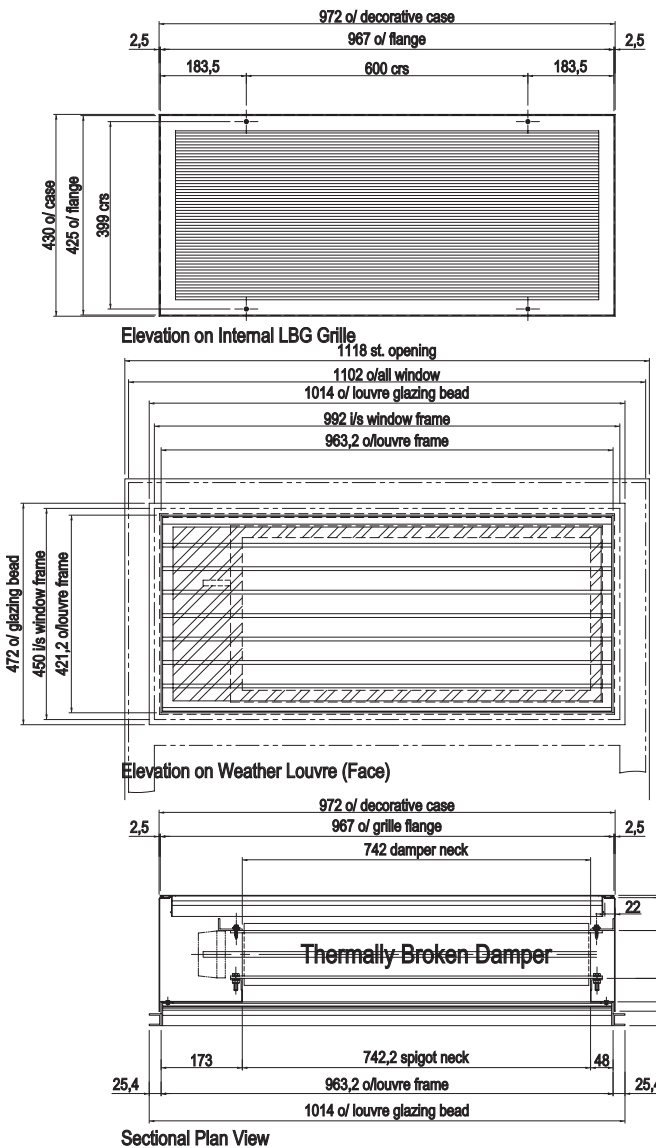


**Case Study:**

**New HQ, Worcester**

**Brief:** The client required a Natural Ventilation system integrated with Motorised Solar Shading to provide a minimum energy use building.

**Design:** Calculation, selection, manufacture and installation of a bespoke natural ventilation system using wall units integrated into doors and windows, linked to passive roof units including solar boost fans to enhance performance



**General Notes**

EL50 recessed frame weather louvre c/w glazing bead to front edge to allow glazing clip to be installed. Louvre frame manufactured from 50,8 x 25,4 x 3,2 Alu angle with 25,4 x 25,4 x 3,2 alu channel. Galvanised mild steel spigot connection to the rear with 25mm Mez flange to match damper. Thermally broken damper neck size 742mm x 325mm with 25mm flanges. Decorative case to be manufactured from 2mm thick Aluminium with 25,4 x 50,8 x 3,2 alu angle mounting frame (pre-drill 4 No M6 dia holes). Linear bar grille with 15 degree deflection, 6,4mm bar on 12,7mm crs.

NB Actuator and controls by others.

