

EVERYONE WANTS WORKING ARMS ON THERE R2  
HOWEVER, THE REALITY IS VERY DIFFERENT.

THE DIFICULTY IS MAKING THE ARMS

- A) MOVEABLE
- B) RIGID ENOUGH NOT TO DROOP / SAG
- C) KIDS WILL DISCOVER THEY MOVE, AND WANT TO PULL THEM OUT

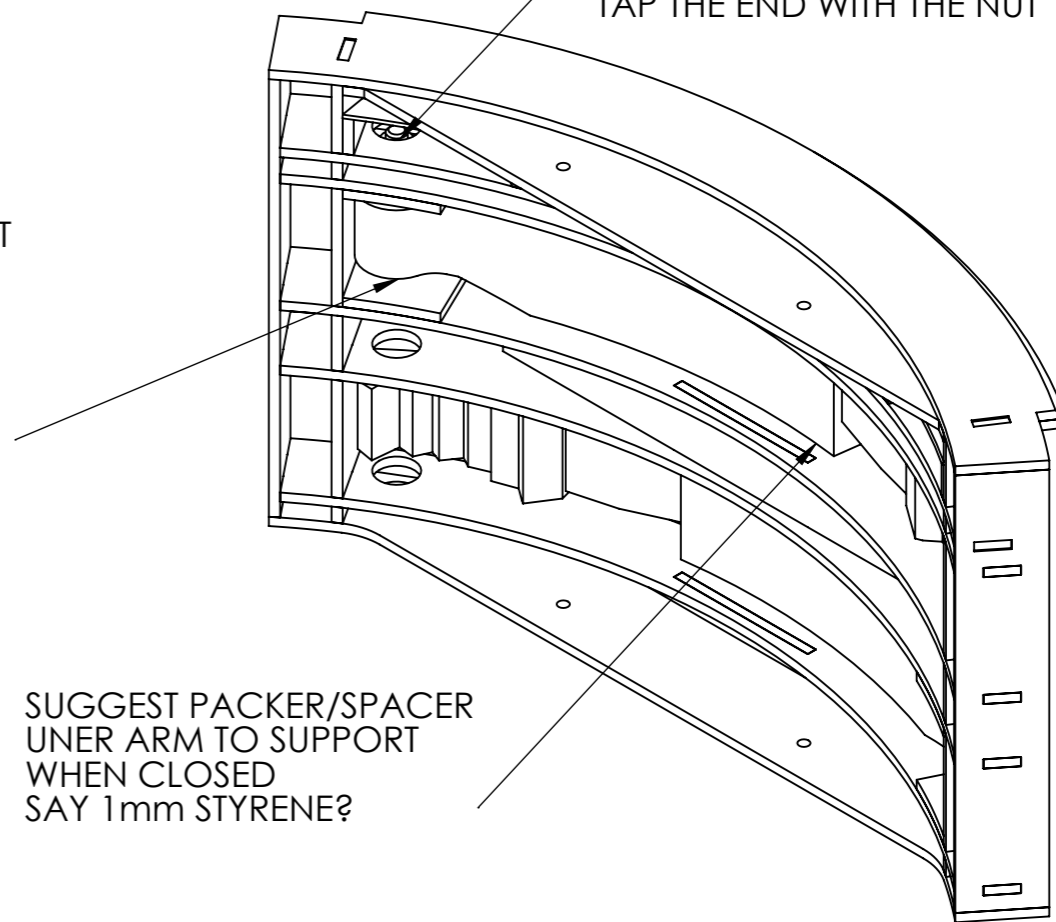
I HAVE FOUND THAT GETTING SOME BRASS TUBE  
FROM THE HOBBY SHOP, AND USING IT AT THE  
HINGE HOLE "HELPS" BUT STILL COULD BE BETTER

IF YOU WANT MOVING ARMS, YOUR ON YOUR  
OWN A BIT. CANT SAY IVE SEEN A GOOD SYSTEM YET

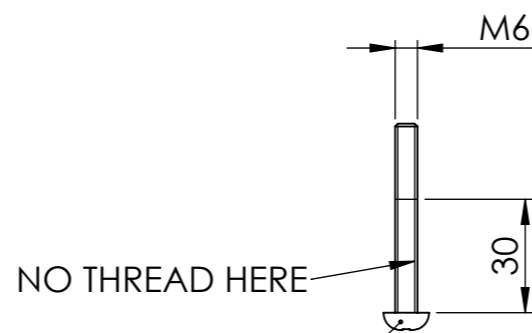
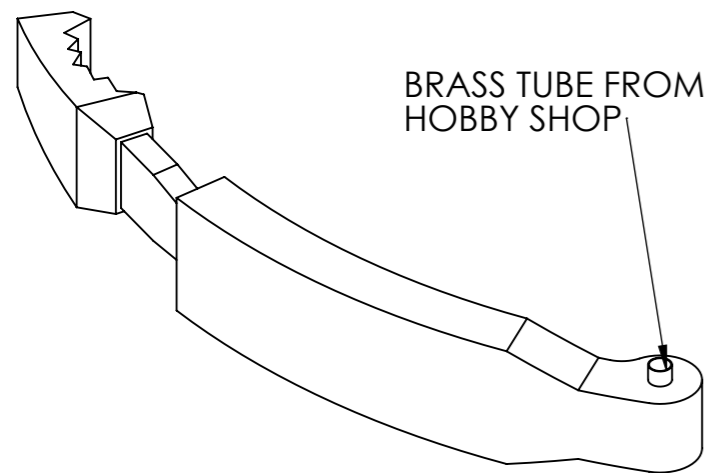
YOU WILL NEED TO MAKE PACKERS/SPACERS TO  
SUPPORT THE ARM

PACKER/SPACERS  
UNDER ARM TO SET  
CORRECT HEIGHT  
COULD BE:-  
-WASHERS  
-OFFCUT STYRENE  
-MACHINED BUSH  
ETC.

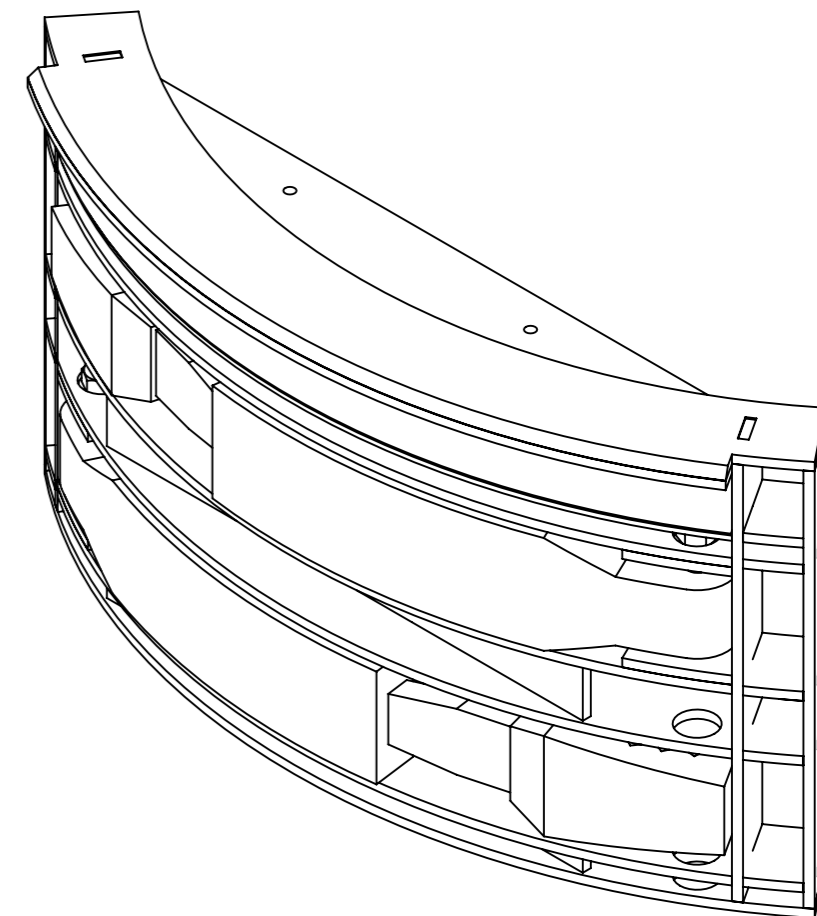
TAPPING THE HINGE SCREW HOLES IN THE  
FRAME "CAN" HELP MINIMISE SLOP.  
TAP THE END WITH THE NUT



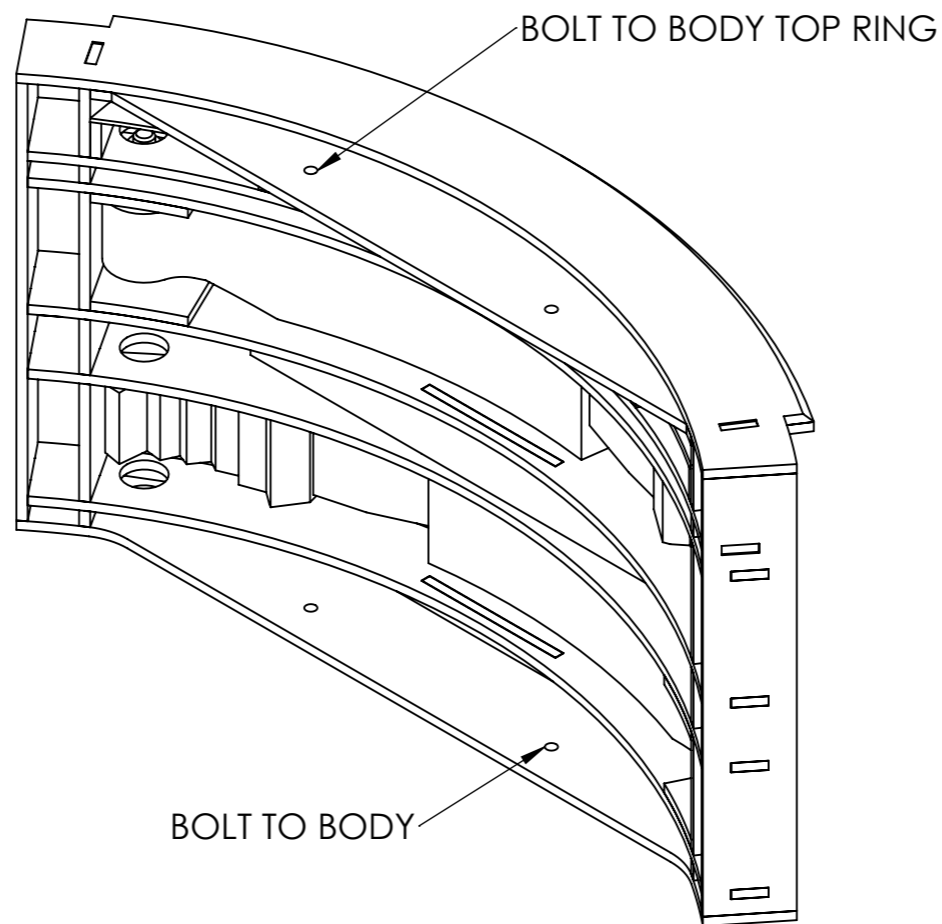
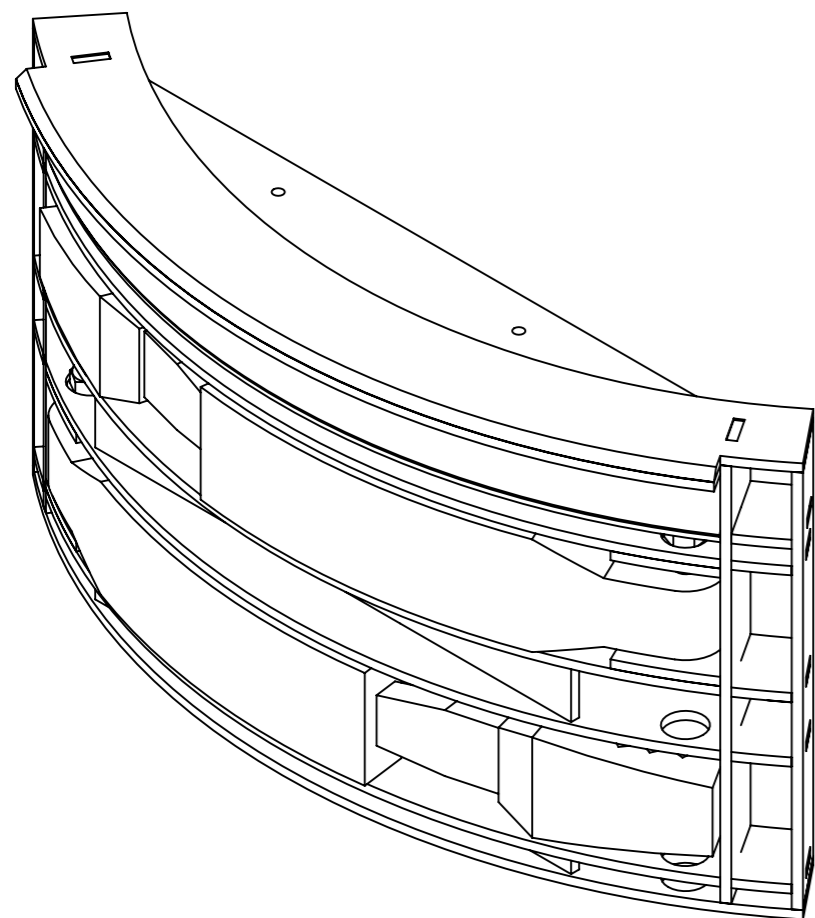
SUGGEST PACKER/SPACER  
UNER ARM TO SUPPORT  
WHEN CLOSED  
SAY 1mm STYRENE?



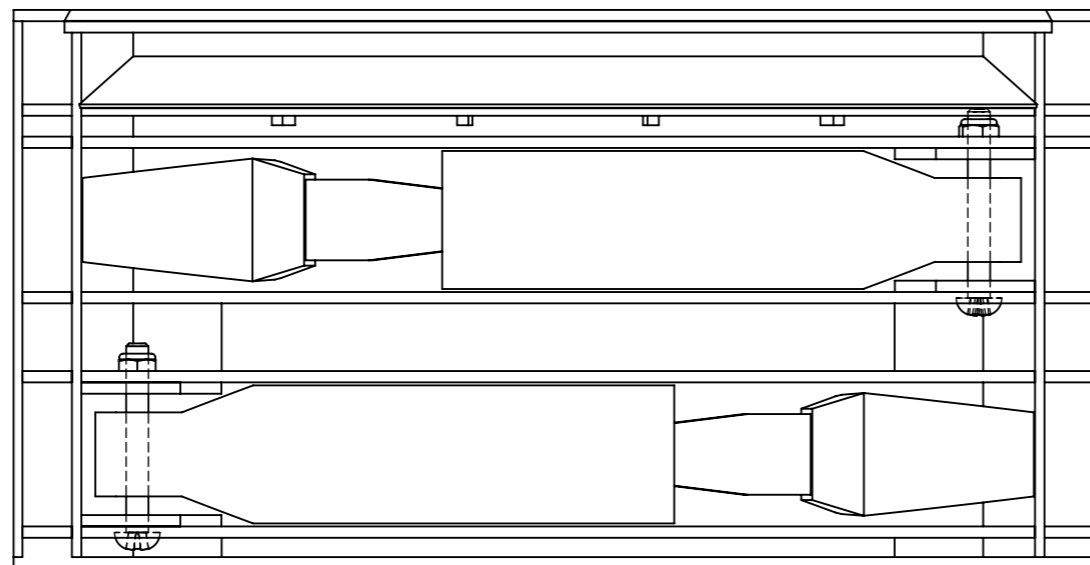
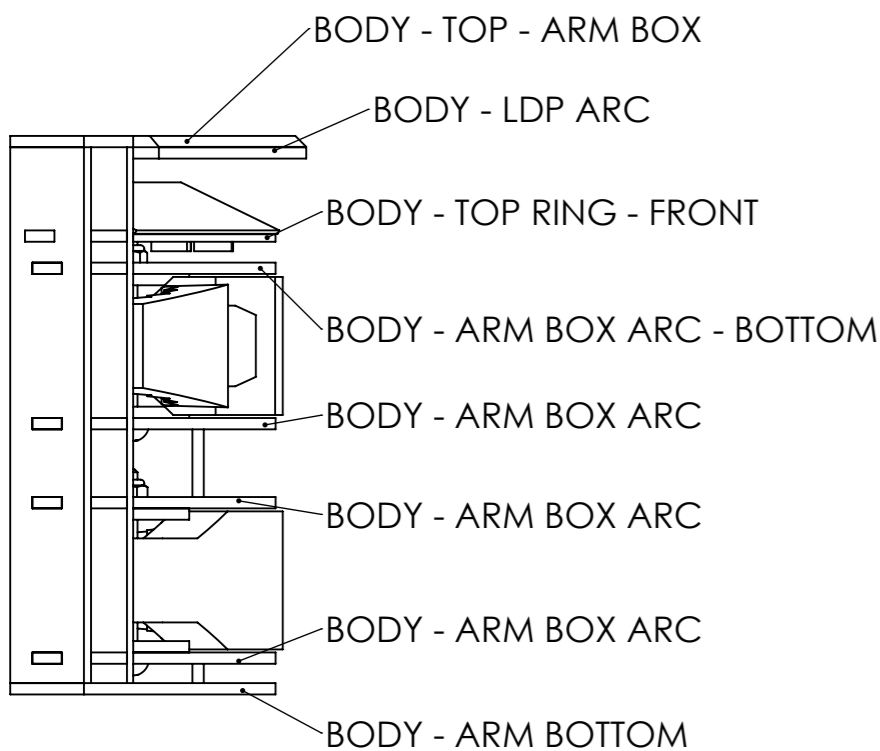
IF POSSIBLE, GET A BOLT  
WITH NO THREAD FOR 30 TO 35mm  
SO THIS SECTION ACTS LIKE A "PIN"



**PULL OUT TO THE FRONT VERSION SHOWN  
BUT METHODS SAME ON ALL VERIONS**



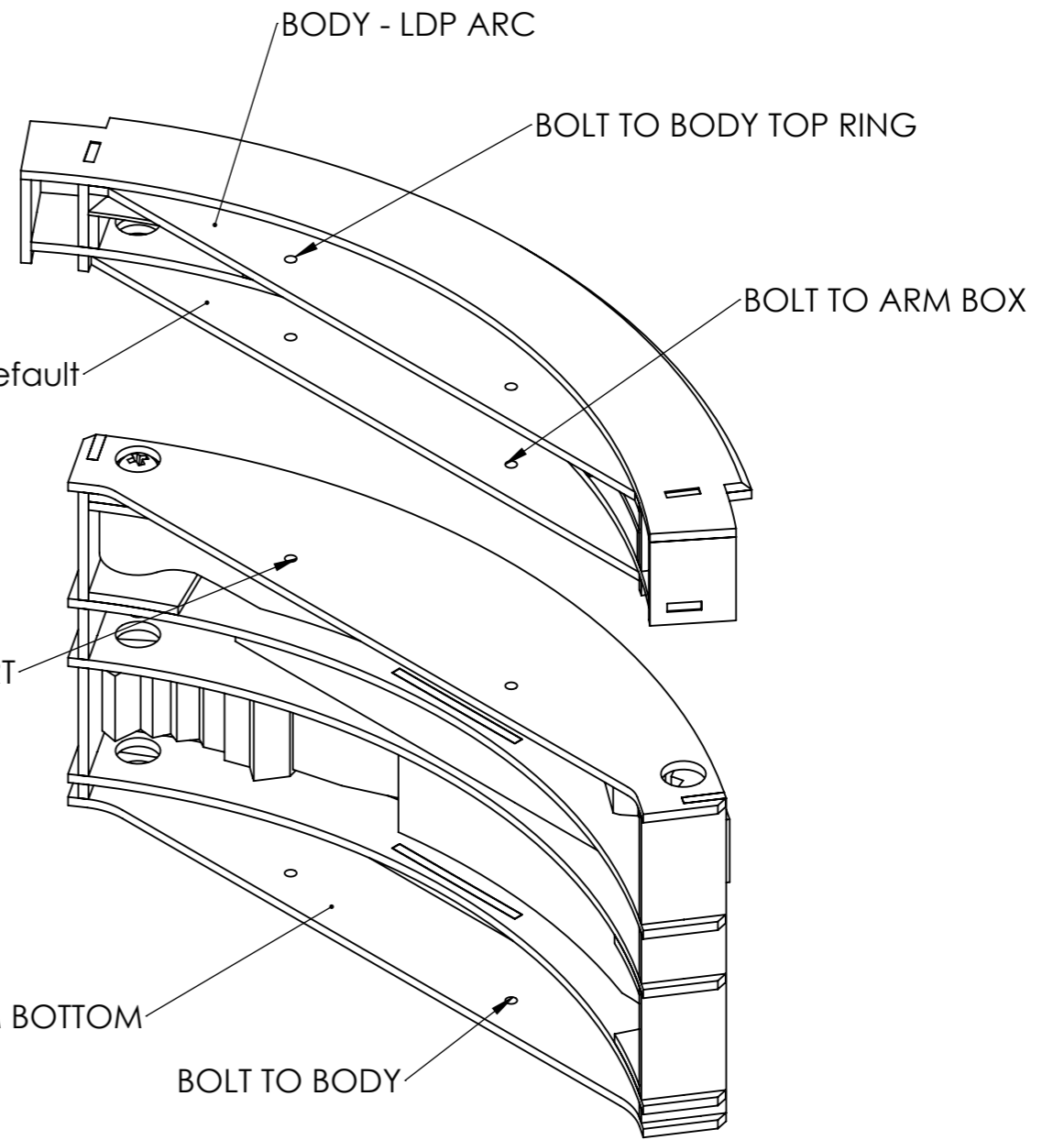
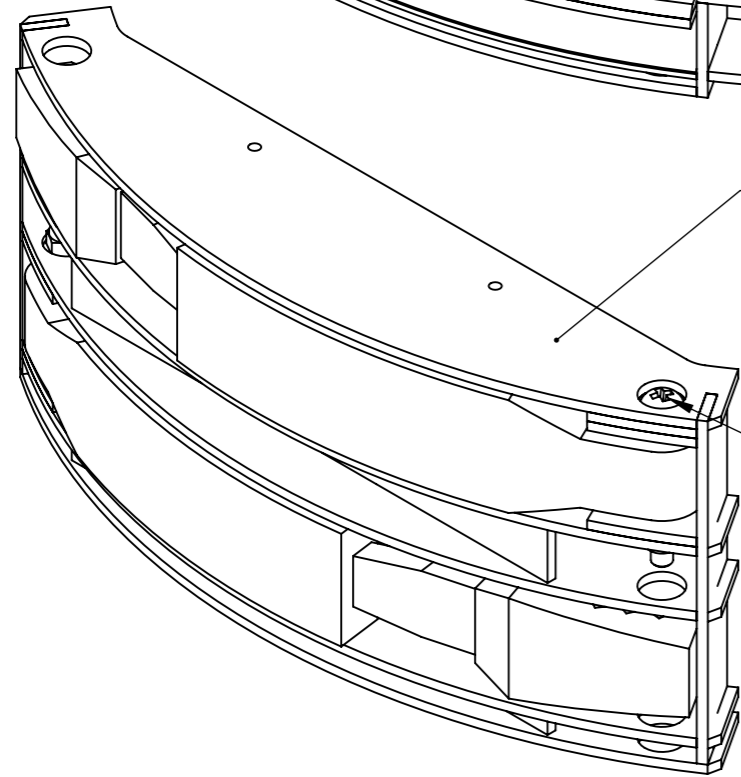
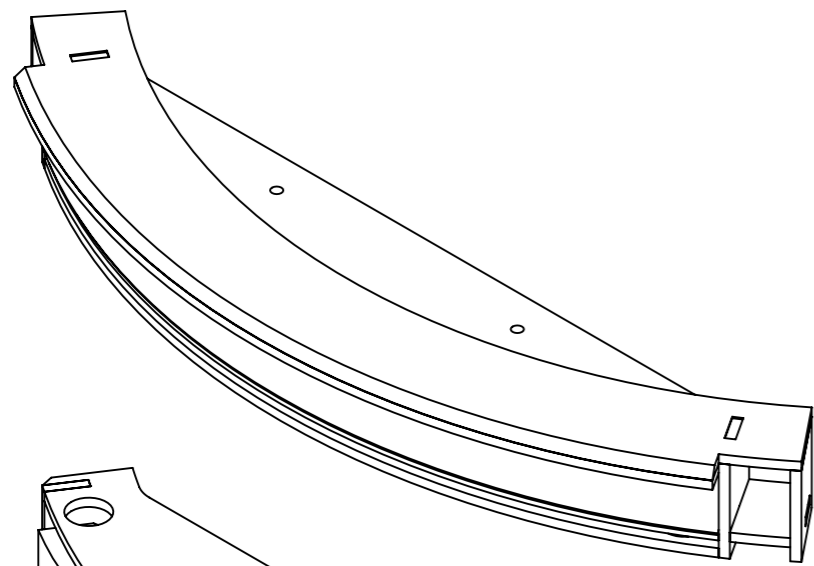
ITEM NO.	DESCRIPTION	Default/ QTY.
1	BODY - ARM BOTTOM	1
2	BODY - ARM END	2
3	BODY - ARM BOX ARC	3
4	BODY - ARM BOX ARC - BOTTOM	1
5	BODY - TOP RING - FRONT	1
6	BODY - LDP ARC	1
7	BODY - LDP END	2
8	BODY - TOP - ARM BOX	1
9	BODY - LDP SLOPE - END	2
10	BODY - LDP SLOPE	4
11	BODY - LDP SHEET	1
12	BODY - ARM SPACER - Default	4
13	BODY - ARM MIDDLE SPACER - BOTOM	1
14	BODY - ARM MIDDLE SPACER - Default	1
15	<b>BITS</b>	
16	Utility Arms	2
17	M6 PLAIN WASHER 304	4
18	Nyloc Nut M6	2
19	Machine Screw Phillips Pan Head M6 x 50	2



**PULL OUT TO THE FRONT**  
**MORE SCREEN ACCURATE**  
**IDEAL FOR WORKING ARMS**  
**DIFFICULT TO "FIT" RIGHT (BUT WORTH IT!)**

**LARGE DATA PORT AND ARM BOX 1 ASSEMBLY**

These instructions are only a guide !!  
 There are many versions of "R2" style units  
 The builder is ultimately responsible for their build  
 It is expected that builders have an understanding of  
 use of tools and reading of drawings and common sense



BODY - ARM PLATE - Default

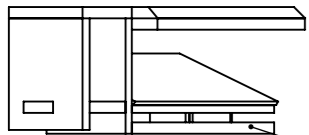
BODY - ARM BOX ARC - TOP

BOLT TO LARGE DATA PORT

IF SCREW SITS HIGHER THAN FRAM  
LOOSE THE WASHER

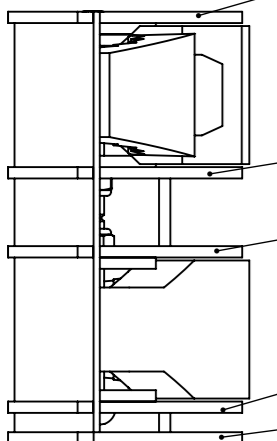
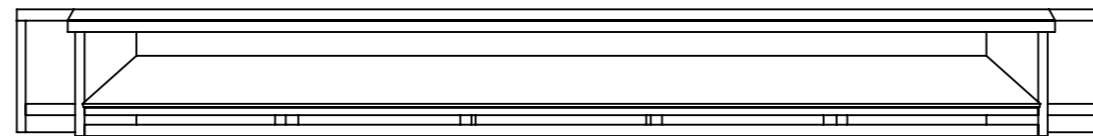
BODY - ARM BOTTOM

BOLT TO BODY



BODY - ARM PLATE - Default

BODY - ARM BOX ARC - TOP

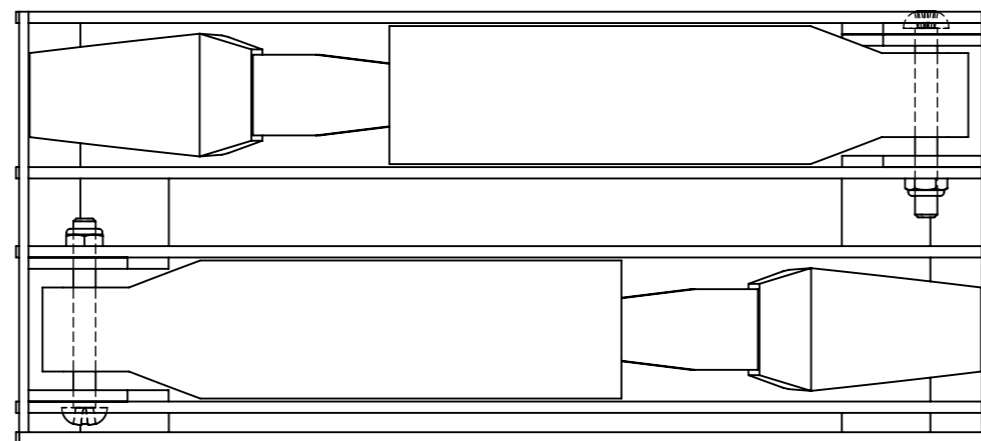


BODY - ARM BOX ARC

BODY - ARM BOX ARC

BODY - ARM BOX ARC

BODY - ARM BOTTOM

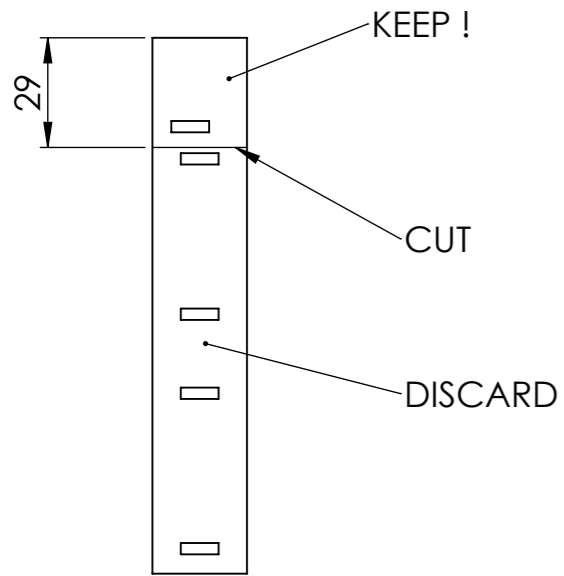


**PULL OUT TO THE INSIDE**

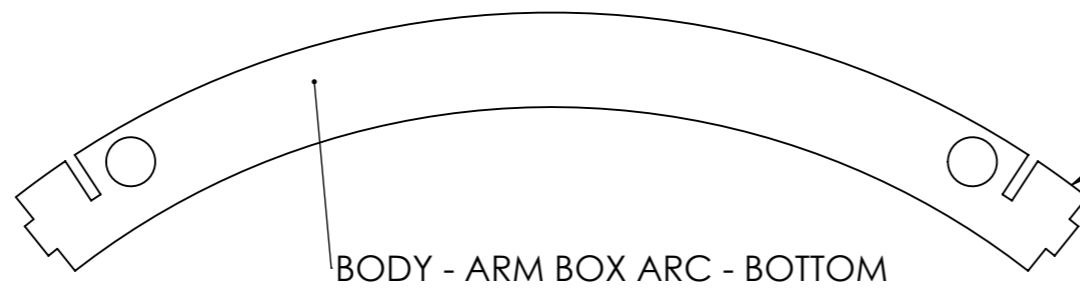
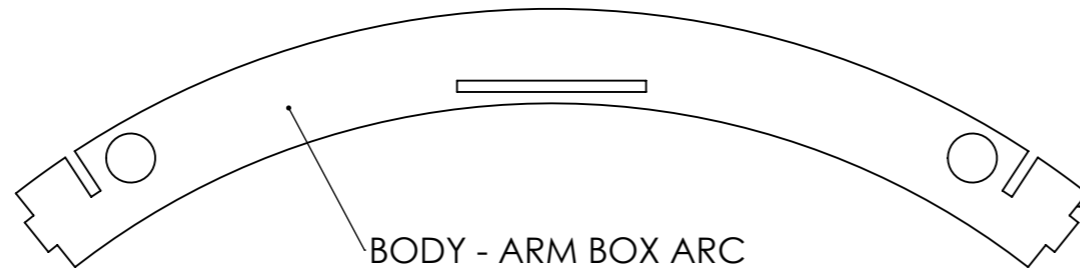
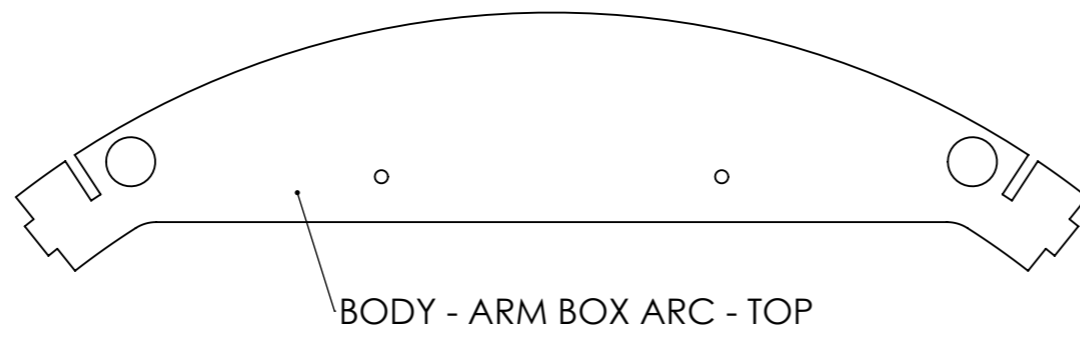
**OK FOR WORKING OR FIXED ARMS  
SKINS FIT BETTER AS THERE IS NOT CUTOUT  
AT FRONT  
(FIXED A MORE COMMON OPTION)**

**LARGE DATA PORT AND  
ARM BOX 2 ASSEMBLIES**

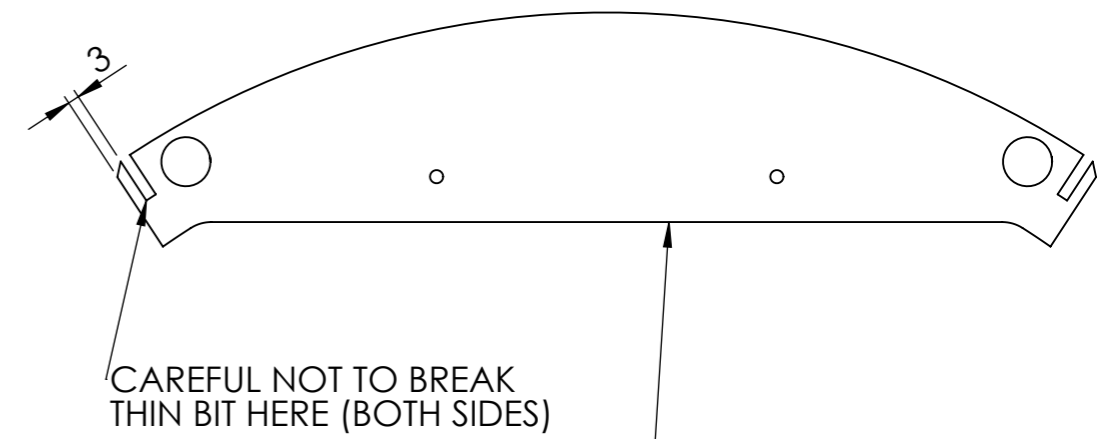
**ARM BOX  
SHEET 3 OF 20**



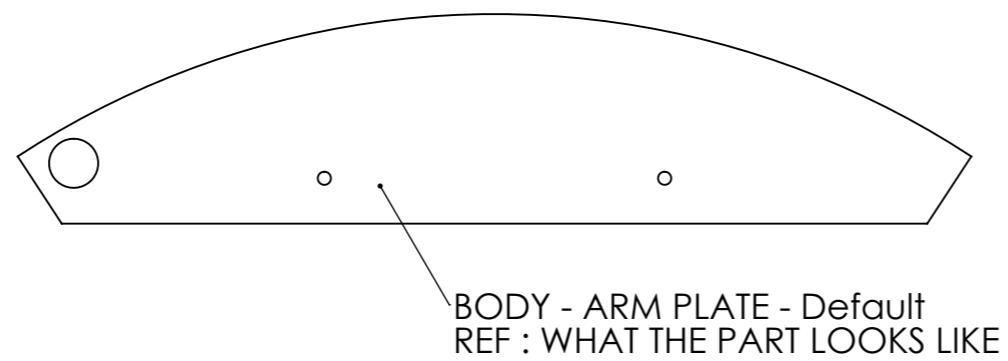
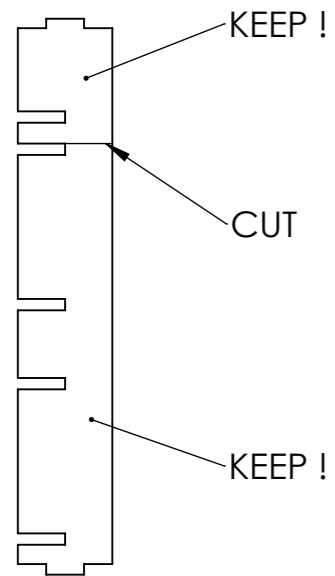
**UNCUT PART**



**CUT PART**

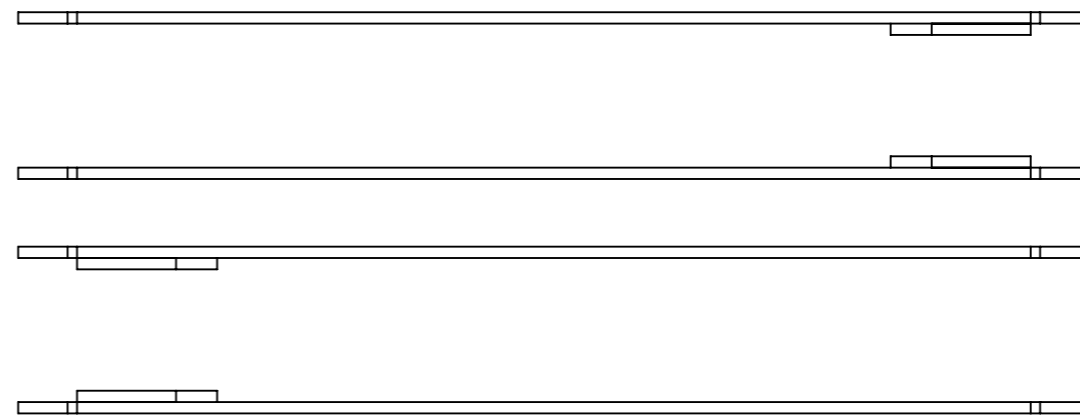
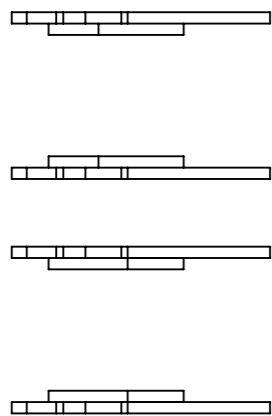
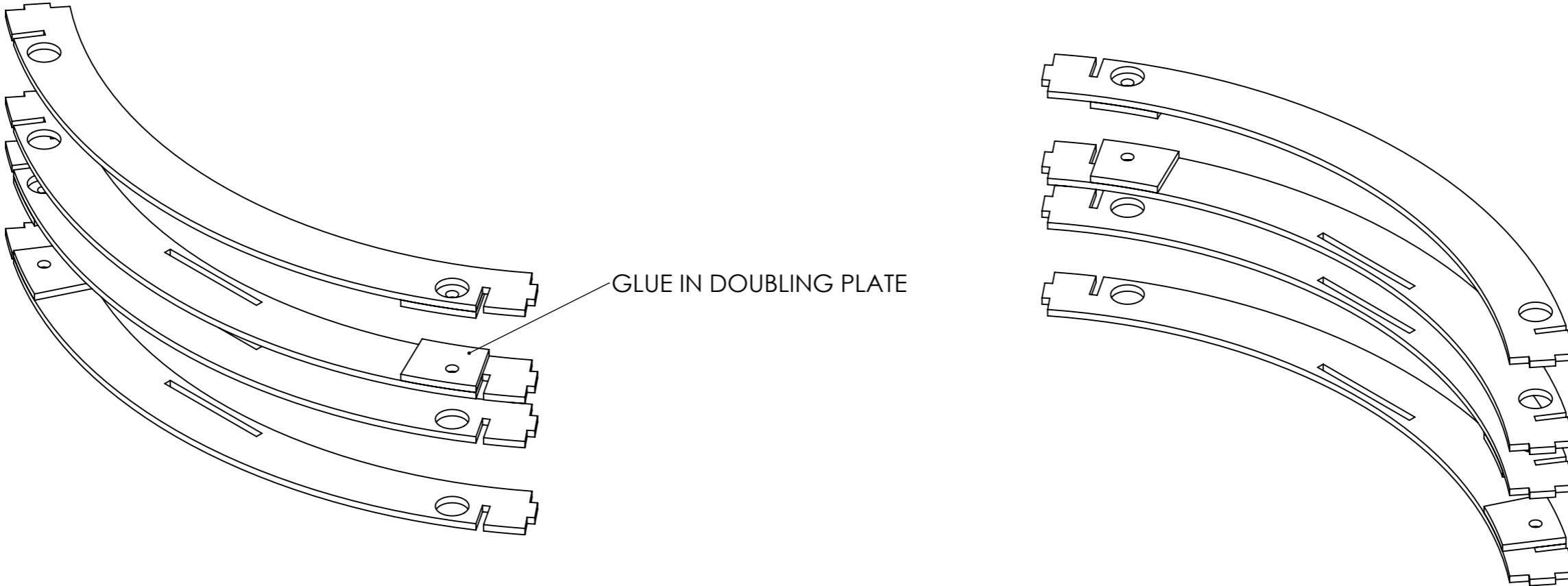


USE AS TEMPLATE AND CUT-BACK THESE TWO

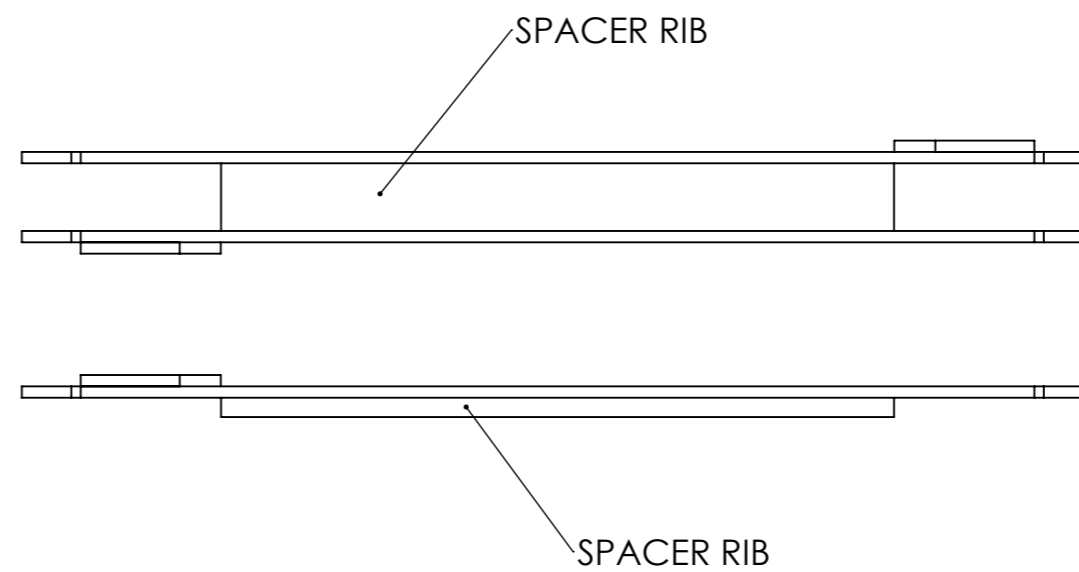
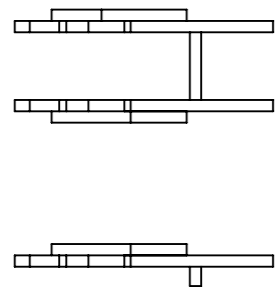
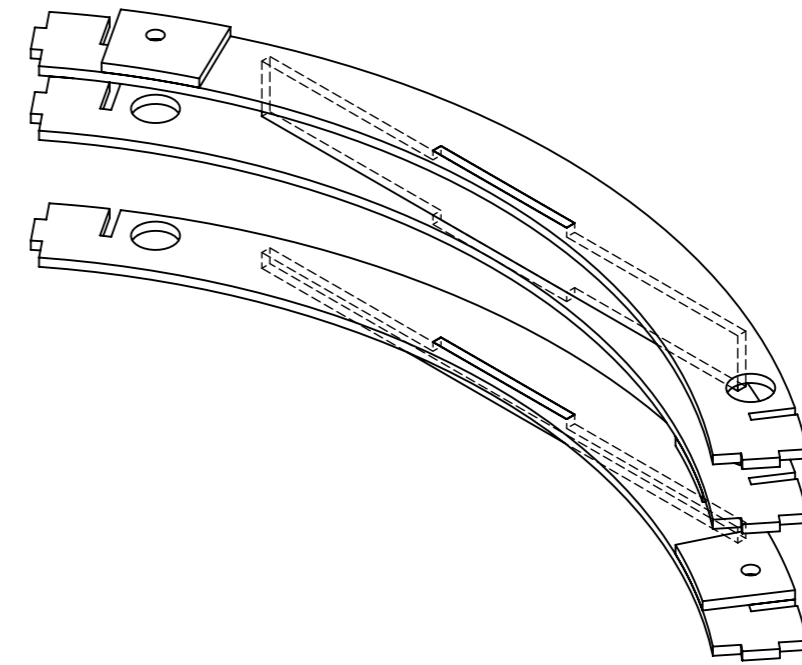
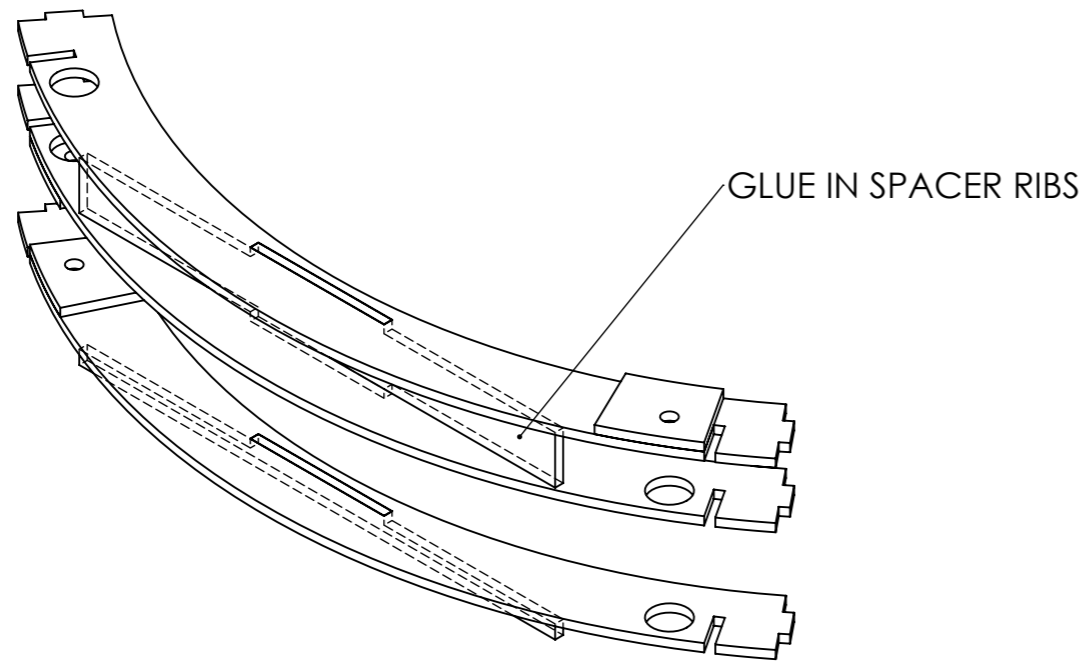


**FOR PULL OUT TO THE INSIDE**

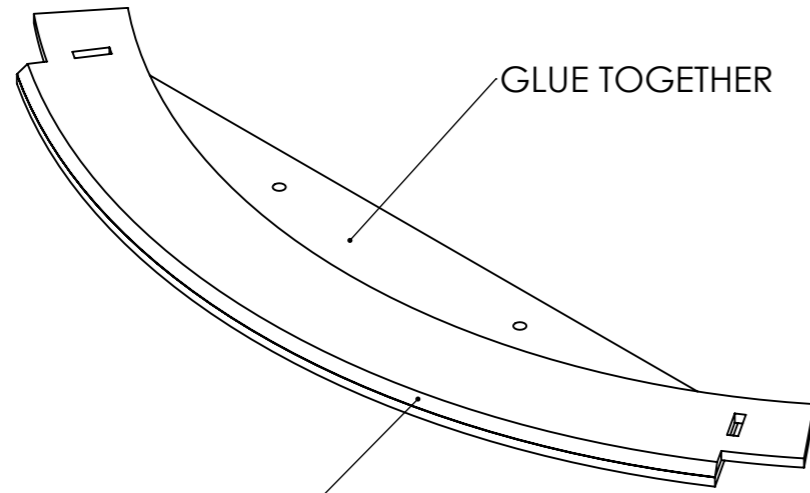
# PULL OUT TO THE FRONT VERSION



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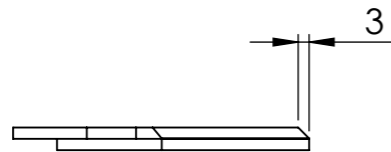
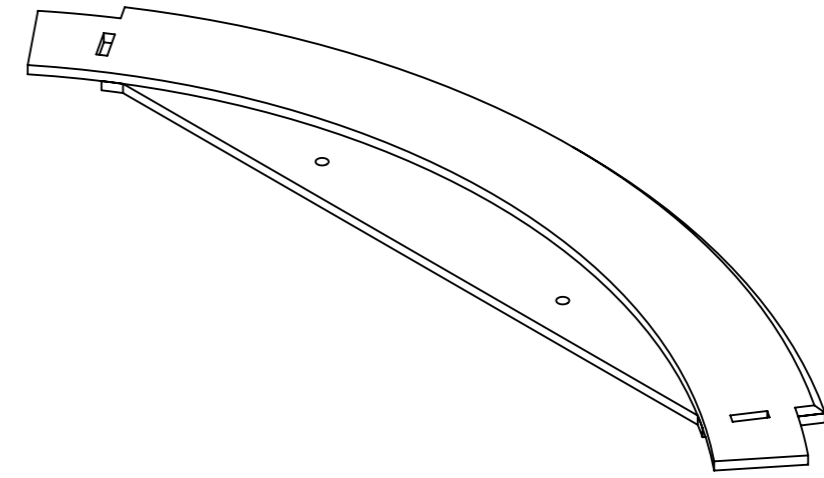


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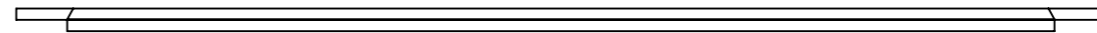


FILE / SAND CHAMPHER

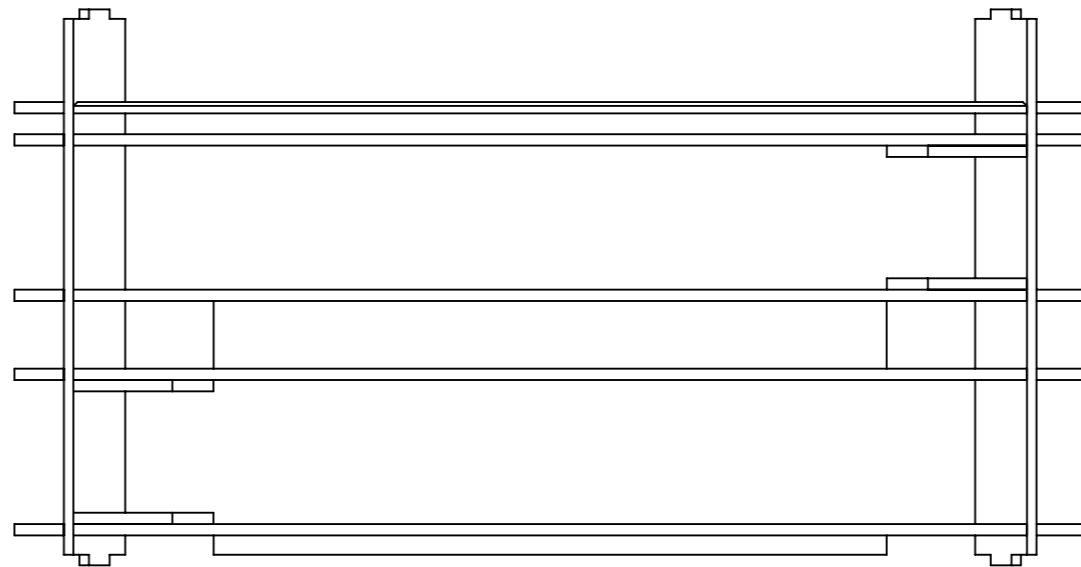
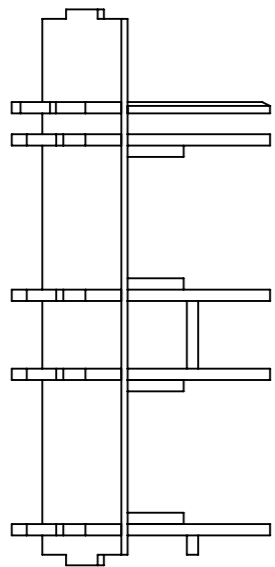
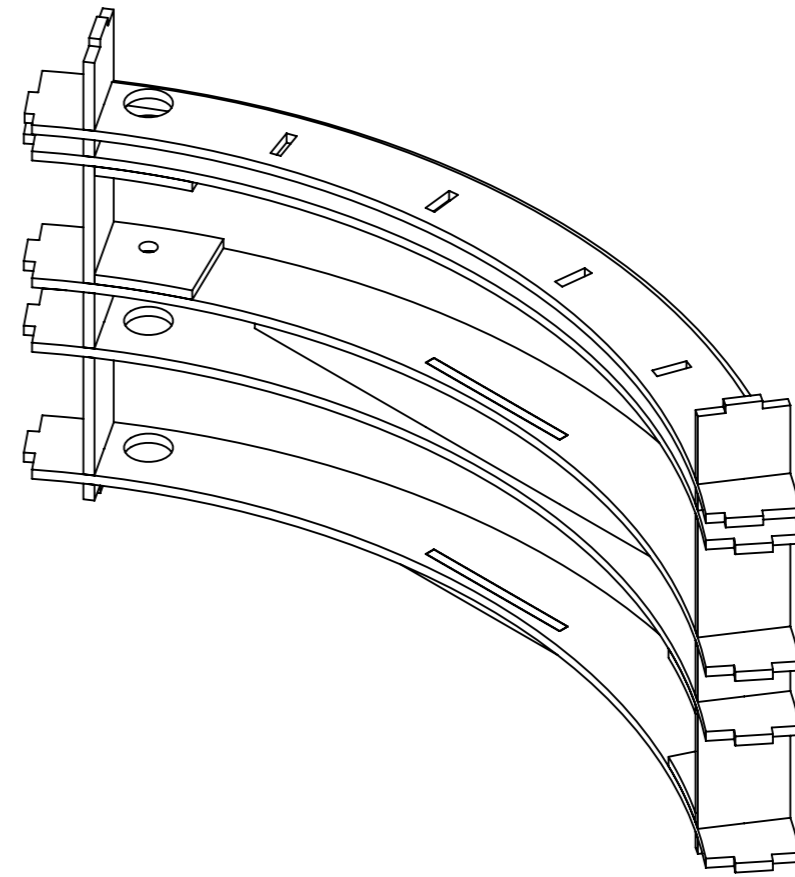
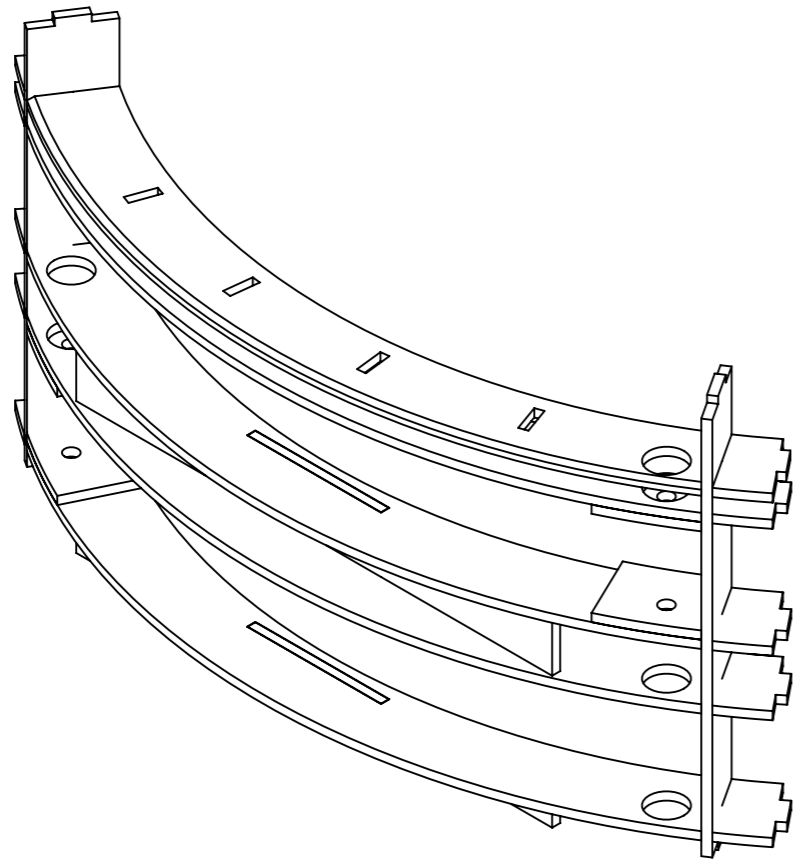
GLUE TOGETHER



3

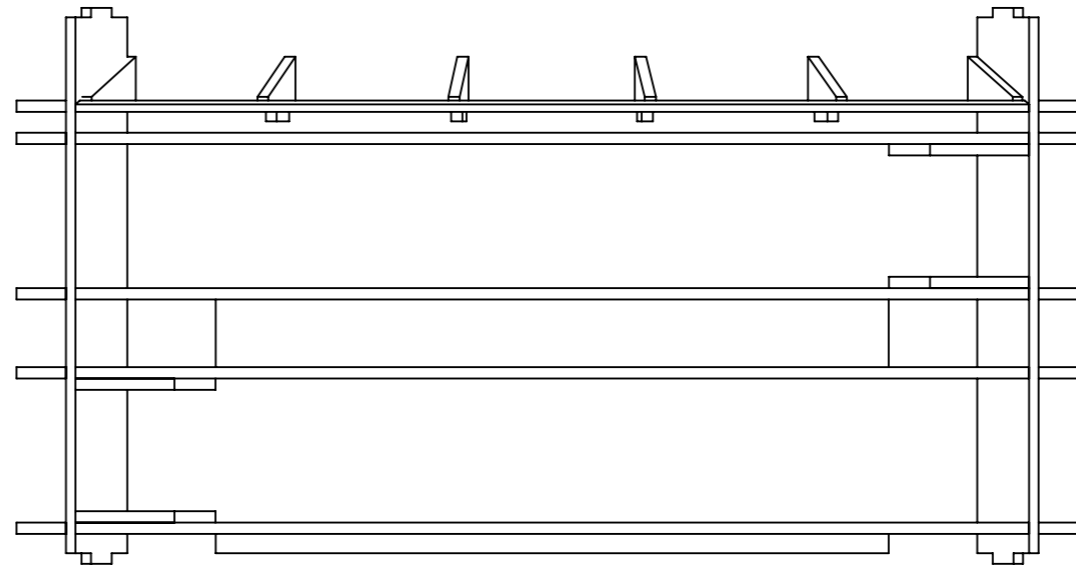
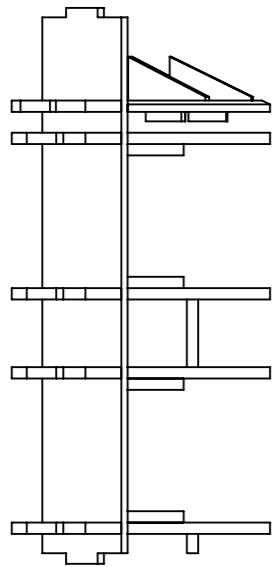
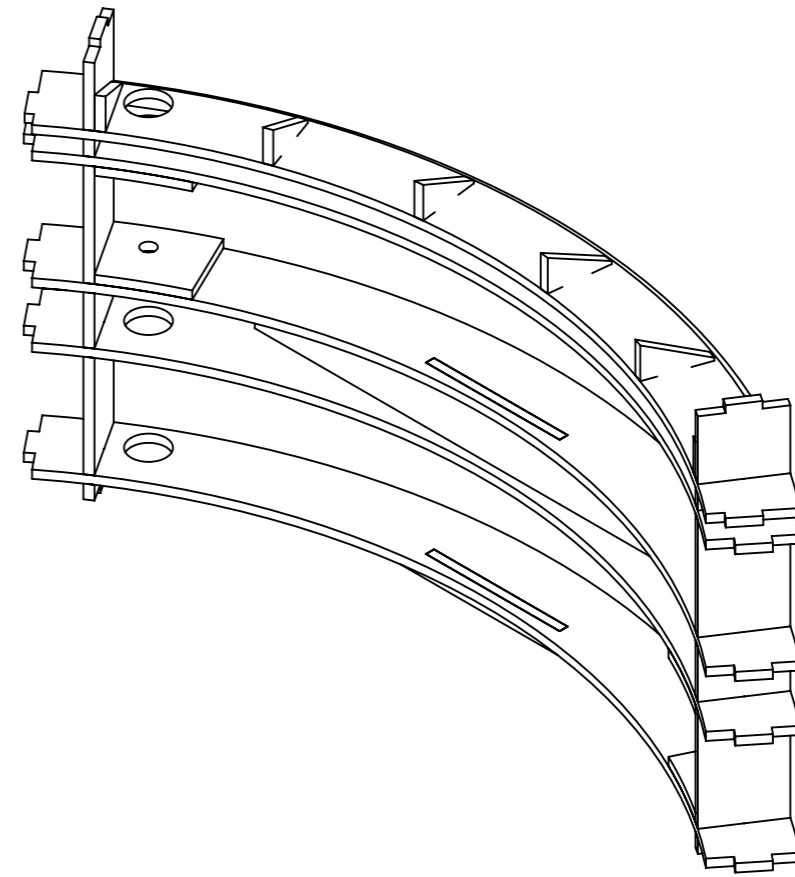
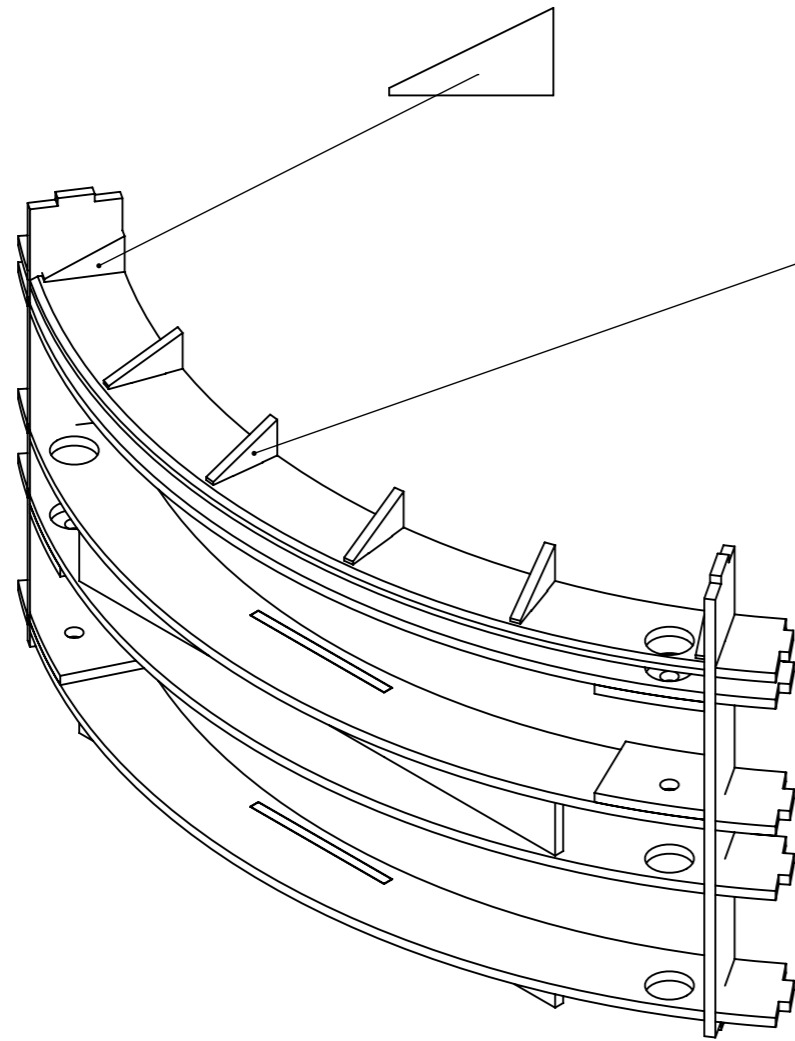


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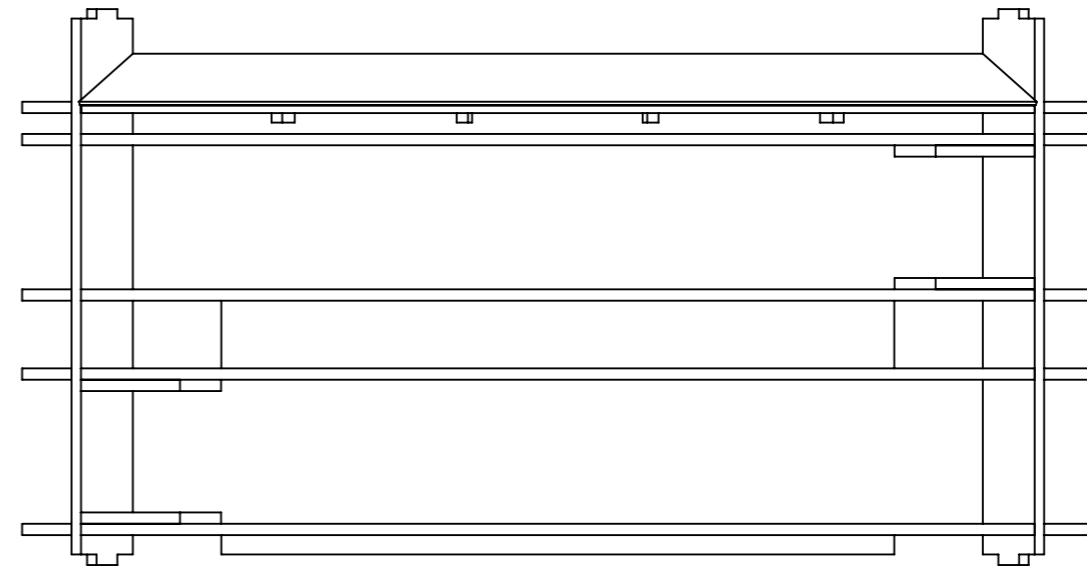
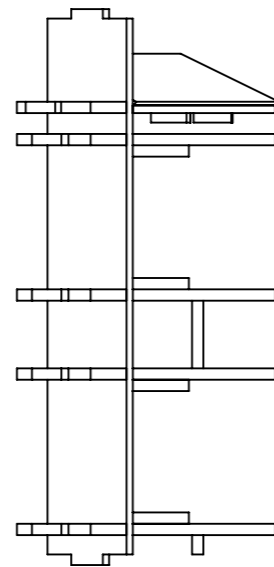
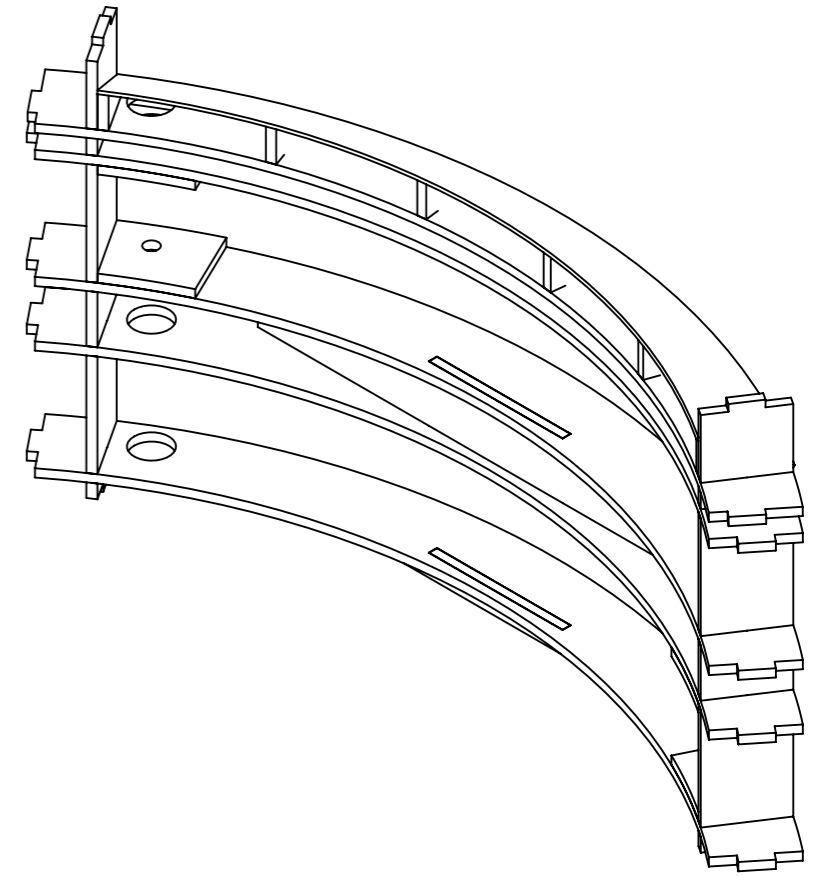
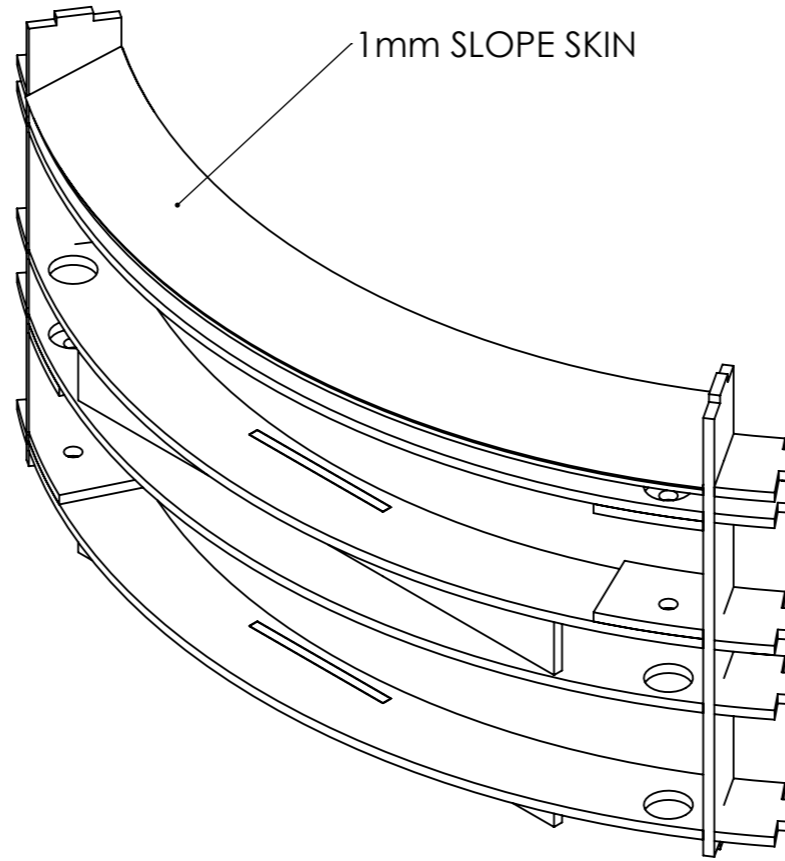
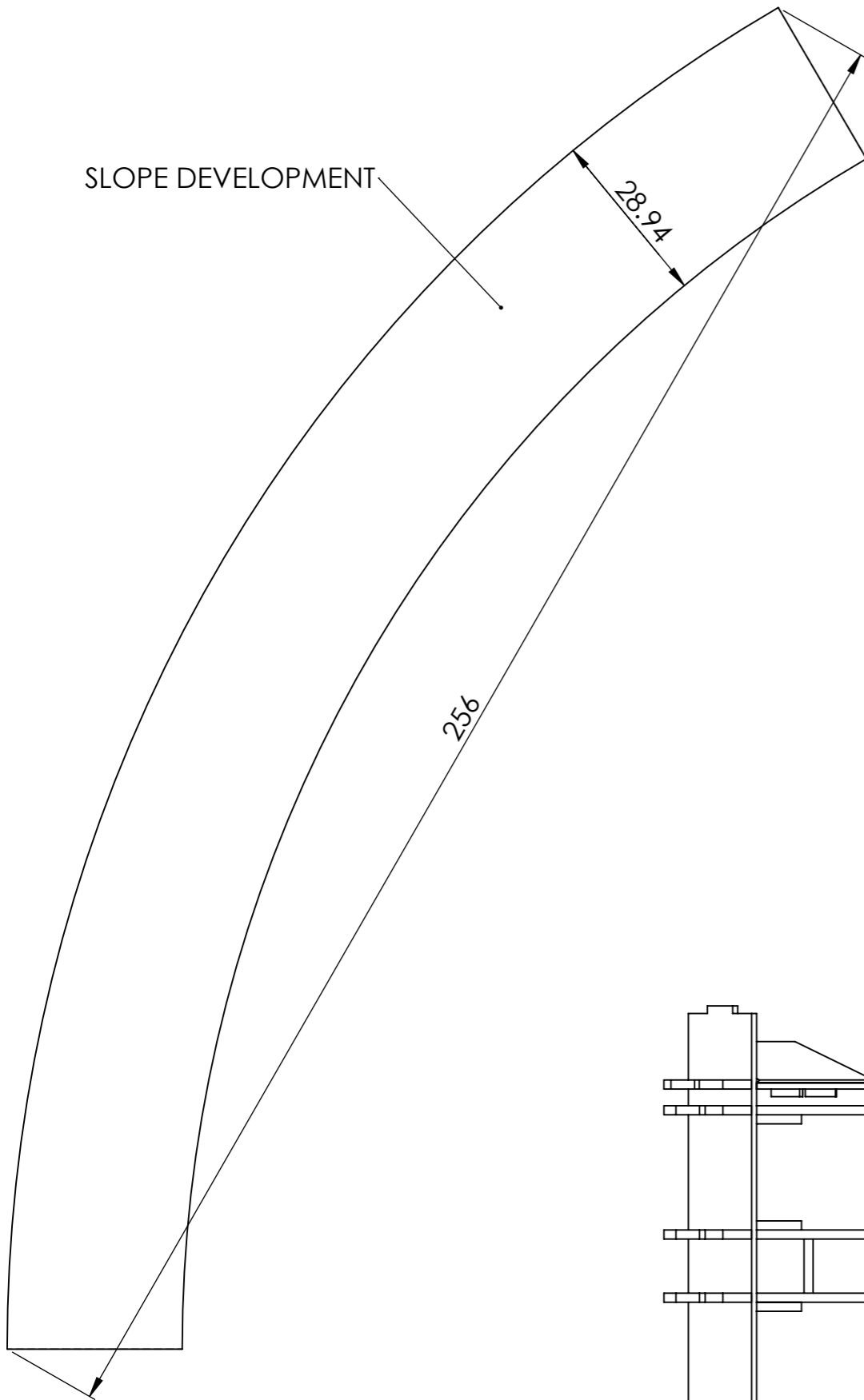




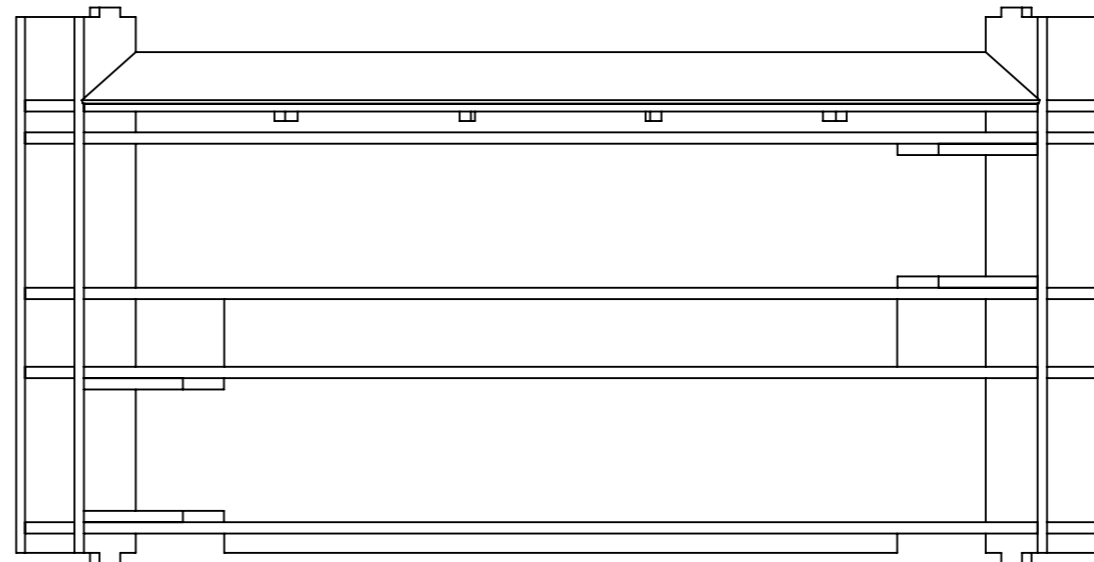
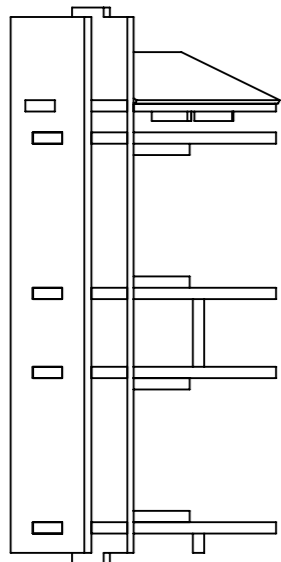
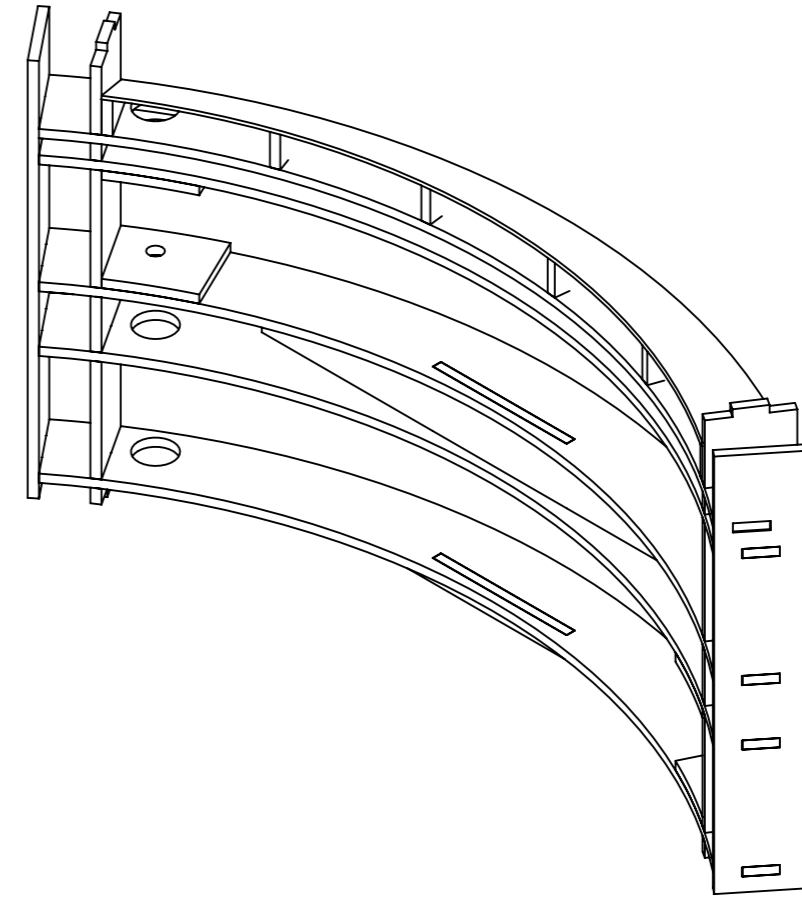
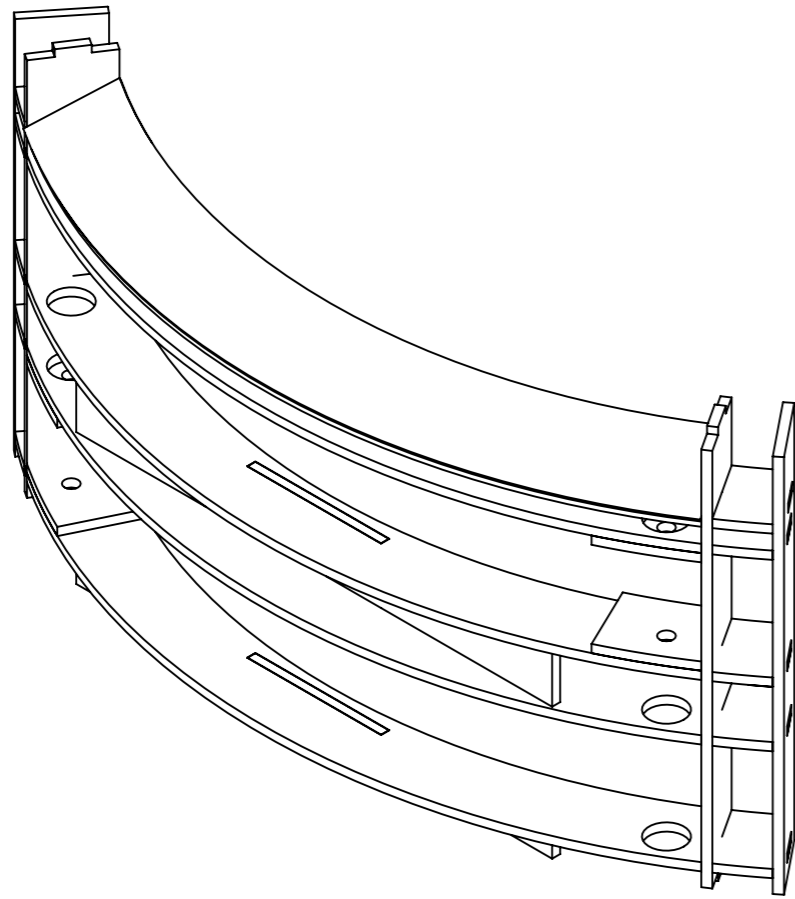
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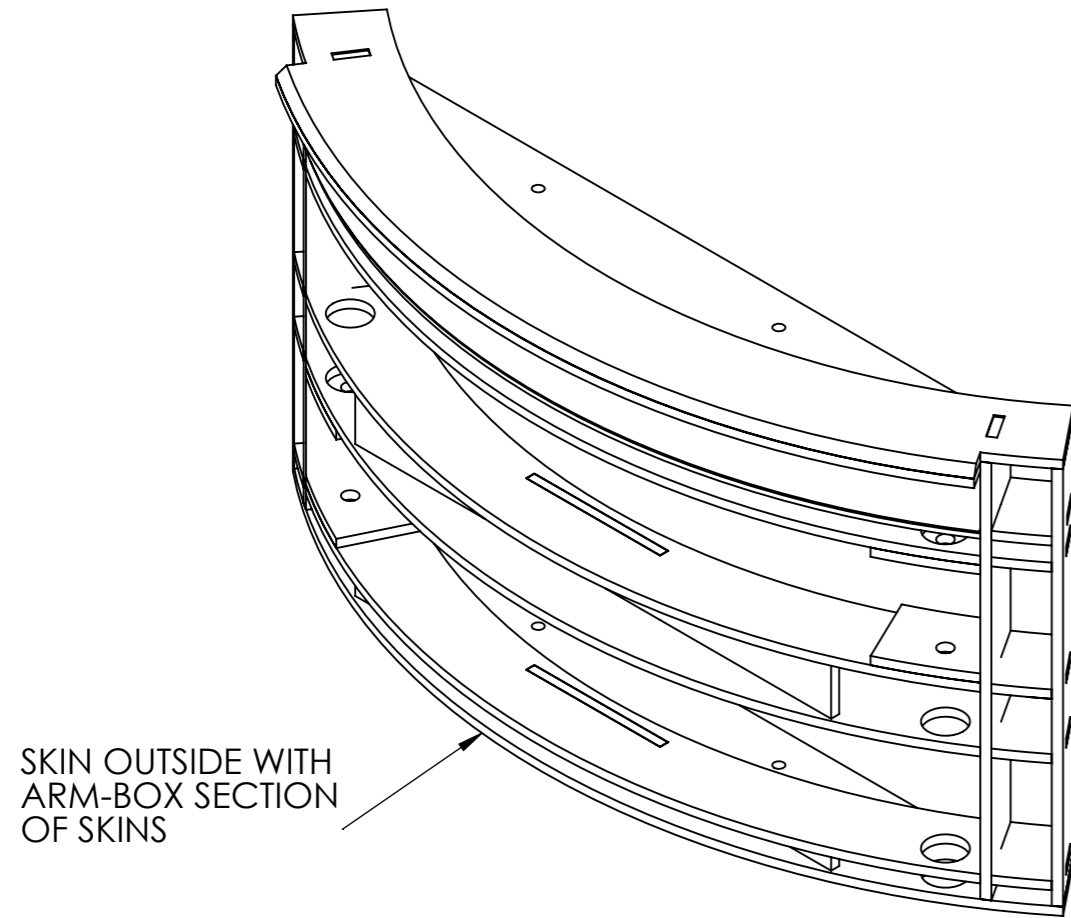
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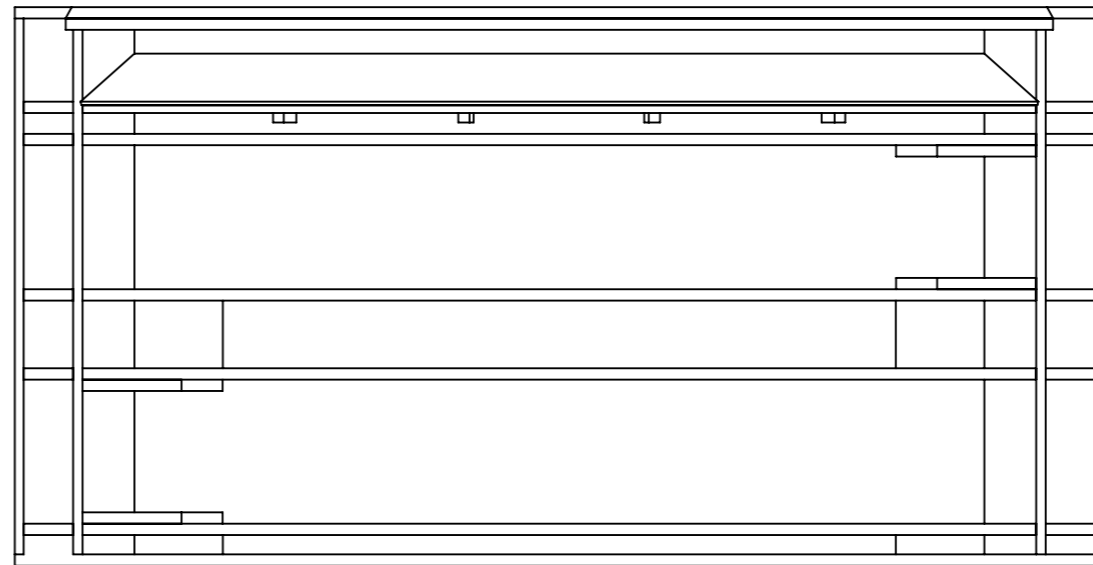
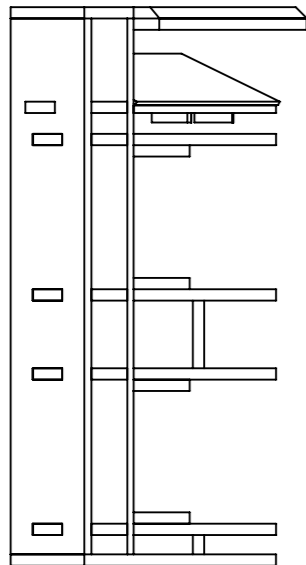
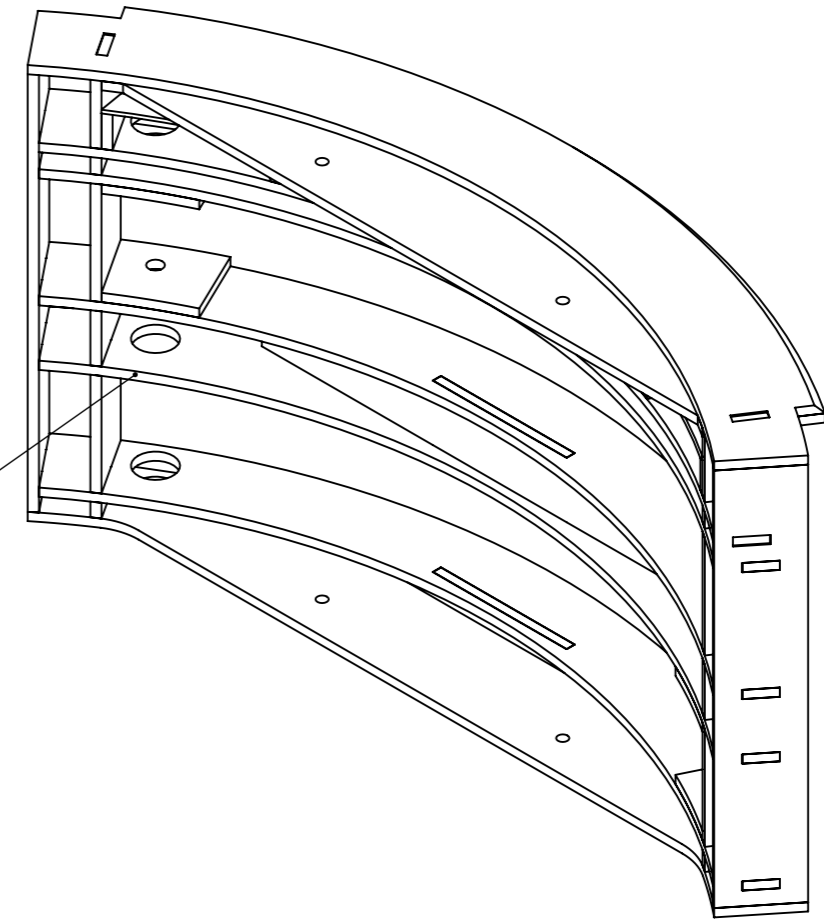
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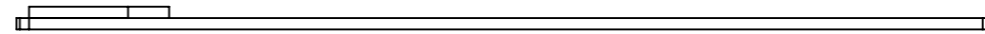
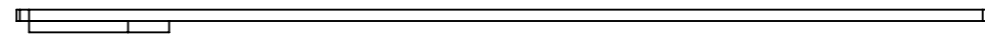
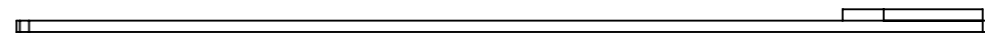
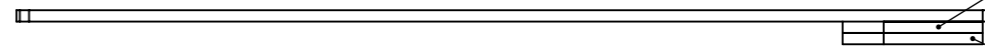
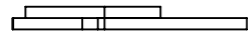
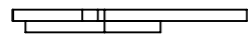
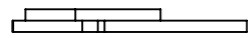
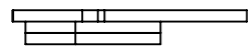
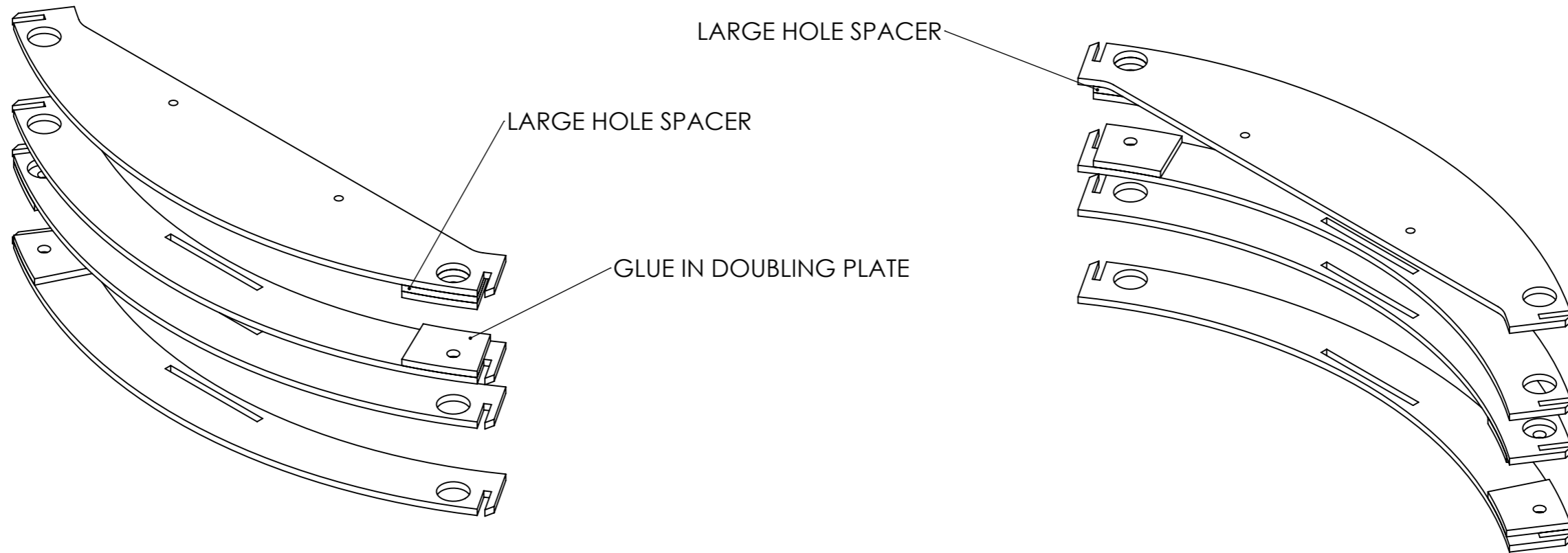
# PULL OUT TO THE FRONT VERSION



PUT 1mm SKIN OVER THE INSIDE OF ARM BOX AREA



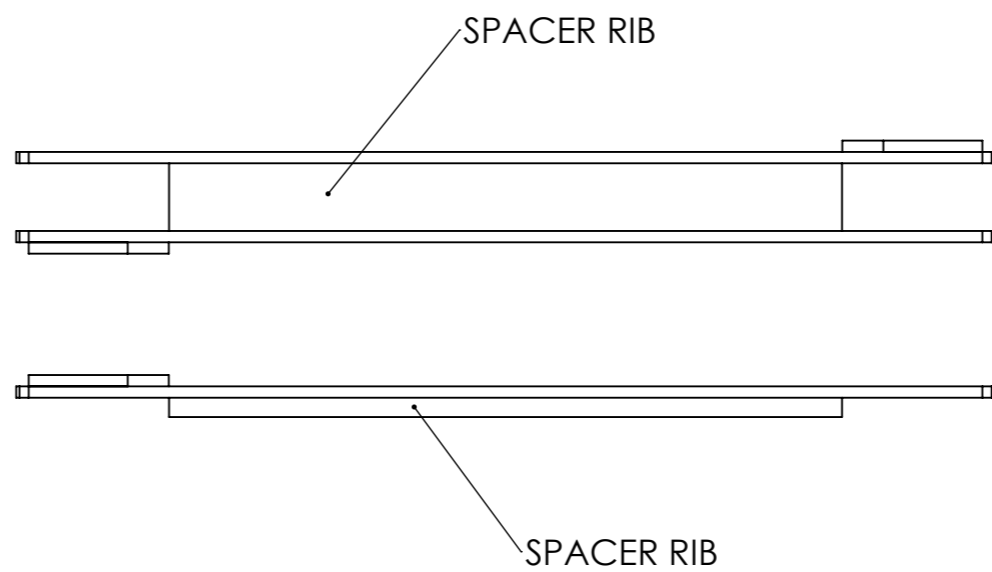
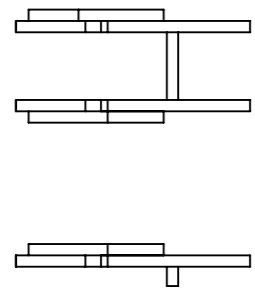
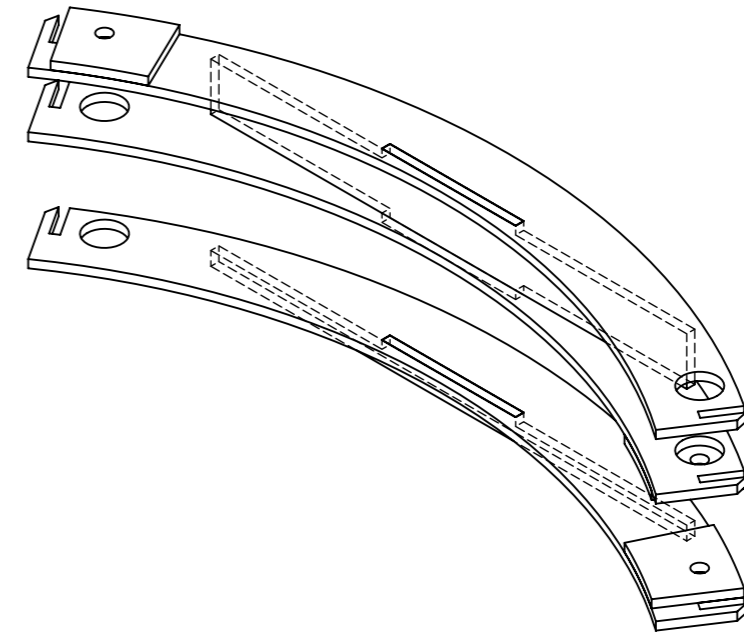
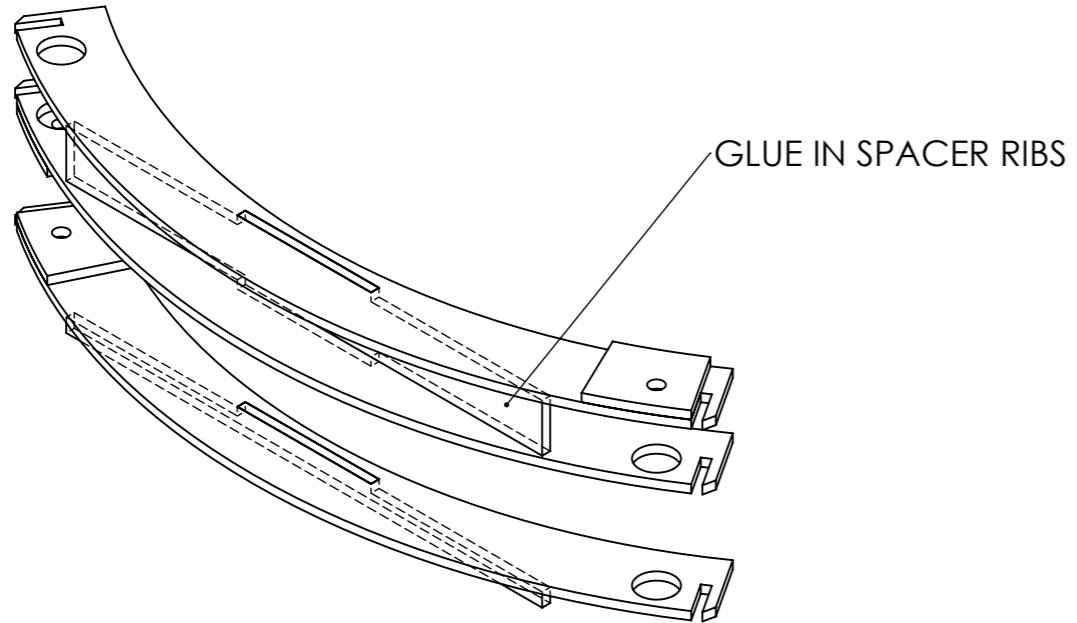
# PULL OUT TO THE BACK VERSION ARM BOX



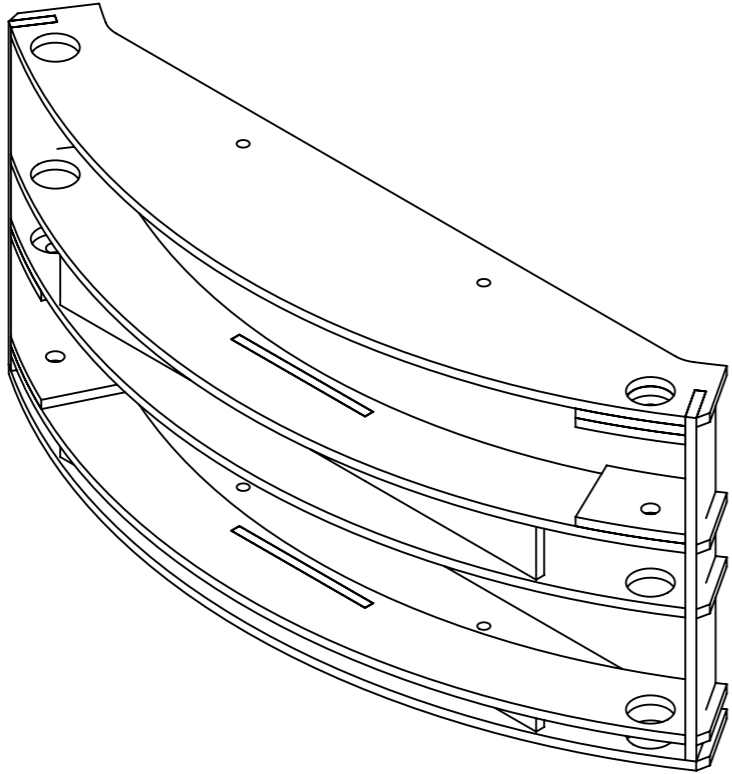
LARGE HOLE SPACER

SMALL HOLE SPACER

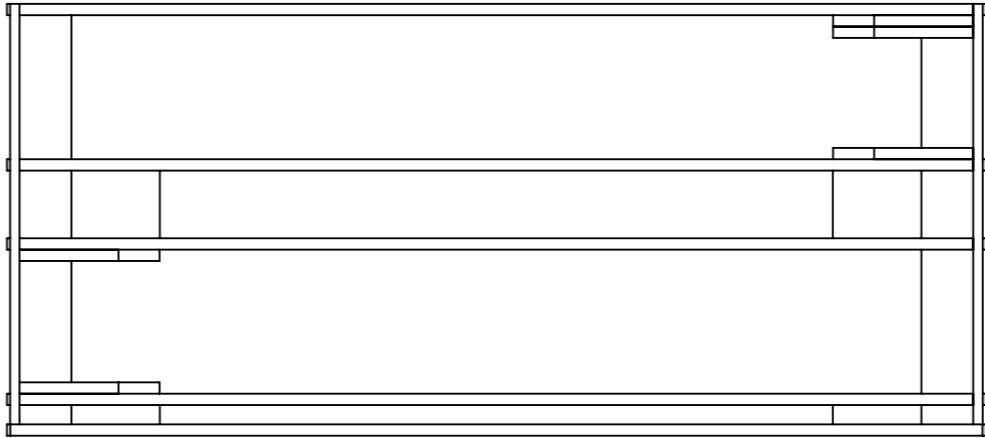
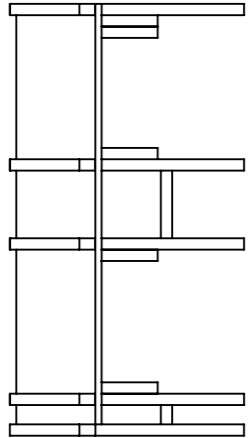
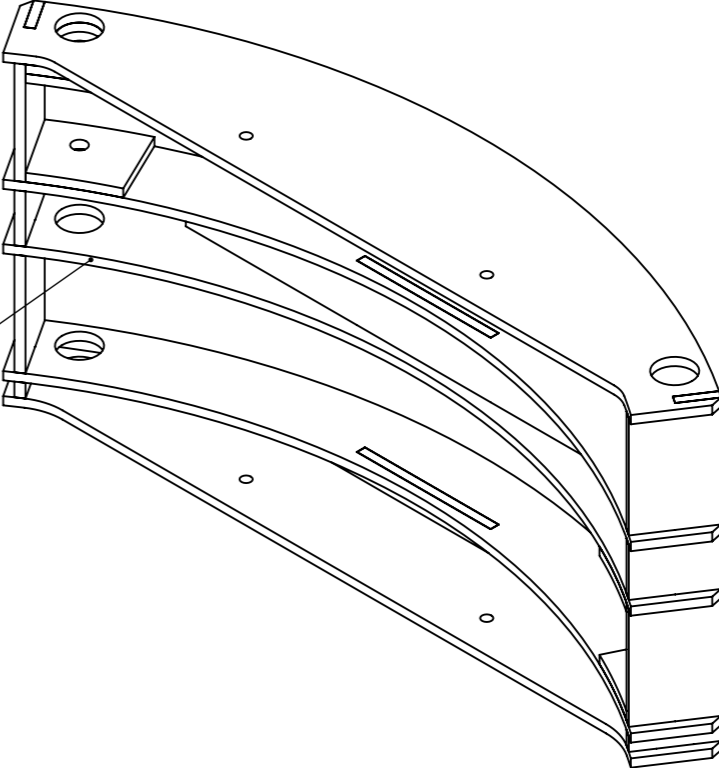
# PULL OUT TO THE BACK VERSION ARM BOX



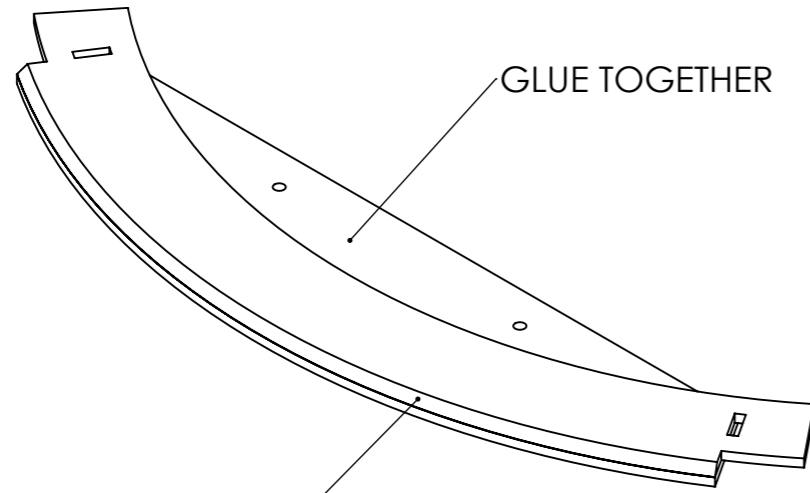
# PULL OUT TO THE BACK VERSION ARM BOX



PUT 1mm SKIN  
OVER THE INSIDE  
OF ARM BOX AREA

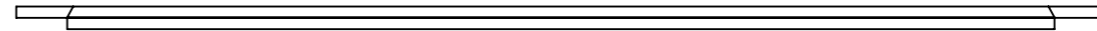
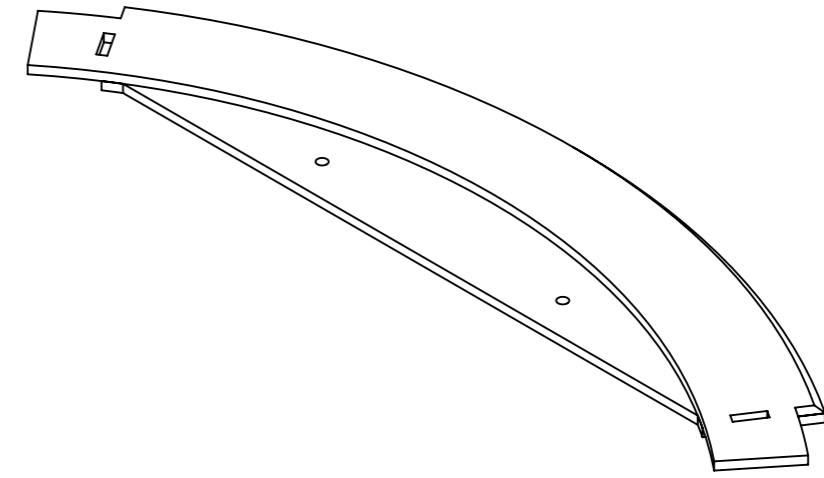


# PULL OUT TO THE BACK VERSION LARGE DATA PORT (LDP)



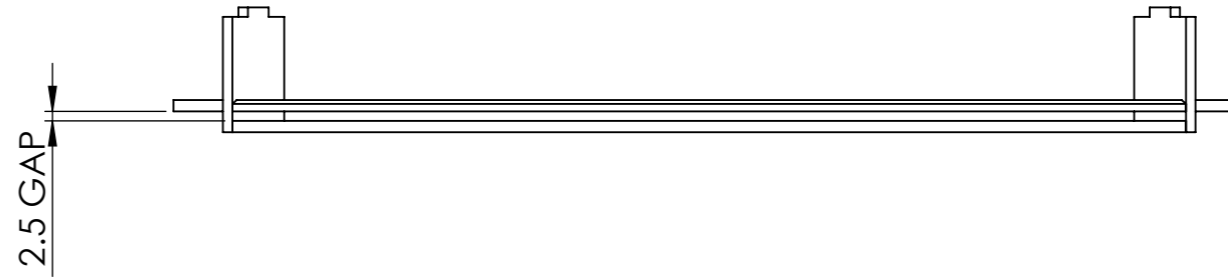
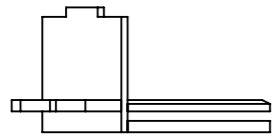
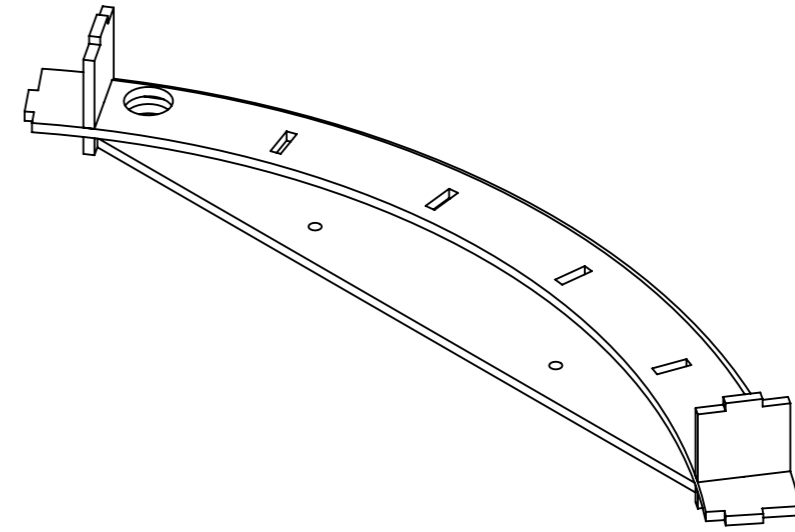
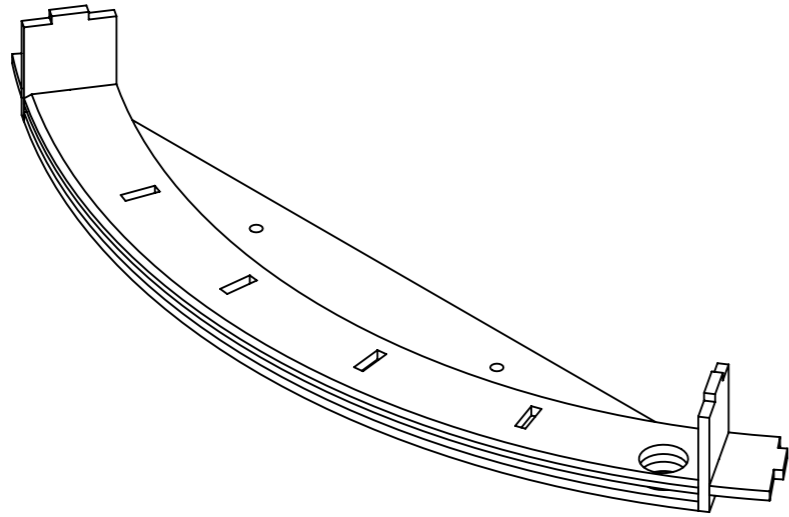
FILE / SAND CHAMPHER

GLUE TOGETHER

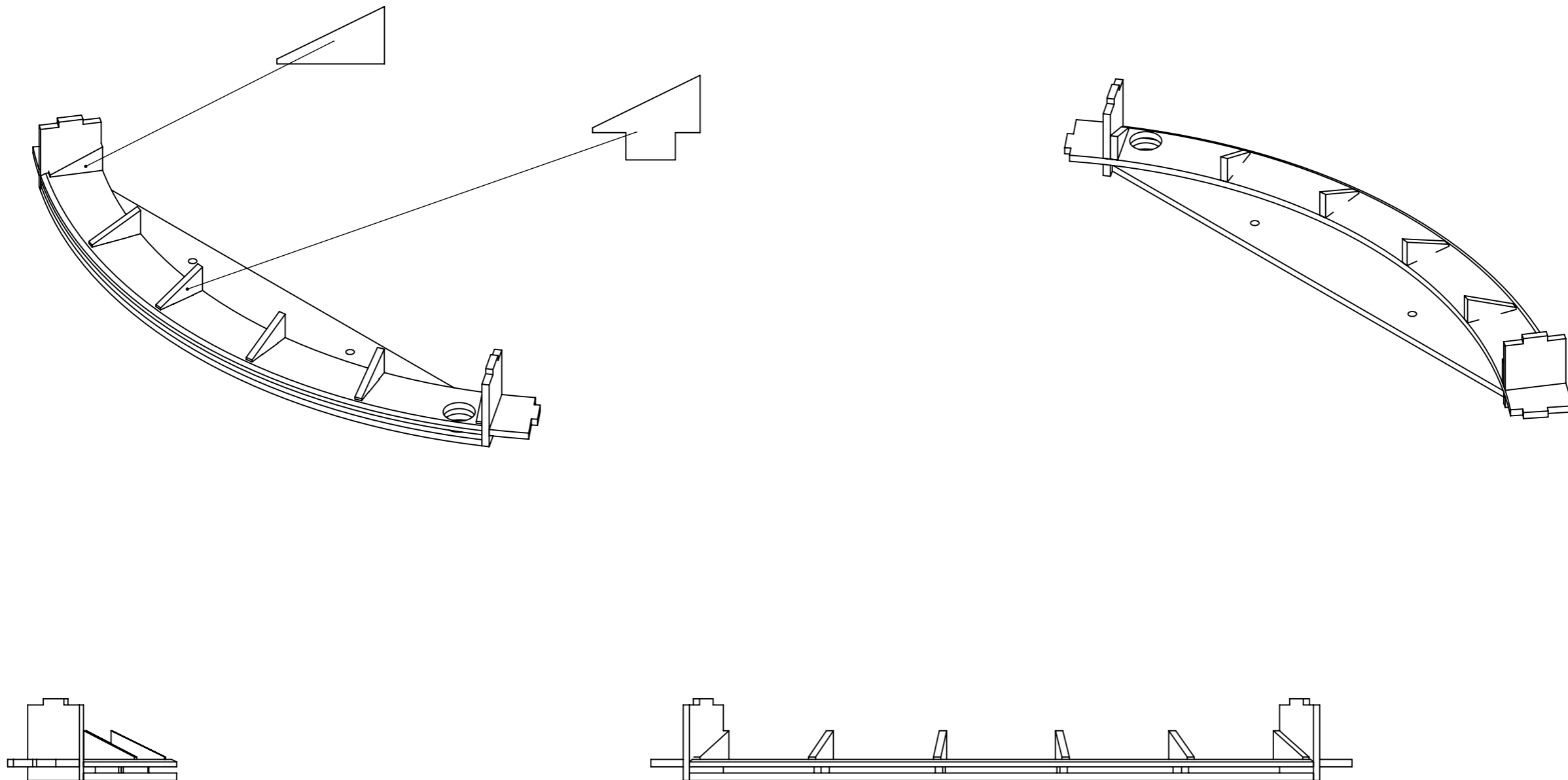




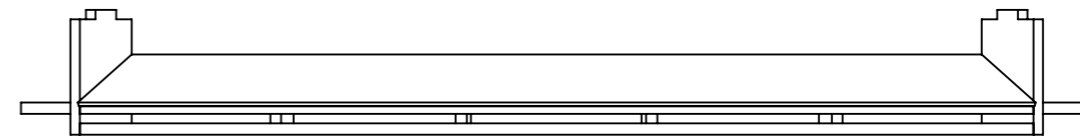
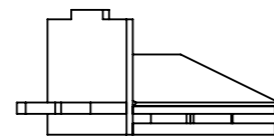
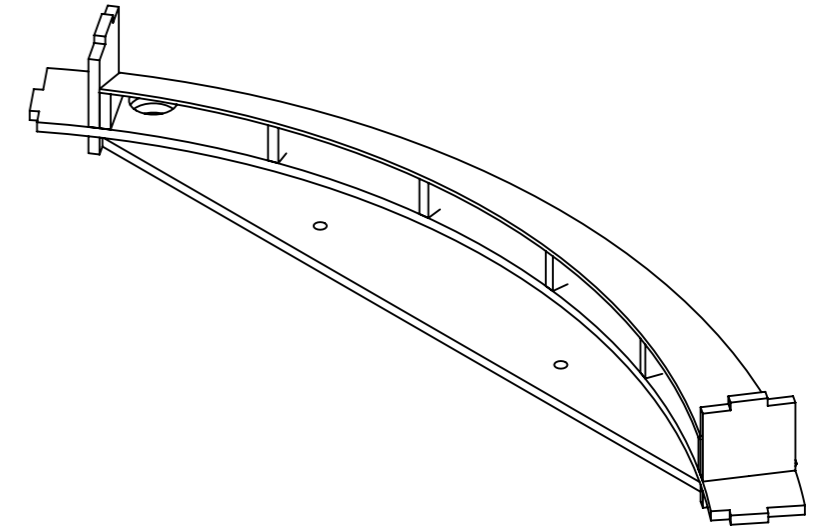
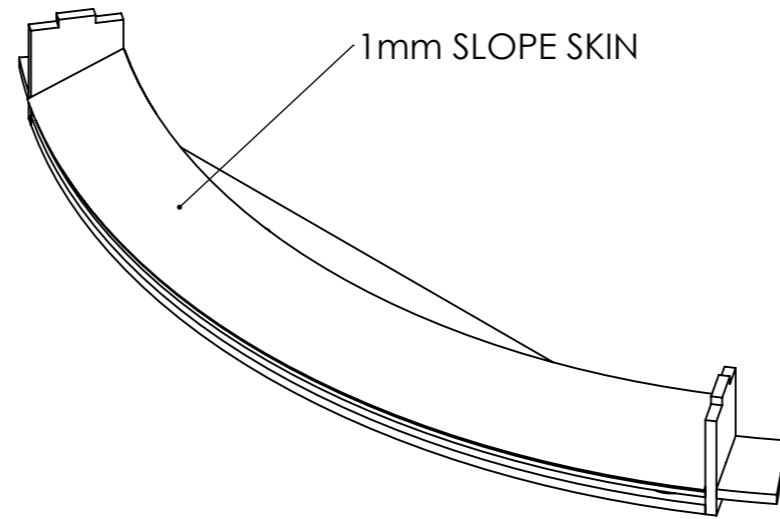
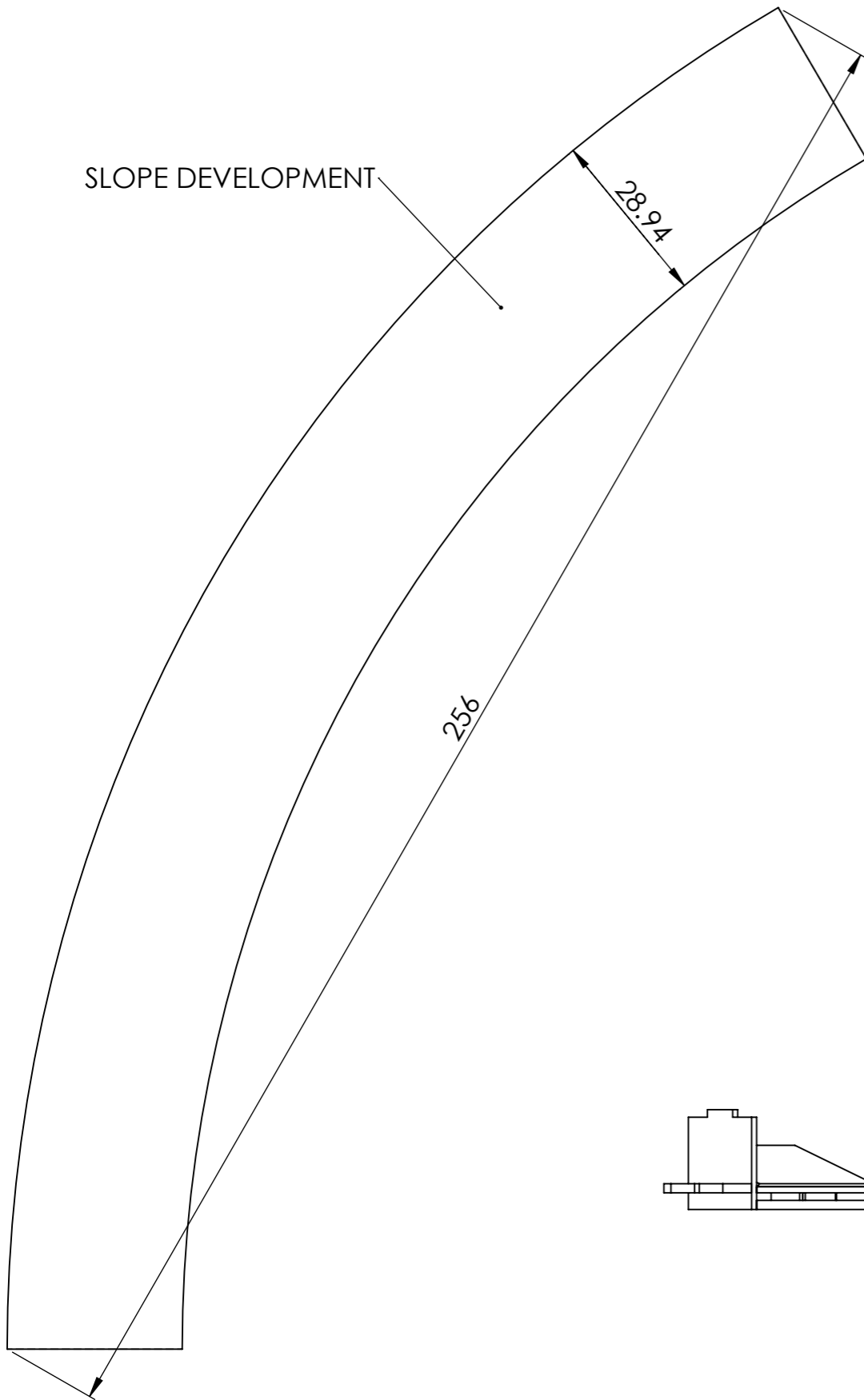
# PULL OUT TO THE BACK VERSION LARGE DATA PORT (LDP)



# PULL OUT TO THE BACK VERSION LARGE DATA PORT (LDP)



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# PULL OUT TO THE BACK VERSION LARGE DATA PORT (LDP)

