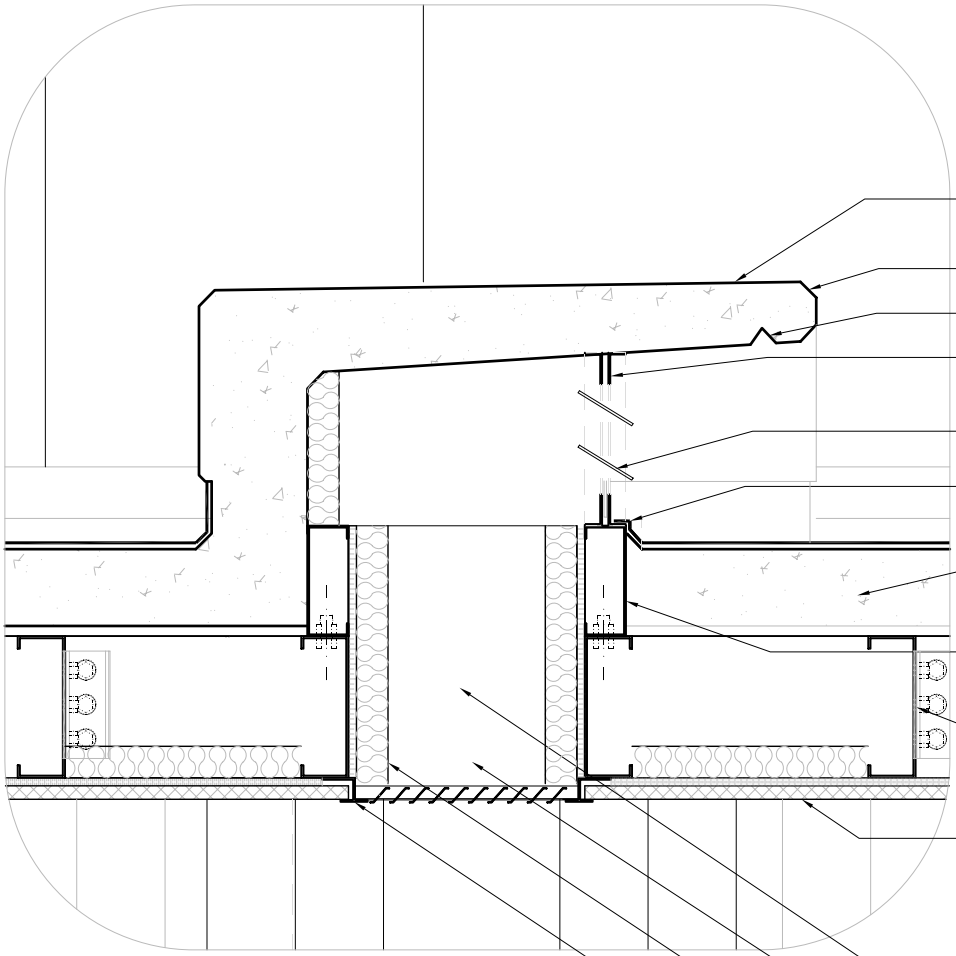

120 off shutter rc (high density) ventilation slab to fall away from opening min 1:70

25 chamfered edge

cast in situ drip

gms unequal angles as per window schedule

fixed 4mm industrial glass louvres for hot air to escape and be contained

Bitumen impregnated torch-on waterproofing membrane on 100 low density composite concrete slab to fall min 1:70 strictly to manufacturer's specifications

100 no-fines low-density rc slab (900kg/m^3)

175 x 65 x 20 x 2.5 gms lipped channel mechanically connected to gms I-beam with 60 x 60 equal angle

225 x 75 x 20 x 3.5 gms lipped channel connected to I-Beam with unequal angle sleeve as per structural engineer

1000 x 4000 pre-drilled and fixed composite panel consisting of 140 x 22 tongue and groove phoebe porosa (outside) and 12.7 gypsum board (inside) ceiling fixed to gms lipped channels with self-tapping skrews

300 x 1500 ventilation void

cold formed gms open and closable patent louvers painted black (closed in winter, open in summer)

50 aerolite acoustic absorption and thermal insulation

3mm thick edging machanically connected to lipped channel

detail f-4