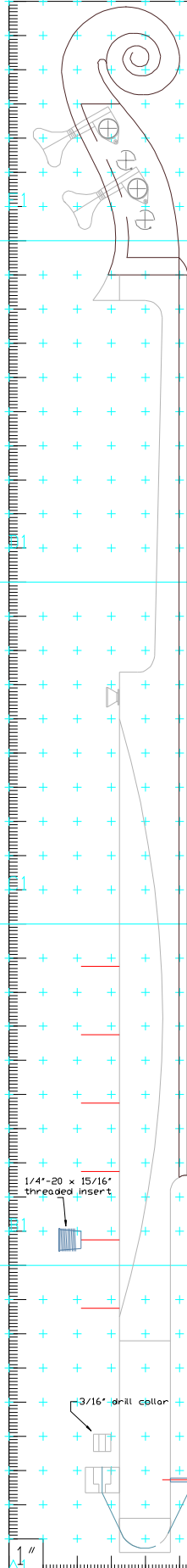


Size:	Layer This Sheet:	
24	Battery Box	Neck
48	Body	Body
	Border	Notes
	Reference Lines	Bridge
	Print Grid	Cavity
	Electronic Parts	Strings
	Dimensions	Titleblock
	Cover	Wings

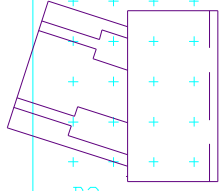
NOTES:

1. Front view of wing shows dimensions before it is bent.
2. Dimensions of wing in top and end views are approximate.
3. Wing attaches to back of body with 1/4"-20 x 50mm connector bolts.
4. Strap buttons on wing are threaded 10-32 and attached with 10-32 machine screws.
5. String anchors are 3/16" drill stop collars. Mounting holes are drilled to fit their outside diameter.



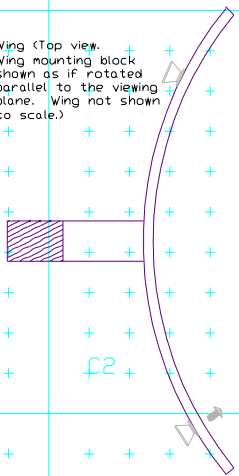
E2

Wing (End view.  
Wing mounting block  
shown as if rotated  
parallel to the viewing  
plane. Wing not shown  
to scale.)



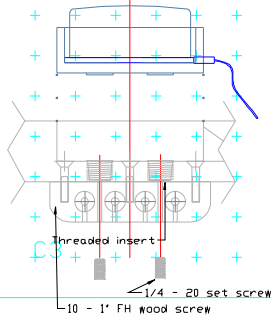
D2

Wing (Top view.  
Wing mounting block  
shown as if rotated  
parallel to the viewing  
plane. Wing not shown  
to scale.)



F2

Bridge Detail



Threaded insert  
1/4 - 20 set screw  
10 - 1" FH wood screw

G2

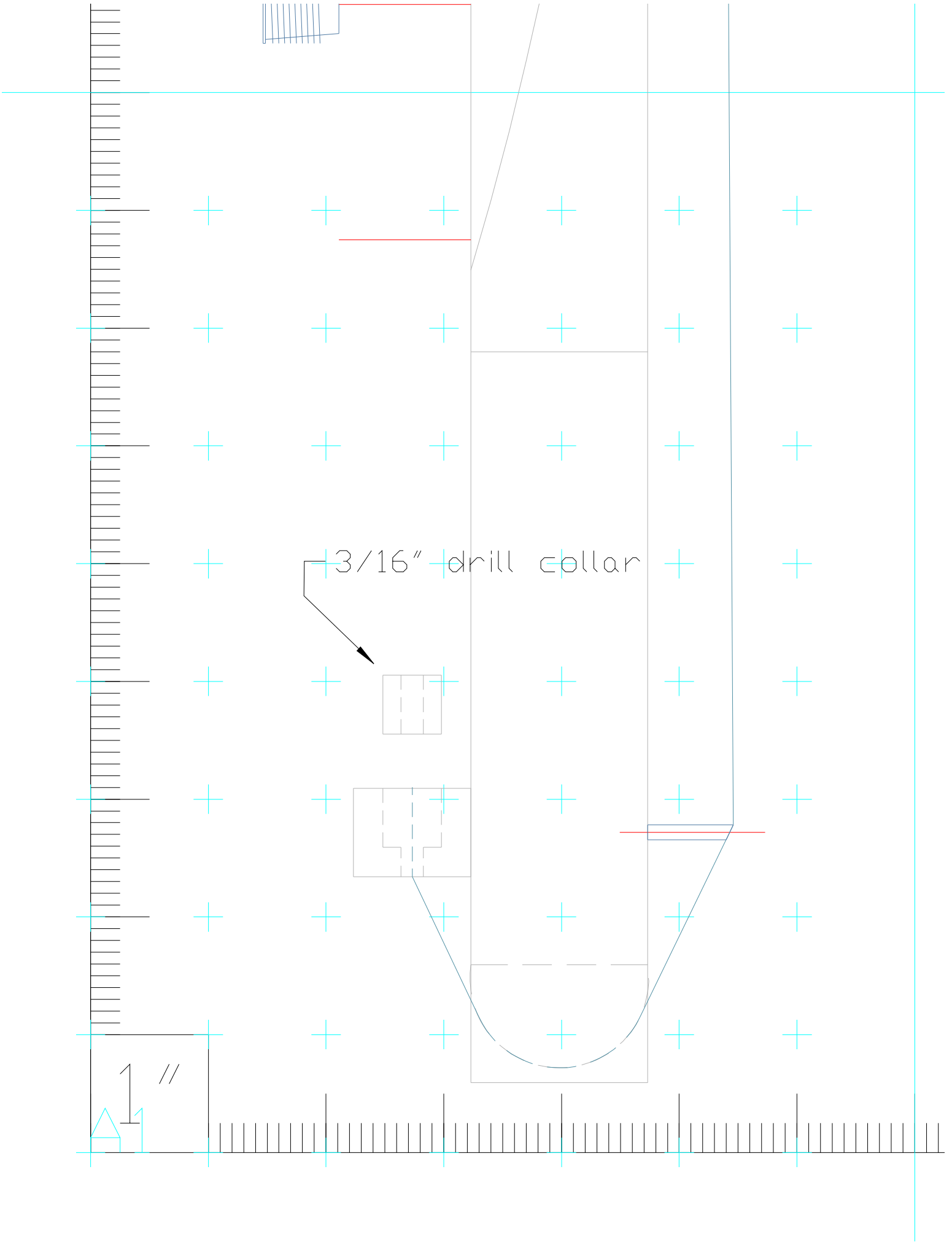
B2

B3

1/4"-20 x 15/16"  
threaded insert

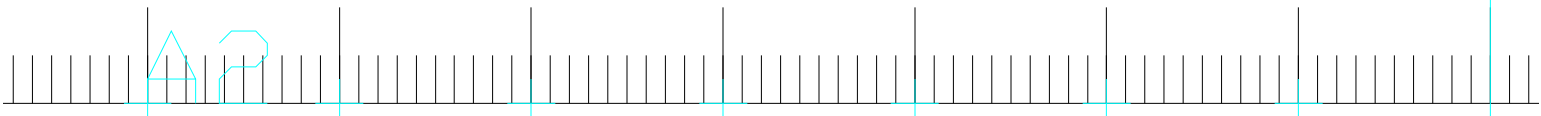
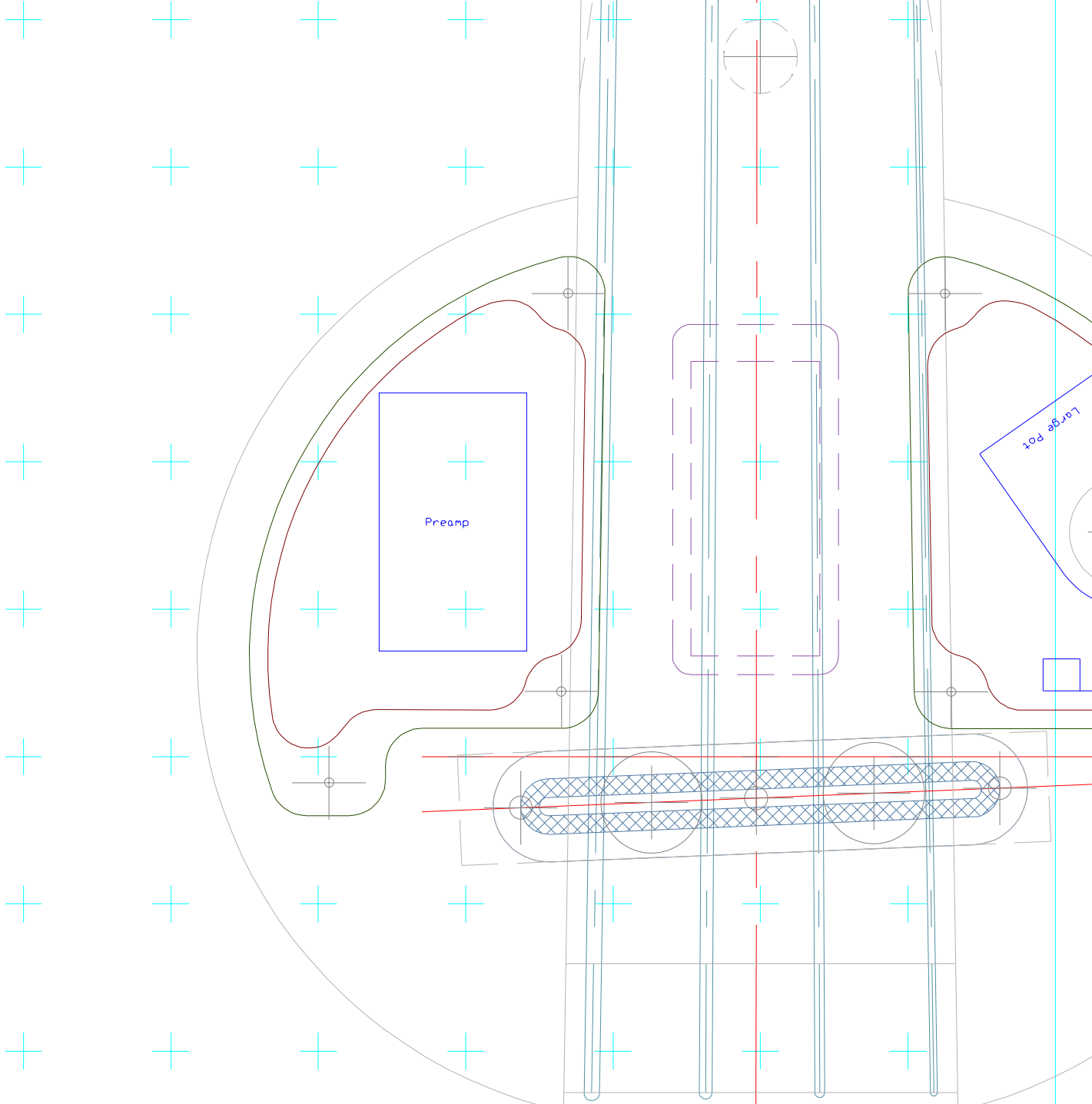
3/16" drill collar

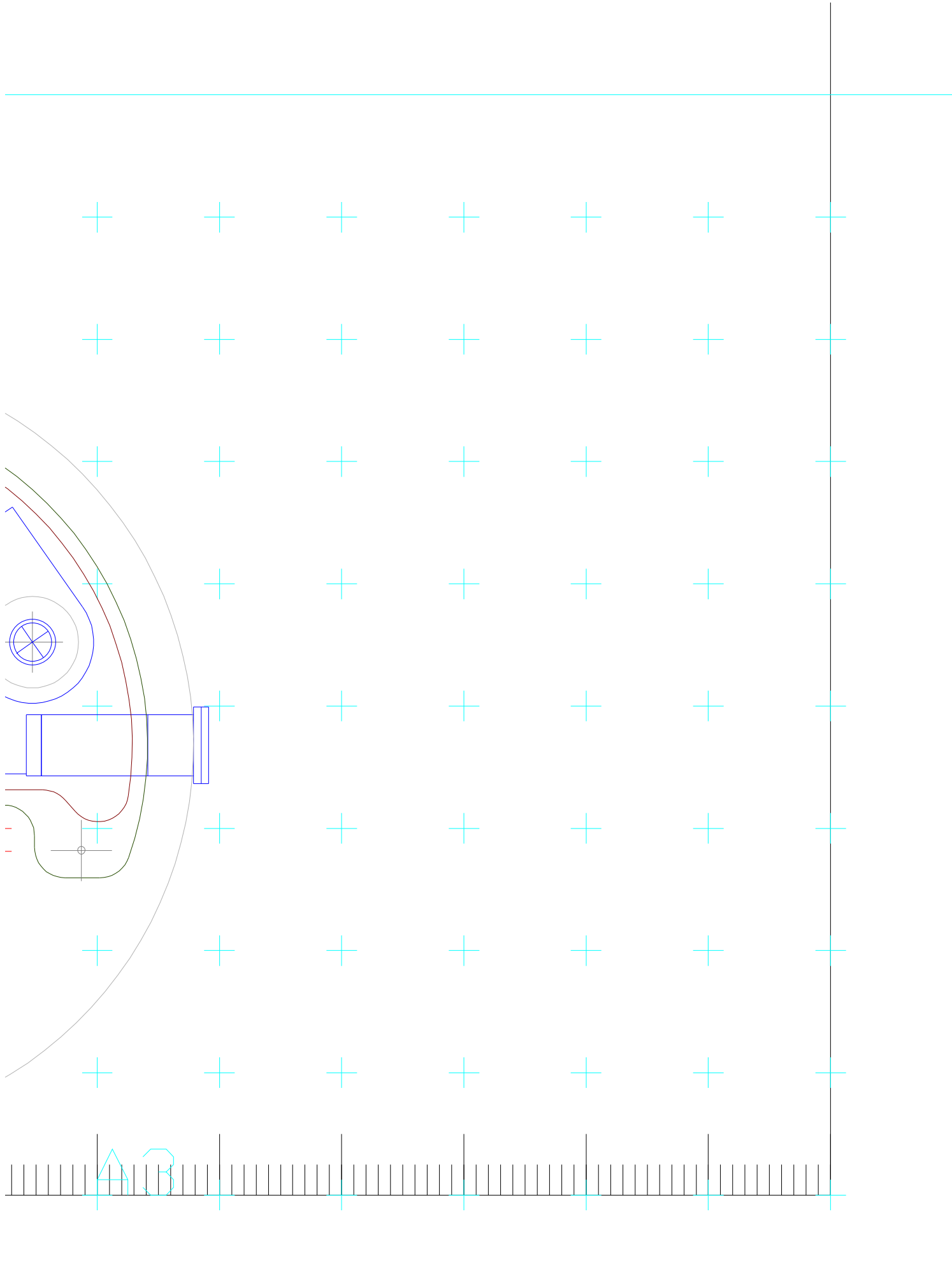
1"



3/16" drill collar

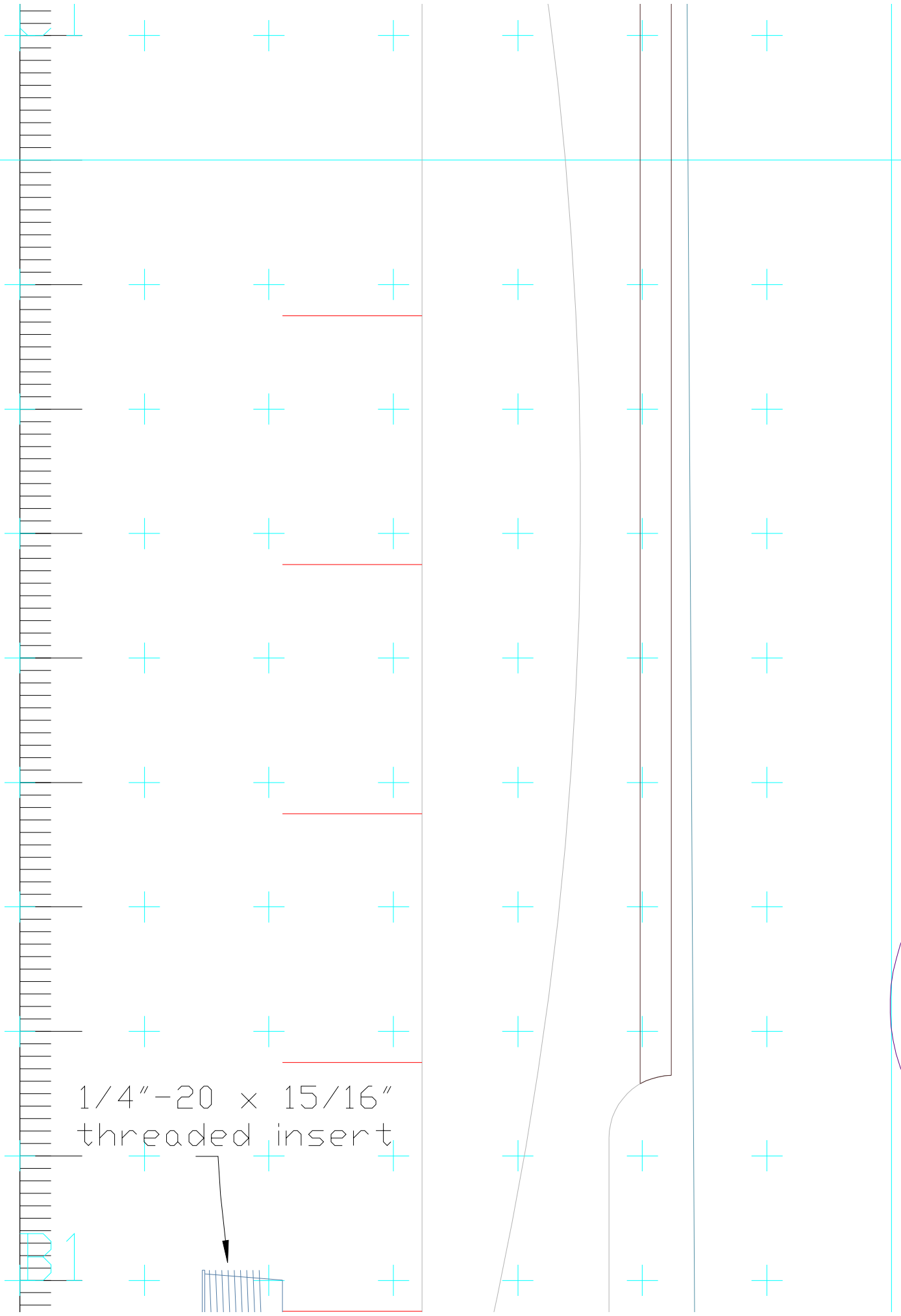
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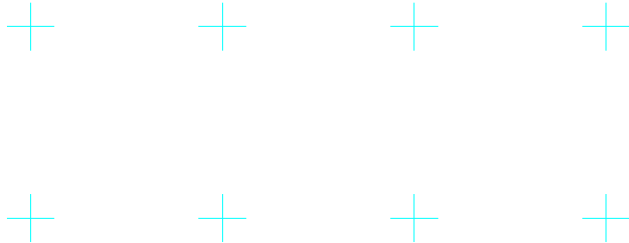
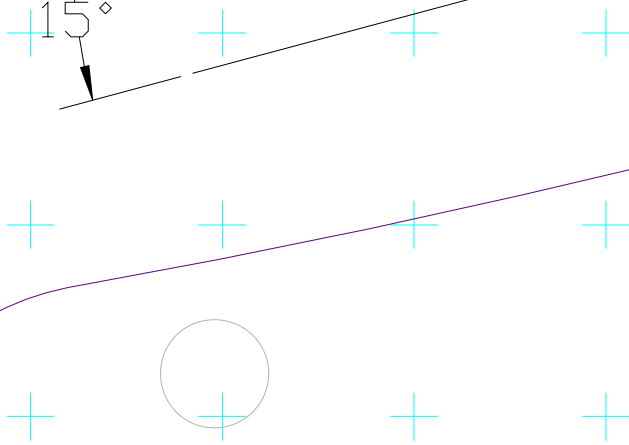
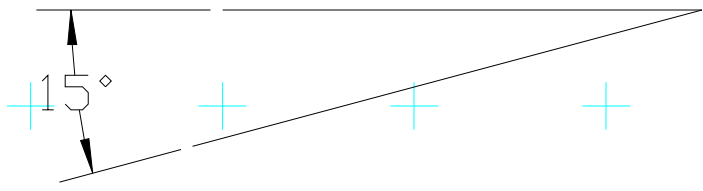
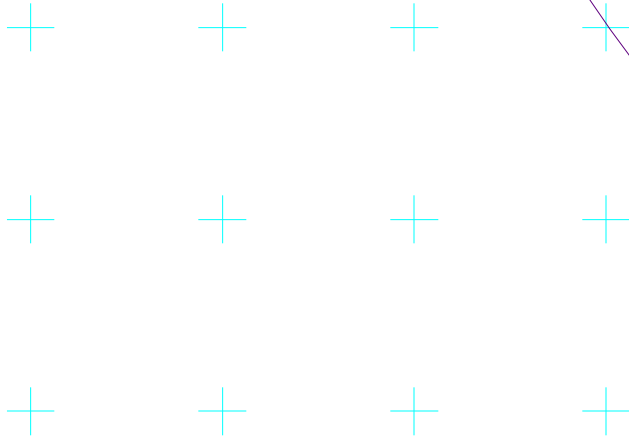
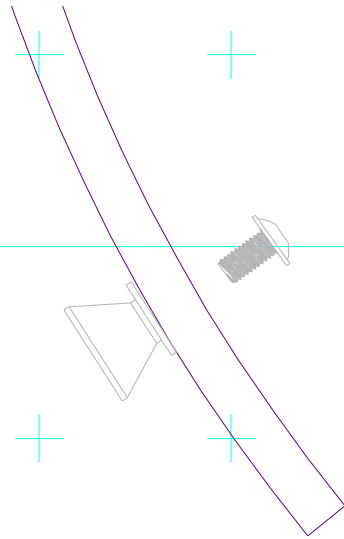




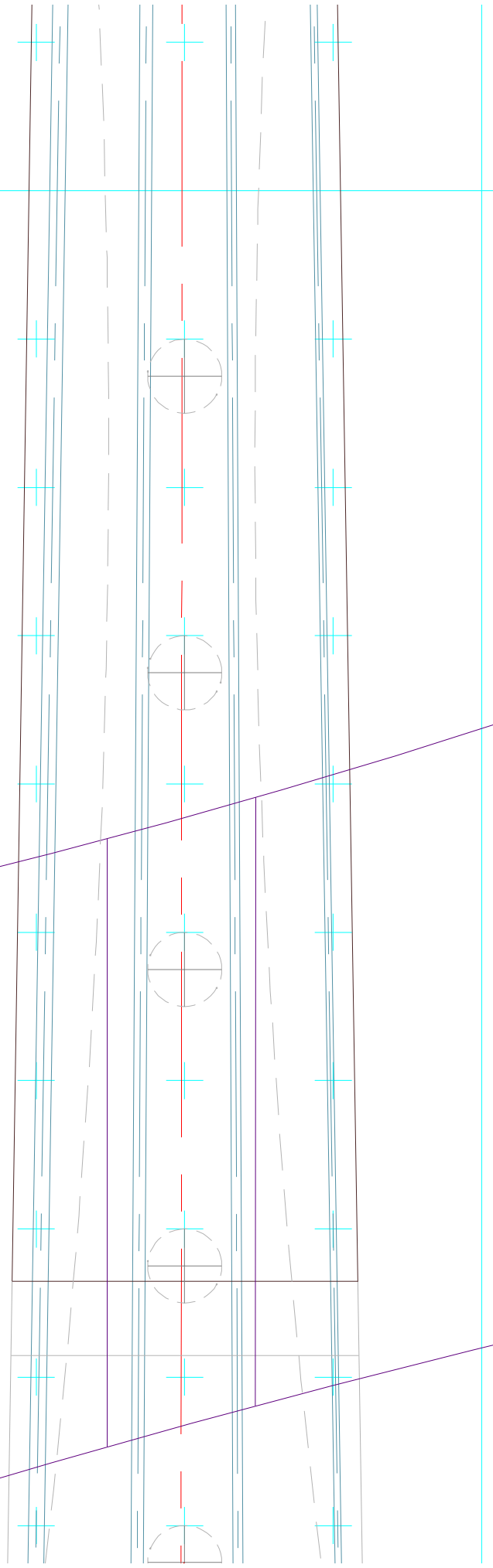
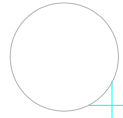
1/4"-20 x 15/16"  
threaded insert

B1

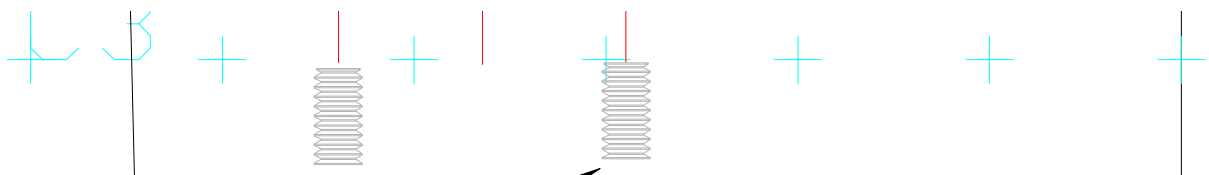
LC +



B2 +

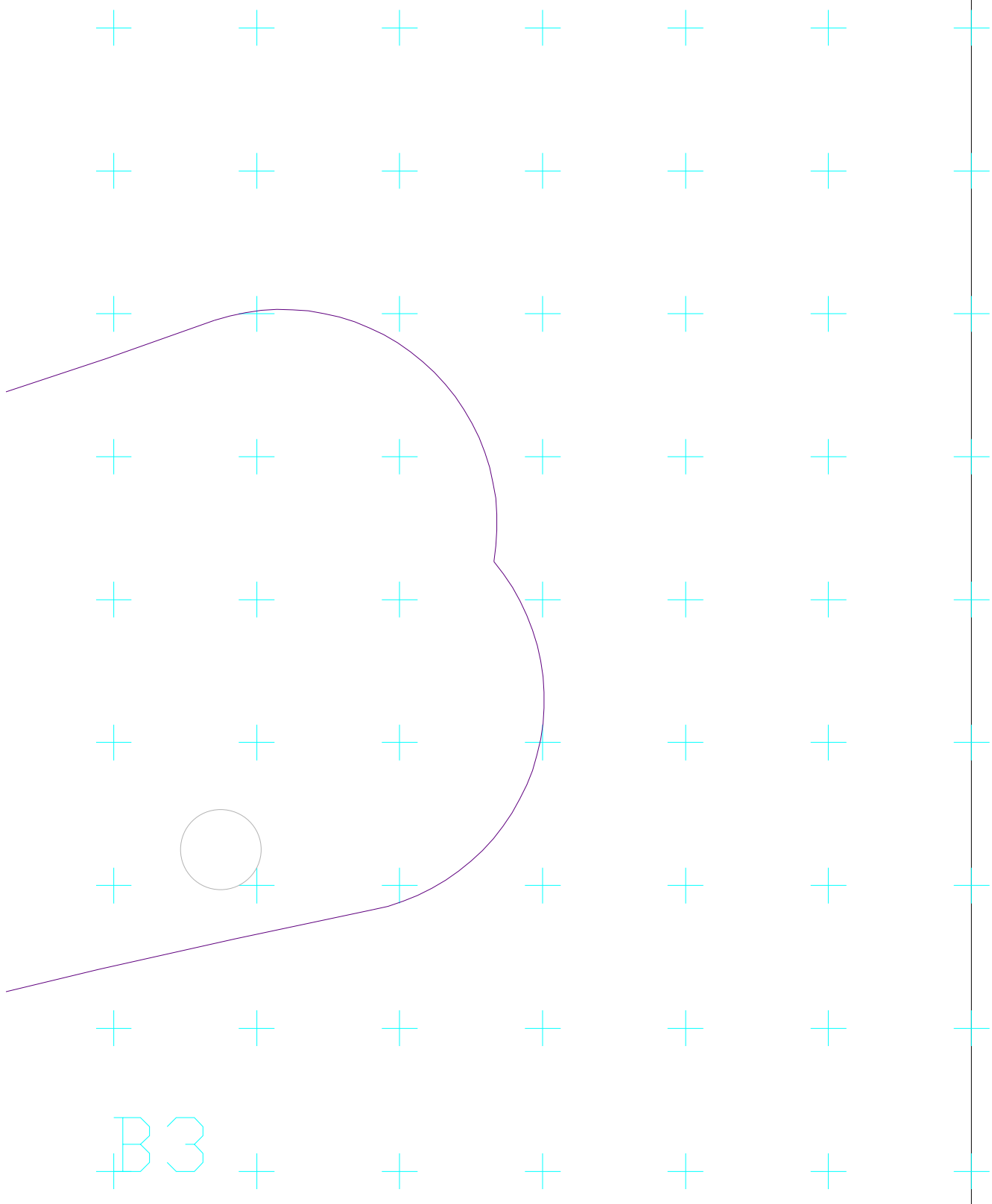






1/4 - 20 set screw

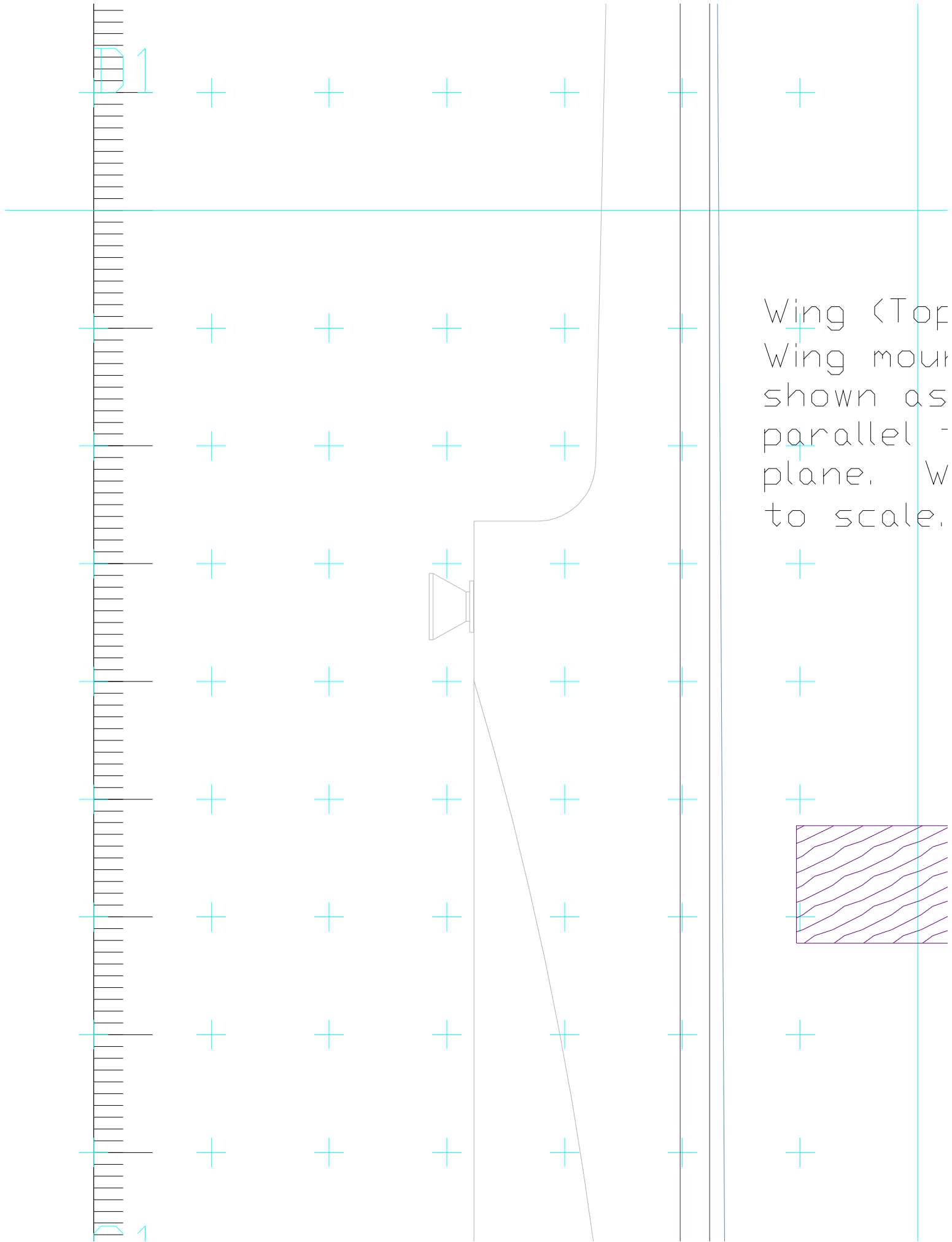
10 - 1" FH wood screw



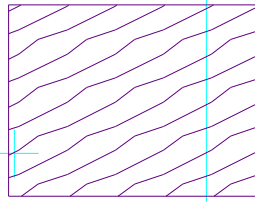
B3

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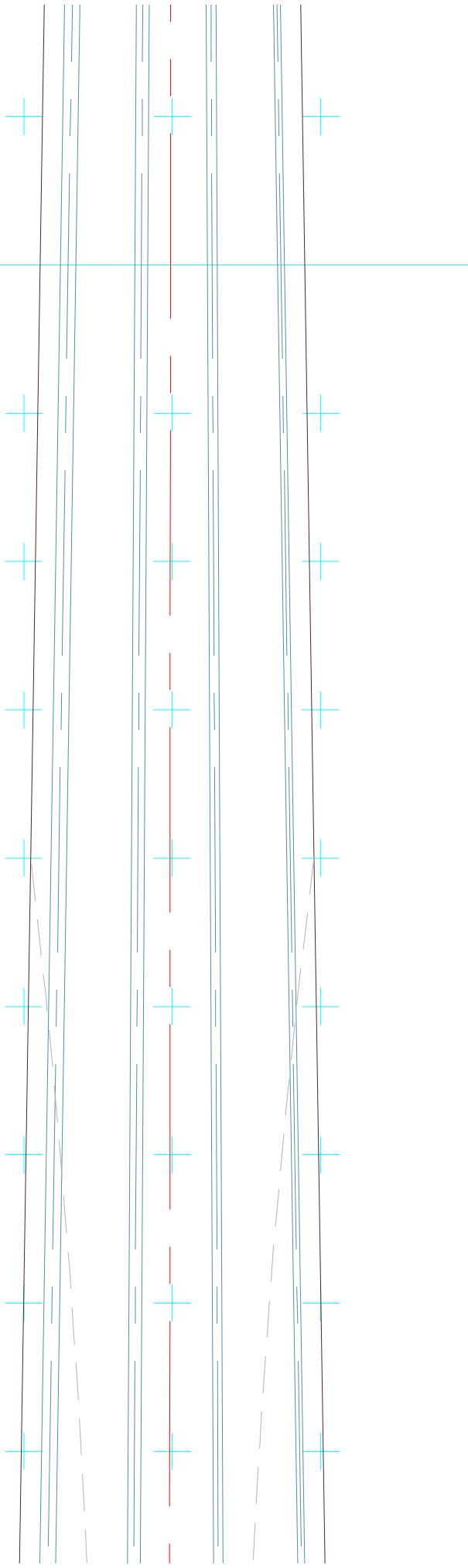
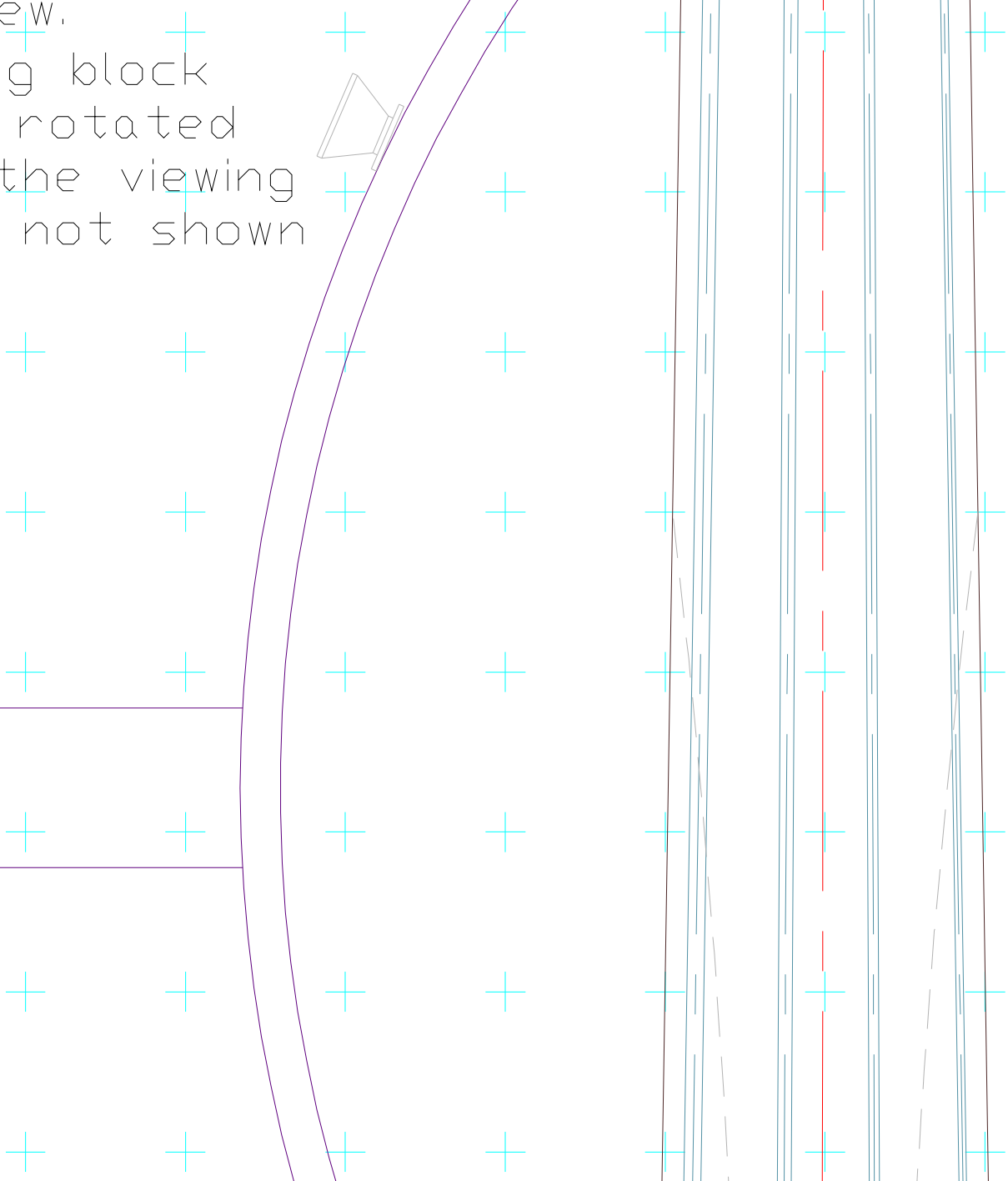
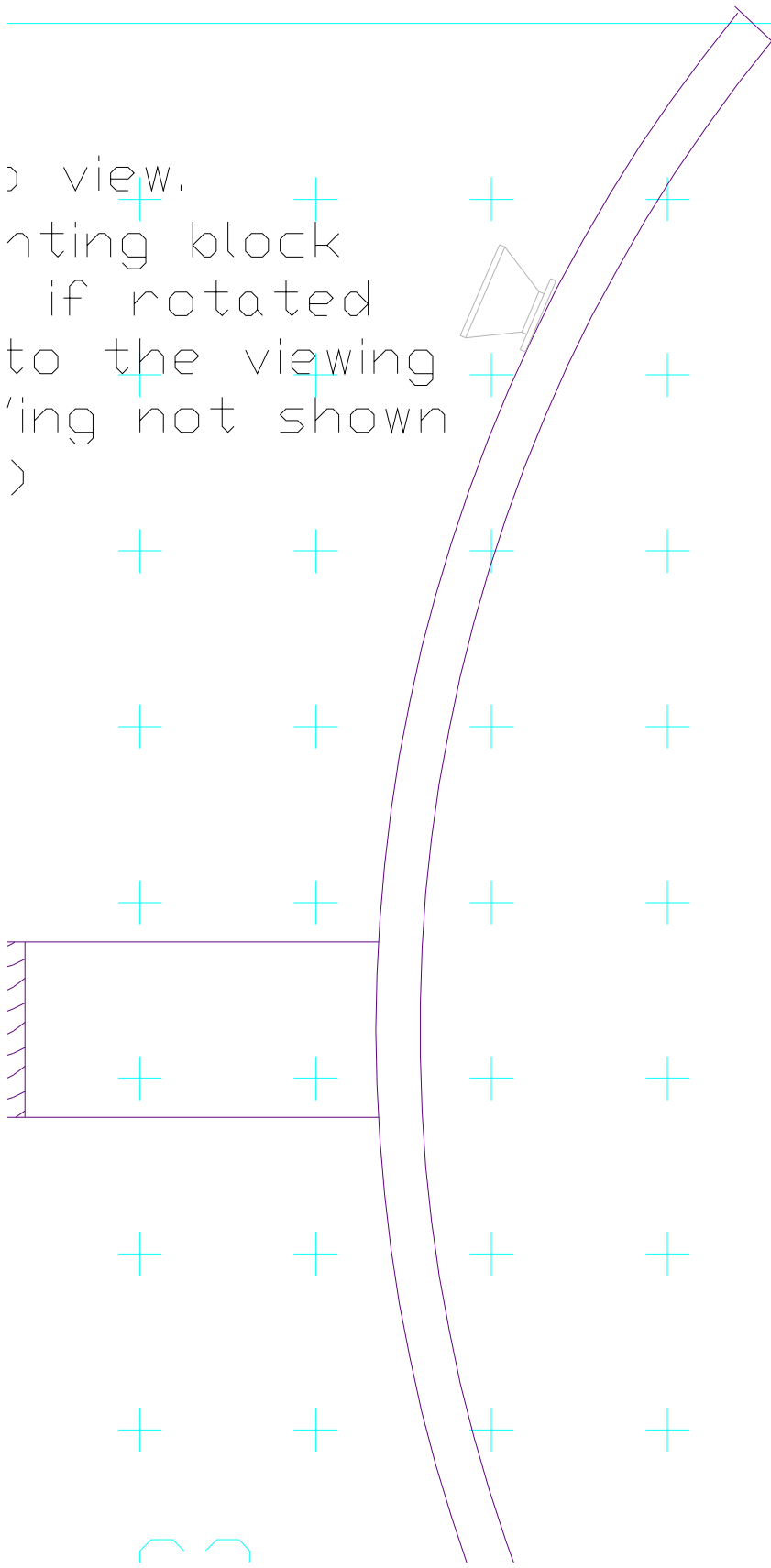
Wing (Top  
 Wing mou  
 shown as  
 parallel -  
 plane. W  
 to scale.



D2



view.  
rotating block  
if rotated  
to the viewing  
direction not shown  
>



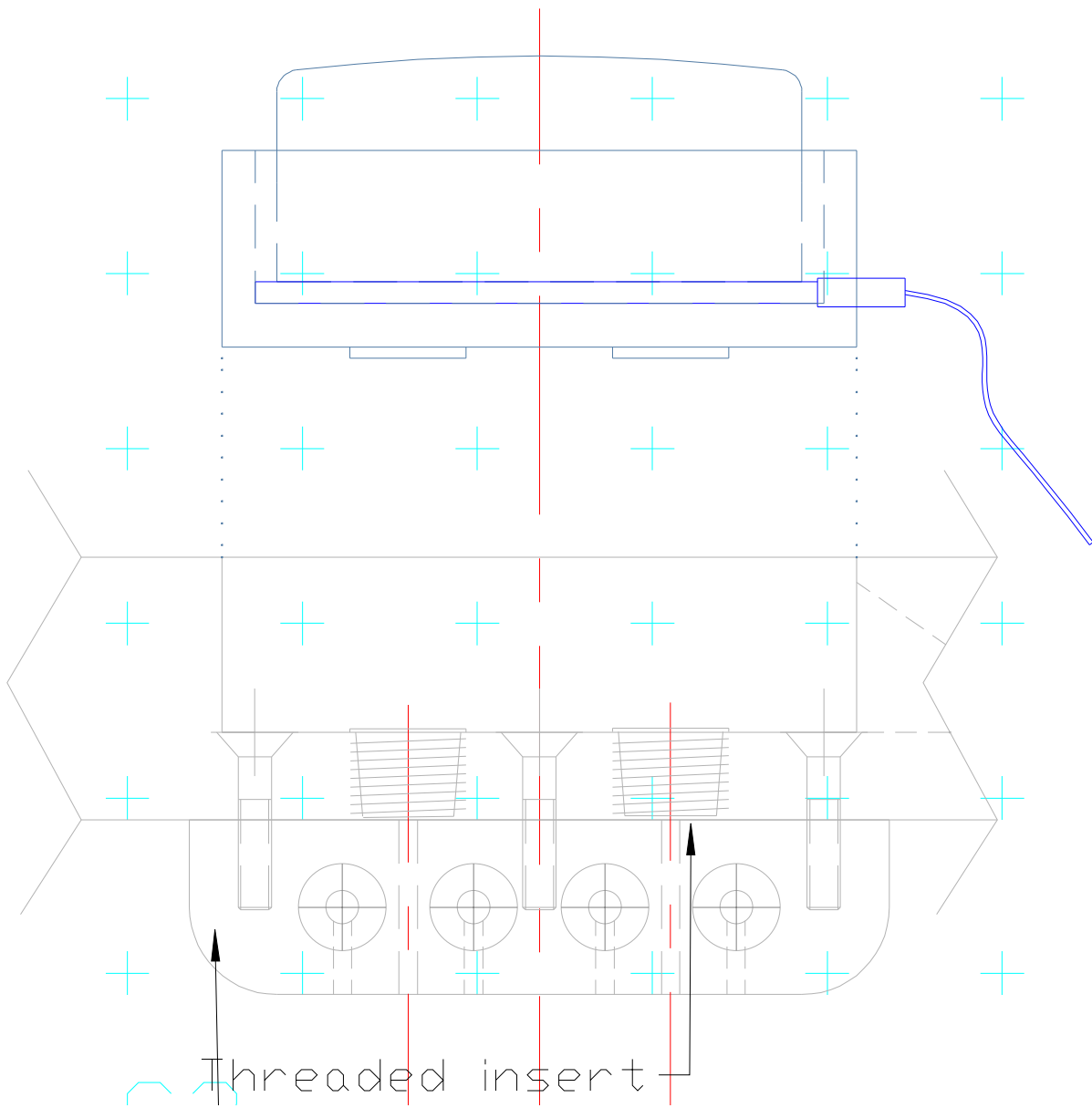
D3



Bridge Detail



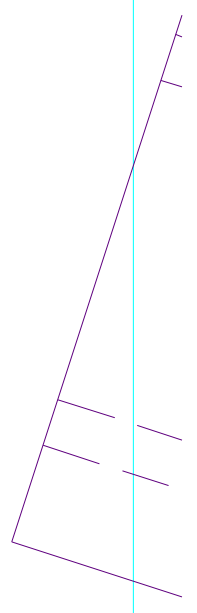
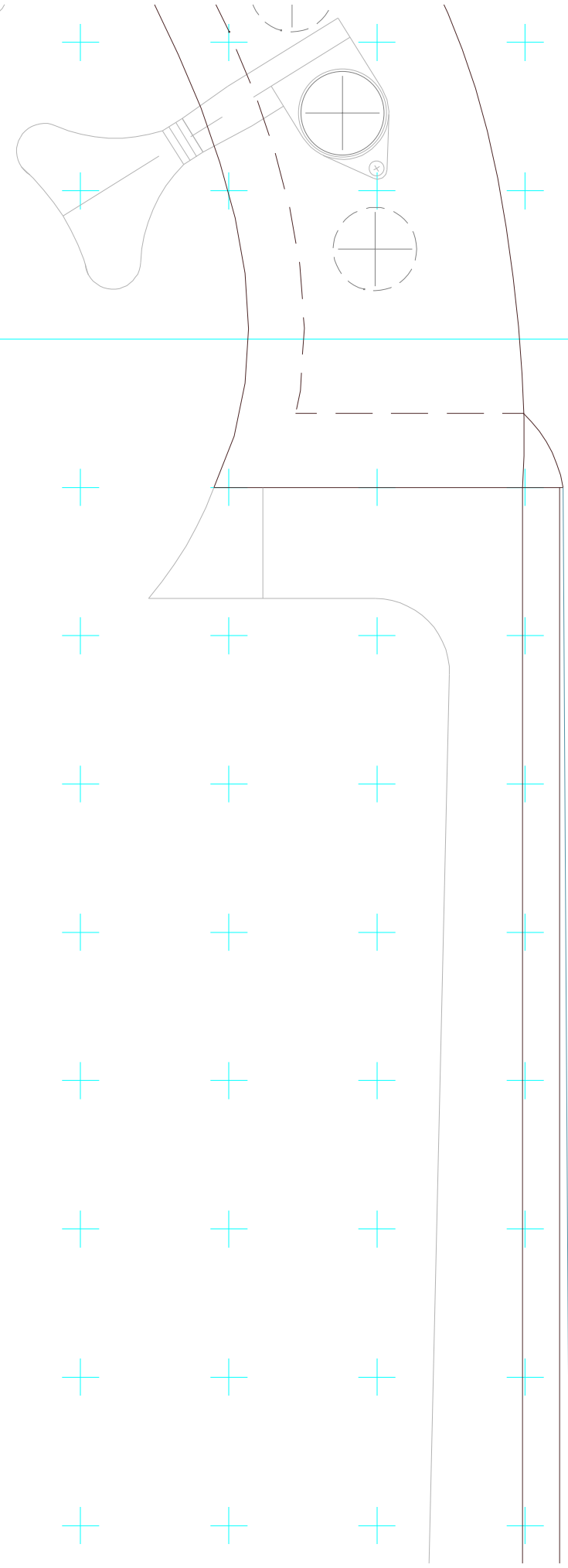
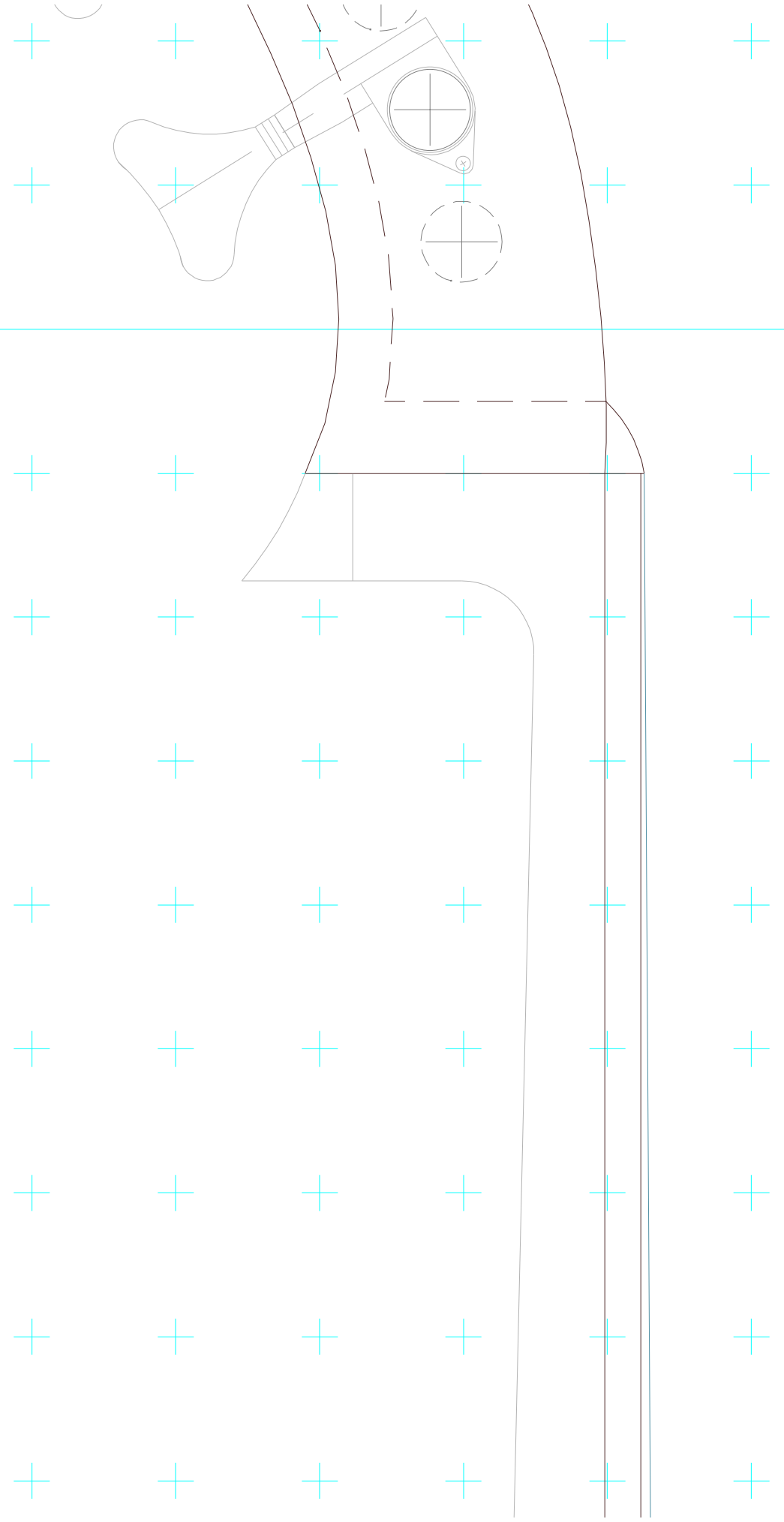
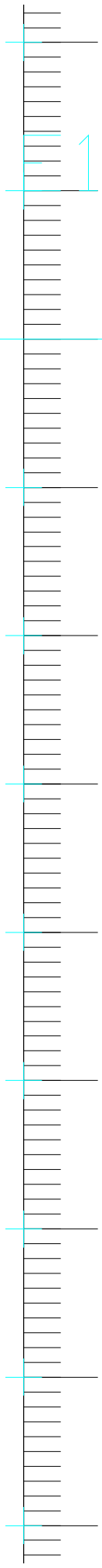
Threaded insert



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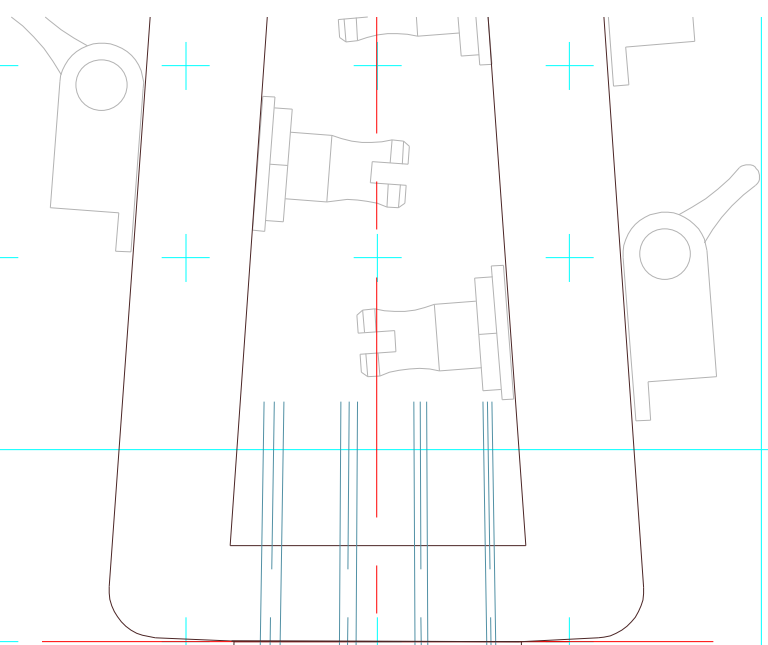




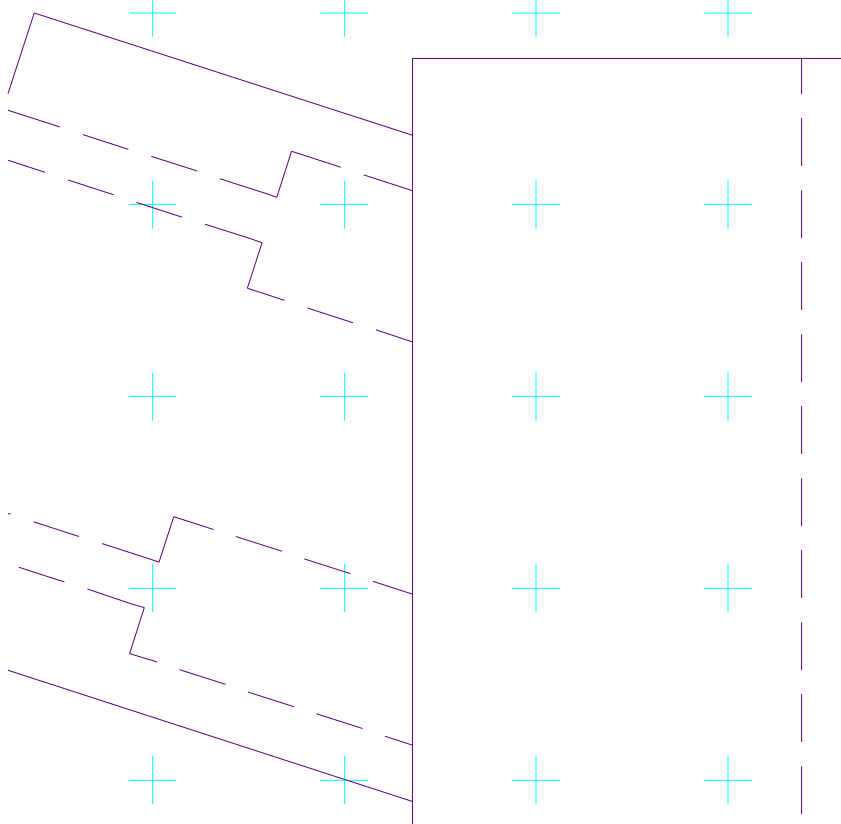




F2



Wing (End view.  
Wing mounting block  
shown as if rotated  
parallel to the viewing  
plane. Wing not shown  
to scale.)



Cover

Wings

Scale:

1:1

Sheet

1

of

1

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## NOTES:

1. Front view of wing shows dimensions before it is bent.

2. Dimensions of wing in top and end views are approximate.

3. Wing attaches to back of body with 1/4"-20 x 50mm connector bolts.

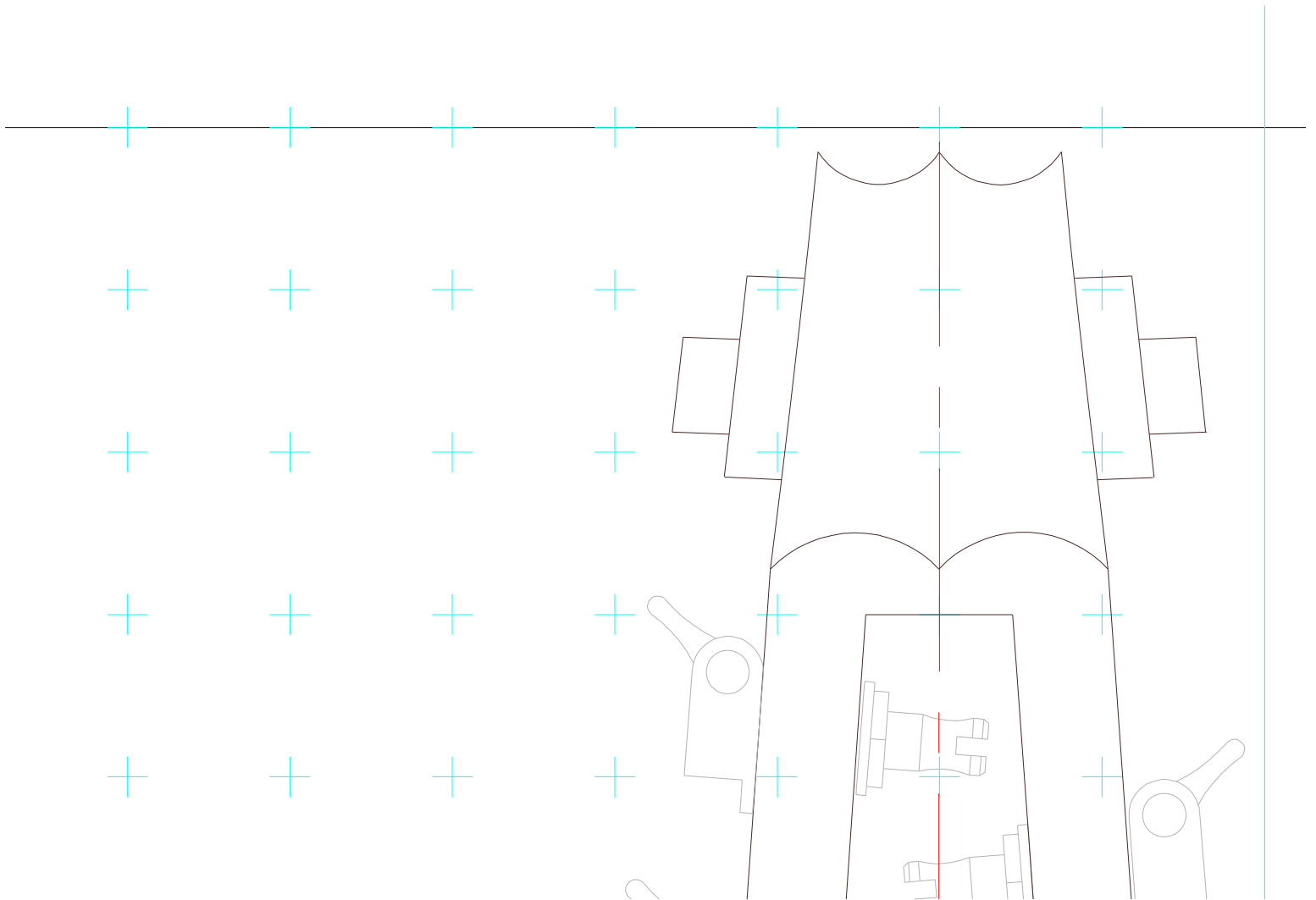
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5. String anchors are 3/16" drill stop collars. Mounting holes are drilled to fit their outside diameter.

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*liutaio*  
**Mottola**  
*stringed instrument design*

<http://www.LiutaioMottola.com>

**Title:**

Libellula Electric Upright Bass 35"

**Drawn by:** RMM

**Date:** 1/15/05

**Size:**

24  
x  
48

**Layers This Sheet:**

Battery Box	Neck
Hardware	Body
Border	Notes
Reference Lines	Bridge
Print Grid	Cavity
Electronic Parts	Strings
Dimensions	Titleblock





