Chloe Officer
Bellway Homes Manchester
Warrington
Cheshire
WA3 6XG

19/03/2026

Dear Chloe

Reference: 200mm window reveal

We have reviewed a proposed 200mm window reveal detail and commissioned third party calculation and certification of the associated E3 and E4 psi values to be incorporated into SAP. The results confirmed;

1. A 330% increase in the E3 (sill) psi value when compare to the Bellway Homes standard detail; and
2. A 1190% increase in the E4 (jamb) psi value.

When the calculated results are incorporated into the house type SAP calculations, fabric energy efficiency swings of negative 5% and more are recorded, resulting in DFEE fails. I am afraid it is not possible to compensate elsewhere in the fabric specification. The detail must be reviewed, primarily a shorter window reveal so that an insulated cavity closer can be incorporated.

Accompanying this letter are the psi value calculations completed by TWC.

Yours sincerely

[redacted]

Gerard McGuigan
Technical Director

JSP Sustainability Limited
The Catalyst
Baird Lane
York
YO10 5GA

T: 01904217325
E: info@jspsustainability.co.uk
W: www.jspsustainabilityltd.co.uk

Registered in England and Wales (82111910) with registered office at The Catalyst, Baird Lane, York, YO10 5GA