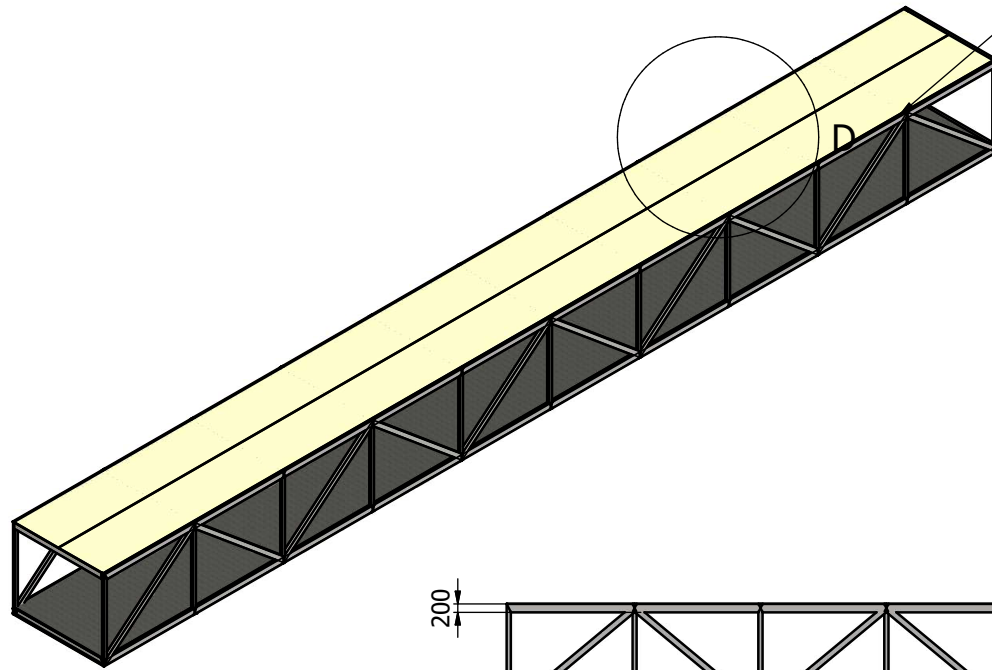
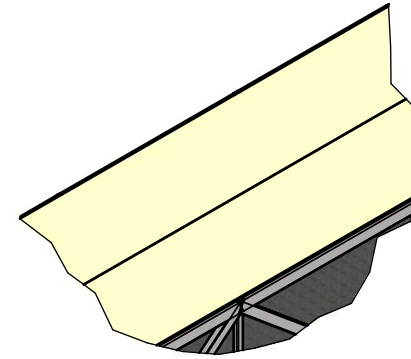


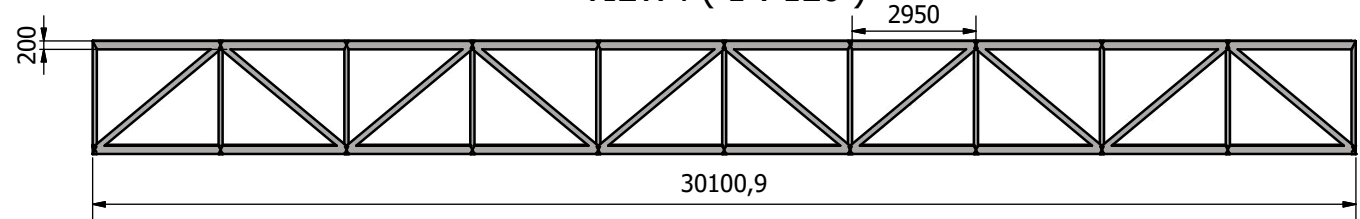
VIEW1 ( 1:120 )



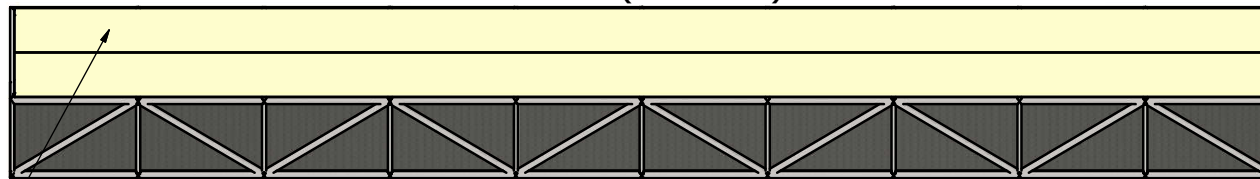
D ( 1 : 60 )



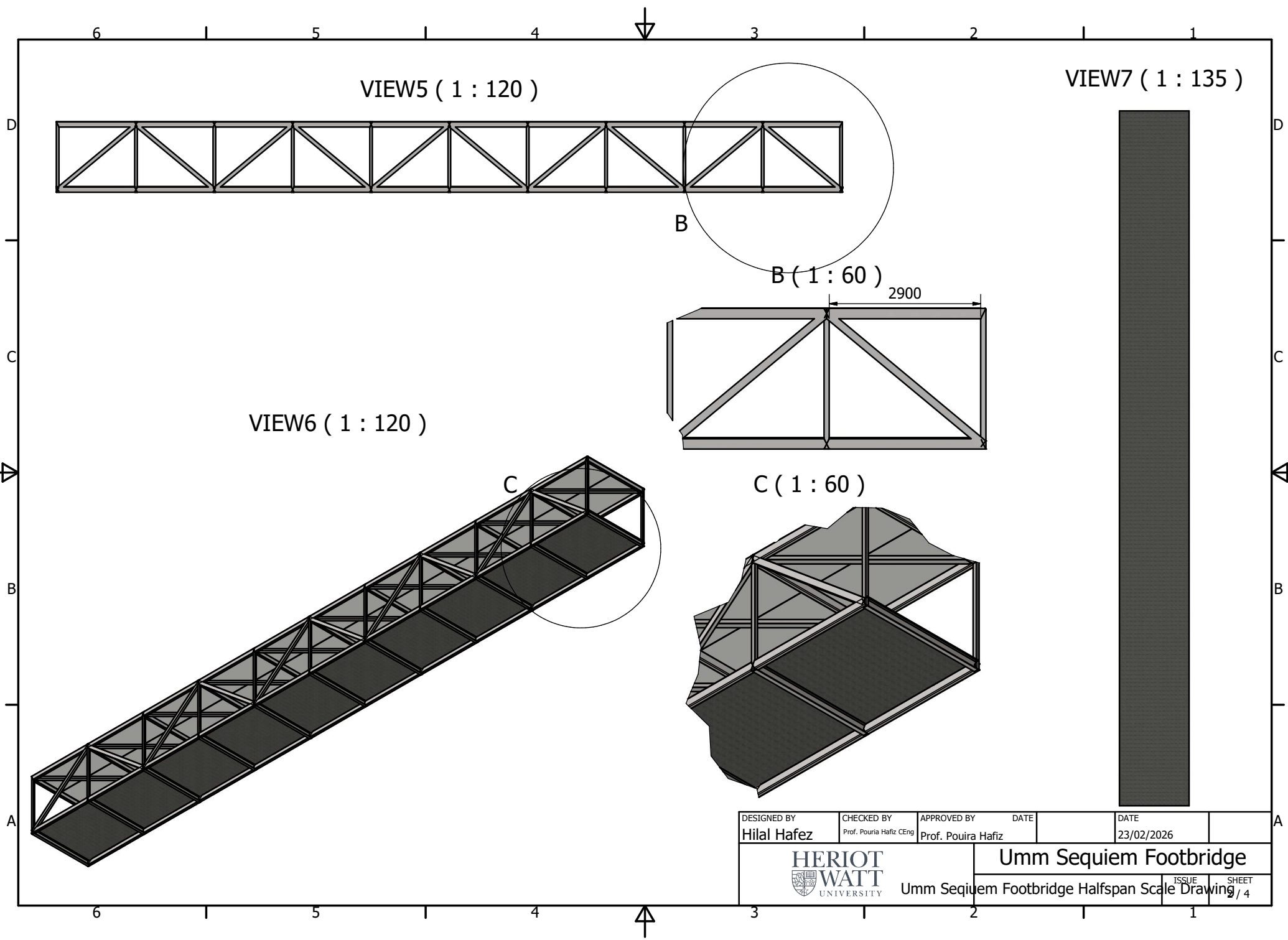
VIEW4 ( 1 : 120 )



VIEW3 ( 1 : 120 )

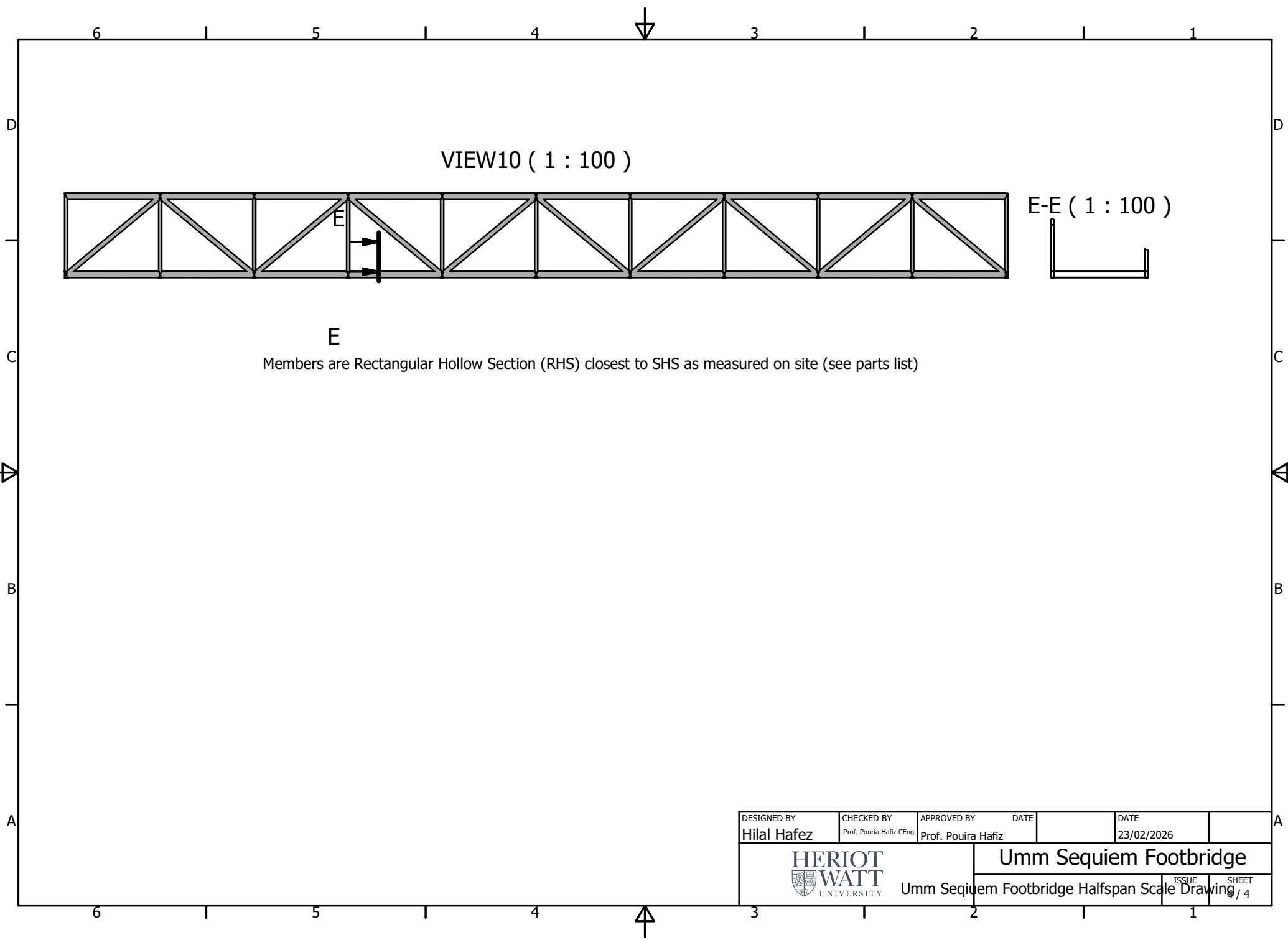


|                                               |                                       |                                   |                        |                |
|-----------------------------------------------|---------------------------------------|-----------------------------------|------------------------|----------------|
| DESIGNED BY<br>Hilal Hafez                    | CHECKED BY<br>Prof. Pouria Hafiz CEng | APPROVED BY<br>Prof. Pouria Hafiz | DATE<br>23/02/2026     |                |
| HERIOT WATT UNIVERSITY                        |                                       |                                   | Umm Sequiem Footbridge |                |
| Umm Sequiem Footbridge Halfspan Scale Drawing |                                       |                                   | ISSUE                  | SHEET<br>9 / 4 |



|                                               |                                       |                                   |                         |
|-----------------------------------------------|---------------------------------------|-----------------------------------|-------------------------|
| DESIGNED BY<br>Hilal Hafez                    | CHECKED BY<br>Prof. Pouria Hafiz CEng | APPROVED BY<br>Prof. Pouria Hafiz | DATE<br>23/02/2026      |
| HERIOT WATT UNIVERSITY                        |                                       |                                   | Umm Sequiem Footbridge  |
| Umm Sequiem Footbridge Halfspan Scale Drawing |                                       |                                   | ISSUE<br>SHEET<br>9 / 4 |

|            |               |                                          |                                                                                            |                                               |                                       |                                   |                    |
|------------|---------------|------------------------------------------|--------------------------------------------------------------------------------------------|-----------------------------------------------|---------------------------------------|-----------------------------------|--------------------|
| PARTS LIST |               |                                          |                                                                                            | VIEW9 ( 1 : 135 )                             |                                       |                                   |                    |
| ITEM       | QTY           | PART NUMBER                              | DESCRIPTION                                                                                |                                               |                                       |                                   |                    |
| 1          | 1             | Umm Sequiem Footbridge wireframe         |                                                                                            |                                               |                                       |                                   |                    |
| 2          | 5400.000 mm   | BS EN 10219-2 - 100 x 80 x 6.3 - 2700    | Cold formed welded structural hollow sections of non-alloy and fine grain structural steel |                                               |                                       |                                   |                    |
| 3          | 45000.000 mm  | BS EN 10219-2 - 100 x 80 x 6.3 - 2500    | Cold formed welded structural hollow sections of non-alloy and fine grain structural steel |                                               |                                       |                                   |                    |
| 4          | 5379.445 mm   | BS EN 10219-2 - 100 x 80 x 6.3 - 2689.72 | Cold formed welded structural hollow sections of non-alloy and fine grain structural steel |                                               |                                       |                                   |                    |
| 5          | 2950.000 mm   | BS EN 10219-2 - 200 x 100 x 8 - 2950     | Cold formed welded structural hollow sections of non-alloy and fine grain structural steel |                                               |                                       |                                   |                    |
| 6          | 117800.000 mm | BS EN 10219-2 - 200 x 100 x 8 - 3100     | Cold formed welded structural hollow sections of non-alloy and fine grain structural steel |                                               |                                       |                                   |                    |
| 7          | 26100.000 mm  | BS EN 10219-2 - 200 x 100 x 8 - 2900     | Cold formed welded structural hollow sections of non-alloy and fine grain structural steel |                                               |                                       |                                   |                    |
| 8          | 6192.000 mm   | BS EN 10219-2 - 200 x 100 x 8 - 3096     | Cold formed welded structural hollow sections of non-alloy and fine grain structural steel |                                               |                                       |                                   |                    |
| 9          | 3078.240 mm   | BS EN 10219-2 - 200 x 100 x 8 - 3078.24  | Cold formed welded structural hollow sections of non-alloy and fine grain structural steel |                                               |                                       |                                   |                    |
| 10         | 33000.000 mm  | BS 4 - 203x102x23 - 3000                 | Structural steel sections-Specification for hot-rolled sections                            |                                               |                                       |                                   |                    |
| 11         | 15870.499 mm  | BS EN 10219-2 - 150 x 100 x 5 - 3967.62  | Cold formed welded structural hollow sections of non-alloy and fine grain structural steel |                                               |                                       |                                   |                    |
| 12         | 64481.997 mm  | BS EN 10219-2 - 150 x 100 x 5 - 4030.12  | Cold formed welded structural hollow sections of non-alloy and fine grain structural steel |                                               |                                       |                                   |                    |
| 13         | 41492.759 mm  | BS EN 10219-2 - 150 x 100 x 5 - 4149.28  | Cold formed welded structural hollow sections of non-alloy and fine grain structural steel |                                               |                                       |                                   |                    |
| 14         | 1             | Steel decking Footbridge 20mm thick      |                                                                                            |                                               |                                       |                                   |                    |
| 15         | 2             | Brushed steel ceiling                    |                                                                                            |                                               |                                       |                                   |                    |
|            |               |                                          |                                                                                            | DESIGNED BY<br>Hilal Hafez                    | CHECKED BY<br>Prof. Pouria Hafiz CEng | APPROVED BY<br>Prof. Pouira Hafiz | DATE<br>23/02/2026 |
|            |               |                                          |                                                                                            | HERIOT WATT UNIVERSITY                        |                                       | Umm Sequiem Footbridge            |                    |
|            |               |                                          |                                                                                            | Umm Sequiem Footbridge Halfspan Scale Drawing |                                       | ISSUE                             | SHEET<br>9 / 4     |



VIEW10 ( 1 : 100 )

E-E ( 1 : 100 )

E

Members are Rectangular Hollow Section (RHS) closest to SHS as measured on site (see parts list)

|                                                                                                                    |                                       |                                               |                    |            |
|--------------------------------------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------------------|--------------------|------------|
| DESIGNED BY<br>Hilal Hafez                                                                                         | CHECKED BY<br>Prof. Pouria Hafiz CEng | APPROVED BY<br>Prof. Pouira Hafiz             | DATE<br>23/02/2026 |            |
| <br>HERIOT WATT<br>UNIVERSITY |                                       | Umm Sequiem Footbridge                        |                    |            |
|                                                                                                                    |                                       | Umm Sequiem Footbridge Halfspan Scale Drawing |                    |            |
|                                                                                                                    |                                       |                                               | ISSUE<br>1         | SHEET<br>4 |