


| SHOP BILL OF MATERIAL |          |      |      |   |        |                                   |       |         | Total weight : 372 |
|-----------------------|----------|------|------|---|--------|-----------------------------------|-------|---------|--------------------|
| SEQ NO                | SEQ QUAN | MARK | QUAN | ITEM  | LENGTH | WEIGHT                            | GRADE | REMARKS | PR                 |
| I                     | I        | 4B1  | ONE  | BEAM  |        | 158                               |       |         |                    |
|                       |          | B1   | 1    | M16x36  | 1      | 7 <sup>15</sup> / <sub>16</sub>   | 60    | A992    | SIC                |
|                       |          | p87  | 1    | PL1x8   | 1      | 10 <sup>7</sup> / <sub>8</sub>    | 50    | A36     |                    |
|                       |          | p123 | 2    | FL <sup>1</sup> / <sub>2</sub> x6                             | 1      | 6 <sup>1</sup> / <sub>2</sub>     | 30    | A36     |                    |
|                       |          | p120 | 1    | FL <sup>3</sup> / <sub>8</sub> x12                            | 0      | 6 <sup>1</sup> / <sub>2</sub>     | 8     | A36     |                    |
|                       |          |      | 16   | TC <sup>3</sup> / <sub>4</sub> Dia F1852                      | 0      | 2                                 | 10    |         | 1HD WASH           |
|                       |          |      |      | FIELD BOLTS   |        |                                   |       |         |                    |
|                       |          |      | 8    | TC <sup>3</sup> / <sub>4</sub> Dia F1852SC                    | 0      | 2 <sup>3</sup> / <sub>4</sub>     |       |         | 1HD WASH           |
| I                     | I        | 4B2  | ONE  | BEAM  |        | 77                                |       |         |                    |
|                       |          | B2   | 1    | M16x36  | 1      | 8 <sup>1</sup> / <sub>2</sub>     | 62    | A992    |                    |
|                       |          | p139 | 1    | FL <sup>3</sup> / <sub>8</sub> x10                            | 0      | 7 <sup>1</sup> / <sub>8</sub>     | 7     | A36     |                    |
|                       |          | p128 | 1    | FL <sup>3</sup> / <sub>8</sub> x4 <sup>1</sup> / <sub>2</sub> | 0      | 10 <sup>1</sup> / <sub>16</sub> s | 5     | A36     |                    |
|                       |          | p129 | 1    | FL <sup>1</sup> / <sub>4</sub> x4 <sup>1</sup> / <sub>2</sub> | 1      | 2 <sup>3</sup> / <sub>8</sub>     | 4     | A36     |                    |
|                       |          |      |      | FIELD BOLTS   |        |                                   |       |         |                    |
|                       |          |      | 16   | TC <sup>3</sup> / <sub>4</sub> Dia F1852                      | 0      | 2                                 |       |         | 1HD WASH           |
| I                     | I        | 4B3  | ONE  | BEAM  |        | 137                               |       |         |                    |
|                       |          | B3   | 1    | M16x36  | 3      | 5 <sup>3</sup> / <sub>4</sub>     | 117   | A992    |                    |
|                       |          | m189 | 1    | PcM6x25   | 0      | 9                                 | 10    | A992    |                    |
|                       |          | p46  | 1    | FL <sup>3</sup> / <sub>8</sub> x4 <sup>1</sup> / <sub>2</sub> | 1      | 2 <sup>3</sup> / <sub>8</sub>     | 7     | A36     |                    |
|                       |          | m199 | 4    | <sup>3</sup> / <sub>4</sub> Dia STUD                          | 0      | 6 <sup>3</sup> / <sub>16</sub>    | 3     | A108    | HEADED             |

SHOP NOTES:  
1)  INDICATES SPOT OF PAINT

|   |                        |              |          |      |    |      |         |  |         |            |      |   |
|---|------------------------|--------------|----------|------|----|------|---------|--|---------|------------|------|---|
| SURFACE PREPARATION:<br>NONE<br><br>SHOP PAINT:<br><br>NONE | OPEN HOLES             | 13/16" Ø U/N |          |      |    |      |         | AMERICAN INSTITUTE OF STEEL CONSTRUCTION<br>PROJECT: STRUCTURAL STEEL TEACHING SCULPTURE |         |            |      | <br>DOUGLAS STEEL<br>FABRICATING CORPORATION<br><small>rsteffens</small> |
|   | ALL MAT'L              | A36 U/N      |          |      |    |      |         | CUSTOMER: AMERICAN INSTITUTE OF STEEL CONSTRUCTION                                       |         |            |      |   |
|   | WELD = E70XX ELECTRODE | NO.          | REVISION | CODE | BY | DATE | DRAWN   | RAS  | 07/2010 | SHOP ORDER | XXXX |   |
|   |                        |              |          |      |    |      | CHECKED | CT   |         | SHEET NO.  | 4    |   |
|   |                        |              |          |      |    |      |         |  |         |            |      |   |