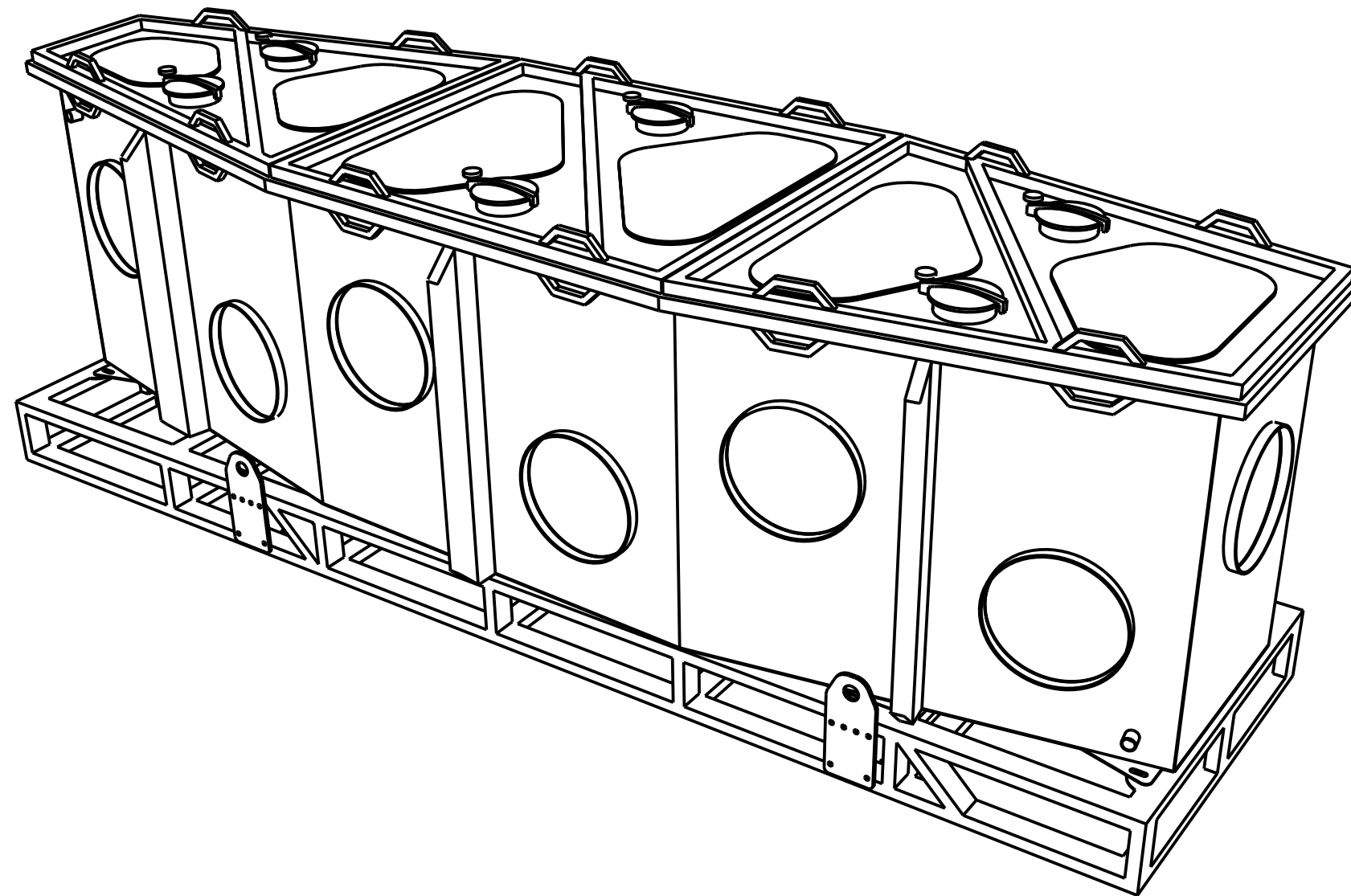
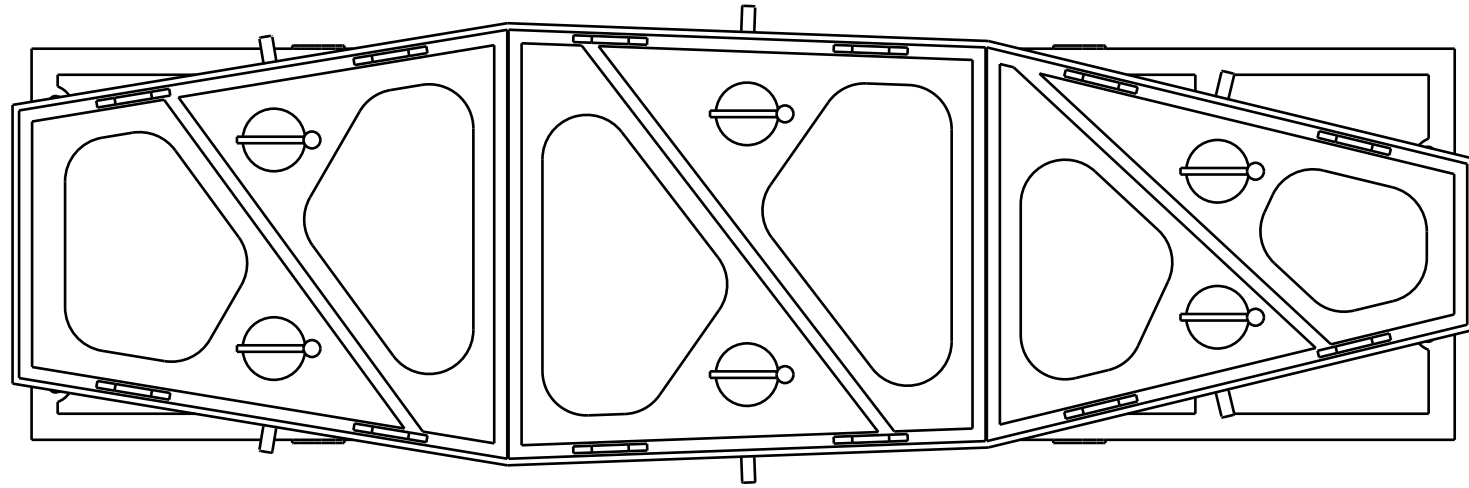


Megamouth Relocation Project -

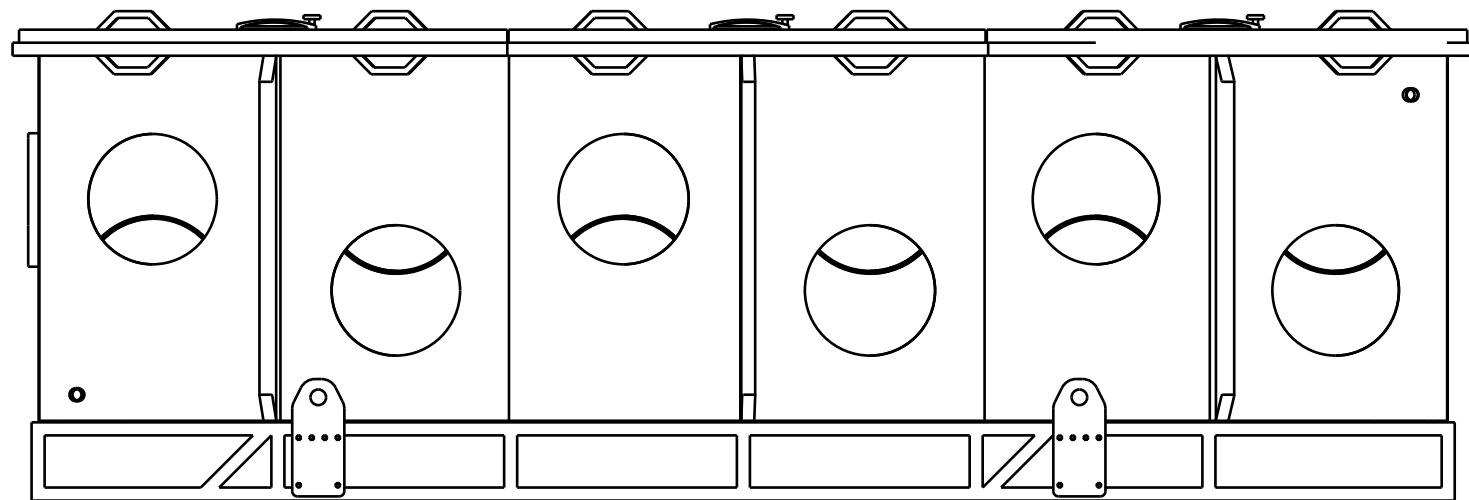
Specimen tank February 2010



3 x covers - 50 x 50 x 2 mm S.S.tube and 2.0 mm sheet, laminated glass viewing windows.

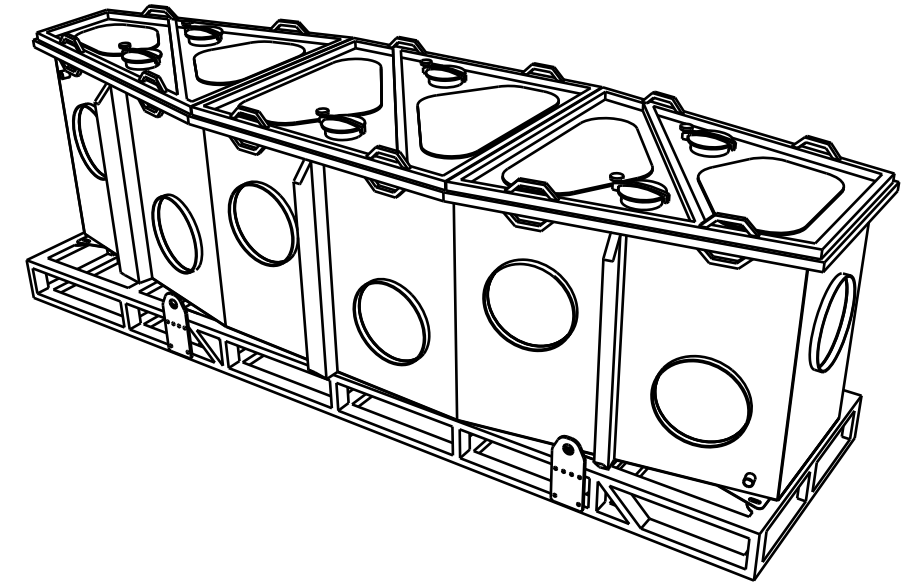


overall size - 5606mm long x 1877mm high x 1830mm wide



support base of 100 x 50 x 2 mm 304 stainless steel tube

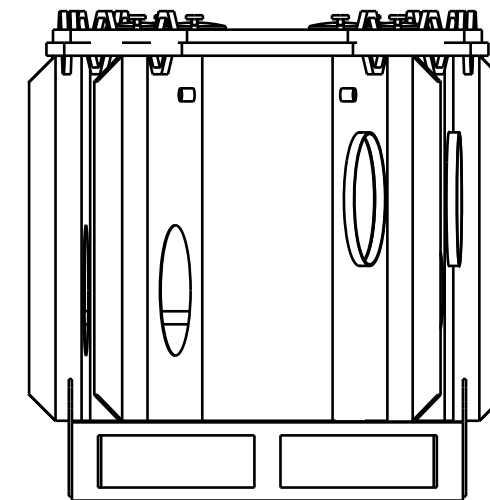
main tank of 304 stainless steel sheet 3.0 mm and laminated glass windows



Fluid statistics -

total volume = 8.9 m3

mass (60% glycerol) = 10,300 kg



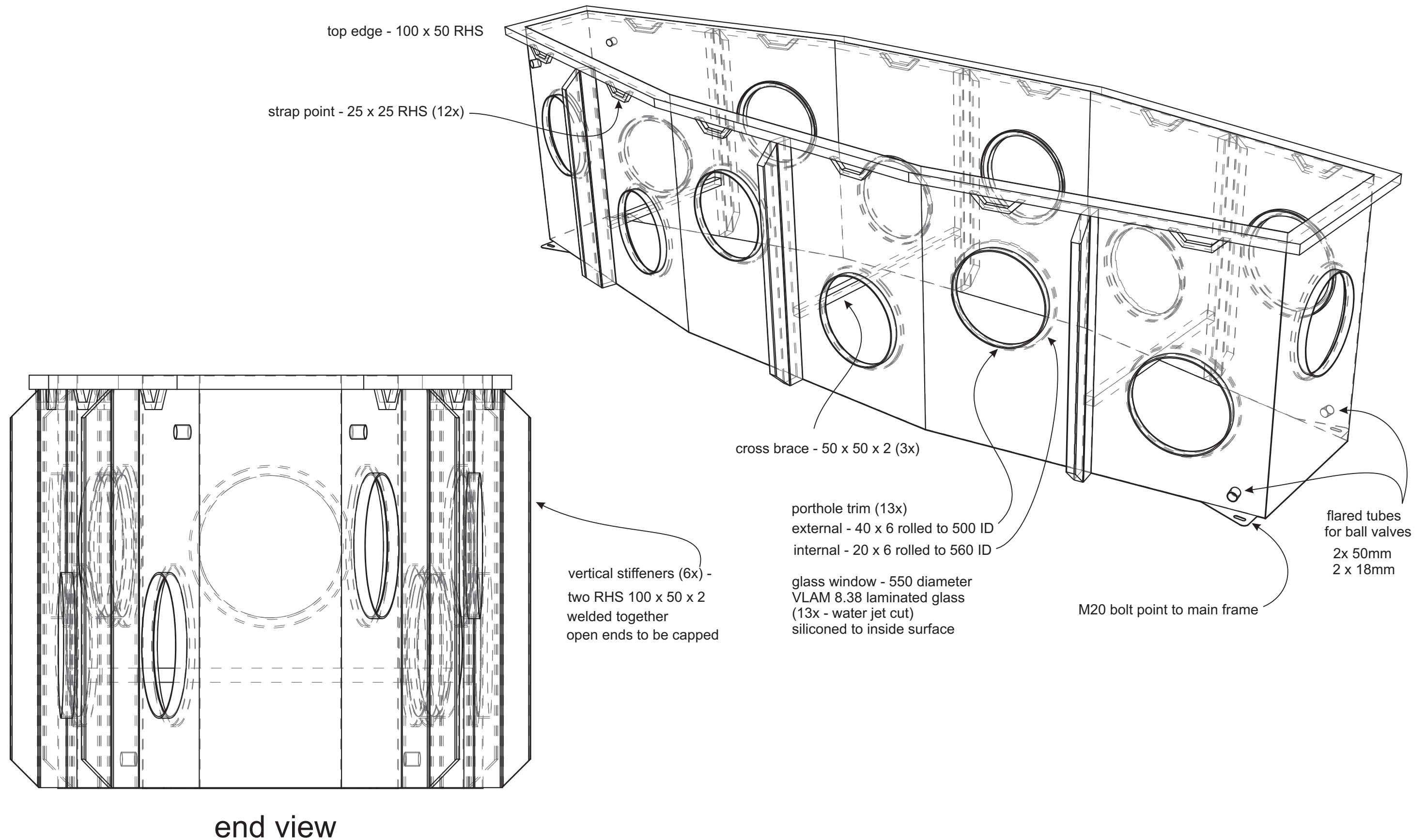
Enclosure statistics -

support base = 260 kg

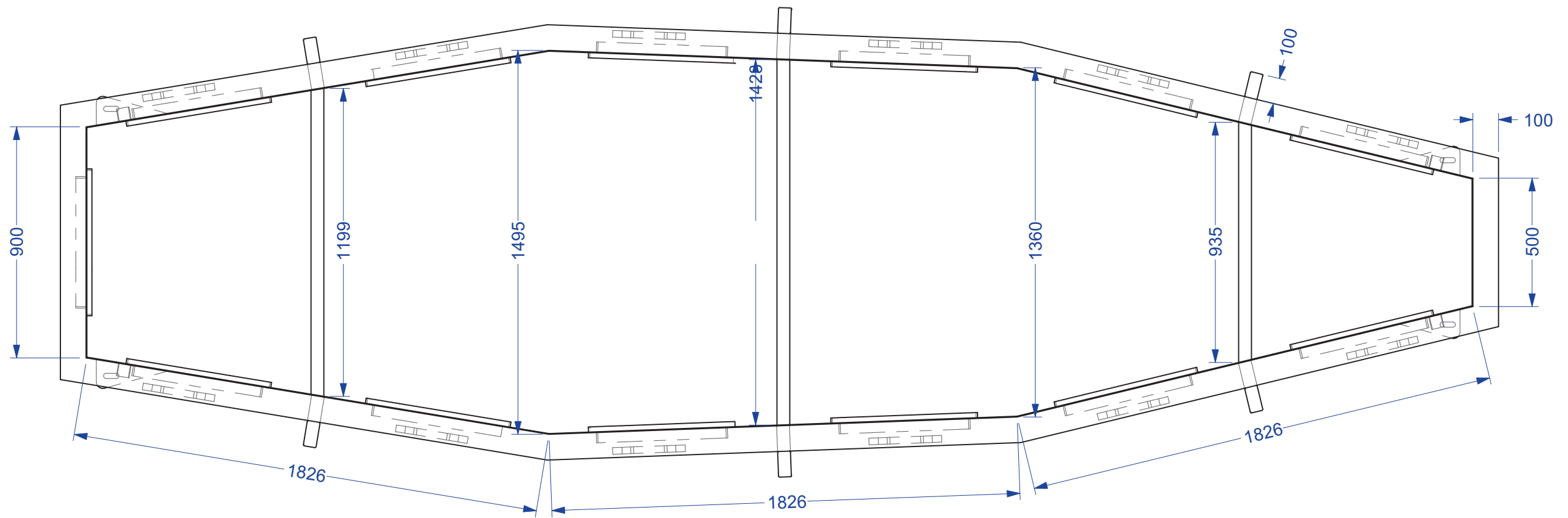
main tank = 750 kg

covers = 150 kg

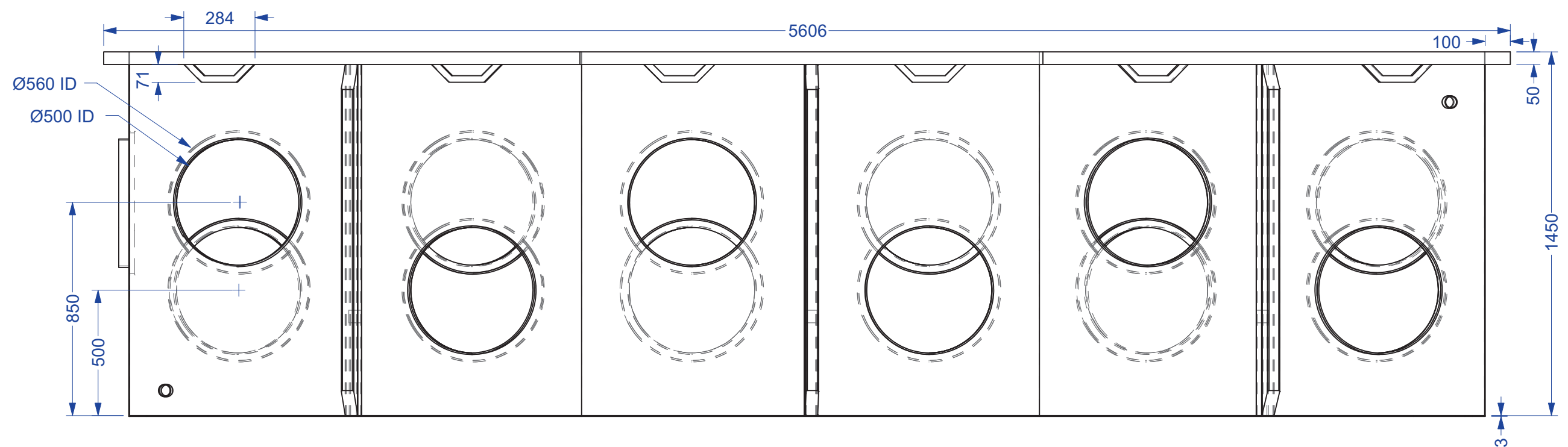
tank component



tank component

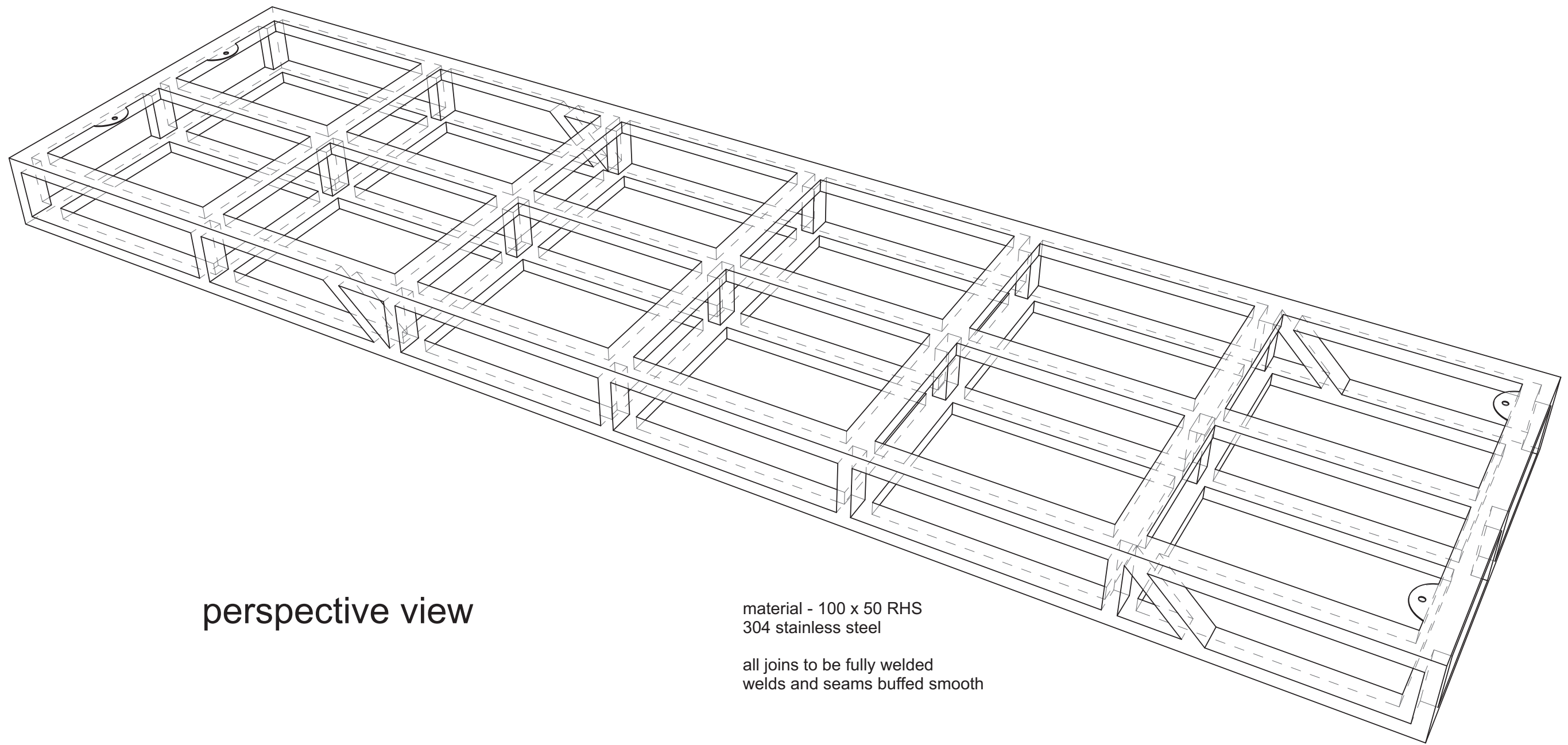


plan view



side view

sub-frame component



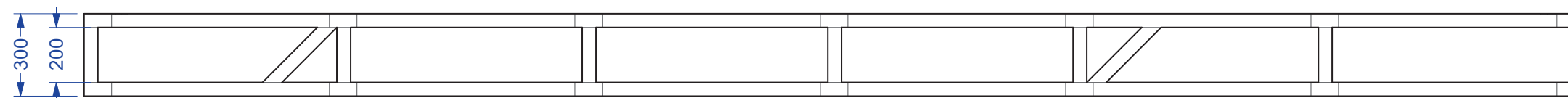
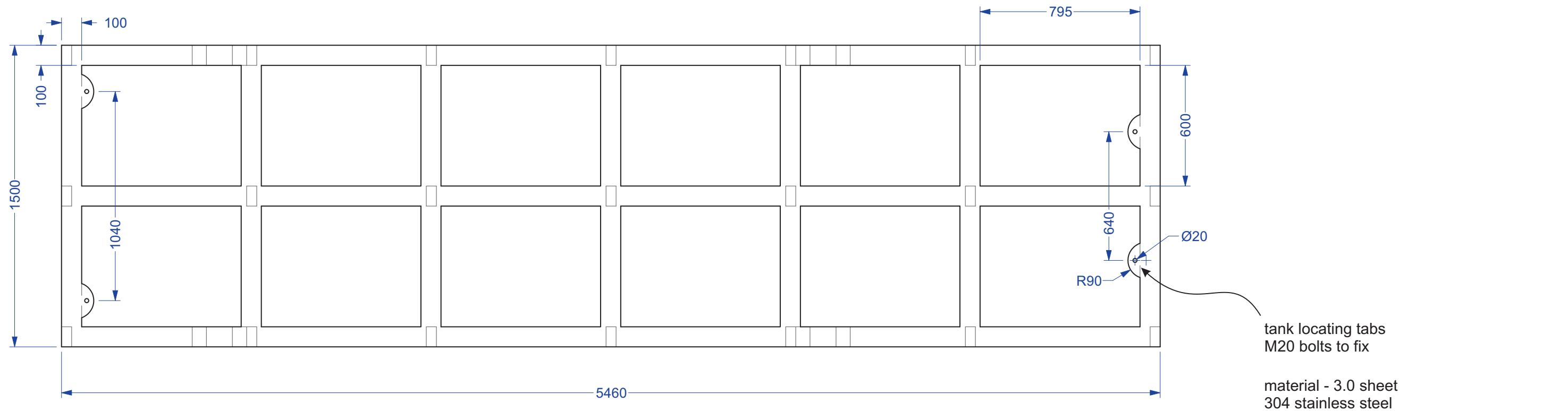
perspective view

material - 100 x 50 RHS
304 stainless steel

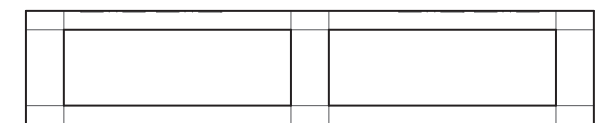
all joins to be fully welded
welds and seams buffed smooth

sub-frame component

plan view

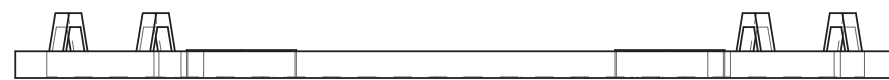
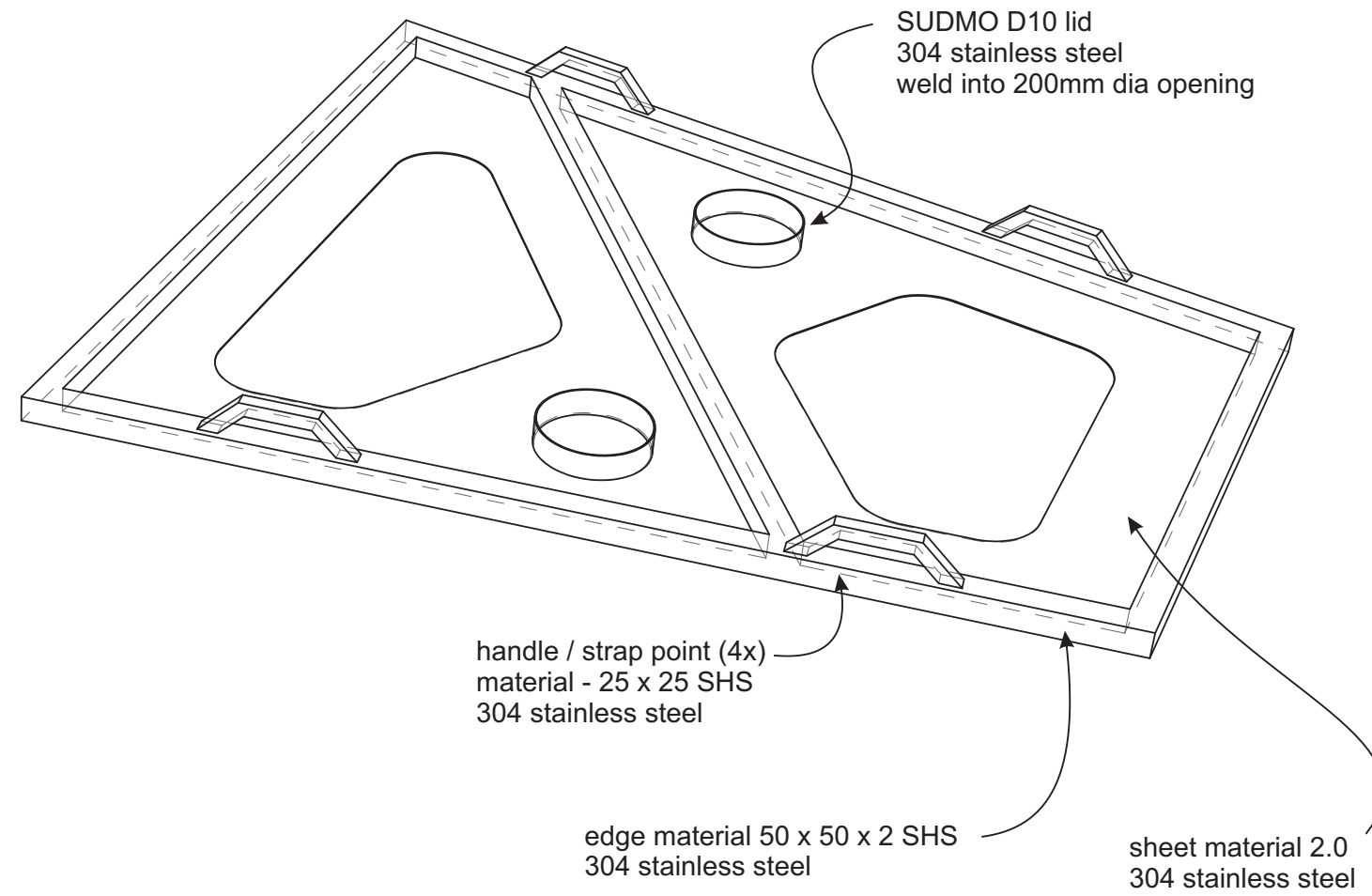


side view



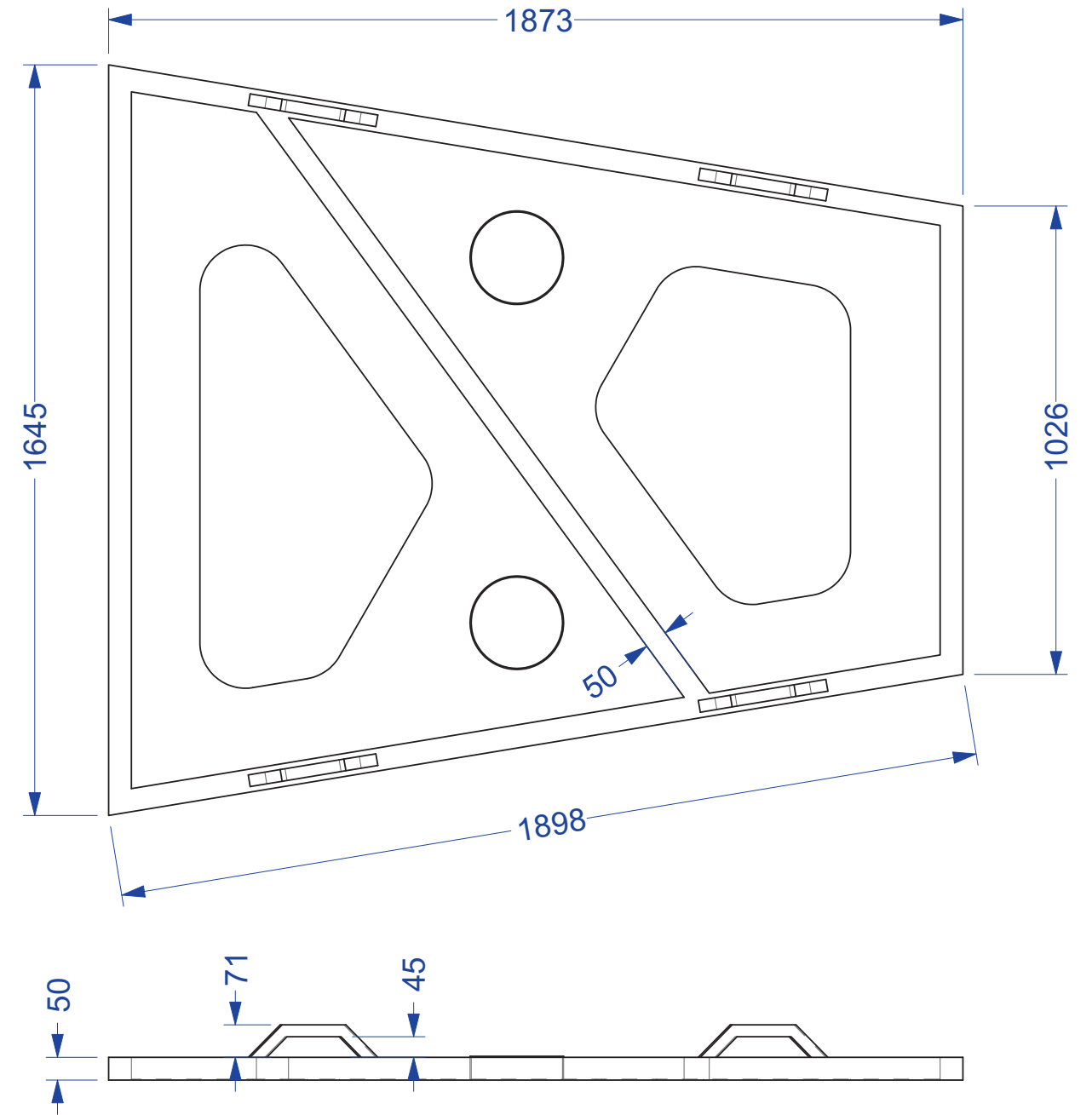
end view

cover - front



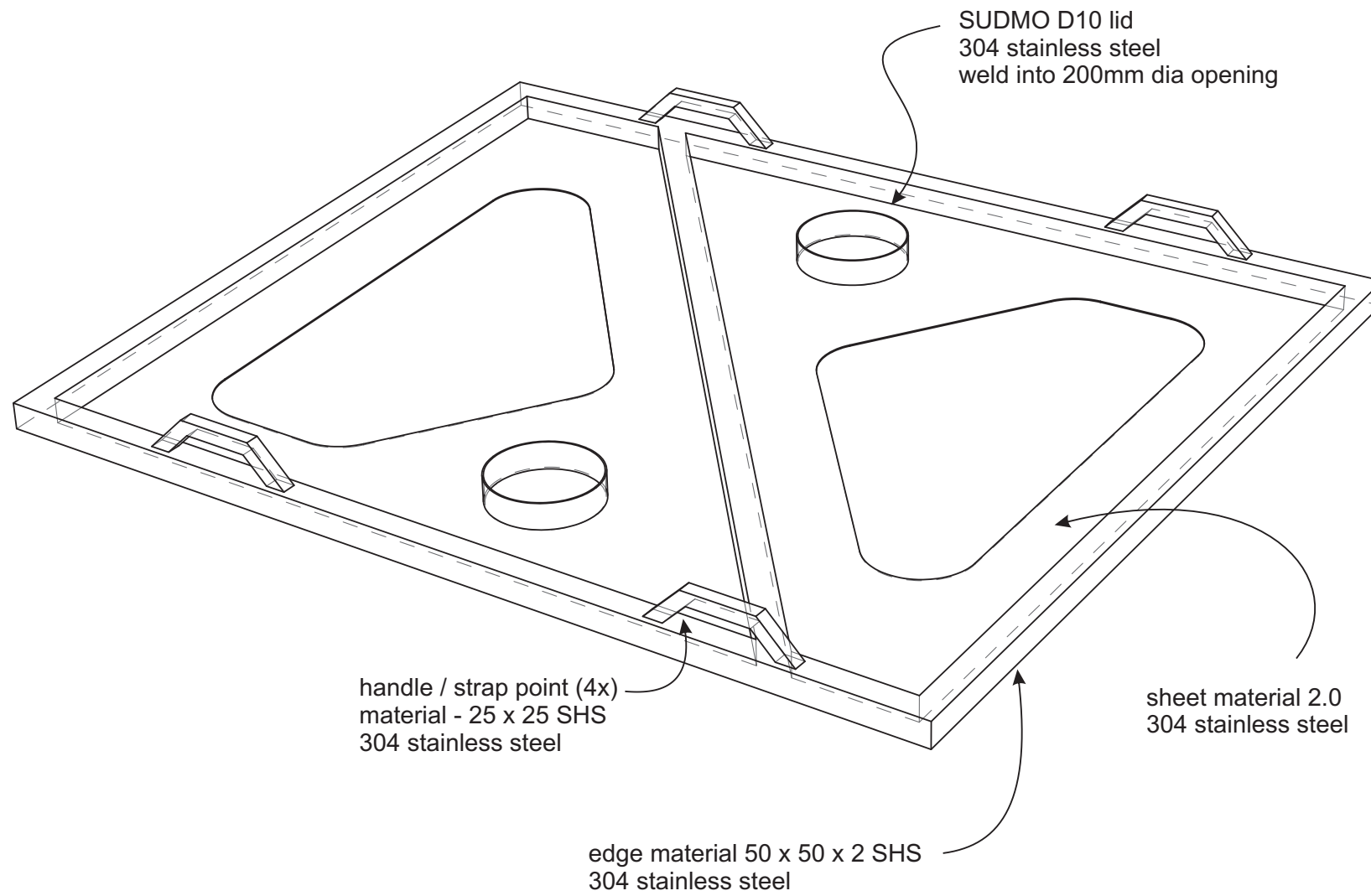
end view

plan view

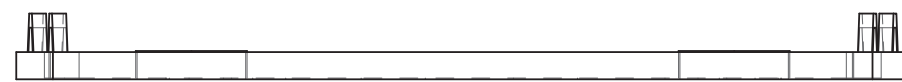
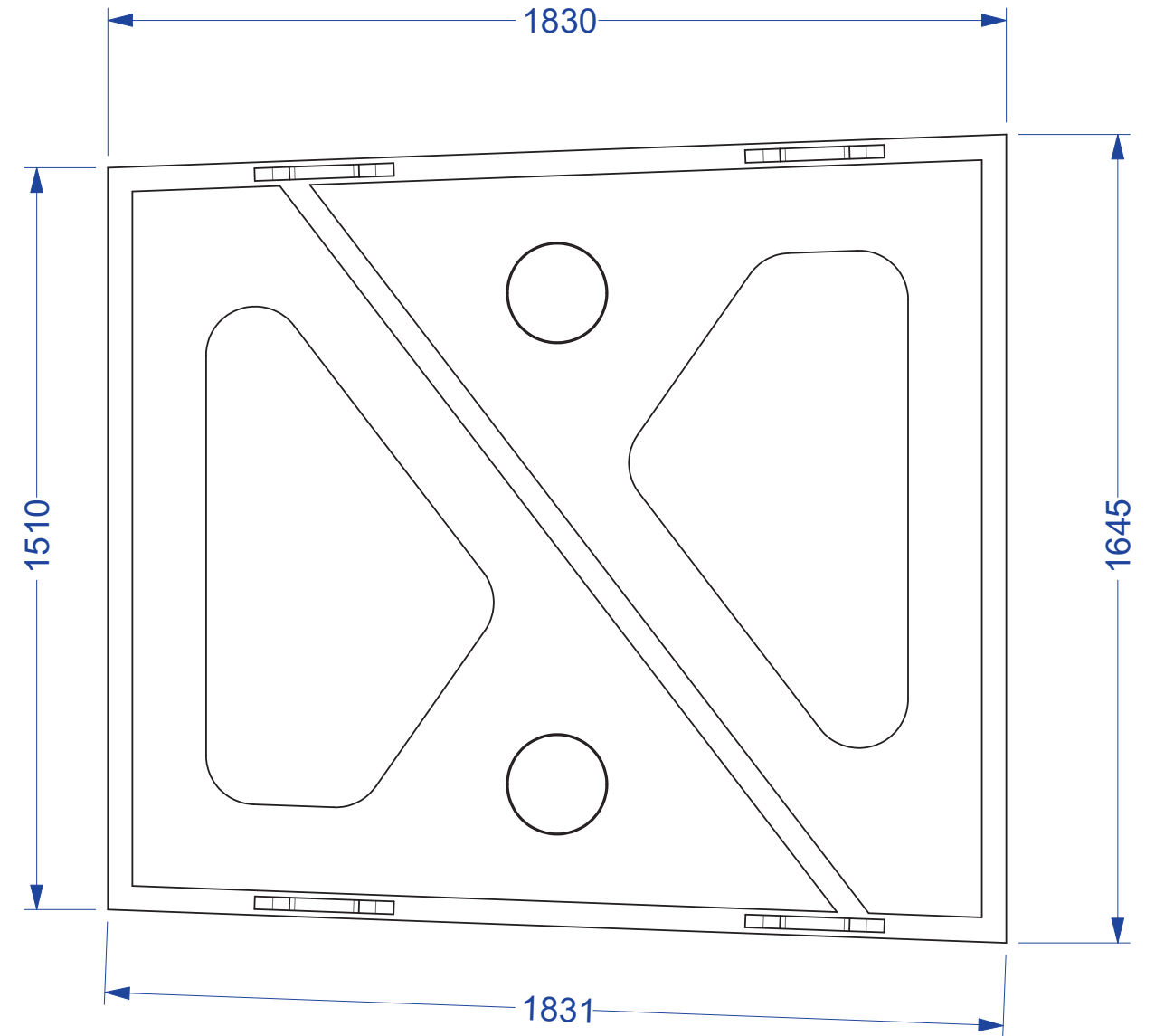


side view

cover - middle



plan view

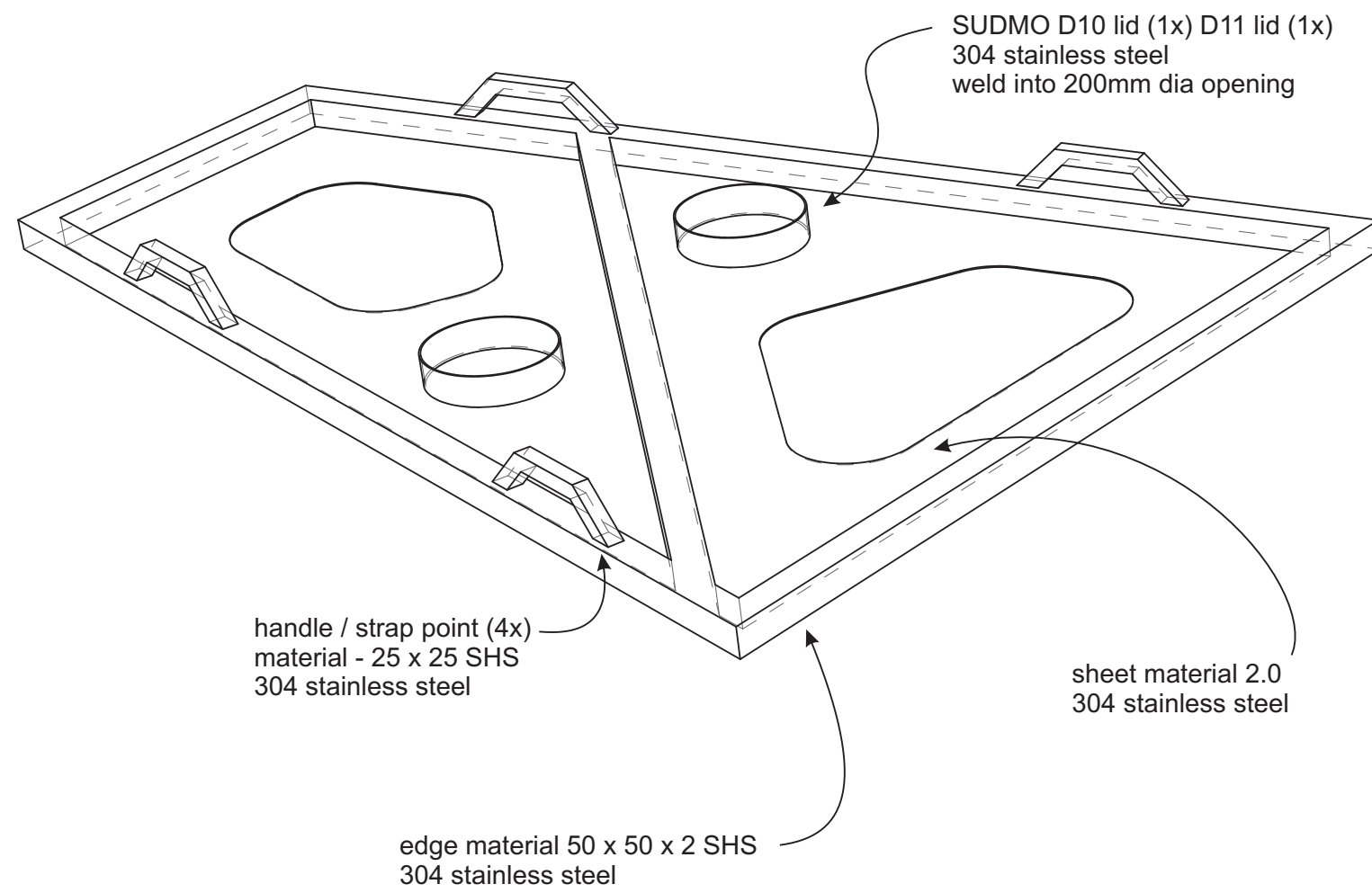


end view

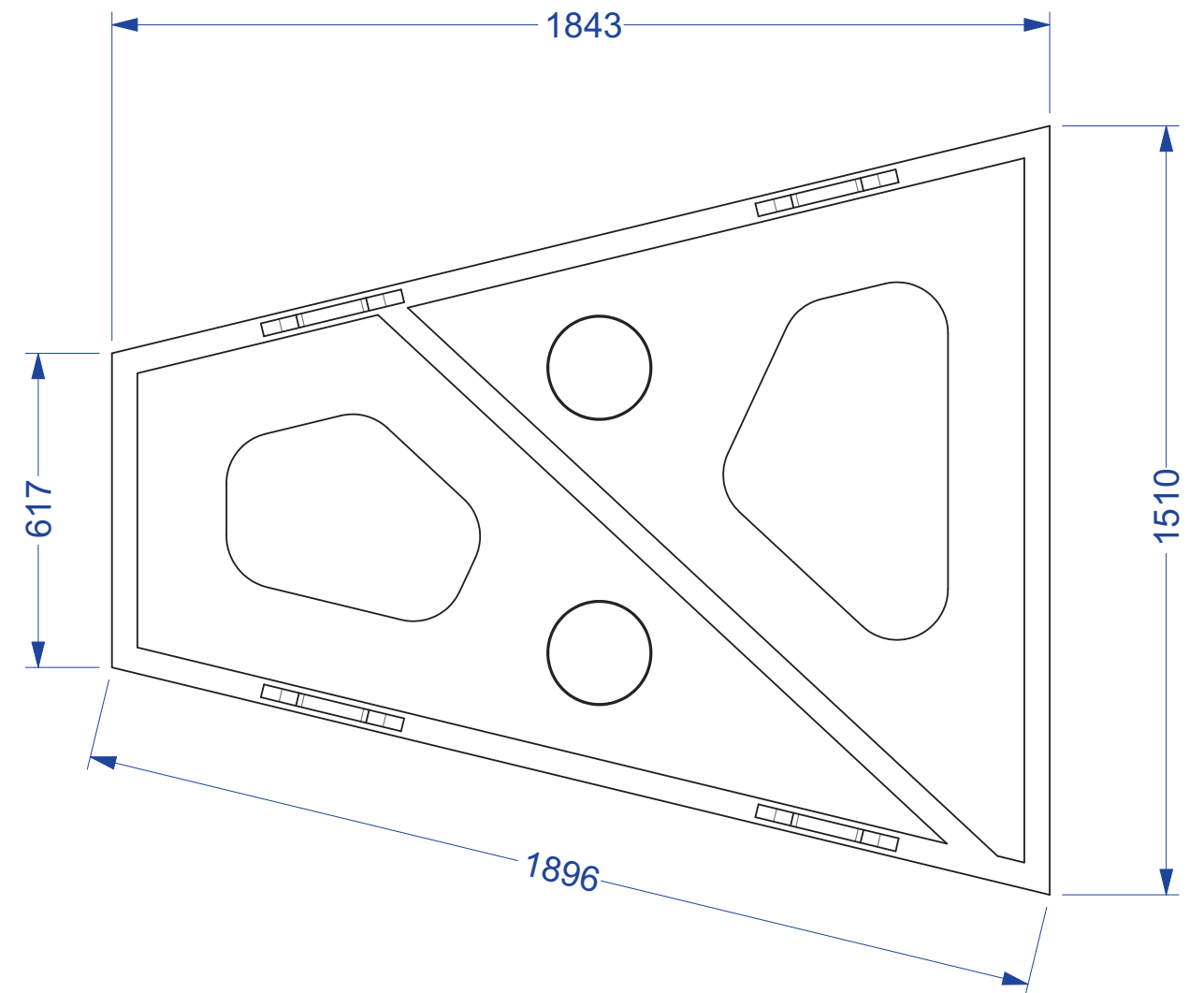


side view

cover - tail



plan view

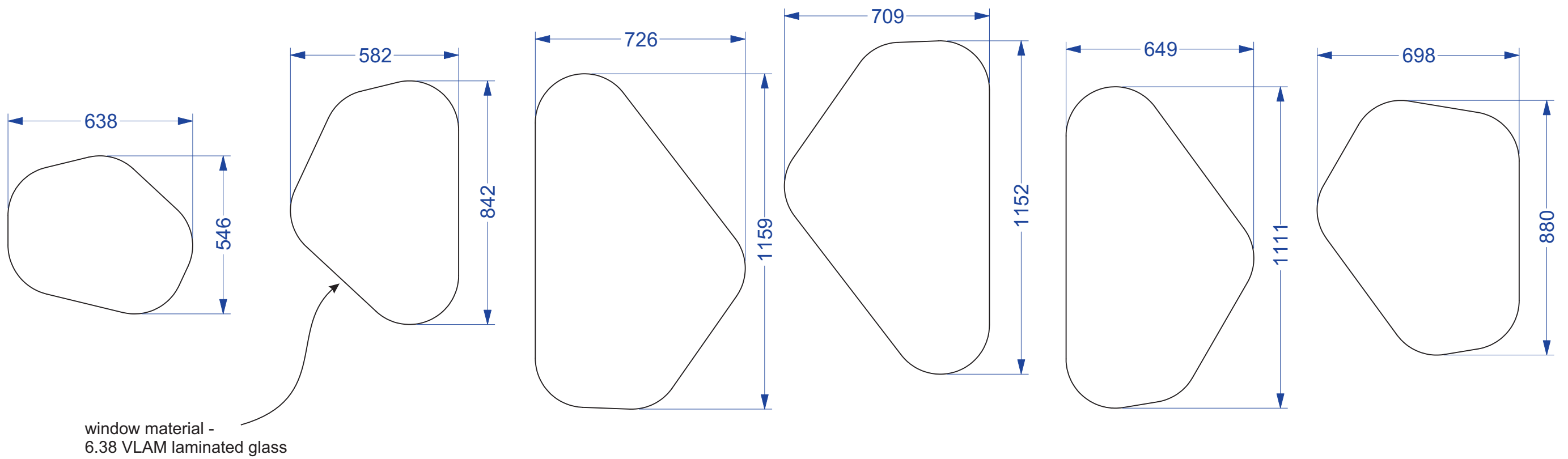
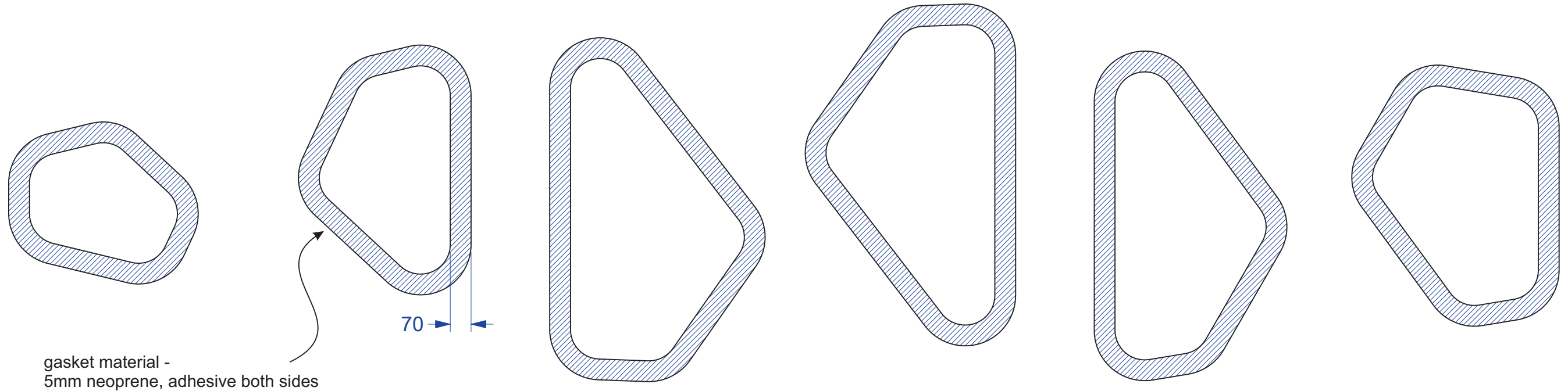


end view

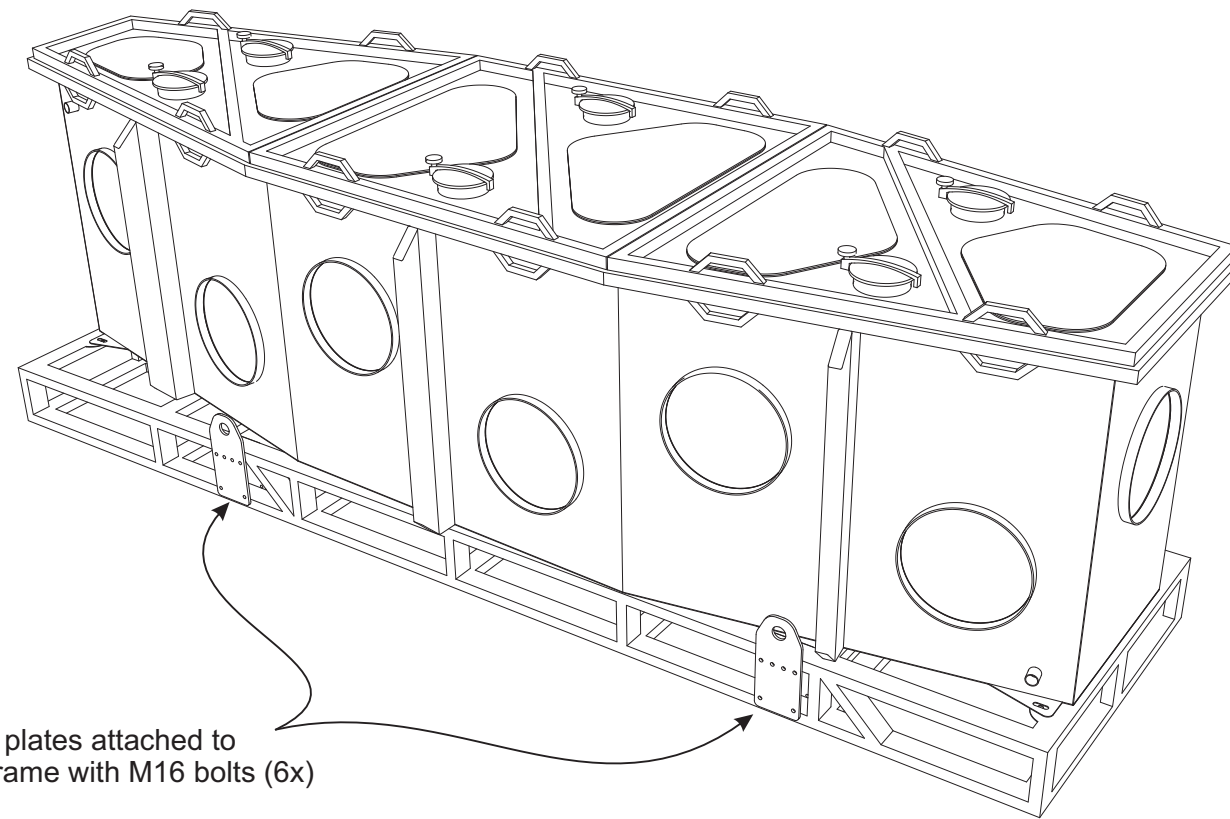


side view

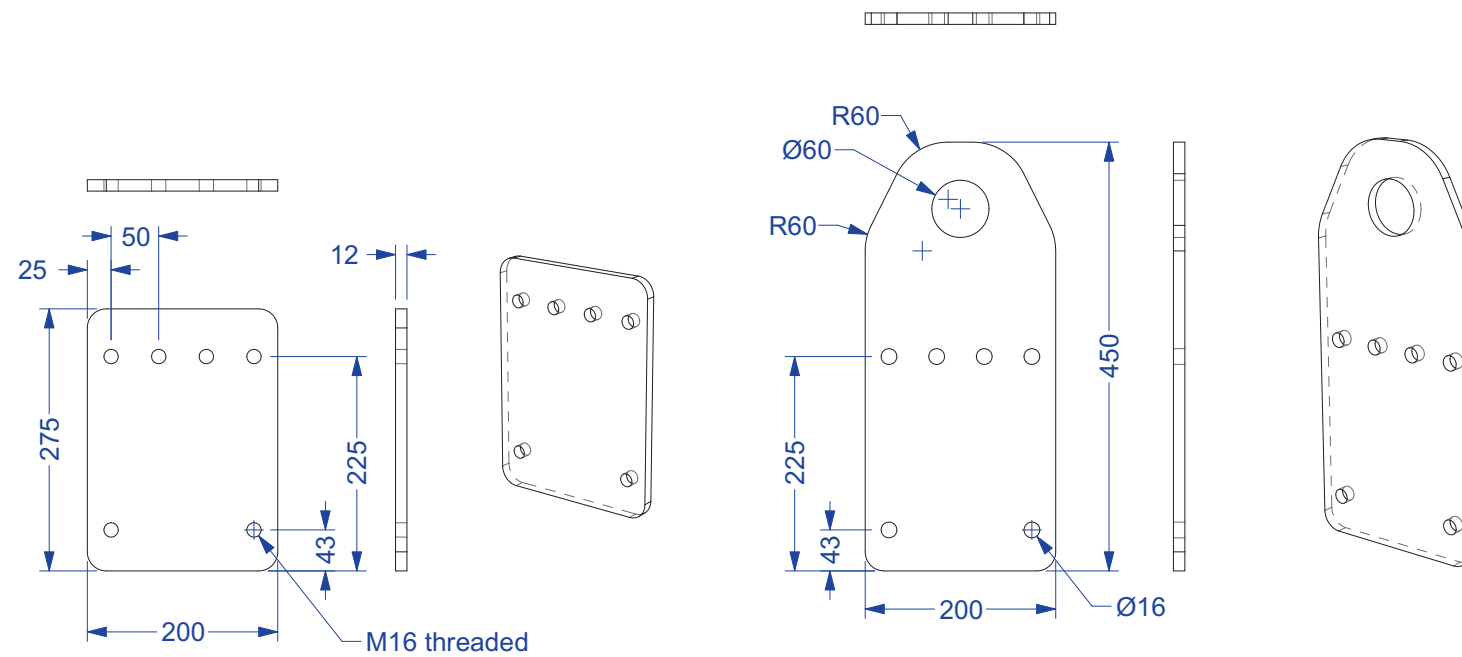
top covers - windows and gaskets



sub-frame lifting plates



lifting plates attached to sub-frame with M16 bolts (6x)



inner lifting plate (4x)
material - 12mm plate
304 stainless steel

outer lifting plate (4x)
material - 12mm plate
304 stainless steel