

J23019-XX-XX-RP-ME-001

Didsbury Point Apartments and PCT
Energy and Environmental Standards
Statement Report.



Document Issue Sheet 08.10.25
Revision P01

Caveat

This document has been prepared in order to detail clarifications and amendments to the original Energy and Environmental Standards Statement Revision P1 previously submitted by Clancy Consulting Limited dated 02/09/2022.

This report follows the contents of the document and provides commentary against each section in line with original Statement.

1. Contents:

No comments against this section.

2. Introduction:

2.1. No comments against this section.

2.2. No comments against this section.

3. Terms of Reference:

3.1. No comments against this section.

3.2. Domestic CO2 emissions reduction targets (Table 12.1) refers to +15% increase on Part L 2010. This has been superseded as the the building Part L Compliance report has been undertaken on the 11th July 2024 utilising Part L 2021 Regulations.

Non-domestic CO2 emissions reduction targets (Table 12.2) refers to a +10% and +15% increase on Part L 2010. This has been superseded as the building Part L Compliance report has been undertaken on the 11th July 2024 utilising Part L 2021 Regulations.

3.3. States an interim requirement that all new dwellings should seek a 19% carbon reduction against Part L of the 2013 Building Regulations, along with a minimum 20% reduction in carbon emissions (based on the dwelling emission or building emissions rates) through the use of on site or nearby renewable and / or low carbon

technologies. This has been superseded as the the building Part L Compliance report has been undertaken on the 11th July 2024 utilising Part L 2021 Regulations.

3.4. No comments against this section.

3.5. There is no gas service to the building, all mechanical services are electrically supplied.

3.6. States an interim requirement that all new dwellings should seek a 19% carbon reduction against Part L of the 2013 Building Regulations, along with a minimum 20% reduction in carbon emissions (based on the dwelling emission or building emissions rates) through the use of on site or nearby renewable and / or low carbon technologies. This has been superseded as the building Part L Compliance report has been undertaken on the 11th July 2024 utilising Part L 2021 Regulations.

4. Confirmation of Scope and Route to Compliance:

4.1. No comment on this section.

4.2. The building Part L Compliance report has been undertaken on the 11th July 2024 utilising Part L 2021 Regulations. The minimum u-values required for the building on the original statement have been met and in most areas improved upon. Refer to As designed BRUKL document for further details.

4.3. The heating system throughout the residential building comprises of electric panel heaters as specified within the SAP calculations and SBEM Part L 2021 Compliance reports. The domestic hot water systems to each apartment and duplex 47 comprises of suitably sized OSO Super Xpress VIP direct electric unvented hot water cylinders as specified within the SAP calculations. The remaining 5 duplexes utilise Air Source Heat pump cylinders for domestic hot water generation as specified within the SAP calculations.

Table B details the hot water systems as central air source heat pumps serving heat interface units however this has been superseded with the OSO Super Xpress VIP direct electric unvented hot water cylinders as specified within the SAP calculations. Table B details Renewable Energy as Photovoltaic Panels anticipated to be greater than 34kWp. To maximise the PV potential and following the detailed design the PV system installed equates to 102kWp.

4.4. No comment on this section.

4.5. No comment on this section. Civic Engineers to provide comment where required.

4.6. No comment on this section.

4.7. No comment on this section.

4.8. The domestic hot water systems to each apartment and duplex 47 comprises of suitably sized OSO Super Xpress VIP direct electric unvented hot water cylinders as specified within the SAP calculations. The remaining 5 duplexes utilise Air Source Heat pump cylinders for domestic hot water generation as specified within the SAP calculations.

Renewable Energy as Photovoltaic Panels anticipated to be greater than 34kWp. To maximise the PV potential and following the detailed design the PV system installed equates to 102kWp.

5. The mechanical and electrical systems detailed within this section have been superseded following completion of the as designed SAP calculations and SBEM Part L 2021 Compliance reports as detailed above.
6. Appendix A (Approximate PV area to Roof area calculation).

Following the completion of the as designed SAP calculations and SBEM Part L 2021 Compliance reports and to maximise the PV potential with the available roof space, the total PV system designed for the building provides a 102kWp.