

AS EXISTING

EXISTING WINDOW SCHEDULE

All existing windows are replacements from the 1990s conversion.

W1-W7: W13 (grd & 1st fls main building): all single glazed timber fixed lights.

W8 & W9: (attic main building): timber louvred openings (no glass. Not sealed.

W10 & W11 (escape stair N & S elevs): timber louvred openings (no glass) with boarded MDF panels internally. Not sealed.

W12 (escape stair E elev): timber boarded opening shutter (no glass). Not sealed.

PROPOSED WINDOW SCHEDULE

All existing windows to be replaced to improve insulation of the building and provide natural ventilation.

W1,W3(grd fl main building): fit new timber DG casement window; full 2 halves to open inward.

W2 (grd fl main building): fit new timber DG casement window; side hung to open inward.

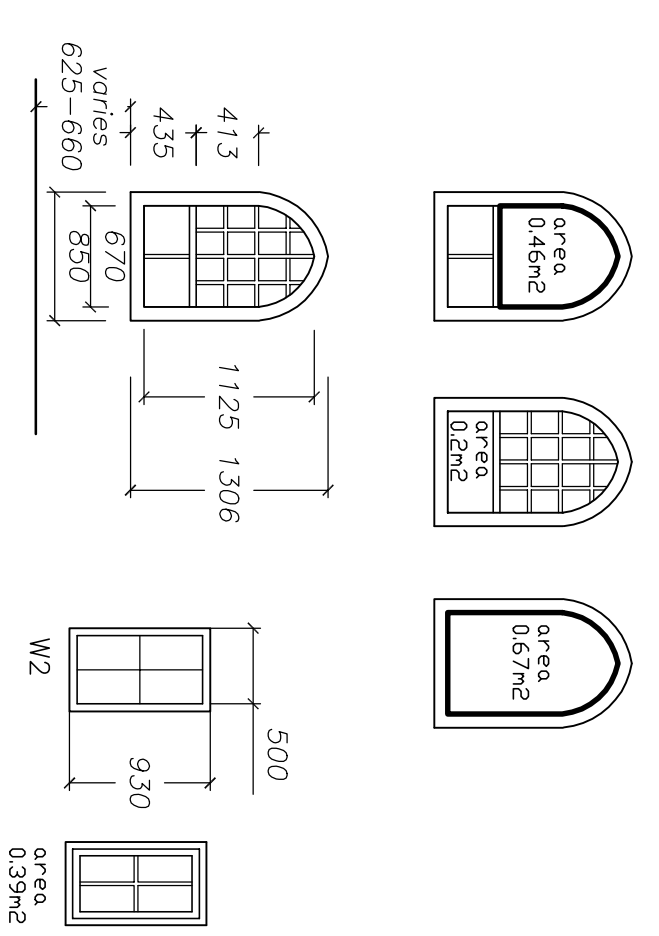
W4,W5,W6&W7 (1st fls main building): fit new timber DG 2 piece casement window; upper part of each half to open inward; lower pane fixed and toughened to provide protective barrier.

W8&W9: (attic main building): fit new timber louvres externally to allow light into room; fit new timber DG 2 piece casement window internally; upper part of each half to open inward; lower pane fixed and toughened to provide protective barrier.

W10&W11 (escape stair N & S elevs): fit new timber louvres externally to allow light into stair; fit new timber DG 1 piece casement window internally; side hung to open inward; toughened glass.

W12 (escape stair E elev): fit new timber boarded openable shutter with lock; double layer with insulation and draught sealed.

W13 (porch): fit new timber DG fixed window.



**PROPOSED NATURAL VENTILATION**  
 Grd floor area for natural ventilation 49m<sup>2</sup>.  
 At 1/30th natural vent opening area= 1.63m<sup>2</sup>

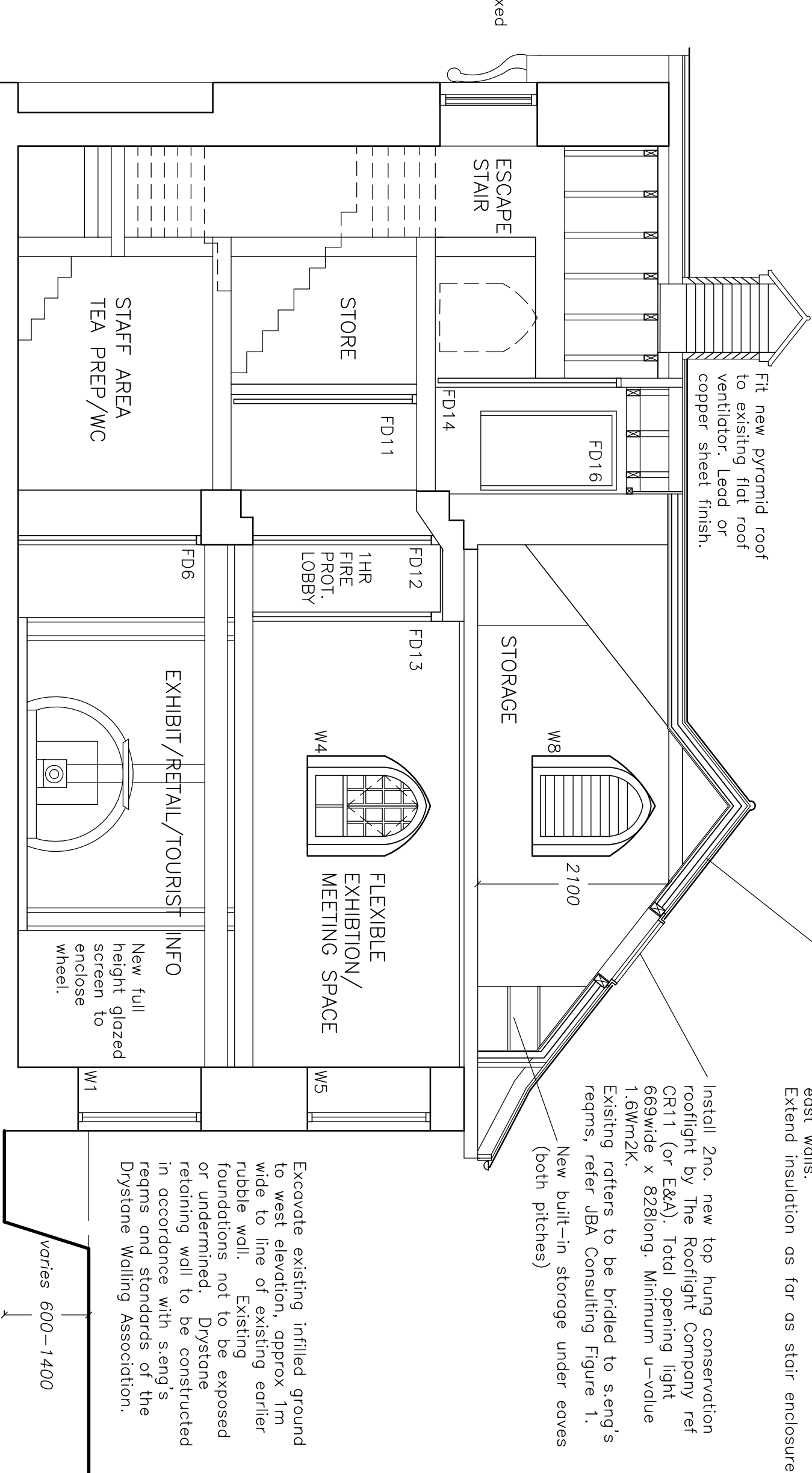
W2 =0.39m<sup>2</sup>  
 W1=0.67m<sup>2</sup>  
 W3=0.67m<sup>2</sup>  
 total = 1.73m<sup>2</sup>

First floor area for natural ventilation = 52m<sup>2</sup>.  
 At 1/30th natural vent opening area= 1.73m<sup>2</sup>

W4,5,6,7 = 0.46m<sup>2</sup> x4 = 1.84m<sup>2</sup> total  
 lower panes fixed with toughened glass to form protective barrier to min 800mm from FFL

Attic/2nd floor area for natural ventilation = 18m<sup>2</sup>. At 1/30th natural vent opening area= 0.6m<sup>2</sup>

W8&9 = 0.46m<sup>2</sup> x2 = 0.92m<sup>2</sup> (excluding louvres)



AS PROPOSED

DRAWING REF	PROJECT REF
DRG NO. 06 BW	ST FILLAN'S OLD MILL
SECTION A-A	(FORMER BREADALBANE
AS EXISTING / AS PROPOSED	FOLKLORE CENTRE)
SCALE 1:50	KILLIN