

BY EMAIL

Thursday, 24 November 2022

Dear Sirs

Re: The Thomas Cowley School – Window proposal

Further to your recent communication please find points that need to be considered for the replacement windows to the Old School Building

1. The internal structural sizes, especially in width are circa 100mm smaller than the external structural size. Therefore, there is a requirement to include for 'add ons' down the jambs and to the head of the window frame to make up this difference. This lends itself to a 75mm outerframe and add on to ensure the glass
2. This system takes a 28mm overall double-glazed unit. This is held in with external chamfered beads to mimic the 'old' putty look on timber windows
3. This window system meets the building regulations required for Document L. No worse than 1.6W/m²K for the U-Value
4. As these windows are circa 2100mm high they are designed with a specific mullion (vertical member) to satisfy the required wind loading of this building in this location. This has been approved by our Technical team
5. To reduce glare of the glass we could propose the glass to have a grey anti-sun tint
6. As the opening casements are at high level, for CDM regulations these will need to be operated by winding teleflex gearing. It is not possible to fit this type of mechanism to slim aluminium systems. There isn't enough room or strength to casement or transom so the gearing will not be fitted adequately. This would not be fit for purpose

Yours faithfully,

Nathan Swenson

Nathan Swenson
Commercial Sales Manager