

Classic Valve Design

Cascadian DP-II

Twin Dampened Port Bass reflex Speaker System

PROTOTYPE



Design © 2005 Gregg van der Sluys
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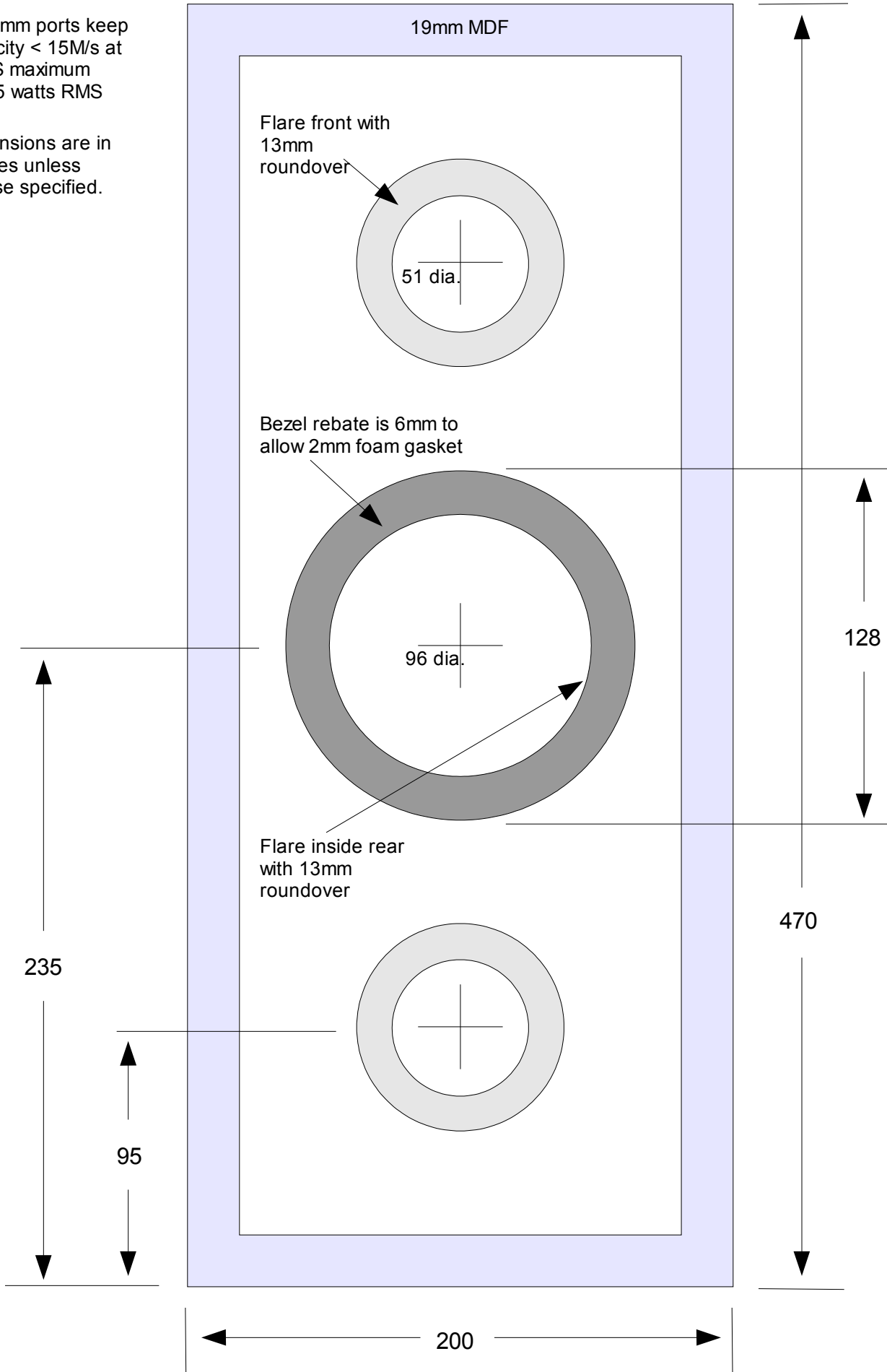
Front



= Panel edges behind section

Dual 51mm ports keep air velocity < 15M/s at FR125S maximum rated 25 watts RMS power.

All dimensions are in millimetres unless otherwise specified.

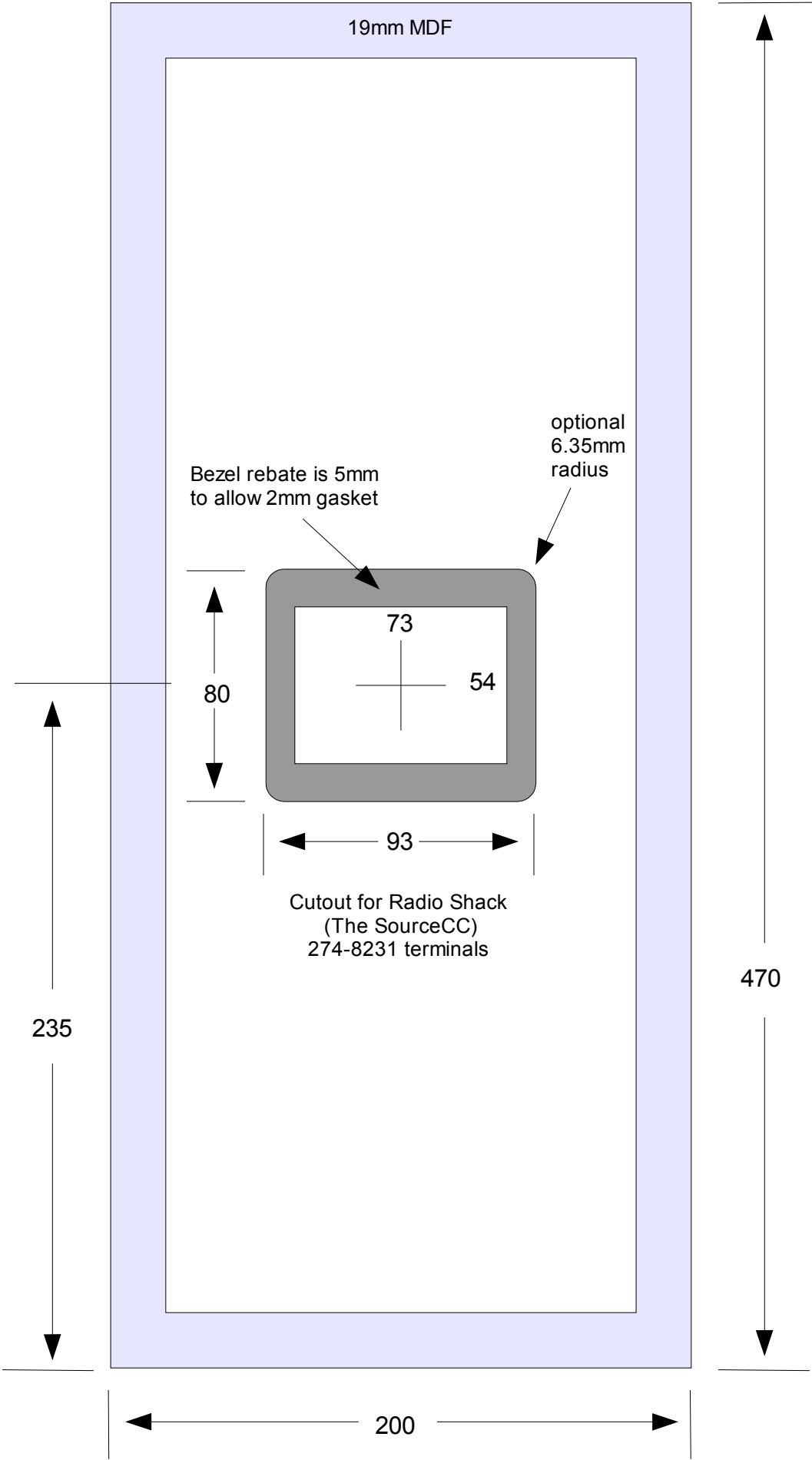




= Panel edges behind section

Rear

Scale: 2:1

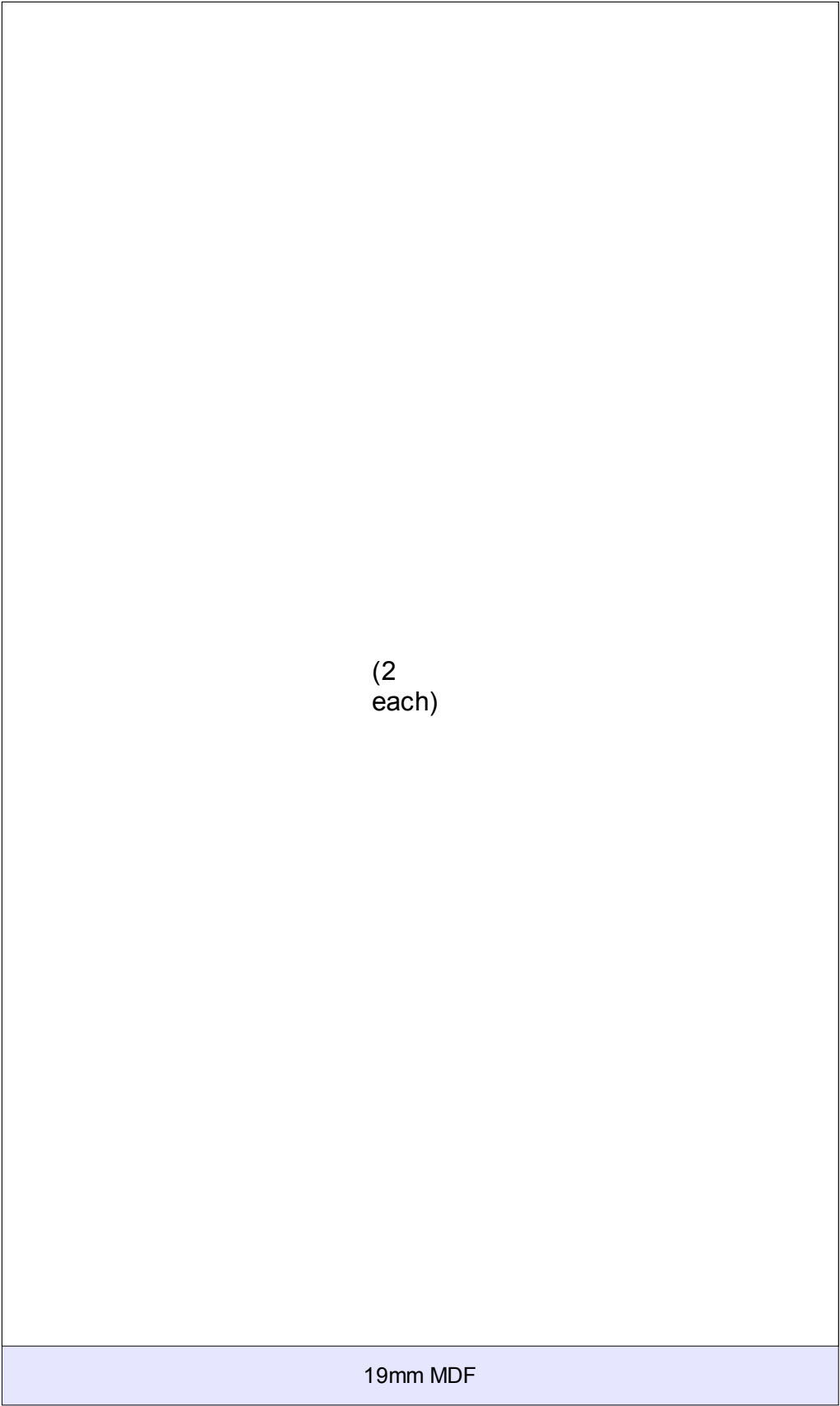




= Panel edges behind section

Sides

Scale: 2:1



(2
each)

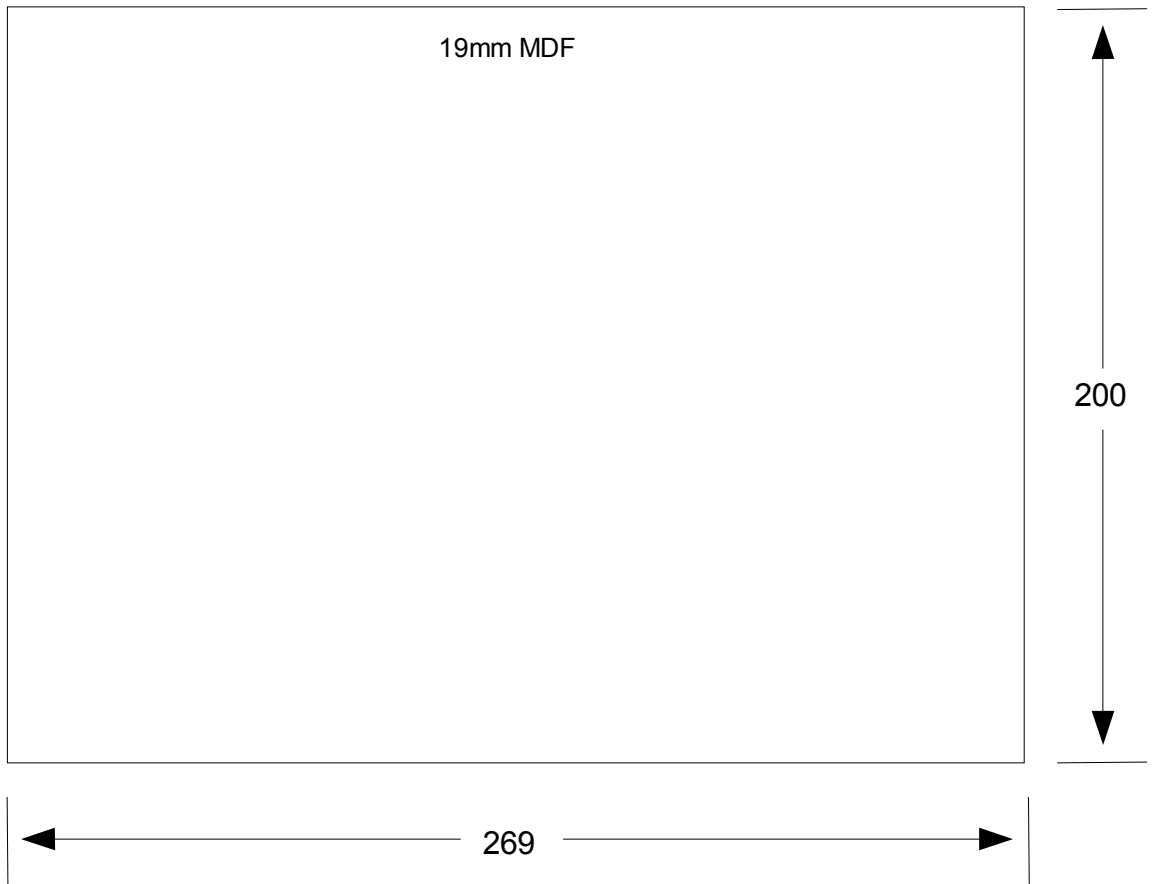
451

19mm MDF

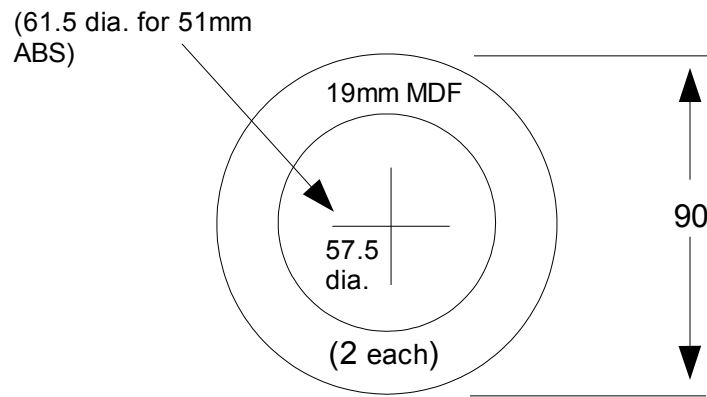
269

Top and Bottom

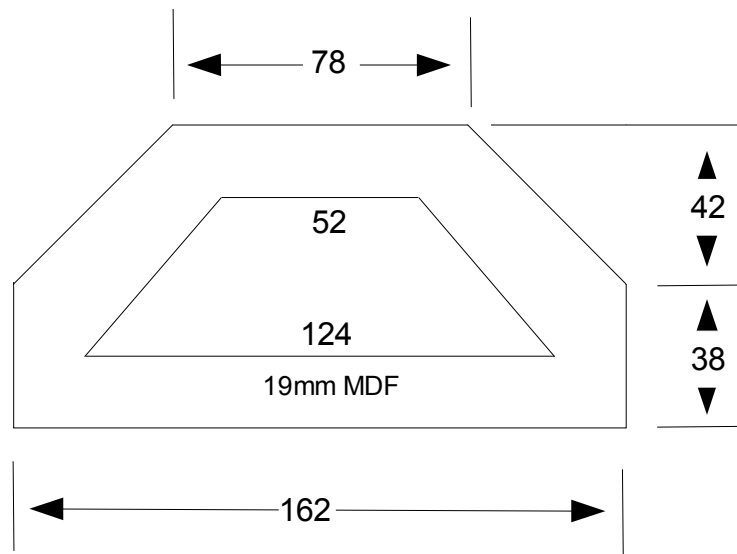
Scale: 2:1



Mounts and Braces



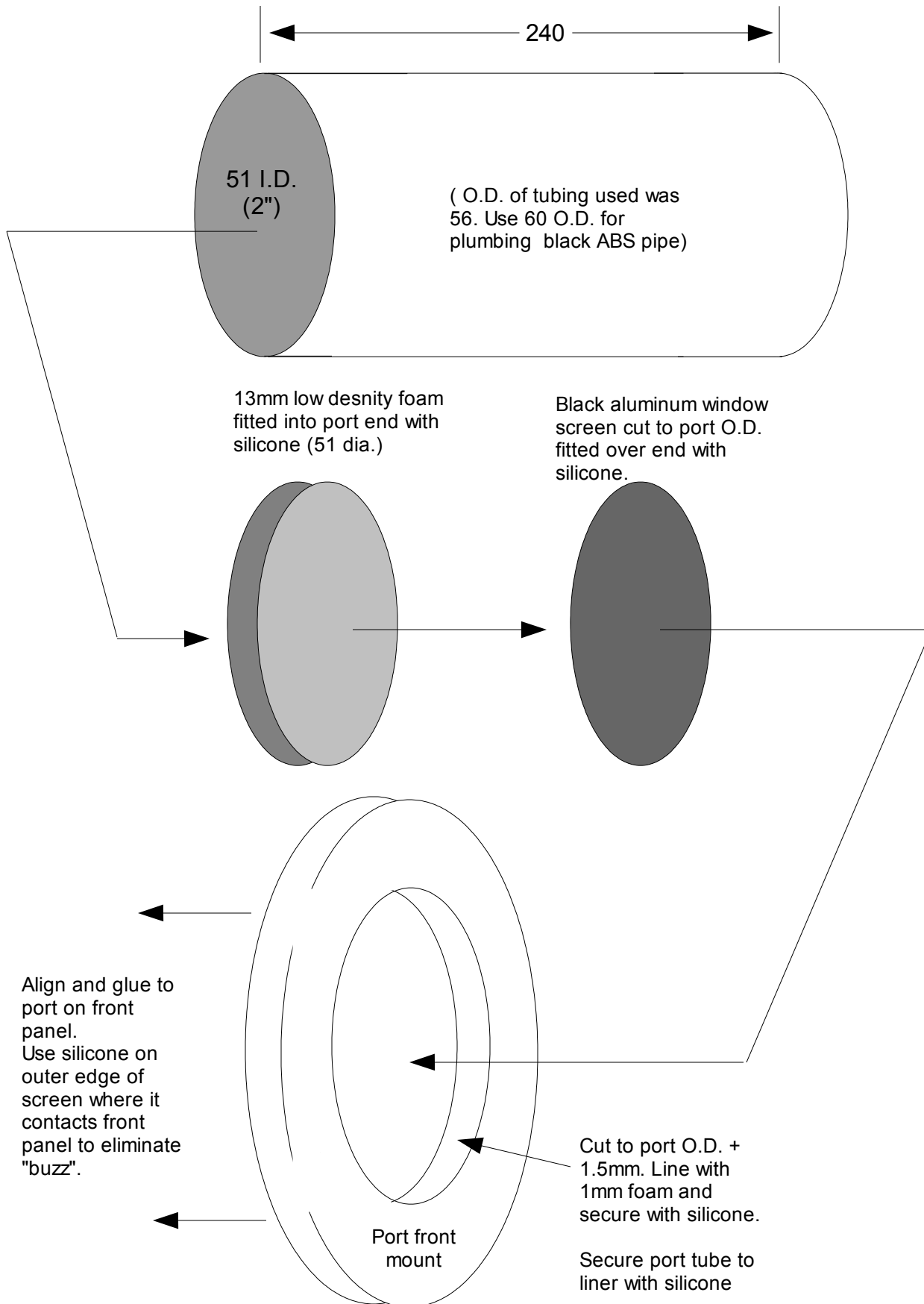
Port front
mount



Speaker Brace

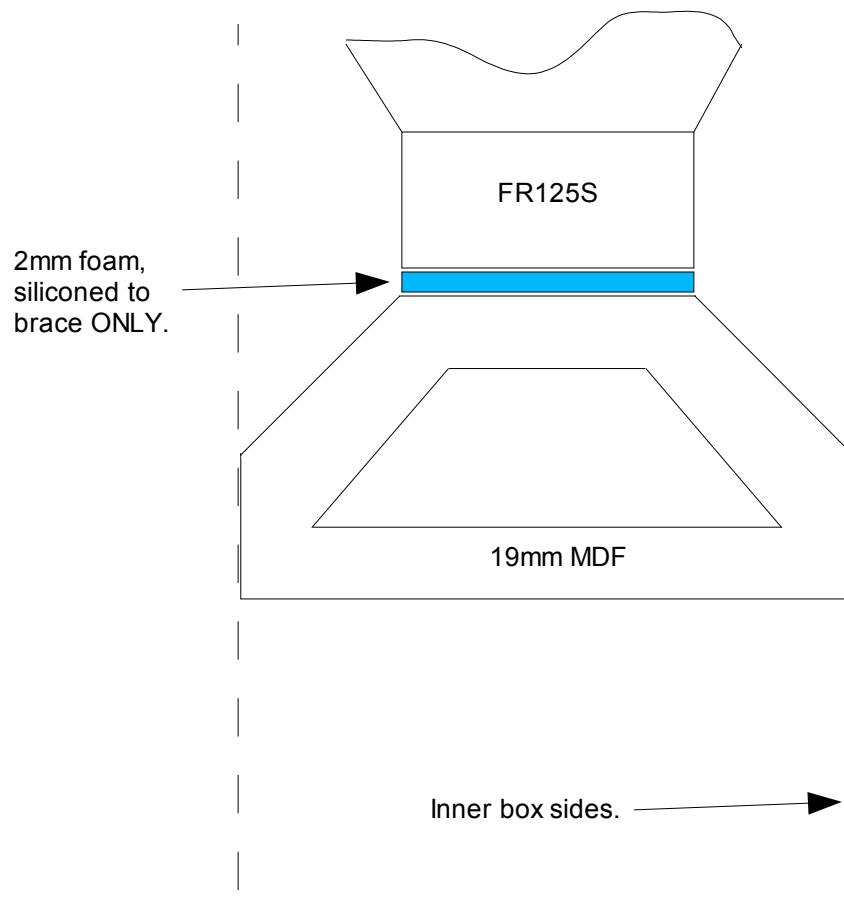
DP Assembly

(Not to Scale)



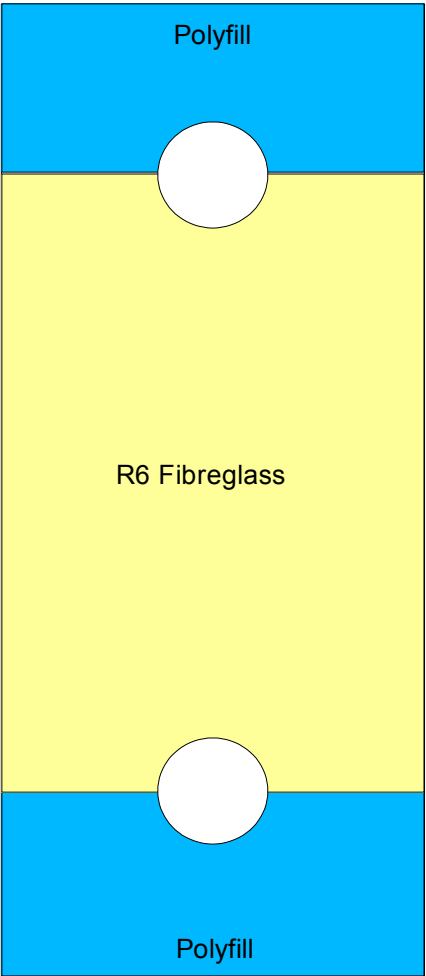
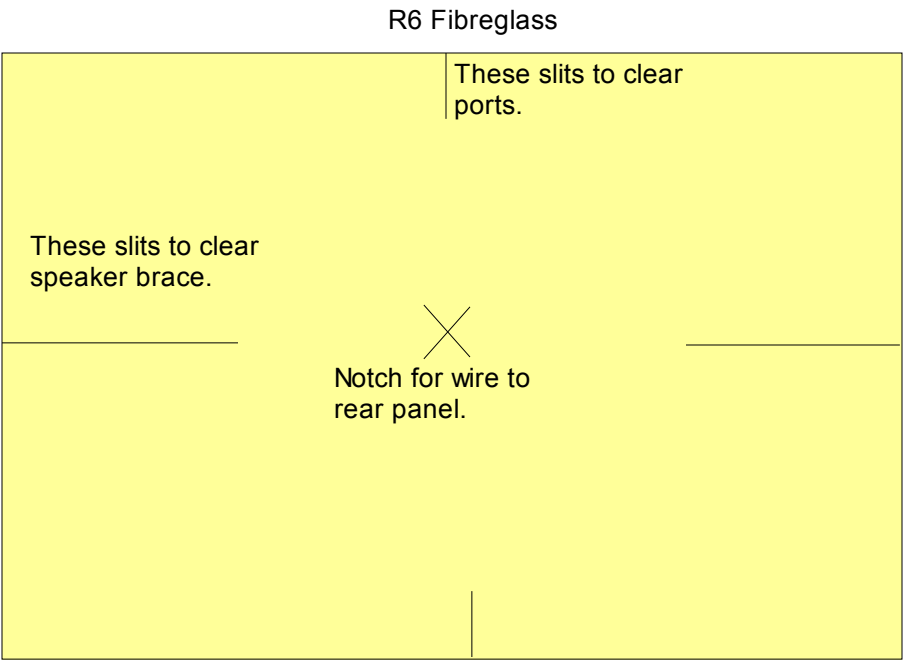
Speaker Brace

(Not to Scale)



Box Stuffing
(Not to Scale)

Rear View



Polyfill is medium density stuffed and the fiberglass is bent to a "U" shape, cupping the interior behind the FR125S.

Side View

