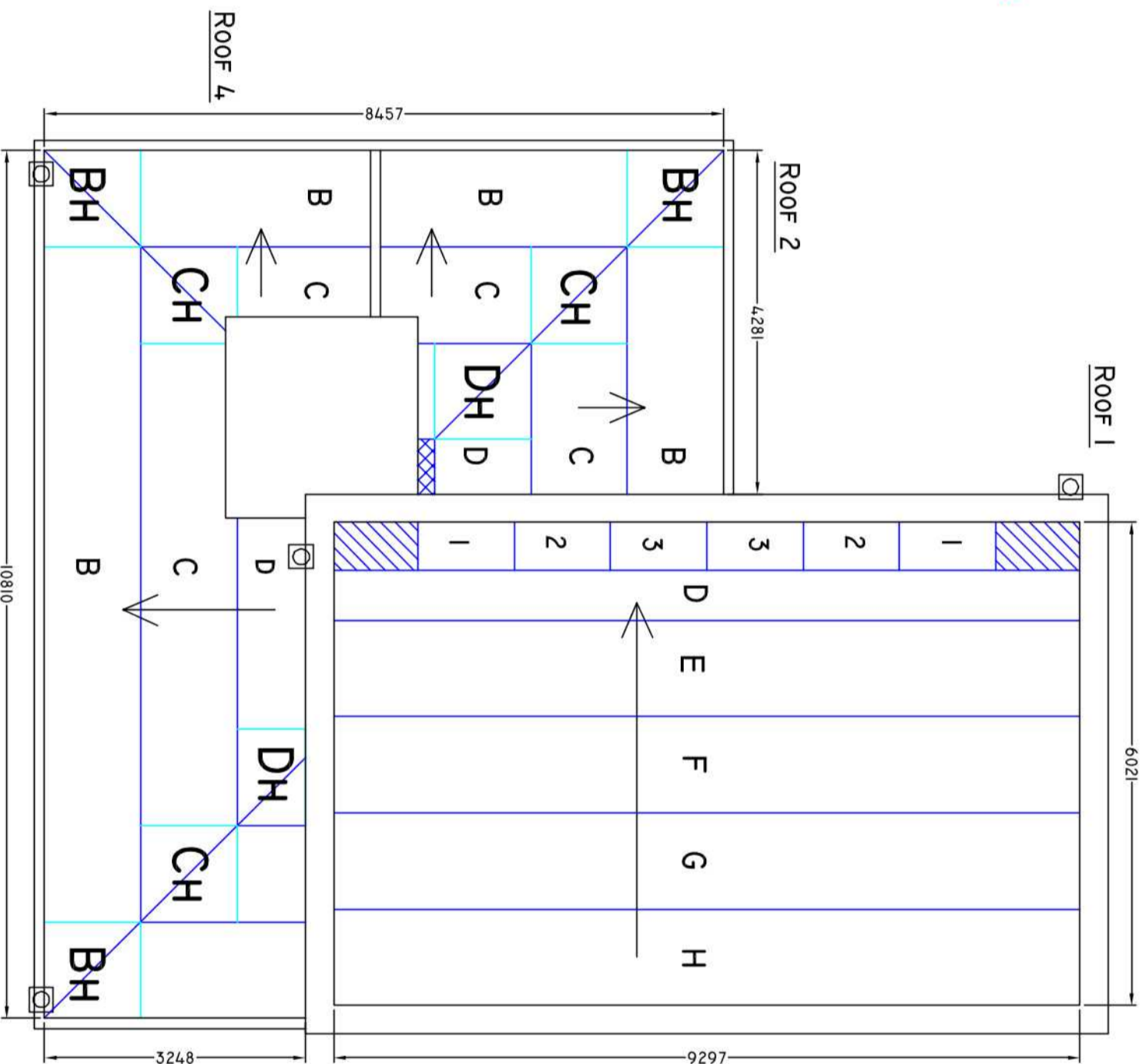
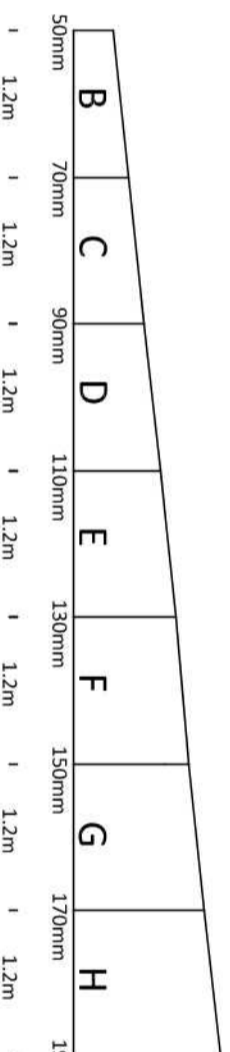
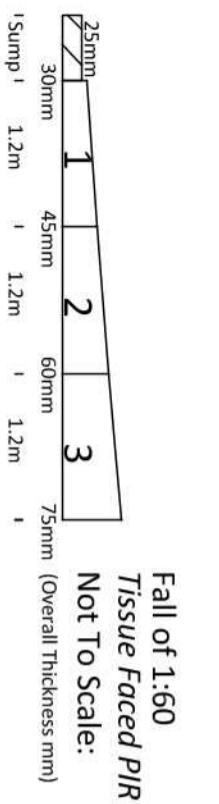


# PROPOSED TAPERED INSULATION SCHEME

**\* Overall U-value achieved based on an assumed construction of: Profiled metal deck with no fixed ceiling void**



- Do not scale from this drawing.
- Unloading and storage of material is the responsibility of the contractor. Insulation products must always be stored in dry conditions. Day joints should be sealed at the end of the day.
- Material should be installed in accordance with the relevant codes of practice and this drawing. Where practical boards should be laid with staggered joints.
- Raise upstands/curbs/rooflights etc., to suit as necessary.
- Treated timber battens of 50mm less than the insulation thickness, should be installed to protect exposed insulation edges.
- Quotations are based on the scheme as shown in this drawing and include infill boards and gutter/sump boards where shown. Filled/upstand boards are excluded unless specifically shown in our quotation.
- All dimensions, positions of outlets etc must be confirmed by the contractor.
- This drawing assumes there are no back-falls in the roof, unless shown.
- Ponding water may occur within areas utilising flat boards
- Scheme based on client drawing: DUX-B173-ROOF-0-001



**Fall of 1:80 Tissue Faced PIR Overall U. Value of 0.36W/m<sup>2</sup>K achieved by Not To Scale: the effective thickness of the insulation. As calculated in accordance with BSENISO 6946:2017 Annex E.**

**Roof 1**  
Overall U. Value of **0.21W/m<sup>2</sup>K** achieved by the effective thickness of the insulation. As calculated in accordance with BSENISO 6946:2017 Annex E.

**Roof 2**  
Overall U. Value of **0.35W/m<sup>2</sup>K** achieved by the effective thickness of the insulation. As calculated in accordance with BSENISO 6946:2017 Annex E.

**Roof 4**  
Overall U. Value of **0.36W/m<sup>2</sup>K** achieved by the effective thickness of the insulation. As calculated in accordance with BSENISO 6946:2017 Annex E.

- ☐ Rain Water Outlet
  - ▨ Flat Gutter Zone (may hold water)
  - ↘ Pre-Cut Hip Mitres
- Scheme based on assumed outlet positions. Outlet locations TBC

PROJECT NAME & ADDRESS  
Imperial War Museum, Duxford



DRAWING TITLE  
TAPERED INSULATION SCHEME

SPEC No:  
DATE: 18.06.19

NOTES/REVISIONS

DWG No: IKO  
DRAWN BY: SA  
SCALE: 1:75 @A3

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