

**FRONT VIEW** 

# LEFT SIDE VIEW

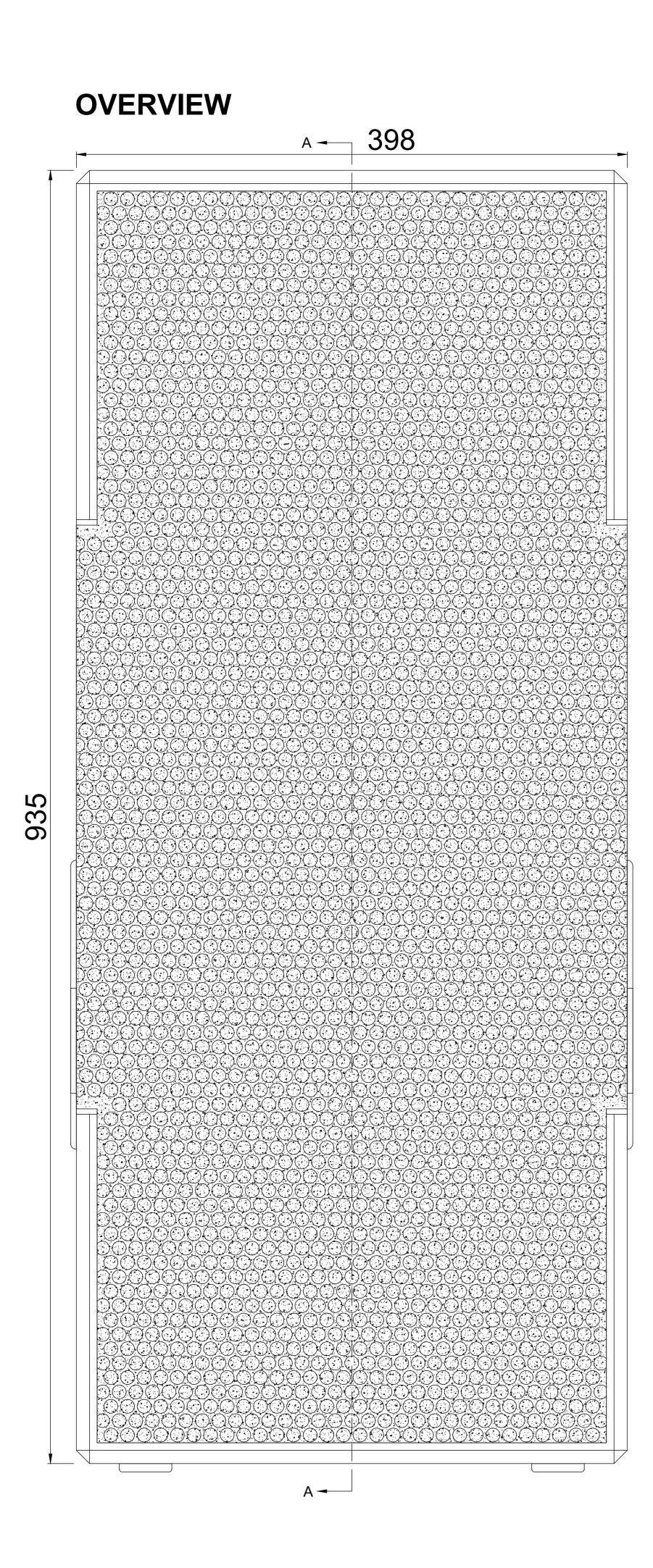


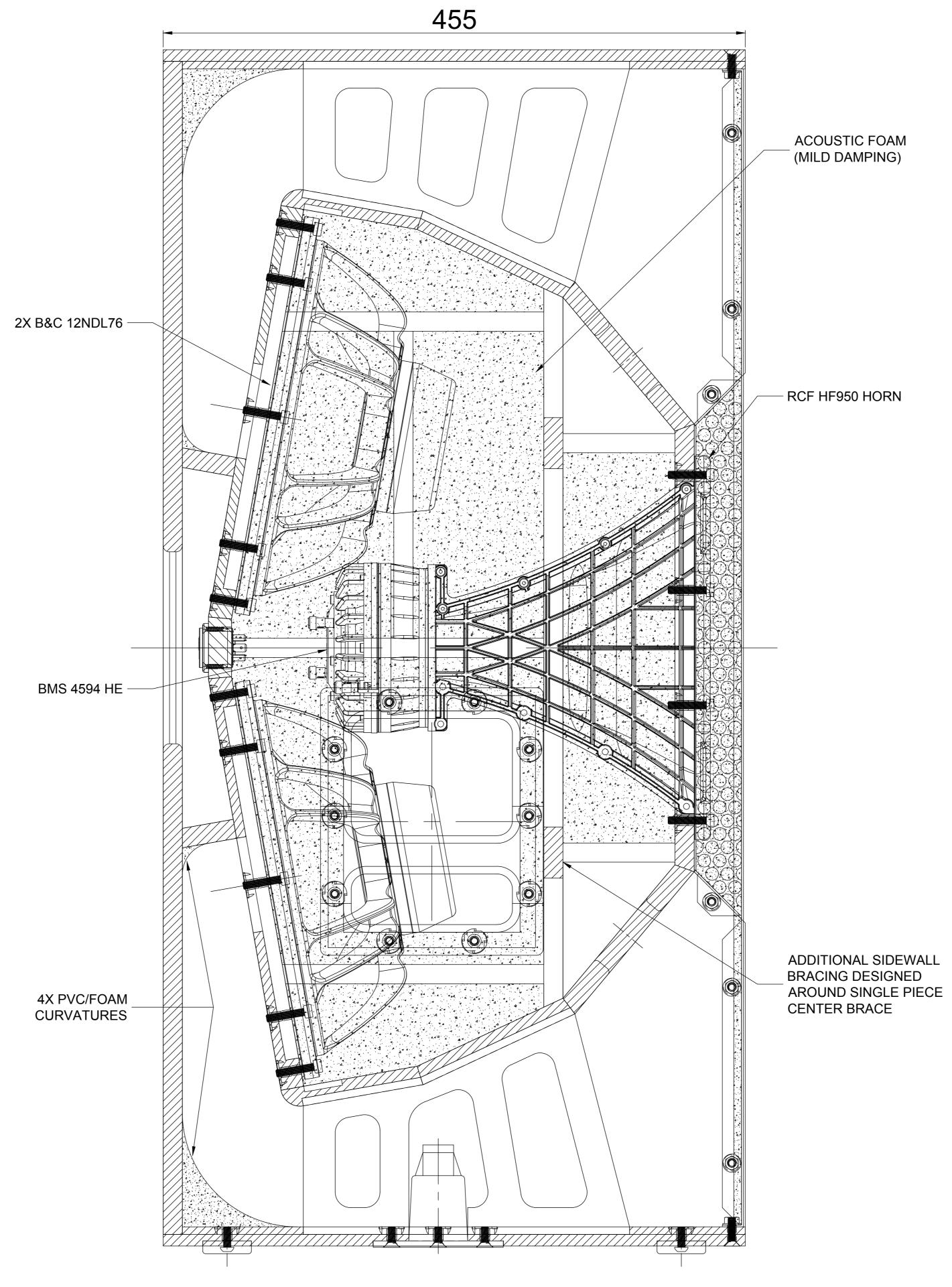
PENN-ELCOM -- M1557/M20 POLE MOUNT



### Overview

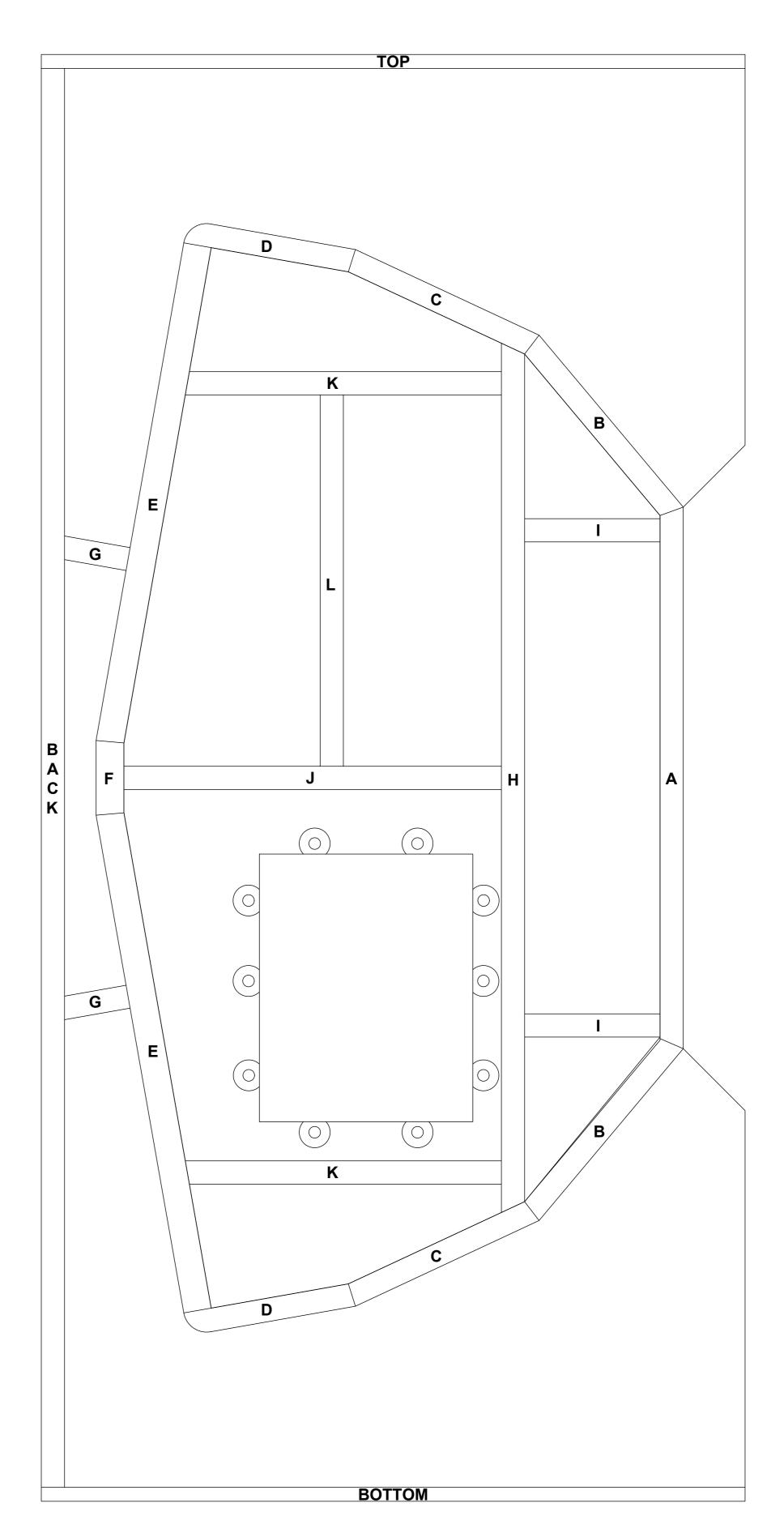
Plate No.





SECTION A-A NOTE: HATCH INDICATES SECTION CUT

## **BAFFLE LAYOUT**



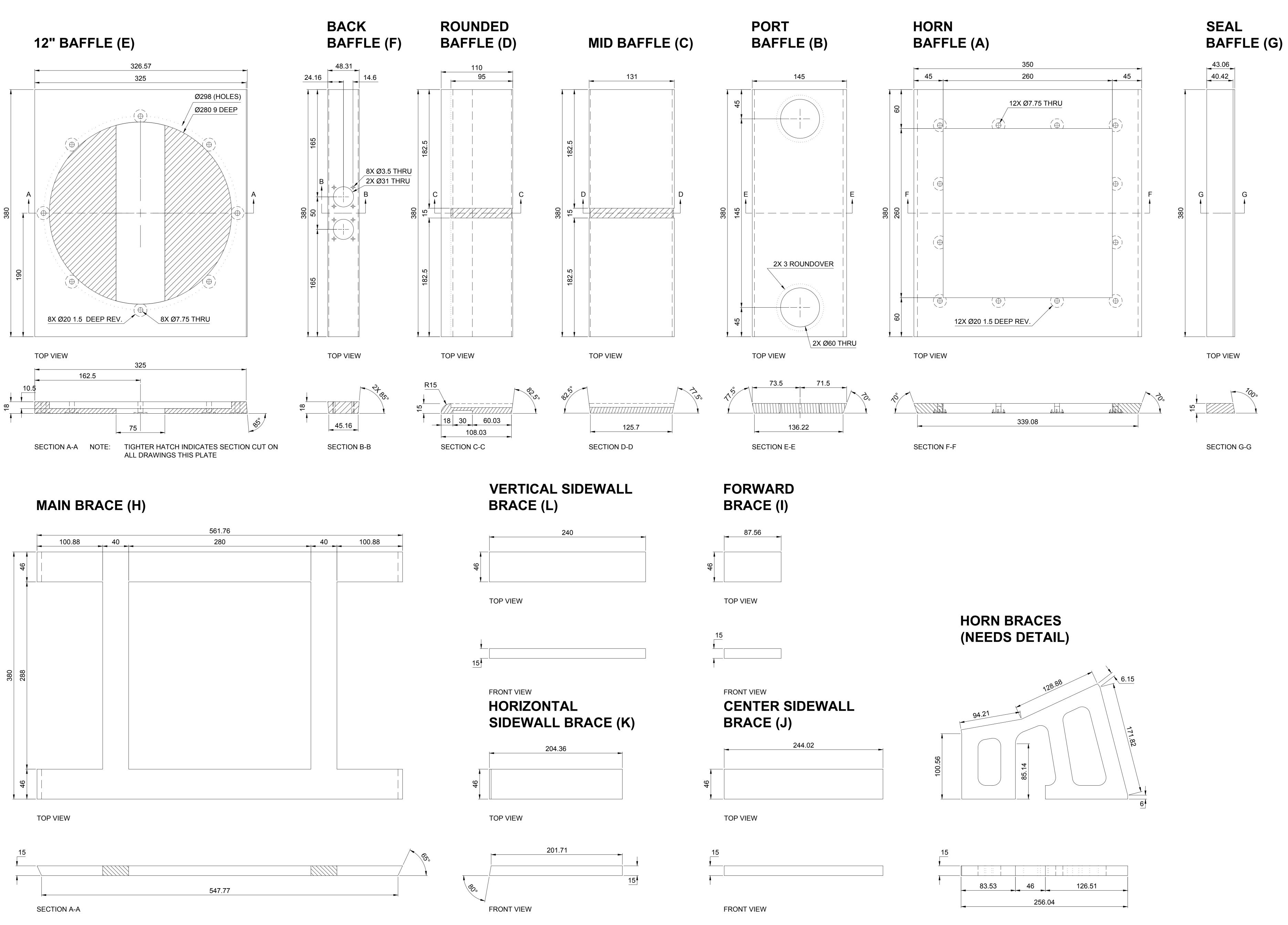
SoundForums.net <b>PM90</b> DIY Three-Way Mid-High Speaker Cabinet	NOTES:1. All dimensions SI millimeters.2. Tolerances on all linear dimensions ±0.1mm3. Tolerances on all angles ±0.1°4. Hatch indicates dado or pocket, all 6mm dee unless otherwise specified.
Designed by Peter Morris	5. Derive toolpaths from .dxf not from plot.

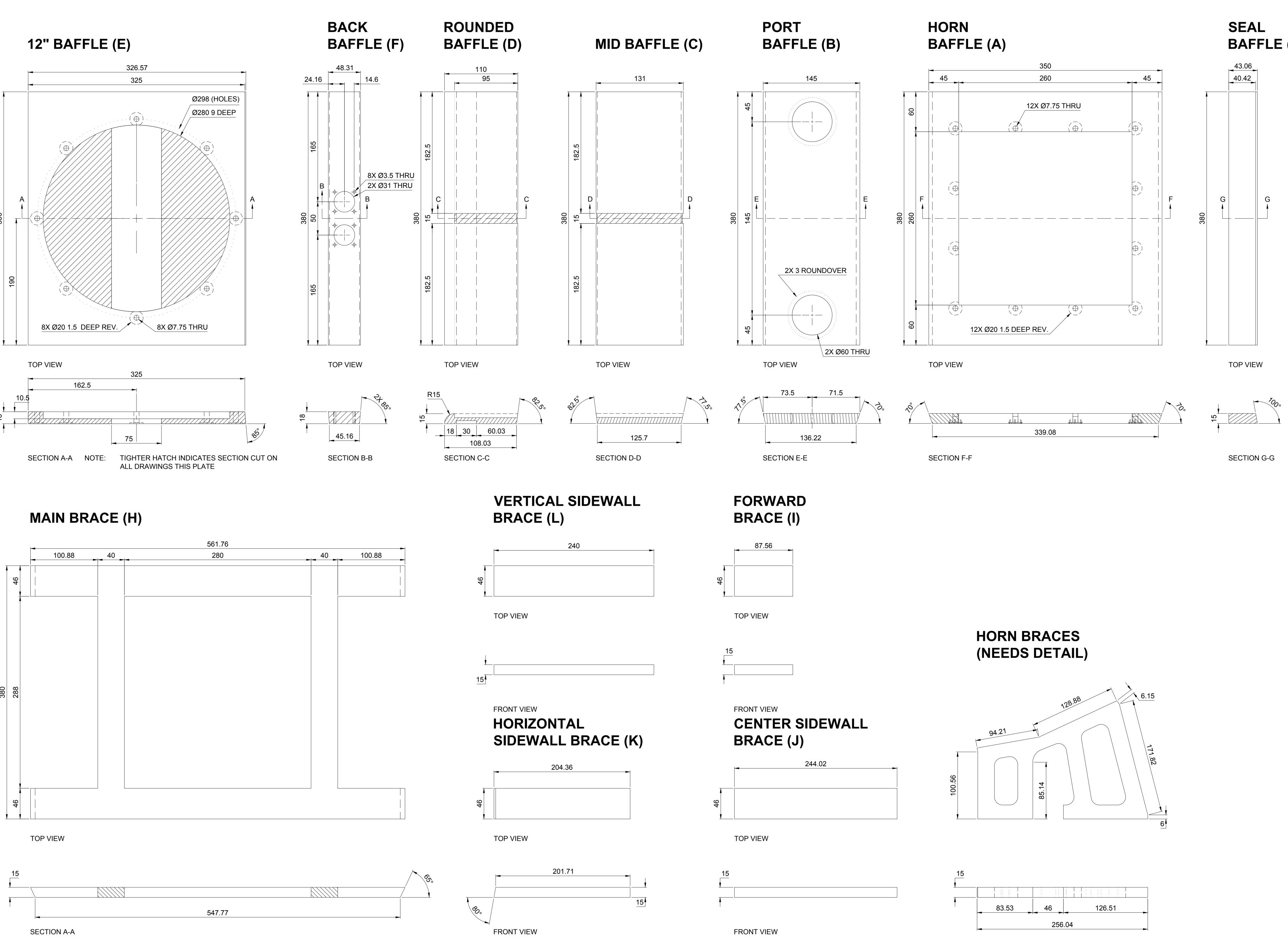
CONSTRUCTION PROCESS:

**Center Section and** Baffle Map



Date: 6/25/2017 Rev: 0.7 Scale: 1:2 Drafted By: Peter Maxwell Warasila





SoundForums.net	NOTES:	
PM90	<ol> <li>All dimensions SI millimeters.</li> <li>Tolerances on all linear dimensions ±0.1mm</li> <li>Tolerances on all angles ±0.1°</li> </ol>	
DIY Three-Way Mid-High Speaker Cabinet Designed by Peter Morris	<ol> <li>Hatch indicates dado or pocket, all 6mm deep, unless otherwise specified.</li> <li>Derive toolpaths from .dxf not from plot.</li> </ol>	

RUCTION PROCESS:

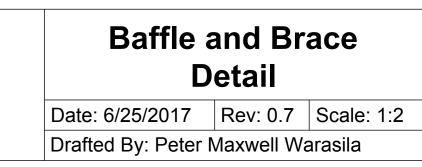
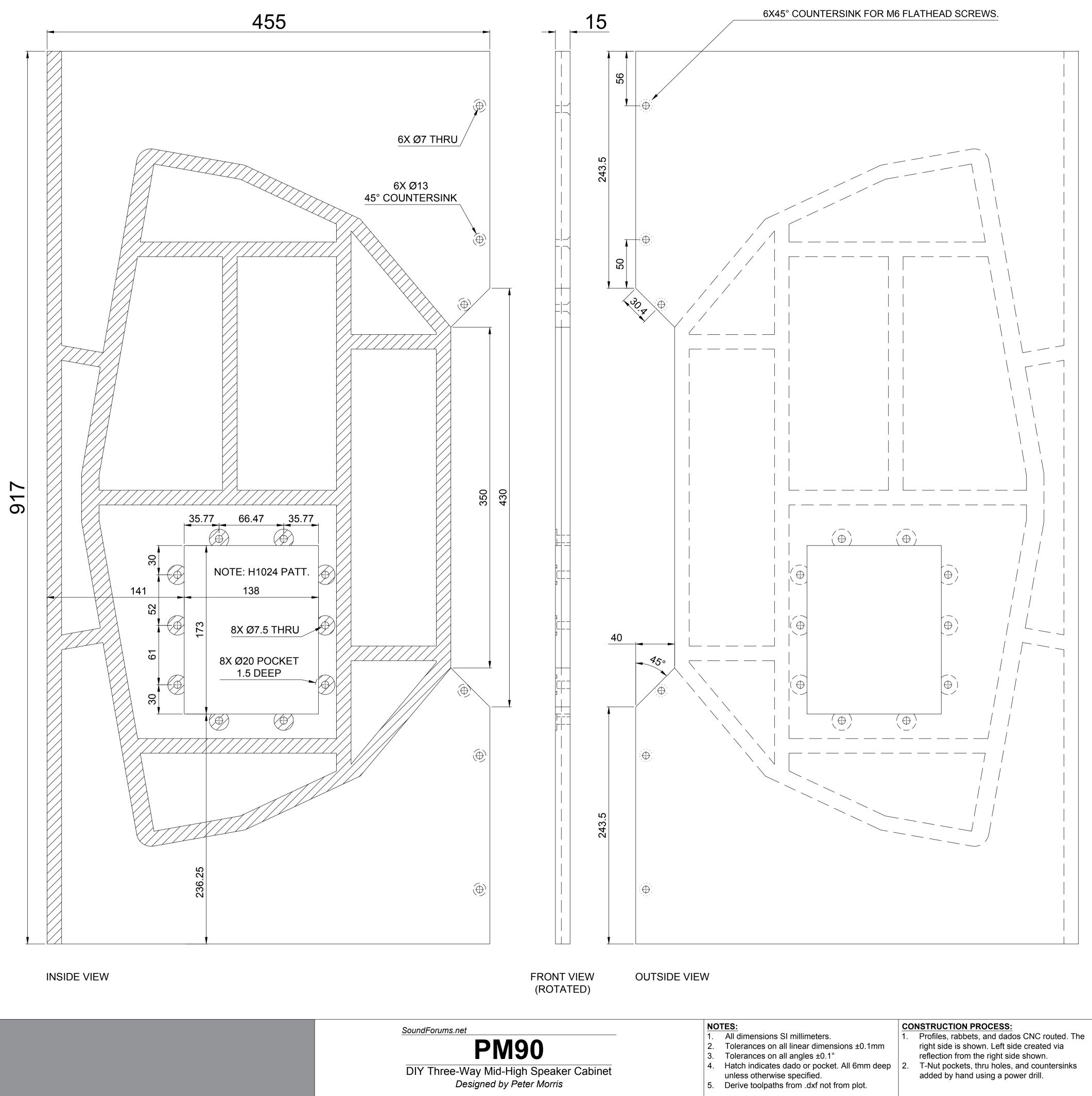


Plate No.

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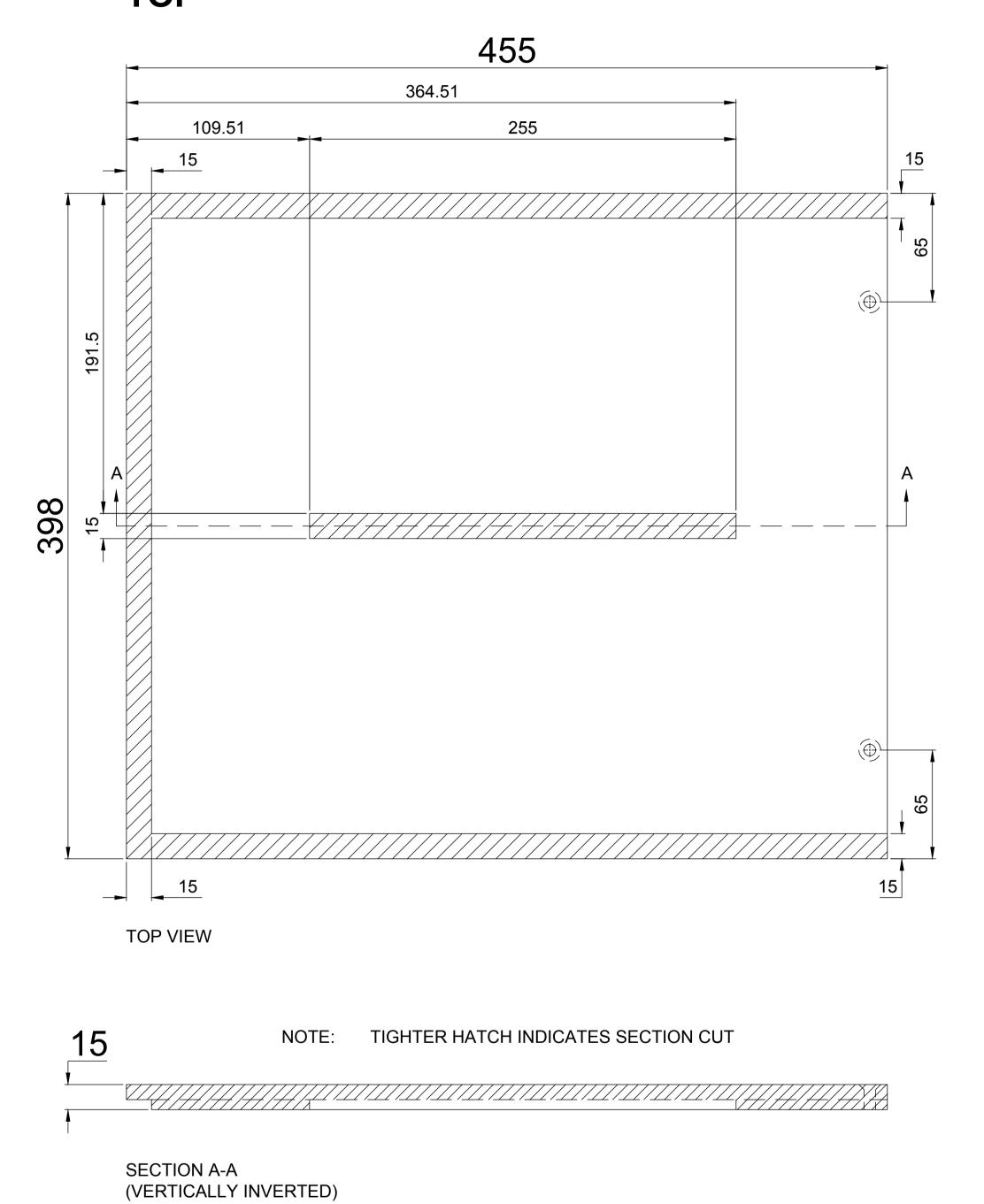
#### Sides Detail

Plate No.

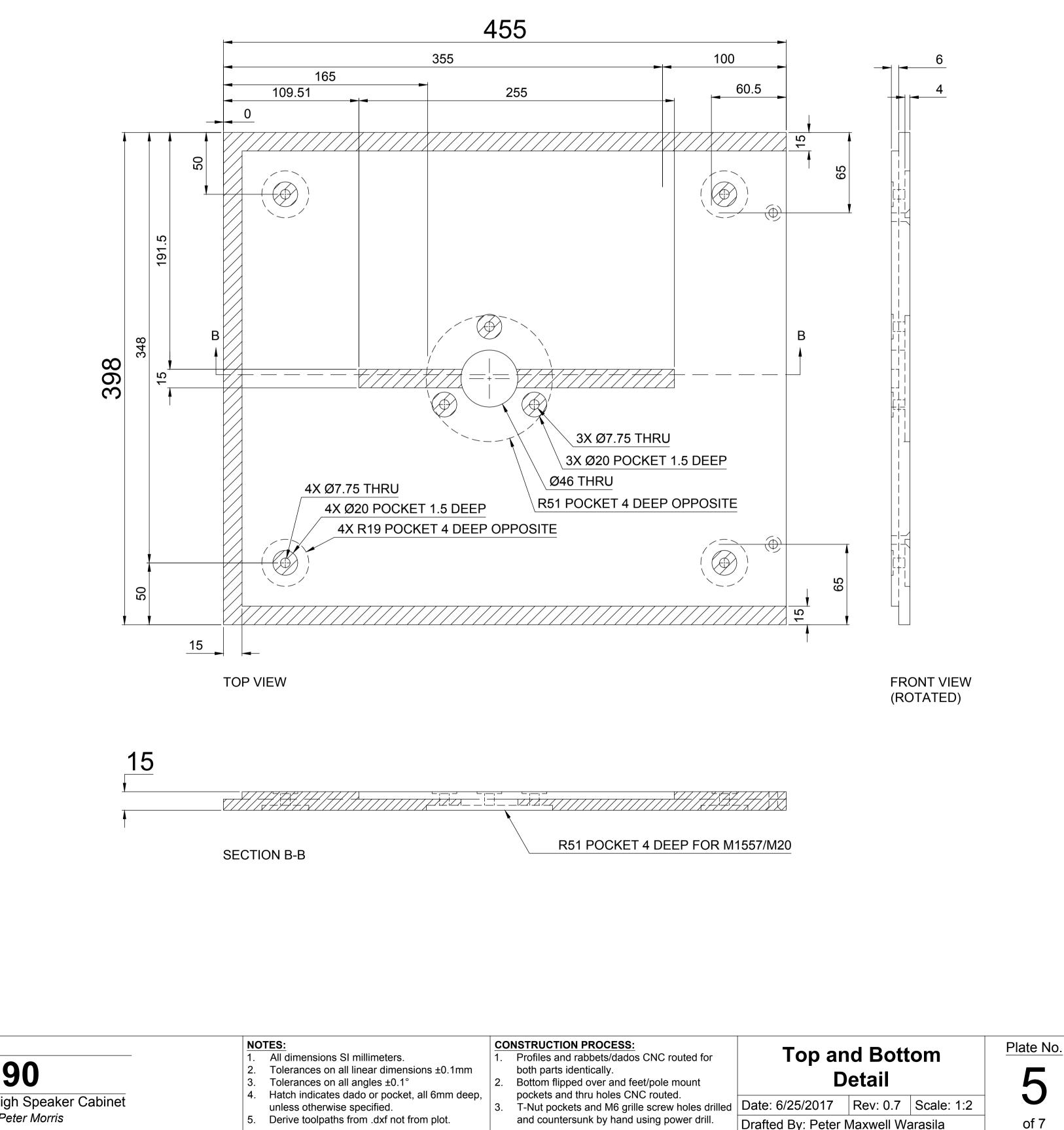
Date: 6/25/2017 Rev: 0.7 Scale: 1:2 Drafted By: Peter Maxwell Warasila

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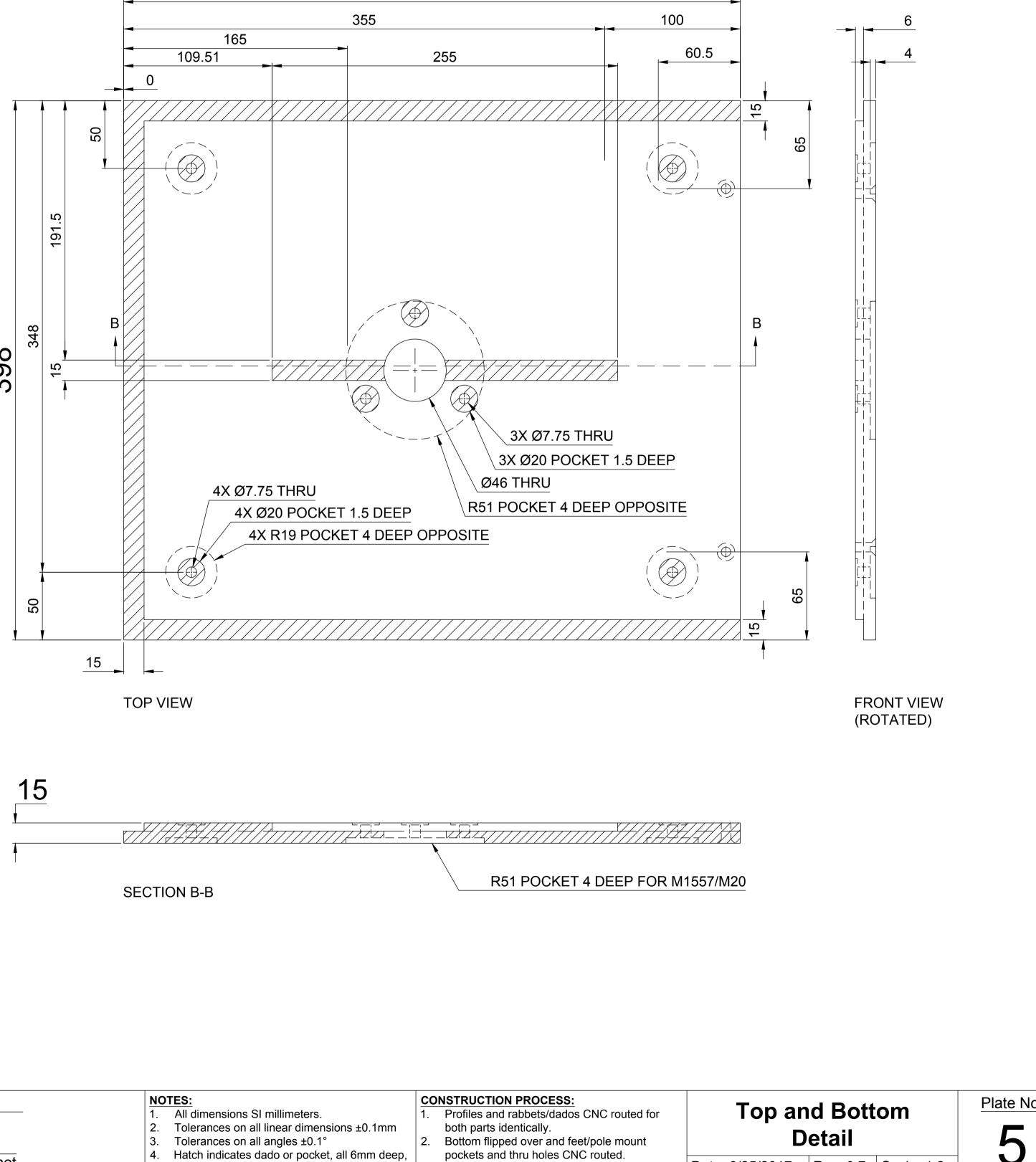
4



TOP

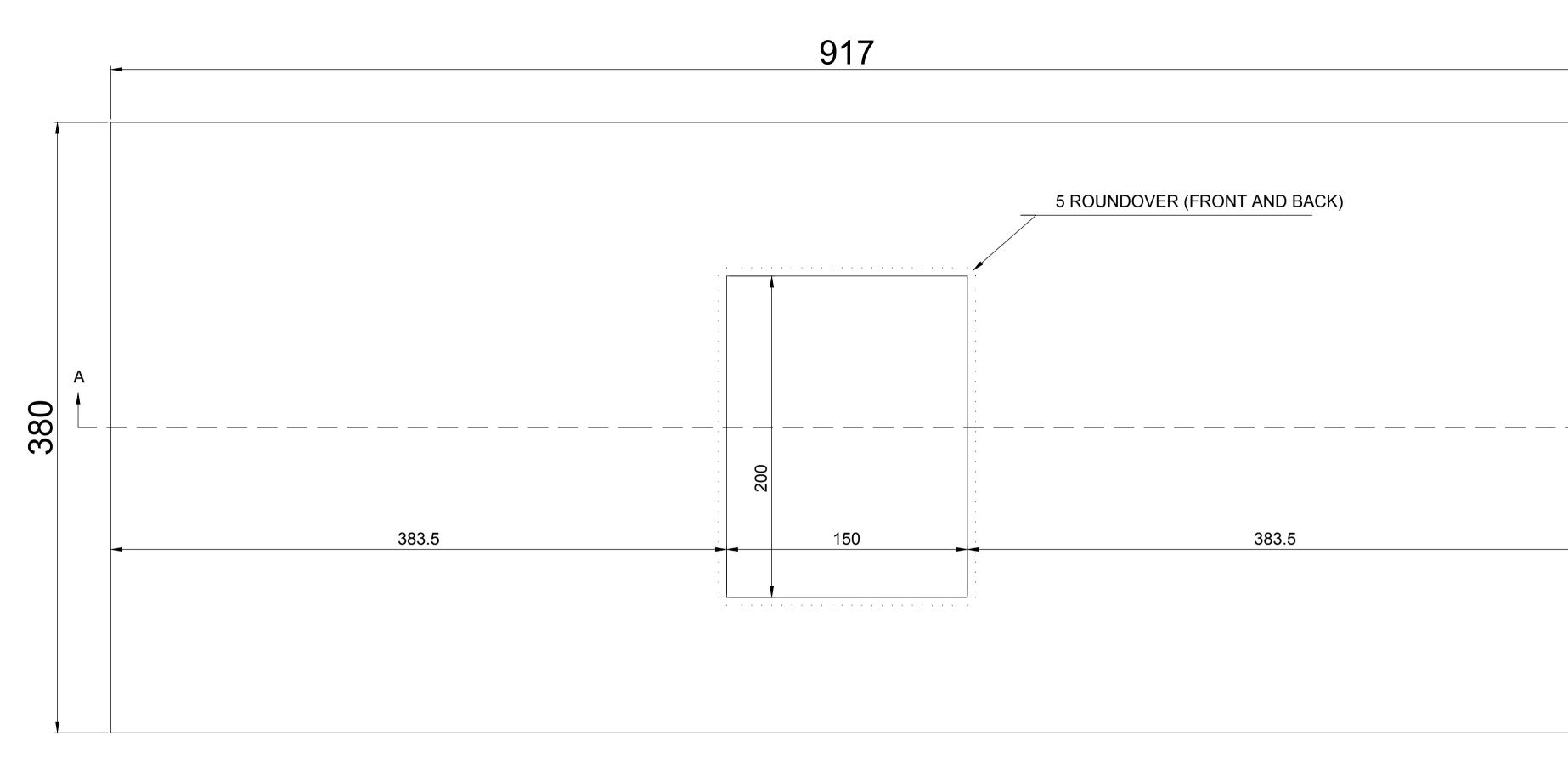


### BOTTOM

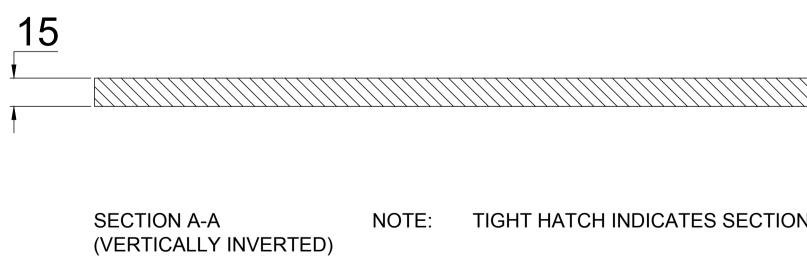


SoundForums.net	NOTES:	CONSTRUCTION PROCE
	1. All dimensions SI millimeters.	1. Profiles and rabbets/c
PM90	2. Tolerances on all linear dimensions ±0.1mm	both parts identically.
F IVIJU	3. Tolerances on all angles ±0.1°	2. Bottom flipped over a
DIY Three-Way Mid-High Speaker Cabinet	4. Hatch indicates dado or pocket, all 6mm deep,	pockets and thru hole
, , , , , , , , , , , , , , , , , , , ,	unless otherwise specified.	3. T-Nut pockets and Me
Designed by Peter Morris	5. Derive toolpaths from .dxf not from plot.	and countersunk by h

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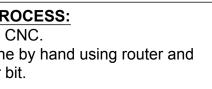




TOP

NOTE: TIGHT HATCH INDICATES SECTION CUT

SoundForums.net	NOTES:	
	1. All dimensions SI millimeters.	1. Profiles cut with Cl
PM90	2. Tolerances on all linear dimensions ±0.1mm	2. Roundovers done
<b>FIVIJU</b>	3. Tolerances on all angles ±0.1°	5mm roundover bi
DIY Three-Way Mid-High Speaker Cabinet Designed by Peter Morris	<ol> <li>Hatch indicates dado or pocket, all 6mm deep, unless otherwise specified.</li> <li>Derive toolpaths from .dxf not from plot.</li> </ol>	

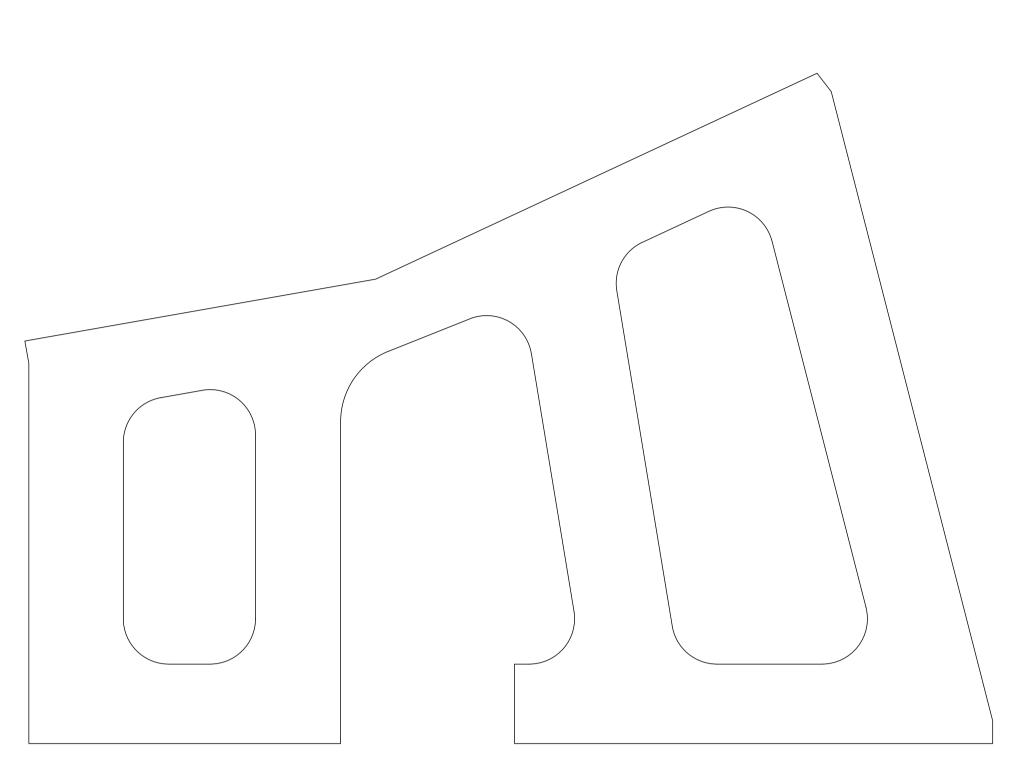


#### Back Detail

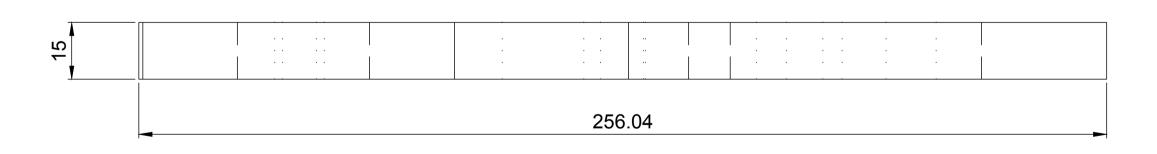


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## **BOTTOM HORN BRACE**

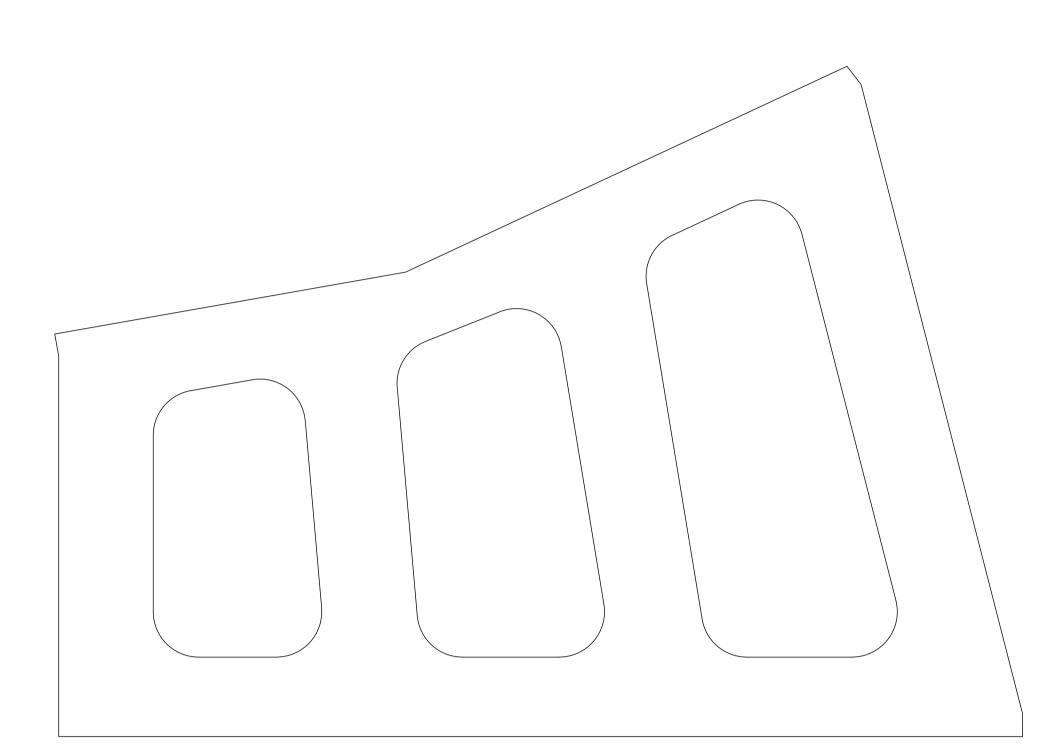


TOP VIEW

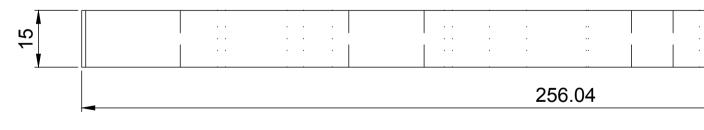


SIDE VIEW

## **TOP HORN BRACE**



TOP VIEW



SIDE VIEW

SoundForums.net	NOTES:	CONSTRUCTION PROCES
PM90	<ol> <li>All dimensions SI millimeters.</li> <li>Tolerances on all linear dimensions ±0.1mm</li> <li>Tolerances on all angles ±0.1°</li> </ol>	1. Profiles cut with CNC.
DIY Three-Way Mid-High Speaker Cabinet Designed by Peter Morris	<ol> <li>Tolerances on all angles ±0.1°</li> <li>Derive toolpaths from .dxf not from plot.</li> <li>This plate rendered at 1:1 with minimal dimensioning for hand cutting and measuring.</li> </ol>	

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ROCESS: CNC.		Plate No.
CNC.	Horn Brace Detail	7
	Date: 6/25/2017 Rev: 0.7 Scale: 1:2	

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