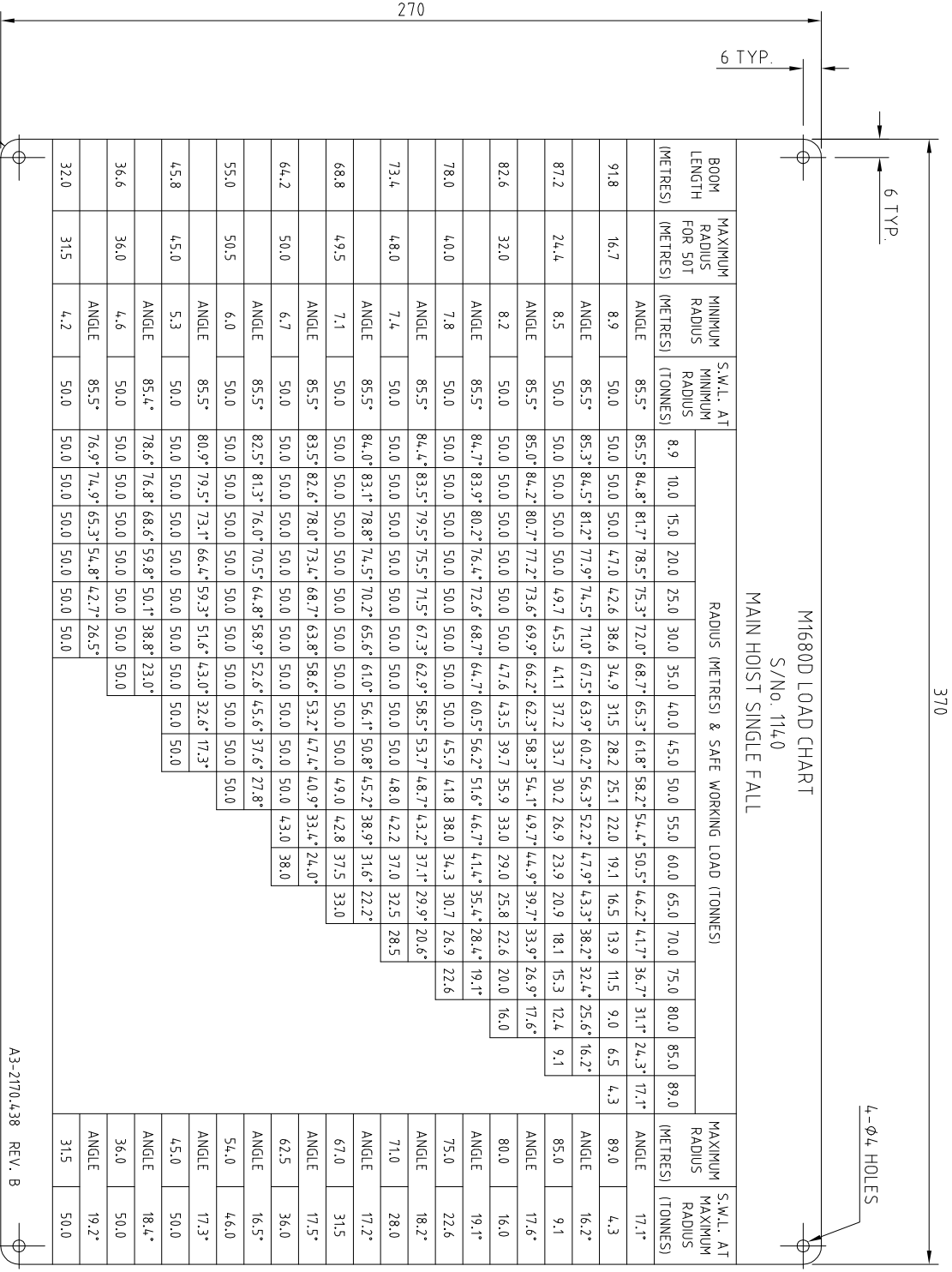


| Mat. List | Item | Qty | Description | Length | Material         | kg |
|-----------|------|-----|-------------|--------|------------------|----|
|           | 1    | 1   | 15mm x 270  | 370    | WHITE TRAFFOLYTE | -  |



| BOOM LENGTH (METRES) | MAXIMUM RADIUS FOR 50T (METRES) | MINIMUM RADIUS (METRES) | S.W.L. AT MINIMUM RADIUS (TONNES) | RADIUS (METRES) & SAFE WORKING LOAD (TONNES) |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       | MAXIMUM RADIUS (METRES) | S.W.L. AT MAXIMUM RADIUS (TONNES) |      |  |
|----------------------|---------------------------------|-------------------------|-----------------------------------|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------------------------|-----------------------------------|------|--|
|                      |                                 |                         |                                   | 8.9  | 10.0  | 15.0  | 20.0  | 25.0  | 30.0  | 35.0  | 40.0  | 45.0  | 50.0  | 55.0  | 60.0  | 65.0  | 70.0  | 75.0  | 80.0  | 85.0  |                         |                                   | 89.0 |  |
| 91.8                 | 16.7                            | 8.9                     | 50.0                              | 85.5°  | 84.8° | 81.7° | 78.5° | 75.3° | 72.0° | 68.7° | 65.3° | 61.8° | 58.2° | 54.4° | 50.5° | 46.2° | 41.7° | 36.7° | 31.1° | 24.3° | 17.1°                   | 89.0                              | 4.3  |  |
| 87.2                 | 24.4                            | 8.5                     | 50.0                              | 85.5°  | 84.5° | 81.2° | 77.9° | 74.5° | 71.0° | 67.5° | 63.9° | 60.2° | 56.3° | 52.2° | 47.9° | 43.3° | 38.2° | 32.4° | 25.6° | 16.2° |                         |                                   |      |  |
| 82.6                 | 32.0                            | 8.2                     | 50.0                              | 85.5°  | 84.2° | 80.7° | 77.2° | 73.6° | 69.9° | 66.2° | 62.3° | 58.3° | 54.1° | 49.7° | 44.9° | 39.7° | 33.9° | 26.9° | 17.6° |       |                         |                                   |      |  |
| 78.0                 | 40.0                            | 7.8                     | 50.0                              | 85.5°  | 84.7° | 83.9° | 80.2° | 76.4° | 72.6° | 68.7° | 64.7° | 60.5° | 56.2° | 51.6° | 46.7° | 41.4° | 35.4° | 28.4° | 19.1° |       |                         |                                   |      |  |
| 73.4                 | 48.0                            | 7.4                     | 50.0                              | 85.5°  | 84.4° | 83.5° | 79.5° | 75.5° | 71.5° | 67.3° | 62.9° | 58.5° | 53.7° | 48.7° | 43.2° | 37.1° | 29.9° | 20.6° |       |       |                         |                                   |      |  |
| 68.8                 | 49.5                            | 7.1                     | 50.0                              | 85.5°  | 84.0° | 83.1° | 78.8° | 74.5° | 70.2° | 65.6° | 61.0° | 56.1° | 50.8° | 45.2° | 38.9° | 31.6° | 22.2° |       |       |       |                         |                                   |      |  |
| 64.2                 | 50.0                            | 6.7                     | 50.0                              | 85.5°  | 83.5° | 82.6° | 78.0° | 73.4° | 68.7° | 63.8° | 58.6° | 53.2° | 47.4° | 40.9° | 33.4° | 24.0° |       |       |       |       |                         |                                   |      |  |
| 55.0                 | 50.5                            | 6.0                     | 50.0                              | 85.5°  | 82.5° | 81.3° | 76.0° | 70.5° | 64.8° | 58.9° | 52.6° | 45.6° | 37.6° | 27.8° |       |       |       |       |       |       |                         |                                   |      |  |
| 45.8                 | 45.0                            | 5.3                     | 50.0                              | 85.5°  | 80.9° | 79.5° | 73.1° | 66.4° | 59.3° | 51.6° | 43.0° | 32.6° | 17.3° |       |       |       |       |       |       |       |                         |                                   |      |  |
| 36.6                 | 36.0                            | 4.6                     | 50.0                              | 85.5°  | 78.6° | 76.8° | 68.6° | 59.8° | 50.1° | 38.8° | 23.0° |       |       |       |       |       |       |       |       |       |                         |                                   |      |  |
| 32.0                 | 31.5                            | 4.2                     | 50.0                              | 85.5°  | 76.9° | 74.9° | 65.3° | 54.8° | 42.7° | 26.5° |       |       |       |       |       |       |       |       |       |       |                         |                                   |      |  |

- NOTES
1. CRANE LOAD CHART TO BE LOCATED IN DRIVERS CONTROL CABIN.
  2. MATERIAL IS WHITE TRAFFOLYTE WITH 3.5mm & 5mm BLACK TEXT FOR EXTERNAL USE.

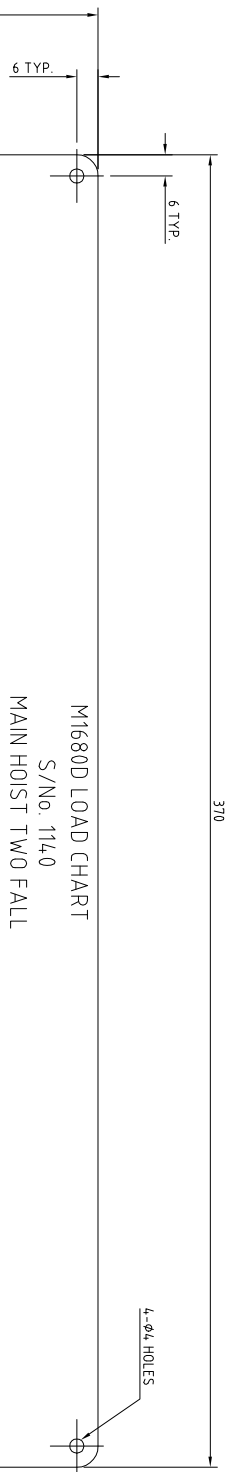
A3-2170.438 REV. B

|          |          |                                |   |    |   |
|----------|----------|--------------------------------|---|----|---|
| Checked  | 28/10/03 | CRANE PROJECT NAME WAS M1680DX | - | US | B |
| Date     | 21/03/03 | ORIGINAL ISSUE                 | - | CN | A |
| Revision |          |                                |   |    |   |

**FAVELLE**  
 A subsidiary of Mubashar Engineering (M) BHD  
 Favelle Favco Cranes Pty. Ltd.  
 A.B.N. 29 67 562 449  
 First Used On S/No. 1140

|                |   |               |       |            |              |        |      |
|----------------|---|---------------|-------|------------|--------------|--------|------|
| Title          | 32.0m TO 91.8m LOAD CHART (SINGLE FALL) |               |       |            | Activity No. | 210    |      |
| Drawn          | CHERYL                                  | Checked       | PB    | Date Drawn | 21/03/03     | Scale  | 1:15 |
| Approved       | BMC                                     | Eng. Approved |       | Sheet      | 1 of 1       | Weight | -    |
| Drawing Number | A3-2170.438                             |               | Issue | B          |              |        |      |

| Material List |      |     |             |        |                  |    |
|---------------|------|-----|-------------|--------|------------------|----|
| Cat.          | Item | Qty | Description | Length | Material         | kg |
| 1             | 1    | 1   | 15mm x 270  | 370    | WHITE TRAFFOLYTE | -  |



M1680D LOAD CHART  
S/No. 1140  
MAIN HOIST TWO FALL

| BOOM LENGTH (METRES) | MAXIMUM RADIUS FOR 100T (METRES) | MINIMUM RADIUS (METRES) | S.W.L. AT MINIMUM RADIUS (TONNES) | RADIUS (METRES) & SAFE WORKING LOAD (TONNES) |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       | MAXIMUM RADIUS (METRES) | S.W.L. AT MAXIMUM RADIUS (TONNES) |       |       |
|----------------------|----------------------------------|-------------------------|-----------------------------------|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------------------------|-----------------------------------|-------|-------|
|                      |                                  |                         |                                   | 8.9  | 10.0  | 15.0  | 20.0  | 25.0  | 30.0  | 35.0  | 40.0  | 45.0  | 50.0  | 55.0  | 60.0  | 65.0  | 70.0  | 75.0  | 80.0  |                         |                                   | 85.0  | 89.0  |
| 91.8                 | -                                | 8.9                     | 55.0                              | 85.5°  | 84.8° | 81.6° | 78.5° | 75.3° | 72.0° | 68.7° | 65.3° | 61.8° | 58.1° | 54.4° | 50.4° | 46.2° | 41.6° | 36.6° | 30.9° | 24.0°                   | 16.6°                             | ANGLE | 16.6° |
| 87.2                 | -                                | 8.5                     | 66.1                              | 85.5°  | 84.5° | 81.2° | 77.9° | 74.5° | 71.0° | 67.5° | 63.9° | 60.1° | 56.2° | 52.1° | 47.8° | 43.2° | 38.1° | 32.3° | 25.3° | 15.6°                   | ANGLE                             | 15.6° |       |
| 82.6                 | -                                | 8.2                     | 74.9                              | 85.5°  | 84.2° | 80.7° | 77.2° | 73.6° | 69.9° | 66.2° | 62.3° | 58.3° | 54.1° | 49.6° | 44.8° | 39.6° | 33.7° | 26.7° | 17.1° | ANGLE                   | 17.1°                             |       |       |
| 78.0                 | -                                | 7.8                     | 86.5                              | 85.5°  | 84.7° | 83.9° | 80.2° | 76.4° | 72.6° | 68.7° | 64.6° | 60.5° | 56.1° | 51.5° | 46.6° | 41.3° | 35.2° | 28.1° | 18.6° | ANGLE                   | 18.6°                             |       |       |
| 73.4                 | -                                | 7.4                     | 99.6                              | 85.5°  | 84.3° | 83.5° | 79.5° | 75.5° | 71.4° | 67.2° | 62.9° | 58.4° | 53.7° | 48.6° | 43.1° | 36.9° | 29.7° | 20.1° | ANGLE | 17.7°                   |                                   |       |       |
| 68.8                 | 23.9                             | 7.1                     | 100.0                             | 85.5°  | 84.0° | 83.0° | 78.8° | 74.5° | 70.1° | 65.6° | 60.9° | 56.0° | 50.8° | 45.1° | 38.7° | 31.4° | 21.8° | ANGLE | 16.5° |                         |                                   |       |       |
| 64.2                 | 27.6                             | 6.7                     | 100.0                             | 85.5°  | 83.5° | 82.5° | 78.0° | 73.4° | 68.6° | 63.7° | 58.6° | 53.2° | 47.3° | 40.8° | 33.2° | 23.5° | ANGLE | 16.8° |       |                         |                                   |       |       |
| 55.0                 | 27.9                             | 6.0                     | 100.0                             | 85.5°  | 82.4° | 81.3° | 76.0° | 71.4° | 66.8° | 62.0° | 57.0° | 51.5° | 45.5° | 39.0  | 34.0  | 29.5  | ANGLE | 28.0  |       |                         |                                   |       |       |
| 45.8                 | 28.2                             | 5.3                     | 100.0                             | 85.5°  | 80.9° | 79.5° | 73.0° | 66.3° | 59.2° | 51.5° | 42.8° | 32.2° | 16.3° | ANGLE | 15.6° |       |       |       |       |                         |                                   |       |       |
| 36.6                 | 28.4                             | 4.6                     | 100.0                             | 85.4°  | 78.6° | 76.8° | 68.5° | 59.7° | 50.0° | 38.4° | 22.2° | ANGLE | 17.3° |       |       |       |       |       |       |                         |                                   |       |       |
| 32.0                 | 28.5                             | 4.2                     | 100.0                             | 85.5°  | 76.9° | 74.9° | 65.2° | 54.7° | 42.4° | 25.7° | ANGLE | 18.0° |       |       |       |       |       |       |       |                         |                                   |       |       |
|                      |                                  |                         | 100.0                             | 100.0  | 100.0 | 100.0 | 100.0 | 100.0 | 94.5  | ANGLE | 31.5  |       |       |       |       |       |       |       |       |                         |                                   |       |       |

A3-2170.439 REV. B

- NOTES
1. CRANE LOAD CHART TO BE LOCATED IN DRIVERS CONTROL CABIN.
  2. MATERIAL IS WHITE TRAFFOLYTE WITH 3.5mm & 5mm BLACK TEXT FOR EXTERNAL USE.

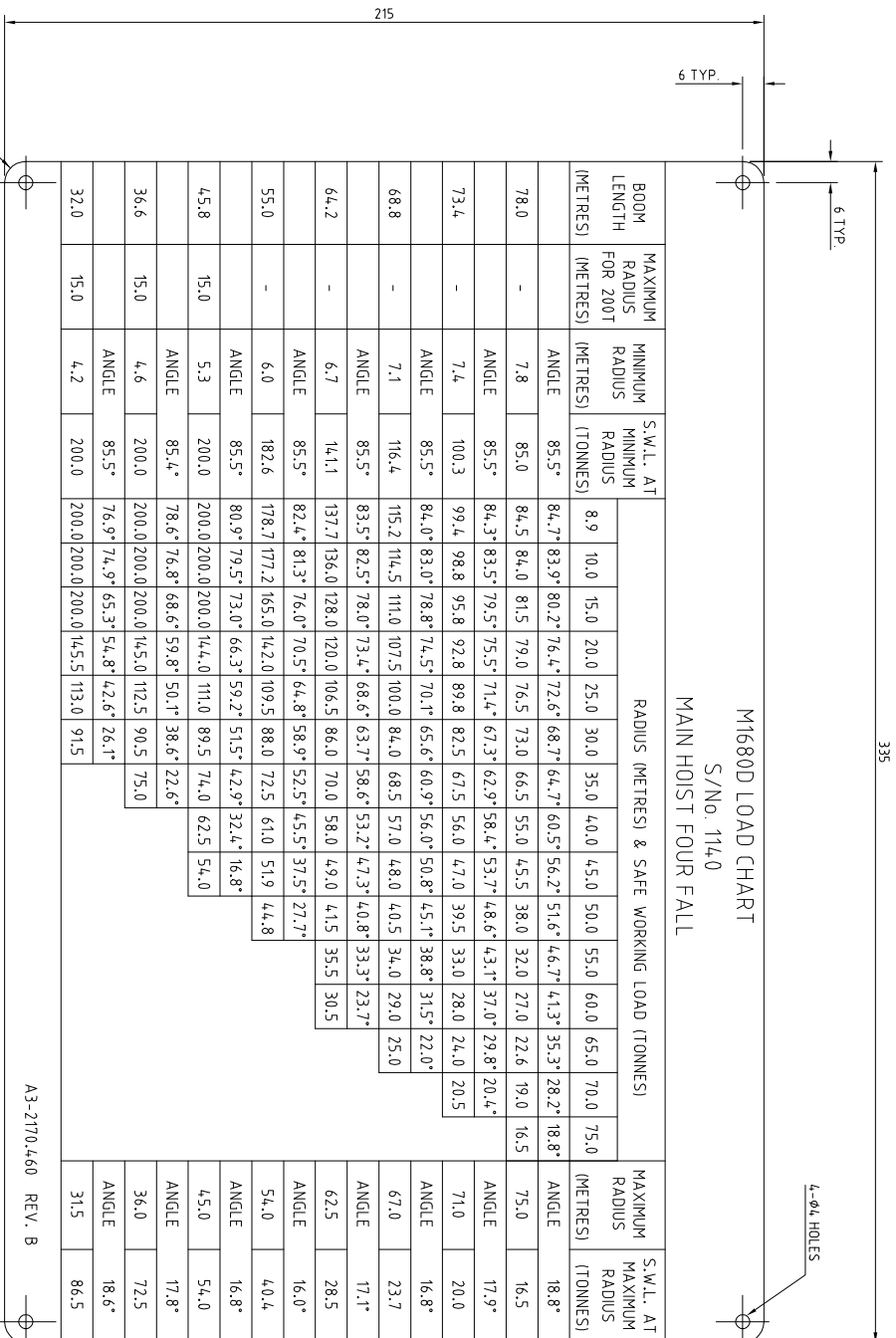
|          |          |                                |   |    |
|----------|----------|--------------------------------|---|----|
| Checked  | 28/10/03 | CRANE PROJECT NAME WAS M1680DX | - | US |
| Date     | 21/03/03 | ORIGINAL ISSUE                 | - | CN |
| Revision |          |                                |   | A  |

**FAYELLE**  
 A subsidiary of Mubshah Engineering (M) BHD  
 Favalle Favco Cranes Pty. Ltd.  
 A.B.N. 29 667 562 449  
 First Used On S/No. 1140

|          |              |                |       |        |        |       |
|----------|--------------|----------------|-------|--------|--------|-------|
| Drawn    | Checked      | Date Drawn     | Scale | Sheet  | Weight | Issue |
| CHERYL   | PB           | 21/03/03       | 1:15  | 1 of 1 | -      | B     |
| Approved | Eng Approved | Drawing Number |       |        |        |       |
| BMC      |              | A3-2170.439    |       |        |        |       |

Title: 32.0m TO 91.8m LOAD CHART (DOUBLE FALL)  
 Project: M1680D TOWER CRANE  
 Activity No: 210

| Material List |      |     |             |        |                  |    |
|---------------|------|-----|-------------|--------|------------------|----|
| Cat.          | Item | Qty | Description | Length | Material         | kg |
|               | 1    | 1   | 15mm x 215  | 335    | WHITE TRAFFOLYTE | -  |



- NOTES
1. CRANE LOAD CHART TO BE LOCATED IN DRIVERS CONTROL CABIN.
  2. MATERIAL IS WHITE TRAFFOLYTE WITH 3.5mm & 5mm BLACK TEXT FOR EXTERNAL USE.

|          |          |                                |   |    |   |
|----------|----------|--------------------------------|---|----|---|
| Checked  | 28.10.03 | CRANE PROJECT NAME WAS M1680DX | - | US | B |
| Date     | 30.05.03 | ORIGINAL ISSUE                 | - | CN | A |
| Revision |          |                                |   |    |   |

**FAYVCO**  
 A subsidiary of Mubshah Engineering (M) BHD  
 Favalle Favco Cranes Pty. Ltd.  
 A.B.N. 29 667 562 449

|          |        |              |    |                |             |       |      |       |        |        |   |       |   |
|----------|--------|--------------|----|----------------|-------------|-------|------|-------|--------|--------|---|-------|---|
| Drawn    | CHERYL | Checked      | PB | Date Drawn     | 30.05.03    | Scale | 1:15 | Sheet | 1 of 1 | Weight | - | Issue | B |
| Approved | BMC    | Eng Approved |    | Drawing Number | A3-2170.460 |       |      |       |        |        |   |       |   |

Title: 32.0m TO 78.0m LOAD CHART (FOUR FALL)  
 Project: M1680D TOWER CRANE  
 Activity No: 210  
 First Used On S/No: 114.0