

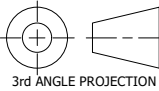
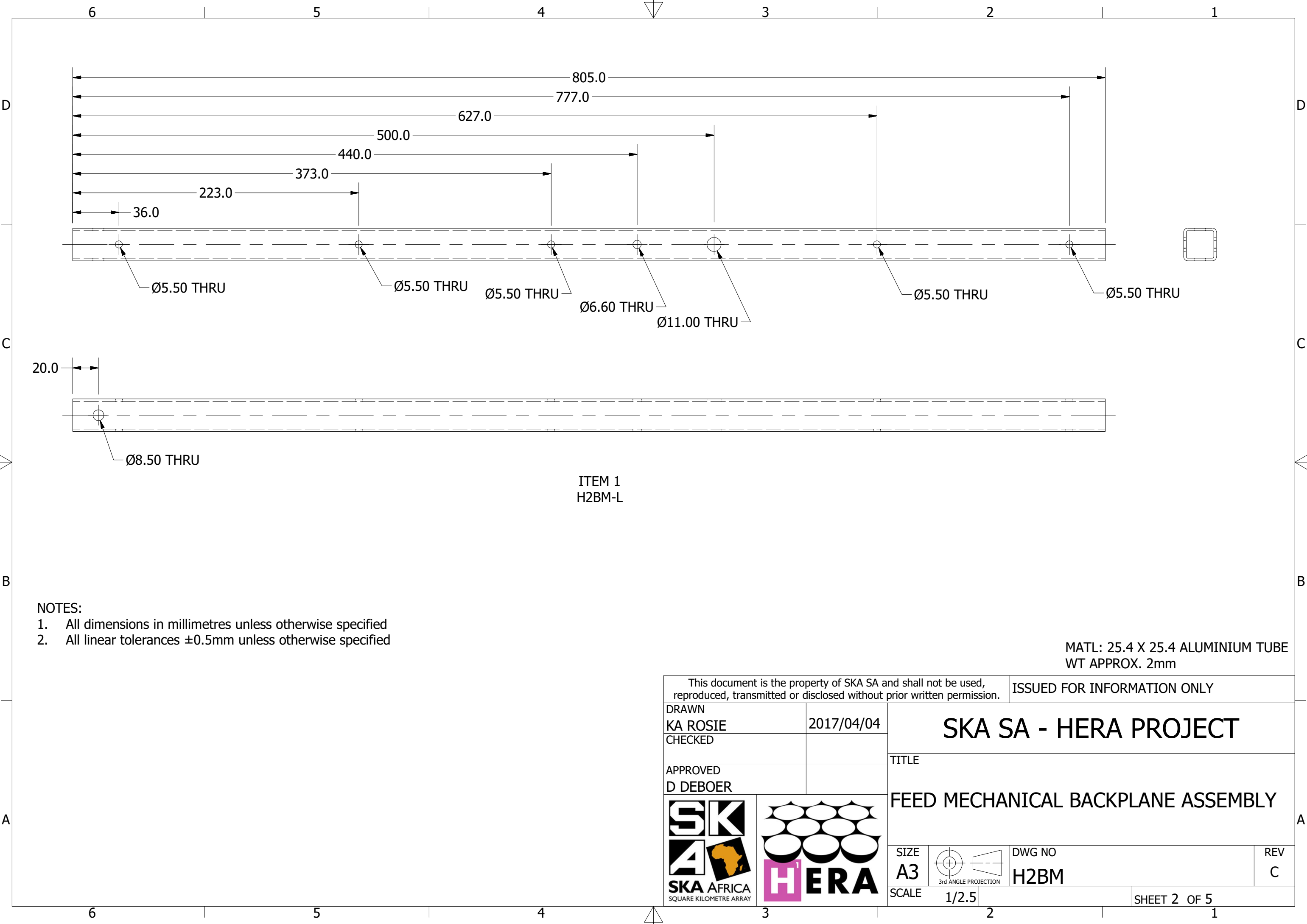


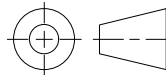


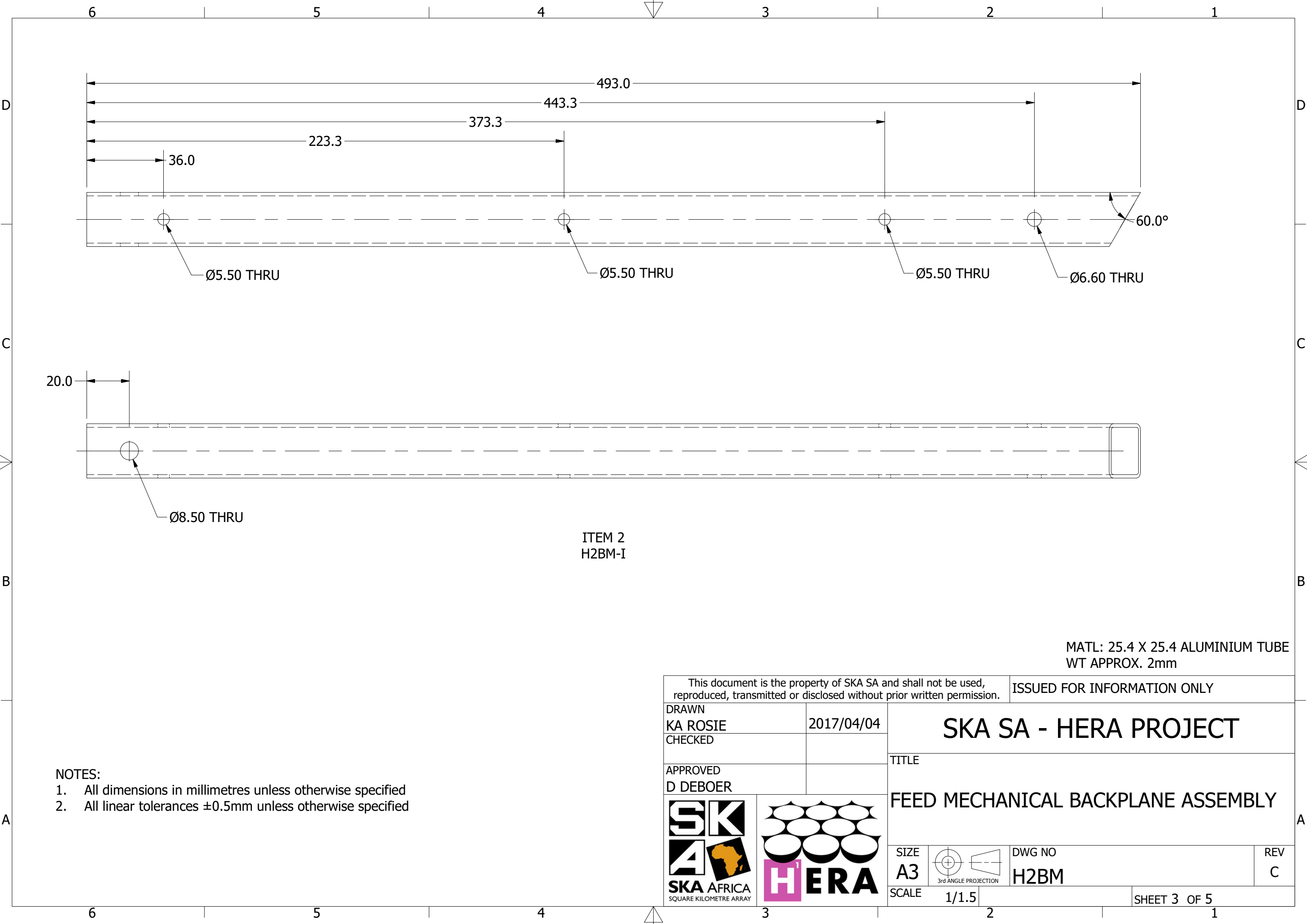
- NOTES:
- 1. Weld tubes first, then weld tube assembly onto disc (Item 4)
 - 2. Weld each spar (tube) to the disc, on both sides of the tube
 - 3. Four holes shown in Detail A may be used to bolt tube assembly to disc prior to welding
 - 4. Welds to be inspected in accordance with AWS D1.2 visual inspection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



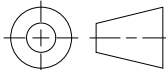
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DRAWN KA ROSIE	2017/04/04	SKA SA - HERA PROJECT	
CHECKED			
APPROVED D DEBOER		TITLE FEED MECHANICAL BACKPLANE ASSEMBLY	
 	SIZE A3	 DWG NO H2BM	REV C
	SCALE 1 / 5		SHEET 1 OF 5

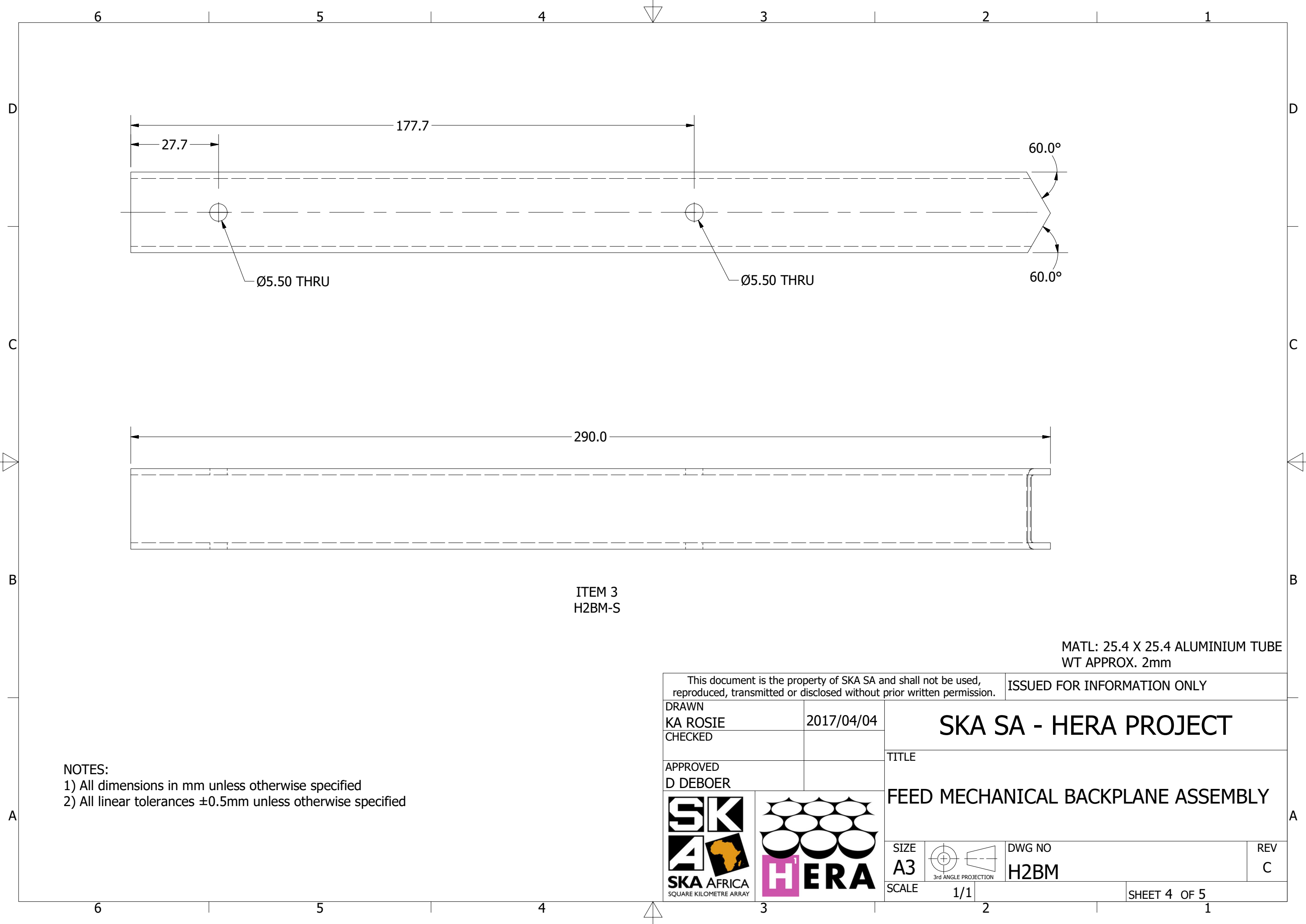


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APPROVED D DEBOER			
<div><div> SKA AFRICA SQUARE KILOMETRE ARRAY</div><div></div></div>		TITLE	
		FEED MECHANICAL BACKPLANE ASSEMBLY	
		SIZE A3	 3rd ANGLE PROJECTION
SCALE 1/2.5		SHEET 2 OF 5	



- 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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APPROVED D DEBOER					
 		TITLE			
		FEED MECHANICAL BACKPLANE ASSEMBLY			
		SIZE A3	 3rd ANGLE PROJECTION	DWG NO H2BM	REV C
		SCALE 1/1.5	SHEET 3 OF 5		

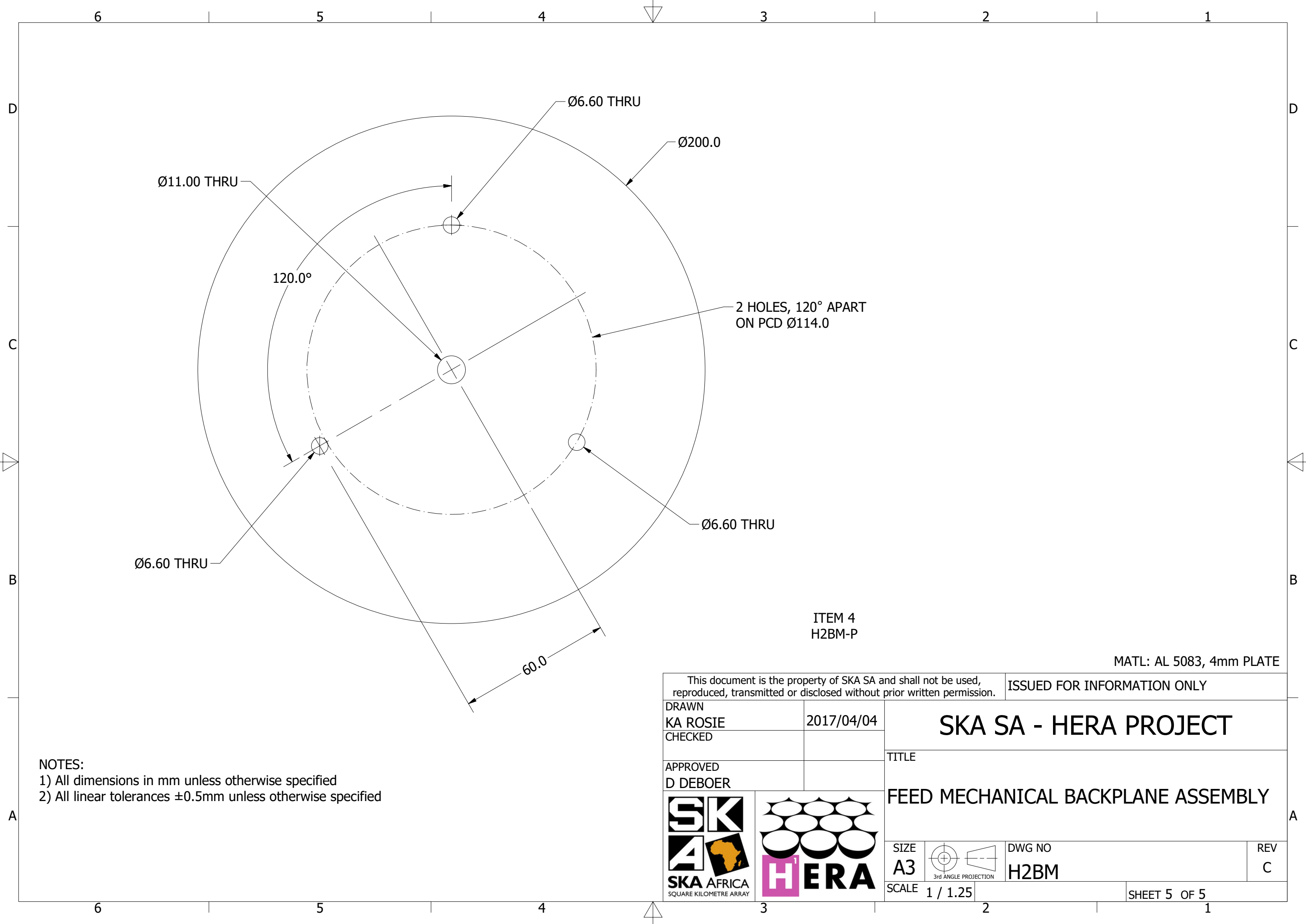


NOTES:
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ITEM 3
H2BM-S

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



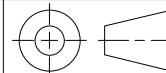
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<div><div><div>SKA AFRICA</div><div>SQUARE KILOMETRE ARRAY</div></div><div><div>HERA</div></div></div>		SKA SA - HERA PROJECT	
		TITLE	
		FEED MECHANICAL BACKPLANE ASSEMBLY	
SIZE A3		<div><div><div></div><div>3rd ANGLE PROJECTION</div></div></div>	DWG NO H2BM
SCALE 1/1		REV C	
		SHEET 4 OF 5	



NOTES:
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ITEM 4
H2BM-P

MATL: AL 5083, 4mm PLATE

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APPROVED D DEBOER			
 		TITLE	
		FEED MECHANICAL BACKPLANE ASSEMBLY	
		SIZE A3	 3rd ANGLE PROJECTION
SCALE 1 / 1.25		SHEET 5 OF 5	