



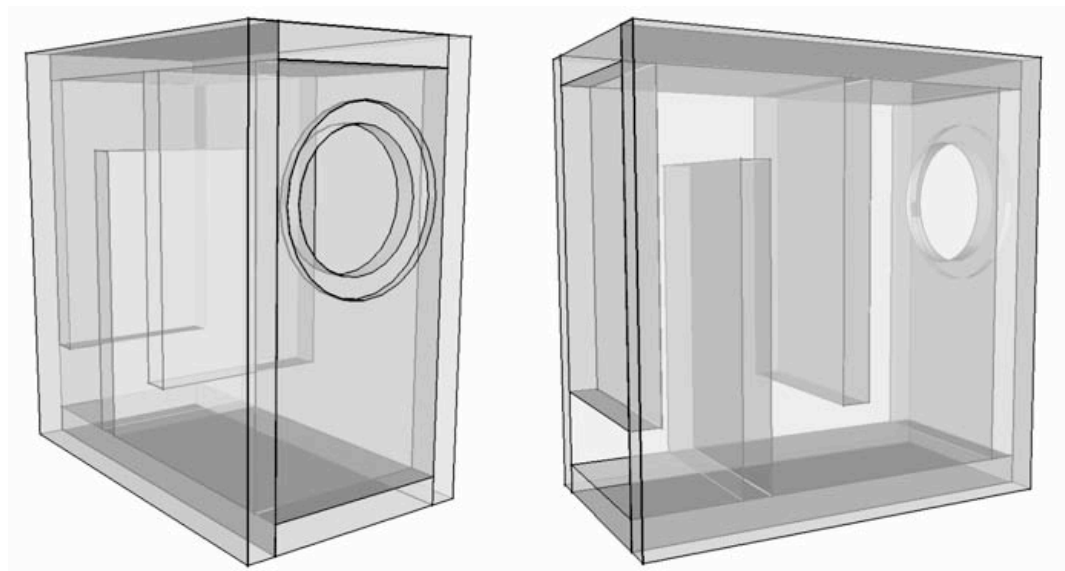
Baby Labs

24-october-2018

Small Onley Labyrinths/Transmission Lines for the Fostex FF85wk/FF105wk/FE103 SOL, Mark Audio Alpair 5.2, Alpair 6.2p/Alpair 6.2m, CHN-70, Pluvia 7, and Aura NS3-193

Intended for desktop use but often uses as small standmounts.

Free for non-commercial use.





Notes 1: Baby Lab Examples

23-april-2018



Falcon | Jeff Drouin, Tulsa, Ok



Shrike | Jeff Drouin, Tulsa, Ok



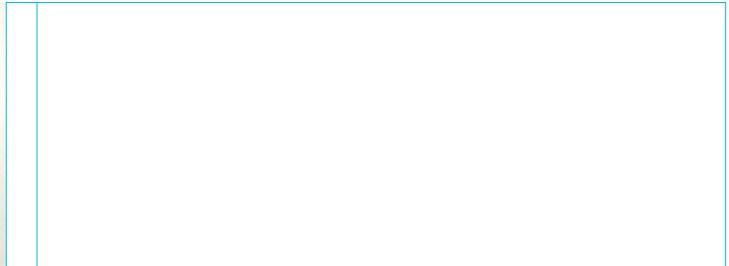
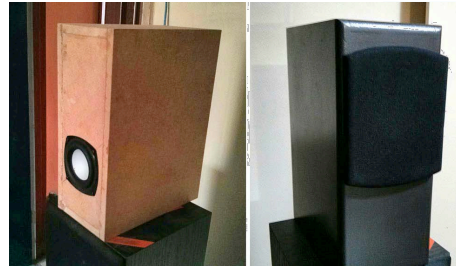
Shrike | toobhead



Lance | nemonis



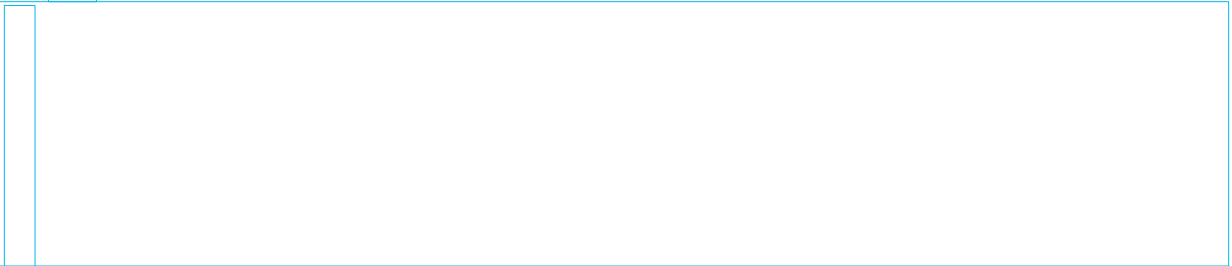
Red Eye | Mike Jennens, Bismarck, ND / Jermis, Bucks, UK



Bloodhound Prototypes | Chris Bobiak, Victoria, BC



Stinger | planet10-hifi, Victoria, BC

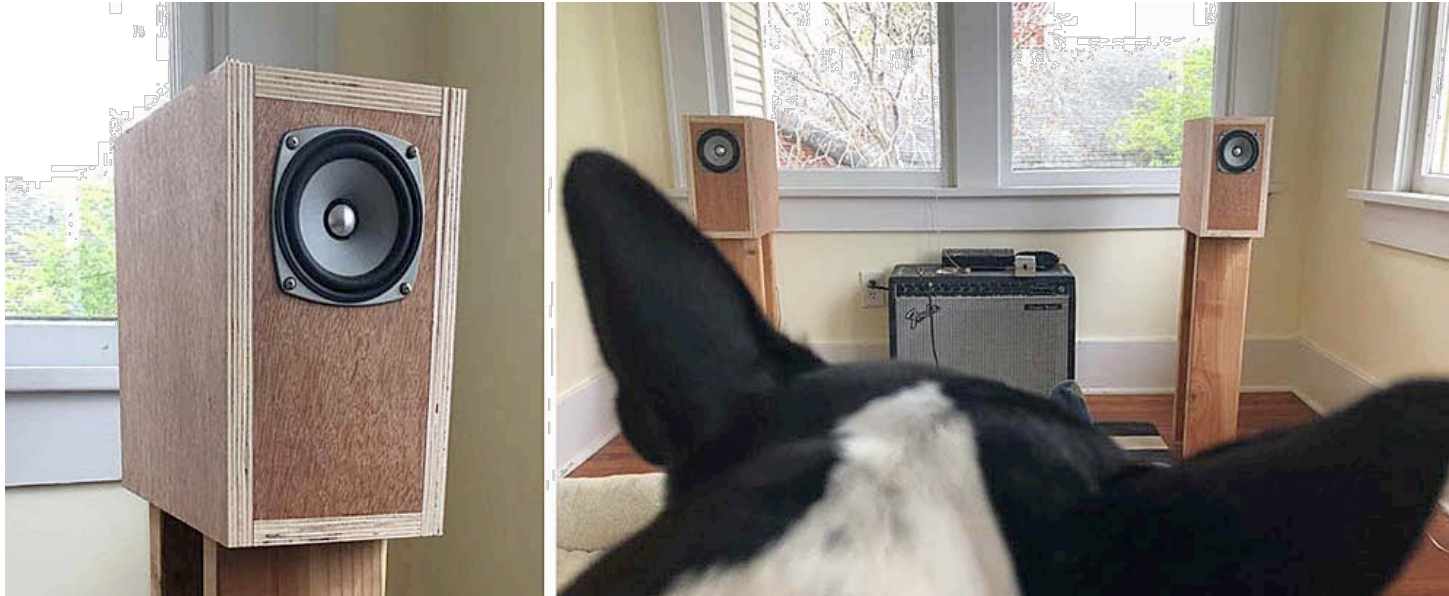


Falcon | planet10-hifi, Victoria, BC



Notes: Baby Labs

23-april-2018



Example Falcon Build





The Lance

FF85wk Labyrinth TL 1v02

Plan 1/2" | 14-december-2014

designed by Scott Lindgren | drawn by dld

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Notes:

o/ drawn using 1/2" (12.7mm) material

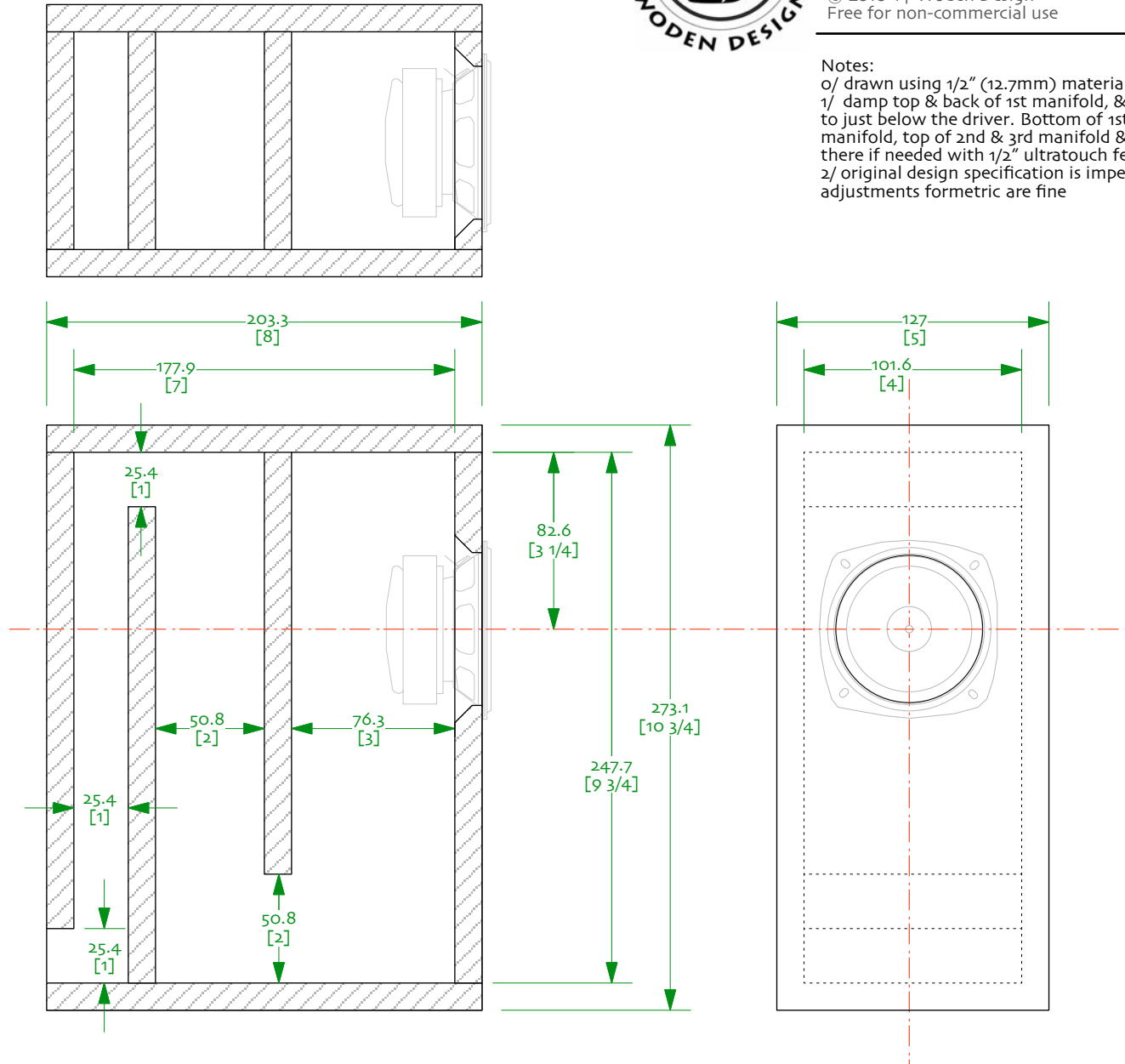
1/ damp top & back of 1st manifold, & one side down to just below the driver.

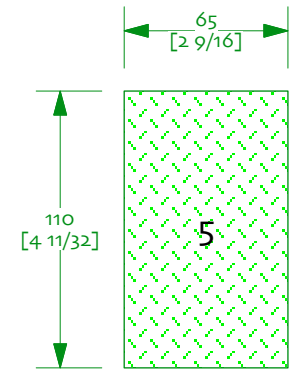
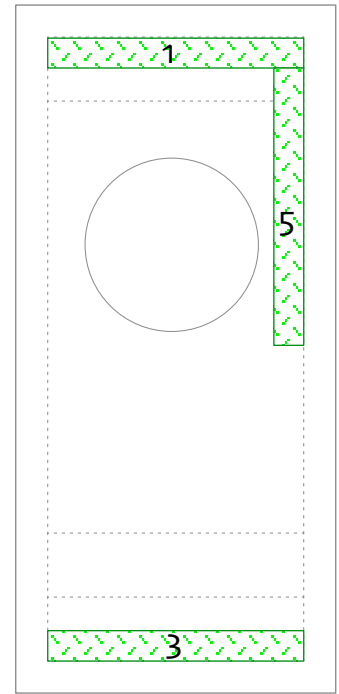
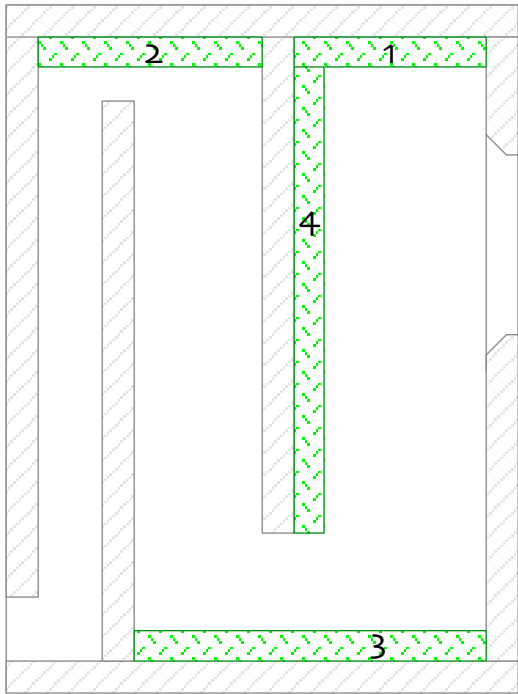
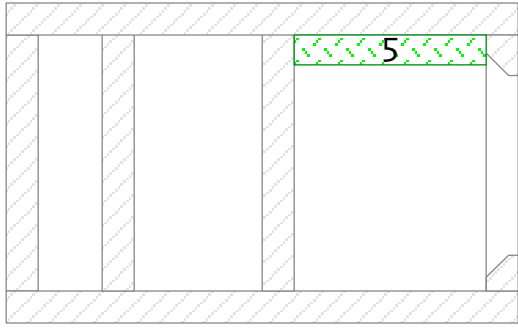
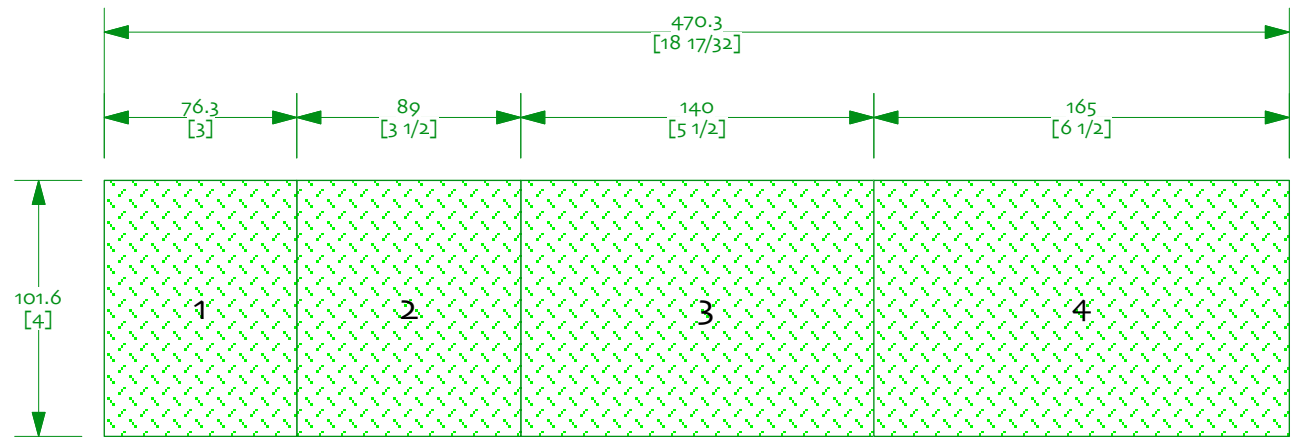
Bottom of 1st & 2nd manifold, top of 2nd & 3rd manifold & adjust from

there if needed with 1/2" ultratouch felt or equivalent

2/ original design specification is imperial, minor

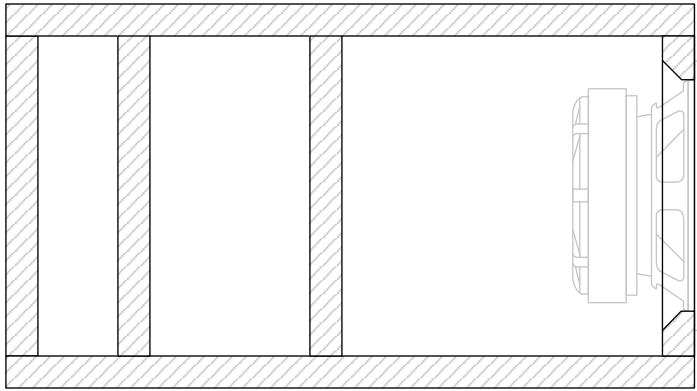
adjustments formetric are fine





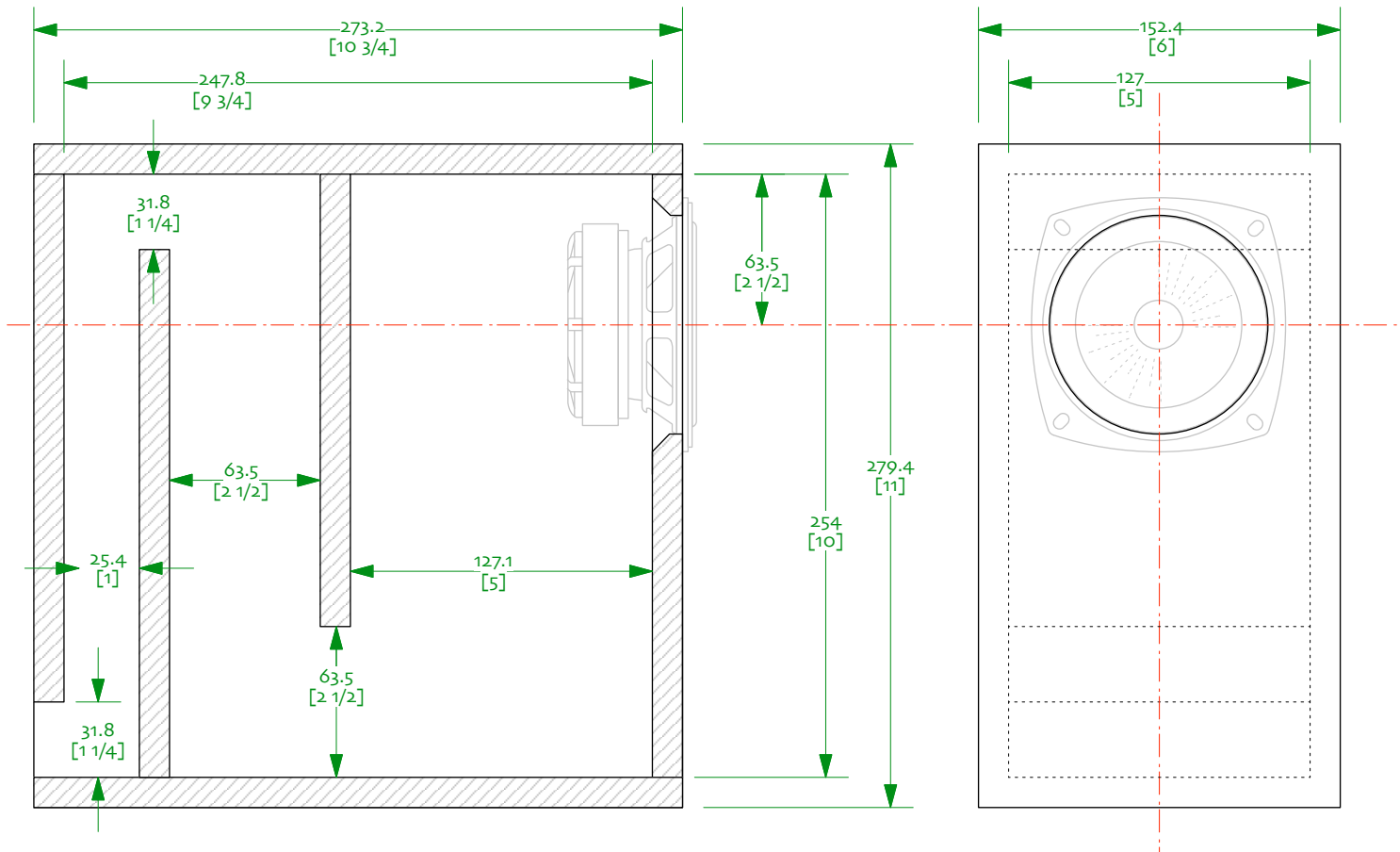
The Lance
 FF85wk Labyrinth TL 1v02
 Damping | 19-january-2015
 designed by Scott Lindgren | drawn by dld
 © 2010-15 Woden Design
 Free for non-commercial use

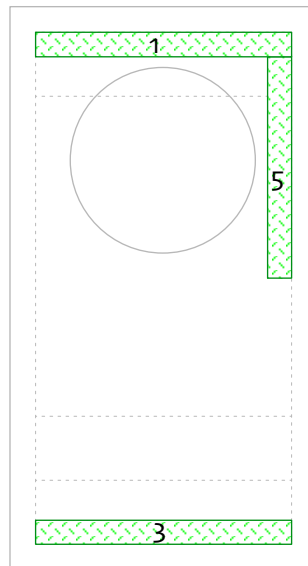
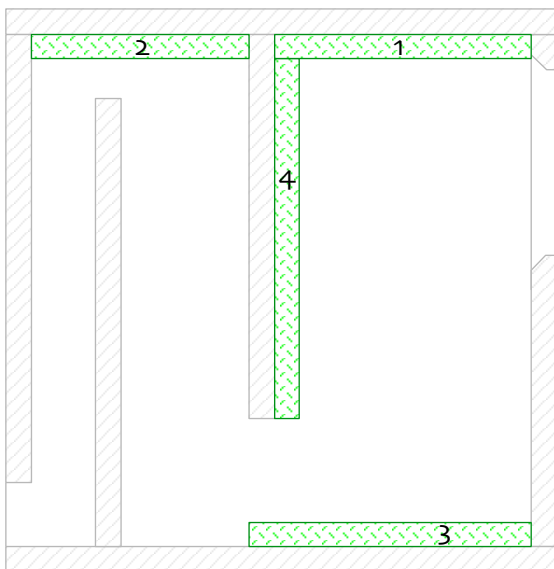
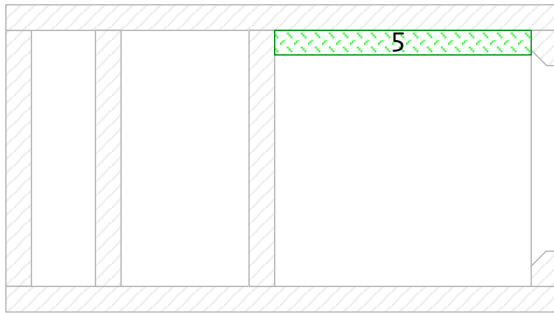
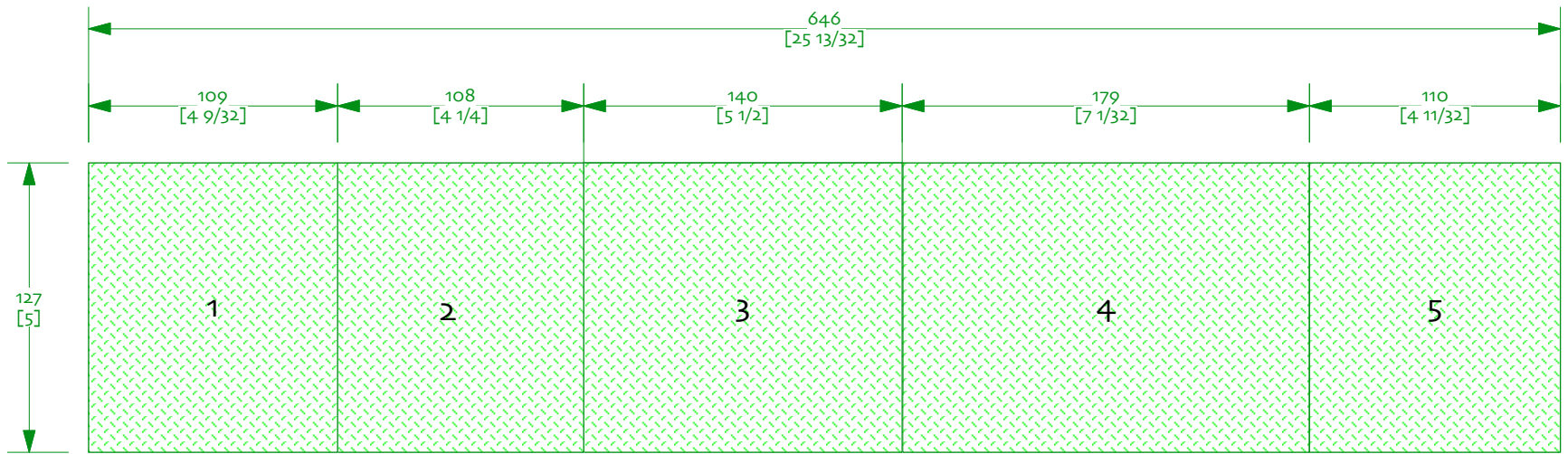
Notes:
 o/ damp top (1) & back (4) of 1st manifold, & one side (5) down to just below the driver. Bottom of 1st & 2nd manifold (2), top of 2nd & 3rd manifold & adjust from there if needed with 1/2" ultratouch felt or equivalent



Falcon
 FF105wk Labyrinth TL 1vo
 Plan 1/2" | 23-april-2018
 designed by Scott Lindgren | drawn by dld
 © 2010-18 Woden Design
 Free for non-commercial use

Notes:
 o/ drawn using 1/2" (12.7mm) material
 1/ damp top & back of 1st manifold, & one side down to just below the driver. Bottom of 1st & 2nd manifold, top of 2nd & 3rd manifold & adjust from there if needed with 1/2" ultratouch felt or equivalent
 2/ original design specification is imperial, minor adjustments formetric are fine





Falcon

FF105wk Labyrinth TL 1v02

Damping | 23-april-2018

designed by Scott Lindgren | drawn by dld

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Notes:

o/ damp top (1) & back (4) of 1st manifold, & one side (5) down to just below the driver. Bottom of 1st & 2nd manifold (2), top of 2nd & 3rd manifold & adjust from there if needed with 1/2" ultratouch felt or equivalent



Shrike

FE103 Sol Labyrinth TL ov82

Plan 1/2" | 24-april-2018

designed by Scott Lindgren | drawn by dld

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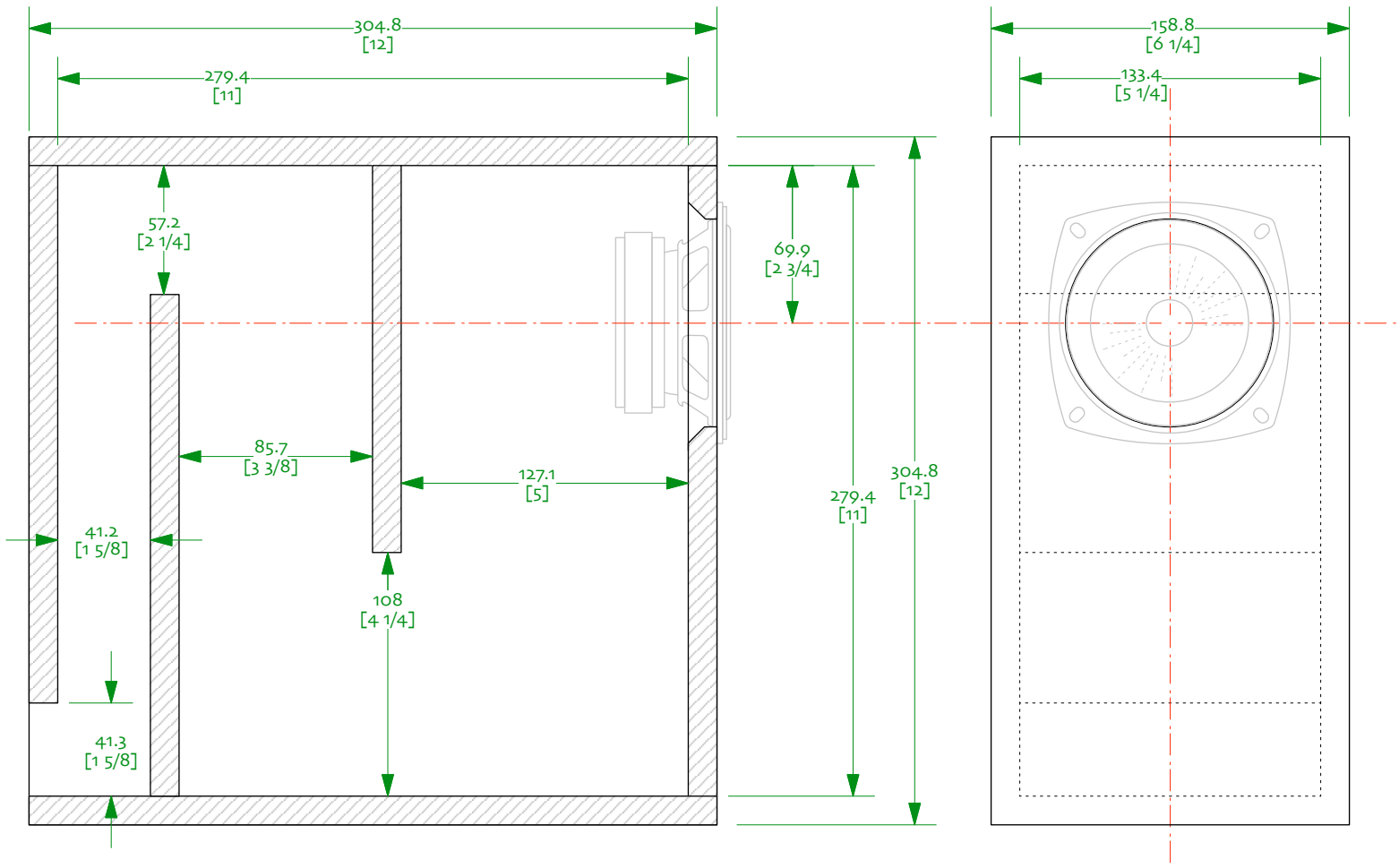
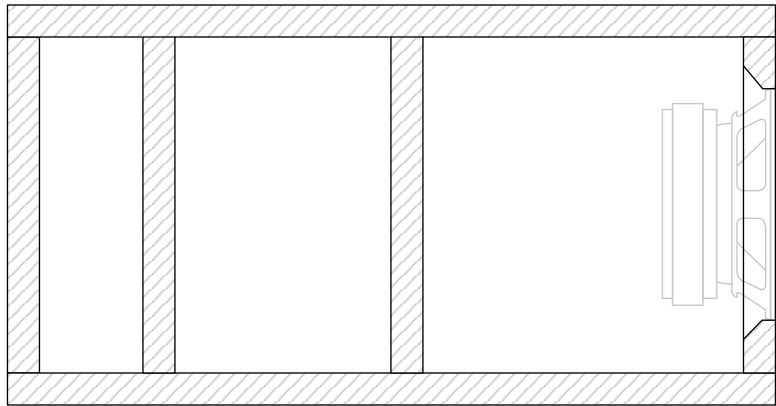
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Notes:

o/ drawn using 1/2" (12.7mm) material

1/ damp top & back of 1st manifold, & one side down to just below the driver. Bottom of 1st & 2nd manifold, top of 2nd & 3rd manifold & adjust from there if needed with 1/2" ultratouch felt or equivalent

2/ original design specification is imperial, minor adjustments formetric are fine





Bloodhound

Alpair 5.2 Labyrinth TL ov99

Plan 1/2" | 08-october-2015

designed by Scott Lindgren | drawn by dld

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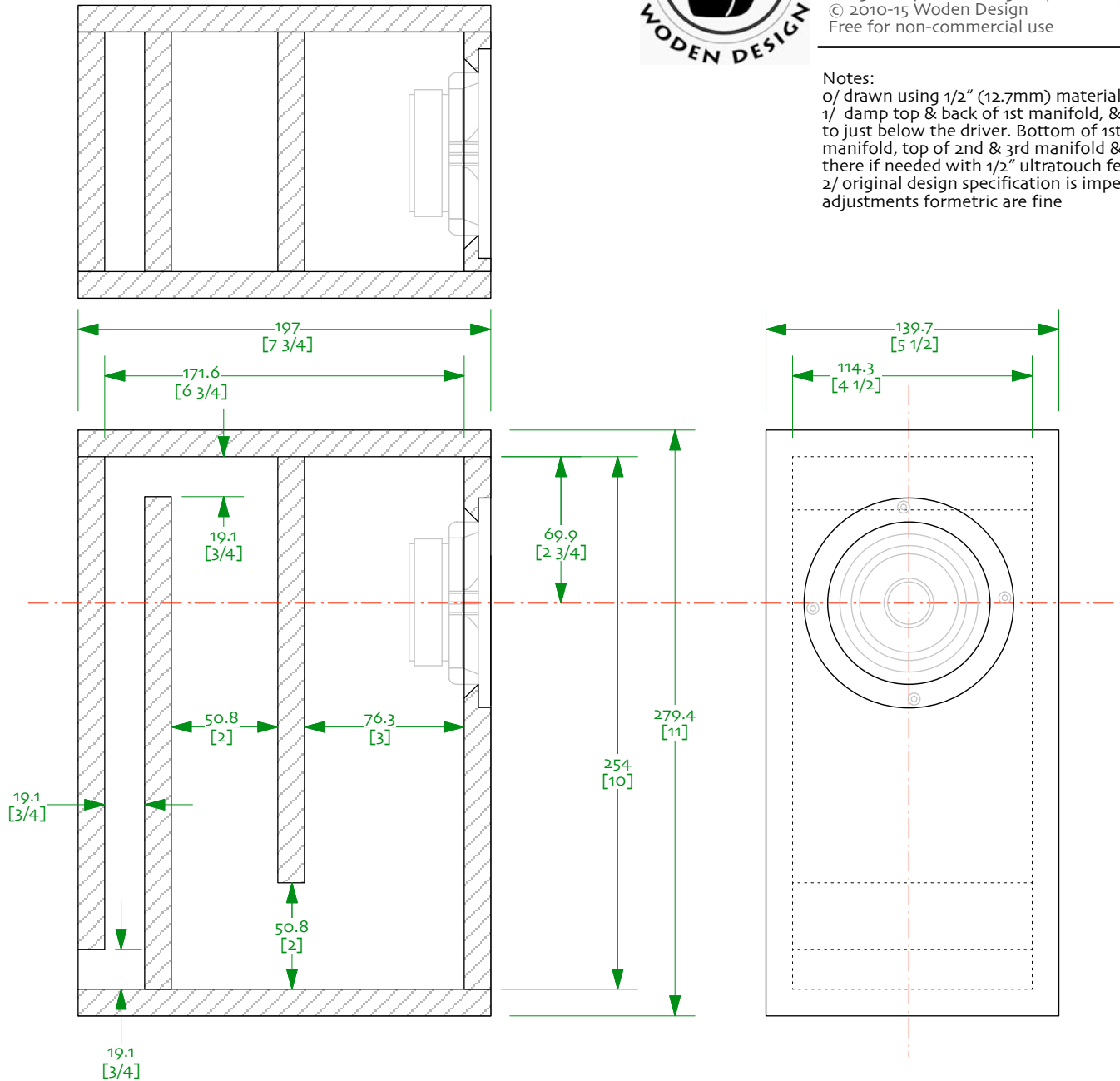
Free for non-commercial use

Notes:

o/ drawn using 1/2" (12.7mm) material

1/ damp top & back of 1st manifold, & one side down to just below the driver. Bottom of 1st & 2nd manifold, top of 2nd & 3rd manifold & adjust from there if needed with 1/2" ultratouch felt or equivalent

2/ original design specification is imperial, minor adjustments formetric are fine





The Stinger

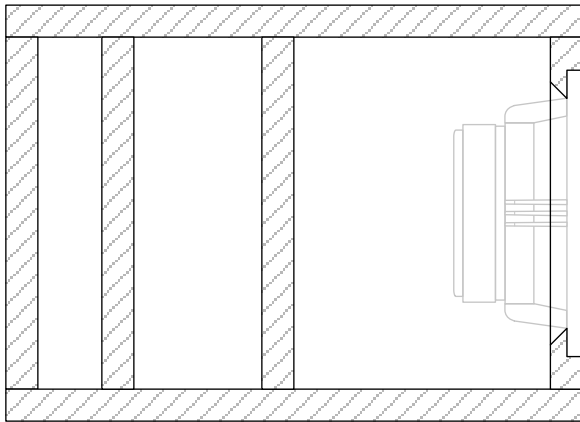
Alpair 6.2p/m Labyrinth TL 1vo

Plan 1/2" | 14-december-2014

designed by Scott Lindgren | drawn by dld

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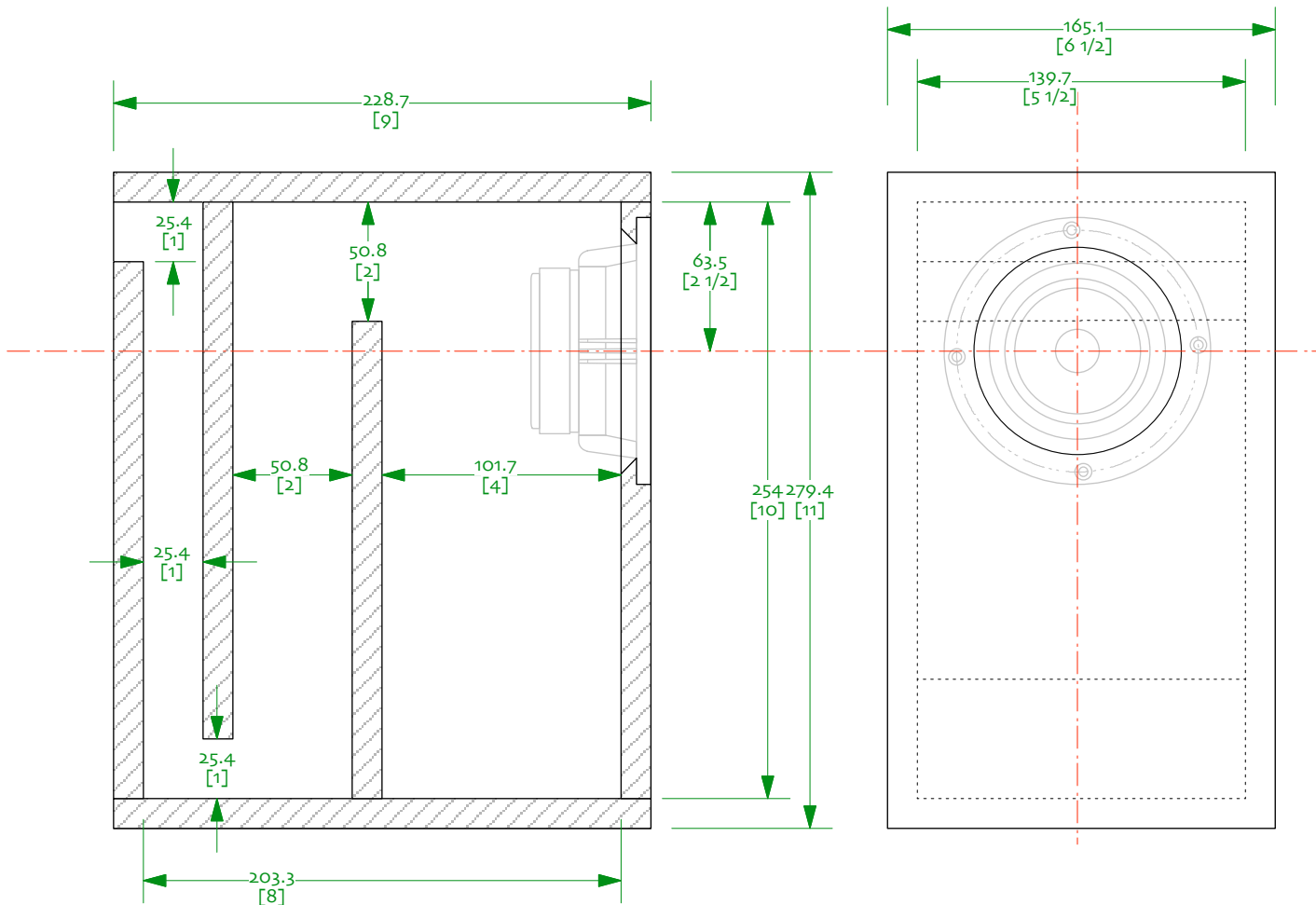
Notes:

0/ drawn using 1/2" (12.7mm) material. Due to thick bezel, 15mm or 5/8" baffle is suggested.

1/ Damping: all faces 1st manifold leaving adequate breathing room for driver on front baffle. Top and bottom of 2nd manifold, + 2 non-opposing faces. Bottom of 3rd manifold + 2 non opposing faces for ~5in. Final few inches un-damped to preserve most of fundamental.

2/ original design specification is imperial, minor adjustments formetric are fine

3/ relieve the back of the driver cutout to ensure good breathing for the back of the cone.





Skyflash

CHN-70 Labyrinth TL ov9

Plan 1/2" | 24-october-2018

designed by Scott Lindgren | drawn by dld

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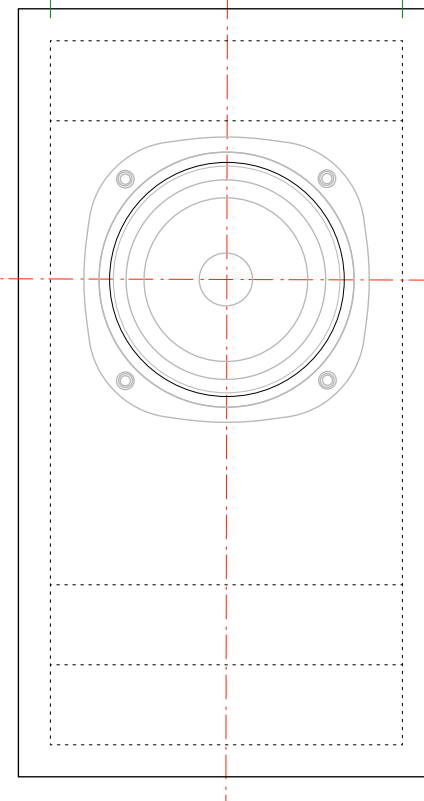
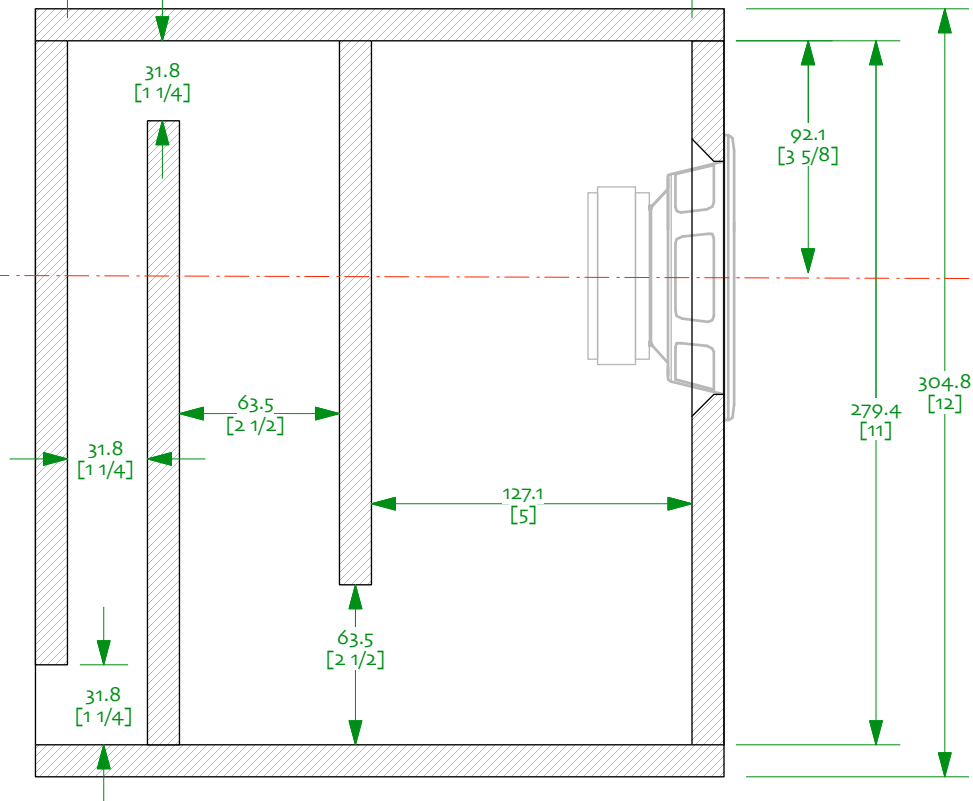
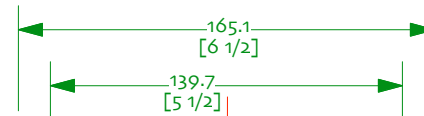
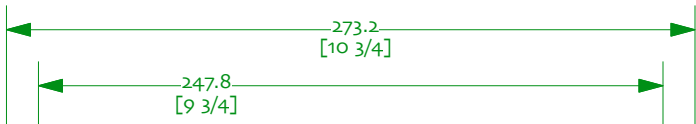
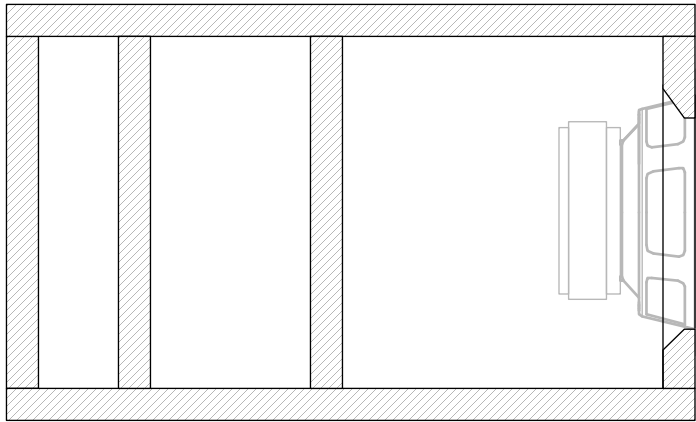
Notes:

o/ drawn using 1/2" (12.7mm) material

1/ damp top & back of 1st manifold, & one side down to just below the driver. Bottom of 1st & 2nd

manifold, top of 2nd & 3rd manifold & adjust from there if needed with 1/2" ultratouch felt or equivalent

2/ original design specification is imperial, minor adjustments formetric are fine



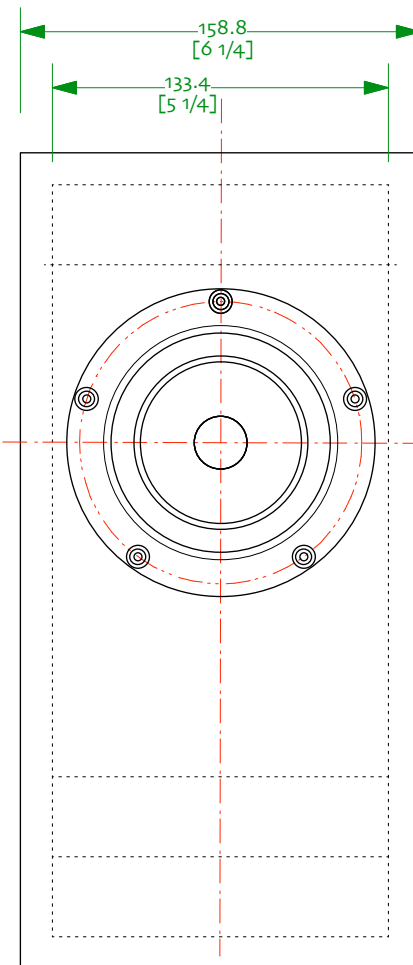
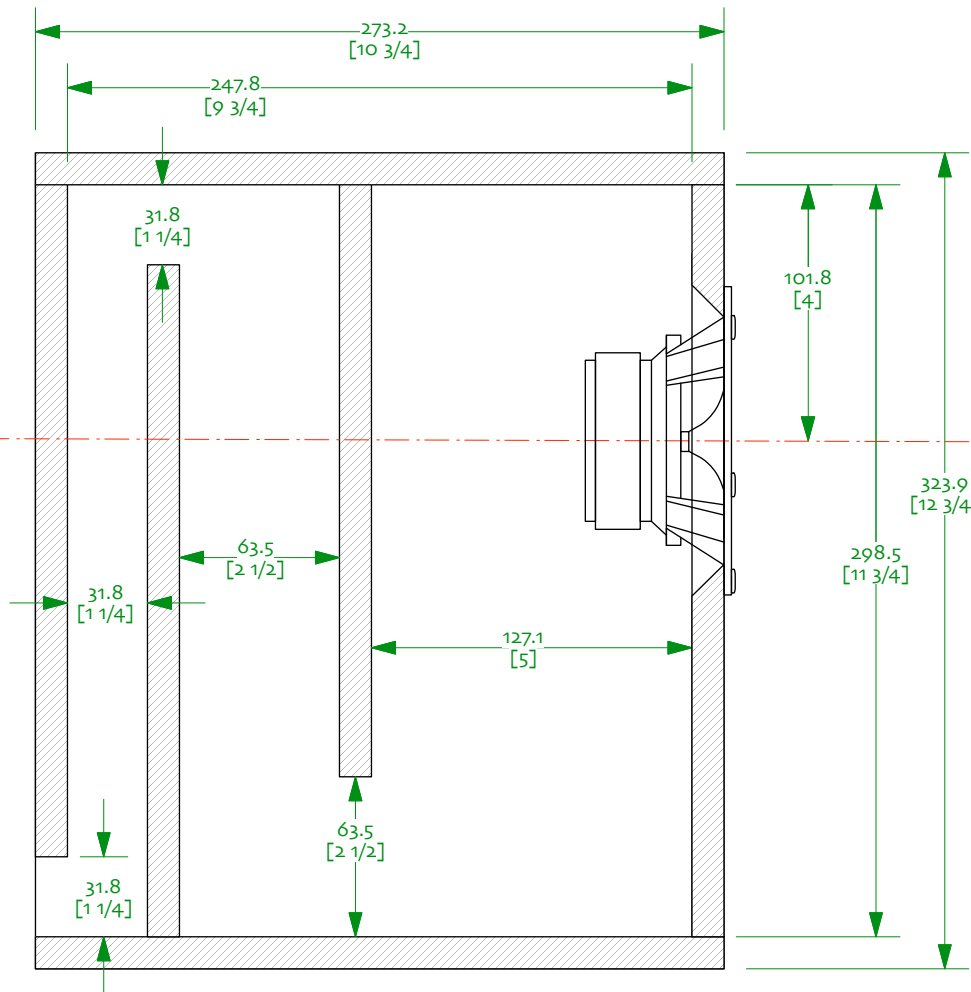
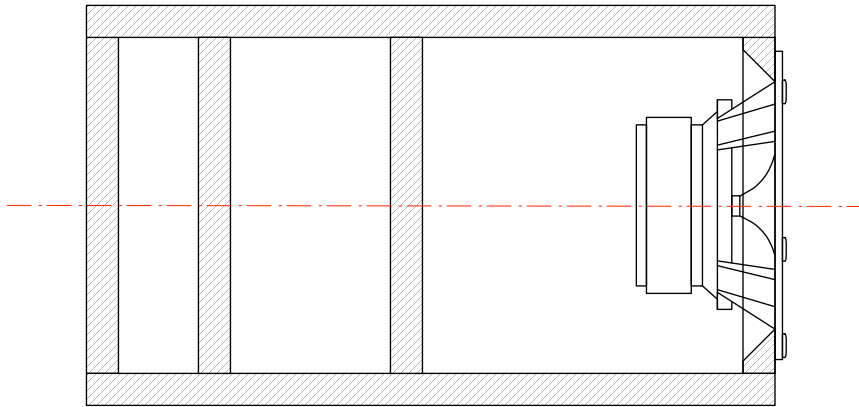


Storm Shadow

Mark Audio Pluvia 7 Labyrinth TL ov81
Plan 1/2" | 24-october-2018
designed by Scott Lindgren | drawn by dld
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Notes:

o/ drawn using 1/2" (12.7mm) material
1/ damp top & back of 1st manifold, & one side down
to just below the driver. Bottom of 1st & 2nd
manifold, top of 2nd & 3rd manifold & adjust from
there if needed with 1/2" ultratouch felt or equivalent
2/ original design specification is imperial, minor
adjustments formetric are fine





Redeye

Aura NS3-193-8A Labyrinth TL 1v02

Plan 1/2" | 14-december-2014

designed by Scott Lindgren | drawn by dld

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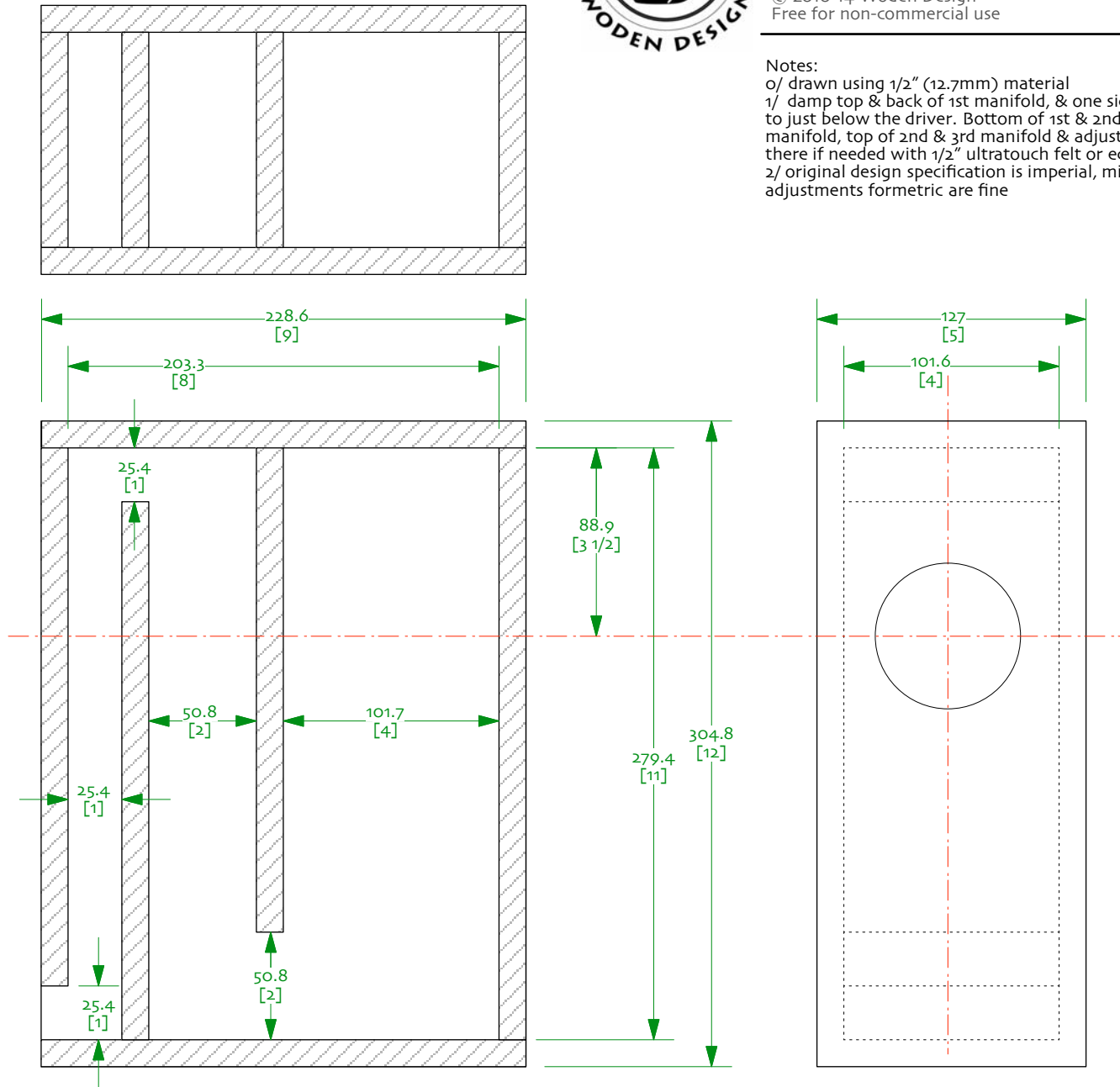
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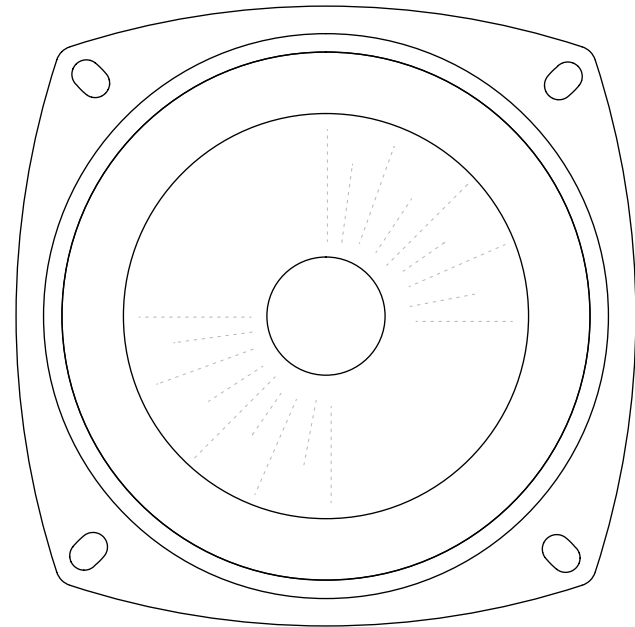
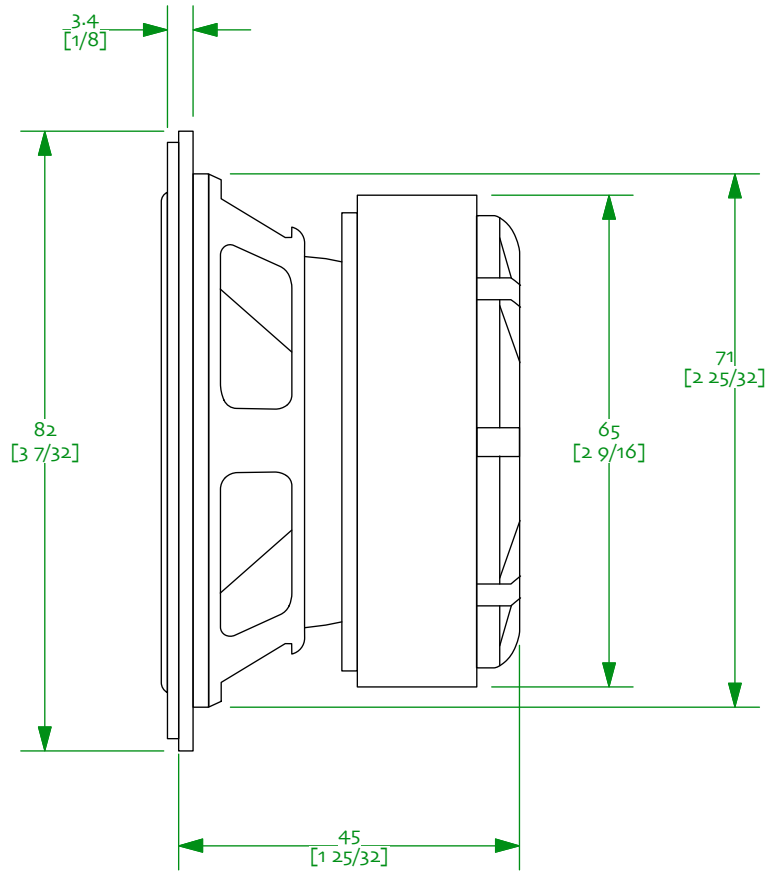
Notes:

o/ drawn using 1/2" (12.7mm) material

1/ damp top & back of 1st manifold, & one side down to just below the driver. Bottom of 1st & 2nd manifold, top of 2nd & 3rd manifold & adjust from there if needed with 1/2" ultratouch felt or equivalent

2/ original design specification is imperial, minor adjustments formetric are fine

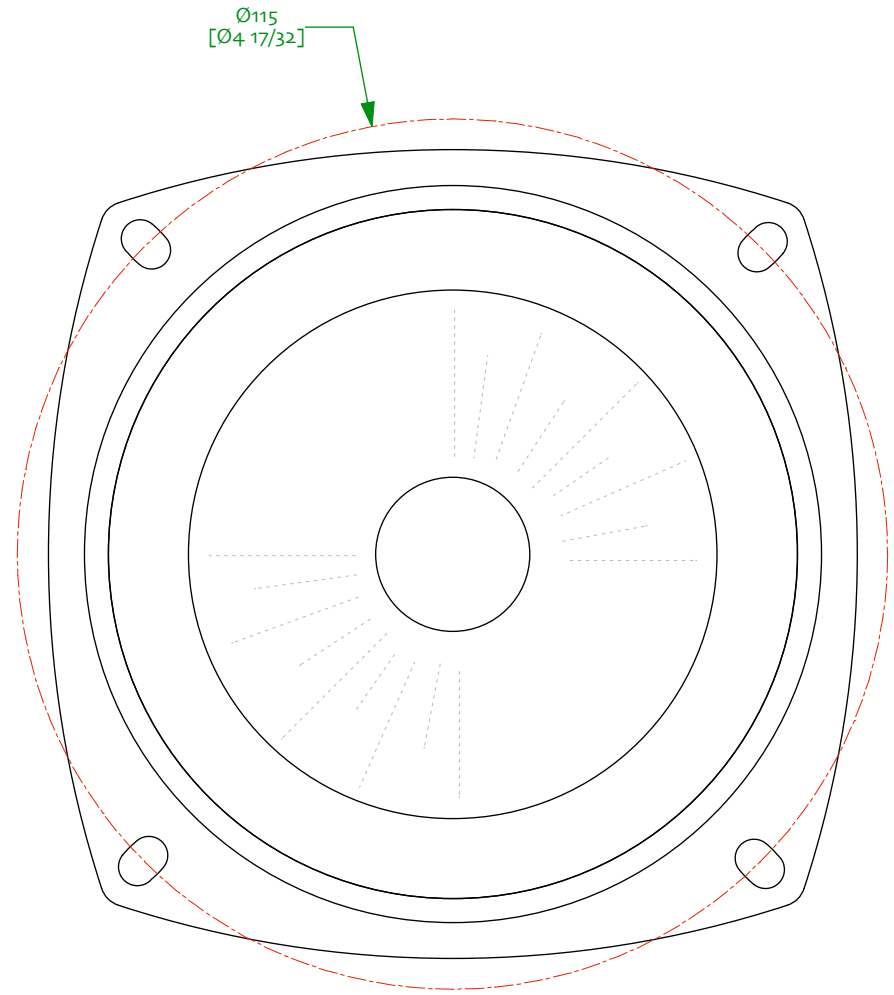
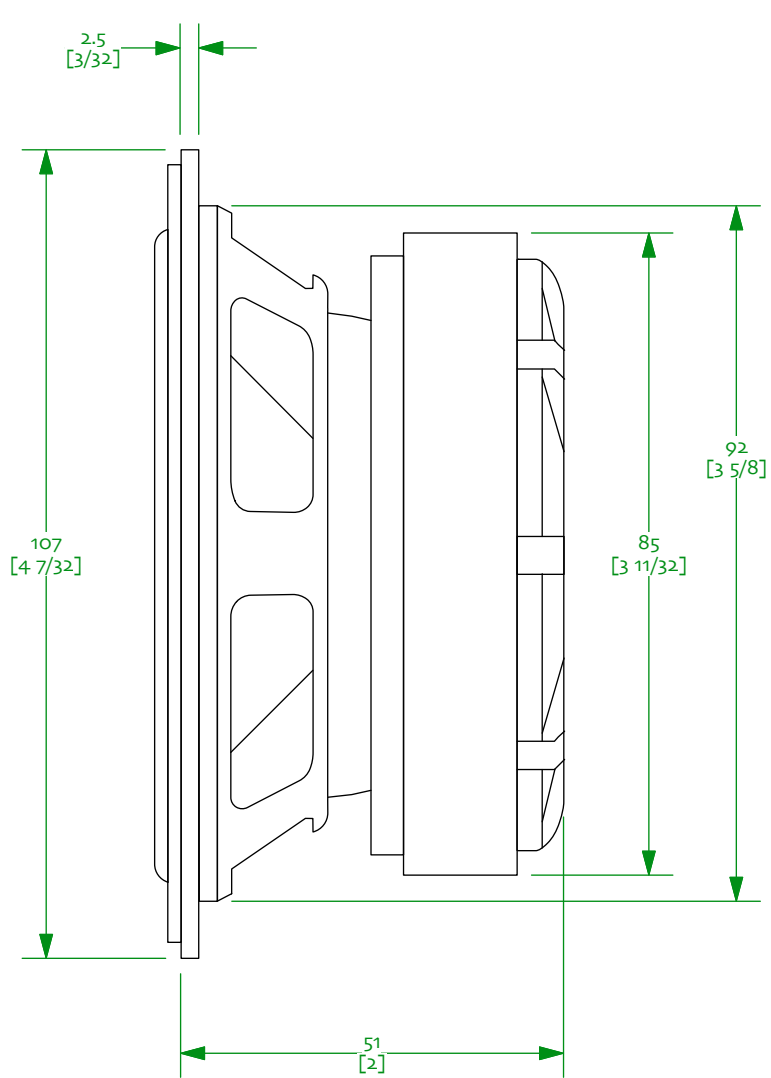




Fostex FF85wk

Dimensions ov9

16-october-2016 | drawn by D Dlugos
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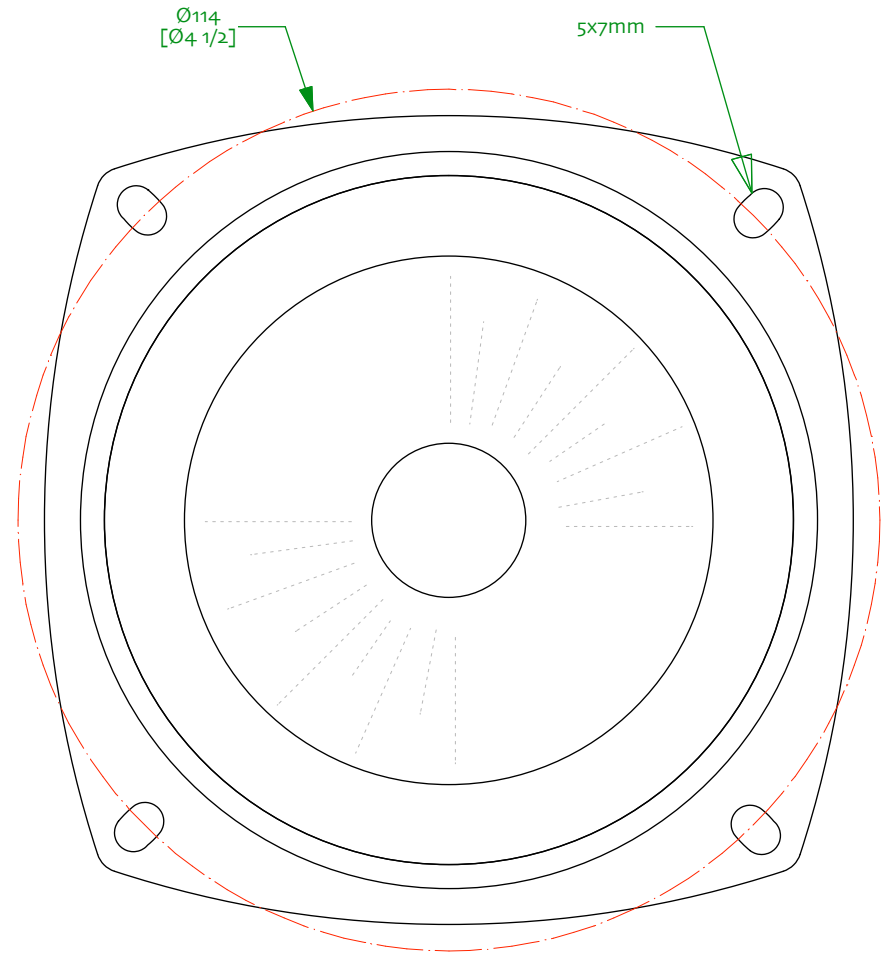
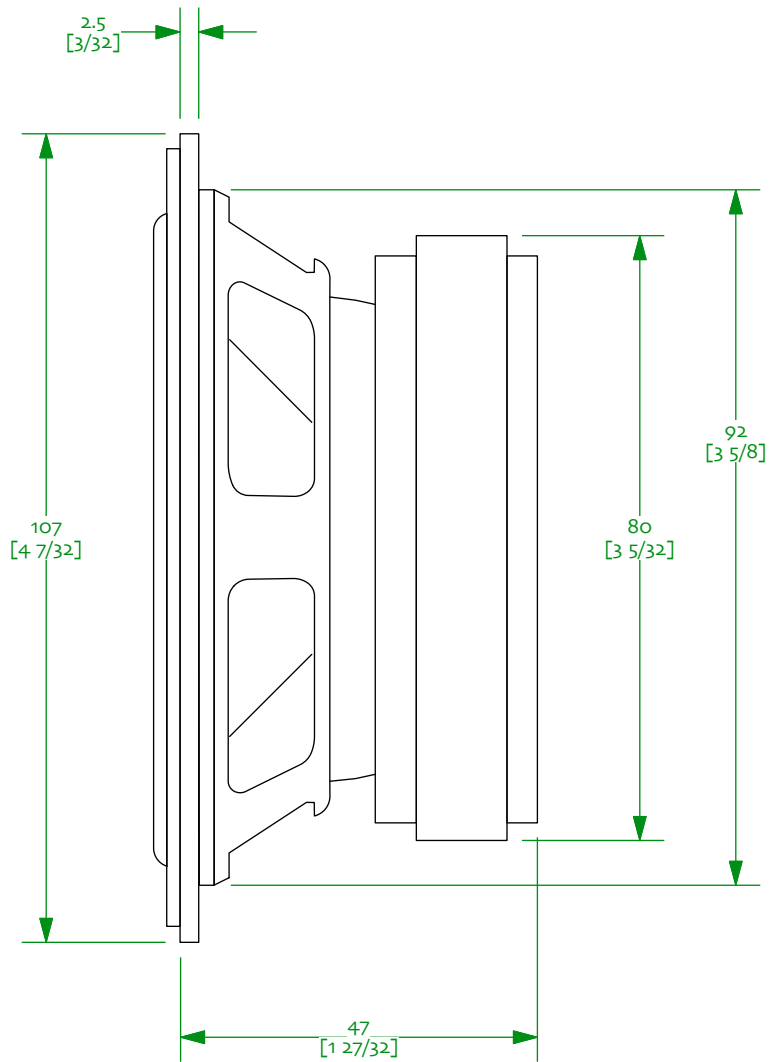


Fostex FF105wk

Dimensions ov91

19-april-2018 | drawn by D Dlugos

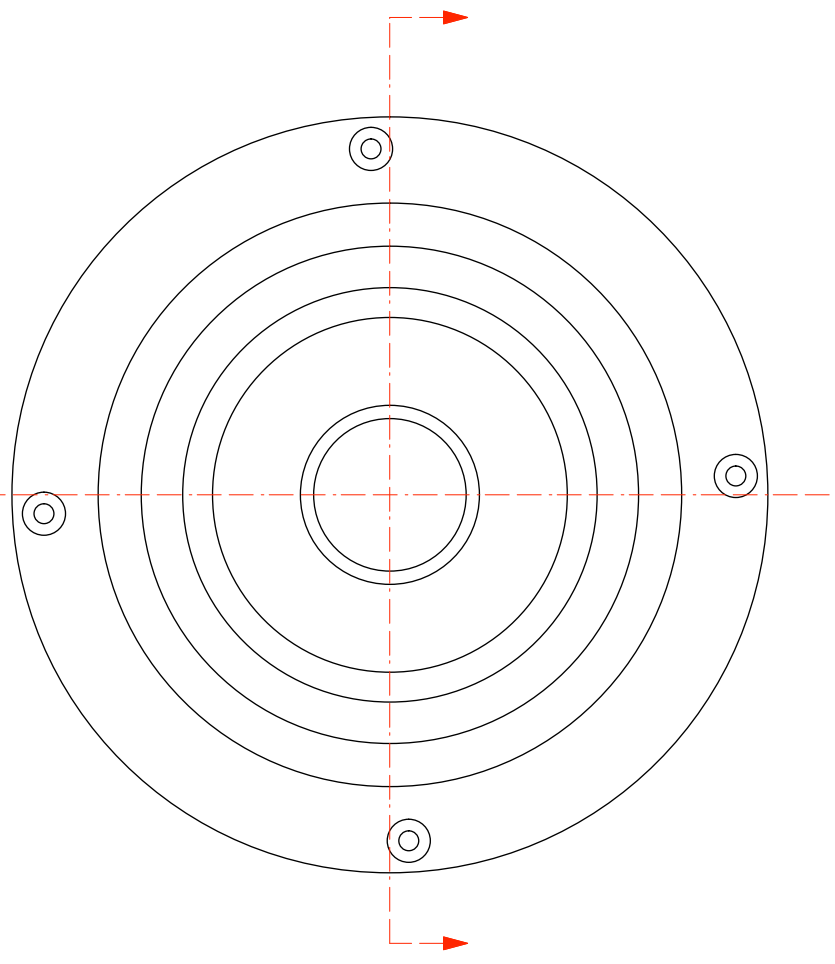
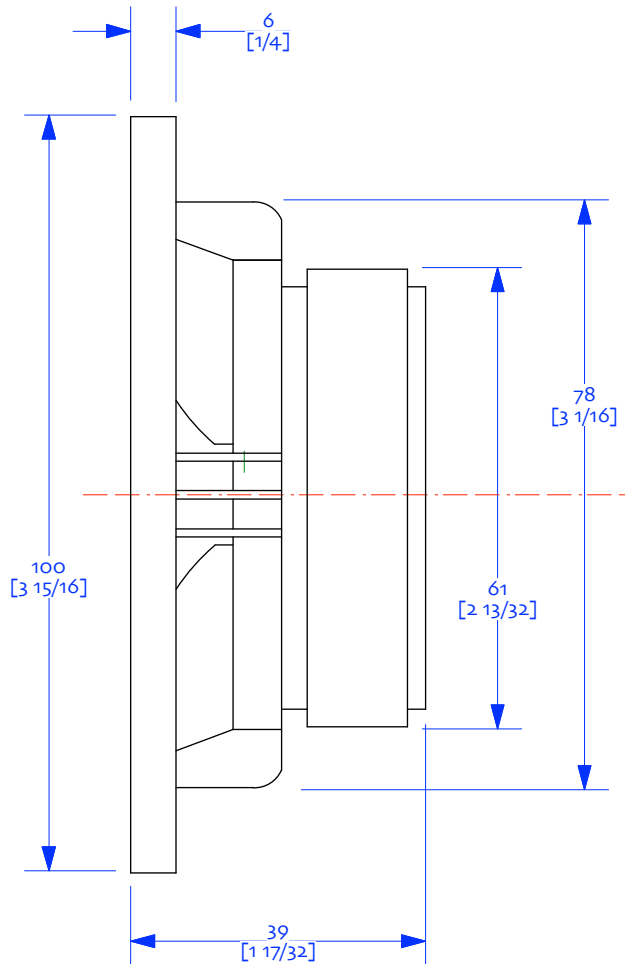
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Fostex FE103 S01

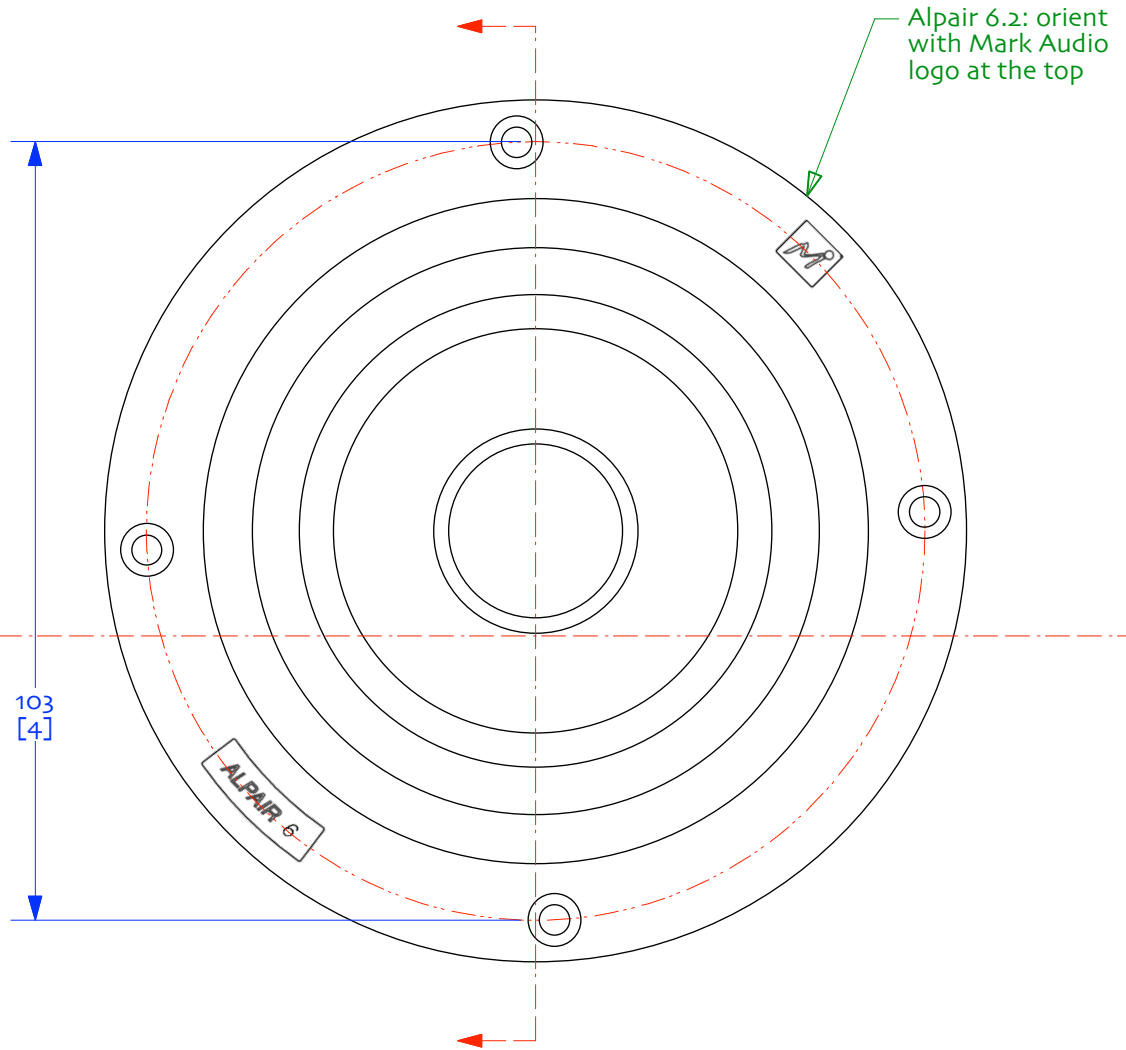
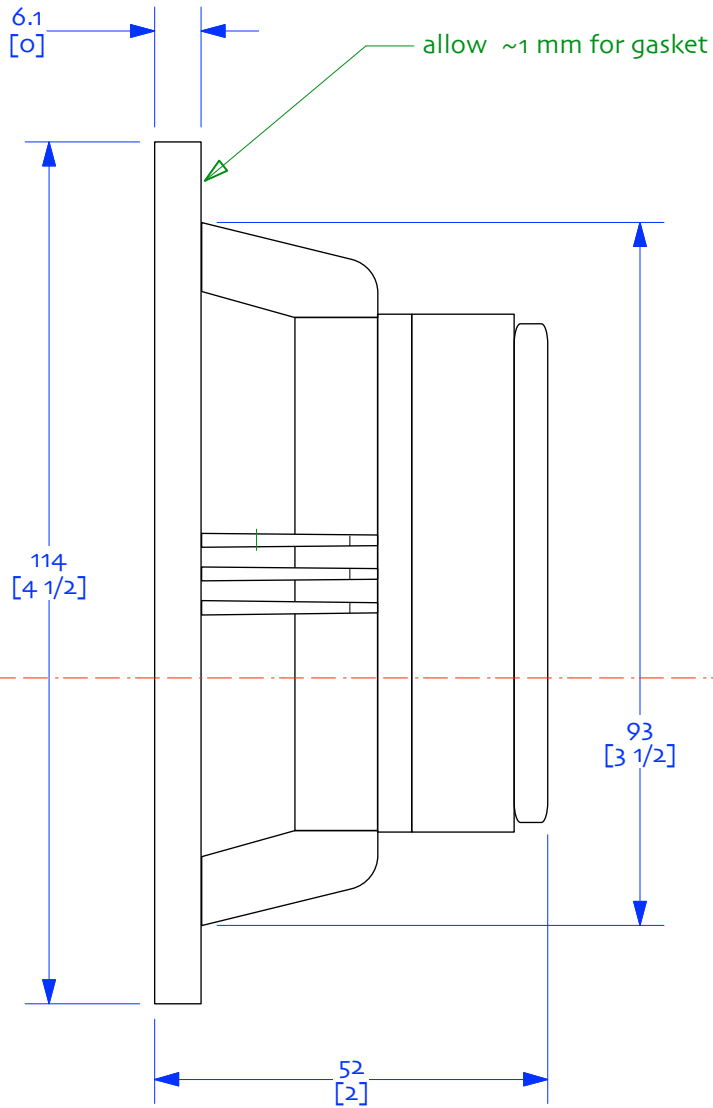
Dimensions ov9

24-april-2018 | designed & drawn by D Dlugos
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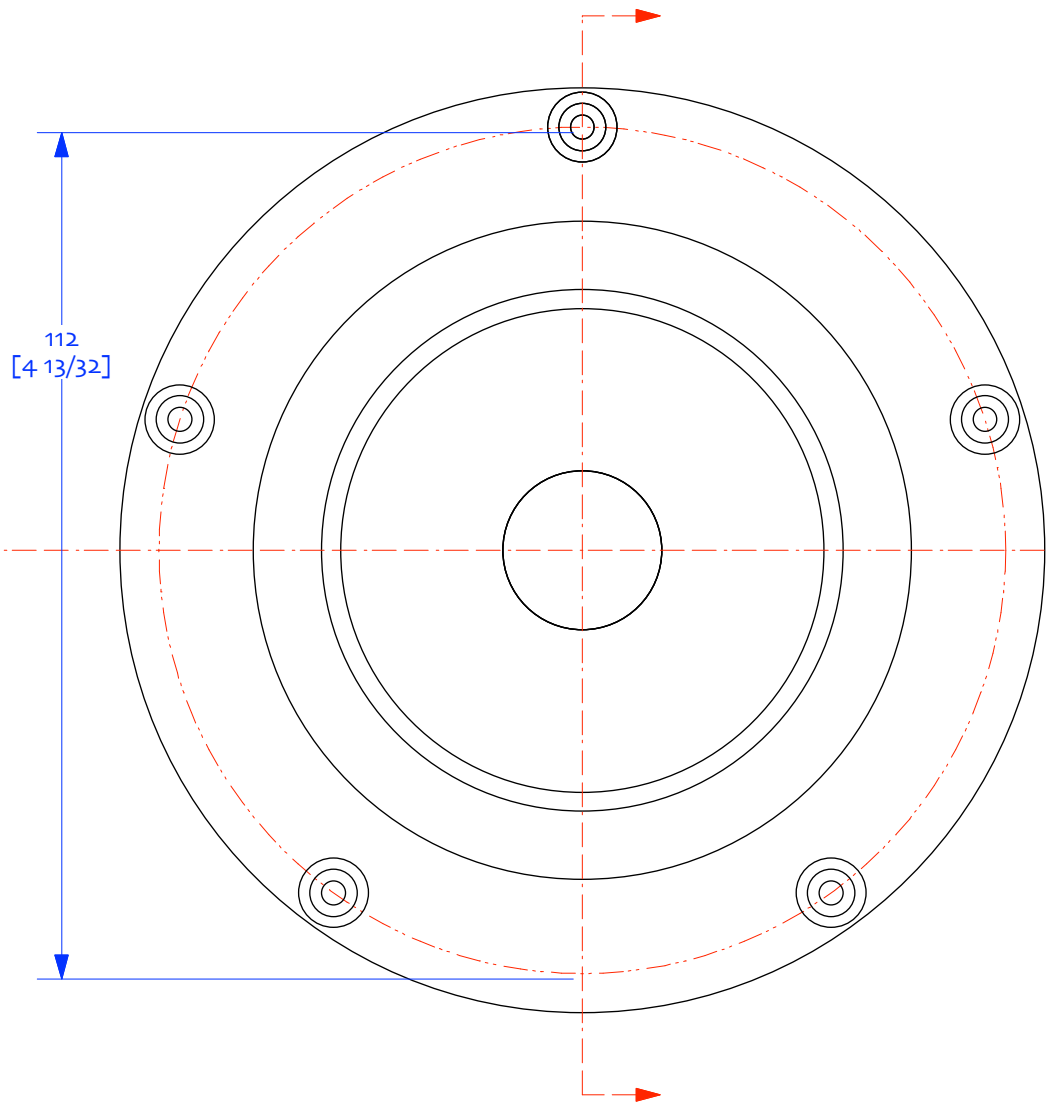
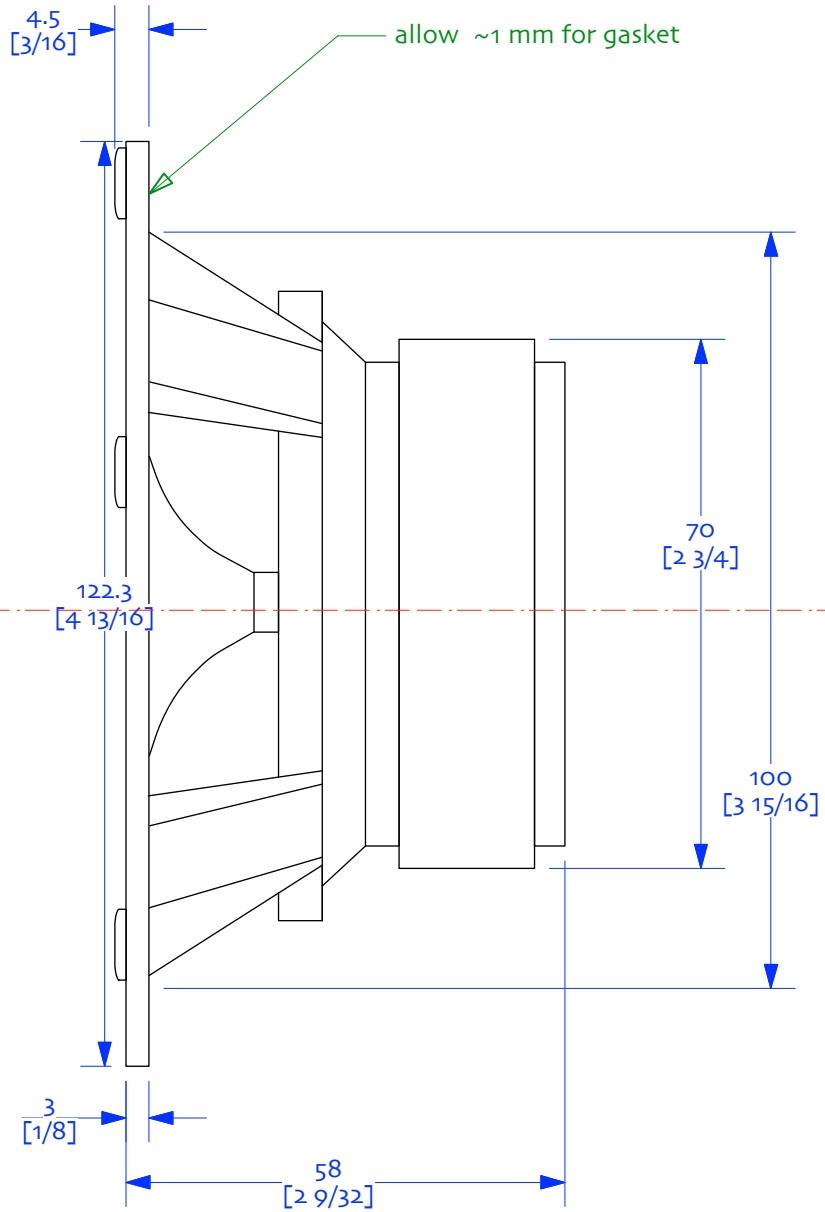


Alpair 5.x

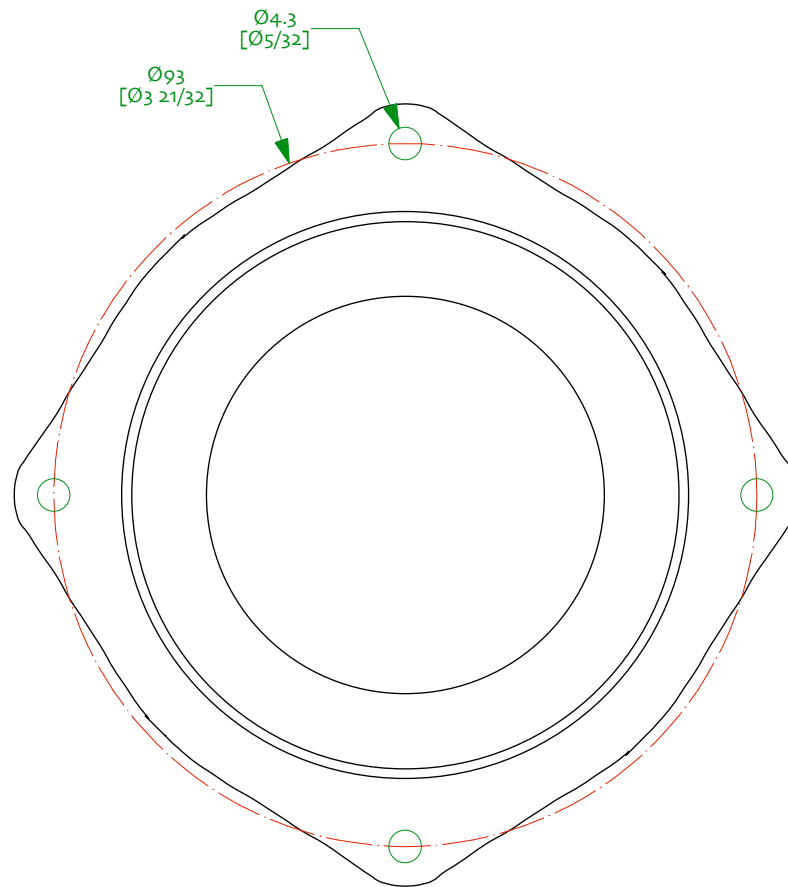
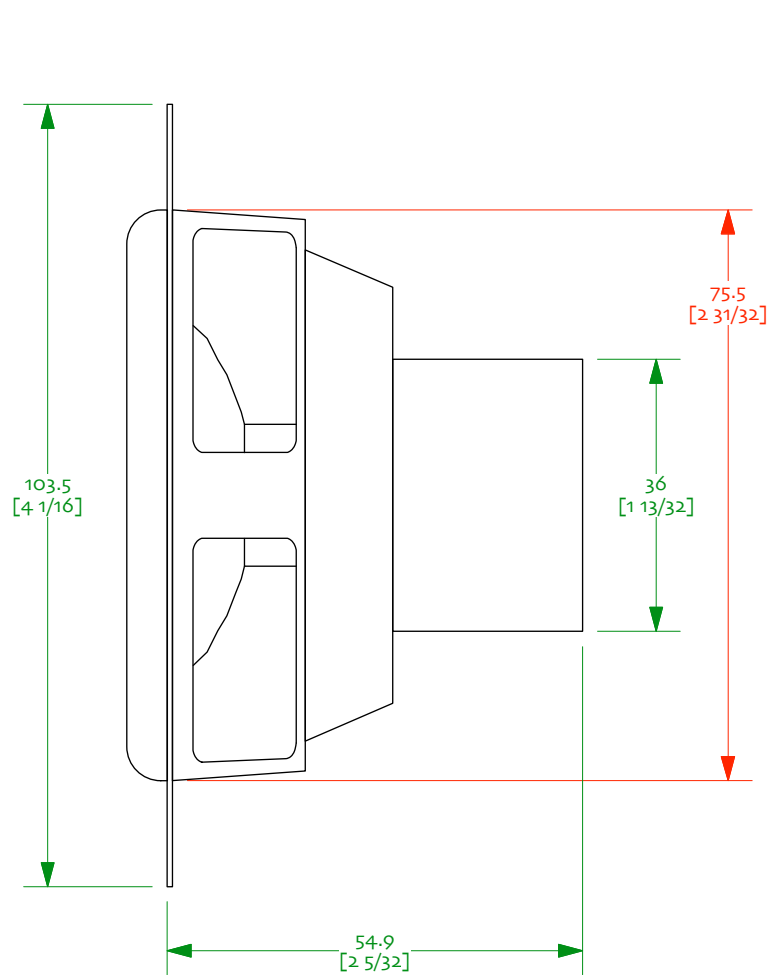
driver dimensions
drawn by dld | 19-march-2016




Alpair 6
Alpair 6.2P | 6.2M
driver dimensions
drawn by dld | 14-nov-2017



Pluvia Seven / CHS-70
 driver dimensions
 drawn by dld | 14-november-2017



Aura NS3

Dimensions ov9

24-april-2018 | drawn by D Dlugos
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