

shaded areas show critical locations for safety glass.

CRITICAL LOCATIONS IN INTERNAL

\* DENOTES SAFETY GLASS

ALL SAFETY GLAZING TO COMPLY WITH BS EN 12600

any window that has a sill level over than 800mm above FFL to be toughened safety glass where the window is above ground floor, a horiz bar to be fitted between the jambs at a height no less than 800mm above ffl or greater than 1100mm above ffl.

es denotes escape window which shall have a clear opening that is not less than 0.33msq in area and have a clear opening that is at least 450mm high and at least 450mm wide and opening to be no <800mm or no>1100mm above the ffl.

ALL LOW GLAZING BELOW 800MM ABOVE FFL/ GL TO BE TOUGHENED SAFETY GLASS TO INNER AND OUTER PANE, SEE DIAGRAM ABOVE

2.2 Safe breakage is defined in Clause 4 of BS EN 12600 and also in Clause 5.3 of BS 6206. Both standards are based on an impact test which requires the result of the impact to be limited to creating –

(a) in relation to BS EN 12600 for glass –

(i) a small clear opening only, with a limit to the size of the detached particles; and

(ii) disintegration, with small detached particles; and

(b) in relation to BS 6206 for plastic glazing sheet material, breakage resulting in separate pieces that are not sharp or pointed.

2.3 Glazing suitable for installation in a critical location should satisfy the test requirements of –

(a) for glass, Class 3 of BS EN 12600; or

(b) for plastic glazing sheet material, Class C of BS 6206.

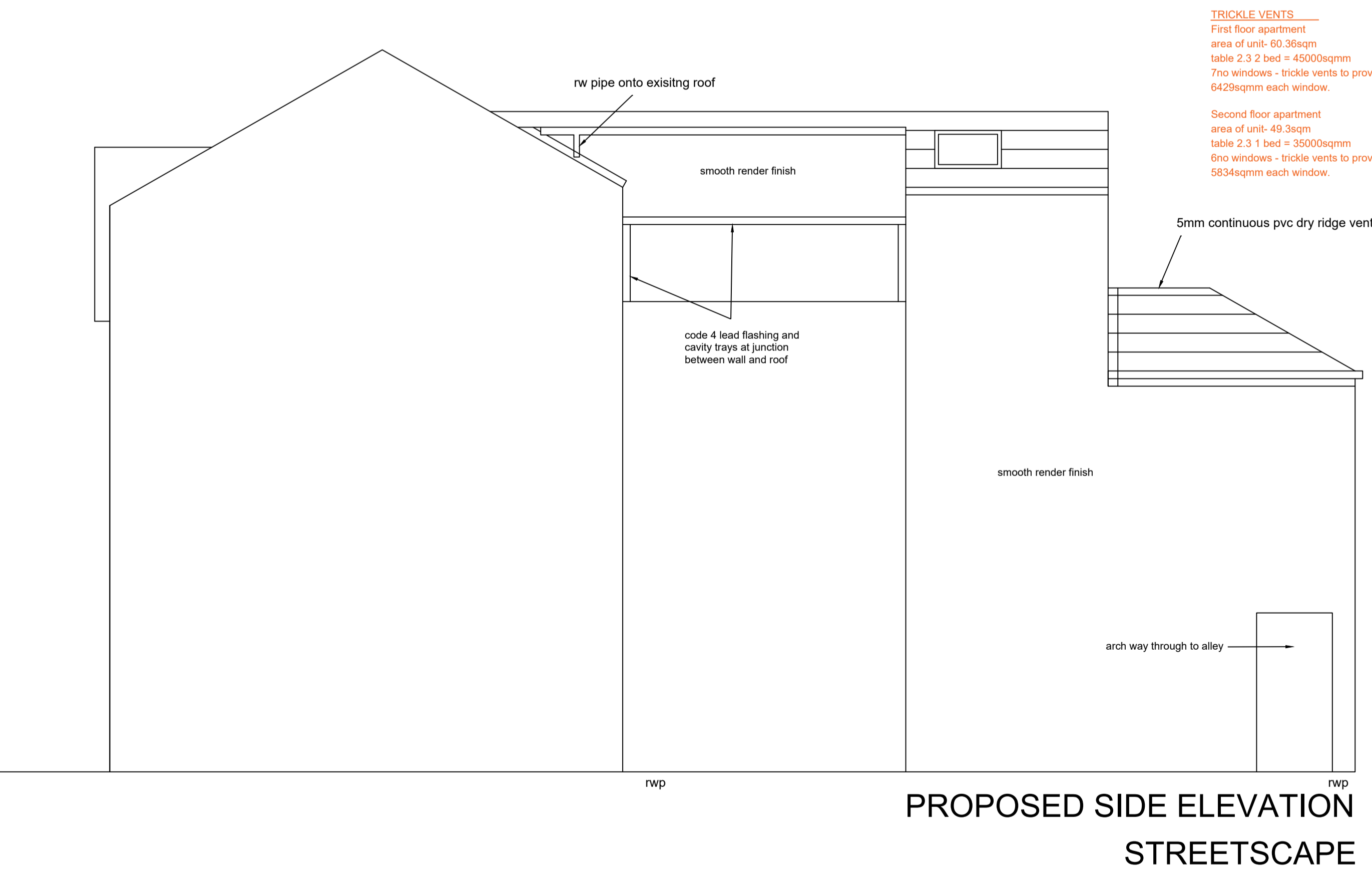
2.4 Where the glazing is installed in a door or a door side panel and has a pane width of more than 900 mm, it should satisfy the test requirements of –

(a) for glass, Class 2 of BS EN 12600; or

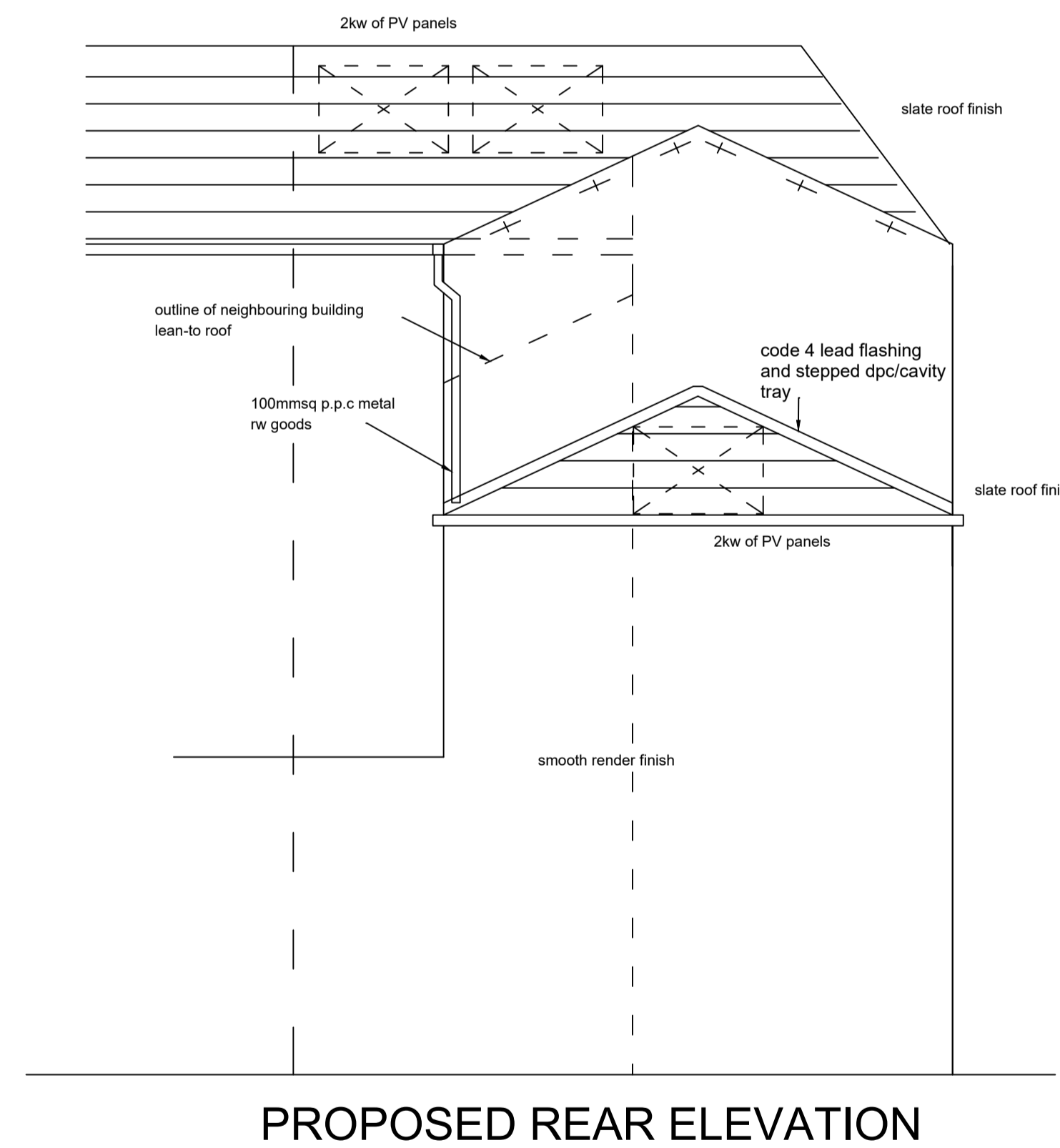
(b) for plastic glazing sheet material, Class B of BS 6206.

Where the height to the window cill is more than 6m and not more than 9m, suitable tying or fixing points for the access equipment shall be provided on the building. The standing surface shall be a path or similar hard surface (see dig 5.2(a)).

Where the height to the window cill is less than 6m and the access is by ladder, the standing surface may be normal soil.



**TRICKLE VENTS**  
First floor apartment  
area of unit- 60.36sqm  
table 2.3 2 bed = 4500sqmm  
7no windows - trickle vents to provide 6429sqmm each window.  
Second floor apartment  
area of unit- 49.3sqm  
table 2.3 1 bed = 3500sqmm  
6no windows - trickle vents to provide 5834sqmm each window.



A-07/23-ADD. B.C NOTES

<b>JWA</b> Architectural Design	
Project: REPLACEMENT BUILDING 314 SHANKILL ROAD BELFAST	
Drawing: PROPOSED ELEVATIONS	
Dig.No: 002/23/103A	
Scale: 1:50 @ A1	Date: 01/2023
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