19	3.5341e-01	-7.4833e-04
20	3.2945e-01	-4.1801e-01
21	2.9605e-01	-8.1902e-01
22	2.5775e-01	-1.1723e+00
23	2.1632e-01	-1.4675e+00
24	1.7393e-01	-1.6870e+00
25	1.3321e-01	-1.8297e+00
26	9.5305e-02	-1.8954e+00
27	6.1383e-02	-1.8832e+00
28	3.2472e-02	-1.7948e+00
29	9.4618e-03	-1.6338e+00
30	-6.8930e-03	-1.4060e+00
31	-1.5969e-02	-1.1195e+00
32	-1.7273e-02	-7.8425e-01
33	-1.0439e-02	-4.1237e-01
34	4.7761e-03	-1.7943e-02
35	1.6668e-02	1.9523e-01
36	2.7343e-02	3.9132e-01

```
=============================================================================
                                G W  q DTRUSS q W     VERSION 2.1
  FILENAME: LAT205C3.T2                   AUTHORITY:  q SONGKHEW q
  PROJECT : LANNA T205C3                  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         5.2422e+03            153.2
          2           1.42         9.1115e+03            266.3
          3           1.42         1.2384e+04            361.9
          4           1.42         1.5066e+04            440.3
          5           1.42         1.6455e+04            480.9
          6           1.42         1.7269e+04            504.6
          7           1.42         1.7514e+04            511.8
          8           1.42         1.7197e+04            502.5
          9           1.42         1.6321e+04            476.9
         10           1.42         1.4893e+04            435.2
         11           1.42         1.2918e+04            377.5
         12           1.42         1.0402e+04            304.0
         13           1.42         7.3490e+03            214.8
         14           1.42         3.7646e+03            110.0
         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        -5.2412e+03           -153.2
         20           1.42        -9.1097e+03           -266.2
         21           1.42        -1.2382e+04           -361.8
         22           1.42        -1.5063e+04           -440.2
         23           1.42        -1.6452e+04           -480.8
         24           1.42        -1.7266e+04           -504.5
         25           1.42        -1.7511e+04           -511.7
         26           1.42        -1.7193e+04           -502.4
         27           1.42        -1.6318e+04           -476.9
         28           1.42        -1.4890e+04           -435.1
         29           1.42        -1.2916e+04           -377.4
         30           1.42        -1.0400e+04           -303.9
         31           1.42        -7.3475e+03           -214.7
         32           1.42        -3.7639e+03           -110.0
         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         4.6654e+03            272.7
         37           1.38         3.3521e+03            195.9
         38           1.38         2.7848e+03            162.8
         39           1.39         2.2192e+03            129.7
         40           1.39         9.6179e+02             56.2
         41           1.40         4.0217e+02             23.5
         42           1.40        -1.5569e+02             -9.1
         43           1.41        -7.1180e+02            -41.6
         44           1.41        -1.2662e+03            -74.0
         45           1.42        -1.8188e+03           -106.3

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

```
                                  G W  q DTRUSS q W     VERSION 2.1
  FILENAME: LAT205C3.T2                    AUTHORITY:  q SONGKHEW q
  PROJECT : LANNA T205C3                   ENGINEER: CHANASORN
```

G W /* ELEMENT FORCE (Own weight inc.) */

Element	Length,m.	Force,kg(P)	Stress,ksc(fa)
46	1.42	-2.3698e+03	-138.5
47	1.43	-2.9191e+03	-170.6
48	1.43	-3.4668e+03	-202.6
49	1.44	-4.0128e+03	-234.5
50	1.44	-4.4771e+03	-261.7
51	1.39	1.9177e+02	11.2
52	1.35	2.0292e+01	1.2
53	1.91	-7.0751e+03	-413.5
54	1.92	-5.2307e+03	-305.7
55	1.92	-4.4315e+03	-259.0
56	1.92	-3.6376e+03	-212.6
57	1.93	-1.8864e+03	-110.2
58	1.93	-1.1079e+03	-64.8
59	1.93	-3.3450e+02	-19.5
60	1.94	4.3384e+02	25.4
61	1.94	1.1972e+03	70.0
62	1.94	1.9557e+03	114.3
63	1.95	2.7094e+03	158.4
64	1.95	3.4583e+03	202.1
65	1.95	4.2025e+03	245.6
66	1.96	4.9421e+03	288.8
67	1.96	5.6771e+03	331.8
68	1.63	-4.9287e+02	-28.8
69	1.59	-1.7554e+02	-10.3

```
================================================================================
                                G W  q DTRUSS q W     VERSION 2.1
  FILENAME: LAT205C3.T2                   AUTHORITY:  q SONGKHEW q
  PROJECT : LANNA T205C3                  ENGINEER: CHANASORN
 H==============================================================================

           G W /* SUPPORT  REACTION (kg) */
 W H------------------------------------------------------------------------------
 G               Node            X - Force              Y - Force
 H------------------------------------------------------------------------------
                  1           3.2477e-04             5.3173e+03
                 16           0.0000e+00             4.9718e+03

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

```
=============================================================================
                                G W  q DTRUSS q W     VERSION 2.1
  FILENAME: LAT205C3.T2                  AUTHORITY:  q SONGKHEW q
  PROJECT : LANNA T205C3                 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      0.15        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      0.06        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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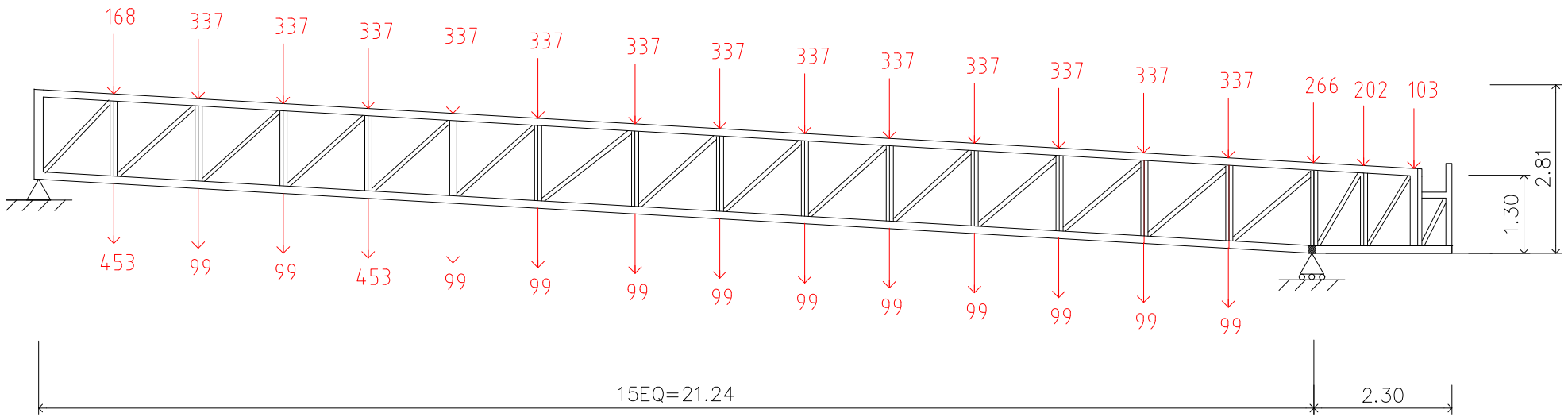
================================================================================
                                  G W  q DTRUSS q W     VERSION 2.1
  FILENAME: LAT205C3.T2                   AUTHORITY:  q SONGKHEW q
  PROJECT : LANNA T205C3                  ENGINEER: CHANASORN
 H===============================================================================

                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      0.13        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, 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

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


168
337
337
337
337
337
337
337
337
337
337
337
337
337
266
202
103
453
99
99
453
99
99
99
99
99
99
99
99
99
99
2.81
1.30
15EQ=21.24
2.30

T2-06-C3

```
================================================================================
                                G W  q DTRUSS q W     VERSION 2.1
  FILENAME: LAT206C3.T2                  AUTHORITY:  q SONGKHEW q
  PROJECT : LANNA T206C3                 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

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

G W q DTRUSS q W   VERSION 2.1
FILENAME: LAT206C3.T2 AUTHORITY: q SONGKHEW q
PROJECT : LANNA T206C3 ENGINEER: CHANASORN

G W /* NODAL DISPLACEMENT (cm) */

Node	X-Displacement	Y-Displacement
1	0.0000e+00	0.0000e+00
2	-1.5311e-02	-4.0213e-01
3	-2.1496e-02	-7.7255e-01
4	-1.9144e-02	-1.1016e+00
5	-8.6788e-03	-1.3770e+00
6	8.9286e-03	-1.5840e+00
7	3.2594e-02	-1.7219e+00
8	6.1406e-02	-1.7869e+00
9	9.4325e-02	-1.7779e+00
10	1.3019e-01	-1.6959e+00
11	1.6770e-01	-1.5442e+00
12	2.0546e-01	-1.3279e+00
13	2.4193e-01	-1.0548e+00
14	2.7547e-01	-7.3426e-01
15	3.0432e-01	-3.7803e-01
16	3.2659e-01	0.0000e+00
17	3.2649e-01	1.8466e-01
18	3.2649e-01	3.7159e-01
19	3.2922e-01	-7.4833e-04
20	3.0706e-01	-3.8663e-01
21	2.7647e-01	-7.6054e-01
22	2.4115e-01	-1.0917e+00
23	2.0288e-01	-1.3693e+00
24	1.6361e-01	-1.5798e+00
25	1.2541e-01	-1.7198e+00
26	8.9527e-02	-1.7871e+00
27	5.7173e-02	-1.7803e+00
28	2.9402e-02	-1.7005e+00
29	7.1317e-03	-1.5509e+00
30	-8.8526e-03	-1.3368e+00
31	-1.7899e-02	-1.0659e+00
32	-1.9486e-02	-7.4760e-01
33	-1.3218e-02	-3.9359e-01
34	1.1733e-03	-1.7473e-02
35	1.2510e-02	1.8540e-01
36	2.2656e-02	3.7167e-01

```
=============================================================================
                                G W  q DTRUSS q W     VERSION 2.1
  FILENAME: LAT206C3.T2                  AUTHORITY:  q SONGKHEW q
  PROJECT : LANNA T206C3                 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         4.6078e+03            134.7
          2           1.42         8.2480e+03            241.0
          3           1.42         1.1293e+04            330.0
          4           1.42         1.3749e+04            401.8
          5           1.42         1.5261e+04            446.0
          6           1.42         1.6199e+04            473.4
          7           1.42         1.6566e+04            484.1
          8           1.42         1.6370e+04            478.4
          9           1.42         1.5615e+04            456.3
         10           1.42         1.4306e+04            418.1
         11           1.42         1.2451e+04            363.8
         12           1.42         1.0052e+04            293.8
         13           1.42         7.1165e+03            208.0
         14           1.42         3.6488e+03            106.6
         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        -4.6069e+03           -134.6
         20           1.42        -8.2464e+03           -241.0
         21           1.42        -1.1291e+04           -330.0
         22           1.42        -1.3747e+04           -401.7
         23           1.42        -1.5259e+04           -445.9
         24           1.42        -1.6195e+04           -473.3
         25           1.42        -1.6563e+04           -484.0
         26           1.42        -1.6366e+04           -478.3
         27           1.42        -1.5612e+04           -456.2
         28           1.42        -1.4304e+04           -418.0
         29           1.42        -1.2448e+04           -363.8
         30           1.42        -1.0050e+04           -293.7
         31           1.42        -7.1152e+03           -207.9
         32           1.42        -3.6480e+03           -106.6
         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         4.0527e+03            236.9
         37           1.38         3.1302e+03            182.9
         38           1.38         2.5635e+03            149.8
         39           1.39         1.9987e+03            116.8
         40           1.39         1.0829e+03             63.3
         41           1.40         5.2289e+02             30.6
         42           1.40        -3.5367e+01             -2.1
         43           1.41        -5.9188e+02            -34.6
         44           1.41        -1.1467e+03            -67.0
         45           1.42        -1.6997e+03            -99.3

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

```
                                    G W  q DTRUSS q W     VERSION 2.1
  FILENAME: LAT206C3.T2                    AUTHORITY:  q SONGKHEW q
  PROJECT : LANNA T206C3                   ENGINEER: CHANASORN
```

G W /* ELEMENT FORCE (Own weight inc.) */

Element	Length,m.	Force,kg(P)	Stress,ksc(fa)
46	1.42	-2.2511e+03	-131.6
47	1.43	-2.8008e+03	-163.7
48	1.43	-3.3488e+03	-195.7
49	1.44	-3.8952e+03	-227.7
50	1.44	-4.3599e+03	-254.8
51	1.39	1.9177e+02	11.2
52	1.35	2.0292e+01	1.2
53	1.91	-6.2188e+03	-363.5
54	1.92	-4.9210e+03	-287.6
55	1.92	-4.1234e+03	-241.0
56	1.92	-3.3311e+03	-194.7
57	1.93	-2.0545e+03	-120.1
58	1.93	-1.2751e+03	-74.5
59	1.93	-5.0091e+02	-29.3
60	1.94	2.6826e+02	15.7
61	1.94	1.0325e+03	60.3
62	1.94	1.7918e+03	104.7
63	1.95	2.5462e+03	148.8
64	1.95	3.2960e+03	192.6
65	1.95	4.0410e+03	236.2
66	1.96	4.7813e+03	279.4
67	1.96	5.5171e+03	322.5
68	1.63	-4.9287e+02	-28.8
69	1.59	-1.7554e+02	-10.3

```
================================================================================
                                G W  q DTRUSS q W     VERSION 2.1
  FILENAME: LAT206C3.T2                  AUTHORITY:  q SONGKHEW q
  PROJECT : LANNA T206C3                 ENGINEER: CHANASORN
 H==============================================================================

           G W /* SUPPORT  REACTION (kg) */
 W H------------------------------------------------------------------------------
 G               Node            X - Force              Y - Force
 H------------------------------------------------------------------------------
                  1           -9.4025e-05             4.7025e+03
                 16            0.0000e+00             4.8546e+03

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

```
================================================================================
                                  G W  q DTRUSS q W     VERSION 2.1
  FILENAME: LAT206C3.T2                   AUTHORITY:  q SONGKHEW q
  PROJECT : LANNA T206C3                  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, 220
     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, 220
    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      0.08        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      0.07        6.0,  80
    37   [-125x65x6.0x8.0          70     3304.2      0.06        6.0,  60
    38   [-125x65x6.0x8.0          71     3304.2      0.05        6.0,  50
    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      0.05        6.0,  40

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

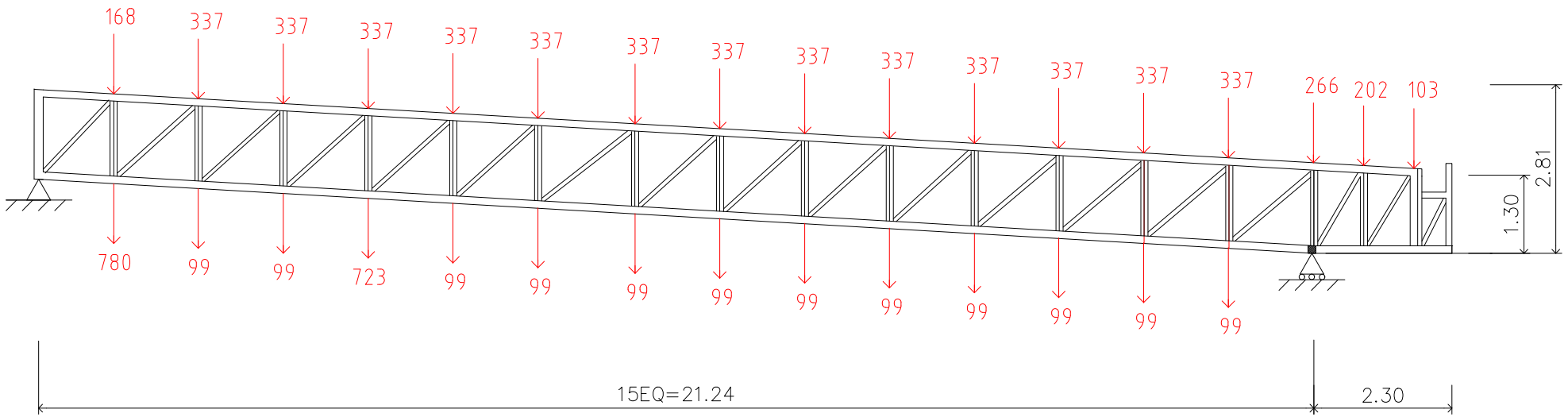
G W q DTRUSS q W VERSION 2.1

FILENAME: LAT206C3.T2 AUTHORITY: q SONGKHEW q

PROJECT : LANNA T206C3 ENGINEER: CHANASORN

G W /* SECTION & WELDING */

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	0.10	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	0.05	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	0.08	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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2.81
1.30
15EQ=21.24
2.30

T2-07-C3

G W q DTRUSS q W   VERSION 2.1
FILENAME: LAT207C3.T2 AUTHORITY: q SONGKHEW q
PROJECT : LANNA T207C3 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

G W q DTRUSS q W VERSION 2.1
FILENAME: LAT207C3.T2 AUTHORITY: q SONGKHEW q
PROJECT : LANNA T207C3 ENGINEER: CHANASORN

G W /* NODAL DISPLACEMENT (cm) */

Node	X-Displacement	Y-Displacement
1	0.0000e+00	0.0000e+00
2	-1.5938e-02	-4.2937e-01
3	-2.1985e-02	-8.2027e-01
4	-1.8970e-02	-1.1669e+00
5	-7.2761e-03	-1.4564e+00
6	1.1855e-02	-1.6695e+00
7	3.7082e-02	-1.8095e+00
8	6.7471e-02	-1.8733e+00
9	1.0196e-01	-1.8601e+00
10	1.3936e-01	-1.7712e+00
11	1.7836e-01	-1.6102e+00
12	2.1752e-01	-1.3830e+00
13	2.5530e-01	-1.0973e+00
14	2.9004e-01	-7.6325e-01
15	3.1994e-01	-3.9270e-01
16	3.4311e-01	0.0000e+00
17	3.4300e-01	1.9253e-01
18	3.4300e-01	3.8734e-01
19	3.4866e-01	-7.4833e-04
20	3.2505e-01	-4.1195e-01
21	2.9219e-01	-8.0758e-01
22	2.5447e-01	-1.1564e+00
23	2.1366e-01	-1.4480e+00
24	1.7190e-01	-1.6657e+00
25	1.3168e-01	-1.8079e+00
26	9.4181e-02	-1.8738e+00
27	6.0573e-02	-1.8628e+00
28	3.1891e-02	-1.7760e+00
29	9.0285e-03	-1.6173e+00
30	-7.2518e-03	-1.3923e+00
31	-1.6321e-02	-1.1088e+00
32	-1.7681e-02	-7.7696e-01
33	-1.0959e-02	-4.0863e-01
34	4.0916e-03	-1.7849e-02
35	1.5873e-02	1.9327e-01
36	2.6443e-02	3.8741e-01

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================================================================================
                                G W  q DTRUSS q W     VERSION 2.1
  FILENAME: LAT207C3.T2                   AUTHORITY:  q SONGKHEW q
  PROJECT : LANNA T207C3                  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         5.1271e+03            149.8
          2           1.42         8.9468e+03            261.4
          3           1.42         1.2170e+04            355.6
          4           1.42         1.4803e+04            432.6
          5           1.42         1.6216e+04            473.9
          6           1.42         1.7055e+04            498.4
          7           1.42         1.7325e+04            506.3
          8           1.42         1.7031e+04            497.7
          9           1.42         1.6180e+04            472.8
         10           1.42         1.4776e+04            431.8
         11           1.42         1.2825e+04            374.8
         12           1.42         1.0332e+04            301.9
         13           1.42         7.3026e+03            213.4
         14           1.42         3.7415e+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        -5.1261e+03           -149.8
         20           1.42        -8.9450e+03           -261.4
         21           1.42        -1.2168e+04           -355.6
         22           1.42        -1.4800e+04           -432.5
         23           1.42        -1.6213e+04           -473.8
         24           1.42        -1.7052e+04           -498.3
         25           1.42        -1.7322e+04           -506.2
         26           1.42        -1.7028e+04           -497.6
         27           1.42        -1.6177e+04           -472.7
         28           1.42        -1.4773e+04           -431.7
         29           1.42        -1.2823e+04           -374.7
         30           1.42        -1.0330e+04           -301.9
         31           1.42        -7.3011e+03           -213.4
         32           1.42        -3.7407e+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         4.5542e+03            266.2
         37           1.38         3.3041e+03            193.1
         38           1.38         2.7369e+03            160.0
         39           1.39         2.1715e+03            126.9
         40           1.39         9.8597e+02             57.6
         41           1.40         4.2627e+02             24.9
         42           1.40        -1.3166e+02             -7.7
         43           1.41        -6.8785e+02            -40.2
         44           1.41        -1.2423e+03            -72.6
         45           1.42        -1.7951e+03           -104.9

================================================================================
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=============================================================================
                                G W  q DTRUSS q W     VERSION 2.1
  FILENAME: LAT207C3.T2                   AUTHORITY:  q SONGKHEW q
  PROJECT : LANNA T207C3                  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        -2.3461e+03           -137.1
         47           1.43        -2.8955e+03           -169.2
         48           1.43        -3.4432e+03           -201.2
         49           1.44        -3.9893e+03           -233.2
         50           1.44        -4.4537e+03           -260.3
         51           1.39         1.9177e+02             11.2
         52           1.35         2.0292e+01              1.2
         53           1.91        -6.9197e+03           -404.4
         54           1.92        -5.1636e+03           -301.8
         55           1.92        -4.3648e+03           -255.1
         56           1.92        -3.5712e+03           -208.7
         57           1.93        -1.9199e+03           -112.2
         58           1.93        -1.1413e+03            -66.7
         59           1.93        -3.6773e+02            -21.5
         60           1.94         4.0078e+02             23.4
         61           1.94         1.1643e+03             68.0
         62           1.94         1.9230e+03            112.4
         63           1.95         2.6768e+03            156.4
         64           1.95         3.4259e+03            200.2
         65           1.95         4.1702e+03            243.7
         66           1.96         4.9100e+03            287.0
         67           1.96         5.6452e+03            329.9
         68           1.63        -4.9287e+02            -28.8
         69           1.59        -1.7554e+02            -10.3

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

```
================================================================================
                                G W  q DTRUSS q W     VERSION 2.1
  FILENAME: LAT207C3.T2                  AUTHORITY:  q SONGKHEW q
  PROJECT : LANNA T207C3                 ENGINEER: CHANASORN
 H==============================================================================

           G W /* SUPPORT  REACTION (kg) */
 W H------------------------------------------------------------------------------
 G               Node            X - Force              Y - Force
 H------------------------------------------------------------------------------
                  1           -5.2224e-04             5.2057e+03
                 16            0.0000e+00             4.9484e+03

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

```
=============================================================================
                                G W  q DTRUSS q W     VERSION 2.1
  FILENAME: LAT207C3.T2                  AUTHORITY:  q SONGKHEW q
  PROJECT : LANNA T207C3                 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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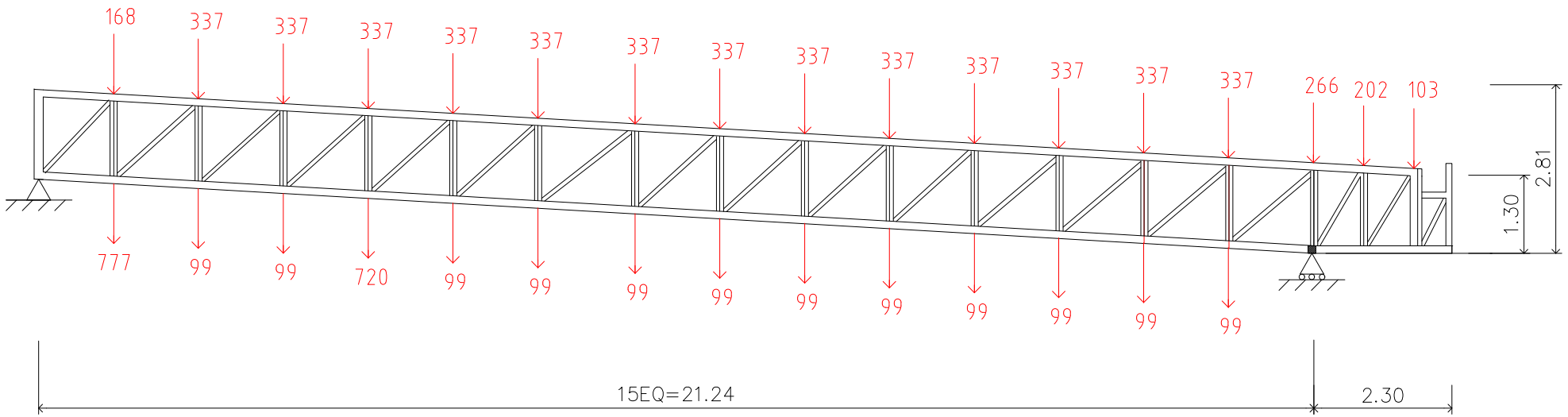
================================================================================
                                  G W  q DTRUSS q W     VERSION 2.1
  FILENAME: LAT207C3.T2                   AUTHORITY:  q SONGKHEW q
  PROJECT : LANNA T207C3                  ENGINEER: CHANASORN
 H===============================================================================

                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      0.13        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

================================================================================
```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99
99
99
99
2.81
1.30
15EQ=21.24
2.30

T2-08-C3

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

```
================================================================================
                                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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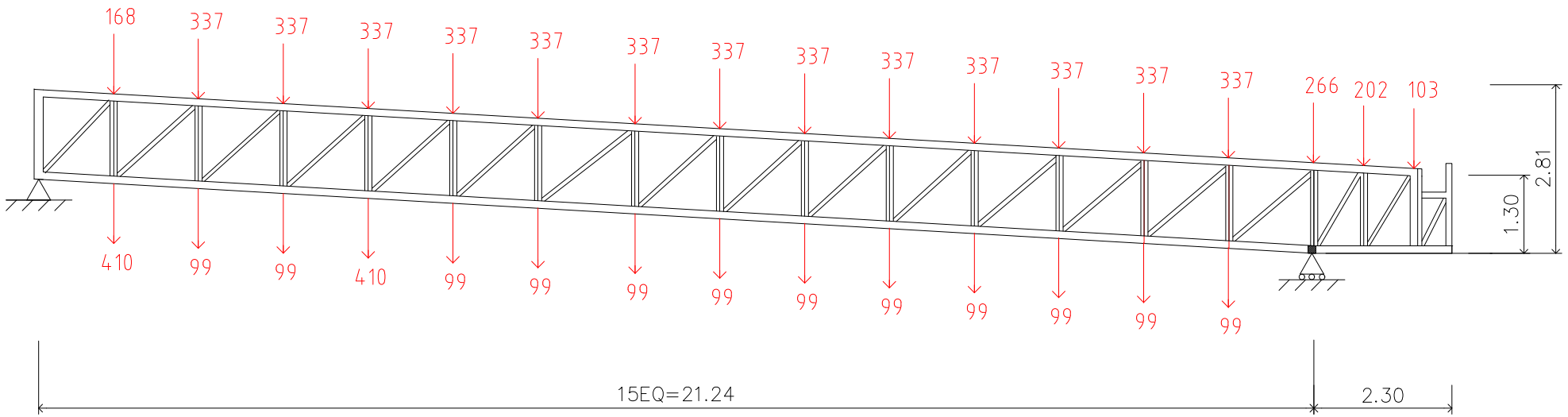
G W q DTRUSS q W VERSION 2.1

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


168
337
337
337
337
337
337
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337
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337
337
266
202
103
410
99
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410
99
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99
99
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99
2.81
1.30
15EQ=21.24
2.30

T2-09-C3

G W q DTRUSS q W   VERSION 2.1
FILENAME: LAT209C3.T2 AUTHORITY: q SONGKHEW q
PROJECT : LANNA T209C3 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: 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

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

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

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

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

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

```
================================================================================
                                  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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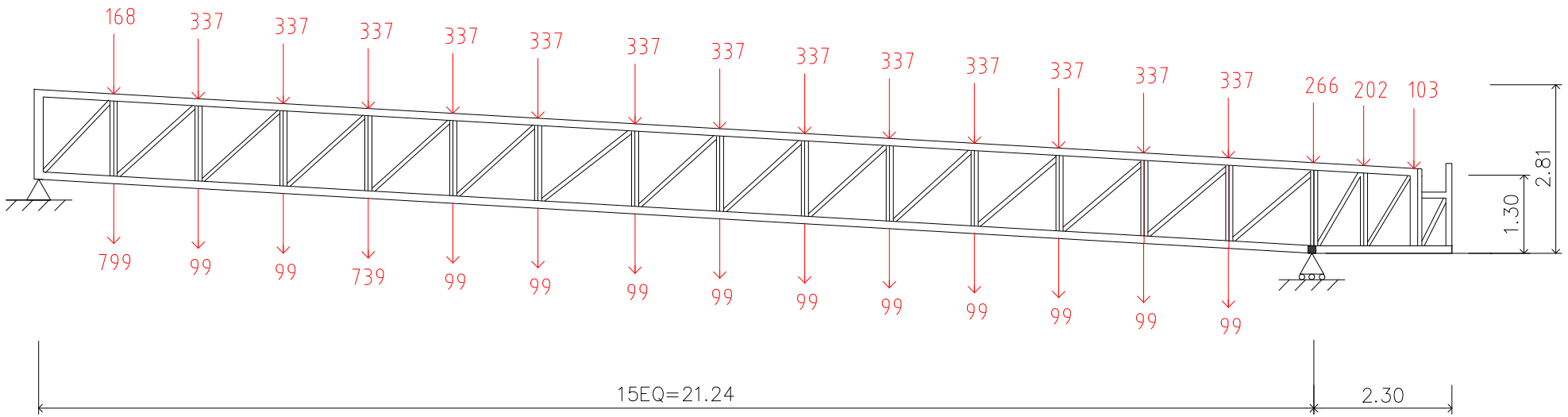
168
337
337
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266
202
103
799
99
99
739
99
99
99
99
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99
99
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99
2.81
1.30
15EQ=21.24
2.30

T2-10-C3

G W q DTRUSS q W   VERSION 2.1
FILENAME: LAT210C3.T2 AUTHORITY: q SONGKHEW q
PROJECT : LANNA T210C3 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

```
================================================================================
                                G W  q DTRUSS q W     VERSION 2.1
  FILENAME: LAT210C3.T2                  AUTHORITY:  q SONGKHEW q
  PROJECT : LANNA T210C3                 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             -1.5975e-02             -4.3097e-01
               3             -2.2014e-02             -8.2308e-01
               4             -1.8960e-02             -1.1708e+00
               5             -7.1941e-03             -1.4611e+00
               6              1.2026e-02             -1.6745e+00
               7              3.7346e-02             -1.8147e+00
               8              6.7828e-02             -1.8784e+00
               9              1.0241e-01             -1.8649e+00
              10              1.3990e-01             -1.7756e+00
              11              1.7898e-01             -1.6141e+00
              12              2.1823e-01             -1.3862e+00
              13              2.5609e-01             -1.0998e+00
              14              2.9089e-01             -7.6495e-01
              15              3.2086e-01             -3.9356e-01
              16              3.4408e-01              0.0000e+00
              17              3.4397e-01              1.9299e-01
              18              3.4397e-01              3.8826e-01
              19              3.4981e-01             -7.4833e-04
              20              3.2611e-01             -4.1343e-01
              21              2.9311e-01             -8.1035e-01
              22              2.5525e-01             -1.1602e+00
              23              2.1430e-01             -1.4527e+00
              24              1.7239e-01             -1.6707e+00
              25              1.3205e-01             -1.8130e+00
              26              9.4455e-02             -1.8789e+00
              27              6.0773e-02             -1.8676e+00
              28              3.2037e-02             -1.7805e+00
              29              9.1398e-03             -1.6212e+00
              30             -7.1580e-03             -1.3955e+00
              31             -1.6229e-02             -1.1114e+00
              32             -1.7576e-02             -7.7869e-01
              33             -1.0827e-02             -4.0952e-01
              34              4.2631e-03             -1.7871e-02
              35              1.6070e-02              1.9374e-01
              36              2.6666e-02              3.8834e-01

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

```
=============================================================================
                                G W  q DTRUSS q W     VERSION 2.1
  FILENAME: LAT210C3.T2                  AUTHORITY:  q SONGKHEW q
  PROJECT : LANNA T210C3                 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         5.1575e+03            150.7
          2           1.42         8.9878e+03            262.6
          3           1.42         1.2222e+04            357.2
          4           1.42         1.4865e+04            434.4
          5           1.42         1.6273e+04            475.5
          6           1.42         1.7106e+04            499.9
          7           1.42         1.7370e+04            507.6
          8           1.42         1.7070e+04            498.8
          9           1.42         1.6213e+04            473.8
         10           1.42         1.4804e+04            432.6
         11           1.42         1.2847e+04            375.4
         12           1.42         1.0349e+04            302.4
         13           1.42         7.3135e+03            213.7
         14           1.42         3.7469e+03            109.5
         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        -5.1565e+03           -150.7
         20           1.42        -8.9861e+03           -262.6
         21           1.42        -1.2219e+04           -357.1
         22           1.42        -1.4863e+04           -434.3
         23           1.42        -1.6270e+04           -475.4
         24           1.42        -1.7102e+04           -499.8
         25           1.42        -1.7366e+04           -507.5
         26           1.42        -1.7067e+04           -498.7
         27           1.42        -1.6210e+04           -473.7
         28           1.42        -1.4801e+04           -432.5
         29           1.42        -1.2845e+04           -375.4
         30           1.42        -1.0347e+04           -302.4
         31           1.42        -7.3121e+03           -213.7
         32           1.42        -3.7462e+03           -109.5
         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         4.5835e+03            267.9
         37           1.38         3.3144e+03            193.7
         38           1.38         2.7472e+03            160.6
         39           1.39         2.1817e+03            127.5
         40           1.39         9.8025e+02             57.3
         41           1.40         4.2057e+02             24.6
         42           1.40        -1.3734e+02             -8.0
         43           1.41        -6.9352e+02            -40.5
         44           1.41        -1.2480e+03            -72.9
         45           1.42        -1.8007e+03           -105.2

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

```
                                  G W  q DTRUSS q W     VERSION 2.1
  FILENAME: LAT210C3.T2                    AUTHORITY:  q SONGKHEW q
  PROJECT : LANNA T210C3                   ENGINEER: CHANASORN
```

G W /* ELEMENT FORCE (Own weight inc.) */

Element	Length,m.	Force,kg(P)	Stress,ksc(fa)
46	1.42	-2.3517e+03	-137.4
47	1.43	-2.9011e+03	-169.6
48	1.43	-3.4488e+03	-201.6
49	1.44	-3.9948e+03	-233.5
50	1.44	-4.4592e+03	-260.6
51	1.39	1.9177e+02	11.2
52	1.35	2.0292e+01	1.2
53	1.91	-6.9607e+03	-406.8
54	1.92	-5.1781e+03	-302.6
55	1.92	-4.3791e+03	-255.9
56	1.92	-3.5855e+03	-209.6
57	1.93	-1.9120e+03	-111.7
58	1.93	-1.1334e+03	-66.2
59	1.93	-3.5987e+02	-21.0
60	1.94	4.0860e+02	23.9
61	1.94	1.1721e+03	68.5
62	1.94	1.9307e+03	112.8
63	1.95	2.6845e+03	156.9
64	1.95	3.4335e+03	200.7
65	1.95	4.1779e+03	244.2
66	1.96	4.9176e+03	287.4
67	1.96	5.6527e+03	330.4
68	1.63	-4.9287e+02	-28.8
69	1.59	-1.7554e+02	-10.3

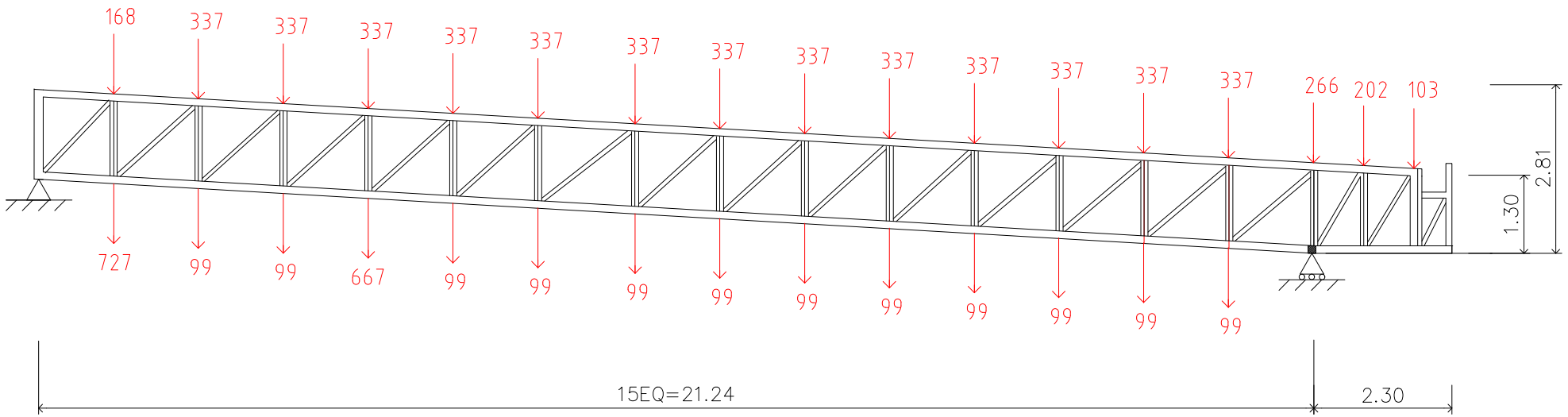
```
================================================================================
                                G W  q DTRUSS q W     VERSION 2.1
  FILENAME: LAT210C3.T2                   AUTHORITY:  q SONGKHEW q
  PROJECT : LANNA T210C3                  ENGINEER: CHANASORN
 H==============================================================================

           G W /* SUPPORT  REACTION (kg) */
 W H------------------------------------------------------------------------------
 G               Node             X - Force              Y - Force
 H------------------------------------------------------------------------------
                  1            4.4247e-04             5.2351e+03
                 16            0.0000e+00             4.9540e+03

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

```
================================================================================
                                  G W  q DTRUSS q W     VERSION 2.1
  FILENAME: LAT210C3.T2                   AUTHORITY:  q SONGKHEW q
  PROJECT : LANNA T210C3                  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, 250
    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,  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      0.05        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, 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

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

G W q DTRUSS q W VERSION 2.1
FILENAME: LAT210C3.T2 AUTHORITY: q SONGKHEW q
PROJECT : LANNA T210C3 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, 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


168
337
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202
103
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99
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99
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99
2.81
1.30
15EQ=21.24
2.30

T2-11-C3

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

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

G W /* NODAL DISPLACEMENT (cm) */

Node	X-Displacement	Y-Displacement
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

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

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

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

G W /* ELEMENT FORCE (Own weight inc.) */

Element	Length,m.	Force,kg(P)	Stress,ksc(fa)
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

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

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

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

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

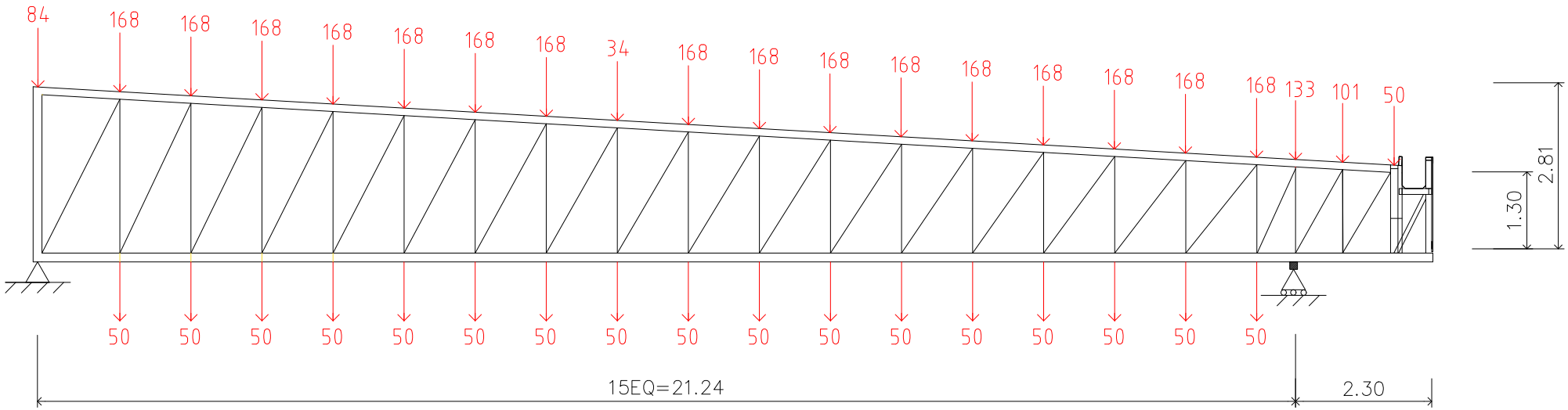
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50
50
50
15EQ=21.24
2.30
1.30
2.81

T3-C3

G W q DTRUSS q W   VERSION 2.1
FILENAME: LAT3C3.T2 AUTHORITY: q SONGKHEW q
PROJECT : LANNA T3C3 ENGINEER: CHANASORN

G W /* STEEL WEIGHT */

Material Set	Unit Weight,kg/m.	Total Weight,t.
1	26.876	1.232
2	13.438	1.279

```
================================================================================
                                G W  q DTRUSS q W     VERSION 2.1
  FILENAME: LAT3C3.T2                    AUTHORITY:  q SONGKHEW q
  PROJECT : LANNA T3C3                   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              2.1047e-03              -1.1903e-01
               3              6.1515e-03              -2.2902e-01
               4              1.1966e-02              -3.2846e-01
               5              1.9363e-02              -4.1590e-01
               6              2.8142e-02              -4.8998e-01
               7              3.8086e-02              -5.4943e-01
               8              4.8963e-02              -5.9309e-01
               9              6.0521e-02              -6.1999e-01
              10              7.2486e-02              -6.2932e-01
              11              8.4559e-02              -6.2050e-01
              12              9.6415e-02              -5.9322e-01
              13              1.0770e-01              -5.4751e-01
              14              1.1801e-01              -4.8380e-01
              15              1.2692e-01              -4.0301e-01
              16              1.3395e-01              -3.0664e-01
              17              1.3856e-01              -1.9693e-01
              18              1.4015e-01              -7.7039e-02
              19              1.3997e-01               0.0000e+00
              20              1.3990e-01               5.5416e-02
              21              1.3990e-01               1.1256e-01
              22              1.6425e-01              -9.6023e-04
              23              1.5871e-01              -9.7634e-02
              24              1.5013e-01              -2.1040e-01
              25              1.4021e-01              -3.1254e-01
              26              1.2921e-01              -4.0260e-01
              27              1.1738e-01              -4.7921e-01
              28              1.0502e-01              -5.4110e-01
              29              9.2383e-02              -5.8714e-01
              30              7.9780e-02              -6.1633e-01
              31              6.7503e-02              -6.2787e-01
              32              5.5863e-02              -6.2118e-01
              33              4.5176e-02              -5.9596e-01
              34              3.5767e-02              -5.5223e-01
              35              2.7973e-02              -4.9043e-01
              36              2.2134e-02              -4.1146e-01
              37              1.8601e-02              -3.1685e-01
              38              1.7729e-02              -2.0882e-01
              39              1.9879e-02              -9.0476e-02
              40              2.3682e-02              -1.4712e-02
              41              2.7734e-02               5.6082e-02
              42              3.0846e-02               1.1265e-01

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

```
=============================================================================
                                G W  q DTRUSS q W     VERSION 2.1
  FILENAME: LAT3C3.T2                    AUTHORITY:  q SONGKHEW q
  PROJECT : LANNA T3C3                   ENGINEER: CHANASORN
 H===========================================================================

  G W /* ELEMENT FORCE (Own weight inc.) */
 W H---------------------------------------------------------------------------
 G      Element      Length,m.      Force,kg(P)      Stress,ksc(fa)
 H-----------------------------------------------------------------------------
          1           1.21         1.2488e+03            36.5
          2           1.21         2.4011e+03            70.2
          3           1.21         3.4502e+03           100.8
          4           1.21         4.3887e+03           128.2
          5           1.21         5.2084e+03           152.2
          6           1.21         5.9002e+03           172.4
          7           1.21         6.4537e+03           188.6
          8           1.21         6.8576e+03           200.4
          9           1.21         7.0989e+03           207.5
         10           1.21         7.1633e+03           209.3
         11           1.21         7.0343e+03           205.6
         12           1.21         6.6933e+03           195.6
         13           1.21         6.1191e+03           178.8
         14           1.21         5.2874e+03           154.5
         15           1.21         4.1701e+03           121.9
         16           1.21         2.7350e+03            79.9
         17           1.21         9.4425e+02            27.6
         18           0.65        -2.0234e+02            -5.9
         19           0.84        -5.4477e+01            -1.6
         20           0.83         0.0000e+00             0.0
         21           1.21         0.0000e+00             0.0
         22           1.21        -1.2508e+03           -36.6
         23           1.21        -2.4050e+03           -70.3
         24           1.21        -3.4558e+03          -101.0
         25           1.21        -4.3959e+03          -128.5
         26           1.21        -5.2170e+03          -152.5
         27           1.21        -5.9098e+03          -172.7
         28           1.21        -6.4643e+03          -188.9
         29           1.21        -6.8688e+03          -200.7
         30           1.21        -7.1106e+03          -207.8
         31           1.21        -7.1751e+03          -209.7
         32           1.21        -7.0459e+03          -205.9
         33           1.21        -6.7043e+03          -195.9
         34           1.21        -6.1292e+03          -179.1
         35           1.21        -5.2961e+03          -154.8
         36           1.21        -4.1770e+03          -122.1
         37           1.21        -2.7395e+03           -80.1
         38           0.65        -9.4603e+02           -27.6
         39           0.84         2.0263e+02             5.9
         40           0.84         5.4556e+01             1.6
         41           2.88        -1.1967e+02            -7.0
         42           2.81         2.7324e+03           159.7
         43           2.74         2.4376e+03           142.5
         44           2.67         2.1387e+03           125.0
         45           2.61         1.8352e+03           107.3

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

```
=============================================================================
                                G W  q DTRUSS q W     VERSION 2.1
  FILENAME: LAT3C3.T2                    AUTHORITY:  q SONGKHEW q
  PROJECT : LANNA T3C3                   ENGINEER: CHANASORN
 H===========================================================================

  G W /* ELEMENT FORCE (Own weight inc.) */
 W H---------------------------------------------------------------------------
 G      Element      Length,m.      Force,kg(P)      Stress,ksc(fa)
 H---------------------------------------------------------------------------
         46           2.54         1.5268e+03            89.2
         47           2.47         1.2127e+03            70.9
         48           2.40         8.9249e+02            52.2
         49           2.33         5.6547e+02            33.0
         50           2.26         2.3090e+02            13.5
         51           2.19        -1.1207e+02            -6.5
         52           2.12        -4.6437e+02           -27.1
         53           2.05        -8.2708e+02           -48.3
         54           1.98        -1.2014e+03           -70.2
         55           1.91        -1.5888e+03           -92.9
         56           1.84        -1.9908e+03          -116.4
         57           1.77        -2.4094e+03          -140.8
         58           1.70        -2.8350e+03          -165.7
         59           1.66        -3.1787e+03          -185.8
         60           1.62         1.4791e+02             8.6
         61           1.57         2.1790e+01             1.3
         62           3.06        -3.1583e+03          -184.6
         63           3.00        -2.8537e+03          -166.8
         64           2.94        -2.5433e+03          -148.6
         65           2.87        -2.2264e+03          -130.1
         66           2.81        -1.9020e+03          -111.2
         67           2.75        -1.5694e+03           -91.7
         68           2.69        -1.2274e+03           -71.7
         69           2.62        -8.7499e+02           -51.1
         70           2.56        -5.1070e+02           -29.8
         71           2.50        -1.3299e+02            -7.8
         72           2.44         2.5999e+02            15.2
         73           2.38         6.7037e+02            39.2
         74           2.32         1.1007e+03            64.3
         75           2.26         1.5538e+03            90.8
         76           2.20         2.0335e+03           118.8
         77           2.15         2.5437e+03           148.7
         78           2.09         3.0897e+03           180.6
         79           1.79         3.1496e+03           184.1
         80           1.82        -3.2242e+02           -18.8
         81           1.78        -1.1619e+02            -6.8

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

```
================================================================================
                                G W  q DTRUSS q W     VERSION 2.1
  FILENAME: LAT3C3.T2                    AUTHORITY:  q SONGKHEW q
  PROJECT : LANNA T3C3                   ENGINEER: CHANASORN
 H==============================================================================

           G W /* SUPPORT  REACTION (kg) */
 W H------------------------------------------------------------------------------
 G               Node            X - Force              Y - Force
 H------------------------------------------------------------------------------
                  1           4.6596e-05             3.0768e+03
                 19           0.0000e+00             3.5086e+03

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

```
================================================================================
                                G W  q DTRUSS q W     VERSION 2.1
  FILENAME: LAT3C3.T2                    AUTHORITY:  q SONGKHEW q
  PROJECT : LANNA T3C3                   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          31     3304.2      0.01        6.0,  40
     2   2[-125x65x6.0x8.0          31     3304.2      0.02        6.0,  50
     3   2[-125x65x6.0x8.0          31     3304.2      0.03        6.0,  70
     4   2[-125x65x6.0x8.0          31     3304.2      0.04        6.0,  90
     5   2[-125x65x6.0x8.0          31     3304.2      0.05        6.0, 100
     6   2[-125x65x6.0x8.0          31     3304.2      0.05        6.0, 120
     7   2[-125x65x6.0x8.0          31     3304.2      0.06        6.0, 130
     8   2[-125x65x6.0x8.0          31     3304.2      0.06        6.0, 130
     9   2[-125x65x6.0x8.0          31     3304.2      0.06        6.0, 140
    10   2[-125x65x6.0x8.0          31     3304.2      0.06        6.0, 140
    11   2[-125x65x6.0x8.0          31     3304.2      0.06        6.0, 140
    12   2[-125x65x6.0x8.0          31     3304.2      0.06        6.0, 130
    13   2[-125x65x6.0x8.0          31     3304.2      0.05        6.0, 120
    14   2[-125x65x6.0x8.0          31     3304.2      0.05        6.0, 100
    15   2[-125x65x6.0x8.0          31     3304.2      0.04        6.0,  80
    16   2[-125x65x6.0x8.0          31     3304.2      0.02        6.0,  60
    17   2[-125x65x6.0x8.0          31     3304.2      0.01        6.0,  40
    18   2[-125x65x6.0x8.0          17     3111.6      0.00        6.0,  40
    19   2[-125x65x6.0x8.0          21     3040.0      0.00        6.0,  40
    20   2[-125x65x6.0x8.0          21     3304.2      0.00        6.0,  40
    21   2[-125x65x6.0x8.0          31     3304.2      0.00        6.0,  40
    22   2[-125x65x6.0x8.0          31     2873.1      0.01        6.0,  40
    23   2[-125x65x6.0x8.0          31     2873.1      0.02        6.0,  50
    24   2[-125x65x6.0x8.0          31     2873.1      0.04        6.0,  70
    25   2[-125x65x6.0x8.0          31     2873.1      0.04        6.0,  90
    26   2[-125x65x6.0x8.0          31     2873.1      0.05        6.0, 100
    27   2[-125x65x6.0x8.0          31     2873.1      0.06        6.0, 120
    28   2[-125x65x6.0x8.0          31     2873.1      0.07        6.0, 130
    29   2[-125x65x6.0x8.0          31     2873.1      0.07        6.0, 130
    30   2[-125x65x6.0x8.0          31     2873.1      0.07        6.0, 140
    31   2[-125x65x6.0x8.0          31     2873.1      0.07        6.0, 140
    32   2[-125x65x6.0x8.0          31     2873.1      0.07        6.0, 140
    33   2[-125x65x6.0x8.0          31     2873.1      0.07        6.0, 130
    34   2[-125x65x6.0x8.0          31     2873.1      0.06        6.0, 120
    35   2[-125x65x6.0x8.0          31     2873.1      0.05        6.0, 100
    36   2[-125x65x6.0x8.0          31     2873.1      0.04        6.0,  80
    37   2[-125x65x6.0x8.0          31     2873.1      0.03        6.0,  60
    38   2[-125x65x6.0x8.0          17     3111.2      0.01        6.0,  40
    39   2[-125x65x6.0x8.0          21     3304.2      0.00        6.0,  40
    40   2[-125x65x6.0x8.0          21     3304.2      0.00        6.0,  40
    41   [-125x65x6.0x8.0          147      499.8      0.01        6.0,  40
    42   [-125x65x6.0x8.0          144     3304.2      0.05        6.0,  60
    43   [-125x65x6.0x8.0          140     3304.2      0.04        6.0,  50
    44   [-125x65x6.0x8.0          136     3304.2      0.04        6.0,  50
    45   [-125x65x6.0x8.0          133     3304.2      0.03        6.0,  40

================================================================================
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================================================================================
                                G W  q DTRUSS q W     VERSION 2.1
  FILENAME: LAT3C3.T2                    AUTHORITY:  q SONGKHEW q
  PROJECT : LANNA T3C3                   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         129     3304.2      0.03        6.0,  40
    47   [-125x65x6.0x8.0         126     3304.2      0.02        6.0,  40
    48   [-125x65x6.0x8.0         122     3304.2      0.02        6.0,  40
    49   [-125x65x6.0x8.0         119     3304.2      0.01        6.0,  40
    50   [-125x65x6.0x8.0         115     3304.2      0.00        6.0,  40
    51   [-125x65x6.0x8.0         112      867.0      0.01        6.0,  40
    52   [-125x65x6.0x8.0         108      924.8      0.03        6.0,  40
    53   [-125x65x6.0x8.0         105      988.4      0.05        6.0,  40
    54   [-125x65x6.0x8.0         101     1058.9      0.07        6.0,  40
    55   [-125x65x6.0x8.0          98     1137.3      0.08        6.0,  40
    56   [-125x65x6.0x8.0          94     1224.6      0.10        6.0,  40
    57   [-125x65x6.0x8.0          90     1322.4      0.11        6.0,  50
    58   [-125x65x6.0x8.0          87     1432.4      0.12        6.0,  60
    59   [-125x65x6.0x8.0          85     1499.4      0.12        6.0,  60
    60   [-125x65x6.0x8.0          83     3304.2      0.00        6.0,  40
    61   [-125x65x6.0x8.0          80     3304.2      0.00        6.0,  40
    62   [-125x65x6.0x8.0         156      442.7      0.42        6.0,  60
    63   [-125x65x6.0x8.0         153      461.7      0.36        6.0,  60
    64   [-125x65x6.0x8.0         150      481.8      0.31        6.0,  50
    65   [-125x65x6.0x8.0         147      503.2      0.26        6.0,  50
    66   [-125x65x6.0x8.0         143      526.0      0.21        6.0,  40
    67   [-125x65x6.0x8.0         140      550.2      0.17        6.0,  40
    68   [-125x65x6.0x8.0         137      575.9      0.12        6.0,  40
    69   [-125x65x6.0x8.0         134      603.4      0.08        6.0,  40
    70   [-125x65x6.0x8.0         131      632.6      0.05        6.0,  40
    71   [-125x65x6.0x8.0         128      663.8      0.01        6.0,  40
    72   [-125x65x6.0x8.0         125     3304.2      0.00        6.0,  40
    73   [-125x65x6.0x8.0         121     3304.2      0.01        6.0,  40
    74   [-125x65x6.0x8.0         118     3304.2      0.02        6.0,  40
    75   [-125x65x6.0x8.0         115     3304.2      0.03        6.0,  40
    76   [-125x65x6.0x8.0         112     3304.2      0.04        6.0,  40
    77   [-125x65x6.0x8.0         110     3304.2      0.04        6.0,  50
    78   [-125x65x6.0x8.0         107     3304.2      0.05        6.0,  60
    79   [-125x65x6.0x8.0          91     3304.2      0.06        6.0,  60
    80   [-125x65x6.0x8.0          93     1253.1      0.02        6.0,  40
    81   [-125x65x6.0x8.0          91     1309.8      0.01        6.0,  40

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

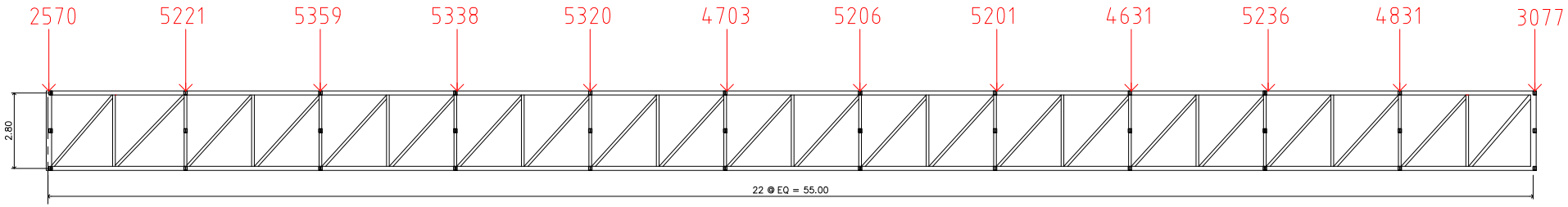
2570
5221
5359
5338
5320
4703
5206
5201
4631
5236
4831
3077
2.80
22 @ EQ = 55.00

T1-C3

```
================================================================================
                                G W  q DTRUSS q W     VERSION 2.1
  FILENAME: LAT1C3.T2                    AUTHORITY:  q SONGKHEW q
  PROJECT : LANNA T1C3                   ENGINEER: CHANASORN
 H===============================================================================

                     G W /* STEEL WEIGHT */
 W H-------------------------------------------------------------------------------
 G          Material Set        Unit Weight,kg/m.      Total Weight,t.
 H-------------------------------------------------------------------------------
               1                  37.244                   4.097
               2                  37.244                   5.474

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

```
================================================================================
                                G W  q DTRUSS q W     VERSION 2.1
  FILENAME: LAT1C3.T2                    AUTHORITY:  q SONGKHEW q
  PROJECT : LANNA T1C3                   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             -4.7873e-02               3.9573e+00
               3             -1.4458e-01               7.8186e+00
               4             -2.7939e-01               1.1476e+01
               5             -4.5327e-01               1.4882e+01
               6             -6.5516e-01               1.7944e+01
               7             -8.8603e-01               2.0636e+01
               8             -1.1349e+00               2.2883e+01
               9             -1.4027e+00               2.4675e+01
              10             -1.6785e+00               2.5957e+01
              11             -1.9632e+00               2.6738e+01
              12             -2.2473e+00               2.6982e+01
              13             -2.5317e+00               2.6708e+01
              14             -2.8058e+00               2.5895e+01
              15             -3.0705e+00               2.4583e+01
              16             -3.3150e+00               2.2767e+01
              17             -3.5404e+00               2.0505e+01
              18             -3.7373e+00               1.7813e+01
              19             -3.9066e+00               1.4759e+01
              20             -4.0376e+00               1.1371e+01
              21             -4.1311e+00               7.7404e+00
              22             -4.1774e+00               3.9139e+00
              23             -4.1774e+00               0.0000e+00
              24             -4.2022e+00               6.9487e-03
              25             -4.2022e+00               3.8966e+00
              26             -4.1543e+00               7.7714e+00
              27             -4.0576e+00               1.1427e+01
              28             -3.9228e+00               1.4847e+01
              29             -3.7489e+00               1.7909e+01
              30             -3.5470e+00               2.0614e+01
              31             -3.3162e+00               2.2860e+01
              32             -3.0673e+00               2.4666e+01
              33             -2.7995e+00               2.5947e+01
              34             -2.5237e+00               2.6739e+01
              35             -2.2390e+00               2.6982e+01
              36             -1.9549e+00               2.6722e+01
              37             -1.6705e+00               2.5908e+01
              38             -1.3964e+00               2.4609e+01
              39             -1.1317e+00               2.2791e+01
              40             -8.8718e-01               2.0541e+01
              41             -6.6174e-01               1.7848e+01
              42             -4.6486e-01               1.4808e+01
              43             -2.9556e-01               1.1419e+01
              44             -1.6462e-01               7.8003e+00
              45             -7.1076e-02               3.9725e+00

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

```
================================================================================
                                  G W  q DTRUSS q W     VERSION 2.1
  FILENAME: LAT1C3.T2                     AUTHORITY:  q SONGKHEW q
  PROJECT : LANNA T1C3                    ENGINEER: CHANASORN
 H==============================================================================

         G W /* NODAL  DISPLACEMENT (cm) */
 W H-------------------------------------------------------------------------------
 G            Node            X-Displacement           Y-Displacement
 H-------------------------------------------------------------------------------
              46             -2.4784e-02               6.6246e-02

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

```
=============================================================================
                                G W  q DTRUSS q W     VERSION 2.1
  FILENAME: LAT1C3.T2                    AUTHORITY:  q SONGKHEW q
  PROJECT : LANNA T1C3                   ENGINEER: CHANASORN
 H===========================================================================

  G W /* ELEMENT FORCE (Own weight inc.) */
 W H---------------------------------------------------------------------------
 G      Element      Length,m.      Force,kg(P)      Stress,ksc(fa)
 H-----------------------------------------------------------------------------
          1           2.50        -1.9069e+04           -402.1
          2           2.50        -3.8523e+04           -812.4
          3           2.50        -5.3699e+04          -1132.4
          4           2.50        -6.9259e+04          -1460.5
          5           2.50        -8.0419e+04          -1695.9
          6           2.50        -9.1962e+04          -1939.3
          7           2.50        -9.9124e+04          -2090.3
          8           2.50        -1.0667e+05          -2249.5
          9           2.50        -1.0985e+05          -2316.6
         10           2.50        -1.1342e+05          -2391.7
         11           2.50        -1.1316e+05          -2386.4
         12           2.50        -1.1330e+05          -2389.3
         13           2.50        -1.0917e+05          -2302.2
         14           2.50        -1.0542e+05          -2223.2
         15           2.50        -9.7417e+04          -2054.3
         16           2.50        -8.9796e+04          -1893.6
         17           2.50        -7.8424e+04          -1653.8
         18           2.50        -6.7436e+04          -1422.1
         19           2.50        -5.2157e+04          -1099.9
         20           2.50        -3.7263e+04           -785.8
         21           2.50        -1.8439e+04           -388.9
         22           2.50         0.0000e+00              0.0
         23           2.50         0.0000e+00              0.0
         24           2.50         1.9069e+04            402.1
         25           2.50         3.8523e+04            812.4
         26           2.50         5.3699e+04           1132.4
         27           2.50         6.9259e+04           1460.5
         28           2.50         8.0419e+04           1695.9
         29           2.50         9.1962e+04           1939.3
         30           2.50         9.9124e+04           2090.3
         31           2.50         1.0667e+05           2249.5
         32           2.50         1.0985e+05           2316.6
         33           2.50         1.1342e+05           2391.7
         34           2.50         1.1316e+05           2386.4
         35           2.50         1.1330e+05           2389.3
         36           2.50         1.0917e+05           2302.2
         37           2.50         1.0542e+05           2223.2
         38           2.50         9.7417e+04           2054.3
         39           2.50         8.9796e+04           1893.6
         40           2.50         7.8424e+04           1653.8
         41           2.50         6.7436e+04           1422.1
         42           2.50         5.2157e+04           1099.9
         43           2.50         3.7263e+04            785.8
         44           2.50         1.8439e+04            388.9
         45           2.80         2.4713e+03             52.1

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

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=============================================================================
                                G W  q DTRUSS q W     VERSION 2.1
  FILENAME: LAT1C3.T2                    AUTHORITY:  q SONGKHEW q
  PROJECT : LANNA T1C3                   ENGINEER: CHANASORN
 H===========================================================================

  G W /* ELEMENT FORCE (Own weight inc.) */
 W H---------------------------------------------------------------------------
 G      Element      Length,m.      Force,kg(P)      Stress,ksc(fa)
 H-----------------------------------------------------------------------------
         46           2.80        -2.1573e+04           -454.9
         47           2.80        -1.6782e+04           -353.9
         48           2.80        -1.7212e+04           -363.0
         49           2.80        -1.2284e+04           -259.0
         50           2.80        -1.2714e+04           -268.1
         51           2.80        -7.8062e+03           -164.6
         52           2.80        -8.2365e+03           -173.7
         53           2.80        -3.3468e+03            -70.6
         54           2.80        -3.7771e+03            -79.7
         55           2.80         4.9557e+02             10.5
         56           2.80         6.5273e+01              1.4
         57           2.80         4.8410e+03            102.1
         58           2.80         4.4107e+03             93.0
         59           2.80         9.1814e+03            193.6
         60           2.80         8.7511e+03            184.5
         61           2.80         1.2952e+04            273.1
         62           2.80         1.2521e+04            264.1
         63           2.80         1.7327e+04            365.4
         64           2.80         1.6897e+04            356.3
         65           2.80         2.1298e+04            449.1
         66           2.80         2.0867e+04            440.1
         67           2.80         2.3561e+04            496.8
         68           3.75         2.8632e+04            603.8
         69           3.75         2.9209e+04            616.0
         70           3.75         2.2786e+04            480.5
         71           3.75         2.3363e+04            492.7
         72           3.75         1.6756e+04            353.3
         73           3.75         1.7333e+04            365.5
         74           3.75         1.0753e+04            226.8
         75           3.75         1.1330e+04            238.9
         76           3.75         4.7752e+03            100.7
         77           3.75         5.3520e+03            112.9
         78           3.75        -3.7593e+02             -7.9
         79           3.75         2.0093e+02              4.2
         80           3.75        -6.2014e+03           -130.8
         81           3.75        -5.6245e+03           -118.6
         82           3.75        -1.2020e+04           -253.5
         83           3.75        -1.1443e+04           -241.3
         84           3.75        -1.7075e+04           -360.1
         85           3.75        -1.6498e+04           -347.9
         86           3.75        -2.2940e+04           -483.8
         87           3.75        -2.2363e+04           -471.6
         88           3.75        -2.8263e+04           -596.0
         89           3.75        -2.7686e+04           -583.8

=============================================================================
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=============================================================================
                                G W  q DTRUSS q W     VERSION 2.1
  FILENAME: LAT1C3.T2                    AUTHORITY:  q SONGKHEW q
  PROJECT : LANNA T1C3                   ENGINEER: CHANASORN
 H===========================================================================

           G W /* SUPPORT  REACTION (kg) */
 W H---------------------------------------------------------------------------
 G               Node             X - Force              Y - Force
 H-----------------------------------------------------------------------------
                  1           -1.5707e-05            -2.3660e+04
                 23            0.0000e+00            -2.3462e+04

=============================================================================
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================================================================================
                                  G W  q DTRUSS q W     VERSION 2.1
  FILENAME: LAT1C3.T2                      AUTHORITY:  q SONGKHEW q
  PROJECT : LANNA T1C3                     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[-150x75x6.0             55     2348.3      0.17        6.0, 360
     2   2[-150x75x6.0             55     2348.3      0.35        6.0, 730
     3   2[-150x75x6.0             55     2348.3      0.48        6.0,1010
     4   2[-150x75x6.0             55     2348.3      0.62        6.0,1300
     5   2[-150x75x6.0             55     2348.3      0.72        6.0,1510
     6   2[-150x75x6.0             55     2348.3      0.83        6.0,1730
     7   2[-150x75x6.0             55     2348.3      0.89        6.0,1860
     8   2[-150x75x6.0             55     2348.3      0.96        6.0,2000
     9   2[-150x75x6.0             55     2348.3      0.99        6.0,2060
    10   2[-150x75x6.0             55     2348.3      1.02     *  6.0,2130
    11   2[-150x75x6.0             55     2348.3      1.02     *  6.0,2120
    12   2[-150x75x6.0             55     2348.3      1.02     *  6.0,2120
    13   2[-150x75x6.0             55     2348.3      0.98        6.0,2050
    14   2[-150x75x6.0             55     2348.3      0.95        6.0,1980
    15   2[-150x75x6.0             55     2348.3      0.87        6.0,1830
    16   2[-150x75x6.0             55     2348.3      0.81        6.0,1680
    17   2[-150x75x6.0             55     2348.3      0.70        6.0,1470
    18   2[-150x75x6.0             55     2348.3      0.61        6.0,1270
    19   2[-150x75x6.0             55     2348.3      0.47        6.0, 980
    20   2[-150x75x6.0             55     2348.3      0.33        6.0, 700
    21   2[-150x75x6.0             55     2348.3      0.17        6.0, 350
    22   2[-150x75x6.0             55     3304.2      0.00        6.0,  40
    23   2[-150x75x6.0             55     3304.2      0.00        6.0,  40
    24   2[-150x75x6.0             55     3304.2      0.12        6.0, 360
    25   2[-150x75x6.0             55     3304.2      0.25        6.0, 730
    26   2[-150x75x6.0             55     3304.2      0.34        6.0,1010
    27   2[-150x75x6.0             55     3304.2      0.44        6.0,1300
    28   2[-150x75x6.0             55     3304.2      0.51        6.0,1510
    29   2[-150x75x6.0             55     3304.2      0.59        6.0,1730
    30   2[-150x75x6.0             55     3304.2      0.63        6.0,1860
    31   2[-150x75x6.0             55     3304.2      0.68        6.0,2000
    32   2[-150x75x6.0             55     3304.2      0.70        6.0,2060
    33   2[-150x75x6.0             55     3304.2      0.72        6.0,2130
    34   2[-150x75x6.0             55     3304.2      0.72        6.0,2120
    35   2[-150x75x6.0             55     3304.2      0.72        6.0,2120
    36   2[-150x75x6.0             55     3304.2      0.70        6.0,2050
    37   2[-150x75x6.0             55     3304.2      0.67        6.0,1980
    38   2[-150x75x6.0             55     3304.2      0.62        6.0,1830
    39   2[-150x75x6.0             55     3304.2      0.57        6.0,1680
    40   2[-150x75x6.0             55     3304.2      0.50        6.0,1470
    41   2[-150x75x6.0             55     3304.2      0.43        6.0,1270
    42   2[-150x75x6.0             55     3304.2      0.33        6.0, 980
    43   2[-150x75x6.0             55     3304.2      0.24        6.0, 700
    44   2[-150x75x6.0             55     3304.2      0.12        6.0, 350
    45   2[-150x75x6.0             62     3304.2      0.02        6.0,  50

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================================================================================
                                  G W  q DTRUSS q W     VERSION 2.1
  FILENAME: LAT1C3.T2                      AUTHORITY:  q SONGKHEW q
  PROJECT : LANNA T1C3                     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   2[-150x75x6.0             62     2179.4      0.21        6.0, 410
    47   2[-150x75x6.0             62     2179.4      0.16        6.0, 320
    48   2[-150x75x6.0             62     2179.4      0.17        6.0, 330
    49   2[-150x75x6.0             62     2179.4      0.12        6.0, 230
    50   2[-150x75x6.0             62     2179.4      0.12        6.0, 240
    51   2[-150x75x6.0             62     2179.4      0.08        6.0, 150
    52   2[-150x75x6.0             62     2179.4      0.08        6.0, 160
    53   2[-150x75x6.0             62     2179.4      0.03        6.0,  70
    54   2[-150x75x6.0             62     2179.4      0.04        6.0,  80
    55   2[-150x75x6.0             62     3304.2      0.00        6.0,  40
    56   2[-150x75x6.0             62     3304.2      0.00        6.0,  40
    57   2[-150x75x6.0             62     3304.2      0.03        6.0, 100
    58   2[-150x75x6.0             62     3304.2      0.03        6.0,  90
    59   2[-150x75x6.0             62     3304.2      0.06        6.0, 180
    60   2[-150x75x6.0             62     3304.2      0.06        6.0, 170
    61   2[-150x75x6.0             62     3304.2      0.08        6.0, 250
    62   2[-150x75x6.0             62     3304.2      0.08        6.0, 240
    63   2[-150x75x6.0             62     3304.2      0.11        6.0, 330
    64   2[-150x75x6.0             62     3304.2      0.11        6.0, 320
    65   2[-150x75x6.0             62     3304.2      0.14        6.0, 400
    66   2[-150x75x6.0             62     3304.2      0.13        6.0, 400
    67   2[-150x75x6.0             62     3304.2      0.15        6.0, 450
    68   2[-150x75x6.0             83     3304.2      0.18        6.0, 540
    69   2[-150x75x6.0             83     3304.2      0.19        6.0, 550
    70   2[-150x75x6.0             83     3304.2      0.15        6.0, 430
    71   2[-150x75x6.0             83     3304.2      0.15        6.0, 440
    72   2[-150x75x6.0             83     3304.2      0.11        6.0, 320
    73   2[-150x75x6.0             83     3304.2      0.11        6.0, 330
    74   2[-150x75x6.0             83     3304.2      0.07        6.0, 210
    75   2[-150x75x6.0             83     3304.2      0.07        6.0, 220
    76   2[-150x75x6.0             83     3304.2      0.03        6.0,  90
    77   2[-150x75x6.0             83     3304.2      0.03        6.0, 110
    78   2[-150x75x6.0             83     1569.2      0.01        6.0,  40
    79   2[-150x75x6.0             83     3304.2      0.00        6.0,  40
    80   2[-150x75x6.0             83     1569.2      0.08        6.0, 120
    81   2[-150x75x6.0             83     1569.2      0.08        6.0, 110
    82   2[-150x75x6.0             83     1569.2      0.16        6.0, 230
    83   2[-150x75x6.0             83     1569.2      0.15        6.0, 220
    84   2[-150x75x6.0             83     1569.2      0.23        6.0, 320
    85   2[-150x75x6.0             83     1569.2      0.22        6.0, 310
    86   2[-150x75x6.0             83     1569.2      0.31        6.0, 430
    87   2[-150x75x6.0             83     1569.2      0.30        6.0, 420
    88   2[-150x75x6.0             83     1569.2      0.38        6.0, 530
    89   2[-150x75x6.0             83     1569.2      0.37        6.0, 520

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