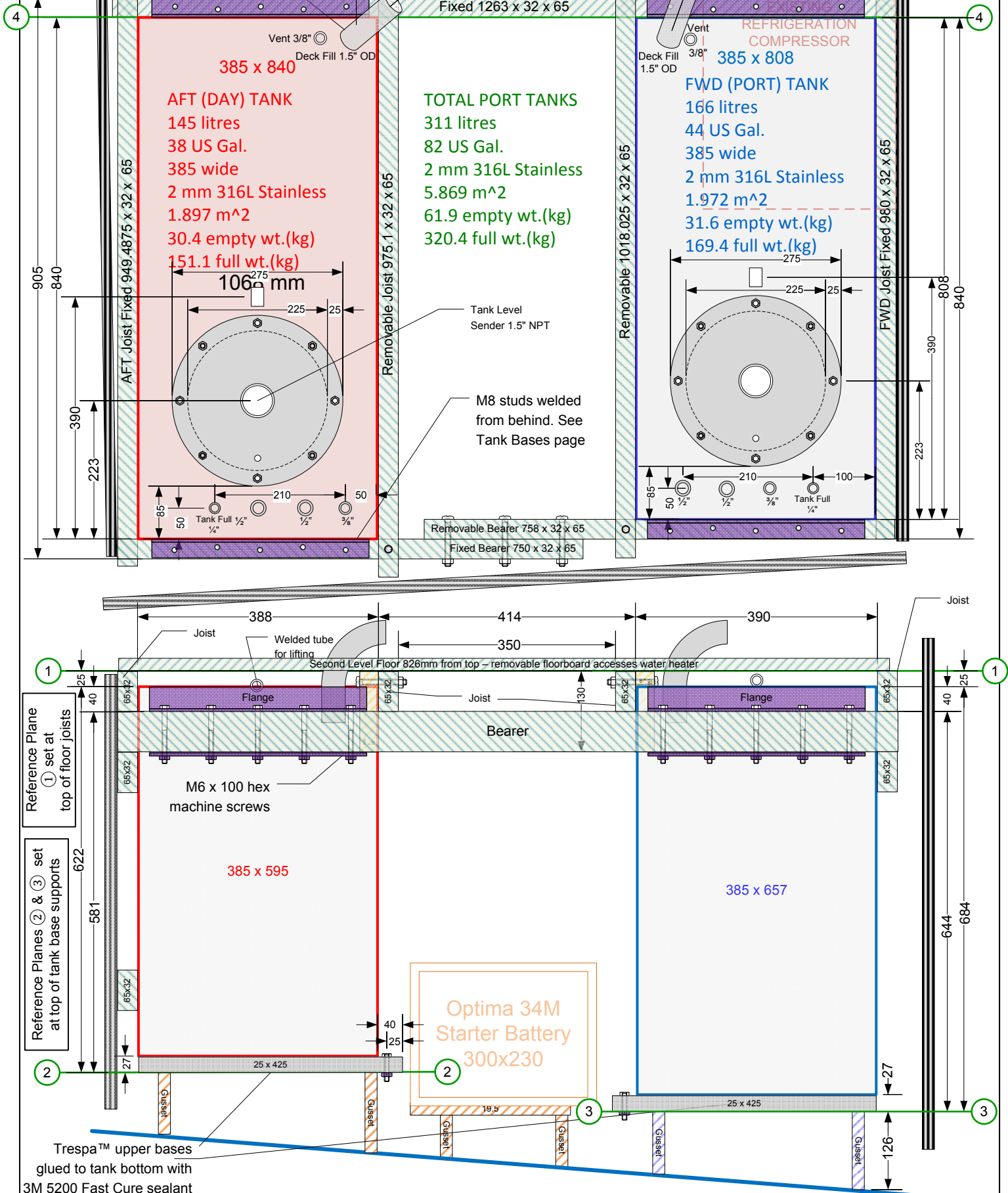
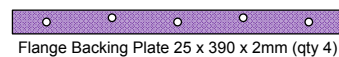


3/8" NPT 316 Stainless Steel Half Coupling Pipe Thread Weld Bung  
 1.5" NPT 316 Stainless Steel Half Coupling Pipe Thread Weld Bung

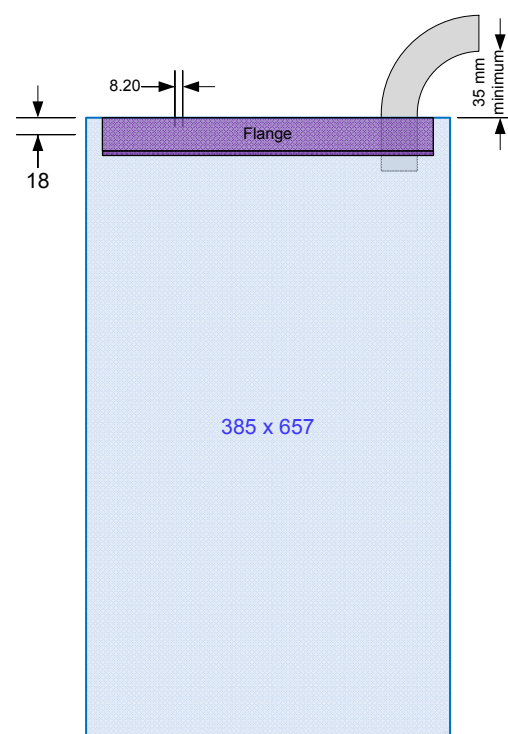
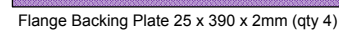
Must fit 400 x 940  
 cockpit locker opening







38 US Gal.

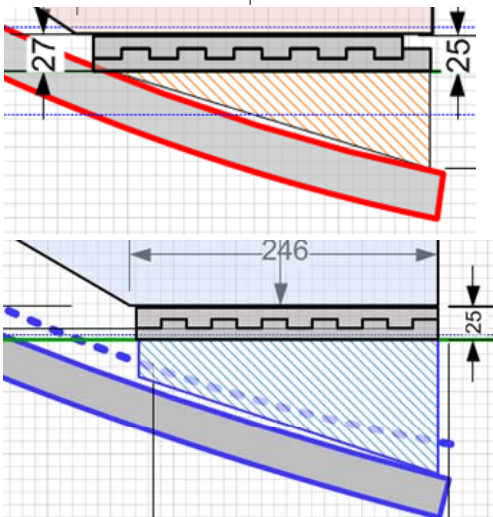
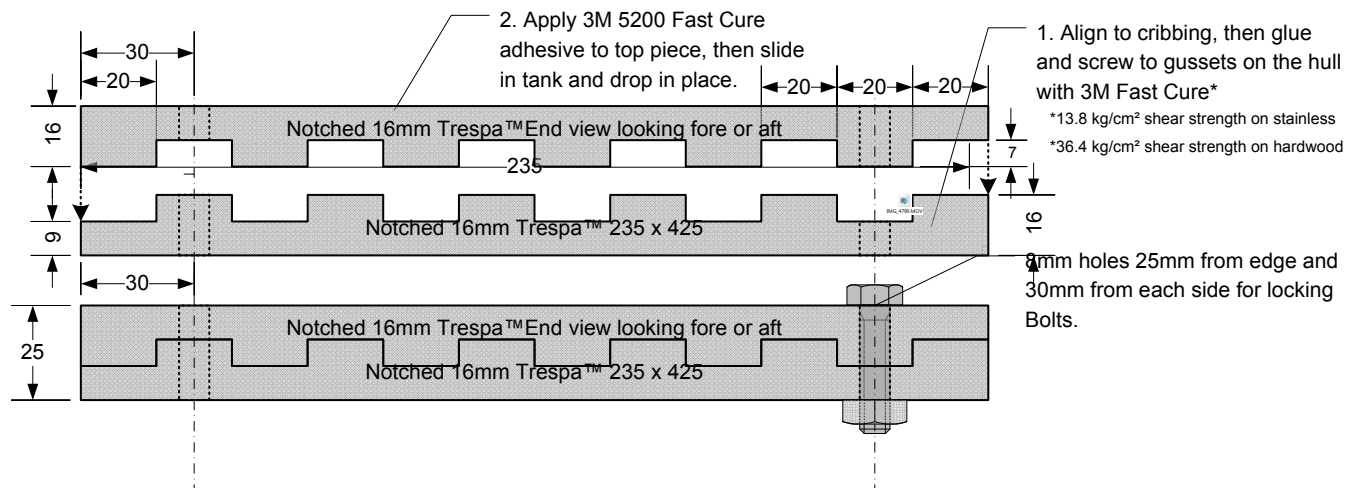


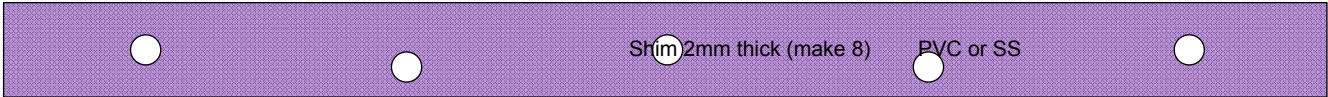
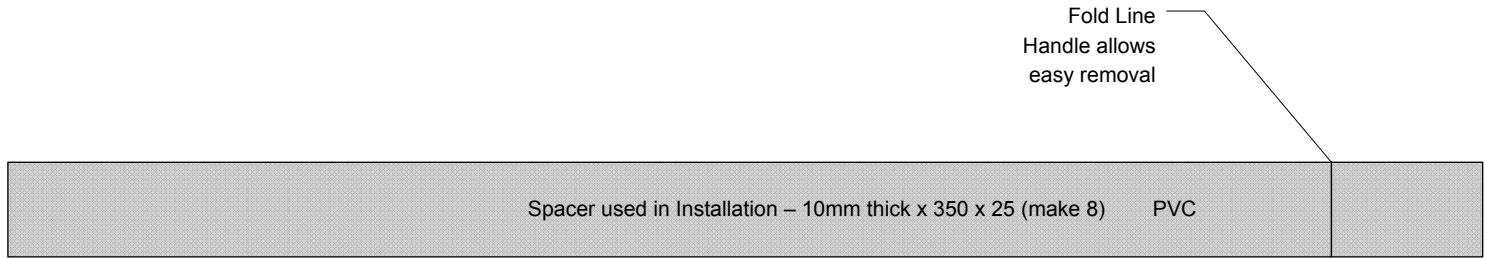
44 US Gal.

Fittings are all NPT  
Dimensions are External

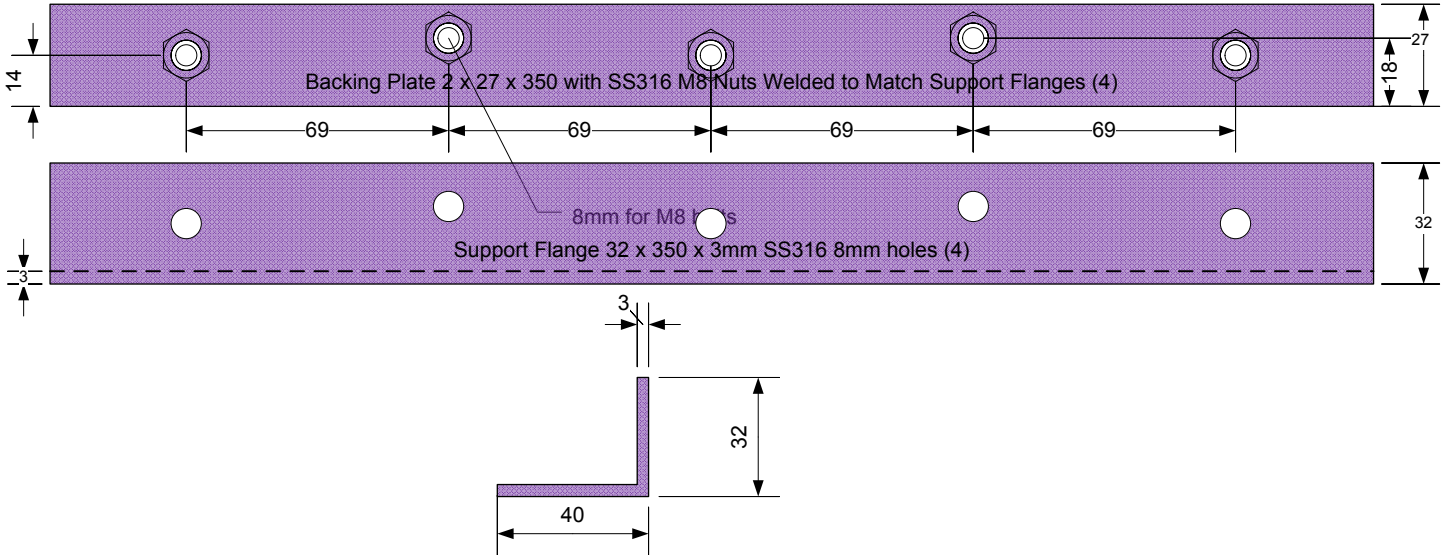
The flanges at the top of each tank rest on the bearer beams. Studs are welded at the top of the tank to fasten the flange to the tank. Flange mounting holes are ovals to allow for vertical adjustment. Once the tank is in place the flanges are bolted or lag-screwed to the bearer beams and then bolted to the studs.

For the base of each tank, make interlocking dados (slots) in two pieces of 16mm Trespa™. One piece is attached to the hull, the other glued to the base of the tank.





Flanges are welded to the tanks.  
 Material: Folded 2mm or 3mm 316 stainless.  
 Can be gusseted for strength if necessary.  
 Four flanges and four backing plates are required.

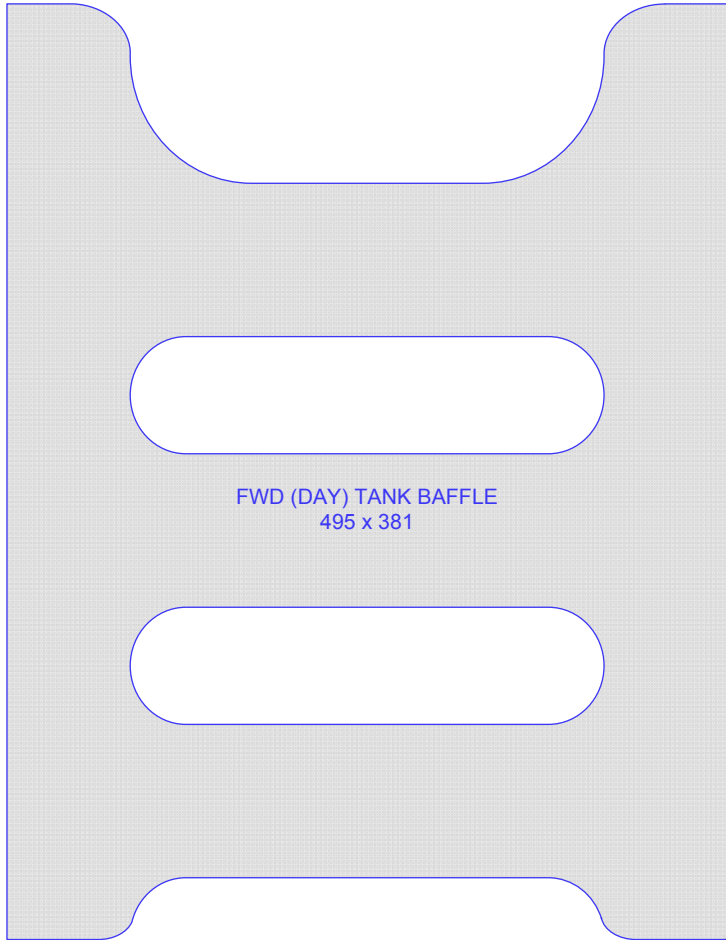
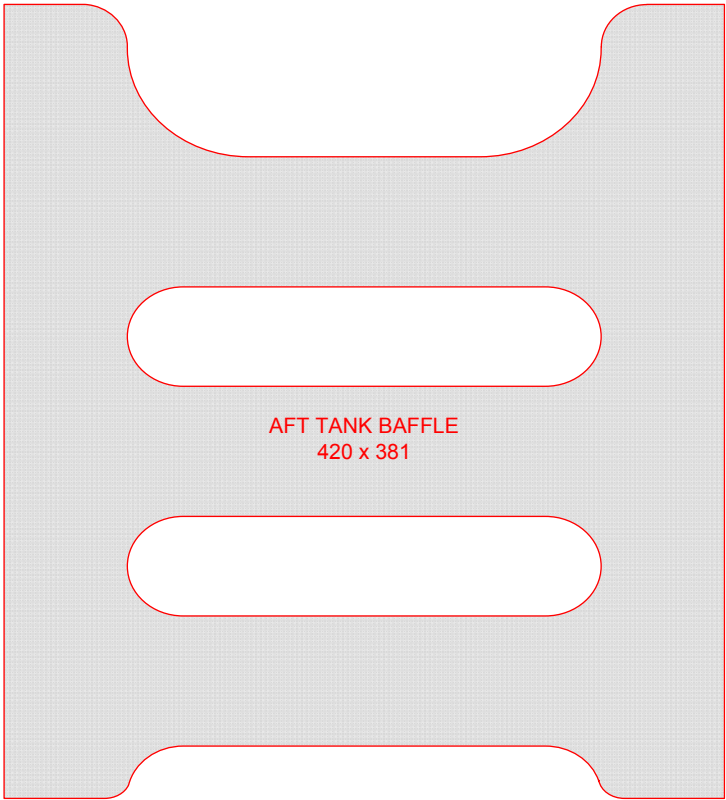




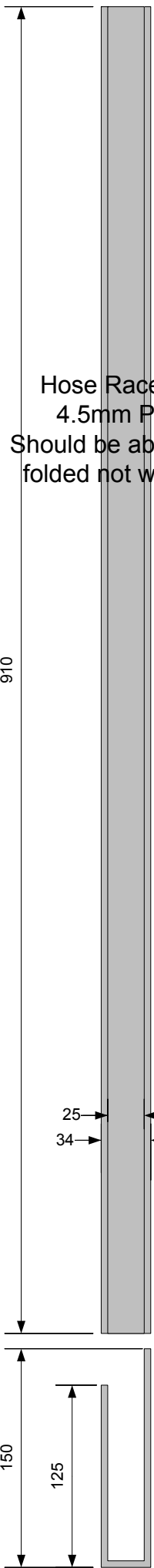
**BAFFLES**

- they introduce immense rigidity to the design of the tank
- they limit the dynamic movement of contents, minimizing the destructive pounding forces against the tank body. 300mm or narrower needs no baffles.

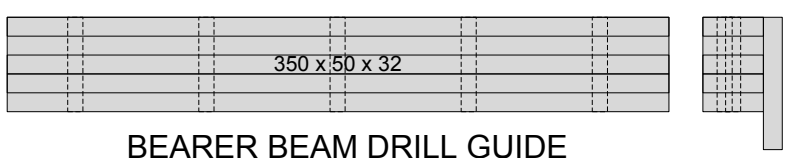
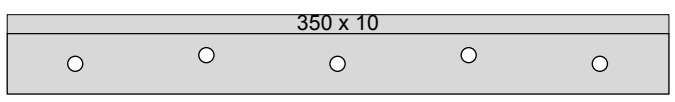
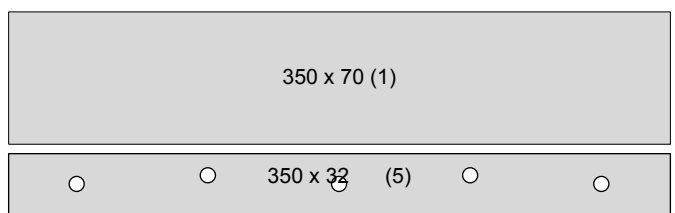
Construct one baffle side to side on each tank, mainly for rigidity.  
Dimensions shown are 4mm less than finished tank width.



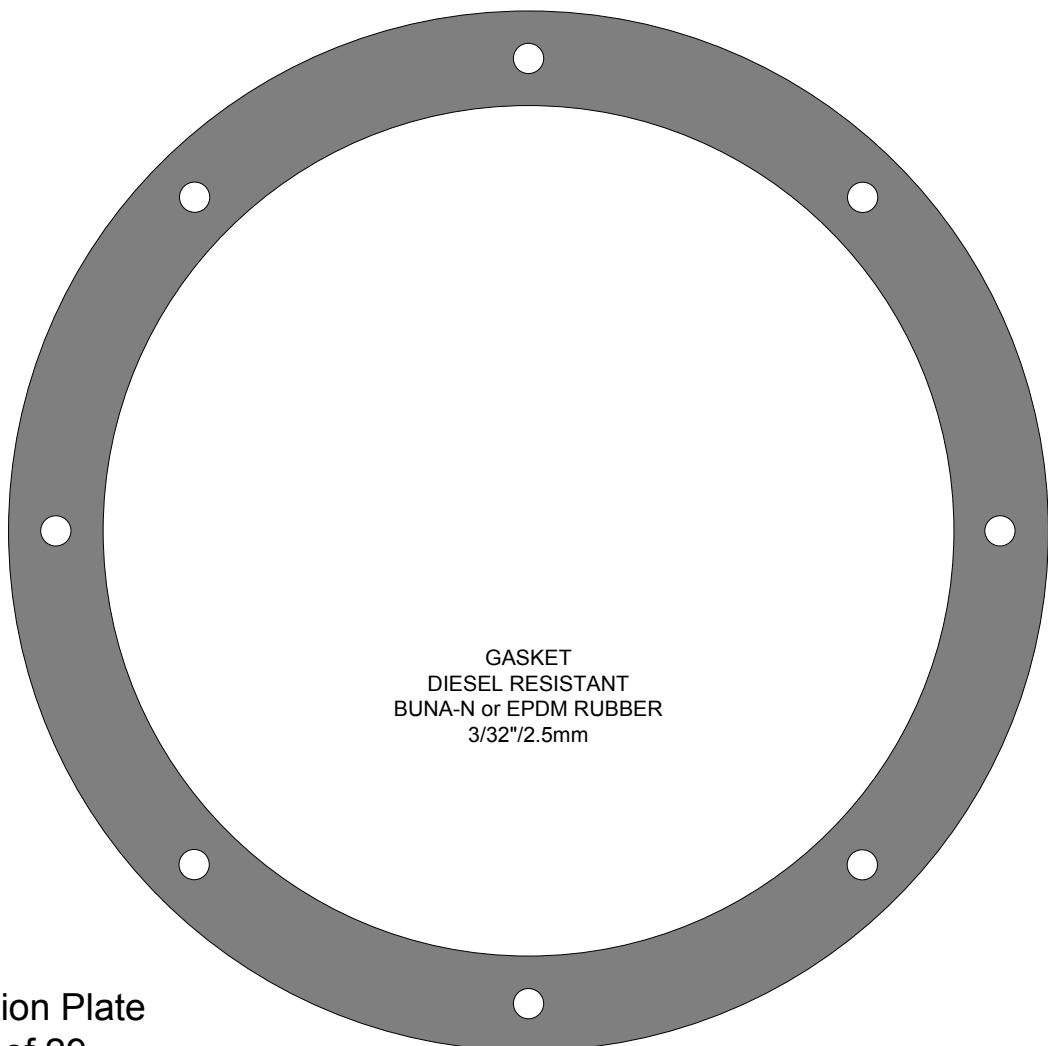
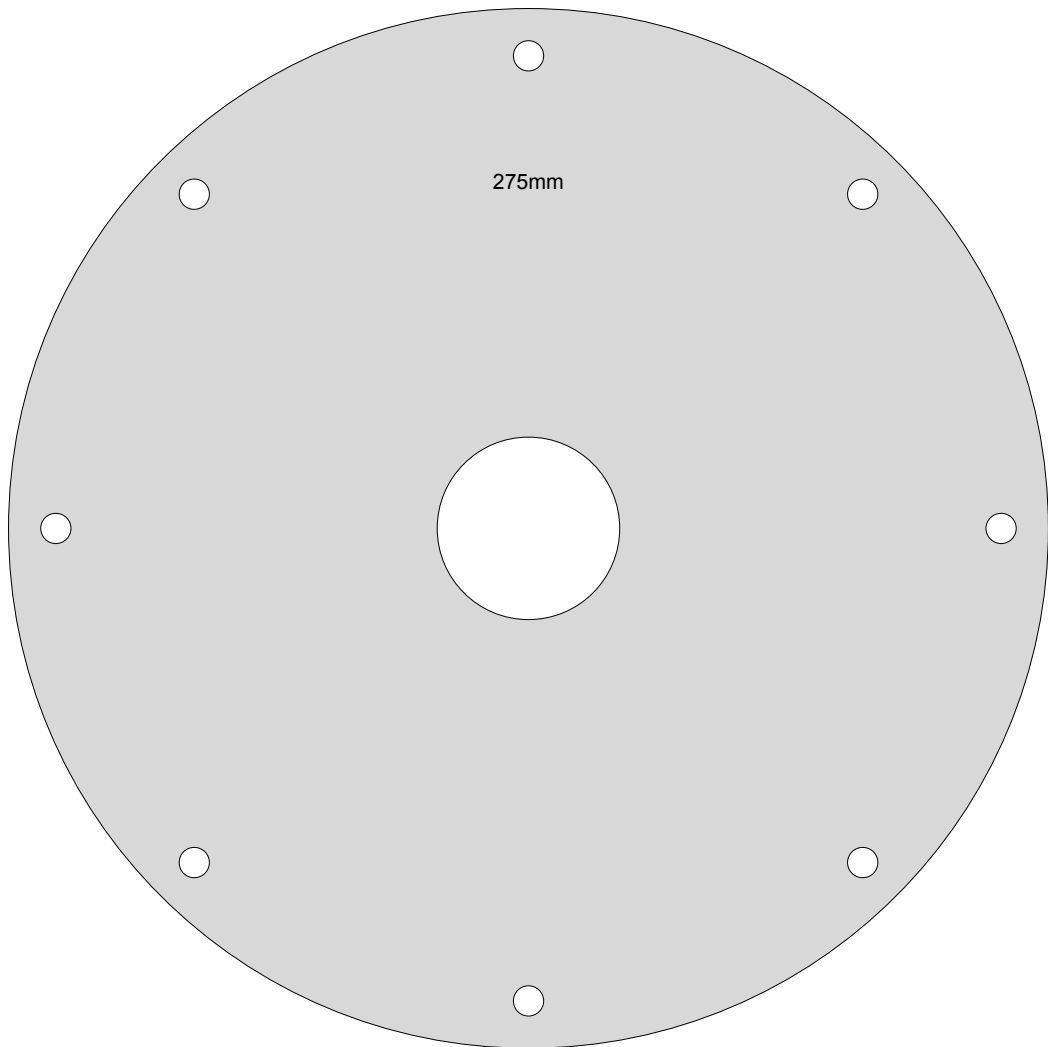




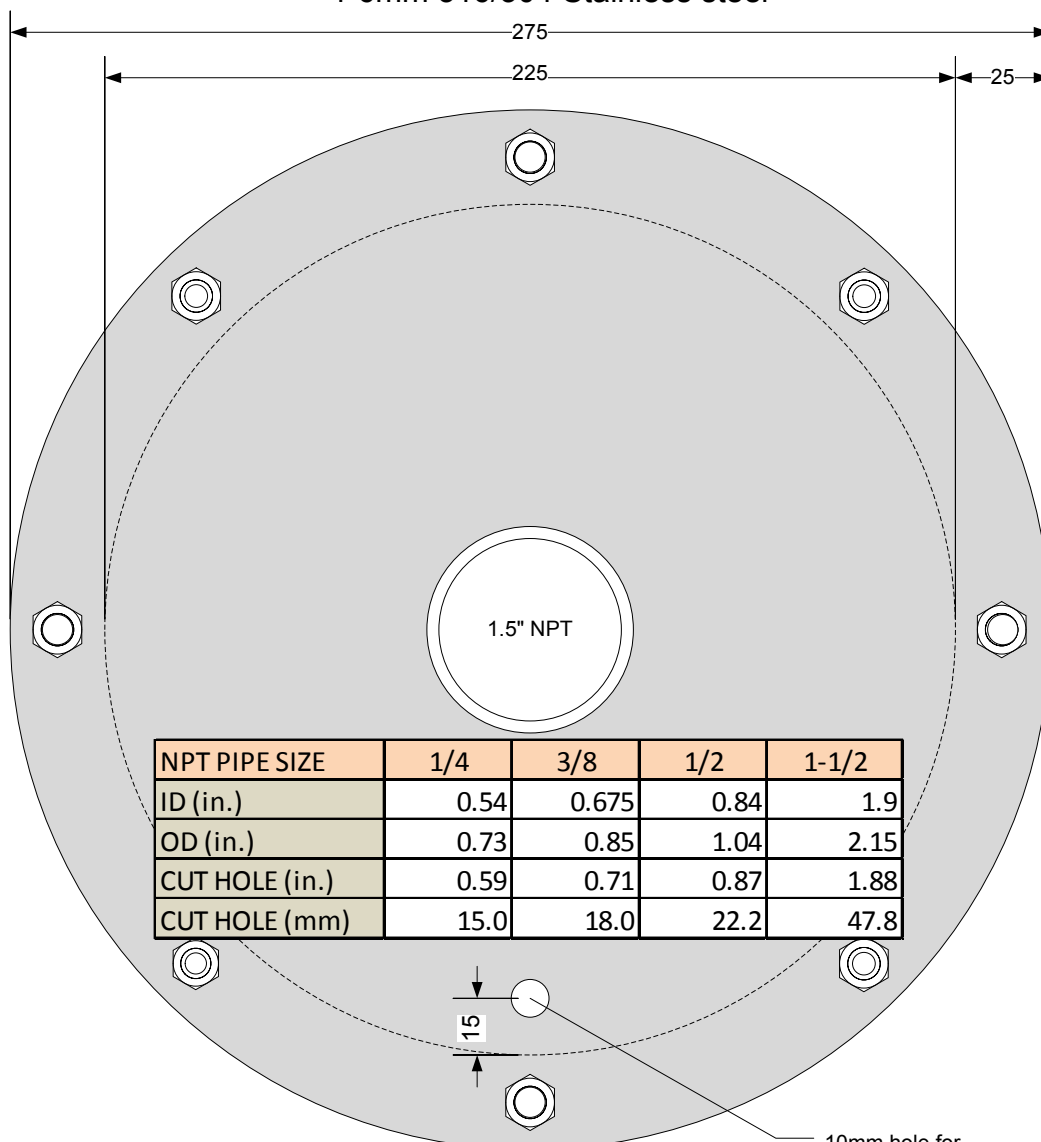
Hose Raceway  
4.5mm PVC  
Should be able to be  
folded not welded.



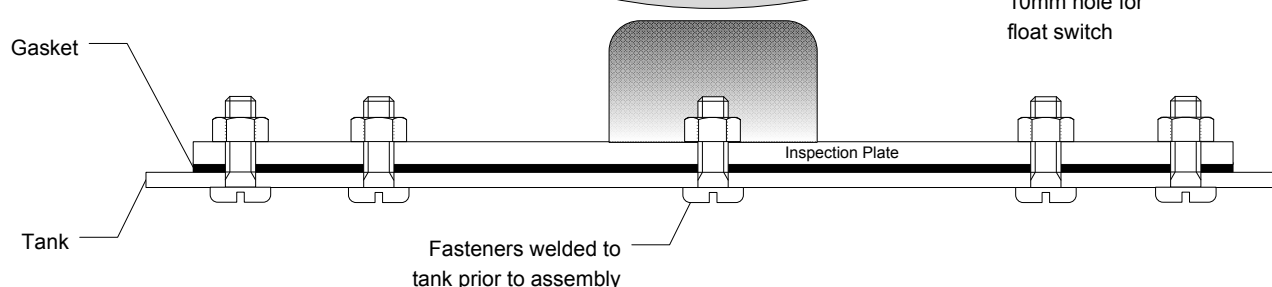
**BEARER BEAM DRILL GUIDE**  
Make out of 5 pieces of 10mm PVC glued together.  
Holes are 8mm  
Edge guide is one piece 35 x 70



**Inspection Plate**  
**4-6mm 316/304 Stainless steel**



NPT PIPE SIZE	1/4	3/8	1/2	1-1/2
ID (in.)	0.54	0.675	0.84	1.9
OD (in.)	0.73	0.85	1.04	2.15
CUT HOLE (in.)	0.59	0.71	0.87	1.88
CUT HOLE (mm)	15.0	18.0	22.2	47.8

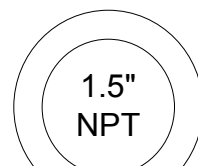


**1/4" NPT 316 Stainless Steel Half Coupling Pipe Thread Weld Bung**  
 Length = 0.52" OD = 0.73". Thread Inside Diameter 0.54"

**3/8" NPT 316 Stainless Steel Half Coupling Pipe Thread Weld Bung**  
 Length = 0.54" OD = 0.85" with street ell Length = .54" + 1.5" = 52mm  
 Thread Inside Diameter 0.675"

**1/2" NPT 316 Stainless Steel Half Coupling Pipe Thread Weld Bung**  
 Length = 0.7" OD = 1.04"  
 Thread Inside Diameter 0.840"

**1.5" NPT 316 Stainless Steel Half Coupling Pipe Thread Weld Bung**  
 Length = .96" or 24.8mm' OD = 2.15" or 54.6mm  
 Thread Inside Diameter 1.900"



**Tank Level Sender**