



Ivan Fluin  
John Sisk & Son Ltd  
1 Curo Park  
Frogmore  
St Albans  
AL2 2DD

20th November 2013

**By email only:** IvanFluin@SISK.co.uk

**Reference:** Maiden Lane

**Project No:** 1313554

Dear Ivan,

I understand you are looking for further information regarding the design intent to satisfy the glazing requirement which has been set to meet the acoustic performance criteria.

The project criterion for the highest-performing façade has a requirement to meet a performance in Octave Bands from 63 Hz to 8kHz.

The glazing configuration required to meet this high performance will need a heavy double glazed unit (with laminated panes) and a secondary laminated pane with a substantial cavity between the two units.

Tests have previously been done on glazing units used for another Sisk project. The test report (ref C/09/5L/20870/R01 dated 4th September 2009) demonstrated that the following glazing configuration will meet the most onerous requirement (RED) for the Maiden Lane project, when considered with the 3dB allowance stated in the Façade Glazing Specification:

- 14.8mm laminated pane + 24mm argon-filled cavity + 12.8mm laminated pane
- Approximately 250mm cavity
- 14.4mm laminated pane

This is shown in Test 9 which is on page 15 of the above report.

If you need anything else at this stage, please let me know.

Yours sincerely

**Ian Harley** BSc (Hons) MSc MIOA

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(This letter has been electronically formatted and therefore bears no signature)