

SOUDURES : A=3 CONTINUE ETANCHE
TOLERANCE GENERALE : ± 1 mm
TOLERANCE DE PLANEITE : ± 1 mm/m
PEINTURE EPOXY EP: 60 μ
COULEUR : BLANC RAL 9010

Masse : 117.66 Kg

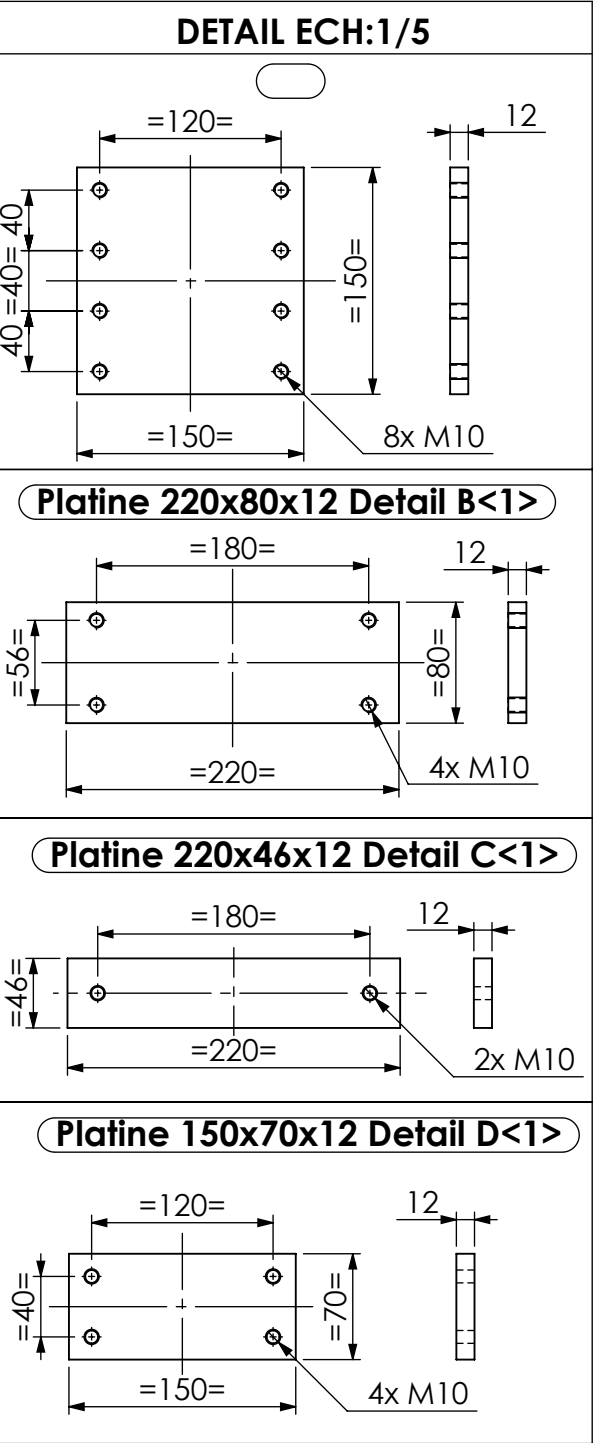
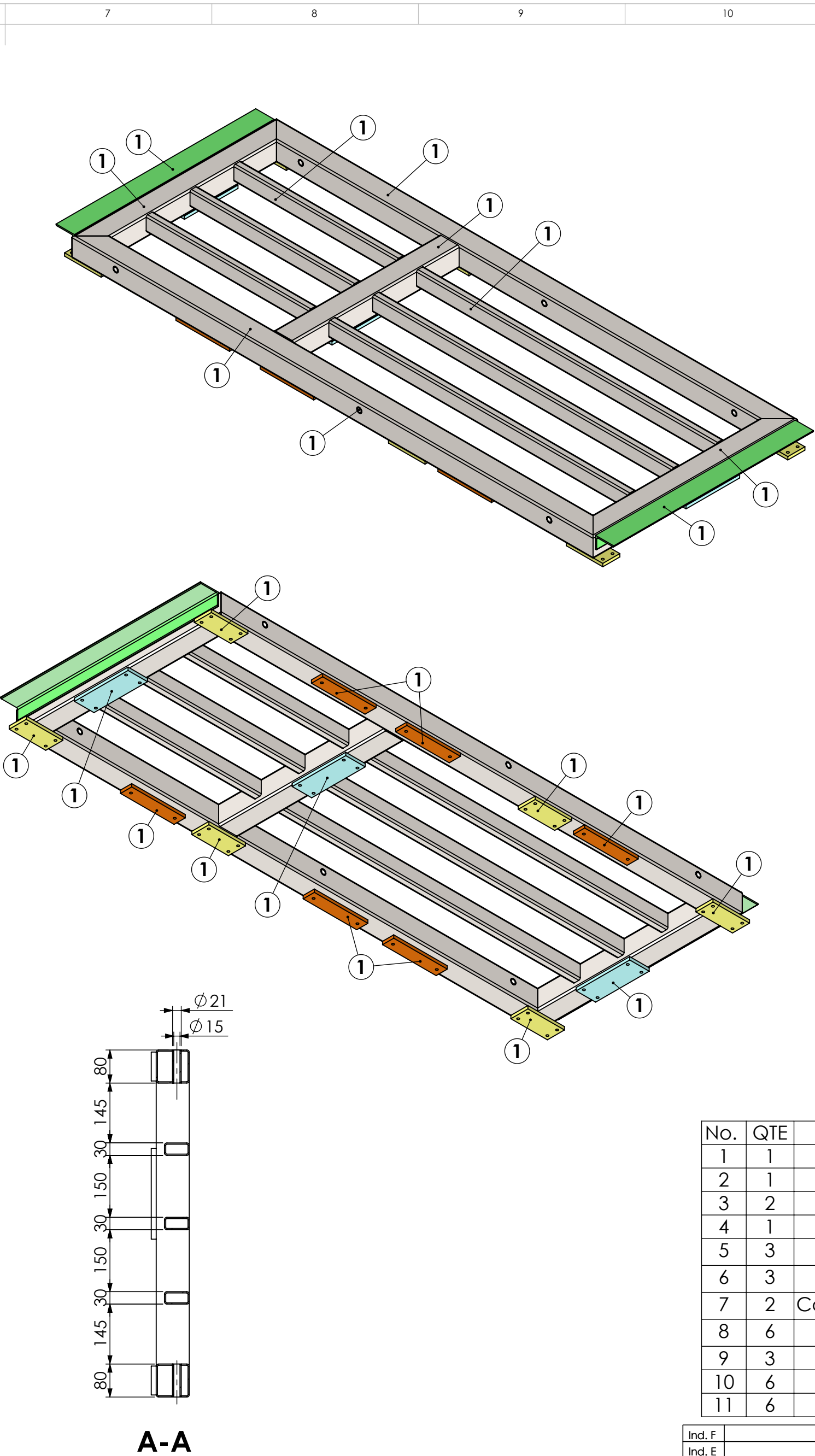
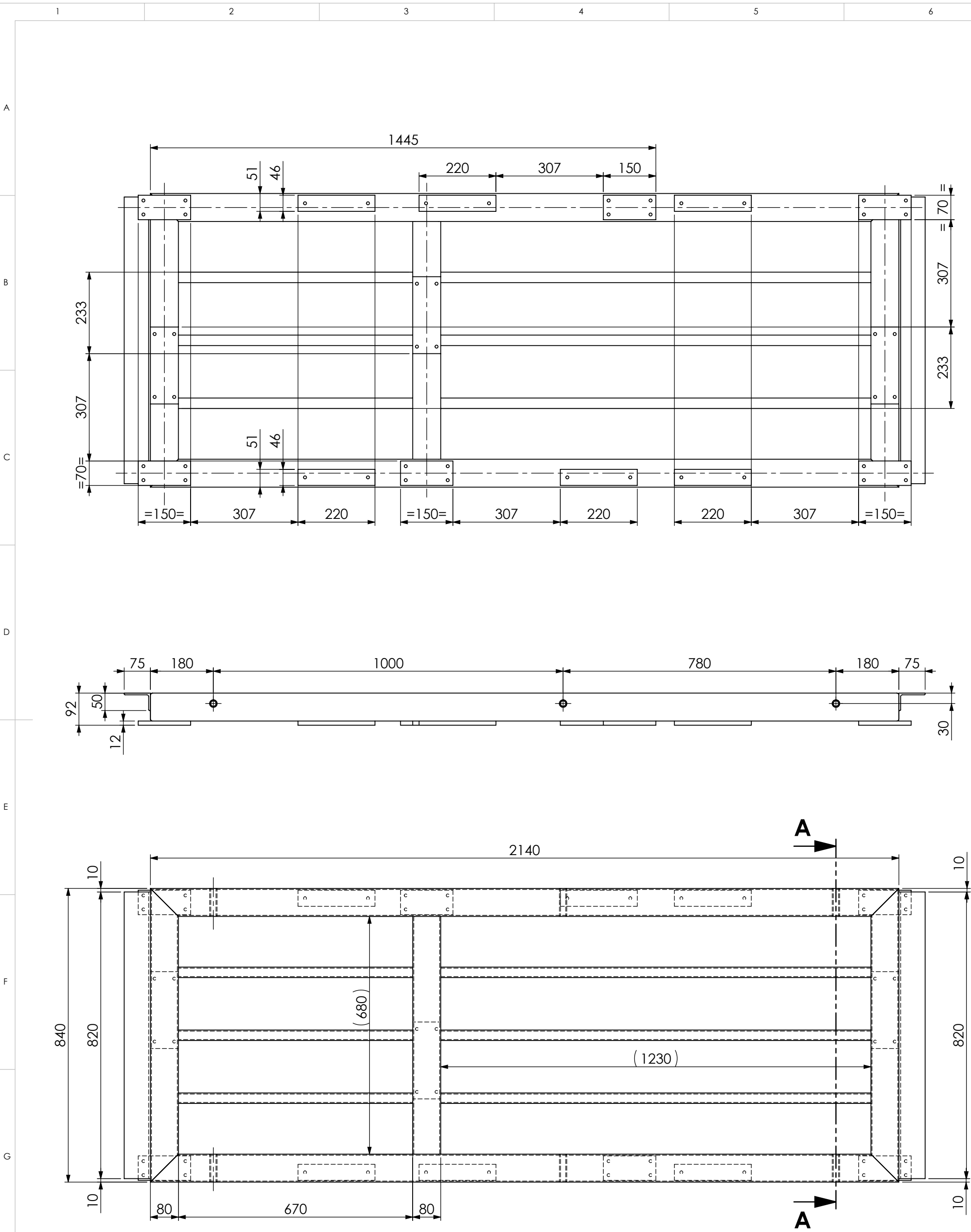
| No. | QTE | DESCRIPTION | LONG |
|-----|-----|---------------------------------|------|
| 1 | 1 | tube carré 80x80x3 | 2140 |
| 2 | 1 | tube carré 80x80x3 | 2140 |
| 3 | 2 | tube carré 80x80x3 | 1280 |
| 4 | 1 | tube carré 80x80x3 | 1120 |
| 5 | 8 | Tube rectangulaire 60x30x3 | 950 |
| 6 | 2 | Cornière ailes inégales 75X50X5 | 1270 |
| 7 | 3 | Tube 15x21 Lg:80 | |
| 8 | 3 | Platine 150x150x12 Detail A | |
| 9 | 7 | Platine 220x80x12 Detail B | |
| 10 | 3 | Platine 150x70x12 Detail D | |
| 11 | 3 | Platine 220x46x12 Detail C | |

[illegible]

Technical drawing of a mechanical part, likely a shaft or axle, showing dimensions and features. The drawing includes a side view with a central hole and a cross-section view showing a hole with a diameter of 15 mm and a hole with a diameter of 21 mm. Dimensions include 12, 80, 80, 297, 30, 180, 30, 180, 30, 180, 30, 163, 80, 60, 12, 80, 15, and 21.

A-A

FOLIO 1/4

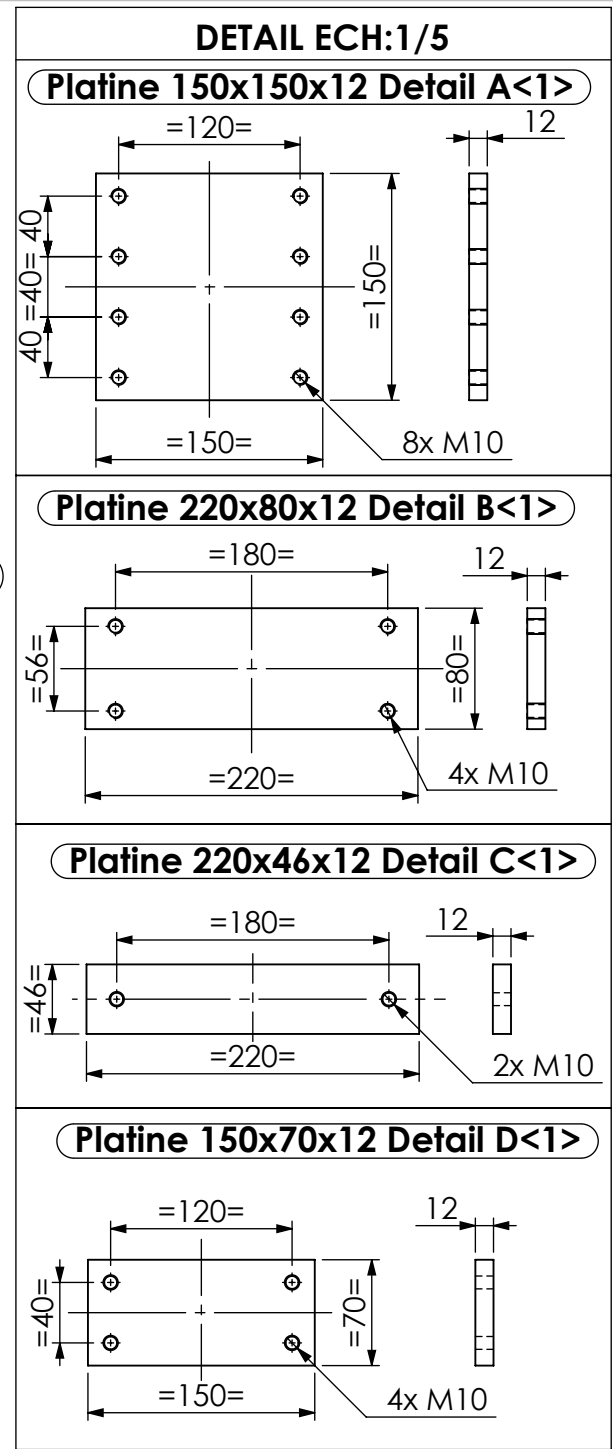
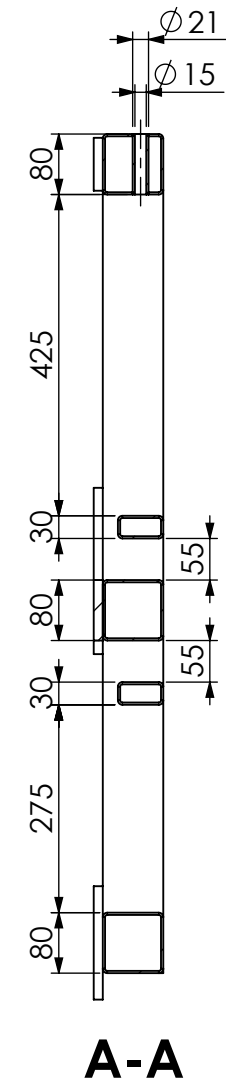
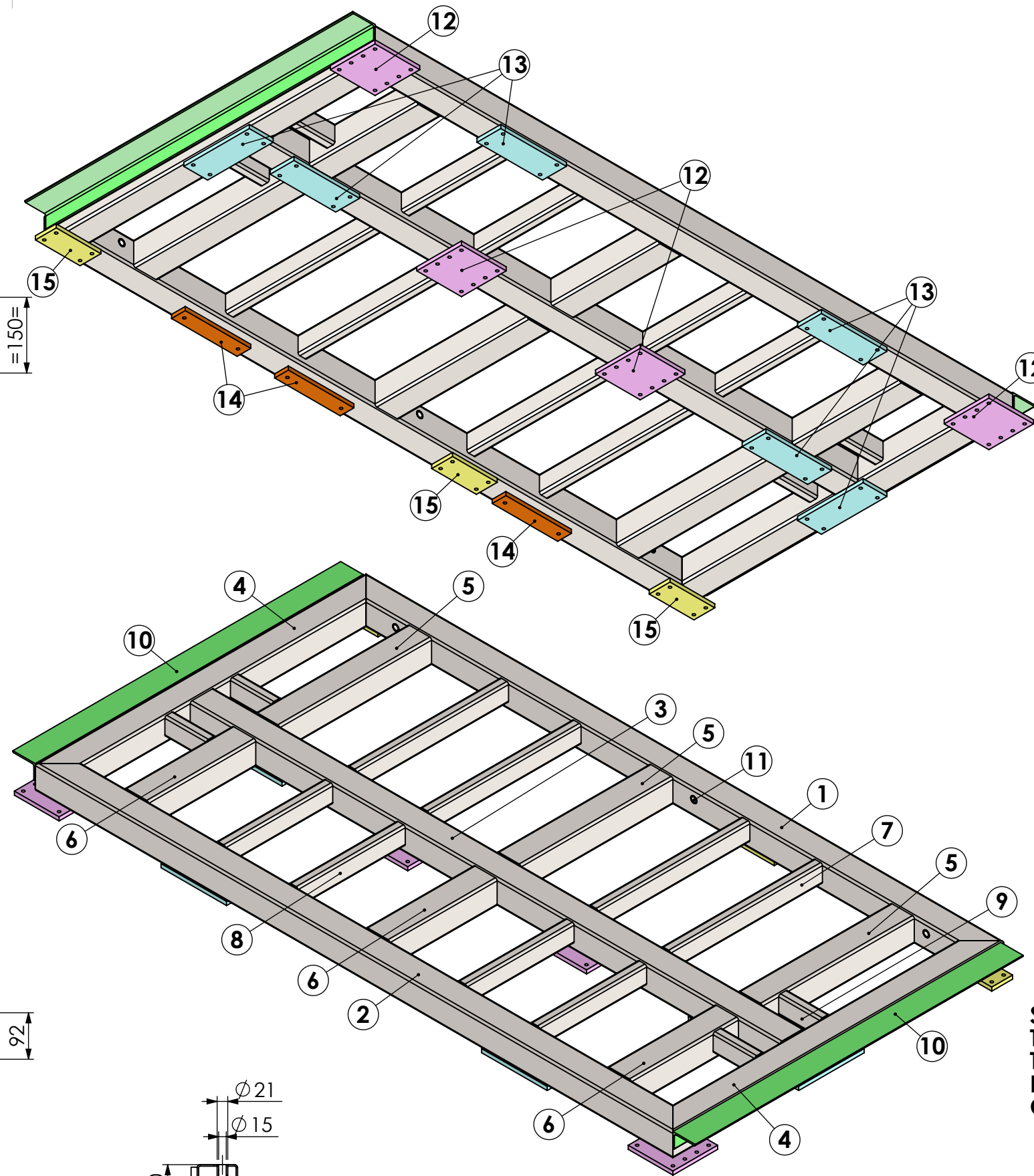
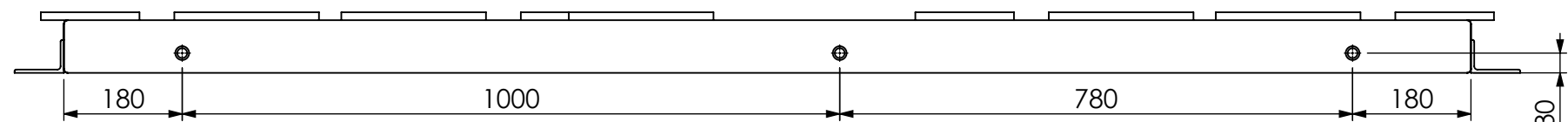
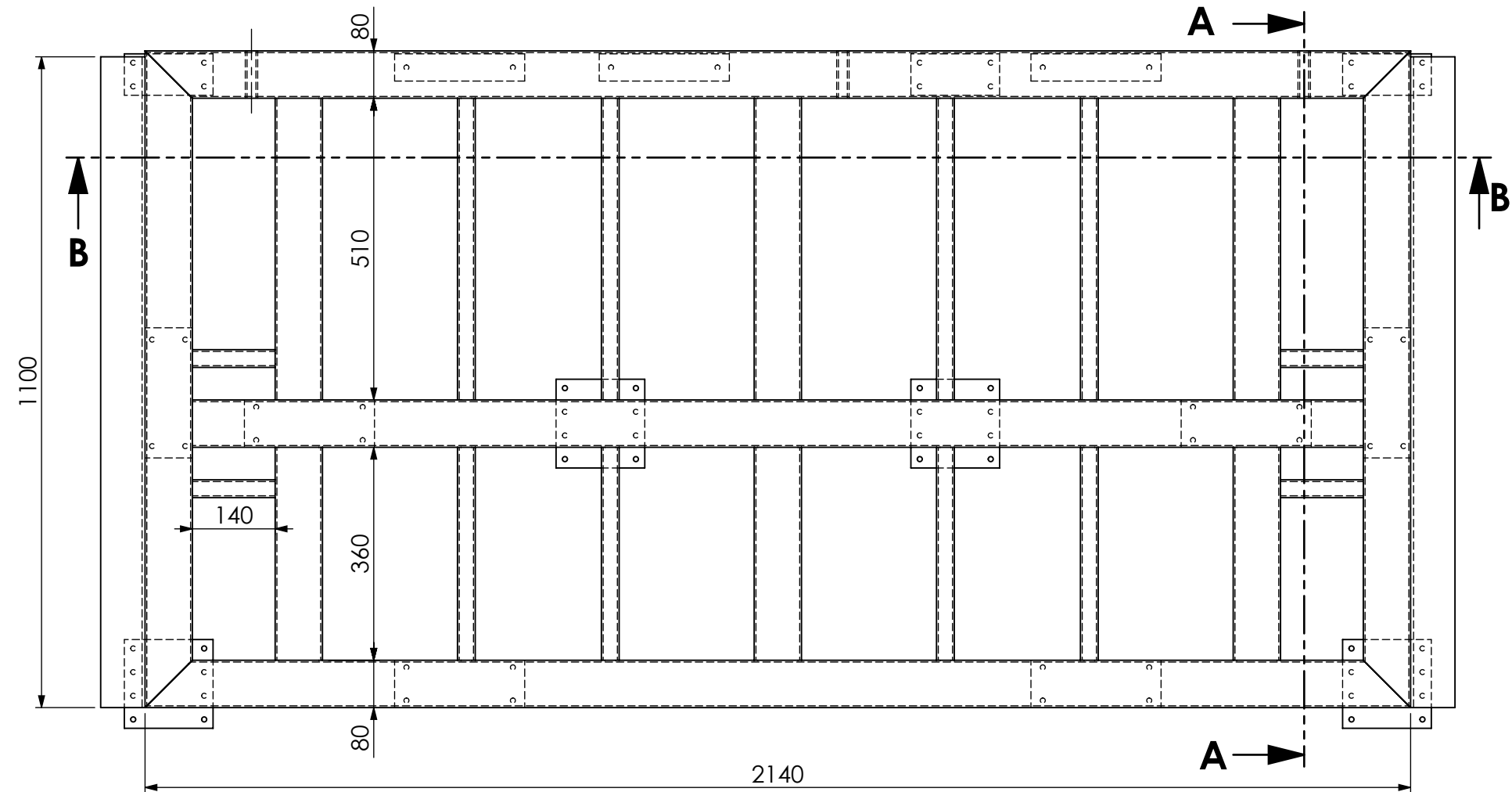
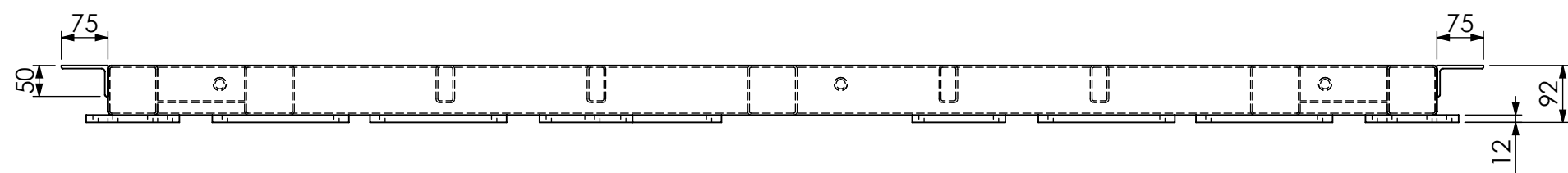
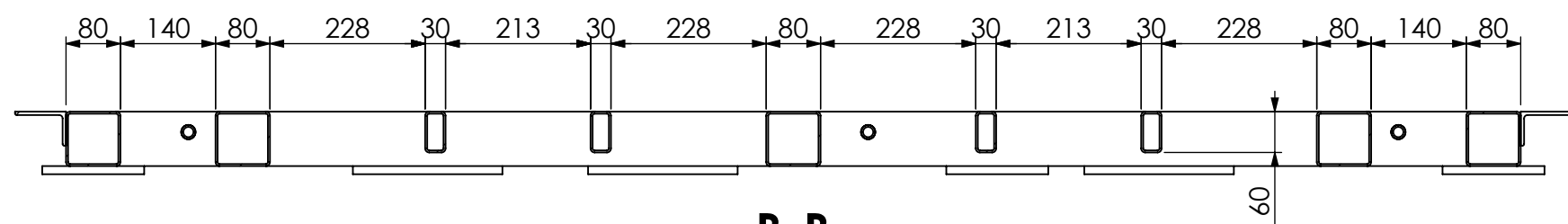
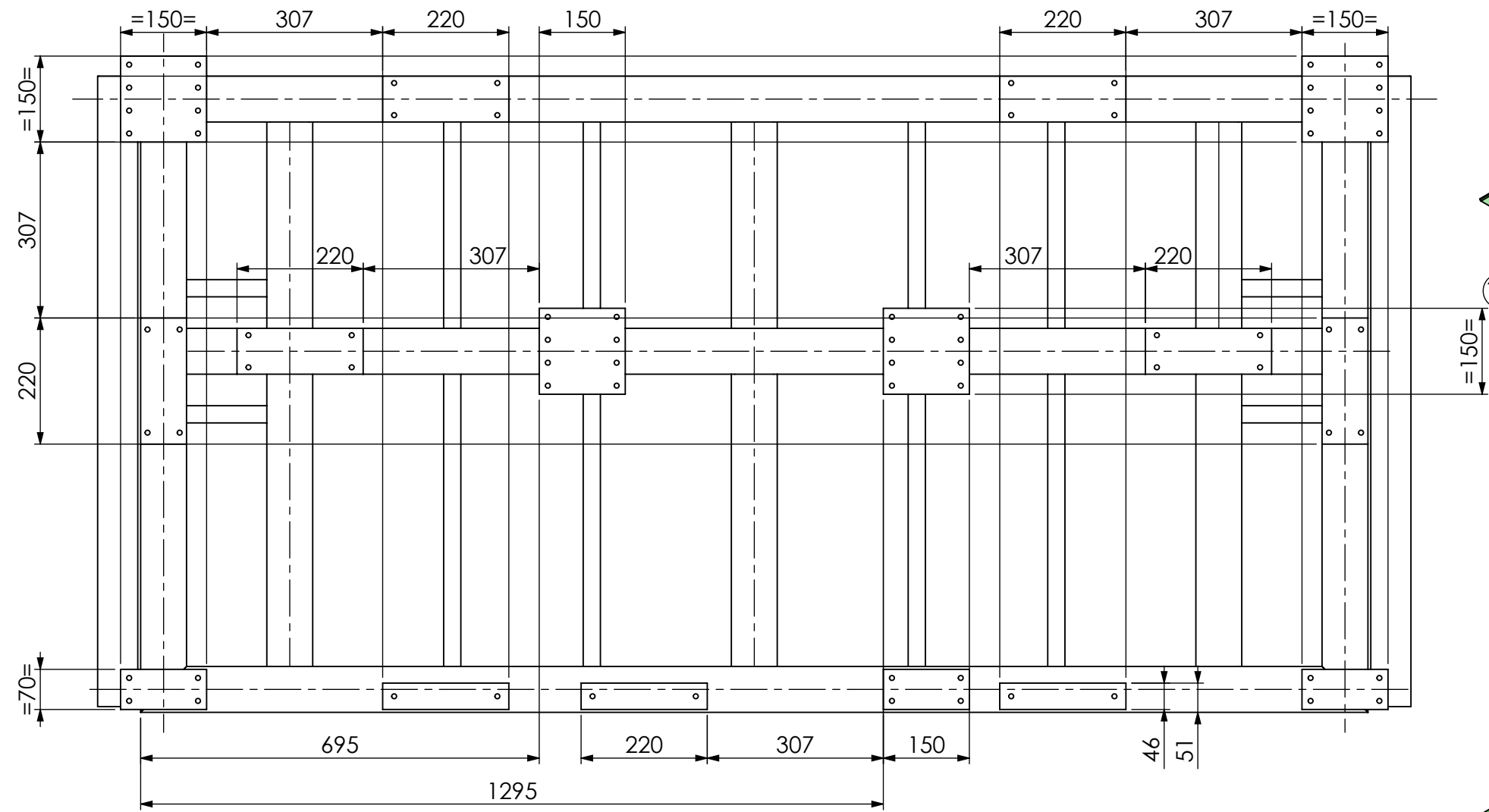


SOUDURES : A=3 CONTINUE ETANCHE
TOLERANCE GENERALE : ± 1 mm
TOLERANCE DE PLANEITE : ± 1 mm/m
PEINTURE EPOXY EP: 60µ
COULEUR : BLANC RAL 9010

Masse : 90.30 Kg

| No. | QTE | DESCRIPTION | LONG |
|-----|-----|---------------------------------|------|
| 1 | 1 | tube carré 80x80x3 | 2140 |
| 2 | 1 | tube carré 80x80x3 | 2140 |
| 3 | 2 | tube carré 80x80x3 | 840 |
| 4 | 1 | tube carré 80x80x3 | 680 |
| 5 | 3 | Tube rectangulaire 60x30x3 | 1230 |
| 6 | 3 | Tube rectangulaire 60x30x3 | 670 |
| 7 | 2 | Cornière ailes inégales 75X50X5 | 820 |
| 8 | 6 | Tube 15x21 Lg:80 | |
| 9 | 3 | Platine 220x80x12 Detail B | |
| 10 | 6 | Platine 150x70x12 Detail D | |
| 11 | 6 | Platine 220x46x12 Detail C | |

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|--|--|--|
| Ind. F | | |
| Ind. E | | |
| Ind. D | | |
| Ind. C | | |
| Ind. B | | |
| Projet : CHASSIS ISTE01 | | Masse : 90.30 Kg |
| Désignation : CADRE 2 | | Matériau : E24-2 |
| | | Traitement : Peinture |
| | | Rug. gén.: 3.2 |
| | | Tol. gén.: +/- 0.1mm |
| Heyman | | Echelle:1:10 Format:A2 Feuille 2 / 4 |
| 5 place de Gordes 38000 Grenoble | | date de création : 11/03/2023 11/03/2023 |
| Tel : 06 33 31 88 11 e-mail : heyman@design-mecanique.fr | | N° de plan FAU-ISTE01 -002 |
| | | Indice |

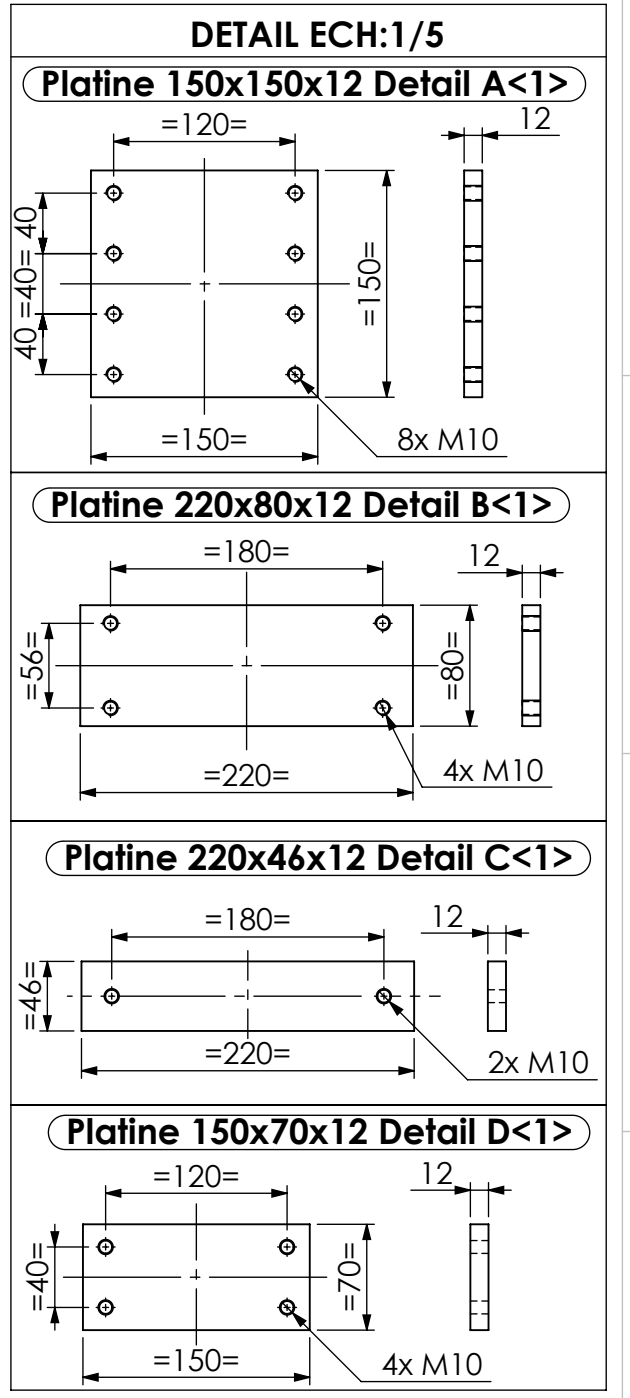
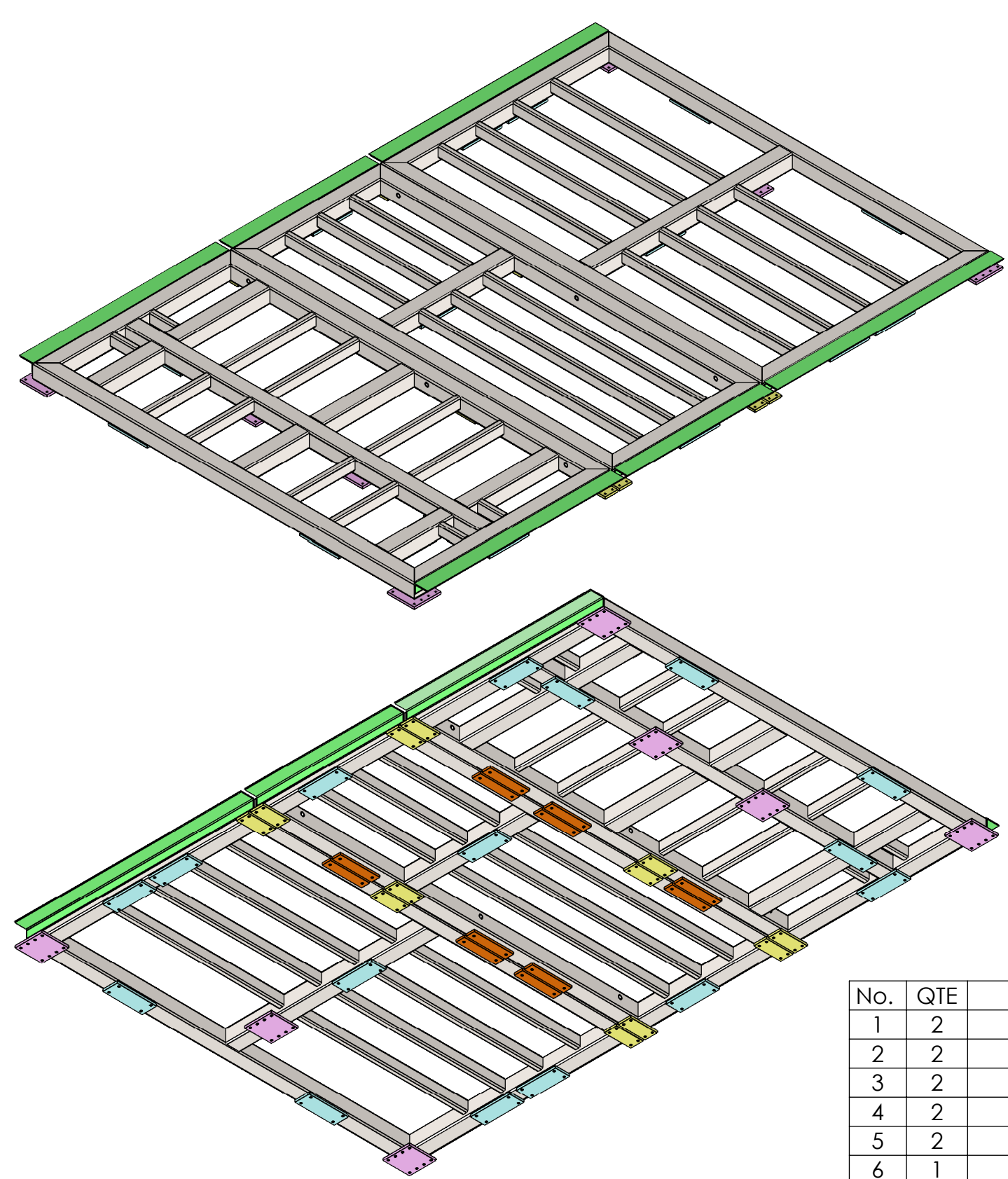
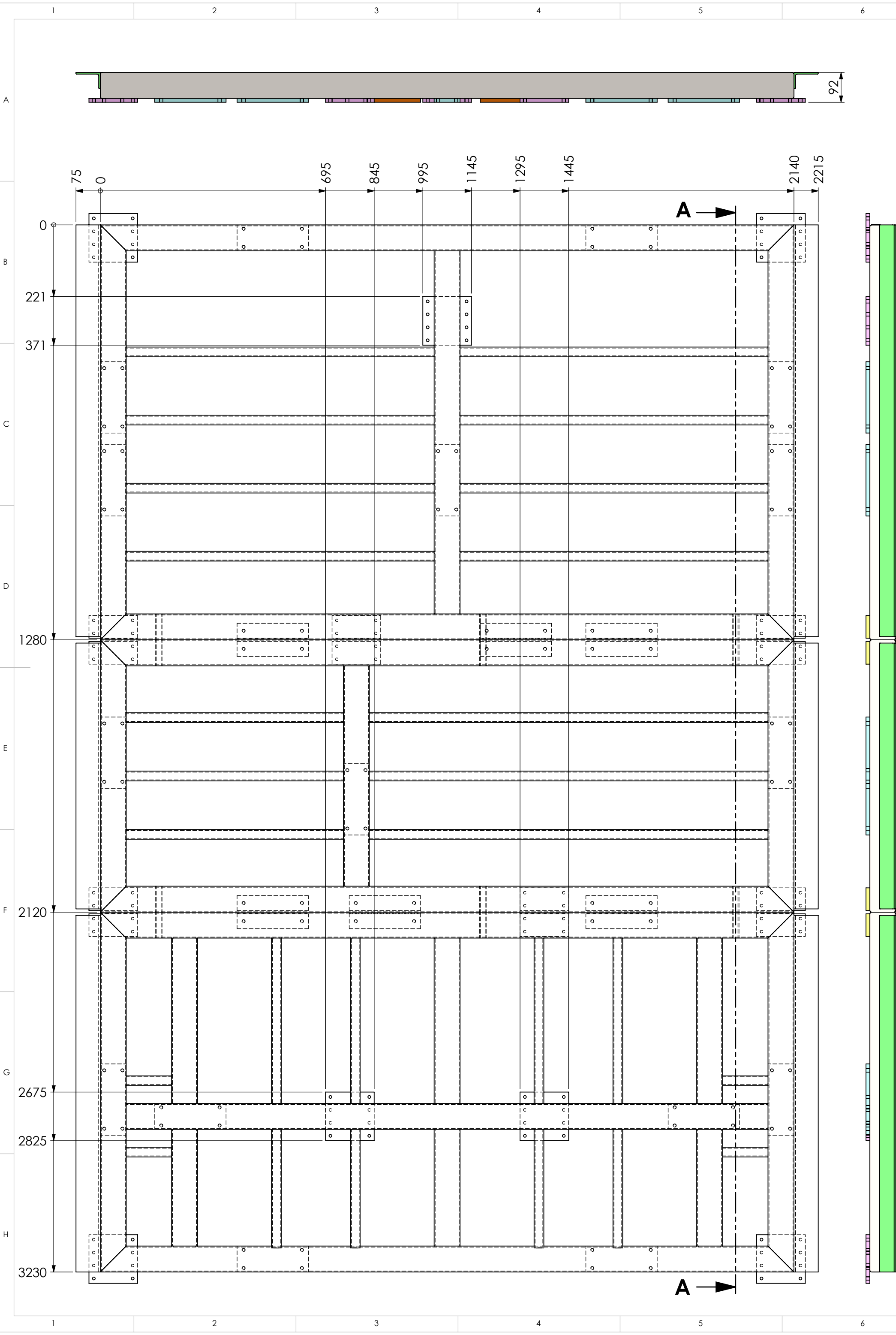


SOUDURES : A=3 CONTINUE ETANCHE
TOLERANCE GENERALE : ± 1 mm
TOLERANCE DE PLANEITE : ± 1 mm/m
PEINTURE EPOXY EP: 60µ
COULEUR : BLANC RAL 9010

Masse : 125.14 Kg

| No. | QTE | DESCRIPTION | LONG |
|-----|-----|---------------------------------|------|
| 1 | 1 | tube carré 80x80x3 | 2140 |
| 2 | 1 | tube carré 80x80x3 | 2140 |
| 3 | 1 | tube carré 80x80x3 | 1980 |
| 4 | 2 | tube carré 80x80x3 | 1110 |
| 5 | 3 | tube carré 80x80x3 | 510 |
| 6 | 3 | tube carré 80x80x3 | 360 |
| 7 | 4 | Tube rectangulaire 60x30x3 | 510 |
| 8 | 4 | Tube rectangulaire 60x30x3 | 360 |
| 9 | 4 | Tube rectangulaire 60x30x3 | 140 |
| 10 | 2 | Cornière ailes inégales 75X50X5 | 1100 |
| 11 | 3 | Tube 15x21 Lg:80 | |
| 12 | 4 | Platine 150x150x12 Detail A | |
| 13 | 6 | Platine 220x80x12 Detail B | |
| 14 | 3 | Platine 150x70x12 Detail D | |
| 15 | 3 | Platine 220x46x12 Detail C | |

| | | |
|--|--|--|
| Ind. F | | |
| Ind. E | | |
| Ind. D | | |
| Ind. C | | |
| Ind. B | | |
| Projet : CHASSIS ISTE01 | | Masse : 125.14 Kg |
| Désignation : CADRE 3 | | Matériau : E24-2 |
| | | Traitement : Peinture |
| | | Rug. gén.: 3.2 |
| | | Tol. gén.: +/- 0.1mm |
| Heyman | | Echelle:1:10 Format:A2 Feuille 3 / 4 |
| 5 place de Gordes 38000 Grenoble | | Nom de fichier :FAU-ISTE01-002 |
| Tel : 06 33 31 88 11 e-mail : heyman@design-mecanique.fr | | date de création : 11/03/2023 11/03/2023 |
| | | N° de plan :FAU-ISTE01 -002 |
| | | Indice |



| No. | QTE | DESCRIPTION | LONG |
|-----|-----|---------------------------------|------|
| 1 | 2 | tube carré 80x80x3 | 1280 |
| 2 | 2 | tube carré 80x80x3 | 2140 |
| 3 | 2 | tube carré 80x80x3 | 840 |
| 4 | 2 | tube carré 80x80x3 | 2140 |
| 5 | 2 | tube carré 80x80x3 | 2140 |
| 6 | 1 | tube carré 80x80x3 | 1980 |
| 7 | 2 | tube carré 80x80x3 | 1110 |
| 8 | 3 | tube carré 80x80x3 | 510 |
| 9 | 1 | tube carré 80x80x3 | 680 |
| 10 | 1 | tube carré 80x80x3 | 1120 |
| 11 | 3 | tube carré 80x80x3 | 360 |
| 12 | 8 | Tube rectangulaire 60x30x3 | 950 |
| 13 | 3 | Tube rectangulaire 60x30x3 | 1230 |
| 14 | 3 | Tube rectangulaire 60x30x3 | 670 |
| 15 | 4 | Tube rectangulaire 60x30x3 | 510 |
| 16 | 4 | Tube rectangulaire 60x30x3 | 366 |
| 17 | 4 | Tube rectangulaire 60x30x3 | 140 |
| 18 | 2 | Cornière ailes inégales 75X50X5 | 1270 |
| 19 | 2 | Cornière ailes inégales 75X50X5 | 820 |
| 20 | 2 | Cornière ailes inégales 75X50X5 | 1100 |
| 21 | 12 | Tube 15x21 Lg:80 | |
| 22 | 7 | Platine 150x150x12 Detail A | |
| 23 | 16 | Platine 220x80x12 Detail B | |
| 24 | 12 | Platine 150x70x12 Detail D | |
| 25 | 12 | Platine 220x46x12 Detail C | |

FOLIO 4/4
Masse : 333.20 Kg

SOUDURES : A=3 CONTINUE ETANCHE
TOLERANCE GENERALE : ± 1 mm
TOLERANCE DE PLANEITE : ± 1 mm/m
PEINTURE EPOXY EP: 60µ
COULEUR : BLANC RAL 9010

| | | |
|--|--|---|
| Ind. F | | |
| Ind. E | | |
| Ind. D | | |
| Ind. C | | |
| Ind. B | | |
| Projet : CHASSIS ISTE01 | | Masse : 333.20 Kg |
| Désignation : CADRE ENSEMBLE | | Matière : E24-2 |
| | | Traitement : Peinture |
| | | Rug. gén.: 3.2 |
| | | Tol. gén.: +/- 0.1mm |
| Heyman | | Echelle:1:10 Format:A2 Feuille 4 / 4 |
| 5 place de Gordes 38000 Grenoble Tel : 06 33 31 88 11 e-mail : heyman@design-mecanique.fr | | Nom de fichier :FAU-ISTE01-002 date de création : 11/03/2023 |
| | | N° de plan :FAU-ISTE01 -002 |
| | | Indice |

A-A