

OUR REF: 7-10197 (Olive School: Conlon Construction)  
5<sup>th</sup> November 2024

4<sup>th</sup> Floor  
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## THE 'OLIVE' SCHOOL, MANCHESTER – CONDITION 5 VERIFICATION STATEMENT

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### **Condition 5**

The development hereby approved shall be implemented in full accordance with the measures as set out within the Energy Statement Prepared by Clancy Consulting reference Ref: 7\_10197-CCL-XX-XX-RP-MEP-5900, received by the City Council as local planning authority on 10 January 2023.

Within 3 months of the completion of the construction of the authorised development a verification statement shall be submitted to and approved in writing, by the City Council as local planning authority, confirming the incorporation of the specified measures at each phase of the construction of the development, including dated photographic documentary evidence of the implementation and completion of required works.

### **Verification Statement**

Clancy Consulting Ltd confirm that the principles of the energy statement have been followed. The 'as built' building included the following building services systems as per the original energy statement:

- Air Source Heat Pump to serve Domestic Hot Water Services (See Figure 4)
- Air Source Heat Pump to serve space heating (See Figure 4)
- Variable Speed Pumps
- Classroom Hybrid ventilation systems with stack ventilation (See Figure 1)
- Mechanical Heat recovery for Office areas and toilet areas (See Figure 5)
- Windcatcher Zero natural ventilation systems within the Hall (See Figure 2)
- Photovoltaic Panel (PV) solar energy generation system (89.44 kWp) (See Figure 1 & Figure 2)

Graham Hirst  
Associate



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*Figure 1: PV installation on the main school roof, along with Monodraught actuated roof cowl ventilation stack terminals.*



*Figure 2: PV installation on the hall roof, along with Monodraught windcatcher Zero terminals.*



Figure 4: Air Source Heat Pump Installation



Figure 3: Monodraught hybrid ventilation Installation with purge ventilation openings



Figure 5: Mechanical Ventilation with Heat Recovery (MVHR)