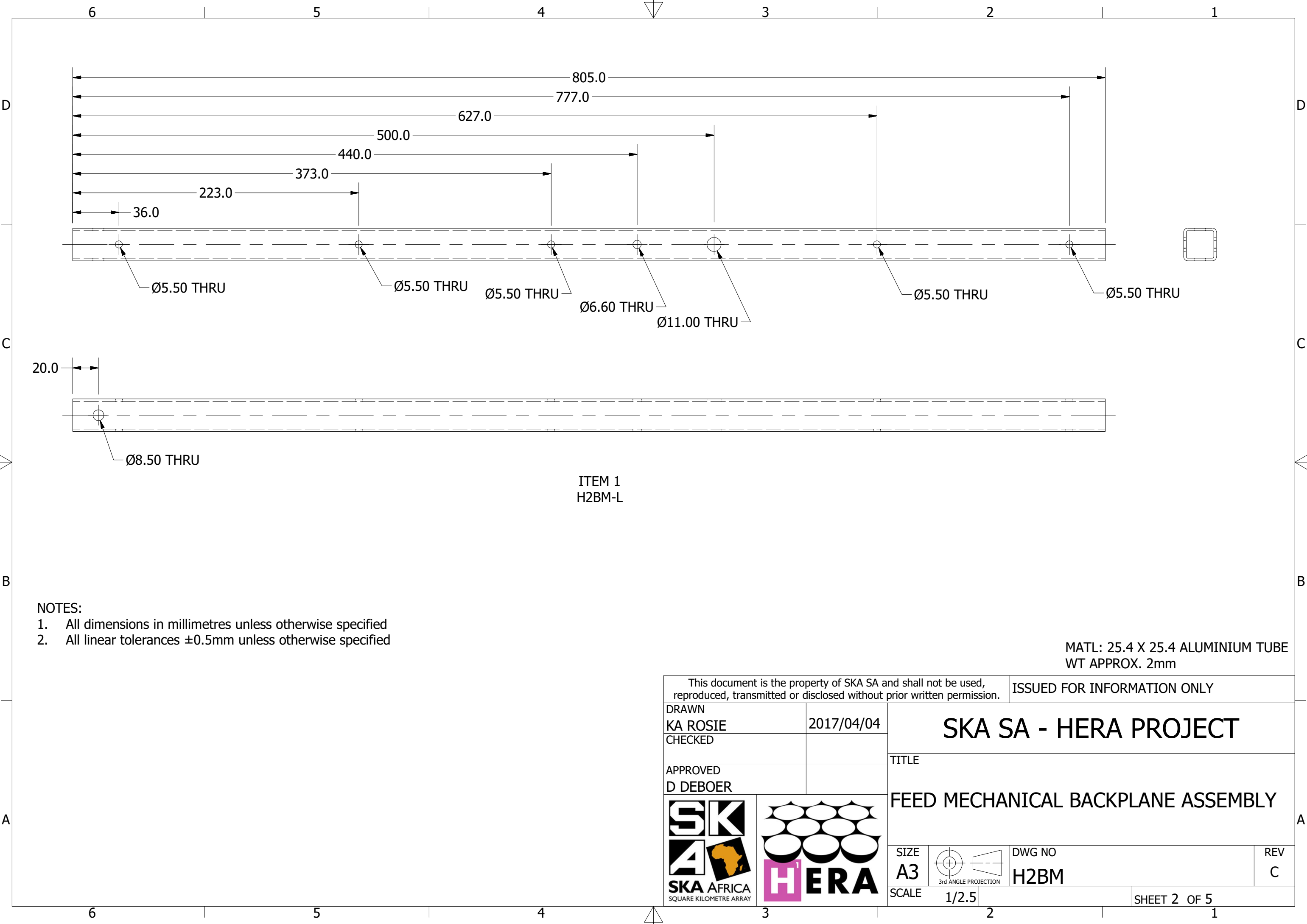




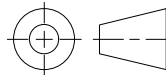
DETAIL A
SCALE 1 / 2

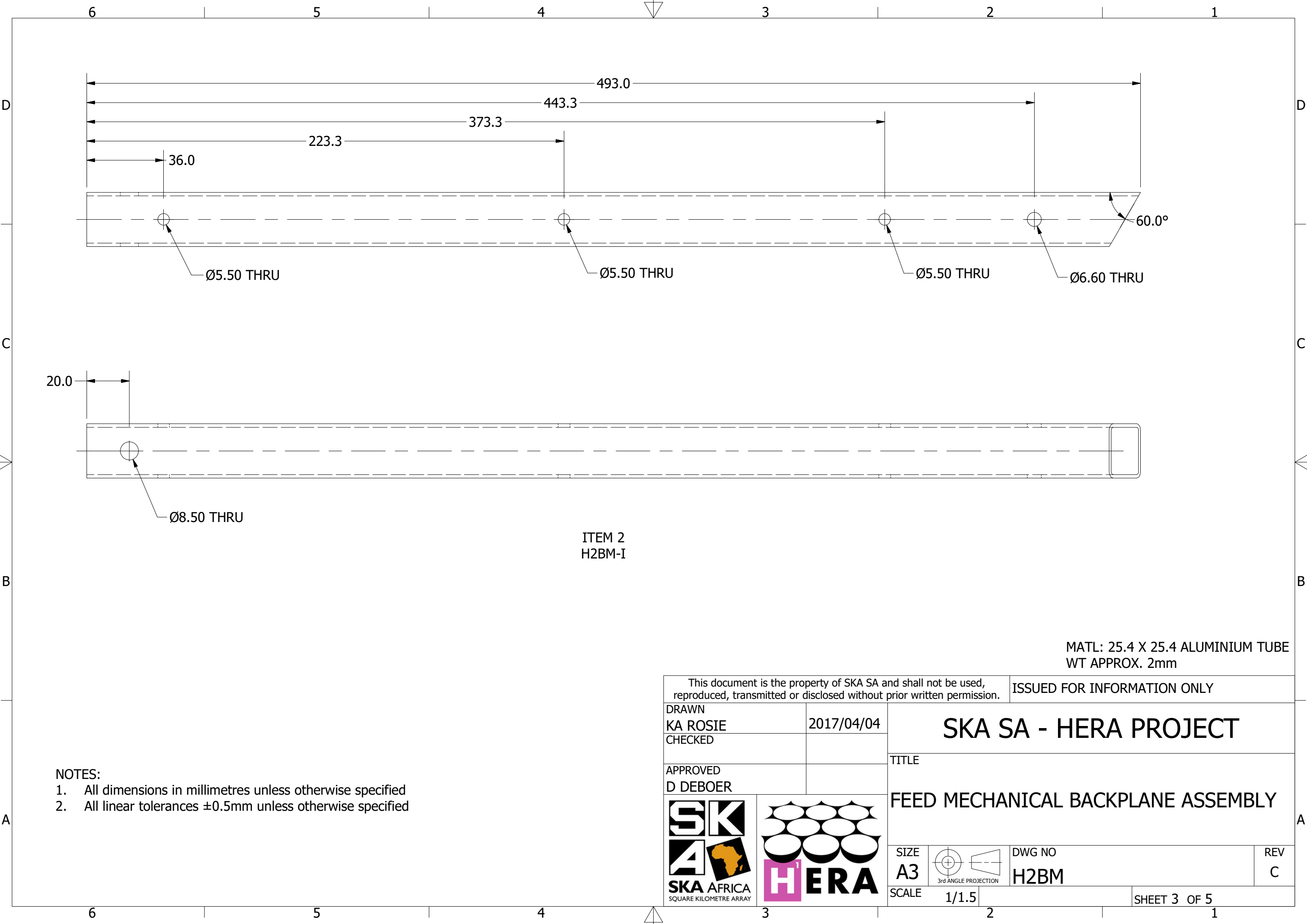
- NOTES:
- 1. Weld tubes first, then weld tube assembly onto disc (Item 4)
 - 2. Weld each spar (tube) to the disc, on both sides of the tube
 - 3. Four holes shown in Detail A may be used to bolt tube assembly to disc prior to welding
 - 4. Welds to be inspected in accordance with AWS D1.2 visual inspection acceptance criteria

| PARTS LIST | | | |
|------------|-----|-------------|---|
| ITEM | QTY | PART NUMBER | DESCRIPTION |
| 1 | 1 | H2BM-L | Feed backplane support crosspiece (long) |
| 2 | 2 | H2BM-I | Feed backplane support interior piece (int) |
| 3 | 2 | H2BM-S | Feed backplane support interior piece (short) |
| 4 | 1 | H2BM-P | Feed backplane disc |

| | | | |
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| APPROVED D DEBOER | | | |
| TITLE | | FEED MECHANICAL BACKPLANE ASSEMBLY | |
| SIZE A3 | SCALE 1 / 5 | DWG NO H2BM | REV C |
| SHEET 1 OF 5 | | | |

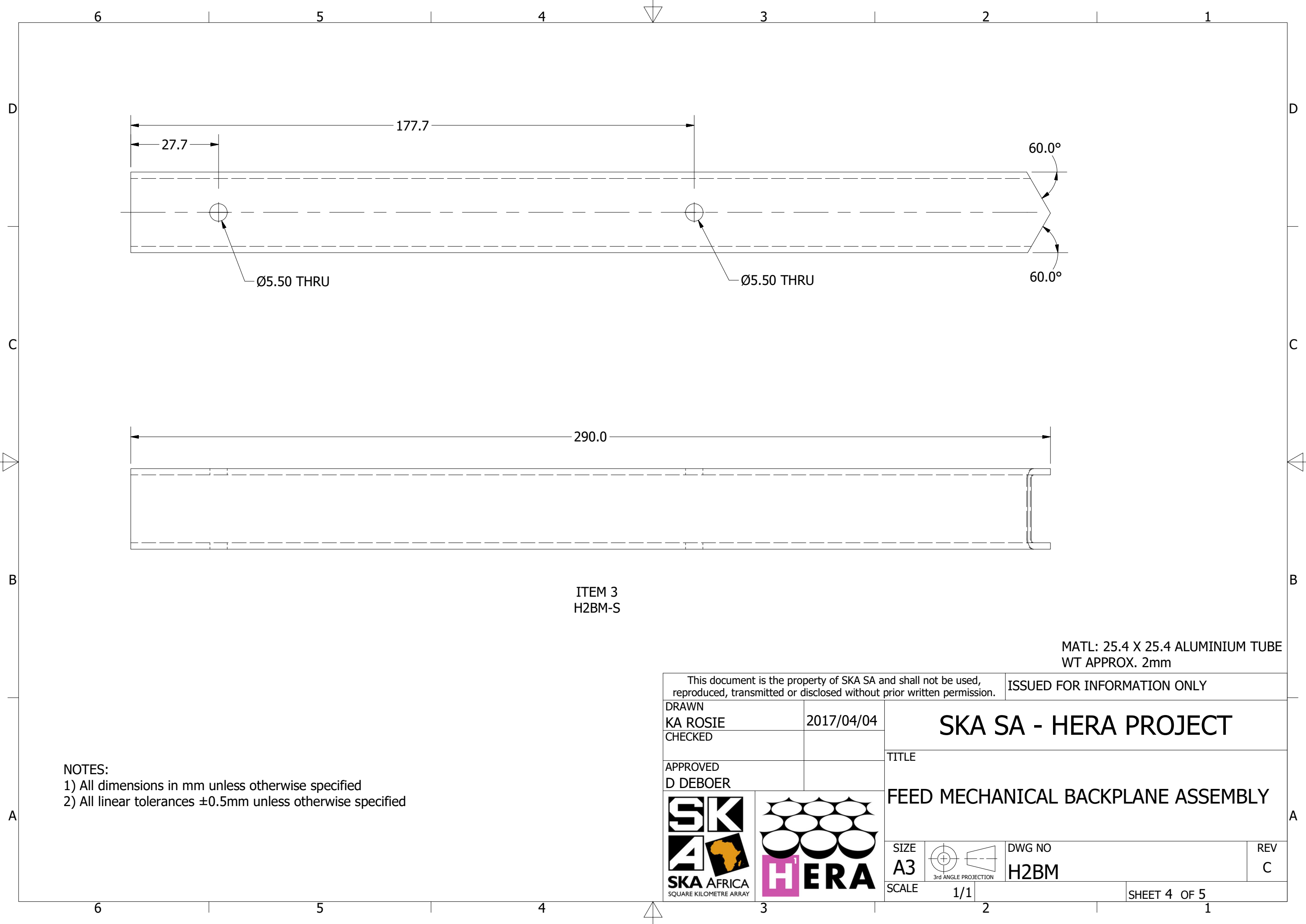


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| CHECKED | | | |
| APPROVED D DEBOER | | TITLE FEED MECHANICAL BACKPLANE ASSEMBLY | |
|   | SIZE A3 |  DWG NO H2BM | REV C |
| | SCALE 1/2.5 | SHEET 2 OF 5 | |



- NOTES:
1. All dimensions in millimetres unless otherwise specified
 2. All linear tolerances $\pm 0.5\text{mm}$ unless otherwise specified

| | | | |
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| SKA AFRICA SQUARE KILOMETRE ARRAY | | FEED MECHANICAL BACKPLANE ASSEMBLY | |
| HERA | | SIZE A3 | DWG NO H2BM |
| SCALE 1/1.5 | | 3rd ANGLE PROJECTION | REV C |
| | | SHEET 3 OF 5 | |

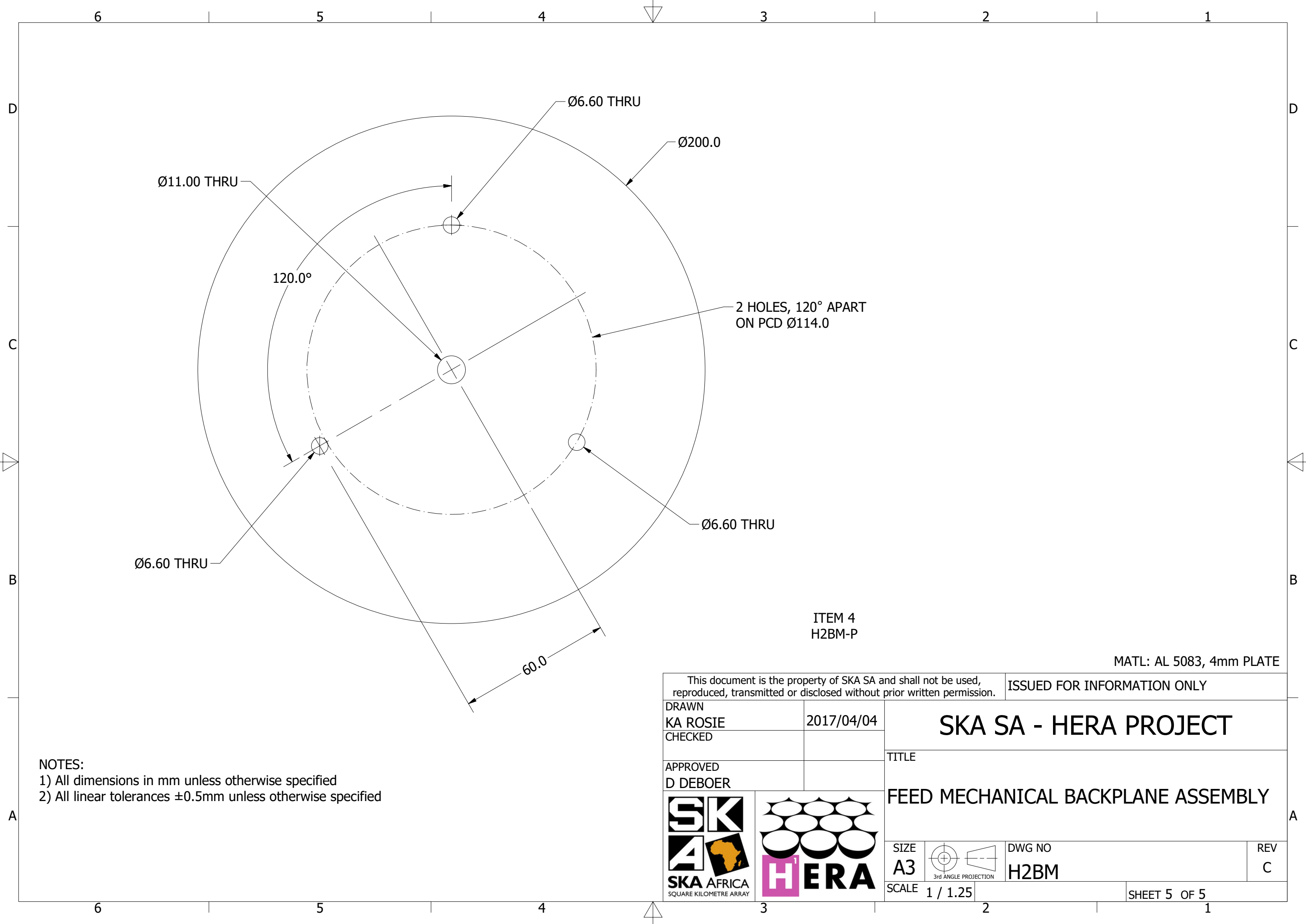


ITEM 3
H2BM-S

MATL: 25.4 X 25.4 ALUMINIUM TUBE
WT APPROX. 2mm

| | | | |
|---|--|------------------------------------|--|
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| APPROVED D DEBOER | | TITLE | |
| SKA AFRICA SQUARE KILOMETRE ARRAY | | FEED MECHANICAL BACKPLANE ASSEMBLY | |
| HERA | | SIZE A3 | |
| SCALE | | DWG NO H2BM | |
| 1/1 | | REV C | |
| | | SHEET 4 OF 5 | |

NOTES:
1) All dimensions in mm unless otherwise specified
2) All linear tolerances ±0.5mm unless otherwise specified



NOTES:
1) All dimensions in mm unless otherwise specified
2) All linear tolerances $\pm 0.5\text{mm}$ unless otherwise specified

| | | | | | |
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| APPROVED D DEBOER | | | | | |
| <div><div><div>SKA AFRICA</div><div>SQUARE KILOMETRE ARRAY</div></div><div><div><div>HERA</div></div></div></div> | | TITLE | | | |
| | | FEED MECHANICAL BACKPLANE ASSEMBLY | | | |
| | | SIZE A3 | <div><div><div></div></div><div>3rd ANGLE PROJECTION</div></div> | DWG NO H2BM | REV C |
| | | SCALE 1 / 1.25 | | | SHEET 5 OF 5 |