

| Mark | Quantity | Size | Length (mm) | Width (mm) | Grade | Weight each (kg) | Total Weight (kg) | Surface Area (m²/part) | Total Surface (m²) |
|------------|----------|---------------------|----------------|---------------|-------|------------------------|-------------------------|------------------------------|--------------------------|
| BR1 | 1 | FL400X10 | | | | | | | |
| BR1 | 1 | FL400X10 | 5,907 | | S275 | 185.5 | 185.5 | 4.844 | 4.844 |
| | | | | | | | 185.5 | | 4.844 |
| C1 | 1 | UC254x254x73 | | | | | | | |
| C1 | 1 | UC254x254x73 | 2,432 | | S355 | 177.8 | 177.8 | 3.670 | 3.670 |
| F3 | 2 | PLT20x254 | 404 | 254 | S355 | 16.1 | 32.2 | 0.232 | 0.463 |
| | | | | | | | 210.0 | | 4.133 |
| C2 | 1 | UC254x254x73 | | | | | | | |
| C2 | 1 | UC254x254x73 | 2,432 | | S355 | 177.8 | 177.8 | 3.670 | 3.670 |
| F2 | 2 | PLT20x254 | 404 | 254 | S355 | 16.1 | 32.2 | 0.232 | 0.463 |
| | | | | | | | 210.0 | | 4.133 |
| R1 | 2 | UC254x254x89 | | | | | | | |
| FEnd Plate | 2 | PLT20x256.3 | 660 | 256 | S355 | 26.6 | 106.3 | 0.375 | 1.501 |
| FStiffener | 4 | PLT14.2x123 | 224 | 123 | S355 | 3.0 | 24.4 | 0.064 | 0.515 |
| R1 | 1 | UC254x254x89 | 5,908 | | S355 | 525.2 | 1,050.4 | 9.011 | 18.022 |
| | | | | | | | 1,181.1 | | 20.037 |
| | 21 | | | | | | 1,786.6 | | 33.148 |

MATERIAL LIST - SUMMARY



| Mark | Size | Quantity | Grade | Length (mm) | Width (mm) | Weight each (kg) | Total Weight (kg) | Surface Area (m²/part) | Total Surface (m²) | Area (m²) |
|---------------------|--------------|----------|-------|----------------|---------------|------------------------|-------------------------|------------------------------|--------------------------|--------------|
| FL400X10 | | | | | | | | | | |
| BR1 | FL400X10 | 1 | S275 | 5,907 | | 185.5 | 185.5 | 4.844 | 4.844 | |
| | | 1 | | 5,907 | | | 185.5 | | 4.844 | |
| UC254x254x73 | | | | | | | | | | |
| C1 | UC254x254x73 | 1 | S355 | 2,432 | | 177.8 | 177.8 | 3.670 | 3.670 | |
| C2 | UC254x254x73 | 1 | S355 | 2,432 | | 177.8 | 177.8 | 3.670 | 3.670 | |
| | | 2 | | 4,863 | | | 355.5 | | 7.341 | |
| UC254x254x89 | | | | | | | | | | |
| R1 | UC254x254x89 | 2 | S355 | 5,908 | | 525.2 | 1,050.4 | 9.011 | 18.022 | |
| | | 2 | | 11,816 | | | 1,050.4 | | 18.022 | |
| PLT14 | | | | | | | | | | |
| FStiffener | PLT14.2x123 | 8 | S355 | 224 | 123 | 3.0 | 24.4 | 0.064 | 0.515 | 0.027 |
| | | 8 | | | | | 24.4 | | 0.515 | 0.219 |
| PLT20 | | | | | | | | | | |
| F2 | PLT20x254 | 2 | S355 | 404 | 254 | 16.1 | 32.2 | 0.232 | 0.463 | 0.103 |
| F3 | PLT20x254 | 2 | S355 | 404 | 254 | 16.1 | 32.2 | 0.232 | 0.463 | 0.103 |
| FEnd Plate | PLT20x256.3 | 4 | S355 | 660 | 256 | 26.6 | 106.3 | 0.375 | 1.501 | 0.169 |
| | | 8 | | | | | 170.7 | | 2.427 | 1.087 |

| Mark | Size | Quantity | Grade | Length (mm) | Width (mm) | Weight each (kg) | Total Weight (kg) | Surface Area (m ² /part) | Total Surface Area (m ²) | Area (m ²) |
|------|------|----------|-------|----------------|---------------|------------------------|-------------------------|---|---|---------------------------|
|------|------|----------|-------|----------------|---------------|------------------------|-------------------------|---|---|---------------------------|

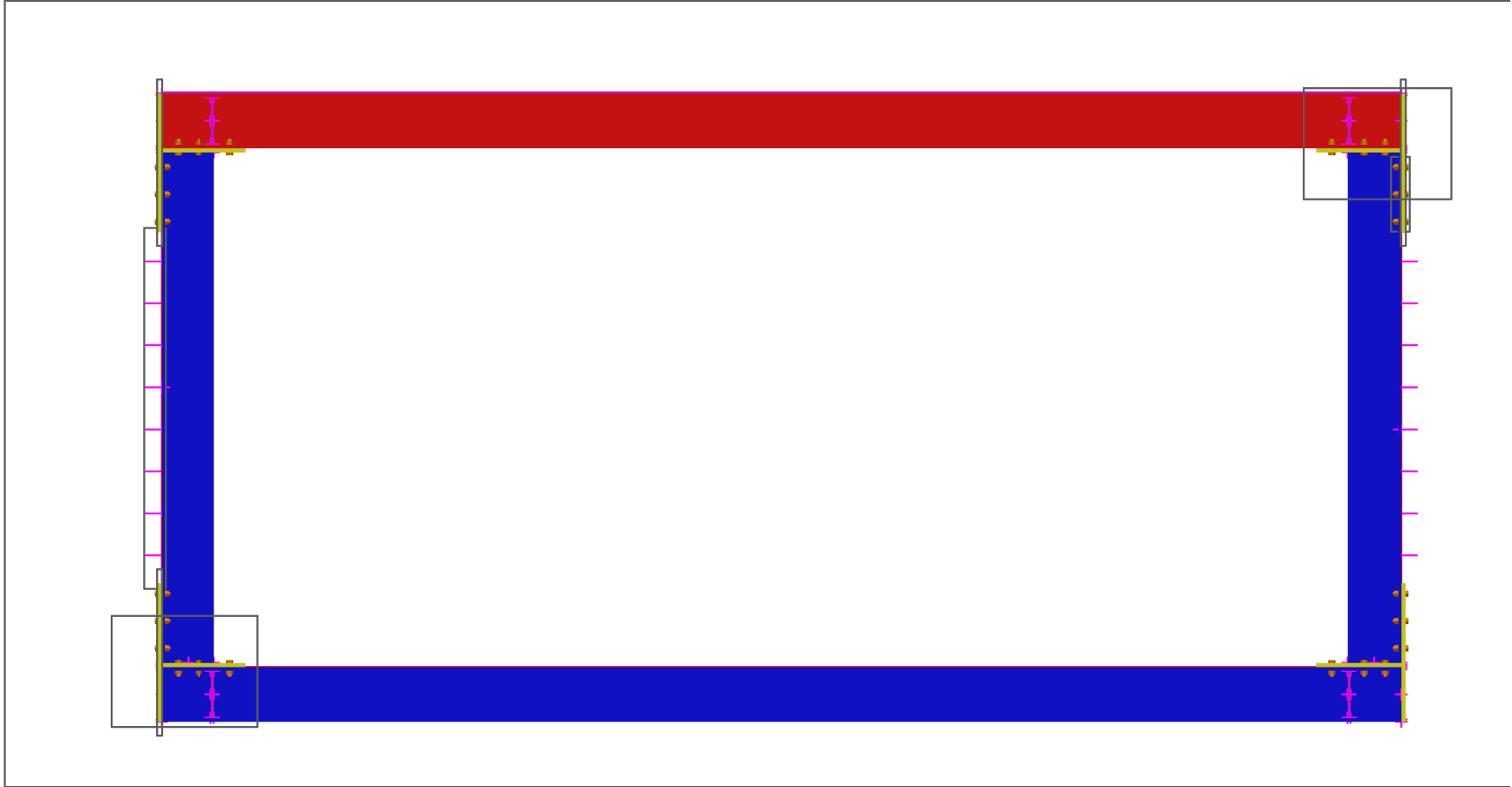
Threaded Studs

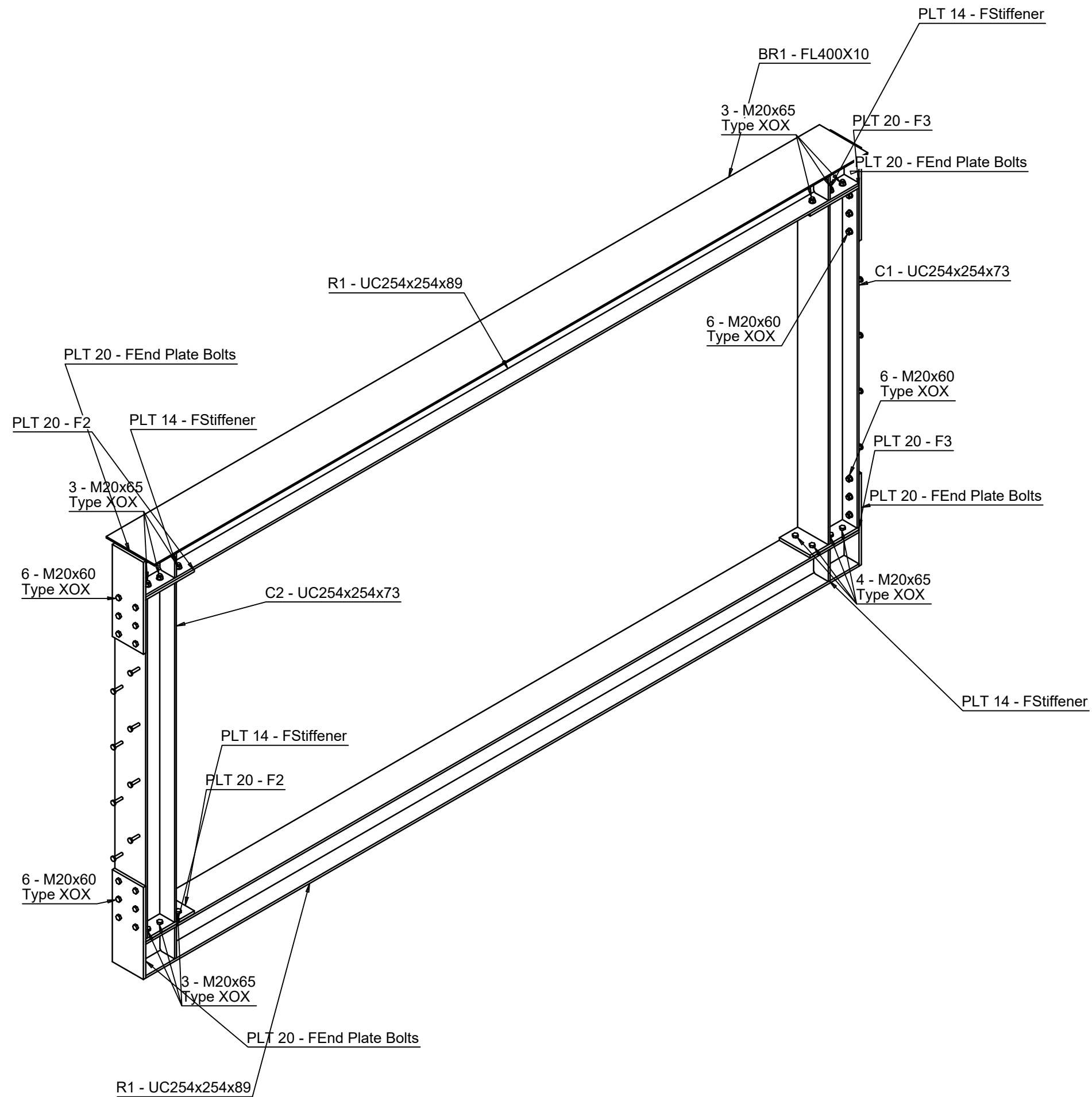
| | | | | | | | | | | |
|--------|-------------------------|----|----------|-----|--|-----|---------|--|--------|--|
| none-1 | 13918 SD S235J2G3 16 75 | 16 | S235J2G3 | 600 | | 1.2 | 26 | | | |
| | | 16 | | | | | 26 | | | |
| | | 37 | | | | | 1,789.1 | | 33.148 | |



BOLT LIST

| Size | Length (mm) | Grade | Coating | Quantity | Type | Weight each (kg) | Total Weight (kg) | Description |
|---|----------------|-------|-------------|----------|------|------------------------|-------------------------|-------------|
| M20 x 65 XOX 8.8 - Bright Zinc Plated - | 65 | 8.8 | Bright Zinc | 24 | XOX | 0.3 | 7.0 | |
| M20 x 60 XOX 8.8 - Bright Zinc Plated - | 60 | 8.8 | Bright Zinc | 24 | XOX | 0.3 | 6.7 | |
| | | | | 48 | | | 13.8 | |
| | | | | 48 | | | 13.8 | |





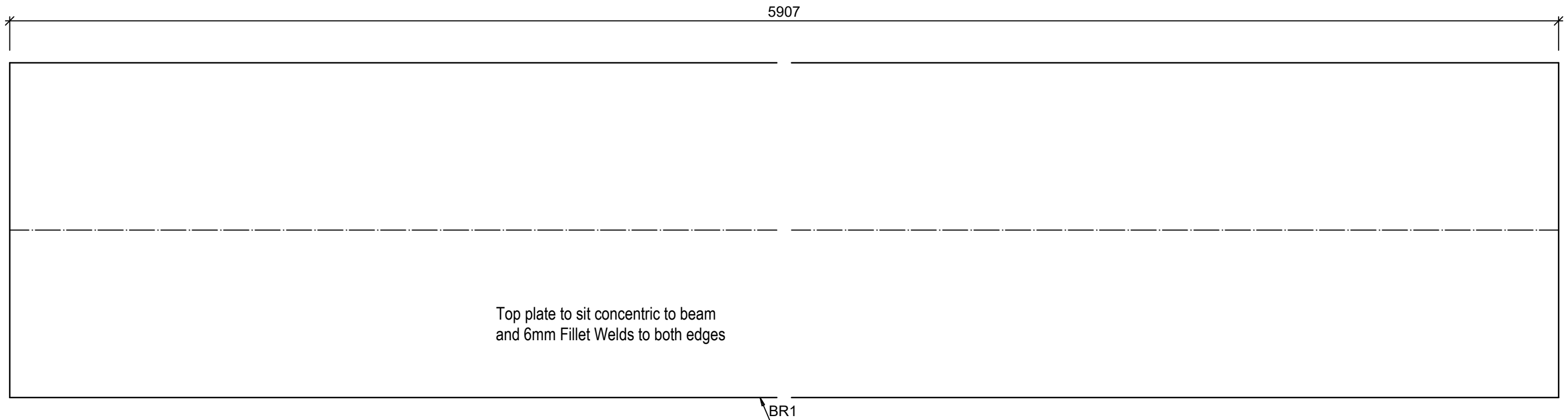
Detail

General Notes

1. This drawing must not be scaled.

| Index | Date | Description |
|--|--------------------------|--------------------|
| REVISIONS | | |
| Autodesk® | | |
| CLIENT Dylan Watkins | | |
| PROJECT BOX FRAME - The Coach House Sandridge Park, Sandridge | | |
| DRAWING TITLE Box Frame 3D with parts | | |
| DRAWN BY SB | CHECKED BY SB | DATE 11/07/2023 |
| | | SCALE As Noted |
| PROJECT No. PA-2023-318 | DRAWING No. [G] - 100 | REV Rev0 |

| | |
|-----|-----|
| LOT | QTY |
| | 1 |



1 No. Mkd BR1 (Coating as specified)

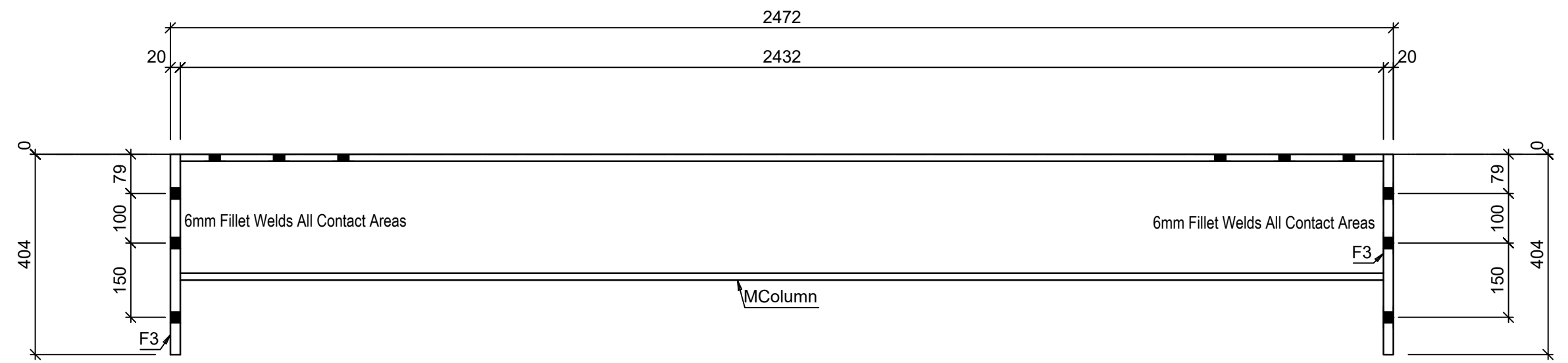
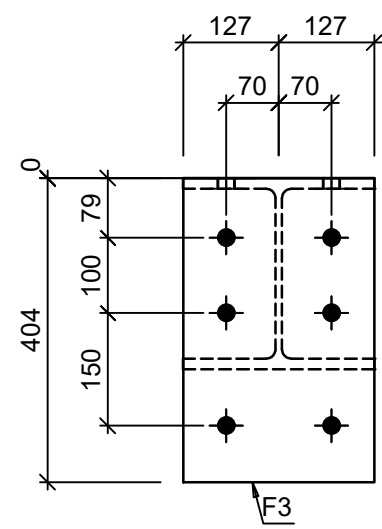
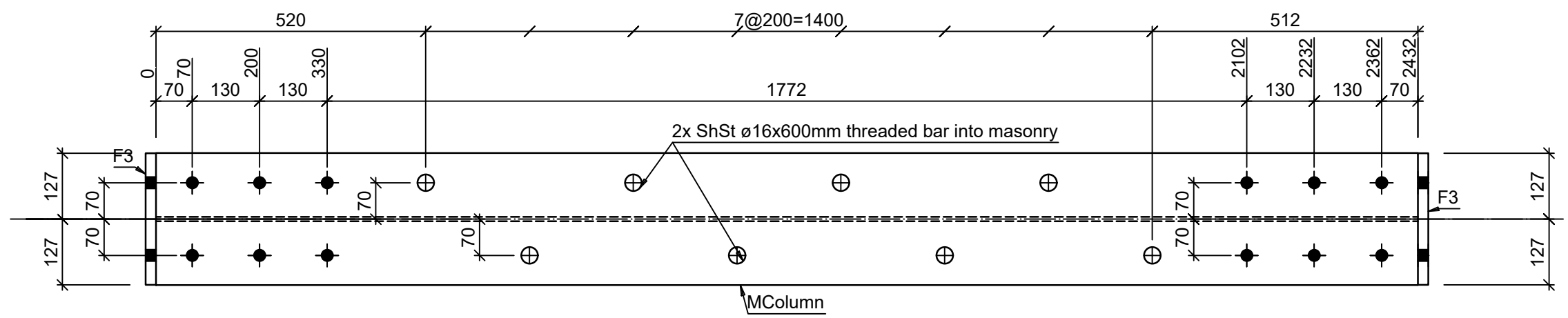
| Mark | Quantity | Profile | Length | Material | Area (m ²) | Weight (kg) |
|-------------------------|----------|-------------------------|--------|----------|------------------------|-------------|
| BR1 | 1 | Values for ONE assembly | | | | |
| BR1 | 1 | FL400X10 | 5907.4 | S275 | 4.84 | 185.49 |
| Totals for ONE assembly | | | | | 4.84 | 185.49 |

General Notes

1. All holes 22Ø U.N.O.
2. All welds continuous 6mm fillet U.N.O.
3. This drawing must not be scaled.

| Index | Date | Description | Author |
|------------------|--------------------|--------------|--|
| Autodesk® | | CONTRACT | BOX FRAME - The Coach House Sandridge |
| | | DESCRIPTION | T plate |
| DRAWN BY SB | DATE 11/07/2023 | SCALE 1:5 | JOB No. PA-2023-318 DRG No. [A] - BR1 Rev. Rev0 |

| | |
|-----|-----|
| LOT | QTY |
| | 1 |



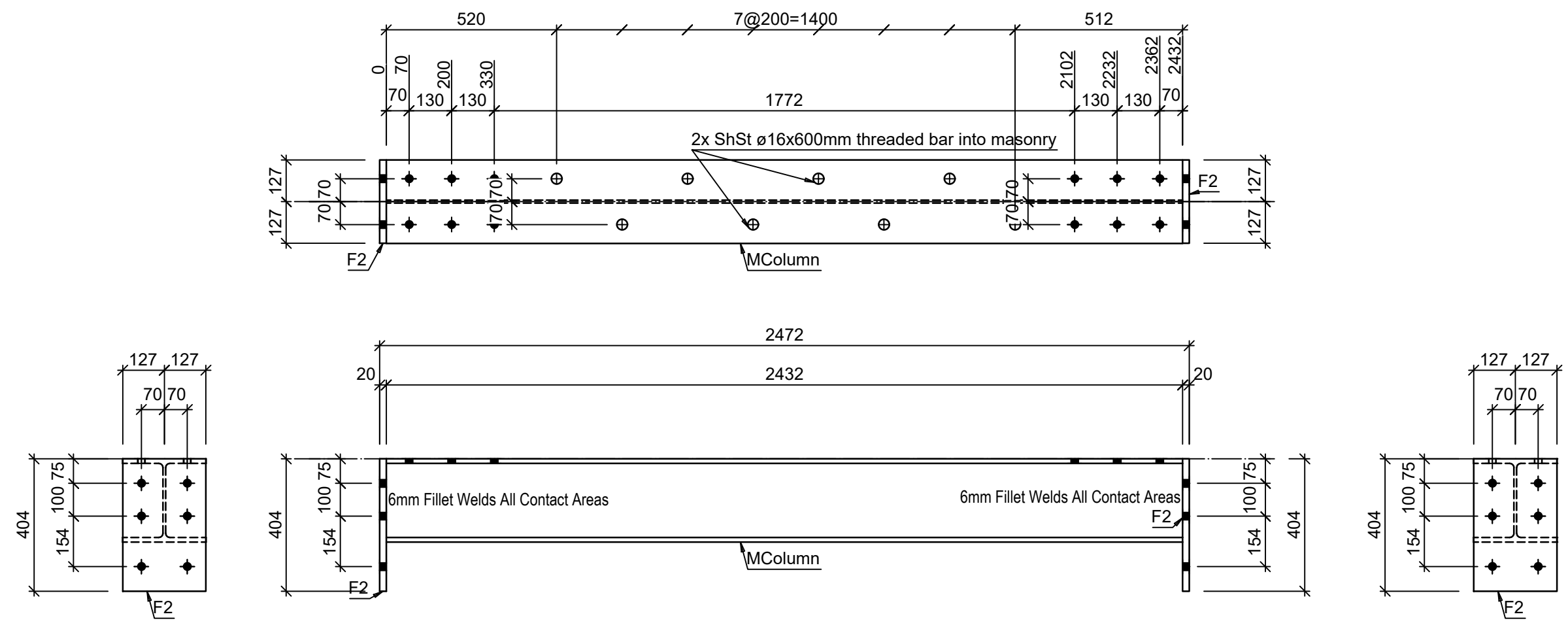
1 No. Mkd C1 (Coating as specified)

| Mark | Quantity | Profile | Length | Material | Area (m ²) | Weight (kg) |
|-------------------------|----------|-------------------------|--------|----------|------------------------|-------------|
| C1 | 1 | Values for ONE assembly | | | | |
| MCColumn | 1 | UC254x254x73 | 2431.7 | S355 | 3.67 | 177.76 |
| F3 | 2 | PLT20x254 | 404.0 | S355 | 0.23 | 32.22 |
| none-1 | 8 | 13918 SD S235J2G3 16 75 | 75.0 | S235J2G3 | 0.00 | 211.28 |
| Totals for ONE assembly | | | | | 4.13 | |

- General Notes**
1. All holes 22Ø U.N.O.
 2. All welds continuous 6mm fillet U.N.O.
 3. This drawing must not be scaled.

| Index | Date | Description | Author |
|-------------------|------------|-------------|---------------------------------------|
| Autodesk ® | | CONTRACT | BOX FRAME - The Coach House Sandridge |
| | | DESCRIPTION | Column |
| DRAWN BY | DATE | SCALE | JOB No. |
| SB | 11/07/2023 | 1:10 | PA-2023-318 |
| | | DRG No. | Rev. |
| | | [A] - C1 | Rev0 |

| | |
|-----|-----|
| LOT | QTY |
| | 1 |



1 No. Mkd C2 (Coating as specified)

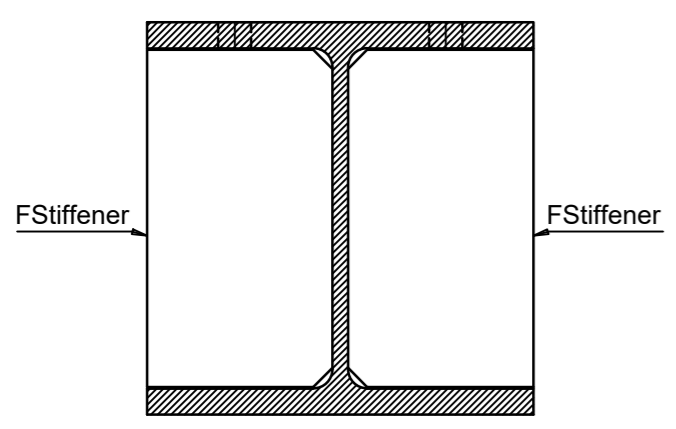
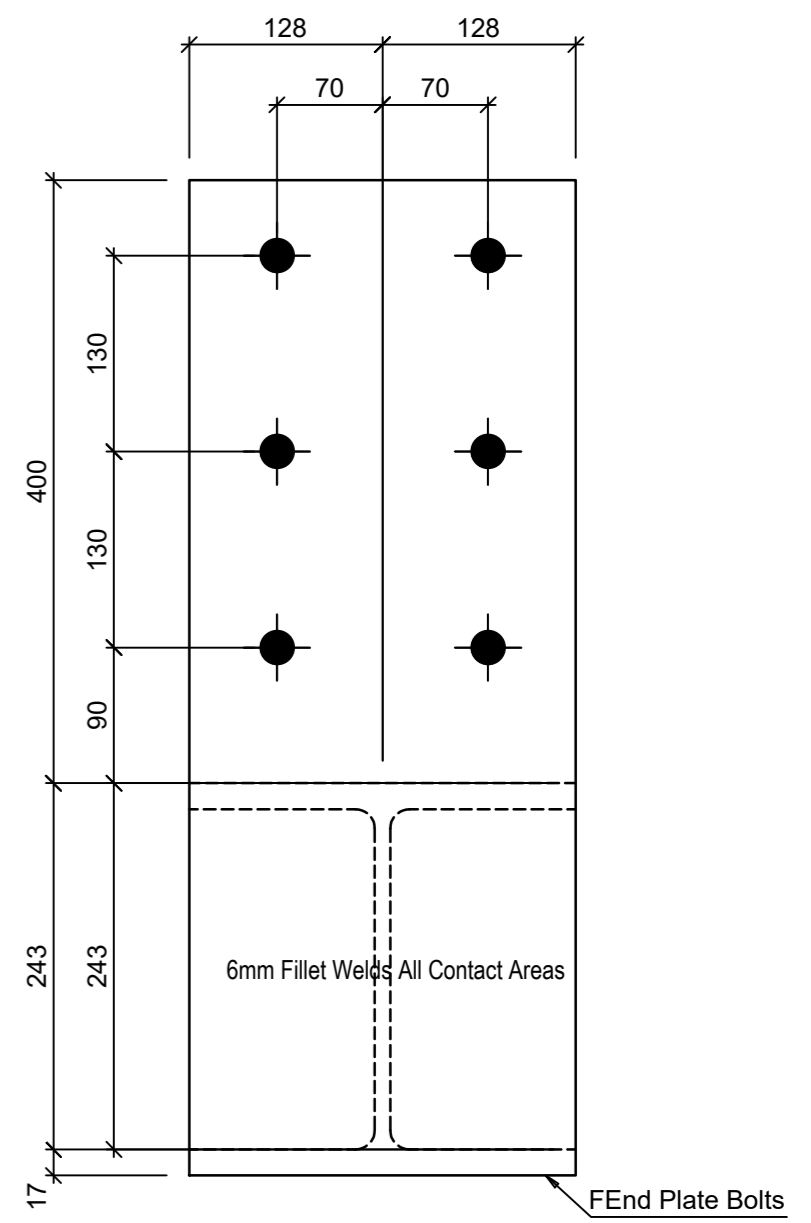
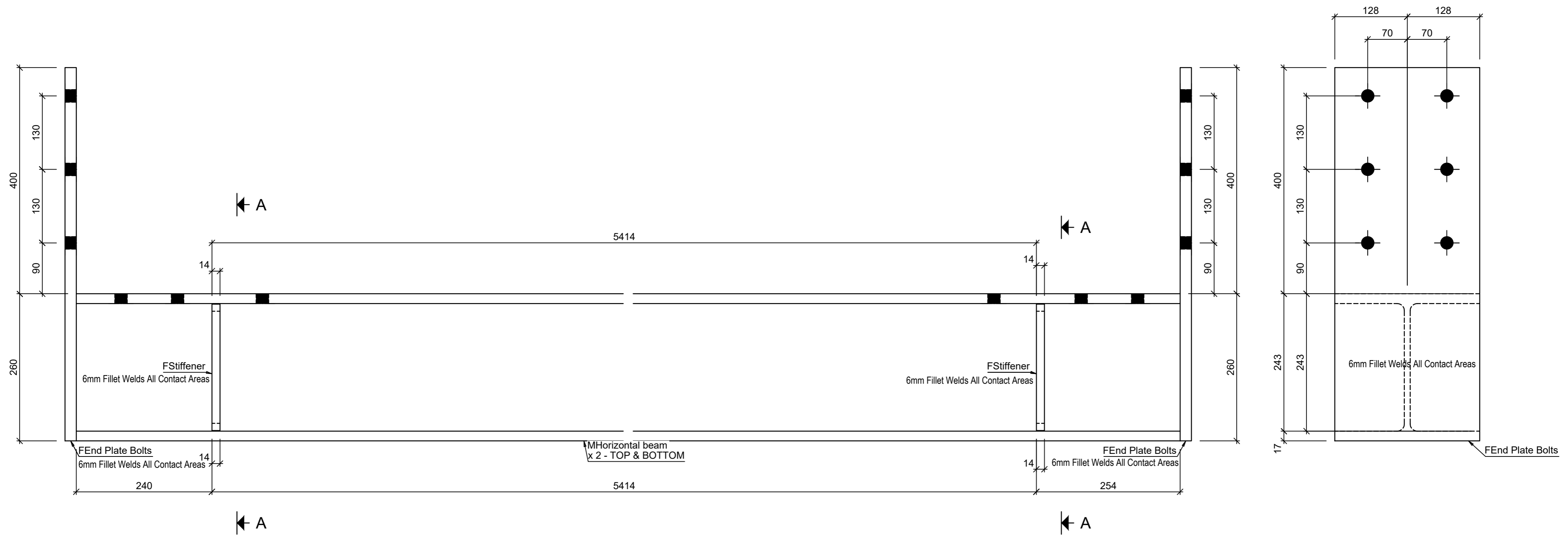
| Mark | Quantity | Profile | Length | Material | Area (m ²) | Weight (kg) |
|-------------------------|----------|-------------------------|--------|----------|------------------------|-------------|
| C2 | 1 | Values for ONE assembly | | | | |
| MColumn | 1 | UC254x254x73 | 2431.7 | S355 | 3.67 | 177.76 |
| F2 | 2 | PLT20x254 | 404.0 | S355 | 0.23 | 32.22 |
| none-1 | 8 | 13918 SD S235J2G3 16 75 | 75.0 | S235J2G3 | 0.00 | 1.28 |
| Totals for ONE assembly | | | | | 4.13 | 211.26 |

General Notes

- All holes 22Ø U.N.O.
- All welds continuous 6mm fillet U.N.O.
- This drawing must not be scaled.

| Index | Date | Description | Author |
|----------|------------|-------------|---------------------------------------|
| | | | |
| | | CONTRACT | BOX FRAME - The Coach House Sandridge |
| | | DESCRIPTION | Column |
| DRAWN BY | DATE | SCALE | JOB No. |
| SB | 11/07/2023 | 1:15 | PA-2023-318 |
| | | DRG No. | Rev. |
| | | [A] - C2 | Rev0 |

| | |
|-----|-----|
| LOT | QTY |
| | 2 |



A - A

2 No. Mkd R1 (Coating as specified)

| Mark | Quantity | Profile | Length | Material | Area (m ²) | Weight (kg) |
|-------------------------|----------|-------------------------|--------|----------|------------------------|-------------|
| R1 | 2 | Values for ONE assembly | | | | |
| FEnd Plate Bolts | 2 | PLT20x256.3 | 660.3 | S355 | 0.38 | 53.14 |
| FStiffener | 4 | PLT14.2x123 | 223.7 | S355 | 0.06 | 12.20 |
| MHorizontal beam | 1 | UC254x254x89 | 5908.0 | S355 | 9.01 | 596.32 |
| Totals for ONE assembly | | | | | 10.02 | |

| | | | | | | |
|---|--|-----------------|--|---------------------------------------|-------------|----------|
| General Notes | | Index | | Date | Description | Author |
| 1. All holes 22Ø U.N.O. 2. All welds continuous 6mm fillet U.N.O. 3. This drawing must not be scaled. | | | | | | |
| | | Autodesk | | CONTRACT | | |
| | | | | BOX FRAME - The Coach House Sandridge | | |
| | | DRAWN BY | | DATE | SCALE | DRG No. |
| | | SB | | 11/07/2023 | 1:5 | Rev. |
| | | | | JOB No. | | [A] - R1 |
| | | | | PA-2023-318 | | Rev0 |



8 No. PLT14.2x123 - Mkd FStiffener

General Notes
 1. All holes 22Ø U.N.O.
 2. This drawing must not be scaled.

| Index | Date | Description | Author |
|-------------|------|---------------------------------------|--------|
| | | CONTRACT | |
| | | BOX FRAME - The Coach House Sandridge | |
| DRAWN BY | | DATE | SCALE |
| SB | | 11/07/2023 | 1:1 |
| JOB No. | | DRG No. | Rev. |
| PA-2023-318 | | [S] - FStiffener | Rev0 |