Energy Statement

RIBA Stage 4

Fusion Students Ltd & London Borough of Haringey

707-725 Lordship Lane
Wood Green
London
N22 5JY

London Borough of Haringey

Version	Revision	Date	Author	Reviewer	Project Manager
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Executive Summary

This Energy Statement has been prepared in support of discharging the planning conditions associated with the Haringey Application ref: HGY/2024/0450, including the relevant planning conditions and obligations secured through the Section 106 Agreement for the Proposed Development at 707-725 Lordship Lane, London.

The Proposed Development has been designed to incorporate energy strategies that address local planning policies and broader sustainability objectives. Through these design strategies and accompanying measures, the Proposed Development will comply with *Building Regulations Part L V1 and V2*.

Proposed Energy Strategy

The energy strategy for the Proposed Development at 707-725 Lordship Lane, London has been developed by following the Energy Hierarchy of: 'Lean, Clean, Green and Seen'. The chosen energy strategy includes Lean passive and active design measures, and Green Low and Zero Carbon (LZC) technologies to reduce the global warming potential (GWP) and CO_2e emissions as far as practical and viable in line with 2021 Building Regulations Approved Document Part L (Volume 1 & 2). With the proposed energy strategy, the non-residential part of the development is achieving an EPC rating of 'A' and the residential part an EPC rating of 'B'.

The following summarises the proposed strategy at each energy hierarchy stage:

Be Lean

- **Building Fabric:** Fabric-first design with all thermal elements exceeding Part L (V1 & V2) standards, reducing heating demand.
- **Fenestration:** Double glazing with a G-value of 0.28 (non-residential) and 0.36 (residential) has been specified for the scheme.
- **Lighting Services & Controls:**
    - Lighting System - 100% Light Emitting Diode (LED) lighting with average efficacies of 120 lm/W (non-residential) and 100 lm/W (residential).
    - Lighting Controls - Passive infrared (PIR) sensors will be incorporated into the commercial, communal and circulation areas, with student bedrooms installed with absence detectors. Daylight sensors will be incorporated into daylit commercial and communal areas.
- **Ventilation:**
    - Residential - Vectaire EVO250DC Mechanical Ventilation and Heat Recovery (MVHR).
    - Non - Residential –
        - Vent Axia MVDC-MSH extract units for all student bedrooms and common kitchen/living.
        - Vectaire Cool-Aire 1 MVHR systems for the units on the northern façade with acoustic limitations.
        - LMF Clima HRH 50, Samsung ERV AN080JSKLKN/EU and AN035JSKLKN/EU for communal and commercial spaces
        - Vent Axia extracts for ground floor WC's, Stores etc.

The Proposed Development will exceed the Be Lean target set by the London Plan, achieving a 18 % site-wide improvement over the Baseline.

Be Clean

As there are no existing networks in the proximity of the development, any improvements under 'Be Clean' have been discounted. Centralised wet systems are proposed for the site, with space allocations in certain blocks for future installation of district heat substations. Hence, the Proposed Development aims to be heat network-ready.

Be Green

- **Heating and Hot Water:**
  - Residential - Highly efficient Air Source Heat Pump (ASHP) units serve the heating and hot water requirements via communal heat network and HIU units.
  - Non-Residential – Swegon Zeta Zero HP ASHP provide heating and hot water for the student bedrooms and communal kitchen/Living. Omicron Zero S4 will provide comfort cooling and heating to the ground-floor commercial and communal spaces via fan coil units. Samsung AC071RXADKG/EU to provide active cooling for the comms room.
- **Renewables**
  - Residential - Block D accounted for 8 no. panels per dwelling, except Block D1-05 accounted for 6 no. panels of 400 W each.
  - Non-Residential – A 123.3 kWp roof-mounted PV system, comprising 274 panels of 450 W each, designed to generate on-site renewable electricity.

The Proposed Development will achieve a carbon reduction of 57% site-wide compared to the 2021 Building Regulations, which significantly exceeds the 35% target set out in Policy SI 2. An additional benchmark of 50% has been set for residential developments, which has also been met by the Proposed Energy Strategy.

Carbon Offset

The estimated remaining 66.34 tonnes of CO_2 to be offset through the borough's carbon fund via a cash-in-lieu contribution to the London Borough of Haringey's carbon offset fund, to the sum of £189,069.00. These values are based on IES VE 2025 and SAP 10.2 carbon factors applied through GLA Carbon Emission Reporting Spreadsheet V2.0.

Be Seen

The development is fully committed to recording, monitoring, and reporting actual energy consumption data, with the objective of aligning design-stage and in-use operational energy performance on the pathway to achieving Net Zero Carbon, in accordance with the requirements of the London Plan 2021.

The Applicant will provide the completed 'Be Seen' reporting spreadsheet to the GLA using the designated planning-stage webform. A metering strategy to ensure adherence to the 'Be Seen' requirements will be prepared as part of the detailed design phase.

Table 1 to Table 3 and Figure 1 to Figure 3 show CO_2e emission improvements in line with the Energy Hierarchy.

Residential

Energy Hierarchy Category	CO_2e emissions (t/yr)	Improvement over Baseline (%)
Baseline	75.6	
Lean	62.6	17.0
Clean	62.6	17.0
Green	14.7	81.0

Table 1 - Summary of regulated CO_2e savings for the residential scheme

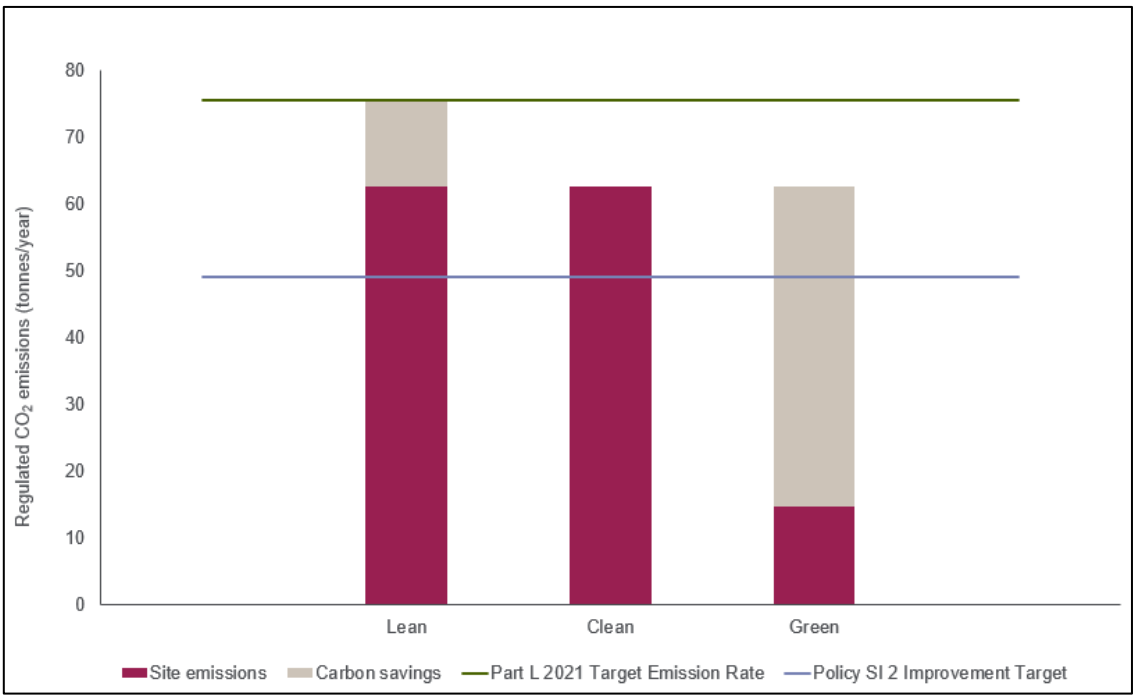


Figure 1 - Energy Hierarchy CO_2 emissions reduction graph for the residential scheme

Non - Residential

Energy Hierarchy Category	CO_2e emissions (t/yr)	Improvement over Baseline (%)
Baseline	79.0	
Lean	64.1	19.0
Clean	64.1	19.0
Green	51.7	35.0

Table 2 - Summary of regulated CO_2e savings for the non-residential scheme

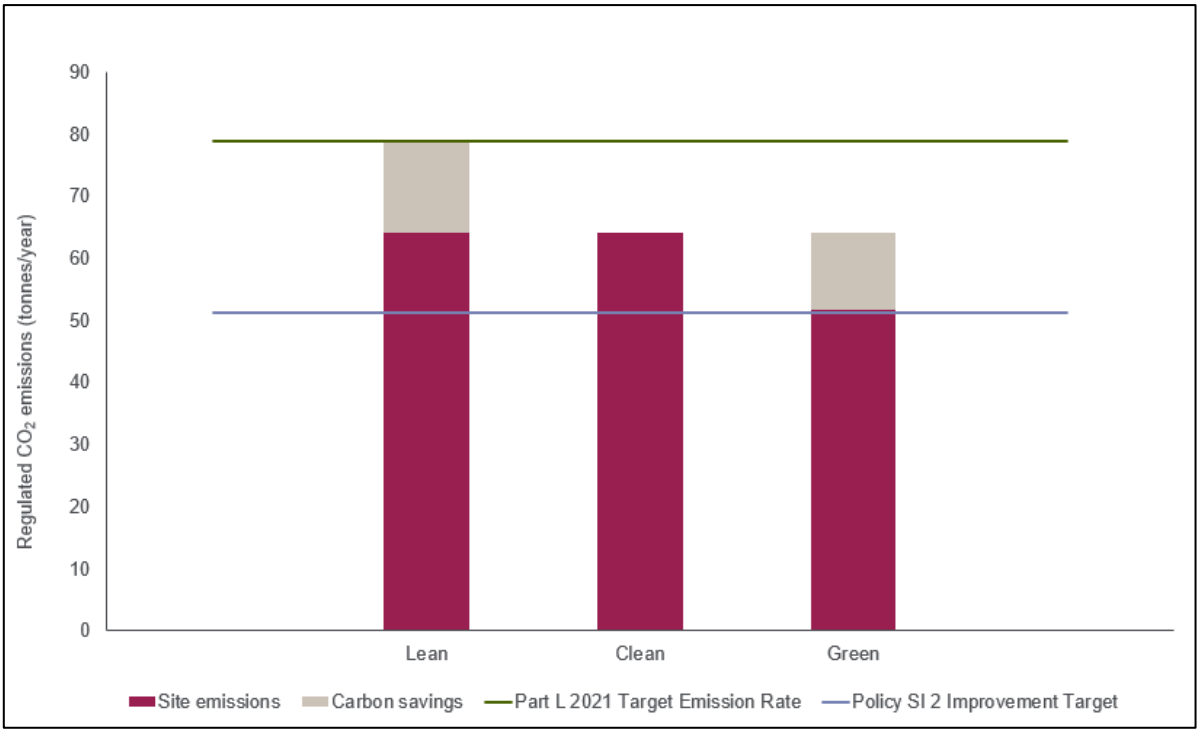


Figure 2 - Energy Hierarchy CO_2 emissions reduction graph for the non-residential scheme

Site-Wide

Energy Hierarchy Category	CO_2e emissions (t/yr)	Improvement over Baseline (%)
Baseline	154.66	
Lean	126.72	18.0
Clean	126.72	18.0
Green	66.34	57.0

Table 3 - Summary of regulated CO_2e savings for the whole development

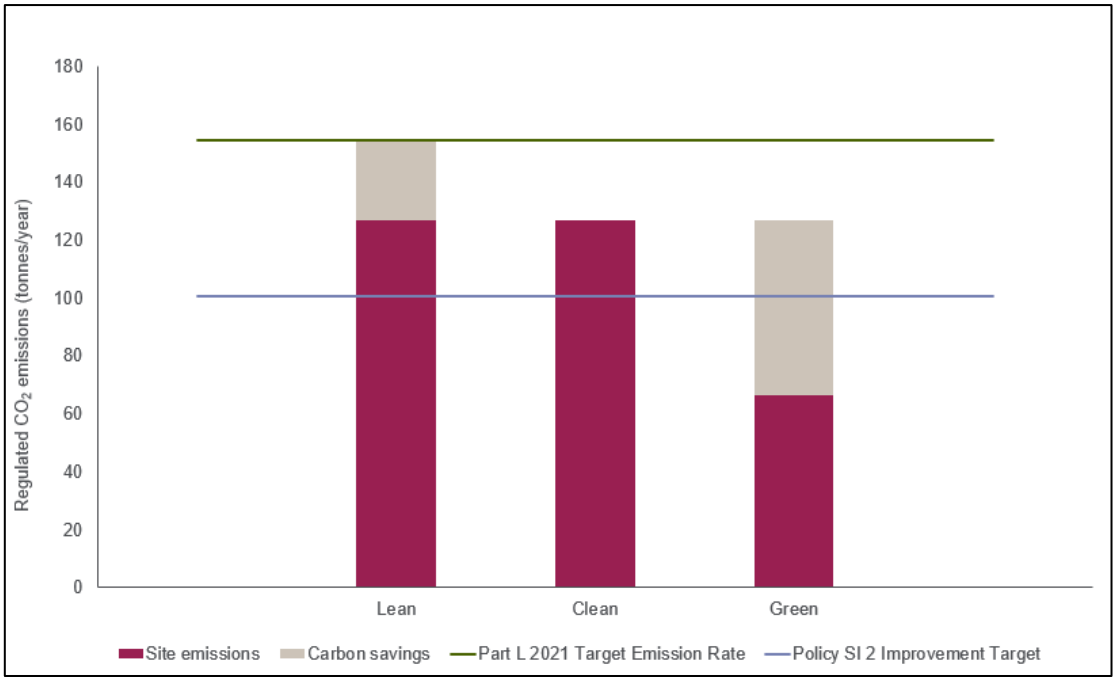


Figure 3 - Energy Hierarchy CO_2 emissions reduction graph for the whole development

Introduction

1.0 Introduction

This Energy Statement has been prepared in support of discharging the planning conditions associated with the Haringey Application ref: HGY/2024/0450, including the relevant planning conditions and obligations secured through the Section 106 Agreement for the Proposed Development at 707-725 Lordship Lane, London.

The statement also sets out the Lean passive and active design measures adopted and evaluates the suitability of Green Low and Zero Carbon (LZC) technologies for the site in line with relevant planning policy requirements.

All results described herein are based on the output from Elmhurst Design Standard Assessment Procedure (SAP 10.2) software and Integrated Environment Solutions Virtual Environment (IES VE) 2025, but these conditions cannot be guaranteed to be an indication of the final situation. The results herein are to be read in the context of Part L compliance purposes only and should not be used for design sizing or any other purpose.

It is important to note that with any modelling exercise, there are assumptions and approximations that must be made. Details of assumptions made, and approximations used are provided as part of the report. All results and strategies are directly affected by the inputs listed in this document; any deviation from these may produce different results.

1.1 The Proposed Development & Application site

The site is currently a Mecca Bingo Hall south of Lordship Lane and north of Wellesley Road. There are residential buildings adjoined to the development to the east and a large residential building with a ground floor gym to the west.

The proposed redevelopment involves the demolition of the existing building and redevelopment to provide affordable homes, purpose-built student accommodation, and flexible ground floor commercial (Class E) floorspace within buildings ranging between 3 – 9 storeys, public realm and landscaping works, cycle parking, and associated works.

Please refer to Appendix A for the site plan of the Proposed Development.

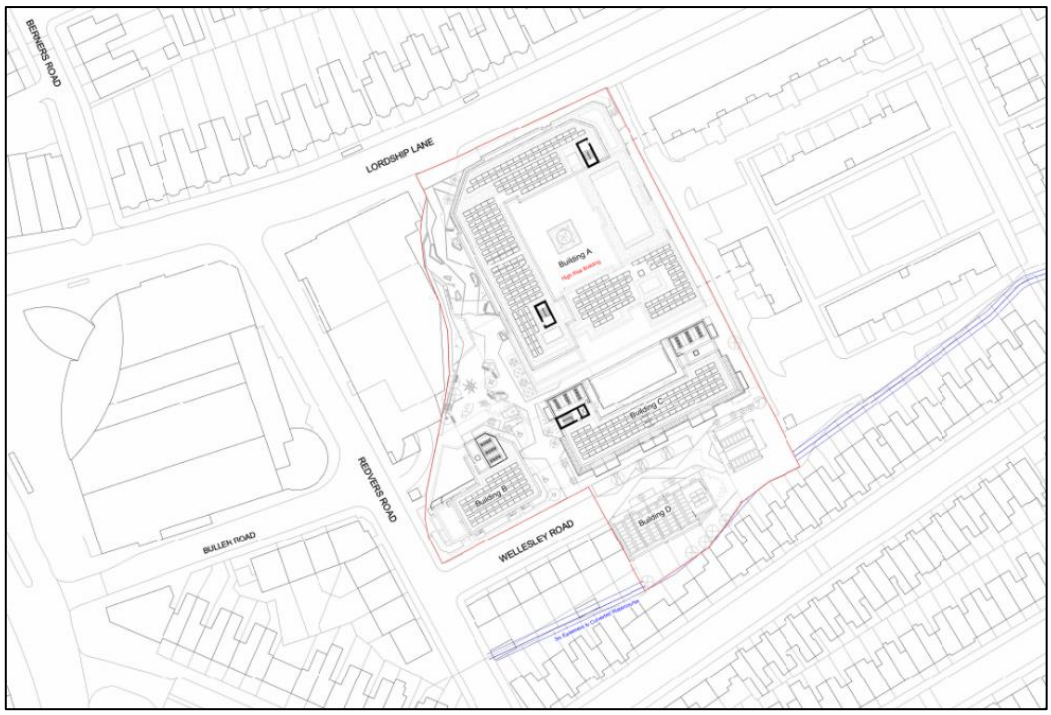


Figure 4 - Proposed site plan (Corstorphine & Wright)

1.2 Planning Policies

The Development Plan for the Site comprises:

- The London Plan (March 2021)
- Haringey's Local Plan Strategic Policies 2013-2026 (March 2013 consolidated with alterations since 2017)
- Haringey Development Management DPD (Adopted July 2017)

The planning conditions associated with the Haringey planning application (Ref: HGY/2024/0450), including the relevant obligations secured through the Section 106 Agreement, have been duly considered and incorporated into the proposed energy strategy.

Other material considerations include the emerging Haringey Draft Local Plan Part 3: Borough-Wide Policies; the Mayor of London View Management Framework (2012); the Mayor of London Sustainable Design and Construction SPG (2014); the National Planning Policy Framework (NPPF) (December 2024 with minor updates in February 2025); and the National Planning Practice Guide (NPPG) (2021)

Energy

2.0 Energy

2.1 Method

The energy strategy design follows Mayor of London - Energy Assessment Guidance (June 2022)[1] and seeks to be Lean, Clean, Green and Seen, as shown in Figure 5.



Lean

Minimise the overall environmental impact and energy use through energy efficiency measures

Clean

Ensure that energy systems on-site (heat & power) are efficient & produce minimal CO_2e emissions

Green

Implement suitable technologies to provide renewable and emission free energy sources

Seen

Incorporate monitoring through smart metering and accessible displays

Figure 5 - The Energy Hierarchy

CO_2e Conversion Factors in Table 4 below have been taken from the 2021 Building Regulations. However, within the *Elmhurst Design Standard Assessment Procedure (SAP) 10* software and *Integrated Environment Solutions Virtual Environment (IES VE) 2025*, the CO_2e conversion factor for electricity varies over the course of the year due to the changing mix of inputs to the electricity grid, i.e., increased Photovoltaic (PV) generation in the summer months.

Energy Source	CO_2e Conversion Factor ($kgCO_2e/kWh$)
Electricity (mains)	0.136[2]
Electricity (offset)	-0.136[2]
Gas (mains)	0.210

Table 4 - CO_2e conversion factors by energy source

[1] Energy Assessment Guidance (June 2022)
[2] This value is not directly used but rather represents the average of the month-to-month values used.

The energy modelling for the residential units has been calculated using the *SAP 10* software in accordance with the 2021 Building Regulation Part L V1.

The PBSA (non-residential) scheme is assessed under Building Regulations 2021 Part LV2 using Dynamic Simulation Model (IES VE 2025 Compliance), under the building use class as outlined below:

- C2: Residential Institutions (Universities and Colleges)

The Target Emission Rate (TER) from the Lean scenario provides the energy baseline and is the exact size and shape of the Proposed Development. The Baseline uses notional U-values and heating specifications outlined in the *2021 Building Regulations Approved Document Part L.* The Baseline CO_2e emissions are shown in Table 5 and Table 6.

Energy Hierarchy Category	CO_2e emissions (t/yr)
Baseline	75.6

Table 5 – Baseline values for CO_2e emissions – Residential Scheme

Energy Hierarchy Category	CO_2e emissions (t/yr)
Baseline	79.0

Table 6 – Baseline values for CO_2e emissions – Non Residential Scheme

2.2 LEAN – Demand Reduction

'Lean' active and passive design measures have been maximised where feasible and appropriate, spanning fabric, lighting, sensors and ventilation.

- **Building Fabric:** Fabric-first design with all thermal elements exceeding Part L (V1 & V2) standards, reducing heating demand.

- **Fenestration:** Double glazing with a G-value of 0.3 (non-residential) and 0.36 (residential) has been specified for the scheme.

Element	U-value (W/m^2K)	
	Part L V1 Limiting Values	Proposed
External Walls (Block B & C)	0.26	0.14
External Wall (Block B & C) Walls to unheated spaces (Refuse etc)	0.26	0.15
External Wall (Block D)	0.26	0.16
Roofs (Pitched/Flat)	0.16	0.10
Exposed Floor	0.18	0.11
Ground Floor	0.18	0.09 – Block B&C 0.10 – Block D
Solid Doors	1.60	1.20
Windows, & Glazed Door	1.60	1.20 (G value 0.36)
Additional Elements	**Detail measures**	
Air Tightness @50 Pa	8.00 (m^3/m^2 hr)	3.00 (m^3/m^2 hr)
Thermal Bridge	• Psi value of 0.04 considered in the calculations. Thermal bridges will have to be independently assessed at a later stage	

Table 7 – Sitewide Fabric energy efficiencies – Residential

Element	U-value (W/m^2K)	
	Part L V2 Limiting Values	Proposed
External Walls	0.26	0.14
Roofs (Flat)	0.18	0.10
Ground Floor	0.18	0.08
Solid Doors	1.60	1.40

Windows, & Glazed Door	1.60	1.19 (G-value 0.28)
Additional Elements	**Detail measures**	
Air Tightness @50 Pa	8.00 (m^3/m^2 hr)	2.00 (m^3/m^2 hr)

Table 8 – Sitewide Fabric energy efficiencies – Non Residential

- **Lighting Services & Controls:**
  - Lighting System - 100% Light Emitting Diode (LED) lighting with average efficacies of 120 lm/W (non-residential) and 100 lm/W (residential).
  - Lighting Controls - Passive infrared (PIR) sensors will be incorporated into the commercial, communal and circulation areas, with student bedrooms installed with absence detectors. Daylight sensors will be incorporated into daylit commercial and communal areas.
- **Ventilation:**
  - Residential - Vectaire EVO250DC Mechanical Ventilation and Heat Recovery (MVHR).
  - Non - Residential –
    - Vent Axia MVDC-MSH extract units for all student bedrooms and common kitchen/living.
    - Vectaire Cool-Aire 1 MVHR systems for the units on the northern façade with acoustic limitations.
    - LMF Clima HRH 50, Samsung ERV AN080JSKLKN/EU and AN035JSKLKN/EU for communal and commercial spaces
    - Vent Axia extracts for ground floor WC's, Stores etc.

The 'Lean' scenario achieves a site-wide 18% improvement in CO_2e emissions compared to a Building Regulations 2021 compliant design. Please see Table 9 and Table 10 for the Lean improvements of the residential and non-residential scheme.

Energy Hierarchy Category	Average CO_2e emissions (t/yr)	Improvement (%)
Baseline	75.6	
Lean	62.6	17.0

Table 9 - Lean CO_2e emissions and fabric improvement over Baseline – Residential Scheme

Energy Hierarchy Category	Average CO_2e emissions (t/yr)	Improvement (%)
Baseline	79.0	
Lean	64.1	19.0

Table 10 - Sitewide Lean CO_2e emissions and fabric improvement over Baseline – Non Residential Scheme

It is important to note that, as part of the 'Lean' scenario and in line with the 'notional' building specification in *2021 Building Regulations Approved Document Part L V1* , high efficiency gas boiler with time and temperature zone control have been modelled to provide heating and hot water. As the intended solution for both space heating and domestic hot water is a green technology, a gas boiler has been used indicatively in the scenario for the purpose of comparison and depicting the LEAN improvements. It should be noted that the gas boiler is not being proposed for the development.

For Simplified Building Energy Modelling (SBEM) applied to PBSA, the 'Lean' scenario aligns with the 'notional' building specification set out in the *2021 Building Regulations Approved Document Part L V2* and *Energy Assessment Guidance 2022.*

2.2.1 Cooling

The cooling hierarchy has been used to ensure that passive building design has been optimised to reduce the potential for overheating within the Proposed Development. The design measures proposed are outlined in Table 11, with active cooling proposed only to the PBSA communal and commercial areas.

The Proposed Development has been assessed against the requirements of Approved Document Part O and has been demonstrated to comply. The requirements of Approved Document Part O are generally more stringent than those set out in CIBSE TM59, thereby providing a robust approach to mitigating overheating risk. Please refer to the Thermal Comfort Report prepared by SRE for more details.

Cooling Hierarchy	Potential Design Measures
Minimising internal heat generation through energy efficient design	Heat distribution infrastructure should be designed to minimise pipe lengths and provide adequate insulation to minimise heat losses. High efficacy light-emitting diode (LED) lighting throughout with minimal heat output. High-specification hot water storage tanks with low heat loss is proposed.

Cooling Hierarchy	Potential Design Measures
Reducing the amount of heat entering the building in summer	The glazing specification includes Low-E solar-control glass, set to a g-value of 0.30 for PBSA and 0.36 for residential blocks. Internal blinds are to be provided to minimise solar gain. All new external walls are to be well insulated with a high level of air tightness to reduce heat entering the building. The façade balances high-quality glazing with solid elements to control solar gains and reduce overheating risk. Setbacks and massing articulation improve daylight access while managing shading.
Use of thermal mass to manage the heat within the building	It is expected to have medium thermal mass, which helps moderate internal temperatures by absorbing and slowing the transfer of heat into occupied spaces. This reduces peak heat gains, lowers the risk of overheating, and decreases reliance on mechanical cooling.
Passive Ventilation	Perforated panels and windows that allow fresh air to enter the space naturally when conditions permit. These openings work in combination with purge vents to support rapid air exchange and improve indoor air quality without mechanical assistance. The openable ventilation doors are fitted with an external fixed perforated safety panel, allowing occupants to operate the vent safely without creating a fall risk.
Mechanical Ventilation	A combination of MVHR and MEV systems is proposed. The MVHR units include a summer bypass function, allowing warm indoor air to be exhausted directly without passing through the heat exchanger. This helps prevent unwanted heat recovery during warmer months, improving comfort and supporting effective night-time cooling.
Active Cooling	Passive measures have been prioritised throughout the design development stage, subsequently cooling will be provided to the Proposed Development via a fan coil system to the PBSA communal and commercial space.

Table 11 - Design measures following the Cooling Hierarchy

2.3 CLEAN – Heating Infrastructure

In line with Policy SI 3 (Energy infrastructure) of the London Plan and Policy DM22 (Decentralised Energy) of the Haringey Development Management DPD (Adopted July 2017), the Proposed Development aims to utilise any existing or proposed heat networks in the vicinity of the development in conjunction with other Green technologies such as Heat Pumps, to support the London Plan's drive to net zero. A detailed District Energy Network (DEN) feasibility study has been set out to discharge the relevant obligations set out in the Sixth Schedule (Energy and District Energy Network (DEN)) of the Section 106 Agreement, specifically Condition 2 (DEN) and Condition 3 (Energy Plan).

2.3.1 District Energy Network Feasibility Study

Existing and Proposed Heat Networks

London Borough of Haringey plans to implement a phased, borough-wide low-carbon heat network connected to the Edmonton Energy Recovery Facility, initially serving Wood Green and other key growth areas, with capacity for future expansion.

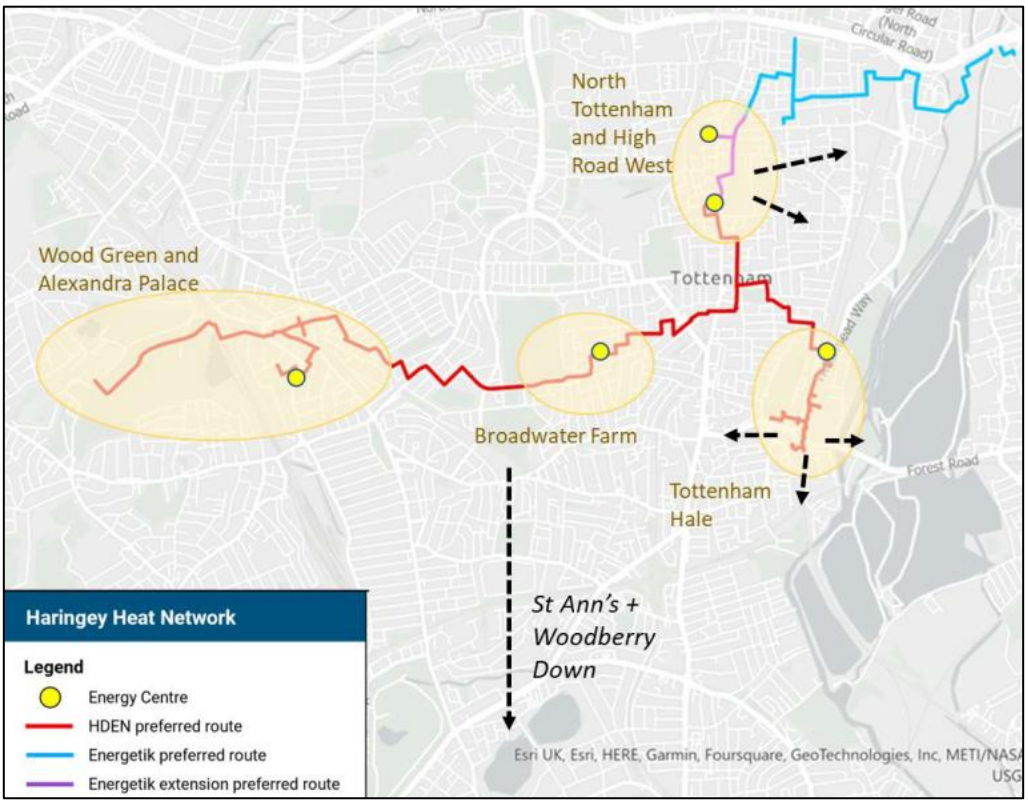


Figure 6 – Map Showing the Main Heat Network Clusters (Low Carbon Heat Supplies from the London Borough of Haringey's ESCo, HESCo)

The proposed Wood Green Heat Network has been identified through the Mayor of London's London Heat Map[3], as a potential future heat supply route for the Proposed Development. Whilst the site is located within a Heat Network Priority Area, there are currently no existing district heat networks in the immediate vicinity of the site.

[3] https://apps.london.gov.uk/heatmap/

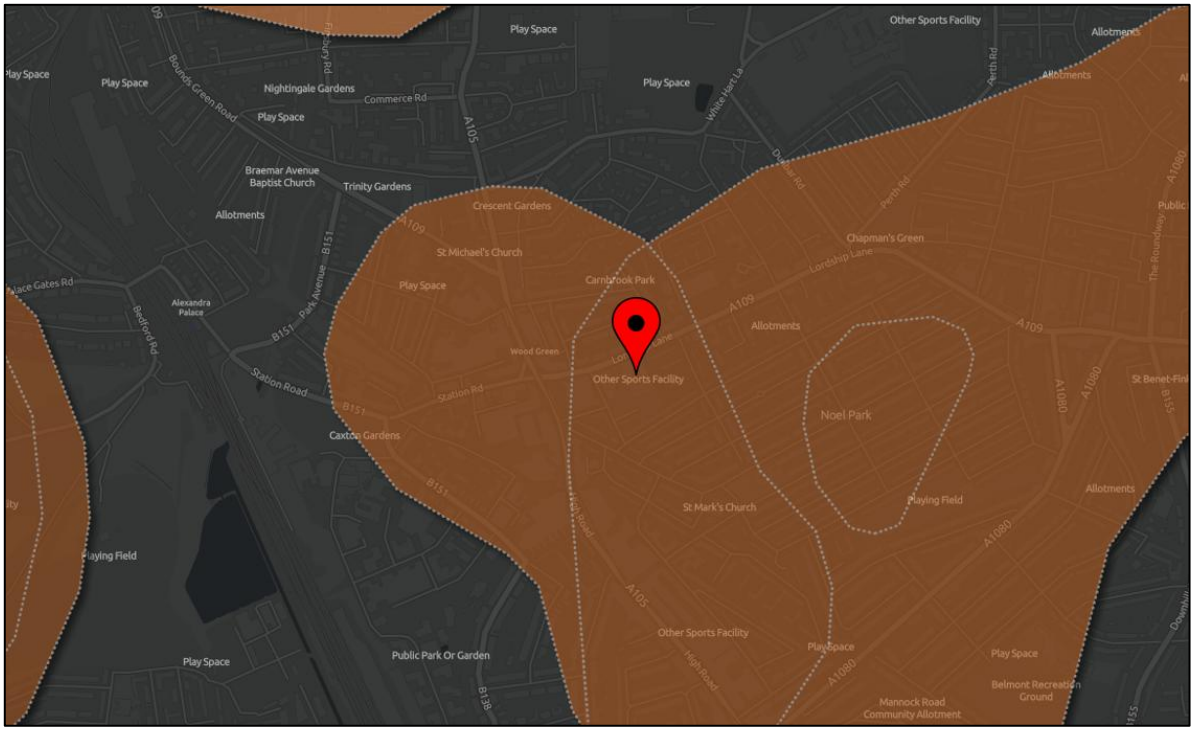


Figure 7 – Heat Network Priority Areas (https://apps.london.gov.uk/heatmap/)

Correspondence with the London Borough of Haringey during the planning stage, including initial discussions with Amber Management and Engineering Services Ltd, indicated that the proposed Wood Green heat network is anticipated to become operational by 2027 and may have the potential to serve the Proposed Development. SRE Ltd has subsequently contacted the London Borough of Haringey to seek confirmation of any updates regarding the delivery programme, specifications and availability of the proposed heat network. Please see Appendix H for the email correspondence with the council. For the email correspondence at the planning stage refer to the energy assessment produced by Amber Management and Engineering Services Ltd.

The proposed network is understood to utilise recovered heat generated from Energy from Waste (EfW) processes at the North London Waste Authority's Energy Recovery Facility in Edmonton. Accordingly, the Proposed Development has been designed to be heat network-ready to facilitate a future connection should the network become available.

The closest point of the proposed Wood Green network is approximately 67 m from the Site, as shown in Figure 8.

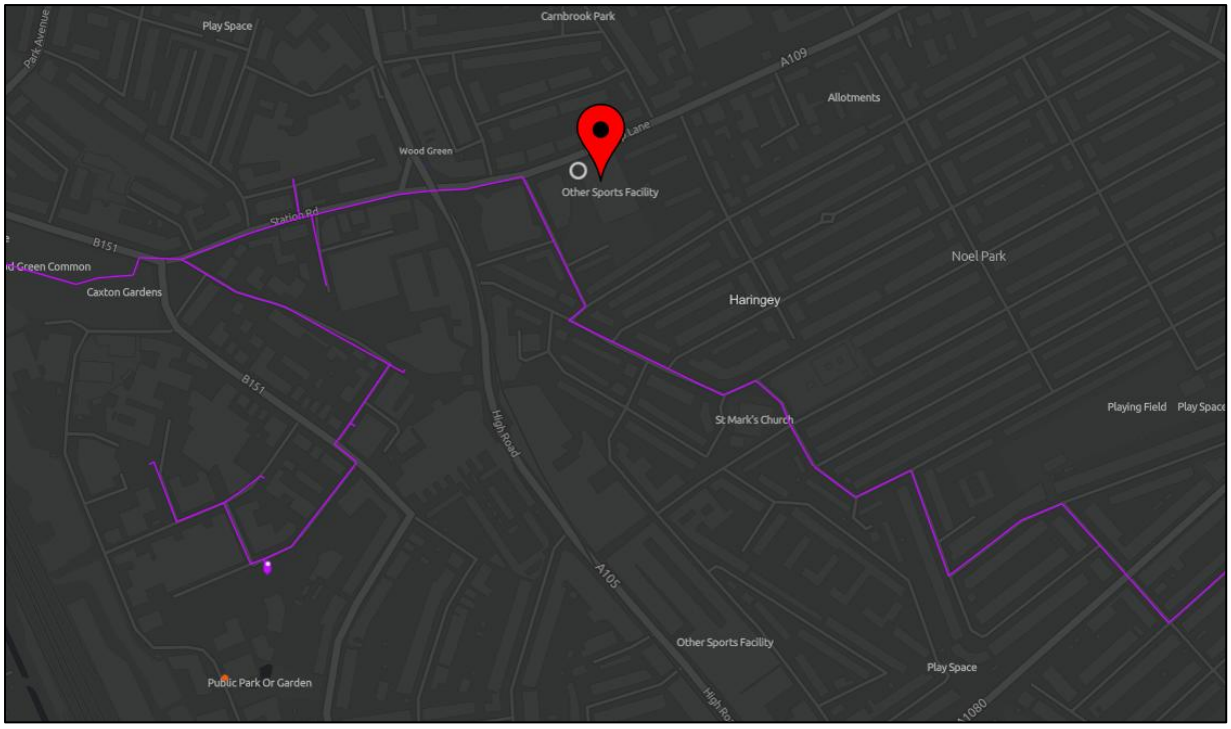


Figure 8 - Existing and Proposed District Heating Networks (https://apps.london.gov.uk/heatmap/)

DEN Timeline

In light of the Strategic Heat Network Update on Delivery (Cabinet Meeting Minutes) issued by the London Borough of Haringey on 17th June 2025, Haringey Cabinet resolved to pause its original plans to directly deliver the Tottenham Hale and Wood Green strategic heat networks through a Council-owned ESCo due to financial and borrowing constraints. The Council considers the schemes to remain viable and is actively exploring alternative delivery models in partnership with the government and the GLA. Please refer to Appendix I for the Heat Network Cabinet Report.

DEN Specifications

The DEN specifications listed below are based on the Haringey ESCo District Energy Scheme generic proposals and connection details[4].

- The proposed Energy Recovery Facility at Edmonton EcoPark is estimated to generate ~70MW (electricity only) and ~120MW (mix of electricity and heat).
- The plant is estimated to have an overall efficiency of 40-50%.
- Heat supplied by the Haringey District Energy Network (DEN) is considered very low carbon, with a SAP 10.2 carbon emission factor of 0.015 $kgCO_2e/kWh$, significantly lower than that of a typical air source heat pump (0.0544 $kgCO_2e/kWh$, assuming a CoP of 2.5)
- The COP of the heat production is estimated to be 7:1.

[4] Low Carbon Heat Supplies from the London Borough of Haringey's ESCo, HESCo (2023)

- The estimated distribution heat loss from the DEN pipework is approximately 5%.

DEN Connection and Heat Supply Charges

The Haringey District Energy Scheme also sets out caps on the connection charges for new-build residential development as follows:

- £1,500 per connected residential unit.
- £90/kW of capacity for the commercial areas.

The heat tariffs will be with fixed and variable elements, with bulk supplies to residential blocks discounted at ~15% from the variable unit charge and ~£90-£115 from the fixed charge. For commercial customers, a variable / fixed split will be applied, which takes into account the Whole Life Cost (WLC) of the gas boilers. The proposed fixed and variable charges are as follows[5]:

- Fixed charge - £30/month
- Variable Unit charge - 13 p/kWh

Proposed Development's Heat Loads

The Proposed Development's heating load are as follows. The loads have been calculated in line with CIBSE Code of Practice (CP) 1 Heat Networks: Code of Practice for the UK (2020), taking account of diversification.

- Block C Plant Load (For Residential Units) – 136 kW (Space Heating)
- Block C Peak Plant Load (For Residential Units) – 301 kW (Space Heating & Hot Water)
- Block A Plant Load (For PBSA) – 606 kW (Space Heating)
- Block A Peak Plant Load (For PBSA) – 1071.4 kW (Space Heating & Hot Water)

These values are based on the RIBA Stage 4 Technical design and can be used as indicative figures to inform the DEN provider about the DEN supply capability requirements.

DEN Connection Ready

The Proposed Development has allocated adequate plant room space to accommodate future district heating equipment. This space is clearly identified on the layout drawings included at Appendix D, maintained free from obstruction and arranged to ensure safe access for the installation, operation and maintenance of future equipment.

A safeguarded and clearly defined single entry route has been designated for the incoming district heating mains from the infrastructure within the main road, coordinated with all relevant services to ensure accessibility, protection and avoidance of root protection zones. All the below-ground pipework will be designed in line with the London Borough of Haringey's Buried district heating & comms – specification and requirements[6] and Guidelines for Pre-Insulated

[5] Low Carbon Heat Supplies from the London Borough of Haringey's ESCo, HESCo (2023)
[6] Buried district heating & comms – specification and requirements for the installation of developer primary connections (London Borough of Haringey, Revision 2, 2021)

District Heating Pipes and Communication Ducts Building Entries prepared by 3D Technical Design[7].

The design will aim to keep the network heat loss below the maximum permissible heat loss of 10% in line with Table 2-8 of Haringey – Low temperature district heating network technical specification for developers[8]. Please see Appendix D for the underground water service layout, including the DEN site entry and route.

A services route from the plant room to the dedicated district heating riser has been allocated; it is noted that some localised destructive works may be required to facilitate future pipework installation if necessary.

All spatial allowances have been developed based on the London Borough of Haringey's DEN guideline documents, comparable projects and established industry experience and are intended solely to safeguard the design against foreseeable spatial and coordination constraints. These provisions remain provisional and will be reviewed and refined once the LPA or network operator provides confirmed technical parameters for the Wood Green Heat Network.

Full details of the plant room layout, safeguarded route, connection point and pipework/riser arrangements are shown on the drawings included at Appendix D.

2.4 GREEN – Low Carbon and Renewable Energy

The design team has considered the inclusion of Green technologies to reduce the operational CO_2e emissions and enable the Proposed Development to reduce the reliance on the electricity grid.

Current UK and European markets offer a variety of renewable technologies. This section provides an overview of the proposed Green technologies. For further details on the LZC technology appraisal, please refer to the energy statement prepared by Amber Management and Engineering Services Ltd at the planning stage.

- **Heating and Hot Water:**
  - Residential - Highly efficient Air Source Heat Pump (ASHP) units serve the heating and hot water requirements via communal heat network and HIU units.
  - Non-Residential – Swegon Zeta Zero HP ASHP provide heating and hot water for the student bedrooms and communal kitchen/Living. Omicron Zero S4 will provide comfort cooling and heating to the ground-floor commercial and communal spaces via fan coil units. Samsung AC071RXADKG/EU to provide active cooling for the comms room.

- **Renewables**
  - Residential - Block D accounted for 8 no. panels per dwelling, except Block D1-05 accounted for 6 no. panels of 400 W each.
  - Non-Residential – A 123.3 kWp roof-mounted PV system, comprising 274 panels of 450 W each, designed to generate on-site renewable electricity.

[7] Guidelines for Pre-Insulated District Heating Pipes and Communication Ducts Building Entries prepared by 3D Technical Design (3D Technical Design, 2021)
[8] Haringey – Low temperature district heating network technical specification for developers

	Proposed Array (kWp)	No. Panels	Active Area (m^2)	Pitch (degrees)	Orientation
Block D - Houses	3.2 (per Dwelling) 2.4 (Block D1-05)	8 @ 400 W (per Dwelling) 6 @ 400 W (Block D1-05)	16 (per Dwelling) 12 (Block D1-05)	30^O	Southwest
Block A - PBSA	123.3	274 @ 450 W	548	10^O	South

Table 12 - Proposed PV Array Summary

Please refer to Table 13 and Table 14 for the Green CO_2 emissions and improvement over baseline for the Residential and Non-Residential schemes, respectively.

Energy Hierarchy Category	Average CO_2e emissions (t/yr)	Improvement over Baseline(%)
Baseline	75.6	
Green	14.7	81.0

Table 13 - Green CO_2e emissions and improvement over Baseline – Residential scheme

Energy Hierarchy Category	Average CO_2e emissions (t/yr)	Improvement over Baseline(%)
Baseline	79.0	
Green	51.7	35

Table 14 - Green CO_2e emissions and improvement over Baseline – Non Residential scheme

The Proposed Development will therefore exceed the minimum required 35% site-wide CO_2e emission improvement in accordance with the London Plan 2021.

The Haringey Local Plan encourages a 20% improvement in carbon reduction through on-site renewable energy generation. Although the Proposed Development incorporates a highly efficient ASHP system to meet heating, cooling and hot water demand, this technology is not classified as a low- or zero-carbon (LZC) solution and therefore cannot be counted within the

renewable energy stage of the Energy Hierarchy. Hence, the 20% improvement is achieved solely through the rooftop photovoltaic (PV) arrays.

2.5 Carbon Offsetting

The London Plan 2021 requires all 'major developments' to be net-zero carbon. Therefore, any residual emissions on the site created by the new buildings are required to be offset via the local Carbon Offset Fund.

The current price of CO_2e emissions in accordance with the London Plan is £95 per tonne and is calculated over a 30-year lifespan. Therefore, the required payments can be calculated with the formula below.

Carbon Offset Payment: ***Residual CO_2e emissions x £95 x 30 years***

An energy strategy has been developed and outlined above in line with the Energy Hierarchy and is shown to achieve and exceed the minimum required 35% CO_2e emissions offset.

The Proposed Development is expected to produce 66.34 tonnes/year of CO_2e emissions. Therefore, the carbon offset payment required is £189,069.00 as follows:

Carbon Offset Payment: ***66.34 tonnes/year x £95 x 30 years***

2.6 SEEN – In-use Monitoring

The London Plan 2021 introduced the Be Seen stage to complement the existing Be Lean, Be Clean, Be Green framework. The Be Seen initiative aims to reduce the gap between a building's predicted energy performance and its actual operational performance by:

- **Monitoring and Reporting**: Major developments are required to monitor and report their actual operational energy performance for at least five years using the Mayor's Be Seen monitoring portal.
- **Promoting Best Practices**: It encourages post-construction monitoring as a standard practice, helping developers and building owners understand their buildings better and identify opportunities for enhancing energy efficiency from the design phase through the building's life cycle.
- **Aligning Energy Performance**: Ensuring that the actual energy and carbon performance matches the estimated values is key to achieving London's zero-carbon goals.

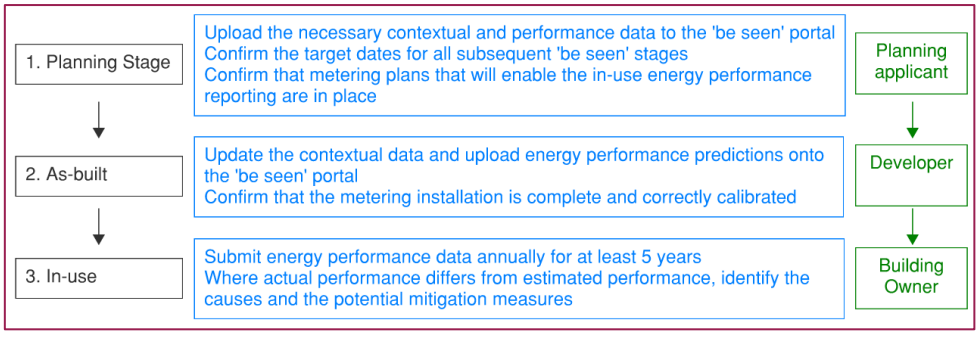
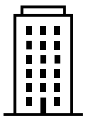
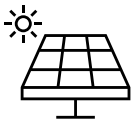
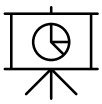


Figure 9 – 'Be Seen' process and responsibilities

At the planning stage, reporting is done for the entire development as a whole, whereas at the as-built and in-use stages, the development is split into a number of 'reportable units' (RUs) which applicants will need to report against individually to allow comprehensive reporting.

Third-party quality assurance mechanisms should be adopted to ensure accuracy in submissions of both predicted and measured performance. The allocation of the same person/team/organisation from design to in-use operation who will oversee the monitoring process for all different stages and who will be familiar with the intricacies of each project would be beneficial.

Accurate estimates of performer indicators (summarised in Table 15 below) at each stage of the process (planning, as-built, and in-use) will be provided through the 'Be Seen' reporting webforms available on the webpage of Greater London Authority (GLA) website[9].

Performance indicator group	Description
 Contextual data	Non-energy information such as data on location and typology/use of buildings.
 Building energy use	The energy and fuel imports including data from national energy grids and district heating connections. This will enable the building owner to report on the amount of energy being consumed.
 Renewable energy	The renewable energy generation within the development will identify how much energy is being generated on-site and where this is used.
 Energy storage equipment	Data on the building's energy storage equipment.
 Plant parameters	The performance of heat or cooling generation plant within energy centres that form part of a development.

[9] 'Be seen' energy monitoring guidance

Performance indicator group	Description
 Carbon emissions	The development's estimated carbon emissions at planning stage based on the appropriate carbon emission factors, as set out in the GLA's Energy Assessment Guidance. When on-site carbon reductions have been maximised, but a carbon shortfall still exists, the carbon offsetting contribution to the relevant local authority's fund should be reported.

Table 15 - 'Be Seen' Performance indicator groups

2.7 Energy Conclusion

The Proposed Development has considered energy efficiency at every stage of the design and will deliver energy demand reduction measures along with LZC technologies in order to reduce energy demand and associated CO_2e emissions resulting from the Proposed Development's operation.

The proposed energy strategy has been developed to facilitate the discharge of Planning Conditions 38 and 39 attached to the Haringey planning application (Ref: HGY/2024/0450), together with the relevant obligations set out in the Sixth Schedule (Energy and District Energy Network (DEN)) of the Section 106 Agreement, specifically Condition 2 (DEN) and Condition 3 (Energy Plan).

The energy strategy for the development incorporates a range of measures to improve efficiency and reduce carbon emissions, including:

- **Building Fabric:** Fabric-first design with all thermal elements exceeding Part L (V1 & V2) standards, reducing heating demand.
- **Fenestration:** Double glazing with a G-value of 0.28 (non-residential) and 0.36 (residential) has been specified for the scheme.
- **Lighting Services & Controls:**
    - Lighting System - 100% LED lighting with average efficacies of 120 lm/W (non-residential) and 100 lm/W (residential).
    - Lighting Controls - PIR sensors will be incorporated into the commercial, communal and circulation areas, with student bedrooms installed with absence detectors. Daylight sensors will be incorporated into daylit commercial and communal areas.
- **Ventilation:**
    - Residential - Vectaire EVO250DC MVHR.
    - Non - Residential –
        - Vent Axia MVDC-MSH extract units for all student bedrooms and common kitchen/living.
        - Vectaire Cool-Aire 1 MVHR systems for the units on the northern façade with acoustic limitations.
        - LMF Clima HRH 50, Samsung ERV AN080JSKLKN/EU and AN035JSKLKN/EU for communal and commercial spaces
        - Vent Axia extracts for ground floor WC's, Stores etc.
- **Heating and Hot Water:**
    - Residential - Highly efficient ASHP units serve the heating and hot water requirements via a communal heat network and HIU units.
    - Non-Residential – Swegon Zeta Zero HP ASHP provide heating and hot water for the student bedrooms and communal kitchen/Living. Omicron Zero S4 will provide comfort cooling and heating to the ground-floor commercial and communal spaces via fan coil units. Samsung AC071RXADKG/EU to provide active cooling for the comms room.
- **Renewables**
    - Residential - Block D accounted for 8 no. panels per dwelling, except Block D1-05 accounted for 6 no. panels of 400 W each.
    - Non-Residential – A 123.3 kWp roof-mounted PV system, comprising 274 panels of 450 W each, designed to generate on-site renewable electricity.

Table 16 and Figure 10 show site-wide CO_2e emission improvements in line with the Energy Hierarchy.

Energy Hierarchy Category	CO_2e emissions (t/yr)	Improvement over Baseline (%)
Baseline	154.66	
Lean	126.72	18.0
Clean	126.72	18.0
Green	66.34	57.0

Table 16 - Summary of regulated CO_2e savings for the Proposed Development – Site wide

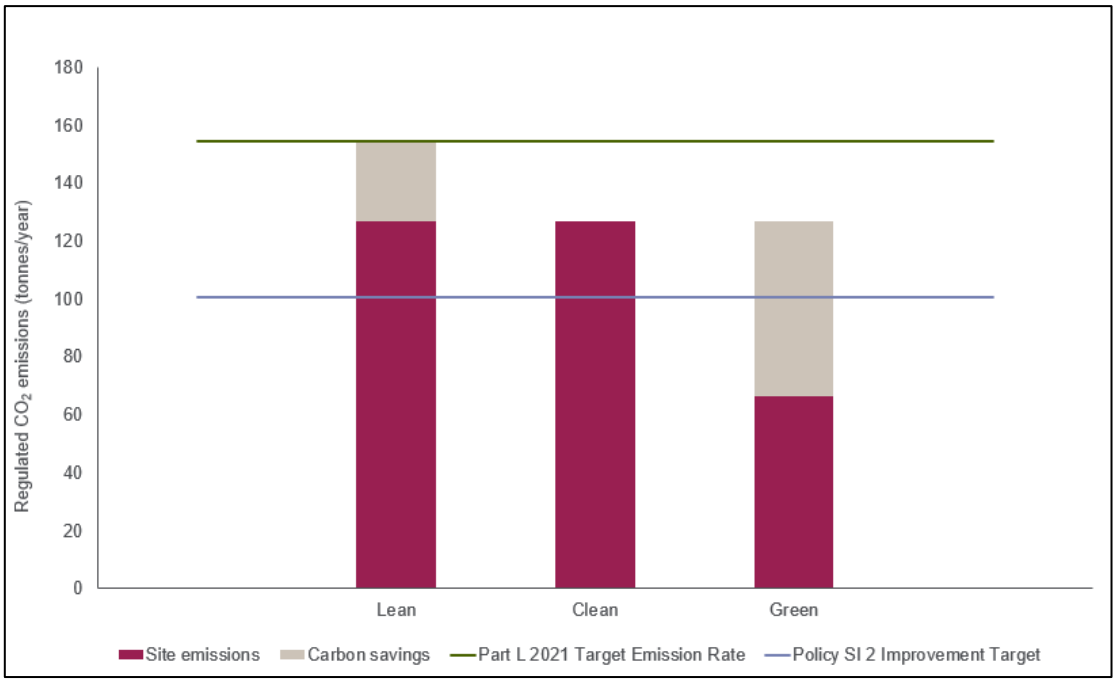


Figure 10 - Energy Hierarchy CO_2 emissions reduction graph – Site wide

The Proposed Development has been designed to incorporate energy strategies that address local planning policies and broader sustainability objectives. Through these design strategies and accompanying measures, the Proposed Development will comply with *Building Regulations Part L V1 & V2*.

The Proposed Development will deliver a site wide 15% carbon reduction through lean energy-efficiency measures and achieve a minimum 35% site-wide improvement in accordance with the London Plan 2021.

In accordance with Policy SI2 of the 2021 London Plan, a carbon contribution in lieu should be made using the most up-to-date carbon factors to address the 'regulated' emissions down to 'net zero' for the development. It is possible for the Proposed Development to achieve an 57% improvement in annual CO_2e emissions over the Baseline, reducing annual emissions from 154.66 tonnes CO_2e to 66.34 tonnes CO_2e annually. Therefore, a carbon offset payment of £189,069.00 would be required for the local Carbon Offset Fund.

Appendices

Appendix A – Site Plan





Block A - High Risk Building

Blocks B, C & D - Non - High Risk Buildings

NORTH

0 5.0 10.0 15.0 20.0 25.0 50.0m

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Rev.	Description	Date	Drw.	Chk.
C-00	Initial Issue for Construction	03.03.2026	SP	RJH

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License Number: 100022432

- Proposed Site Boundary
- Culverted Water Course Centre Line
- Culverted Water Course Potential Extents

Client:
TRI 7 (& Fusion)

Project:
Lordship Lane, Wood Green, London

Drawing Title:
Proposed Site Plan - PBSA

Drawing Status:
CONSTRUCTION

Corstorphine & Wright

Stourbridge Studio
The Old Library, Hagley Road, Stourbridge, West Midlands, DY8 1QH
01384 909 850
corstorphine-wright.com

Drawing No.: 1189-CWA-SW-XX-DR-A-1000
Revision: C-00

Project No.	Drawn	Checked	Size	Scale		Date
21820	SP	RJH	A1	1:500	I	23.07.2024

Appendix B – GLA Carbon Emissions Reporting Spreadsheet

TABLE 1. APPLICATION COMPLETENESS CHECK	
Development information tab (Tables 1-4) completed and included in appendix of energy strategy?	yes
Part L outputs tab completed	yes
EUI & space heating demand completed	yes
Confirmation that the planning stage webform will be completed at planning application submission and that the Be Seen process and reporting responsibilities are fully understood, including the requirement for as-built and in-use stage reporting to be undertaken (or where the legal owner changes from one reporting stage to another that the responsible party will be notified).	yes

TABLE 2. DEVELOPMENT DETAILS		Further notes	Response	Supporting comments (or signpost sections in the energy assessment)
Application details	Date of Application	Please provide the date the application was submitted to the Local Planning Authority.	*21/02/2024*	
	Local Planning Authority	Please indicate the Local Planning Authority determining the application.	*London Borough of Haringey*	
	Confirmed carbon offset price (£/tonne of carbon dioxide)	Please confirm the agreed carbon offset price for the Local Planning Authority. If no value is entered then the GLA's recommend price of £95 per tonne of carbon dioxide will be used.	*95.00*	
	Evidence of communication on the carbon offset price included in the energy assessment (Y/N).		*Y*	
	Residential units number (Part L1)		*78*	
	Non-residential floor area in m^2 (Part L2)		*18415.10*	
Heat risk	CIBSE TM59 undertaken for residential development (Y/N)		*Y*	
	CIBSE TM52 undertaken for non-residential development (Y/N)		*Y*	
	All sample units meet CIBSE criteria with DSY1 weather file (Y/N)		*Y*	
	DSY2 and DSY3 included in overheating assessments (Y/N)		*Y*	
	Residential g-value		*0.36 and 0.28*	
	% Glazing Ratio over façade		*0.19*	
	External shading proposed (Y/N)		*Y*	
Energy efficiency measures	Target Fabric Energy Efficiency met (Y/N)		*Y*	
	Mechanical Ventilation with Heat Recovery included (Y/N)		*Y*	
	Waste Water Heat Recovery (Y/N)		*N*	
	Low energy lighting (Y/N)		*Y*	
District heating connection	Development in a Heat Network Priority Area (HNPA) (Y/N)		*Y*	
	District Heating Network connection (Y/N)		*N*	
	Name of District Heating Network		*Wood Green Heat Network*	
	Carbon factor ($kgCO_2$/ kWh)		*0.02*	
	Borough energy officer and Heat Network Operator contacted and evidence of correspondence included in the energy strategy (Y/N)	Applicable to all applications.	*Y*	
Site heating distribution configuration	Development future proofed for DHN connection (Y/N)	Note that individual heating systems would not be appropriate for developments in HNPAs.	*Y*	
	Drawings of communal system provided (Y/N)	Applicants should provide a drawings of the energy centre, on-site communal network with all building uses connected and future proofing arrangements detailed, including single point of connection.	*Y*	
	Distribution type		*communal system (site wide)*	
	Flow temperature (°C)		*~25*	
	Return temperature (°C)		*~15*	
	Distribution losses modelled (%)	See table 4 below for details.	*<10%*	
Heating system performance	Heat Pump (Y/N)		*Y*	
	Heat Pump source		*Air Source*	
	Centralised Heat Pump capacity (kWth)		*See Appendix F of Energy Statement*	
	Heat Pump Seasonal Heating Efficiency (SCoP)		*See Appendix F of Energy Statement*	
	Heat Pump SCoP calculation includes heat source and heat distribution temperature and seasonal performance factor. (Y/N)	See table 5 below for details.	*Y*	
	Fraction of heat supplied by heat pump (only for hybrid systems with boilers) (%)		*n/a*	
	Low-emission on-site CHP enabling an area-wide heat network (Y/N)	Only low-emission CHP is suitable and only where it is facilitating an area-wide heat network. Therefore, new gas engine CHP is not suitable for any other purpose for new developments.	*N*	
	CHP (kWe)		*n/a*	
	Estimated end user cost (pence/kWh)		*n/a*	
	Energy assessment includes consideration of occupant running costs (Y/N)	Applicants should consider the estimated costs to occupants of the energy assessment and outline how they are committed to protecting the consumer from high prices.	*Y*	
Solar technologies	Solar PV included (Y/N)		*Y*	
	Roof layout demonstrating solar PV technologies have been maximised included in energy strategy (Y/N)		*Y*	
	kWh generated		*See section 2.4 of Energy Statement*	
	kWp		*See section 2.4 of Energy Statement*	
	Total PV panel area (m^2) installed		*See section 2.4 of Energy Statement*	
	Solar Thermal included (Y/N)		*N*	
	Solar Thermal panel area (m^2) installed		*n/a*	
Flexibility and peak energy demand	Site-wide peak demand, capacity and flexibility potential included in energy assessment (Y/N)	Table 9 in the energy assessment guidance to be completed.	*Y*	
	Interventions for achieving flexibility included in energy assessment (Y/N)	Table 10 in the energy assessment guidance to be completed.	*Y*	
	Estimated peak demand (MW)		*See section 2.3 of Energy Statement*	
	Electrical energy storage (kWh) capacity		*n/a*	
	Heat energy storage (kWh) capacity		*n/a*	
Other technologies	System type (e.g. wind turbine)		*n/a*	
	Capacity (kW)		*n/a*	
Cooling	Cooling proposed - Residential (Y/N)	It is not expected that 'active cooling' will be proposed for any residential developments. It will be expected that applicants can fully demonstrate that all passive design measures have been thoroughly investigated before considering 'active cooling'.	*N*	
	Cooling proposed - Non-residential (Y/N)		*Y*	
	Residential Cooling consumption (kWh p.a.)	See note in cell C60.	*n/a*	
	Commercial Cooling consumption (MJ p.a.)		*3532016.18*	

TABLE 3. BESPOKE DH CARBON FACTOR CALCULATION METHODOLOGY
Please provide below details of the calculation methodology followed to establish the bespoke carbon factor, if applicable.

TABLE 4. DISTRIBUTION LOSSES				COMMENTS
Primary network (buried pipe)	Total pipe length (m)	See section 2.3 of Energy Statement		
	Average heat loss rate (W/m)		<10%	
Secondary network (buried pipe)	Total pipe length (m)	See section 2.3 of Energy Statement		
	Average heat loss rate (W/m)		<10%	
Total losses (MWh/year)			No	
Total heat supplied (MWh/year)			No	
Distribution Loss Factor (DLF)			No	
Calculation included in energy statement (yes/no)			No	

TABLE 5. SEASONAL COEFFICIENT OF PERFORMANCE (SCOP) CALCULATION METHODOLOGY
Details of the Seasonal Coefficient of Performance (SCOP), the Seasonal Performance Factor (SFP) and Seasonal Energy Efficiency ratio (SEER), which should be used in the energy modelling. This should be based on a dynamic calculation of the system boundaries over the course of a year i.e. incorporating variations in source temperatures and the design sink temperatures (for space heat and hot water). Details of the assumptions should be included in the energy assessment, including manufacturer datasheets showing performance under test conditions for the specific source and sink temperatures of the proposed development and assumptions for hours spent under changing source temperatures.

The applicant should complete all the light blue cells including information on the modelled units, the area per unit, the number of units, the TER/DER/BER and the TFEE/DFEE.

RESIDENTIAL CO_2 ANALYSIS (PART L1)

				Baseline		'Be Lean'	'Be Clean'	'Be Green'	Fabric Energy Efficiency (FEE)		Baseline		'Be Lean'			'Be Clean'			'Be Green'	
Unit identifier (e.g. plot number, dwelling type etc.)	Model total floor area	Number of units	Total area represented by model	TER	Energy saving/generation technologies (-)	DER	DER	DER	Target Fabric Energy Efficiency	Dwelling Fabric Energy Efficiency	Part L 2021 CO_2 emissions	Energy saving/generation technologies	Part L 2021 CO_2 emissions	Part L 2021 CO_2 emissions with Notional PV savings included	'Be Lean' savings	Part L 2021 CO_2 emissions	Part L 2021 CO_2 emissions with Notional PV savings included	'Be Clean' savings	Part L 2021 CO_2 emissions	'Be Green' savings
	(m^2) (Row 4)		(m^2)	(kgCO_2 / m^2) (Row 273)	(kgCO_2 p.a.) (Row 269)	(kgCO_2 / m^2) (Row 273 or 384)	(kgCO_2 / m^2) (Row 273 or 384)	(kgCO_2 / m^2) (Row 273 or 384)	(kWh/m^2)	(kWh/m^2)	(kgCO_2 p.a.)	(kgCO_2 p.a.)	(kgCO_2 p.a.)	(kgCO_2 p.a.)	(kgCO_2 p.a.)	(kgCO_2 p.a.)	(kgCO_2 p.a.)	(kgCO_2 p.a.)	(kgCO_2 p.a.)	(kgCO_2 p.a.)
B01	238.3	1	238.3	16.31	-54.90	15.84	15.84	3.84	33.16	29.41	3,888	-56	3,775	3,720	168	3,775	3,720	0	915	2,865
B03	383.2	1	383.2	12.42	-102.78	11.25	11.25	3.00	33.16	29.41	4,787	-103	4,311	4,208	549	4,311	4,208	0	1,150	3,059
B15	839.4	1	839.4	10.89	-75.22	9.13	9.13	2.45	33.16	29.41	9,145	-75	7,664	7,589	1,556	7,664	7,589	0	2,057	5,532
B25	315.2	1	315.2	12.42	-75.22	11.15	11.15	2.94	33.16	29.41	3,915	-75	3,514	3,439	476	3,514	3,439	0	927	2,513
C04	741.24	1	741.24	12.28	-104.75	10.50	10.50	2.83	33.16	29.41	9,102	-105	7,783	7,678	1,424	7,783	7,678	0	2,098	5,581
C09	274.65	1	274.65	15.32	-58.78	13.42	13.42	3.34	33.16	29.41	4,208	-59	3,686	3,627	581	3,686	3,627	0	917	2,710
C22	1287.45	1	1287.45	10.59	-77.05	9.35	9.35	2.48	33.16	29.41	13,634	-77	12,038	11,961	1,673	12,038	11,961	0	3,193	8,768
C37	850.51	1	850.51	20.12	-56.37	13.43	13.43	3.34	33.16	29.41	17,112	-56	11,422	11,366	5,746	11,422	11,366	0	2,841	8,525
D1-01	270.81	1	270.81	10.98	-317.74	11.19	11.19	0.63	33.16	29.41	2,973	-318	3,030	2,713	261	3,030	2,713	0	171	2,542
D1-03	405.39	1	405.39	9.60	-317.74	9.62	9.62	0.28	33.16	29.41	3,892	-318	3,900	3,582	310	3,900	3,582	0	114	3,469
D2-02	274.5	1	274.5	11.00	-327.44	11.25	11.25	0.99	33.16	29.41	3,020	-327	3,088	2,761	259	3,088	2,761	0	272	2,489
Sum		**11**	**5,881**	**12.9**	**-116.5**	**10.9**	**10.9**	**2.5**	**33.2**	**29.4**	***75,646***	***-1,568***	***64,211***	***62,643***	***13,003***	***64,211***	***62,643***	***0***	***14,652***	***47,991***

NON-RESIDENTIAL CO_2 ANALYSIS (PART L2)

				Baseline		'Be Lean'	'Be Clean'	'Be Green'			Baseline		'Be Lean'			'Be Clean'			'Be Green'	
Building Use	Model Area	Number of units	Total area represented by model	BRUKL TER	BRUKL Displaced electricity (-)	BRUKL BER	BRUKL BER	BRUKL BER			Part L 2021 CO_2 emissions	Energy saving/generation technologies	Part L 2021 CO_2 emissions	Part L 2021 CO_2 emissions with Notional PV savings included	'Be Lean' savings	Part L 2021 CO_2 emissions	Part L 2021 CO_2 emissions with Notional PV savings included	'Be Clean' savings	Part L 2021 CO_2 emissions	'Be Green' savings
	(m^2)		(m^2)	(kgCO_2 / m^2)	(kWh / m^2)	(kgCO_2 / m^2)	(kgCO_2 / m^2)	(kgCO_2 / m^2)			(kgCO_2 p.a.)	(kgCO_2 p.a.)	(kgCO_2 p.a.)	(kgCO_2 p.a.)	(kgCO_2 p.a.)	(kgCO_2 p.a.)	(kgCO_2 p.a.)	(kgCO_2 p.a.)	(kgCO_2 p.a.)	(kgCO_2 p.a.)
	18415.1	*1*	*18415.1*	**4.19**	**0.00**	**3.39**	**3.39**	**2.72**			**76,975**	**0.00**	**62,427.19**	**62,427**	**14,548**	**62,427**	**62,427**	**0**	**50,089**	**12,338**
Retail	*674.6*	*1*	*674.6*	**3.02**	**0.00**	**2.45**	**2.45**	**2.37**			**2,037**	**0.00**	**1,652.77**	**1,653**	**385**	**1,653**	**1,653**	**0**	**1,599**	**54**
Sum		**2**	**19,090**	**4.1**	**0.0**	**3.4**	**3.4**	**2.7**			***79,012***	***0***	***64,080***	***64,080***	***14,932***	***64,080***	***64,080***	***0***	***51,688***	***12,392***
SITE-WIDE ENERGY CONSUMPTION AND CO_2 ANALYSIS																				
Total Sum			**24,970**	-	-	-	-	-			***154,658***	***-1,568***	***126,291***	***126,723***	***27,935***	***128,291***	***126,723***	***0***	***66,340***	***60,383***

Part L 2021 Performance

Residential

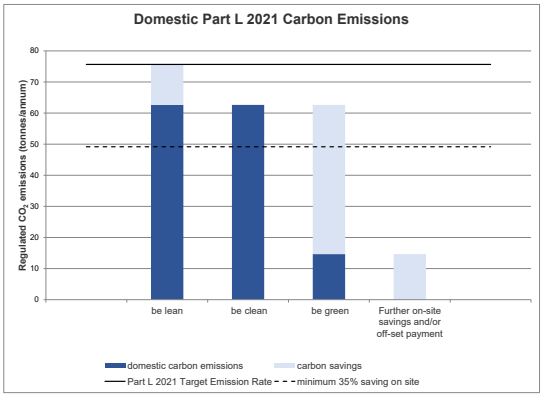
Table 1: Carbon Dioxide Emissions after each stage of the Energy Hierarchy for residential buildings

	Carbon Dioxide Emissions for residential buildings (Tonnes CO_2 per annum)	
	Regulated	Unregulated
Baseline: Part L 2021 of the Building Regulations Compliant Development	75.6	
After energy demand reduction (be lean)	62.6	
After heat network connection (be clean)	62.6	
After renewable energy (be green)	14.7	

Table 2: Regulated Carbon Dioxide savings from each stage of the Energy Hierarchy for residential buildings

	Regulated residential carbon dioxide savings	
	(Tonnes CO_2 per annum)	(%)
Be lean: savings from energy demand reduction	13.0	17%
Be clean: savings from heat network	0.0	0%
Be green: savings from renewable energy	48.0	63%
Cumulative on site savings	**61.0**	**81%**
Annual savings from off-set payment	14.7	-
	(Tonnes CO_2)	
Cumulative savings for off-set payment	**440**	-
Cash in-lieu contribution (£)	**41,759**	

*carbon price is based on GLA recommended price of £95 per tonne of carbon dioxide unless Local Planning Authority price is inputted in the 'Development Information' tab



Non-residential

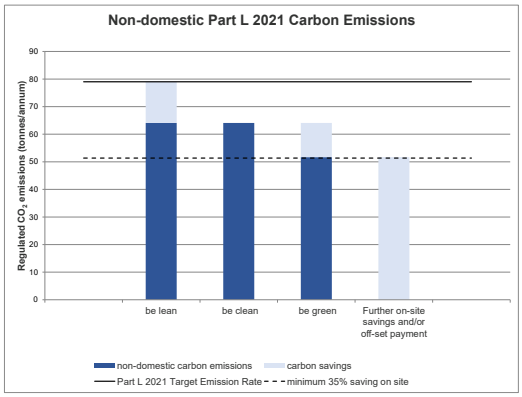
Table 3: Carbon Dioxide Emissions after each stage of the Energy Hierarchy for non-residential buildings

	Carbon Dioxide Emissions for non-residential buildings (Tonnes CO_2 per annum)	
	Regulated	Unregulated
Baseline: Part L 2021 of the Building Regulations Compliant Development	79.0	
After energy demand reduction (be lean)	64.1	
After heat network connection (be clean)	64.1	
After renewable energy (be green)	51.7	

Table 4: Regulated Carbon Dioxide savings from each stage of the Energy Hierarchy for non-residential buildings

	Regulated non-residential carbon dioxide savings	
	(Tonnes CO_2 per annum)	(%)
Be lean: savings from energy demand reduction	14.9	19%
Be clean: savings from heat network	0.0	0%
Be green: savings from renewable energy	12.4	16%
Total Cumulative Savings	**27.3**	**35%**
Annual savings from off-set payment	51.7	-
	(Tonnes CO_2)	
Cumulative savings for off-set payment	**1,551**	-
Cash in-lieu contribution (£)	**147,310**	

*carbon price is based on GLA recommended price of £95 per tonne of carbon dioxide unless Local Planning Authority price is inputted in the 'Development Information' tab



SITE-WIDE

	Total regulated emissions (Tonnes CO_2 / year)	CO_2 savings (Tonnes CO_2 / year)	Percentage savings (%)
Part L 2021 baseline	154.7		
Be lean	126.7	27.9	18%
Be clean	126.7	0.0	0%
Be green	66.3	60.4	39%
Total Savings	-	88.3	57%
	-	**CO_2 savings off-set (Tonnes CO_2)**	-
Off-set	-	**1,990.2**	-

	Target Fabric Energy Efficiency (kWh/m²)	Dwelling Fabric Energy Efficiency (kWh/m²)	Improvement (%)
Development total	33.16	29.41	11%

	Area weighted non-residential cooling demand (MJ/m^2)	Total non-residential cooling demand (MJ/year)
Actual	191.8	3532016.18
Notional	245.4	4519065.54

Appendix C – SAP and SBEM Summary Sheets

The attached documents include:

- SBEM Specification sheet
- SAP Specification sheet
- Green Scenario – Building Regulations United Kingdom Part L V2(BRUKL) - PBSA
- Lean Scenario – Building Regulations United Kingdom Part L V2 (BRUKL) - PBSA
- Block Compliance Reports

Lordship Lane, London

sre

Approved Document L, Conservation of fuel and power, Volume 2: Buildings other than dwellings, 2021 edition incorporating 2023 amendments

Building Type	Address	As-Designed/ As-Built Drawings	SBEM Level	EPC	BER	TER	Improvement (%)	BPER	TPER	Improvement (%)
C2: University or college	707 -725 Lordship Lane Wood Green, London, N22 5JY	As Designed (Stage 4)	5		2.72	4.18	35%	28.15	44.23	36.36%

Construction Element	U-Value	Description
External Wall	0.14	To meet Architectural specs (NCHE17946- Lordship Lane, Ex Wall (Block A Walls)
External Wall (8F Cladding)	0.18	To meet Architectural specs
Internal Wall - (Heated/Unheated spaces)	0.46	To meet Architectural specs
Internal Wall - General (Condition/Condition)	-	To meet Architectural specs
Internal Floor - Unheated to Heated	0.12	To meet Architectural specs
Ground Floor	0.08	To meet Architectural specs (MB-TD-2781-lorship lane london - FLOORS - Ground Floor - Insulation above slab (150mm))
Flat Roof	0.10	To meet Architectural specs (B242696_LordshipLane_UValueCalculation_BlockA-B-C-MainRoof_29.05.2024)

Construction Element	U-Value	G Value	Frame Factor	Description (manufacturer, make and model)
External Window	1.19	0.28	10%	Double Glazing with Whole Window U-value
Solid Doors	1.40	n/a	n/a	As per architectural inputs

Construction Notes	Description (manufacturer, make and model)
Air-permeability	2 $m^3/hr/m^2$ (As confirmed within the SRE workshop)

Heating and Cooling	System Details	Location	Emitter	Controls
Heating system 1	Air Source Heat Pump 2 pipe- Swegon Zeta Zero HP 22.6 (COP 3.11 ; SCOP 3.22)	All student accommodation rooms	Radiator	Centralised Time and Temperature
Heating/Cooling System 2 (Fan coil system) - GF	Air Source Heat Pump 4 pipe- Omicron Zero S4 22.6 (COP 3.11 ; SCOP 3.22 ; EER 2.7 ; SEER 3.81)	GF, Social spaces	FCU , SFP at zone level 0.21	Centralised Time and Temperature
Heating/Cooling System 3 - Comms Room	Samsung AC071RXADKG/EU AC071TNXDKG/EU (SCOP 4 ; SEER 6.8 ; EER 3.09 ; COP 3.4)	Comms Room	Wall mounted	Centralised Time and Temperature

Hot Water	System Details	Secondary Circulation	Circulation Losses (W/m)	Pump Power (kW)	Loop Length (m)	Storage Tank (l)	Storage Losses (kWh/l.day)
Domestic Hot Water System - PBSA. Ormandy Rycroft Evoplate 2000L	Air Source Heat Pump- From main system (SCOP 3.22)	Y	5.1	0.20 (Default)	2988	2000*3	0.002

Ventilation	System Details	SFP (W/l/s)	Leakage tested ductwork CEN Classification	AHU CEN leakage standards class	Heat Recovery	Heat Recovery Efficiency (%)	Heat Recovery Type	Variable HR
Mechanical Ventilation 1 - MEV Upper floors	MEV-MVDC-MS/MSH Multivent	0.15 if Flow rate 21(l/s),	-	-	N	-	-	-
Mechanical Ventilation 2 - MVHR with cooling unit- Upper Floors _North Façade	Vectalre -EVO250 (Kitchen + 1 additional wet room) / Vectalre -Cool-Aire	0.70	-	-	Y	88.00%	Plate Heat Exchanger	-
Mechanical Ventilation 3 - MVHR GF - 4 units	Samsung ERV AN080JSKLKN/EU (GYM,Breakout , Silent Study, Yoga)	0.80	-	-	Y	78.00%	Plate Heat Exchanger	
Mechanical Ventilation 4 - MVHR GF - 1 units -	Samsung ERV AN035JSKLKN/EU Performance area	1.12 (Low mood),	-	-		79.00%	Plate Heat Exchanger	
Mechanical Ventilation 5 - Extract GF	Vent Axia	GYM WC/ Change Rooms / Storage/WC/ACC WC 0.4. Staff WC 0.5. PBSA Refuse 0.3. PBSA Cycle 0.5. PBSA Plant and plant 0.5.	-	-	N		-	-
Mechanical Extract 6 - AHU	LMF Clima, HRH 50 - Bar, lounge, reception, private dining, Laundry . Multy faith, meeting room Casual study, creative study, editing studio, podcast, Staff office,	0.86	-	-	Y	86.30%	Plate Heat Exchanger	-

Electrical Flow Control		Description
Power Correction Factor	Y	<0.95
Separate Metering	Y	Separate metering and BMS system for the heating, cooling, lighting and domestic hot water in accordance with TM39

Renewables	Description
PV	Approx. 548 m2 (South Facing) PV Panels with an inclination of 10 degrees making an array of 274 no. of Panels
Solar Water Heating	N
Wind Turbine	N

Lighting	Description
Lighting	New high efficiency LED: Corridor 120 lm/W, LOR 1 New high efficiency LED: 120lm/W, LOR 1 - PBSA
Lighting Controls	MAN-ON-Auti-Off (PBSA) / Auto ON-OFF (Social space GF - Non Resi space GF - Corridors) / Daylight sensors (Social spaces GF, Non Resi space GF)
Parasitic Power	0.1 W/m2 assumed for stand-alone sensors and 0.05 W/m2 where daylight sensors present

Sign Off of details	Name	Jean Dib	Date	18.06.2026	By signing this document, I declare that the aformentioned details are all correct as per the final "as build" specifications:	Name		Date	
						Sign			

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info@sre.co.uk

Block B-D,Lordship Lane, Wood Green, London

sre

BRegs LV1 2021 (with 2023 amendments) | Planning Authority: London Borough of Haringey | V1 Rev A

Design Typology	Unit	External Wall	Flat Roof	Exposed Floor	Windows	External Door	Air Permeability	MVHR	Space Heating	DHW Heating	HW Cylinder	Renewables (PV)	Renewables (PV)	EPC	DER v TER Improvement	DFEE vs TFEE Improvement	DPER vs TPER Improvement
Building	Unit	U Value	U Value	U Value	U Value	U Value	m³/m².hr	Y/N	Type	Type	(litres)	(kWp)	(m²)	(Rating)	%	%	%
Block B	-	0.14	0.10	0.11	1.20	1.20	3.00	Y	Communal Heat Network with individual HIU's		-	-	-	82-B	77.99	14.78	56.30
Block C	-													83-B	77.24	11.04	54.77
Block D	-													90-B	93.92	6.32	72.61

*Scheme assessed under Block Compliance

Fabric Elements

Element	U Values	Description
External Wall (Block B & C)	0.14	Finish to architectural specification to meet required U-Value. (Ref: NCAF10661 Lordship Lane Ex Wall Brk SFS (B and C Wall Nyrock))
External Wall (Block B & C) Walls to unheated spaces (Refuse etc)	0.15	Finish to architectural specification to meet required U-Value. (Ref: Richard Hill - Internal Wall 1 - Lordship Lane)
External Wall (Block D)	0.16	Finish to architectural specification to meet required U-Value. (Ref: Email from Duncan Milles - Cfield date 18.05.2026)
Flat Roof - (Block B & C)	0.10	Finish to architectural specification to meet required U-Value; (Ref: Bauder - B242696_LordshipLane_UValueCalculation_BlockA-B-C-MainRoof_29.05.2024)
Cold Roof - (Block D)	0.10	Finish to architectural specification to meet required U-Value; (Ref: NCAF10661 Lordship Lane Cold Roof 01 (Block D Roof))
Exposed Floor - Soffit *(Unheated & commercial below)*	0.11	Finish to architectural specification to meet required U-Value. (Ref: NCHE17946- Lordship Lane, Soffit)
Ground Floor (Block B & C)	0.09	Finish to architectural specification to meet required U-Value. (Ref: Kingspan - Lordship Block B Floor, Lordship Block C Floor)
Ground Floor (Block D)	0.10	Finish to architectural specification to meet required U-Value. (Ref: Kingspan - Block D - Floor U Valuer)
Windows (Block B & C)	1.20	Double Low-E glazing. Centre of glass g-value = 0.36. (Targeted Spec to comply with Part L & Part O Building Regulations) Evidence to provided with BRFC
Windows (Block D)	1.20	Double Low-E glazing. Centre of glass g-value = 0.36. (Targeted Spec to comply with Part L & Part O Building Regulations) Evidence to provided with BRFC
External Solid Door *(Residential)*	1.20	Finish to architectural specification to meet required U-Value. (Ref: Amber - B2921 - Lordship Lane, London - Energy Statement v4.4)
Construction Details (PSI values)	-	Table K1 Defaults whwre Psi-values/Junctions are not calculated. Junctions independently assessed by SRE (Ref: Thermal Bridge Assessment Report)

Building Systems

Element	Description
Air Permeability	Blower door air pressure test to be performed and designed to achieve 3.00m³/m²hr@50Pa or superior - Targeted Spec
Mechanical Ventilation	Modelled as the Vectaire EVO250DC with Rigid Ducting, with the unit located within the heated envelope - (Ref: Amber - B2921 - Lordship Lane, London - Energy Statement v4.4)
Lighting	Low energy lighting with an efficacy of 100 lm/W or superior to be installed throughout.- (Ref: Amber - B2921 - Lordship Lane, London - Energy Statement v4.4)
Space Heating and Domestic Hot Water	Modelled as a combined space heating and domestic hot water provided by the communal heat network and HIU units - (Ref: ~~$B2921 - Lordship Lane, London - Residential - Mechanical and Electrical Building Services Employers Requirements Specification v2.0) Modelled at Distribution Loss Space: 1.10 (Placeholder Assumption unitl BRE Registration is confirmed) ; Overall Efficiency: 330% - (Ref: Amber - B2921 - Lordship Lane, London - Energy Statement v4.4)
Heating Controls	Charging system linked to use of Community heating, programmer and TRVs - (Ref: Amber - B2921 - Lordship Lane, London - Energy Statement v4.4)
Showers and Baths	Quantities as per plan. Showers modelled as 8l/min. - (Ref: Ideal Standard Idealrain Shower Kit) Cold water source from header tank
Hot Water Cylinder	Heat Interface Units (HIU) with default Indirect HIU heat loss of 1.44kWh/day
Renewables	None connected to Block B & C Block D accounted 8 panels per dwelling except Block D1-05 accounted 6 panels of 400 W each.
Notes	**1) HIU heat loss is selected as default, as the SAV HIU's are not listed within the Product Characteristics Database (PCDB).** **2) Heat Network should be on BRE PCDB database to utilise the calculated Distribution Loss factor <1.5**

Sign Off of details	Name	Manas Bane	Date	29.05.2026	On behalf of the contractor/client:	Name		Date	
	Sign	(on behalf of SRE)				Sign			

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Block B-D,Lordship Lane, Wood Green, London

Bridge Type	Psi Value	Reference
E2 Other Lintel (Block B & C)	0.003	SRE Assessed
E2 Other Lintel (Block D)	0.023	SRE Assessed
E3 Sill (Block B. C & D)	0.100	Default
E4 Jamb (Block B & C)	0.031	SRE Assessed
E4 Jamb (Block D)	0.036	SRE Assessed
E5 Ground floor (normal) (Block B & C)	0.170	SRE Assessed
E5 Ground floor (normal) (Block D)	0.320	Default
E6 Intermediate floor (Block B & C)	0.140	Default
E6 Intermediate floor (Block D)	0.002	SRE Assessed
E7 Party floor between dwellings (Block B & C)	0.056	SRE Assessed
E10 Eaves - insulation at ceiling level (Block D)	0.179	SRE Assessed
E12 Gable - insulation at ceiling level (Block D)	0.250	Default
E14 Flat Roof (Block B & C)	0.160	Default
E15 Parapet Roof between apartments and corridor (Block B & C)	0.010	SRE Assessed
E15 Flat Roof - With a parapet (Block D)	0.109	SRE Assessed
E16 Corner (normal) (Block B & C)	0.014	SRE Assessed
E16 Corner (normal) - Block D	0.048	SRE Assessed
E16 Corner (normal) - (Block B & C) RCC Column	0.084	SRE Assessed
E17 Corner (inverted- internal area greater than external area) - (Block D)	0.000	Default
E18 Party wall between dwellings	0.020	SRE Assessed
E18 Party wall between dwellings - (Block D)	0.053	SRE Assessed
E20 Exposed Floor (Block B & C)	0.254	SRE Assessed
E21 Exposed Floor (inverted) (Block B & C)	0.320	Default
E23 Balcony (Block B & C)	0.094	SRE Assessed
E24 Eaves - insulation at ceiling level - inverted (Block B & D)	0.150	Default
E25 Staggered Party Wall between Dwellings (Block B, C & D)	0.240	Default
P1 Party Wall - Ground Floor (Block B, C & D)	0.320	Default
P2 Party Wall - Intermediate floor within a dwelling (Block D)	0.000	Default
P4 Party Wall - Roof (insulation at ceiling level) (Block B & C)	0.480	Default
P4 Party Wall - Roof (insulation at ceiling level) (Block D)	0.140	SRE Assessed
P5 Party Wall - Roof (insulation at rafter level) (Block C)	0.480	Default
P7 Party Wall - Exposed Floor (normal) (Block B & C)	0.480	Default
P8 Party Wall - Exposed Floor (inverted)	0.480	Default

Sign Off of details					On behalf of the contractor/client:			
	Name	Manas Bane	Date	29.05.2026		Name		Date	
	Sign	(on behalf of SRE)				Sign			

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BRUKL Output Document

HM Government

Compliance with England Building Regulations Part L 2021

Project name

Lordship Lane

As designed

Date: Tue Jun 16 17:20:07 2026

Administrative information

Building Details

Address: 707 -725 Lordship Lane Wood Green, London, N22 5JY

Certifier details

Name: Jean

Telephone number: Phone

Address: Cross Lanes, Guildford, GU1 1UJ

Certification tool

Calculation engine: Apache

Calculation engine version: 7.0.31

Interface to calculation engine: IES Virtual Environment

Interface to calculation engine version: 7.0.31

BRUKL compliance module version: v6.1.e.1

Foundation area [m^2]: 1461.84

The CO_2 emission and primary energy rates of the building must not exceed the targets

Target CO_2 emission rate (TER), $kgCO_2/m^2.annum$	4.18	
Building CO_2 emission rate (BER), $kgCO_2/m^2.annum$	2.72	
Target primary energy rate (TPER), $kWh_{PE}/m^2.annum$	44.23	
Building primary energy rate (BPER), $kWh_{PE}/m^2.annum$	28.15	
Do the building's emission and primary energy rates exceed the targets?	BER =< TER	BPER =< TPER

The performance of the building fabric and fixed building services should achieve reasonable overall standards of energy efficiency

Fabric element	$U_{a\text{-}Limit}$	$U_{a\text{-}Calc}$	$U_{i\text{-}Calc}$	First surface with maximum value
Walls*	0.26	0.14	0.18	83000000:Surf[3]
Floors	0.18	0.08	0.08	00000000:Surf[0]
Pitched roofs	0.16	-	-	No pitched roofs in building
Flat roofs	0.18	0.1	0.1	01000000:Surf[3]
Windows** and roof windows	1.6	1.19	1.19	00000000:Surf[1]
Rooflights***	2.2	-	-	No roof lights in building
Personnel doors^	1.6	1.4	1.4	01000000:Surf[1]
Vehicle access & similar large doors	1.3	-	-	No vehicle access doors in building
High usage entrance doors	3	1.4	1.4	01000001:Surf[1]

$U_{a\text{-}Limit}$ = Limiting area-weighted average U-values [$W/(m^2K)$] $U_{i\text{-}Calc}$ = Calculated maximum individual element U-values [$W/(m^2K)$]

$U_{a\text{-}Calc}$ = Calculated area-weighted average U-values [$W/(m^2K)$]

* Automatic U-value check by the tool does not apply to curtain walls whose limiting standard is similar to that for windows.

** Display windows and similar glazing are excluded from the U-value check. *** Values for rooflights refer to the horizontal position.

^ For fire doors, limiting U-value is 1.8 W/m^2K

NB: Neither roof ventilators (inc. smoke vents) nor swimming pool basins are modelled or checked against the limiting standards by the tool.

Air permeability	Limiting standard	This building
$m^3/(h.m^2)$ at 50 Pa	8	2

Building services

For details on the standard values listed below, system-specific guidance, and additional regulatory requirements, refer to the Approved Documents.

Whole building lighting automatic monitoring & targeting with alarms for out-of-range values	YES
Whole building electric power factor achieved by power factor correction	>0.95

1- ASHP+ MEV

	Heating efficiency	**Cooling efficiency**	**Radiant efficiency**	**SFP [W/(l/s)]**	**HR efficiency**
This system	3.22	-	0.2	-	-
Standard value	2.5*	N/A	N/A	N/A	N/A
Automatic monitoring & targeting with alarms for out-of-range values for this HVAC system					YES

* Standard shown is for all types >12 kW output, except absorption and gas engine heat pumps.

2- Fan coil + AHU

	Heating efficiency	**Cooling efficiency**	**Radiant efficiency**	**SFP [W/(l/s)]**	**HR efficiency**
This system	3.22	3.81	0	0.86	0.86
Standard value	2.5*	N/A	N/A	2^	N/A
Automatic monitoring & targeting with alarms for out-of-range values for this HVAC system					YES

* Standard shown is for all types >12 kW output, except absorption and gas engine heat pumps.

^ Limiting SFP may be increased by the amounts specified in the Approved Documents if the installation includes particular components.

3- Fan coil + MVHR AN035JSKLKN/EU

	Heating efficiency	**Cooling efficiency**	**Radiant efficiency**	**SFP [W/(l/s)]**	**HR efficiency**
This system	3.22	3.81	0	1.12	0.79
Standard value	2.5*	N/A	N/A	2^	N/A
Automatic monitoring & targeting with alarms for out-of-range values for this HVAC system					YES

* Standard shown is for all types >12 kW output, except absorption and gas engine heat pumps.

^ Limiting SFP may be increased by the amounts specified in the Approved Documents if the installation includes particular components.

4- Fan coil + MVHR AN080JSKLKN/EU

	Heating efficiency	**Cooling efficiency**	**Radiant efficiency**	**SFP [W/(l/s)]**	**HR efficiency**
This system	3.22	3.81	0	0.8	0.78
Standard value	2.5*	N/A	N/A	2^	N/A
Automatic monitoring & targeting with alarms for out-of-range values for this HVAC system					YES

* Standard shown is for all types >12 kW output, except absorption and gas engine heat pumps.

^ Limiting SFP may be increased by the amounts specified in the Approved Documents if the installation includes particular components.

5- Split Samsung AC071RXADKG/EU

	Heating efficiency	**Cooling efficiency**	**Radiant efficiency**	**SFP [W/(l/s)]**	**HR efficiency**
This system	4	6.8	-	-	-
Standard value	2.5*	5	N/A	N/A	N/A
Automatic monitoring & targeting with alarms for out-of-range values for this HVAC system					YES

* Standard shown is for all types >12 kW output, except absorption and gas engine heat pumps.

6- ASHP+ MVHR

	Heating efficiency	Cooling efficiency	Radiant efficiency	SFP [W/(l/s)]	HR efficiency
This system	3.22	-	0.2	-	0.88
Standard value	2.5*	N/A	N/A	N/A	N/A
Automatic monitoring & targeting with alarms for out-of-range values for this HVAC system					YES
* Standard shown is for all types >12 kW output, except absorption and gas engine heat pumps.					

1- ASHP_DHW

	Water heating efficiency	Storage loss factor [kWh/litre per day]
This building	3.22	0.002
Standard value	2*	N/A
* Standard shown is for all types except absorption and gas engine heat pumps.		

Zone-level mechanical ventilation, exhaust, and terminal units

ID	System type in the Approved Documents
A	Local supply or extract ventilation units
B	Zonal supply system where the fan is remote from the zone
C	Zonal extract system where the fan is remote from the zone
D	Zonal balanced supply and extract ventilation system
E	Local balanced supply and extract ventilation units
F	Other local ventilation units
G	Fan assisted terminal variable air volume units
H	Fan coil units
I	Kitchen extract with the fan remote from the zone and a grease filter
NB: Limiting SFP may be increased by the amounts specified in the Approved Documents if the installation includes particular components.	

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
A.001 - Duplex Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
A.002 - Duplex Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.004 - Duplex Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
A.003 - Duplex Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Staff Office	-	-	-	-	-	-	-	0.2	-	-	N/A
Lobby	-	-	-	-	-	-	-	0.2	-	-	N/A
Reception	-	-	-	-	-	-	-	0.2	-	-	N/A
Private Dining	-	-	-	-	-	-	-	0.2	-	-	N/A
Laundry	-	-	-	-	-	-	-	0.2	-	-	N/A
Faith - Multi	-	-	-	-	-	-	-	0.2	-	-	N/A
Lobby - Entrance	-	-	-	-	-	-	-	0.2	-	-	N/A
Lounge	-	-	-	-	-	-	-	0.2	-	-	N/A
A.028 - PBSA Amenity	-	-	-	-	-	-	-	0.2	-	-	N/A
Kitchenette	-	-	-	-	-	-	-	0.2	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
Bar / Games Area	-	-	-	-	-	-	-	0.2	-	-	N/A
Space - Performance	-	-	-	-	-	-	-	0.2	-	-	N/A
A.005 - Duplex Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
A.006 - Duplex Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
A.007 - Duplex Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
A.008 - Duplex Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
A.009 - Duplex Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
A.010 - Duplex Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
A.011 - Duplex Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Quiet Study	-	-	-	-	-	-	-	0.2	-	-	N/A
Circulation	-	-	-	-	-	-	-	0.2	-	-	N/A
Room - Meeting	-	-	-	-	-	-	-	0.2	-	-	N/A
Yoga Studio	-	-	-	-	-	-	-	0.2	-	-	N/A
Podcast Studio	-	-	-	-	-	-	-	0.2	-	-	N/A
Gym	-	-	-	-	-	-	-	0.2	-	-	N/A
Bar	-	-	-	-	-	-	-	0.2	-	-	N/A
Editing Studio	-	-	-	-	-	-	-	0.2	-	-	N/A
Spa	-	-	-	-	-	-	-	0.2	-	-	N/A
Sauna	-	-	-	-	-	-	-	0.3	-	-	N/A
A.163 - Accessible Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.164 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.162 - 1Bed Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.165 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.166 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.167 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.168 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.169 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.146 - Accessible Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.151 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.152 - Accessible Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
A.150 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.149 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.148 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.147 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.153 - 1Bed Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
A.155 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.156 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.157 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.158 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.159 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.160 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.161 - Studio 02	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.101 - Accessible Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.102 - 1Bed Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.103 - Studio 02	-	-	0.2	-	-	-	-	-	-	-	N/A
A.104 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.105 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.106 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.154c - S.C. Living / Kitchen	-	-	0.2	-	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
A.154d - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.154b - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.154a - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.154e - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.154f - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.145 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.144j - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.107 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.108 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.109 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.110 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.111 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.112 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.113 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.144h - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.144g - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.144f - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.144e - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.144d - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.144c - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.144b - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.144a - E.S. Living / Kitchen	-	-	0.2	-	-	-	-	-	-	-	N/A
A.143 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.142 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.141 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.140 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.139 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.138 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.137 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.136g - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
A.136f - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.136e - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.136d - S.C. Living / Kitchen	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.114 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.115 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.116 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.117 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.118 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A
A.119 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A
A.120 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.136c - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.121 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A
A.122 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A
A.123 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
A.124 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
A.125 - 1Bed Studio	-	0.7	-	-	-	-	-	-	-	-	N/A
A.126 - 1Bed Studio	-	0.7	-	-	-	-	-	-	-	-	N/A
A.127 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
A.128 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
A.129 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
A.130 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
A.131 - 1Bed Studio	-	0.7	-	-	-	-	-	-	-	-	N/A
A.132 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A
A.133 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A
A.134 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A
A.135 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.136a - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.136b - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.263 - Accessible Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.264 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.262 - 1Bed Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.265 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.266 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.267 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.268 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.269 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.246 - Accessible Studio	-	-	0.2	-	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.251 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.252 - Accessible Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
A.250 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.249 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.248 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.247 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.253 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.255 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.256 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.257 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.258 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.259 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.260 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.261 - Studio 02	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.201 - Accessible Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.202 - 1Bed Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.203 - Studio 02	-	-	0.2	-	-	-	-	-	-	-	N/A
A.204 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.205 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.206 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.245 - 1Bed Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
A.254d - S.C. Living / Kitchen	-	-	0.2	-	-	-	-	-	-	-	N/A
A.254e - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.254c - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.254b - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.254a - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.254f - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.254g - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.244j - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.207 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.208 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.209 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.210 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.211 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.212 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.213 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.244h - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.244g - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.244f - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.244e - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.244d - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.244c - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.244b - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.244a - E.S. Living / Kitchen	-	-	0.2	-	-	-	-	-	-	-	N/A
A.243 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.242 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.241 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.240 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.239 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
A.238 - Accessible Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
A.237 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.236g - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.236f - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.236e - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.236d - S.C. Living / Kitchen	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.214 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.215 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.216 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.217 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.218 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A
A.219 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A
A.220 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.236c - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.221 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A
A.222 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A
A.223 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
A.224 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
A.225 - 1Bed Studio	-	0.7	-	-	-	-	-	-	-	-	N/A
A.226 - 1Bed Studio	-	0.7	-	-	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
A.227 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
A.228 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
A.229 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
A.230 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
A.231 - 1Bed Studio	-	0.7	-	-	-	-	-	-	-	-	N/A
A.232 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A
A.233 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A
A.234 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A
A.235 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.236a - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.236b - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.363 - Accessible Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.364 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.362 - 1Bed Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.365 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.366 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.367 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.368 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
A.369 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.351 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.352 - Accessible Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
A.350 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.349 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.348 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.347 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.346 - Accessible Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.353 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.355 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.356 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.357 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.358 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.359 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.360 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.361 - Studio 02	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.301 - Accessible Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.302 - 1Bed Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.303 - Studio 02	-	-	0.2	-	-	-	-	-	-	-	N/A
A.304 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.305 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.306 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.345 - 1Bed Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
A.354d - S.C. Living / Kitchen	-	-	0.2	-	-	-	-	-	-	-	N/A
A.354e - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.354c - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.354b - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.354a - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.354f - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.354g - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.344j - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.307 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.308 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.309 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.310 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.311 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.312 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.313 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.344h - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.344g - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.344f - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.344e - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.344d - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.344c - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.344b - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.344a - E.S. Living / Kitchen	-	-	0.2	-	-	-	-	-	-	-	N/A
A.343 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.342 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
A.341 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.340 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.339 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.338 - Accessible Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
A.337 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.336g - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.336f - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.336e - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.336d - S.C. Living / Kitchen	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.314 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.315 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.316 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.317 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.318 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A
A.319 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A
A.320 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.336c - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.321 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A
A.322 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A
A.323 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
A.324 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
A.325 - 1Bed Studio	-	0.7	-	-	-	-	-	-	-	-	N/A
A.326 - 1Bed Studio	-	0.7	-	-	-	-	-	-	-	-	N/A
A.327 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
A.328 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
A.329 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
A.330 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
A.331 - 1Bed Studio	-	0.7	-	-	-	-	-	-	-	-	N/A
A.332 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A
A.333 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A
A.334 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A
A.335 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
A.336a - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.336b - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.463 - Accessible Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.464 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.462 - 1Bed Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.465 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.466 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
A.467 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.468 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.469 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.451 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.450 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.449 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.448 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.447 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.446 - Accessible Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.452 - Accessible Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
A.453 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.455 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.456 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.457 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.458 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.459 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.460 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.461 - Studio 02	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.401 - Accessible Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.402 - 1Bed Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.403 - Studio 02	-	-	0.2	-	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
A.404 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.405 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.406 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.445 - 1Bed Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
A.454d - S.C. Living / Kitchen	-	-	0.2	-	-	-	-	-	-	-	N/A
A.454e - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.454c - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.454b - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.454a - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.454f - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.454g - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.444j - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.407 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.408 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.409 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.410 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.411 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.412 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.413 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.444h - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.444g - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.444f - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.444e - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.444d - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.444c - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.444b - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
A.444a - E.S. Living / Kitchen	-	-	0.2	-	-	-	-	-	-	-	N/A
A.443 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.442 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.441 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.440 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.439 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.438 - Accessible Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
A.437 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.436g - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.436f - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.436e - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.436d - S.C. Living / Kitchen	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.414 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.415 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.416 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.417 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.418 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A
A.419 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A
A.420 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.436c - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
A.421 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A
A.422 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A
A.423 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
A.424 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
A.425 - 1Bed Studio	-	0.7	-	-	-	-	-	-	-	-	N/A
A.426 - 1Bed Studio	-	0.7	-	-	-	-	-	-	-	-	N/A
A.427 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
A.428 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
A.429 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
A.430 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
A.431 - 1Bed Studio	-	0.7	-	-	-	-	-	-	-	-	N/A
A.432 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A
A.433 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A
A.434 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A
A.435 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.436a - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.436b - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.546 - Accessible Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
A.545 - 1Bed Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
A.547 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.544j - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.544h - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.544g - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
A.544f - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.544e - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.544d - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.544c - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.544b - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.544a - E.S. Living / Kitchen	-	-	0.2	-	-	-	-	-	-	-	N/A
A.543 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.551 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.550 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.549 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.548 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.552 - Accessible Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
A.542 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.541 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.540 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.539 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.538 - Accessible Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
A.537 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.536g - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.536f - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.536e - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.536d - S.C. Living / Kitchen	-	-	0.2	-	-	-	-	-	-	-	N/A
A.554d - S.C. Living / Kitchen	-	-	0.2	-	-	-	-	-	-	-	N/A
A.554c - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.554b - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.554a - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.553 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.564 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.565 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.566 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.567 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.568 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.569 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.501 - Accessible Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.502 - 1Bed Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.503 - Studio 02	-	-	0.2	-	-	-	-	-	-	-	N/A
A.504 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.505 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.506 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.536c - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.554e - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.507 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.508 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.509 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
A.510 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.511 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.512 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.513 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.563 - Accessible Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
A.555 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.556 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.557 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.558 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.559 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.560 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.561 - Studio 02	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.562 - 1Bed Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.514 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.515 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.516 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.517 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.518 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A
A.519 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A
A.520 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.521 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
A.522 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A
A.523 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
A.524 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
A.525 - 1Bed Studio	-	0.7	-	-	-	-	-	-	-	-	N/A
A.526 - 1Bed Studio	-	0.7	-	-	-	-	-	-	-	-	N/A
A.527 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
A.528 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
A.529 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
A.530 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
A.531 - 1Bed Studio	-	0.7	-	-	-	-	-	-	-	-	N/A
A.532 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A
A.533 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A
A.534 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A
A.535 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.536a - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.536b - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.554f - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.554g - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.663 - Accessible Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.664 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.662 - 1Bed Studio	-	-	0.2	-	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.665 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.666 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.667 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.668 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.646 - Accessible Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.651 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.652 - Accessible Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
A.650 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.649 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.648 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.647 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.653 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.655 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.656 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.657 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.658 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.659 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.660 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.661 - Studio 02	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.601 - Accessible Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.602 - 1Bed Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.603 - Studio 02	-	-	0.2	-	-	-	-	-	-	-	N/A
A.604 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.605 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.606 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.645 - 1Bed Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
A.654d - S.C. Living / Kitchen	-	-	0.2	-	-	-	-	-	-	-	N/A
A.654e - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.654c - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.654b - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.654a - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.654f - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.654g - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.644j - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.607 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.608 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.609 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.610 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.611 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.612 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.613 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.644h - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
A.644g - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.644f - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.644e - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.644d - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.644c - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.644b - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.644a - E.S. Living / Kitchen	-	-	0.2	-	-	-	-	-	-	-	N/A
A.643 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.642 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.641 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.640 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.639 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.638 - Accessible Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
A.637 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.636g - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.636f - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.636e - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.636d - S.C. Living / Kitchen	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.614 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.615 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.616 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.617 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.618 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A
A.619 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A
A.620 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.636c - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.621 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A
A.622 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A
A.623 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
A.624 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
A.625 - 1Bed Studio	-	0.7	-	-	-	-	-	-	-	-	N/A
A.626 - 1Bed Studio	-	0.7	-	-	-	-	-	-	-	-	N/A
A.627 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
A.628 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
A.629 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
A.630 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
A.631 - 1Bed Studio	-	0.7	-	-	-	-	-	-	-	-	N/A
A.632 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A
A.633 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A
A.634 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A
A.635 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.636a - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.636b - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.757 - Accessible Studio	-	-	0.2	-	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.758 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.756 - 1Bed Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.759 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.760 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.761 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.762 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.763 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.743 - Accessible Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.748 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.749 - Accessible Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
A.747 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.746 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.745 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.744 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.750 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.751 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.752 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.753 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.754 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.755 - Studio 02	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.701 - Accessible Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
A.702 - 1Bed Studio	-	-	0.2	-	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.703 - Studio 02	-	-	0.2	-	-	-	-	-	-	-	N/A
A.704 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.705 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.706 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.742 - 1Bed Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
A.707 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.741j - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.708 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.709 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.710 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.711 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.712 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.713 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.741h - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.714 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.741g - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.741f - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.741e - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.741d - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.741c - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.741b - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.741a - E.S. Living / Kitchen	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.715 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.716 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.717 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.718 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A
A.719 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A
A.720 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.740 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.721 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.722 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A
A.723 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
A.724 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
A.725 - 1Bed Studio	-	0.7	-	-	-	-	-	-	-	-	N/A
A.726 - 1Bed Studio	-	0.7	-	-	-	-	-	-	-	-	N/A
A.727 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
A.728 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
A.735 - Accessible Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
A.736 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.737 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.738 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.739 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
A.729 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
A.730 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
A.731 - 1Bed Studio	-	0.7	-	-	-	-	-	-	-	-	N/A
A.732 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A
A.733 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A
A.734 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.830 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.829 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.831a - E.S. Living / Kitchen	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.828 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.827 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.826 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.825 - 1Bed Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
A.822 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
A.821 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
A.820 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A
A.819 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A
A.818 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
A.817 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
A.816 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
A.815 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
A.814 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
A.831b - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.824 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
A.823 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
A.813 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
A.812 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A
A.811 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.810 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.809 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.831c - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.831j - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.831h - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.831g - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.831f - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.831e - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.831d - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.808 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.807 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.806 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.805 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.804 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.832 - 1Bed Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.803 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Studio 02	-	-	0.2	-	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.801 - 1Bed Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.833 - 1Bed Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.001 - Duplex Studio - Bedroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.002 - Duplex Studio - Bedroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.003 - Duplex Studio - Bedroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.004 - Duplex Studio - Bedroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.011 - Duplex Studio - Bedroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.010 - Duplex Studio - Bedroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.009 - Duplex Studio - Bedroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.008 - Duplex Studio - Bedroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.007 - Duplex Studio - Bedroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.006 - Duplex Studio - Bedroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.005 - Duplex Studio - Bedroom	-	-	0.2	-	-	-	-	-	-	-	N/A

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
A.001 - Duplex Studio	120	-	-
A.002 - Duplex Studio	120	-	-
Bathroom	120	-	-
A.017 - PBSA Refuse	195	-	-
Circulation	126	-	-
A.004 - Duplex Studio	120	-	-
A.003 - Duplex Studio	120	-	-
Circulation	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.018 - PBSA Cycles	169	-	-
Staff Office	260	-	-
Lobby	120	-	-
Reception	120	120	1.125
Lift Lobby	120	-	-
Change	125	-	-
A.019 - PBSA Generator Room	235	-	-
A.021 - PBSA Plant	120	-	-
Circulation	120	-	-
Lift Lobby	141	-	-
Wc - Acc.	120	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	**Efficacy [lm/W]**	**Efficacy [lm/W]**	**Power density [W/m²]**
Standard value	95	80	0.3
Private Dining	120	-	-
Laundry	120	-	-
Faith - Multi	178	-	-
St. - A.024	120	-	-
Plant	422	-	-
Lobby - Entrance	120	-	-
Lounge	120	-	-
Wc	120	-	-
St. - Parcel	120	-	-
A.020 - PBSA Life Safety	204	-	-
Circulation	120	-	-
A.028 - PBSA Amenity	120	-	-
Kitchenette	120	-	-
Wc	120	-	-
Wc	120	-	-
A.027 - Store	120	-	-
Escape Staircore 3	120	-	-
Circulation	142	-	-
Bar / Games Area	120	-	-
Space - Performance	120	-	-
A.005 - Duplex Studio	120	-	-
A.006 - Duplex Studio	120	-	-
A.007 - Duplex Studio	120	-	-
A.008 - Duplex Studio	120	-	-
A.009 - Duplex Studio	120	-	-
A.010 - Duplex Studio	120	-	-
A.011 - Duplex Studio	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Quiet Study	120	-	-
Plant - A.036	120	-	-
Circulation	120	-	-
Room - Meeting	120	-	-
Yoga Studio	120	-	-
Podcast Studio	120	-	-
Gym	120	-	-
Bar	120	-	-
A.029 - Main Comms. Room	120	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	**Efficacy [lm/W]**	**Efficacy [lm/W]**	**Power density [W/m²]**
Standard value	95	80	0.3
Editing Studio	120	-	-
Spa	120	-	-
WC - Gym	120	-	-
Sauna	120	-	-
Wash	120	-	-
Room - Change	120	-	-
Wc - Acc.	120	-	-
Cleaners Store	120	-	-
A.163 - Accessible Studio	120	-	-
Circulation	120	-	-
Bathroom	120	-	-
A.164 - Studio 01	120	-	-
Circulation	120	-	-
A.162 - 1Bed Studio	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.165 - Studio 01	120	-	-
Bathroom	120	-	-
A.166 - Studio 01	120	-	-
Bathroom	120	-	-
A.167 - Studio 01	120	-	-
Bathroom	120	-	-
A.168 - Studio 01	120	-	-
A.169 - Studio 01	120	-	-
Bathroom	120	-	-
Cleaners Store	120	-	-
Circulation	120	-	-
A.146 - Accessible Studio	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.151 - Studio 01	120	-	-
A.152 - Accessible Studio	120	-	-
A.150 - Studio 01	120	-	-
A.149 - Studio 01	120	-	-
A.148 - Studio 01	120	-	-
A.147 - Studio 01	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Firefighting Staircore 2	120	-	-
Escape Staircore 3	120	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	**Efficacy [lm/W]**	**Efficacy [lm/W]**	**Power density [W/m²]**
Standard value	95	80	0.3
Circulation	120	-	-
A.153 - 1Bed Studio	120	-	-
Circulation	120	-	-
A.155 - Studio 01	120	-	-
A.156 - Studio 01	120	-	-
A.157 - Studio 01	120	-	-
A.158 - Studio 01	120	-	-
A.159 - Studio 01	120	-	-
A.160 - Studio 01	120	-	-
A.161 - Studio 02	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.101 - Accessible Studio	120	-	-
Circulation	120	-	-
Bathroom	120	-	-
A.102 - 1Bed Studio	120	-	-
Bathroom	120	-	-
A.103 - Studio 02	120	-	-
A.104 - Studio 01	120	-	-
A.105 - Studio 01	120	-	-
A.106 - Studio 01	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Circulation	120	-	-
A.154c - S.C. Living / Kitchen	120	-	-
A.154d - Social Cluster	120	-	-
A.154b - Social Cluster	120	-	-
A.154a - Social Cluster	120	-	-
A.154e - Social Cluster	120	-	-
A.154f - Social Cluster	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	**Efficacy [lm/W]**	**Efficacy [lm/W]**	**Power density [W/m²]**
Standard value	95	80	0.3
Bathroom	120	-	-
Bathroom	120	-	-
A.145 - Studio 01	120	-	-
A.144j - Ensuite	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Circulation	120	-	-
Circulation	120	-	-
A.107 - Studio 01	120	-	-
A.108 - Studio 01	120	-	-
A.109 - Studio 01	120	-	-
A.110 - Studio 01	120	-	-
A.111 - Studio 01	120	-	-
A.112 - Studio 01	120	-	-
A.113 - Studio 01	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.144h - Ensuite	120	-	-
A.144g - Ensuite	120	-	-
A.144f - Ensuite	120	-	-
A.144e - Ensuite	120	-	-
A.144d - Ensuite	120	-	-
A.144c - Ensuite	120	-	-
A.144b - Ensuite	120	-	-
A.144a - E.S. Living / Kitchen	120	-	-
A.143 - Studio 01	120	-	-
A.142 - Studio 01	120	-	-
A.141 - Studio 01	120	-	-
A.140 - Studio 01	120	-	-
A.139 - Studio 01	120	-	-
A.138 - Studio 01	120	-	-
Circulation	120	-	-
A.137 - Studio 01	120	-	-
A.136g - Social Cluster	120	-	-
A.136f - Social Cluster	120	-	-
A.136e - Social Cluster	120	-	-
A.136d - S.C. Living / Kitchen	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	**Efficacy [lm/W]**	**Efficacy [lm/W]**	**Power density [W/m²]**
Standard value	95	80	0.3
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Circulation	120	-	-
A.114 - Studio 01	120	-	-
A.115 - Studio 01	120	-	-
A.116 - Studio 01	120	-	-
A.117 - Studio 01	120	-	-
A.118 - Studio 02	120	-	-
A.119 - Studio 02	120	-	-
A.120 - Studio 01	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Firefighting Staircore 1	120	-	-
Circulation	120	-	-
Circulation	120	-	-
Bathroom	120	-	-
Circulation	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.136c - Social Cluster	120	-	-
A.121 - Studio 02	120	-	-
A.122 - Studio 02	120	-	-
A.123 - Studio 01	120	-	-
A.124 - Studio 01	120	-	-
A.125 - 1Bed Studio	120	-	-
A.126 - 1Bed Studio	120	-	-
A.127 - Studio 01	120	-	-
A.128 - Studio 01	120	-	-
Bathroom	120	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	**Efficacy [lm/W]**	**Efficacy [lm/W]**	**Power density [W/m²]**
Standard value	95	80	0.3
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.129 - Studio 01	120	-	-
A.130 - Studio 01	120	-	-
Bathroom	120	-	-
A.131 - 1Bed Studio	120	-	-
A.132 - Studio 02	120	-	-
A.133 - Studio 02	120	-	-
A.134 - Studio 02	120	-	-
A.135 - Studio 01	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.136a - Social Cluster	120	-	-
A.136b - Social Cluster	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Cleaners Store	120	-	-
A.263 - Accessible Studio	120	-	-
Circulation	120	-	-
Bathroom	120	-	-
A.264 - Studio 01	120	-	-
Circulation	120	-	-
A.262 - 1Bed Studio	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.265 - Studio 01	120	-	-
Bathroom	120	-	-
A.266 - Studio 01	120	-	-
Bathroom	120	-	-
A.267 - Studio 01	120	-	-
Bathroom	120	-	-
A.268 - Studio 01	120	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	**Efficacy [lm/W]**	**Efficacy [lm/W]**	**Power density [W/m²]**
Standard value	95	80	0.3
A.269 - Studio 01	120	-	-
Bathroom	120	-	-
Cleaners Store	120	-	-
Circulation	120	-	-
A.246 - Accessible Studio	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.251 - Studio 01	120	-	-
A.252 - Accessible Studio	120	-	-
A.250 - Studio 01	120	-	-
A.249 - Studio 01	120	-	-
A.248 - Studio 01	120	-	-
A.247 - Studio 01	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Firefighting Staircore 2	120	-	-
Escape Staircore 3	120	-	-
Circulation	120	-	-
A.253 - Studio 01	120	-	-
A.255 - Studio 01	120	-	-
A.256 - Studio 01	120	-	-
A.257 - Studio 01	120	-	-
A.258 - Studio 01	120	-	-
A.259 - Studio 01	120	-	-
A.260 - Studio 01	120	-	-
A.261 - Studio 02	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.201 - Accessible Studio	120	-	-
Circulation	120	-	-
Bathroom	120	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	**Efficacy [lm/W]**	**Efficacy [lm/W]**	**Power density [W/m²]**
Standard value	95	80	0.3
A.202 - 1Bed Studio	120	-	-
Bathroom	120	-	-
A.203 - Studio 02	120	-	-
A.204 - Studio 01	120	-	-
A.205 - Studio 01	120	-	-
A.206 - Studio 01	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.245 - 1Bed Studio	120	-	-
A.254d - S.C. Living / Kitchen	120	-	-
A.254e - Social Cluster	120	-	-
A.254c - Social Cluster	120	-	-
A.254b - Social Cluster	120	-	-
A.254a - Social Cluster	120	-	-
A.254f - Social Cluster	120	-	-
A.254g - Social Cluster	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.244j - Ensuite	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Circulation	120	-	-
Circulation	120	-	-
A.207 - Studio 01	120	-	-
A.208 - Studio 01	120	-	-
A.209 - Studio 01	120	-	-
A.210 - Studio 01	120	-	-
A.211 - Studio 01	120	-	-
A.212 - Studio 01	120	-	-
A.213 - Studio 01	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.244h - Ensuite	120	-	-
A.244g - Ensuite	120	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	**Efficacy [lm/W]**	**Efficacy [lm/W]**	**Power density [W/m²]**
Standard value	95	80	0.3
A.244f - Ensuite	120	-	-
A.244e - Ensuite	120	-	-
A.244d - Ensuite	120	-	-
A.244c - Ensuite	120	-	-
A.244b - Ensuite	120	-	-
A.244a - E.S. Living / Kitchen	120	-	-
A.243 - Studio 01	120	-	-
A.242 - Studio 01	120	-	-
A.241 - Studio 01	120	-	-
A.240 - Studio 01	120	-	-
A.239 - Studio 01	120	-	-
A.238 - Accessible Studio	120	-	-
A.237 - Studio 01	120	-	-
A.236g - Social Cluster	120	-	-
A.236f - Social Cluster	120	-	-
A.236e - Social Cluster	120	-	-
A.236d - S.C. Living / Kitchen	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Circulation	120	-	-
A.214 - Studio 01	120	-	-
A.215 - Studio 01	120	-	-
A.216 - Studio 01	120	-	-
A.217 - Studio 01	120	-	-
A.218 - Studio 02	120	-	-
A.219 - Studio 02	120	-	-
A.220 - Studio 01	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	**Efficacy [lm/W]**	**Efficacy [lm/W]**	**Power density [W/m²]**
Standard value	95	80	0.3
Bathroom	120	-	-
Firefighting Staircore 1	120	-	-
Circulation	120	-	-
Circulation	120	-	-
Bathroom	120	-	-
Circulation	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.236c - Social Cluster	120	-	-
A.221 - Studio 02	120	-	-
A.222 - Studio 02	120	-	-
A.223 - Studio 01	120	-	-
A.224 - Studio 01	120	-	-
A.225 - 1Bed Studio	120	-	-
A.226 - 1Bed Studio	120	-	-
A.227 - Studio 01	120	-	-
A.228 - Studio 01	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.229 - Studio 01	120	-	-
A.230 - Studio 01	120	-	-
Bathroom	120	-	-
A.231 - 1Bed Studio	120	-	-
A.232 - Studio 02	120	-	-
A.233 - Studio 02	120	-	-
A.234 - Studio 02	120	-	-
A.235 - Studio 01	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.236a - Social Cluster	120	-	-
A.236b - Social Cluster	120	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	**Efficacy [lm/W]**	**Efficacy [lm/W]**	**Power density [W/m²]**
Standard value	95	80	0.3
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Cleaners Store	120	-	-
A.363 - Accessible Studio	120	-	-
Circulation	120	-	-
Bathroom	120	-	-
A.364 - Studio 01	120	-	-
Circulation	120	-	-
A.362 - 1Bed Studio	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.365 - Studio 01	120	-	-
Bathroom	120	-	-
A.366 - Studio 01	120	-	-
Bathroom	120	-	-
A.367 - Studio 01	120	-	-
Bathroom	120	-	-
A.368 - Studio 01	120	-	-
A.369 - Studio 01	120	-	-
Bathroom	120	-	-
Cleaners Store	120	-	-
Circulation	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.351 - Studio 01	120	-	-
A.352 - Accessible Studio	120	-	-
A.350 - Studio 01	120	-	-
A.349 - Studio 01	120	-	-
A.348 - Studio 01	120	-	-
A.347 - Studio 01	120	-	-
A.346 - Accessible Studio	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Firefighting Staircore 2	120	-	-
Escape Staircore 3	120	-	-
Circulation	120	-	-
A.353 - Studio 01	120	-	-
A.355 - Studio 01	120	-	-
A.356 - Studio 01	120	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	**Efficacy [lm/W]**	**Efficacy [lm/W]**	**Power density [W/m²]**
Standard value	95	80	0.3
A.357 - Studio 01	120	-	-
A.358 - Studio 01	120	-	-
A.359 - Studio 01	120	-	-
A.360 - Studio 01	120	-	-
A.361 - Studio 02	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.301 - Accessible Studio	120	-	-
Circulation	120	-	-
Bathroom	120	-	-
A.302 - 1Bed Studio	120	-	-
Bathroom	120	-	-
A.303 - Studio 02	120	-	-
A.304 - Studio 01	120	-	-
A.305 - Studio 01	120	-	-
A.306 - Studio 01	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.345 - 1Bed Studio	120	-	-
A.354d - S.C. Living / Kitchen	120	-	-
A.354e - Social Cluster	120	-	-
A.354c - Social Cluster	120	-	-
A.354b - Social Cluster	120	-	-
A.354a - Social Cluster	120	-	-
A.354f - Social Cluster	120	-	-
A.354g - Social Cluster	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.344j - Ensuite	120	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	**Efficacy [lm/W]**	**Efficacy [lm/W]**	**Power density [W/m²]**
Standard value	95	80	0.3
Bathroom	120	-	-
Bathroom	120	-	-
Circulation	120	-	-
Circulation	120	-	-
A.307 - Studio 01	120	-	-
A.308 - Studio 01	120	-	-
A.309 - Studio 01	120	-	-
A.310 - Studio 01	120	-	-
A.311 - Studio 01	120	-	-
A.312 - Studio 01	120	-	-
A.313 - Studio 01	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.344h - Ensuite	120	-	-
A.344g - Ensuite	120	-	-
A.344f - Ensuite	120	-	-
A.344e - Ensuite	120	-	-
A.344d - Ensuite	120	-	-
A.344c - Ensuite	120	-	-
A.344b - Ensuite	120	-	-
A.344a - E.S. Living / Kitchen	120	-	-
A.343 - Studio 01	120	-	-
A.342 - Studio 01	120	-	-
A.341 - Studio 01	120	-	-
A.340 - Studio 01	120	-	-
A.339 - Studio 01	120	-	-
A.338 - Accessible Studio	120	-	-
A.337 - Studio 01	120	-	-
A.336g - Social Cluster	120	-	-
A.336f - Social Cluster	120	-	-
A.336e - Social Cluster	120	-	-
A.336d - S.C. Living / Kitchen	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	**Efficacy [lm/W]**	**Efficacy [lm/W]**	**Power density [W/m²]**
Standard value	95	80	0.3
Circulation	120	-	-
A.314 - Studio 01	120	-	-
A.315 - Studio 01	120	-	-
A.316 - Studio 01	120	-	-
A.317 - Studio 01	120	-	-
A.318 - Studio 02	120	-	-
A.319 - Studio 02	120	-	-
A.320 - Studio 01	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Firefighting Staircore 1	120	-	-
Circulation	120	-	-
Circulation	120	-	-
Bathroom	120	-	-
Circulation	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.336c - Social Cluster	120	-	-
A.321 - Studio 02	120	-	-
A.322 - Studio 02	120	-	-
A.323 - Studio 01	120	-	-
A.324 - Studio 01	120	-	-
A.325 - 1Bed Studio	120	-	-
A.326 - 1Bed Studio	120	-	-
A.327 - Studio 01	120	-	-
A.328 - Studio 01	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	**Efficacy [lm/W]**	**Efficacy [lm/W]**	**Power density [W/m²]**
Standard value	95	80	0.3
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.329 - Studio 01	120	-	-
A.330 - Studio 01	120	-	-
Bathroom	120	-	-
A.331 - 1Bed Studio	120	-	-
A.332 - Studio 02	120	-	-
A.333 - Studio 02	120	-	-
A.334 - Studio 02	120	-	-
A.335 - Studio 01	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.336a - Social Cluster	120	-	-
A.336b - Social Cluster	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Cleaners Store	120	-	-
A.463 - Accessible Studio	120	-	-
Circulation	120	-	-
Bathroom	120	-	-
A.464 - Studio 01	120	-	-
Circulation	120	-	-
A.462 - 1Bed Studio	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.465 - Studio 01	120	-	-
Bathroom	120	-	-
A.466 - Studio 01	120	-	-
Bathroom	120	-	-
A.467 - Studio 01	120	-	-
Bathroom	120	-	-
A.468 - Studio 01	120	-	-
A.469 - Studio 01	120	-	-
Bathroom	120	-	-
Cleaners Store	120	-	-
Circulation	120	-	-
A.451 - Studio 01	120	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	**Efficacy [lm/W]**	**Efficacy [lm/W]**	**Power density [W/m²]**
Standard value	95	80	0.3
A.450 - Studio 01	120	-	-
A.449 - Studio 01	120	-	-
A.448 - Studio 01	120	-	-
A.447 - Studio 01	120	-	-
A.446 - Accessible Studio	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.452 - Accessible Studio	120	-	-
Firefighting Staircore 2	120	-	-
Escape Staircore 3	120	-	-
Circulation	120	-	-
A.453 - Studio 01	120	-	-
A.455 - Studio 01	120	-	-
A.456 - Studio 01	120	-	-
A.457 - Studio 01	120	-	-
A.458 - Studio 01	120	-	-
A.459 - Studio 01	120	-	-
A.460 - Studio 01	120	-	-
A.461 - Studio 02	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.401 - Accessible Studio	120	-	-
Circulation	120	-	-
Bathroom	120	-	-
A.402 - 1Bed Studio	120	-	-
Bathroom	120	-	-
A.403 - Studio 02	120	-	-
A.404 - Studio 01	120	-	-
A.405 - Studio 01	120	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	**Efficacy [lm/W]**	**Efficacy [lm/W]**	**Power density [W/m²]**
Standard value	95	80	0.3
A.406 - Studio 01	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.445 - 1Bed Studio	120	-	-
A.454d - S.C. Living / Kitchen	120	-	-
A.454e - Social Cluster	120	-	-
A.454c - Social Cluster	120	-	-
A.454b - Social Cluster	120	-	-
A.454a - Social Cluster	120	-	-
A.454f - Social Cluster	120	-	-
A.454g - Social Cluster	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.444j - Ensuite	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Circulation	120	-	-
Circulation	120	-	-
A.407 - Studio 01	120	-	-
A.408 - Studio 01	120	-	-
A.409 - Studio 01	120	-	-
A.410 - Studio 01	120	-	-
A.411 - Studio 01	120	-	-
A.412 - Studio 01	120	-	-
A.413 - Studio 01	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.444h - Ensuite	120	-	-
A.444g - Ensuite	120	-	-
A.444f - Ensuite	120	-	-
A.444e - Ensuite	120	-	-
A.444d - Ensuite	120	-	-
A.444c - Ensuite	120	-	-
A.444b - Ensuite	120	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	**Efficacy [lm/W]**	**Efficacy [lm/W]**	**Power density [W/m²]**
Standard value	95	80	0.3
A.444a - E.S. Living / Kitchen	120	-	-
A.443 - Studio 01	120	-	-
A.442 - Studio 01	120	-	-
A.441 - Studio 01	120	-	-
A.440 - Studio 01	120	-	-
A.439 - Studio 01	120	-	-
A.438 - Accessible Studio	120	-	-
A.437 - Studio 01	120	-	-
A.436g - Social Cluster	120	-	-
A.436f - Social Cluster	120	-	-
A.436e - Social Cluster	120	-	-
A.436d - S.C. Living / Kitchen	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Circulation	120	-	-
A.414 - Studio 01	120	-	-
A.415 - Studio 01	120	-	-
A.416 - Studio 01	120	-	-
A.417 - Studio 01	120	-	-
A.418 - Studio 02	120	-	-
A.419 - Studio 02	120	-	-
A.420 - Studio 01	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Firefighting Staircore 1	120	-	-
Circulation	120	-	-
Circulation	120	-	-
Bathroom	120	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	**Efficacy [lm/W]**	**Efficacy [lm/W]**	**Power density [W/m²]**
Standard value	95	80	0.3
Circulation	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.436c - Social Cluster	120	-	-
A.421 - Studio 02	120	-	-
A.422 - Studio 02	120	-	-
A.423 - Studio 01	120	-	-
A.424 - Studio 01	120	-	-
A.425 - 1Bed Studio	120	-	-
A.426 - 1Bed Studio	120	-	-
A.427 - Studio 01	120	-	-
A.428 - Studio 01	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.429 - Studio 01	120	-	-
A.430 - Studio 01	120	-	-
Bathroom	120	-	-
A.431 - 1Bed Studio	120	-	-
A.432 - Studio 02	120	-	-
A.433 - Studio 02	120	-	-
A.434 - Studio 02	120	-	-
A.435 - Studio 01	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.436a - Social Cluster	120	-	-
A.436b - Social Cluster	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.546 - Accessible Studio	120	-	-
A.545 - 1Bed Studio	120	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	**Efficacy [lm/W]**	**Efficacy [lm/W]**	**Power density [W/m²]**
Standard value	95	80	0.3
Circulation	120	-	-
Circulation	120	-	-
A.547 - Studio 01	120	-	-
Bathroom	120	-	-
Firefighting Staircore 2	120	-	-
A.544j - Ensuite	120	-	-
A.544h - Ensuite	120	-	-
A.544g - Ensuite	120	-	-
A.544f - Ensuite	120	-	-
A.544e - Ensuite	120	-	-
A.544d - Ensuite	120	-	-
A.544c - Ensuite	120	-	-
A.544b - Ensuite	120	-	-
A.544a - E.S. Living / Kitchen	120	-	-
A.543 - Studio 01	120	-	-
A.551 - Studio 01	120	-	-
A.550 - Studio 01	120	-	-
A.549 - Studio 01	120	-	-
A.548 - Studio 01	120	-	-
A.552 - Accessible Studio	120	-	-
A.542 - Studio 01	120	-	-
A.541 - Studio 01	120	-	-
A.540 - Studio 01	120	-	-
A.539 - Studio 01	120	-	-
A.538 - Accessible Studio	120	-	-
A.537 - Studio 01	120	-	-
A.536g - Social Cluster	120	-	-
A.536f - Social Cluster	120	-	-
A.536e - Social Cluster	120	-	-
A.536d - S.C. Living / Kitchen	120	-	-
A.554d - S.C. Living / Kitchen	120	-	-
A.554c - Social Cluster	120	-	-
A.554b - Social Cluster	120	-	-
A.554a - Social Cluster	120	-	-
A.553 - Studio 01	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Circulation	120	-	-
Cleaners Store	120	-	-
Circulation	120	-	-
Bathroom	120	-	-
A.564 - Studio 01	120	-	-
Bathroom	120	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	**Efficacy [lm/W]**	**Efficacy [lm/W]**	**Power density [W/m²]**
Standard value	95	80	0.3
A.565 - Studio 01	120	-	-
Bathroom	120	-	-
A.566 - Studio 01	120	-	-
Bathroom	120	-	-
A.567 - Studio 01	120	-	-
Bathroom	120	-	-
A.568 - Studio 01	120	-	-
A.569 - Studio 01	120	-	-
Bathroom	120	-	-
Cleaners Store	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Escape Staircore 3	120	-	-
A.501 - Accessible Studio	120	-	-
Bathroom	120	-	-
A.502 - 1Bed Studio	120	-	-
Bathroom	120	-	-
A.503 - Studio 02	120	-	-
A.504 - Studio 01	120	-	-
A.505 - Studio 01	120	-	-
A.506 - Studio 01	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Circulation	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Circulation	120	-	-
Circulation	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	**Efficacy [lm/W]**	**Efficacy [lm/W]**	**Power density [W/m²]**
Standard value	95	80	0.3
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Firefighting Staircore 1	120	-	-
Circulation	120	-	-
Circulation	120	-	-
Bathroom	120	-	-
Circulation	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.536c - Social Cluster	120	-	-
A.554e - Social Cluster	120	-	-
Circulation	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.507 - Studio 01	120	-	-
A.508 - Studio 01	120	-	-
A.509 - Studio 01	120	-	-
A.510 - Studio 01	120	-	-
A.511 - Studio 01	120	-	-
A.512 - Studio 01	120	-	-
A.513 - Studio 01	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.563 - Accessible Studio	120	-	-
A.555 - Studio 01	120	-	-
A.556 - Studio 01	120	-	-
A.557 - Studio 01	120	-	-
A.558 - Studio 01	120	-	-
A.559 - Studio 01	120	-	-
A.560 - Studio 01	120	-	-
A.561 - Studio 02	120	-	-
Bathroom	120	-	-
A.562 - 1Bed Studio	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	**Efficacy [lm/W]**	**Efficacy [lm/W]**	**Power density [W/m²]**
Standard value	95	80	0.3
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.514 - Studio 01	120	-	-
A.515 - Studio 01	120	-	-
A.516 - Studio 01	120	-	-
A.517 - Studio 01	120	-	-
A.518 - Studio 02	120	-	-
A.519 - Studio 02	120	-	-
A.520 - Studio 01	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.521 - Studio 02	120	-	-
A.522 - Studio 02	120	-	-
A.523 - Studio 01	120	-	-
A.524 - Studio 01	120	-	-
A.525 - 1Bed Studio	120	-	-
A.526 - 1Bed Studio	120	-	-
A.527 - Studio 01	120	-	-
A.528 - Studio 01	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.529 - Studio 01	120	-	-
A.530 - Studio 01	120	-	-
Bathroom	120	-	-
A.531 - 1Bed Studio	120	-	-
A.532 - Studio 02	120	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	**Efficacy [lm/W]**	**Efficacy [lm/W]**	**Power density [W/m²]**
Standard value	95	80	0.3
A.533 - Studio 02	120	-	-
A.534 - Studio 02	120	-	-
A.535 - Studio 01	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.536a - Social Cluster	120	-	-
A.536b - Social Cluster	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.554f - Social Cluster	120	-	-
Bathroom	120	-	-
A.554g - Social Cluster	120	-	-
Bathroom	120	-	-
Cleaners Store	120	-	-
A.663 - Accessible Studio	120	-	-
Circulation	120	-	-
Bathroom	120	-	-
A.664 - Studio 01	120	-	-
Circulation	120	-	-
A.662 - 1Bed Studio	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.665 - Studio 01	120	-	-
Bathroom	120	-	-
A.666 - Studio 01	120	-	-
Bathroom	120	-	-
A.667 - Studio 01	120	-	-
Bathroom	120	-	-
A.668 - Studio 01	120	-	-
Studio 01	120	-	-
Bathroom	120	-	-
Cleaners Store	120	-	-
Circulation	120	-	-
A.646 - Accessible Studio	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.651 - Studio 01	120	-	-
A.652 - Accessible Studio	120	-	-
A.650 - Studio 01	120	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	**Efficacy [lm/W]**	**Efficacy [lm/W]**	**Power density [W/m²]**
Standard value	95	80	0.3
A.649 - Studio 01	120	-	-
A.648 - Studio 01	120	-	-
A.647 - Studio 01	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Firefighting Staircore 2	120	-	-
Escape Staircore 3	120	-	-
Circulation	120	-	-
A.653 - Studio 01	120	-	-
A.655 - Studio 01	120	-	-
A.656 - Studio 01	120	-	-
A.657 - Studio 01	120	-	-
A.658 - Studio 01	120	-	-
A.659 - Studio 01	120	-	-
A.660 - Studio 01	120	-	-
A.661 - Studio 02	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.601 - Accessible Studio	120	-	-
Circulation	120	-	-
Bathroom	120	-	-
A.602 - 1Bed Studio	120	-	-
Bathroom	120	-	-
A.603 - Studio 02	120	-	-
A.604 - Studio 01	120	-	-
A.605 - Studio 01	120	-	-
A.606 - Studio 01	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	**Efficacy [lm/W]**	**Efficacy [lm/W]**	**Power density [W/m²]**
Standard value	95	80	0.3
Bathroom	120	-	-
A.645 - 1Bed Studio	120	-	-
A.654d - S.C. Living / Kitchen	120	-	-
A.654e - Social Cluster	120	-	-
A.654c - Social Cluster	120	-	-
A.654b - Social Cluster	120	-	-
A.654a - Social Cluster	120	-	-
A.654f - Social Cluster	120	-	-
A.654g - Social Cluster	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.644j - Ensuite	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Circulation	120	-	-
Circulation	120	-	-
A.607 - Studio 01	120	-	-
A.608 - Studio 01	120	-	-
A.609 - Studio 01	120	-	-
A.610 - Studio 01	120	-	-
A.611 - Studio 01	120	-	-
A.612 - Studio 01	120	-	-
A.613 - Studio 01	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.644h - Ensuite	120	-	-
A.644g - Ensuite	120	-	-
A.644f - Ensuite	120	-	-
A.644e - Ensuite	120	-	-
A.644d - Ensuite	120	-	-
A.644c - Ensuite	120	-	-
A.644b - Ensuite	120	-	-
A.644a - E.S. Living / Kitchen	120	-	-
A.643 - Studio 01	120	-	-
A.642 - Studio 01	120	-	-
A.641 - Studio 01	120	-	-
A.640 - Studio 01	120	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	**Efficacy [lm/W]**	**Efficacy [lm/W]**	**Power density [W/m²]**
Standard value	95	80	0.3
A.639 - Studio 01	120	-	-
A.638 - Accessible Studio	120	-	-
A.637 - Studio 01	120	-	-
A.636g - Social Cluster	120	-	-
A.636f - Social Cluster	120	-	-
A.636e - Social Cluster	120	-	-
A.636d - S.C. Living / Kitchen	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Circulation	120	-	-
A.614 - Studio 01	120	-	-
A.615 - Studio 01	120	-	-
A.616 - Studio 01	120	-	-
A.617 - Studio 01	120	-	-
A.618 - Studio 02	120	-	-
A.619 - Studio 02	120	-	-
A.620 - Studio 01	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Firefighting Staircore 1	120	-	-
Circulation	120	-	-
Circulation	120	-	-
Bathroom	120	-	-
Circulation	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.636c - Social Cluster	120	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	**Efficacy [lm/W]**	**Efficacy [lm/W]**	**Power density [W/m²]**
Standard value	95	80	0.3
A.621 - Studio 02	120	-	-
A.622 - Studio 02	120	-	-
A.623 - Studio 01	120	-	-
A.624 - Studio 01	120	-	-
A.625 - 1Bed Studio	120	-	-
A.626 - 1Bed Studio	120	-	-
A.627 - Studio 01	120	-	-
A.628 - Studio 01	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.629 - Studio 01	120	-	-
A.630 - Studio 01	120	-	-
Bathroom	120	-	-
A.631 - 1Bed Studio	120	-	-
A.632 - Studio 02	120	-	-
A.633 - Studio 02	120	-	-
A.634 - Studio 02	120	-	-
A.635 - Studio 01	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.636a - Social Cluster	120	-	-
A.636b - Social Cluster	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Cleaners Store	120	-	-
A.757 - Accessible Studio	120	-	-
Circulation	120	-	-
Bathroom	120	-	-
A.758 - Studio 01	120	-	-
Circulation	120	-	-
A.756 - 1Bed Studio	120	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	**Efficacy [lm/W]**	**Efficacy [lm/W]**	**Power density [W/m²]**
Standard value	95	80	0.3
Bathroom	120	-	-
Bathroom	120	-	-
A.759 - Studio 01	120	-	-
Bathroom	120	-	-
A.760 - Studio 01	120	-	-
Bathroom	120	-	-
A.761 - Studio 01	120	-	-
Bathroom	120	-	-
A.762 - Studio 01	120	-	-
A.763 - Studio 01	120	-	-
Bathroom	120	-	-
Cleaners Store	120	-	-
Circulation	120	-	-
A.743 - Accessible Studio	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.748 - Studio 01	120	-	-
A.749 - Accessible Studio	120	-	-
A.747 - Studio 01	120	-	-
A.746 - Studio 01	120	-	-
A.745 - Studio 01	120	-	-
A.744 - Studio 01	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Firefighting Staircore 2	120	-	-
Escape Staircore 3	120	-	-
Bathroom	120	-	-
A.750 - Studio 01	120	-	-
A.751 - Studio 01	120	-	-
A.752 - Studio 01	120	-	-
A.753 - Studio 01	120	-	-
A.754 - Studio 01	120	-	-
A.755 - Studio 02	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.701 - Accessible Studio	120	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	**Efficacy [lm/W]**	**Efficacy [lm/W]**	**Power density [W/m²]**
Standard value	95	80	0.3
A.702 - 1Bed Studio	120	-	-
Bathroom	120	-	-
A.703 - Studio 02	120	-	-
A.704 - Studio 01	120	-	-
A.705 - Studio 01	120	-	-
A.706 - Studio 01	120	-	-
Circulation	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.742 - 1Bed Studio	120	-	-
A.707 - Studio 01	120	-	-
A.741j - Ensuite	120	-	-
A.708 - Studio 01	120	-	-
A.709 - Studio 01	120	-	-
A.710 - Studio 01	120	-	-
A.711 - Studio 01	120	-	-
A.712 - Studio 01	120	-	-
A.713 - Studio 01	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Circulation	120	-	-
Circulation	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.741h - Ensuite	120	-	-
Bathroom	120	-	-
A.714 - Studio 01	120	-	-
Bathroom	120	-	-
A.741g - Ensuite	120	-	-
A.741f - Ensuite	120	-	-
A.741e - Ensuite	120	-	-
A.741d - Ensuite	120	-	-
A.741c - Ensuite	120	-	-
A.741b - Ensuite	120	-	-
A.741a - E.S. Living / Kitchen	120	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	**Efficacy [lm/W]**	**Efficacy [lm/W]**	**Power density [W/m²]**
Standard value	95	80	0.3
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.715 - Studio 01	120	-	-
A.716 - Studio 01	120	-	-
A.717 - Studio 01	120	-	-
A.718 - Studio 02	120	-	-
A.719 - Studio 02	120	-	-
A.720 - Studio 01	120	-	-
Circulation	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.740 - Studio 01	120	-	-
A.721 - Studio 02	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.722 - Studio 02	120	-	-
A.723 - Studio 01	120	-	-
A.724 - Studio 01	120	-	-
A.725 - 1Bed Studio	120	-	-
A.726 - 1Bed Studio	120	-	-
A.727 - Studio 01	120	-	-
A.728 - Studio 01	120	-	-
Circulation	120	-	-
A.735 - Accessible Studio	120	-	-
A.736 - Studio 01	120	-	-
A.737 - Studio 01	120	-	-
A.738 - Studio 01	120	-	-
A.739 - Studio 01	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	**Efficacy [lm/W]**	**Efficacy [lm/W]**	**Power density [W/m²]**
Standard value	95	80	0.3
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.729 - Studio 01	120	-	-
A.730 - Studio 01	120	-	-
A.731 - 1Bed Studio	120	-	-
A.732 - Studio 02	120	-	-
A.733 - Studio 02	120	-	-
A.734 - Studio 02	120	-	-
Bathroom	120	-	-
Firefighting Staircore 1	120	-	-
Circulation	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.830 - Studio 01	120	-	-
A.829 - Studio 01	120	-	-
Circulation	120	-	-
A.831a - E.S. Living / Kitchen	120	-	-
Bathroom	120	-	-
A.828 - Studio 01	120	-	-
Bathroom	120	-	-
A.827 - Studio 01	120	-	-
A.826 - Studio 01	120	-	-
A.825 - 1Bed Studio	120	-	-
Circulation	120	-	-
A.822 - Studio 01	120	-	-
A.821 - Studio 01	120	-	-
A.820 - Studio 02	120	-	-
A.819 - Studio 02	120	-	-
A.818 - Studio 01	120	-	-
A.817 - Studio 01	120	-	-
A.816 - Studio 01	120	-	-
A.815 - Studio 01	120	-	-
A.814 - Studio 01	120	-	-
Circulation	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	**Efficacy [lm/W]**	**Efficacy [lm/W]**	**Power density [W/m²]**
Standard value	95	80	0.3
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.831b - Ensuite	120	-	-
Circulation	120	-	-
Circulation	120	-	-
Firefighting Staircore 1	120	-	-
A.824 - Studio 01	120	-	-
Bathroom	120	-	-
A.823 - Studio 01	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.813 - Studio 01	120	-	-
A.812 - Studio 02	120	-	-
A.811 - Studio 01	120	-	-
A.810 - Studio 01	120	-	-
A.809 - Studio 01	120	-	-
Circulation	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.831c - Ensuite	120	-	-
Bathroom	120	-	-
A.831j - Ensuite	120	-	-
A.831h - Ensuite	120	-	-
A.831g - Ensuite	120	-	-
A.831f - Ensuite	120	-	-
A.831e - Ensuite	120	-	-
A.831d - Ensuite	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	**Efficacy [lm/W]**	**Efficacy [lm/W]**	**Power density [W/m²]**
Standard value	95	80	0.3
A.808 - Studio 01	120	-	-
Bathroom	120	-	-
A.807 - Studio 01	120	-	-
A.806 - Studio 01	120	-	-
A.805 - Studio 01	120	-	-
A.804 - Studio 01	120	-	-
Circulation	120	-	-
A.832 - 1Bed Studio	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.803 - Studio 01	120	-	-
Bathroom	120	-	-
Studio 02	120	-	-
Bathroom	120	-	-
A.801 - 1Bed Studio	120	-	-
Cleaners Store	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.833 - 1Bed Studio	120	-	-
Firefighting Staircore 2	120	-	-
Bathroom	120	-	-
Circulation	120	-	-
Lobby	120	-	-
Lift Lobby	120	-	-
St.	120	-	-
Circulation	120	-	-
Circulation	120	-	-
A.001 - Duplex Studio - Bedroom	120	-	-
A.002 - Duplex Studio - Bedroom	120	-	-
A.003 - Duplex Studio - Bedroom	120	-	-
A.004 - Duplex Studio - Bedroom	120	-	-
A.011 - Duplex Studio - Bedroom	120	-	-
A.010 - Duplex Studio - Bedroom	120	-	-
A.009 - Duplex Studio - Bedroom	120	-	-
A.008 - Duplex Studio - Bedroom	120	-	-
A.007 - Duplex Studio - Bedroom	120	-	-
A.006 - Duplex Studio - Bedroom	120	-	-
A.005 - Duplex Studio - Bedroom	120	-	-

The spaces in the building should have appropriate passive control measures to limit solar gains in summer

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Staff Office	NO (-41.7%)	NO
Lobby	NO (-98.5%)	NO
Reception	NO (-95.1%)	NO
Private Dining	N/A	N/A
Laundry	N/A	N/A
Faith - Multi	N/A	N/A
Lobby - Entrance	N/A	N/A
Lounge	NO (-25%)	NO
A.028 - PBSA Amenity	NO (-25.9%)	NO
Kitchenette	N/A	N/A
Bar / Games Area	NO (-25.8%)	NO
Space - Performance	NO (-1.8%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Quiet Study	YES (+23%)	NO
Circulation	NO (-97.1%)	NO
Room - Meeting	N/A	N/A
Yoga Studio	NO (-6%)	NO
Podcast Studio	N/A	N/A
Gym	NO (-78.4%)	NO
Bar	NO (-91%)	NO
A.029 - Main Comms. Room	N/A	N/A
Editing Studio	N/A	N/A
Spa	N/A	N/A
Sauna	N/A	N/A
A.163 - Accessible Studio	NO (-89.4%)	NO
Bathroom	N/A	N/A
A.164 - Studio 01	NO (-97.6%)	NO
A.162 - 1Bed Studio	NO (-94.4%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.165 - Studio 01	NO (-96.2%)	NO
Bathroom	N/A	N/A
A.166 - Studio 01	NO (-92.8%)	NO
Bathroom	N/A	N/A

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
A.167 - Studio 01	NO (-92.8%)	NO
Bathroom	N/A	N/A
A.168 - Studio 01	NO (-94.2%)	NO
A.169 - Studio 01	NO (-97.5%)	NO
Bathroom	N/A	N/A
A.146 - Accessible Studio	NO (-98.3%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.151 - Studio 01	NO (-97.3%)	NO
A.152 - Accessible Studio	NO (-98.3%)	NO
A.150 - Studio 01	NO (-95.9%)	NO
A.149 - Studio 01	NO (-96%)	NO
A.148 - Studio 01	NO (-96%)	NO
A.147 - Studio 01	NO (-97.3%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.153 - 1Bed Studio	NO (-97%)	NO
A.155 - Studio 01	NO (-80.4%)	NO
A.156 - Studio 01	NO (-92.4%)	NO
A.157 - Studio 01	NO (-83.5%)	NO
A.158 - Studio 01	NO (-83.7%)	NO
A.159 - Studio 01	NO (-84.5%)	NO
A.160 - Studio 01	NO (-84.6%)	NO
A.161 - Studio 02	NO (-95.3%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.101 - Accessible Studio	NO (-89.4%)	NO
Bathroom	N/A	N/A
A.102 - 1Bed Studio	NO (-94.5%)	NO
Bathroom	N/A	N/A
A.103 - Studio 02	NO (-95.4%)	NO
A.104 - Studio 01	NO (-85.1%)	NO
A.105 - Studio 01	NO (-84.8%)	NO
A.106 - Studio 01	NO (-85%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
A.154d - Social Cluster	NO (-86.5%)	NO
A.154b - Social Cluster	NO (-96.5%)	NO
A.154a - Social Cluster	NO (-95.3%)	NO
A.154e - Social Cluster	NO (-80.8%)	NO
A.154f - Social Cluster	NO (-83.1%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.145 - Studio 01	NO (-96.1%)	NO
A.144j - Ensuite	NO (-95.4%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.107 - Studio 01	NO (-86.3%)	NO
A.108 - Studio 01	NO (-81.1%)	NO
A.109 - Studio 01	NO (-81.2%)	NO
A.110 - Studio 01	NO (-87%)	NO
A.111 - Studio 01	NO (-85.4%)	NO
A.112 - Studio 01	NO (-85.5%)	NO
A.113 - Studio 01	NO (-78.8%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.144h - Ensuite	NO (-95.4%)	NO
A.144g - Ensuite	NO (-95.3%)	NO
A.144f - Ensuite	NO (-95.1%)	NO
A.144e - Ensuite	NO (-94.9%)	NO
A.144d - Ensuite	NO (-94.7%)	NO
A.144c - Ensuite	NO (-94.7%)	NO
A.144b - Ensuite	NO (-94.7%)	NO
A.143 - Studio 01	NO (-95.9%)	NO
A.142 - Studio 01	NO (-96%)	NO
A.141 - Studio 01	NO (-93.8%)	NO
A.140 - Studio 01	NO (-94%)	NO
A.139 - Studio 01	NO (-94.1%)	NO
A.138 - Studio 01	NO (-94.5%)	NO
A.137 - Studio 01	NO (-95.4%)	NO
A.136g - Social Cluster	NO (-94.9%)	NO
A.136f - Social Cluster	NO (-94.8%)	NO
A.136e - Social Cluster	NO (-96.4%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.114 - Studio 01	NO (-79%)	NO
A.115 - Studio 01	NO (-85.7%)	NO
A.116 - Studio 01	NO (-86%)	NO
A.117 - Studio 01	NO (-94.9%)	NO
A.118 - Studio 02	NO (-80%)	NO
A.119 - Studio 02	NO (-75%)	NO
A.120 - Studio 01	NO (-72.5%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.136c - Social Cluster	NO (-86.6%)	NO
A.121 - Studio 02	NO (-59.2%)	NO
A.122 - Studio 02	NO (-77.3%)	NO
A.123 - Studio 01	NO (-83.9%)	NO
A.124 - Studio 01	NO (-79.8%)	NO
A.125 - 1Bed Studio	NO (-75.8%)	NO
A.126 - 1Bed Studio	NO (-77.3%)	NO
A.127 - Studio 01	NO (-82.1%)	NO
A.128 - Studio 01	NO (-80.6%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.129 - Studio 01	NO (-76.1%)	NO
A.130 - Studio 01	NO (-73.2%)	NO
Bathroom	N/A	N/A
A.131 - 1Bed Studio	NO (-64.6%)	NO
A.132 - Studio 02	NO (-71.5%)	NO

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
A.133 - Studio 02	NO (-73.6%)	NO
A.134 - Studio 02	NO (-77.1%)	NO
A.135 - Studio 01	NO (-76.5%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.136a - Social Cluster	NO (-83.2%)	NO
A.136b - Social Cluster	NO (-81.2%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.263 - Accessible Studio	NO (-85.3%)	NO
Bathroom	N/A	N/A
A.264 - Studio 01	NO (-97.5%)	NO
A.262 - 1Bed Studio	NO (-92.7%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.265 - Studio 01	NO (-95.7%)	NO
Bathroom	N/A	N/A
A.266 - Studio 01	NO (-92.1%)	NO
Bathroom	N/A	N/A
A.267 - Studio 01	NO (-91.7%)	NO
Bathroom	N/A	N/A
A.268 - Studio 01	NO (-93.6%)	NO
A.269 - Studio 01	NO (-97.3%)	NO
Bathroom	N/A	N/A
A.246 - Accessible Studio	NO (-98.3%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.251 - Studio 01	NO (-97.3%)	NO
A.252 - Accessible Studio	NO (-98.2%)	NO
A.250 - Studio 01	NO (-95.8%)	NO
A.249 - Studio 01	NO (-95.7%)	NO
A.248 - Studio 01	NO (-95.8%)	NO
A.247 - Studio 01	NO (-97.2%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.253 - Studio 01	NO (-95.9%)	NO
A.255 - Studio 01	NO (-79%)	NO
A.256 - Studio 01	NO (-91.9%)	NO
A.257 - Studio 01	NO (-82.2%)	NO
A.258 - Studio 01	NO (-82.1%)	NO
A.259 - Studio 01	NO (-82.1%)	NO
A.260 - Studio 01	NO (-82.2%)	NO

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
A.261 - Studio 02	NO (-94.6%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.201 - Accessible Studio	NO (-83.9%)	NO
Bathroom	N/A	N/A
A.202 - 1Bed Studio	NO (-92.6%)	NO
Bathroom	N/A	N/A
A.203 - Studio 02	NO (-94.9%)	NO
A.204 - Studio 01	NO (-83.3%)	NO
A.205 - Studio 01	NO (-83%)	NO
A.206 - Studio 01	NO (-83.3%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.245 - 1Bed Studio	NO (-97.4%)	NO
A.254e - Social Cluster	NO (-85.8%)	NO
A.254c - Social Cluster	NO (-96.1%)	NO
A.254b - Social Cluster	NO (-94.7%)	NO
A.254a - Social Cluster	NO (-95%)	NO
A.254f - Social Cluster	NO (-79.9%)	NO
A.254g - Social Cluster	NO (-82.3%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.244j - Ensuite	NO (-95.2%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.207 - Studio 01	NO (-84.5%)	NO
A.208 - Studio 01	NO (-78.5%)	NO
A.209 - Studio 01	NO (-78.4%)	NO
A.210 - Studio 01	NO (-85.2%)	NO
A.211 - Studio 01	NO (-83.4%)	NO
A.212 - Studio 01	NO (-83.4%)	NO
A.213 - Studio 01	NO (-75.7%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.244h - Ensuite	NO (-95.1%)	NO
A.244g - Ensuite	NO (-95%)	NO
A.244f - Ensuite	NO (-94.6%)	NO
A.244e - Ensuite	NO (-94.5%)	NO
A.244d - Ensuite	NO (-94.3%)	NO
A.244c - Ensuite	NO (-94.4%)	NO
A.244b - Ensuite	NO (-94.3%)	NO
A.243 - Studio 01	NO (-95.6%)	NO
A.242 - Studio 01	NO (-95.5%)	NO
A.241 - Studio 01	NO (-93.3%)	NO
A.240 - Studio 01	NO (-93.4%)	NO
A.239 - Studio 01	NO (-93.8%)	NO
A.238 - Accessible Studio	NO (-96.2%)	NO
A.237 - Studio 01	NO (-94.9%)	NO
A.236g - Social Cluster	NO (-94.3%)	NO
A.236f - Social Cluster	NO (-94.2%)	NO
A.236e - Social Cluster	NO (-95.9%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.214 - Studio 01	NO (-75.7%)	NO
A.215 - Studio 01	NO (-83.9%)	NO
A.216 - Studio 01	NO (-84.1%)	NO
A.217 - Studio 01	NO (-94%)	NO
A.218 - Studio 02	NO (-77.2%)	NO
A.219 - Studio 02	NO (-72.4%)	NO
A.220 - Studio 01	NO (-69.5%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
Bathroom	N/A	N/A
A.236c - Social Cluster	NO (-85.8%)	NO
A.221 - Studio 02	NO (-56.6%)	NO
A.222 - Studio 02	NO (-77.3%)	NO
A.223 - Studio 01	NO (-83.9%)	NO
A.224 - Studio 01	NO (-79.8%)	NO
A.225 - 1Bed Studio	NO (-75.8%)	NO
A.226 - 1Bed Studio	NO (-77.3%)	NO
A.227 - Studio 01	NO (-82.1%)	NO
A.228 - Studio 01	NO (-80.6%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.229 - Studio 01	NO (-76%)	NO
A.230 - Studio 01	NO (-73.2%)	NO
Bathroom	N/A	N/A
A.231 - 1Bed Studio	NO (-63.6%)	NO
A.232 - Studio 02	NO (-68.6%)	NO
A.233 - Studio 02	NO (-68.8%)	NO
A.234 - Studio 02	NO (-72.2%)	NO
A.235 - Studio 01	NO (-73%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.236a - Social Cluster	NO (-82.2%)	NO
A.236b - Social Cluster	NO (-80.1%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.363 - Accessible Studio	NO (-84.9%)	NO
Bathroom	N/A	N/A
A.364 - Studio 01	NO (-97.3%)	NO
A.362 - 1Bed Studio	NO (-91.9%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.365 - Studio 01	NO (-95.2%)	NO
Bathroom	N/A	N/A
A.366 - Studio 01	NO (-91.3%)	NO
Bathroom	N/A	N/A
A.367 - Studio 01	NO (-90.9%)	NO

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
Bathroom	N/A	N/A
A.368 - Studio 01	NO (-92.9%)	NO
A.369 - Studio 01	NO (-97.2%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.351 - Studio 01	NO (-97.1%)	NO
A.352 - Accessible Studio	NO (-98.2%)	NO
A.350 - Studio 01	NO (-95.5%)	NO
A.349 - Studio 01	NO (-95.5%)	NO
A.348 - Studio 01	NO (-95.5%)	NO
A.347 - Studio 01	NO (-97.1%)	NO
A.346 - Accessible Studio	NO (-98.2%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.353 - Studio 01	NO (-95.1%)	NO
A.355 - Studio 01	NO (-78.9%)	NO
A.356 - Studio 01	NO (-91.9%)	NO
A.357 - Studio 01	NO (-82.1%)	NO
A.358 - Studio 01	NO (-82%)	NO
A.359 - Studio 01	NO (-82%)	NO
A.360 - Studio 01	NO (-82.1%)	NO
A.361 - Studio 02	NO (-94.6%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.301 - Accessible Studio	NO (-82%)	NO
Bathroom	N/A	N/A
A.302 - 1Bed Studio	NO (-91.3%)	NO
Bathroom	N/A	N/A
A.303 - Studio 02	NO (-94.3%)	NO
A.304 - Studio 01	NO (-81.3%)	NO
A.305 - Studio 01	NO (-81.1%)	NO
A.306 - Studio 01	NO (-81.3%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
Bathroom	N/A	N/A
A.345 - 1Bed Studio	NO (-97.3%)	NO
A.354e - Social Cluster	NO (-85.7%)	NO
A.354c - Social Cluster	NO (-95.2%)	NO
A.354b - Social Cluster	NO (-93.4%)	NO
A.354a - Social Cluster	NO (-94.1%)	NO
A.354f - Social Cluster	NO (-79.9%)	NO
A.354g - Social Cluster	NO (-82.2%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.344j - Ensuite	NO (-94.8%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.307 - Studio 01	NO (-82.8%)	NO
A.308 - Studio 01	NO (-76.3%)	NO
A.309 - Studio 01	NO (-75.9%)	NO
A.310 - Studio 01	NO (-83.5%)	NO
A.311 - Studio 01	NO (-81.5%)	NO
A.312 - Studio 01	NO (-81.5%)	NO
A.313 - Studio 01	NO (-72.8%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.344h - Ensuite	NO (-94.6%)	NO
A.344g - Ensuite	NO (-93.7%)	NO
A.344f - Ensuite	NO (-93.3%)	NO
A.344e - Ensuite	NO (-93.1%)	NO
A.344d - Ensuite	NO (-93%)	NO
A.344c - Ensuite	NO (-93%)	NO
A.344b - Ensuite	NO (-93.1%)	NO
A.343 - Studio 01	NO (-95.3%)	NO
A.342 - Studio 01	NO (-95%)	NO
A.341 - Studio 01	NO (-92.7%)	NO
A.340 - Studio 01	NO (-92.7%)	NO
A.339 - Studio 01	NO (-93.4%)	NO
A.338 - Accessible Studio	NO (-95.9%)	NO
A.337 - Studio 01	NO (-94.4%)	NO
A.336g - Social Cluster	NO (-93.7%)	NO
A.336f - Social Cluster	NO (-93.1%)	NO
A.336e - Social Cluster	NO (-95.2%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.314 - Studio 01	NO (-72.8%)	NO
A.315 - Studio 01	NO (-81.6%)	NO
A.316 - Studio 01	NO (-81.9%)	NO
A.317 - Studio 01	NO (-93.2%)	NO
A.318 - Studio 02	NO (-73.1%)	NO
A.319 - Studio 02	NO (-65.9%)	NO
A.320 - Studio 01	NO (-64.2%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.336c - Social Cluster	NO (-85.8%)	NO
A.321 - Studio 02	NO (-54.3%)	NO
A.322 - Studio 02	NO (-77.3%)	NO
A.323 - Studio 01	NO (-83.9%)	NO
A.324 - Studio 01	NO (-79.8%)	NO
A.325 - 1Bed Studio	NO (-75.8%)	NO
A.326 - 1Bed Studio	NO (-77.3%)	NO
A.327 - Studio 01	NO (-82.1%)	NO
A.328 - Studio 01	NO (-80.6%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.329 - Studio 01	NO (-76%)	NO
A.330 - Studio 01	NO (-73.2%)	NO
Bathroom	N/A	N/A
A.331 - 1Bed Studio	NO (-63.5%)	NO

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
A.332 - Studio 02	NO (-68.3%)	NO
A.333 - Studio 02	NO (-68.3%)	NO
A.334 - Studio 02	NO (-71.7%)	NO
A.335 - Studio 01	NO (-72.7%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	NO (-99.9%)	NO
Bathroom	N/A	N/A
A.336a - Social Cluster	NO (-82.1%)	NO
A.336b - Social Cluster	NO (-80%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.463 - Accessible Studio	NO (-84.4%)	NO
Bathroom	N/A	N/A
A.464 - Studio 01	NO (-97.1%)	NO
A.462 - 1Bed Studio	NO (-91.4%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.465 - Studio 01	NO (-94.6%)	NO
Bathroom	N/A	N/A
A.466 - Studio 01	NO (-89.9%)	NO
Bathroom	N/A	N/A
A.467 - Studio 01	NO (-89.9%)	NO
Bathroom	N/A	N/A
A.468 - Studio 01	NO (-92.2%)	NO
A.469 - Studio 01	NO (-97%)	NO
Bathroom	N/A	N/A
A.451 - Studio 01	NO (-96.8%)	NO
A.450 - Studio 01	NO (-95.3%)	NO
A.449 - Studio 01	NO (-95.1%)	NO
A.448 - Studio 01	NO (-95.2%)	NO
A.447 - Studio 01	NO (-96.9%)	NO
A.446 - Accessible Studio	NO (-98.1%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.452 - Accessible Studio	NO (-98.1%)	NO
A.453 - Studio 01	NO (-94.6%)	NO
A.455 - Studio 01	NO (-78.9%)	NO
A.456 - Studio 01	NO (-91.9%)	NO
A.457 - Studio 01	NO (-82.1%)	NO
A.458 - Studio 01	NO (-82%)	NO
A.459 - Studio 01	NO (-82%)	NO

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
A.460 - Studio 01	NO (-82.1%)	NO
A.461 - Studio 02	NO (-94.6%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.401 - Accessible Studio	NO (-80.6%)	NO
Bathroom	N/A	N/A
A.402 - 1Bed Studio	NO (-90.5%)	NO
Bathroom	N/A	N/A
A.403 - Studio 02	NO (-93.9%)	NO
A.404 - Studio 01	NO (-79.8%)	NO
A.405 - Studio 01	NO (-79.8%)	NO
A.406 - Studio 01	NO (-80%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.445 - 1Bed Studio	NO (-97%)	NO
A.454e - Social Cluster	NO (-85.7%)	NO
A.454c - Social Cluster	NO (-94.5%)	NO
A.454b - Social Cluster	NO (-92.4%)	NO
A.454a - Social Cluster	NO (-93%)	NO
A.454f - Social Cluster	NO (-79.9%)	NO
A.454g - Social Cluster	NO (-82.2%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.444j - Ensuite	NO (-94.2%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.407 - Studio 01	NO (-81.6%)	NO
A.408 - Studio 01	NO (-74.2%)	NO
A.409 - Studio 01	NO (-73.8%)	NO
A.410 - Studio 01	NO (-82.3%)	NO
A.411 - Studio 01	NO (-80.1%)	NO
A.412 - Studio 01	NO (-80%)	NO
A.413 - Studio 01	NO (-70.2%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.444h - Ensuite	NO (-93.1%)	NO
A.444g - Ensuite	NO (-92.6%)	NO
A.444f - Ensuite	NO (-92.1%)	NO
A.444e - Ensuite	NO (-91.8%)	NO
A.444d - Ensuite	NO (-91.8%)	NO
A.444c - Ensuite	NO (-92%)	NO
A.444b - Ensuite	NO (-92.1%)	NO
A.443 - Studio 01	NO (-95%)	NO
A.442 - Studio 01	NO (-94.5%)	NO
A.441 - Studio 01	NO (-91.6%)	NO
A.440 - Studio 01	NO (-91.8%)	NO
A.439 - Studio 01	NO (-92.1%)	NO
A.438 - Accessible Studio	NO (-95.5%)	NO
A.437 - Studio 01	NO (-93.8%)	NO
A.436g - Social Cluster	NO (-92.9%)	NO
A.436f - Social Cluster	NO (-92.1%)	NO
A.436e - Social Cluster	NO (-94.5%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.414 - Studio 01	NO (-70.1%)	NO
A.415 - Studio 01	NO (-80%)	NO
A.416 - Studio 01	NO (-80.2%)	NO
A.417 - Studio 01	NO (-92.3%)	NO
A.418 - Studio 02	NO (-67%)	NO
A.419 - Studio 02	NO (-55.7%)	NO
A.420 - Studio 01	NO (-60.6%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.436c - Social Cluster	NO (-85.8%)	NO
A.421 - Studio 02	NO (-52.5%)	NO
A.422 - Studio 02	NO (-77.3%)	NO
A.423 - Studio 01	NO (-83.9%)	NO
A.424 - Studio 01	NO (-79.8%)	NO
A.425 - 1Bed Studio	NO (-75.8%)	NO
A.426 - 1Bed Studio	NO (-77.3%)	NO
A.427 - Studio 01	NO (-82.1%)	NO
A.428 - Studio 01	NO (-80.6%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.429 - Studio 01	NO (-76%)	NO
A.430 - Studio 01	NO (-73.2%)	NO
Bathroom	N/A	N/A
A.431 - 1Bed Studio	NO (-63.5%)	NO
A.432 - Studio 02	NO (-68.3%)	NO
A.433 - Studio 02	NO (-68.3%)	NO
A.434 - Studio 02	NO (-71.7%)	NO
A.435 - Studio 01	NO (-72.7%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.436a - Social Cluster	NO (-82.1%)	NO
A.436b - Social Cluster	NO (-80%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.546 - Accessible Studio	NO (-98%)	NO
A.545 - 1Bed Studio	NO (-96.8%)	NO
A.547 - Studio 01	NO (-96.6%)	NO
Bathroom	N/A	N/A
A.544j - Ensuite	NO (-92.7%)	NO
A.544h - Ensuite	NO (-91.4%)	NO
A.544g - Ensuite	NO (-90.7%)	NO
A.544f - Ensuite	NO (-90.6%)	NO
A.544e - Ensuite	NO (-90.4%)	NO
A.544d - Ensuite	NO (-90.4%)	NO

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
A.544c - Ensuite	NO (-90.5%)	NO
A.544b - Ensuite	NO (-90.8%)	NO
A.543 - Studio 01	NO (-94.8%)	NO
A.551 - Studio 01	NO (-96.5%)	NO
A.550 - Studio 01	NO (-94.5%)	NO
A.549 - Studio 01	NO (-94.6%)	NO
A.548 - Studio 01	NO (-94.6%)	NO
A.552 - Accessible Studio	NO (-97.9%)	NO
A.542 - Studio 01	NO (-94%)	NO
A.541 - Studio 01	NO (-90.8%)	NO
A.540 - Studio 01	NO (-90.9%)	NO
A.539 - Studio 01	NO (-91.2%)	NO
A.538 - Accessible Studio	NO (-94.9%)	NO
A.537 - Studio 01	NO (-93.2%)	NO
A.536g - Social Cluster	NO (-91.4%)	NO
A.536f - Social Cluster	NO (-91%)	NO
A.536e - Social Cluster	NO (-93.3%)	NO
A.554c - Social Cluster	NO (-93%)	NO
A.554b - Social Cluster	NO (-90.2%)	NO
A.554a - Social Cluster	NO (-90.9%)	NO
A.553 - Studio 01	NO (-93%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.564 - Studio 01	NO (-96.9%)	NO
Bathroom	N/A	N/A
A.565 - Studio 01	NO (-94%)	NO
Bathroom	N/A	N/A
A.566 - Studio 01	NO (-88.8%)	NO
Bathroom	N/A	N/A
A.567 - Studio 01	NO (-88.7%)	NO
Bathroom	N/A	N/A
A.568 - Studio 01	NO (-91.5%)	NO
A.569 - Studio 01	NO (-96.7%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.501 - Accessible Studio	NO (-79.4%)	NO
Bathroom	N/A	N/A
A.502 - 1Bed Studio	NO (-89.3%)	NO
Bathroom	N/A	N/A
A.503 - Studio 02	NO (-93.4%)	NO
A.504 - Studio 01	NO (-78.2%)	NO
A.505 - Studio 01	NO (-78.3%)	NO
A.506 - Studio 01	NO (-78.2%)	NO

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.536c - Social Cluster	NO (-85.8%)	NO
A.554e - Social Cluster	NO (-85.7%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.507 - Studio 01	NO (-80.2%)	NO
A.508 - Studio 01	NO (-72.2%)	NO
A.509 - Studio 01	NO (-71.6%)	NO
A.510 - Studio 01	NO (-80.7%)	NO
A.511 - Studio 01	NO (-78.3%)	NO
A.512 - Studio 01	NO (-78.3%)	NO
A.513 - Studio 01	NO (-67.6%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.563 - Accessible Studio	NO (-83.5%)	NO
A.555 - Studio 01	NO (-78.9%)	NO
A.556 - Studio 01	NO (-91.9%)	NO
A.557 - Studio 01	NO (-82.1%)	NO
A.558 - Studio 01	NO (-82%)	NO
A.559 - Studio 01	NO (-82%)	NO
A.560 - Studio 01	NO (-82.1%)	NO
A.561 - Studio 02	NO (-94.6%)	NO

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
Bathroom	N/A	N/A
A.562 - 1Bed Studio	NO (-90.1%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.514 - Studio 01	NO (-67.6%)	NO
A.515 - Studio 01	NO (-78.3%)	NO
A.516 - Studio 01	NO (-78.3%)	NO
A.517 - Studio 01	NO (-91.6%)	NO
A.518 - Studio 02	NO (-63.2%)	NO
A.519 - Studio 02	NO (-52%)	NO
A.520 - Studio 01	NO (-58.9%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.521 - Studio 02	NO (-51.8%)	NO
A.522 - Studio 02	NO (-77.3%)	NO
A.523 - Studio 01	NO (-83.9%)	NO
A.524 - Studio 01	NO (-79.8%)	NO
A.525 - 1Bed Studio	NO (-75.8%)	NO
A.526 - 1Bed Studio	NO (-77.3%)	NO
A.527 - Studio 01	NO (-82.1%)	NO
A.528 - Studio 01	NO (-80.6%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.529 - Studio 01	NO (-76%)	NO
A.530 - Studio 01	NO (-73.2%)	NO
Bathroom	N/A	N/A
A.531 - 1Bed Studio	NO (-63.5%)	NO
A.532 - Studio 02	NO (-68.3%)	NO
A.533 - Studio 02	NO (-68.3%)	NO
A.534 - Studio 02	NO (-71.7%)	NO

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
A.535 - Studio 01	NO (-72.7%)	NO
Bathroom	N/A	N/A
Bathroom	NO (-99.9%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.536a - Social Cluster	NO (-82.1%)	NO
A.536b - Social Cluster	NO (-80%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.554f - Social Cluster	NO (-79.9%)	NO
Bathroom	N/A	N/A
A.554g - Social Cluster	NO (-82.2%)	NO
Bathroom	N/A	N/A
A.663 - Accessible Studio	NO (-81.6%)	NO
Bathroom	N/A	N/A
A.664 - Studio 01	NO (-96.7%)	NO
A.662 - 1Bed Studio	NO (-88.7%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.665 - Studio 01	NO (-93.7%)	NO
Bathroom	N/A	N/A
A.666 - Studio 01	NO (-88.2%)	NO
Bathroom	N/A	N/A
A.667 - Studio 01	NO (-88.1%)	NO
Bathroom	N/A	N/A
A.668 - Studio 01	NO (-91%)	NO
Studio 01	NO (-96.5%)	NO
Bathroom	N/A	N/A
A.646 - Accessible Studio	NO (-97.9%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.651 - Studio 01	NO (-95.7%)	NO
A.652 - Accessible Studio	NO (-97.7%)	NO
A.650 - Studio 01	NO (-93.7%)	NO
A.649 - Studio 01	NO (-94%)	NO
A.648 - Studio 01	NO (-94.2%)	NO
A.647 - Studio 01	NO (-96.2%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.653 - Studio 01	NO (-91.2%)	NO
A.655 - Studio 01	NO (-78.9%)	NO
A.656 - Studio 01	NO (-91.9%)	NO
A.657 - Studio 01	NO (-82.1%)	NO
A.658 - Studio 01	NO (-82%)	NO

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
A.659 - Studio 01	NO (-82%)	NO
A.660 - Studio 01	NO (-82.1%)	NO
A.661 - Studio 02	NO (-94.6%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.601 - Accessible Studio	NO (-77.3%)	NO
Bathroom	N/A	N/A
A.602 - 1Bed Studio	NO (-88.5%)	NO
Bathroom	N/A	N/A
A.603 - Studio 02	NO (-93.3%)	NO
A.604 - Studio 01	NO (-77.9%)	NO
A.605 - Studio 01	NO (-78%)	NO
A.606 - Studio 01	NO (-77.9%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.645 - 1Bed Studio	NO (-95.6%)	NO
A.654e - Social Cluster	NO (-85.7%)	NO
A.654c - Social Cluster	NO (-91.6%)	NO
A.654b - Social Cluster	NO (-88.3%)	NO
A.654a - Social Cluster	NO (-88.7%)	NO
A.654f - Social Cluster	NO (-79.9%)	NO
A.654g - Social Cluster	NO (-82.2%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.644j - Ensuite	NO (-89.6%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.607 - Studio 01	NO (-79.9%)	NO
A.608 - Studio 01	NO (-71.7%)	NO
A.609 - Studio 01	NO (-71.1%)	NO
A.610 - Studio 01	NO (-80.4%)	NO
A.611 - Studio 01	NO (-77.9%)	NO
A.612 - Studio 01	NO (-77.9%)	NO
A.613 - Studio 01	NO (-67%)	NO
Bathroom	N/A	N/A

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.644h - Ensuite	NO (-88.7%)	NO
A.644g - Ensuite	NO (-88.2%)	NO
A.644f - Ensuite	NO (-88.1%)	NO
A.644e - Ensuite	NO (-88.3%)	NO
A.644d - Ensuite	NO (-88.4%)	NO
A.644c - Ensuite	NO (-88.7%)	NO
A.644b - Ensuite	NO (-89.1%)	NO
A.643 - Studio 01	NO (-94.4%)	NO
A.642 - Studio 01	NO (-93.4%)	NO
A.641 - Studio 01	NO (-89.8%)	NO
A.640 - Studio 01	NO (-89.6%)	NO
A.639 - Studio 01	NO (-89.6%)	NO
A.638 - Accessible Studio	NO (-93.5%)	NO
A.637 - Studio 01	NO (-92.6%)	NO
A.636g - Social Cluster	NO (-90.3%)	NO
A.636f - Social Cluster	NO (-89.6%)	NO
A.636e - Social Cluster	NO (-92.1%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.614 - Studio 01	NO (-67%)	NO
A.615 - Studio 01	NO (-77.9%)	NO
A.616 - Studio 01	NO (-78%)	NO
A.617 - Studio 01	NO (-91.5%)	NO
A.618 - Studio 02	NO (-62.7%)	NO
A.619 - Studio 02	NO (-51.8%)	NO
A.620 - Studio 01	NO (-58.8%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.636c - Social Cluster	NO (-85.8%)	NO
A.621 - Studio 02	NO (-51.8%)	NO
A.622 - Studio 02	NO (-77.3%)	NO
A.623 - Studio 01	NO (-83.9%)	NO
A.624 - Studio 01	NO (-79.8%)	NO
A.625 - 1Bed Studio	NO (-75.8%)	NO
A.626 - 1Bed Studio	NO (-77.3%)	NO
A.627 - Studio 01	NO (-82.1%)	NO
A.628 - Studio 01	NO (-80.6%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.629 - Studio 01	NO (-76%)	NO
A.630 - Studio 01	NO (-73.2%)	NO
Bathroom	N/A	N/A
A.631 - 1Bed Studio	NO (-63.5%)	NO
A.632 - Studio 02	NO (-68.3%)	NO
A.633 - Studio 02	NO (-68.3%)	NO
A.634 - Studio 02	NO (-71.7%)	NO
A.635 - Studio 01	NO (-72.7%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.636a - Social Cluster	NO (-82.1%)	NO
A.636b - Social Cluster	NO (-80%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.757 - Accessible Studio	NO (-73.5%)	NO
Bathroom	N/A	N/A
A.758 - Studio 01	NO (-95.9%)	NO
A.756 - 1Bed Studio	NO (-87%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.759 - Studio 01	NO (-93.5%)	NO
Bathroom	N/A	N/A
A.760 - Studio 01	NO (-88.1%)	NO

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
Bathroom	N/A	N/A
A.761 - Studio 01	NO (-88.1%)	NO
Bathroom	N/A	N/A
A.762 - Studio 01	NO (-90.8%)	NO
A.763 - Studio 01	NO (-96.1%)	NO
Bathroom	N/A	N/A
A.743 - Accessible Studio	NO (-97.7%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.748 - Studio 01	NO (-94.7%)	NO
A.749 - Accessible Studio	NO (-98.1%)	NO
A.747 - Studio 01	NO (-92.3%)	NO
A.746 - Studio 01	NO (-92.7%)	NO
A.745 - Studio 01	NO (-93.3%)	NO
A.744 - Studio 01	NO (-95.8%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.750 - Studio 01	NO (-96.3%)	NO
A.751 - Studio 01	NO (-82.1%)	NO
A.752 - Studio 01	NO (-82%)	NO
A.753 - Studio 01	NO (-82%)	NO
A.754 - Studio 01	NO (-82.1%)	NO
A.755 - Studio 02	NO (-94.6%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.701 - Accessible Studio	NO (-75%)	NO
A.702 - 1Bed Studio	NO (-87.6%)	NO
Bathroom	N/A	N/A
A.703 - Studio 02	NO (-93.3%)	NO
A.704 - Studio 01	NO (-77.9%)	NO
A.705 - Studio 01	NO (-78%)	NO
A.706 - Studio 01	NO (-77.9%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.742 - 1Bed Studio	NO (-93.6%)	NO
A.707 - Studio 01	NO (-79.9%)	NO
A.741j - Ensuite	NO (-87.5%)	NO

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
A.708 - Studio 01	NO (-71.7%)	NO
A.709 - Studio 01	NO (-71.1%)	NO
A.710 - Studio 01	NO (-80.4%)	NO
A.711 - Studio 01	NO (-77.9%)	NO
A.712 - Studio 01	NO (-77.9%)	NO
A.713 - Studio 01	NO (-67.1%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.741h - Ensuite	NO (-87.4%)	NO
Bathroom	N/A	N/A
A.714 - Studio 01	NO (-67%)	NO
Bathroom	N/A	N/A
A.741g - Ensuite	NO (-87.4%)	NO
A.741f - Ensuite	NO (-87.3%)	NO
A.741e - Ensuite	NO (-87.3%)	NO
A.741d - Ensuite	NO (-87.5%)	NO
A.741c - Ensuite	NO (-87.9%)	NO
A.741b - Ensuite	NO (-88.4%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.715 - Studio 01	NO (-77.9%)	NO
A.716 - Studio 01	NO (-77.9%)	NO
A.717 - Studio 01	NO (-91.5%)	NO
A.718 - Studio 02	NO (-62.7%)	NO
A.719 - Studio 02	NO (-51.8%)	NO
A.720 - Studio 01	NO (-58.8%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.740 - Studio 01	NO (-93.8%)	NO
A.721 - Studio 02	NO (-51.6%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.722 - Studio 02	NO (-77.3%)	NO
A.723 - Studio 01	NO (-83.9%)	NO
A.724 - Studio 01	NO (-79.8%)	NO
A.725 - 1Bed Studio	NO (-75.8%)	NO

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
A.726 - 1Bed Studio	NO (-77.3%)	NO
A.727 - Studio 01	NO (-82.1%)	NO
A.728 - Studio 01	NO (-80.6%)	NO
A.735 - Accessible Studio	NO (-92.5%)	NO
A.736 - Studio 01	NO (-88.4%)	NO
A.737 - Studio 01	NO (-88.7%)	NO
A.738 - Studio 01	NO (-88.8%)	NO
A.739 - Studio 01	NO (-92.7%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.729 - Studio 01	NO (-63.6%)	NO
A.730 - Studio 01	NO (-59.2%)	NO
A.731 - 1Bed Studio	NO (-59%)	NO
A.732 - Studio 02	NO (-53%)	NO
A.733 - Studio 02	NO (-53%)	NO
A.734 - Studio 02	NO (-79.5%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.830 - Studio 01	NO (-92.9%)	NO
A.829 - Studio 01	NO (-92.2%)	NO
Bathroom	N/A	N/A
A.828 - Studio 01	NO (-88.3%)	NO
Bathroom	N/A	N/A
A.827 - Studio 01	NO (-88.1%)	NO
A.826 - Studio 01	NO (-88%)	NO
A.825 - 1Bed Studio	NO (-92.2%)	NO
A.822 - Studio 01	NO (-76.3%)	NO
A.821 - Studio 01	NO (-84.9%)	NO
A.820 - Studio 02	NO (-78.3%)	NO
A.819 - Studio 02	NO (-78.5%)	NO
A.818 - Studio 01	NO (-84.7%)	NO
A.817 - Studio 01	NO (-76.7%)	NO
A.816 - Studio 01	NO (-85.6%)	NO

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
A.815 - Studio 01	NO (-79.1%)	NO
A.814 - Studio 01	NO (-73.6%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.831b - Ensuite	NO (-87.4%)	NO
A.824 - Studio 01	N/A	N/A
Bathroom	N/A	N/A
A.823 - Studio 01	NO (-88.8%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.813 - Studio 01	NO (-79%)	NO
A.812 - Studio 02	NO (-80.4%)	NO
A.811 - Studio 01	NO (-69.3%)	NO
A.810 - Studio 01	NO (-62.9%)	NO
A.809 - Studio 01	NO (-76.5%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.831c - Ensuite	NO (-87.1%)	NO
Bathroom	N/A	N/A
A.831j - Ensuite	NO (-86.7%)	NO
A.831h - Ensuite	NO (-86.6%)	NO
A.831g - Ensuite	NO (-86.6%)	NO
A.831f - Ensuite	NO (-86.7%)	NO
A.831e - Ensuite	NO (-86.8%)	NO
A.831d - Ensuite	NO (-86.9%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.808 - Studio 01	NO (-62.9%)	NO
Bathroom	N/A	N/A
A.807 - Studio 01	NO (-62.8%)	NO
A.806 - Studio 01	NO (-76.3%)	NO
A.805 - Studio 01	NO (-63.3%)	NO
A.804 - Studio 01	NO (-77.4%)	NO

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
A.832 - 1Bed Studio	NO (-92.8%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.803 - Studio 01	NO (-76.2%)	NO
Bathroom	N/A	N/A
Studio 02	NO (-79%)	NO
Bathroom	N/A	N/A
A.801 - 1Bed Studio	NO (-93.1%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.833 - 1Bed Studio	NO (-98.2%)	NO
Bathroom	N/A	N/A
A.001 - Duplex Studio - Bedroom	NO (-98.3%)	NO
A.002 - Duplex Studio - Bedroom	NO (-95.4%)	NO
A.003 - Duplex Studio - Bedroom	NO (-95.4%)	NO
A.004 - Duplex Studio - Bedroom	NO (-95.4%)	NO
A.011 - Duplex Studio - Bedroom	NO (-93.3%)	NO
A.010 - Duplex Studio - Bedroom	NO (-93.7%)	NO
A.009 - Duplex Studio - Bedroom	NO (-93.8%)	NO
A.008 - Duplex Studio - Bedroom	NO (-94.4%)	NO
A.007 - Duplex Studio - Bedroom	NO (-94.6%)	NO
A.006 - Duplex Studio - Bedroom	NO (-94.5%)	NO
A.005 - Duplex Studio - Bedroom	NO (-97.9%)	NO

Regulation 25A: Consideration of high efficiency alternative energy systems

Were alternative energy systems considered and analysed as part of the design process?	YES
Is evidence of such assessment available as a separate submission?	NO
Are any such measures included in the proposed design?	YES

Technical Data Sheet (Actual vs. Notional Building)

Building Global Parameters

	Actual	Notional
Floor area [m^2]	18415.1	18415.1
External area [m^2]	14013.5	14013.5
Weather	LON	LON
Infiltration [m^3/hm^2@ 50Pa]	2	3
Average conductance [W/K]	3952.87	6507.75
Average U-value [W/m^2K]	0.28	0.46
Alpha value* [%]	24.96	10

* Percentage of the building's average heat transfer coefficient which is due to thermal bridging

Building Use

% Area	Building Type
	Retail/Financial and Professional Services
	Restaurants and Cafes/Drinking Establishments/Takeaways
	Offices and Workshop Businesses
	General Industrial and Special Industrial Groups
	Storage or Distribution
	Hotels
	Residential Institutions: Hospitals and Care Homes
	Residential Institutions: Residential Schools
100	**Residential Institutions: Universities and Colleges**
	Secure Residential Institutions
	Residential Spaces
	Non-residential Institutions: Community/Day Centre
	Non-residential Institutions: Libraries, Museums, and Galleries
	Non-residential Institutions: Education
	Non-residential Institutions: Primary Health Care Building
	Non-residential Institutions: Crown and County Courts
	General Assembly and Leisure, Night Clubs, and Theatres
	Others: Passenger Terminals
	Others: Emergency Services
	Others: Miscellaneous 24hr Activities
	Others: Car Parks 24 hrs
	Others: Stand Alone Utility Block

Energy Consumption by End Use [kWh/m^2]

	Actual	Notional
Heating	9.56	12.49
Cooling	0.31	0.29
Auxiliary	3.12	5.2
Lighting	4.97	6.32
Hot water	6.47	5.18
Equipment*	18.68	18.68
TOTAL**	**24.44**	**29.48**

* Energy used by equipment does not count towards the total for consumption or calculating emissions.
** Total is net of any electrical energy displaced by CHP generators, if applicable.

Energy Production by Technology [kWh/m^2]

	Actual	Notional
Photovoltaic systems	5.77	0
Wind turbines	0	0
CHP generators	0	0
Solar thermal systems	0	0
Displaced electricity	*5.77*	*0*

Energy & CO_2 Emissions Summary

	Actual	Notional
Heating + cooling demand [MJ/m^2]	107.37	129.79
Primary energy [kWh_{PE}/m^2]	28.15	44.23
Total emissions [kg/m^2]	2.72	4.18

HVAC Systems Performance

System Type		Heat dem MJ/m2	Cool dem MJ/m2	Heat con kWh/m2	Cool con kWh/m2	Aux con kWh/m2	Heat SSEEF	Cool SSEER	Heat gen SEFF	Cool gen SEER
[ST] Central heating using water: radiators, [HS] ASHP, [HFT] Electricity, [CFT] Electricity										
	Actual	168.3	0	15.5	0	2.6	3.02	0	3.22	0
	Notional	200.1	0	20	0	6.1	2.78	0	----	----
[ST] Fan coil systems, [HS] ASHP, [HFT] Electricity, [CFT] Electricity										
	Actual	53.2	68.7	5.3	6.1	11.1	2.76	3.15	3.22	3.81
	Notional	55.7	106.2	5.6	6.4	15.6	2.78	4.63	----	----
[ST] Central heating using water: radiators, [HS] ASHP, [HFT] Electricity, [CFT] Electricity										
	Actual	22	0	2	0	5.1	3.02	0	3.22	0
	Notional	40.5	0	4	0	3.2	2.78	0	----	----
[ST] Fan coil systems, [HS] ASHP, [HFT] Electricity, [CFT] Electricity										
	Actual	35.2	70	3.7	6.5	18.3	2.61	3	3.22	3.81
	Notional	12.6	79.1	1.3	4.7	27.6	2.78	4.63	----	----
[ST] Fan coil systems, [HS] ASHP, [HFT] Electricity, [CFT] Electricity										
	Actual	30.1	53.1	3.1	5	10.5	2.67	2.94	3.22	3.81
	Notional	8	60.1	0.8	3.6	12.1	2.78	4.63	----	----
[ST] Split or multi-split system, [HS] ASHP, [HFT] Electricity, [CFT] Electricity										
	Actual	0	0	0	0	0	3.92	5.08	4	6.8
	Notional	0	0	0	0	0	2.78	4.63	----	----
[ST] No Heating or Cooling										
	Actual	0	0	0	0	0	0	0	0	0
	Notional	0	0	0	0	0	0	0	----	----

Key to terms

Heat dem [MJ/m2] = Heating energy demand
Cool dem [MJ/m2] = Cooling energy demand
Heat con [kWh/m2] = Heating energy consumption
Cool con [kWh/m2] = Cooling energy consumption
Aux con [kWh/m2] = Auxiliary energy consumption
Heat SSEFF = Heating system seasonal efficiency (for notional building, value depends on activity glazing class)
Cool SSEER = Cooling system seasonal energy efficiency ratio
Heat gen SSEFF = Heating generator seasonal efficiency
Cool gen SSEER = Cooling generator seasonal energy efficiency ratio
ST = System type
HS = Heat source
HFT = Heating fuel type
CFT = Cooling fuel type

BRUKL Output Document

HM Government

Compliance with England Building Regulations Part L 2021

Project name

Lordship Lane

As designed

Date: Fri Jun 05 12:06:48 2026

Administrative information

Building Details

Address: 707 -725 Lordship Lane Wood Green, London, N22 5JY

Certifier details

Name: Jean

Telephone number: Phone

Address: Cross Lanes, Guildford, GU1 1UJ

Certification tool

Calculation engine: Apache

Calculation engine version: 7.0.31

Interface to calculation engine: IES Virtual Environment

Interface to calculation engine version: 7.0.31

BRUKL compliance module version: v6.1.e.1

Foundation area [m^2]: 1461.84

The CO_2 emission and primary energy rates of the building must not exceed the targets

Target CO_2 emission rate (TER), $kgCO_2/m^2.annum$	4.18	
Building CO_2 emission rate (BER), $kgCO_2/m^2.annum$	3.39	
Target primary energy rate (TPER), $kWh_{PE}/m^2.annum$	44.23	
Building primary energy rate (BPER), $kWh_{PE}/m^2.annum$	35.82	
Do the building's emission and primary energy rates exceed the targets?	BER =< TER	BPER =< TPER

The performance of the building fabric and fixed building services should achieve reasonable overall standards of energy efficiency

Fabric element	$U_{a\text{-}Limit}$	$U_{a\text{-}Calc}$	$U_{i\text{-}Calc}$	First surface with maximum value
Walls*	0.26	0.14	0.18	83000000:Surf[3]
Floors	0.18	0.08	0.08	00000000:Surf[0]
Pitched roofs	0.16	-	-	No pitched roofs in building
Flat roofs	0.18	0.1	0.1	01000000:Surf[3]
Windows** and roof windows	1.6	1.19	1.19	00000000:Surf[1]
Rooflights***	2.2	-	-	No roof lights in building
Personnel doors^	1.6	1.4	1.4	01000000:Surf[1]
Vehicle access & similar large doors	1.3	-	-	No vehicle access doors in building
High usage entrance doors	3	1.4	1.4	01000001:Surf[1]

$U_{a\text{-}Limit}$ = Limiting area-weighted average U-values [$W/(m^2K)$] $U_{i\text{-}Calc}$ = Calculated maximum individual element U-values [$W/(m^2K)$]

$U_{a\text{-}Calc}$ = Calculated area-weighted average U-values [$W/(m^2K)$]

* Automatic U-value check by the tool does not apply to curtain walls whose limiting standard is similar to that for windows.

** Display windows and similar glazing are excluded from the U-value check. *** Values for rooflights refer to the horizontal position.

^ For fire doors, limiting U-value is 1.8 W/m^2K

NB: Neither roof ventilators (inc. smoke vents) nor swimming pool basins are modelled or checked against the limiting standards by the tool.

Air permeability	Limiting standard	This building
$m^3/(h.m^2)$ at 50 Pa	8	2

Building services

For details on the standard values listed below, system-specific guidance, and additional regulatory requirements, refer to the Approved Documents.

Whole building lighting automatic monitoring & targeting with alarms for out-of-range values	YES
Whole building electric power factor achieved by power factor correction	>0.95

1- ASHP+ MEV_Notional

	Heating efficiency	**Cooling efficiency**	**Radiant efficiency**	**SFP [W/(l/s)]**	**HR efficiency**
This system	3.09	-	0.2	-	-
Standard value	2.5*	N/A	N/A	N/A	N/A
Automatic monitoring & targeting with alarms for out-of-range values for this HVAC system					YES

* Standard shown is for all types >12 kW output, except absorption and gas engine heat pumps.

2- Fan coil + AHU_Notional

	Heating efficiency	**Cooling efficiency**	**Radiant efficiency**	**SFP [W/(l/s)]**	**HR efficiency**
This system	3.09	5.79	0	0.86	0.86
Standard value	2.5*	N/A	N/A	2^	N/A
Automatic monitoring & targeting with alarms for out-of-range values for this HVAC system					YES

* Standard shown is for all types >12 kW output, except absorption and gas engine heat pumps.

^ Limiting SFP may be increased by the amounts specified in the Approved Documents if the installation includes particular components.

3- Fan coil + MVHR AN035JSKLKN/EU_Notional

	Heating efficiency	**Cooling efficiency**	**Radiant efficiency**	**SFP [W/(l/s)]**	**HR efficiency**
This system	3.09	5.79	0	1.12	0.79
Standard value	2.5*	N/A	N/A	2^	N/A
Automatic monitoring & targeting with alarms for out-of-range values for this HVAC system					YES

* Standard shown is for all types >12 kW output, except absorption and gas engine heat pumps.

^ Limiting SFP may be increased by the amounts specified in the Approved Documents if the installation includes particular components.

4- Fan coil + MVHR AN080JSKLKN/EU_Notional

	Heating efficiency	**Cooling efficiency**	**Radiant efficiency**	**SFP [W/(l/s)]**	**HR efficiency**
This system	3.09	5.79	0	0.8	0.78
Standard value	2.5*	N/A	N/A	2^	N/A
Automatic monitoring & targeting with alarms for out-of-range values for this HVAC system					YES

* Standard shown is for all types >12 kW output, except absorption and gas engine heat pumps.

^ Limiting SFP may be increased by the amounts specified in the Approved Documents if the installation includes particular components.

5- Split Samsung AC071RXADKG/EU_Notional

	Heating efficiency	**Cooling efficiency**	**Radiant efficiency**	**SFP [W/(l/s)]**	**HR efficiency**
This system	3.09	5.79	-	-	-
Standard value	2.5*	5	N/A	N/A	N/A
Automatic monitoring & targeting with alarms for out-of-range values for this HVAC system					YES

* Standard shown is for all types >12 kW output, except absorption and gas engine heat pumps.

6- ASHP+ MVHR_ Notional

	Heating efficiency	Cooling efficiency	Radiant efficiency	SFP [W/(l/s)]	HR efficiency
This system	3.09	-	0.2	-	0.88
Standard value	2.5*	N/A	N/A	N/A	N/A
Automatic monitoring & targeting with alarms for out-of-range values for this HVAC system					YES
* Standard shown is for all types >12 kW output, except absorption and gas engine heat pumps.					

1- ASHP_DHW_Notional_High Demand

	Water heating efficiency	Storage loss factor [kWh/litre per day]
This building	3.01	-
Standard value	2*	N/A
* Standard shown is for all types except absorption and gas engine heat pumps.		

2- ASHP_DHW_Notional_Low Demand

	Water heating efficiency	Storage loss factor [kWh/litre per day]
This building	3.01	-
Standard value	2*	N/A
* Standard shown is for all types except absorption and gas engine heat pumps.		

Zone-level mechanical ventilation, exhaust, and terminal units

ID	System type in the Approved Documents
A	Local supply or extract ventilation units
B	Zonal supply system where the fan is remote from the zone
C	Zonal extract system where the fan is remote from the zone
D	Zonal balanced supply and extract ventilation system
E	Local balanced supply and extract ventilation units
F	Other local ventilation units
G	Fan assisted terminal variable air volume units
H	Fan coil units
I	Kitchen extract with the fan remote from the zone and a grease filter
NB: Limiting SFP may be increased by the amounts specified in the Approved Documents if the installation includes particular components.	

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
A.001 - Duplex Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
A.002 - Duplex Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.004 - Duplex Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
A.003 - Duplex Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Staff Office	-	-	-	-	-	-	-	0.2	-	-	N/A
Lobby	-	-	-	-	-	-	-	0.2	-	-	N/A
Reception	-	-	-	-	-	-	-	0.2	-	-	N/A
Private Dining	-	-	-	-	-	-	-	0.2	-	-	N/A
Laundry	-	-	-	-	-	-	-	0.2	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
Faith - Multi	-	-	-	-	-	-	-	0.2	-	-	N/A
Lobby - Entrance	-	-	-	-	-	-	-	0.2	-	-	N/A
Lounge	-	-	-	-	-	-	-	0.2	-	-	N/A
A.028 - PBSA Amenity	-	-	-	-	-	-	-	0.2	-	-	N/A
Kitchenette	-	-	-	-	-	-	-	0.2	-	-	N/A
Bar / Games Area	-	-	-	-	-	-	-	0.2	-	-	N/A
Space - Performance	-	-	-	-	-	-	-	0.2	-	-	N/A
A.005 - Duplex Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
A.006 - Duplex Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
A.007 - Duplex Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
A.008 - Duplex Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
A.009 - Duplex Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
A.010 - Duplex Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
A.011 - Duplex Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Quiet Study	-	-	-	-	-	-	-	0.2	-	-	N/A
Circulation	-	-	-	-	-	-	-	0.2	-	-	N/A
Room - Meeting	-	-	-	-	-	-	-	0.2	-	-	N/A
Yoga Studio	-	-	-	-	-	-	-	0.2	-	-	N/A
Podcast Studio	-	-	-	-	-	-	-	0.2	-	-	N/A
Gym	-	-	-	-	-	-	-	0.2	-	-	N/A
Bar	-	-	-	-	-	-	-	0.2	-	-	N/A
Editing Studio	-	-	-	-	-	-	-	0.2	-	-	N/A
Spa	-	-	-	-	-	-	-	0.2	-	-	N/A
Sauna	-	-	-	-	-	-	-	0.3	-	-	N/A
A.163 - Accessible Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.164 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.162 - 1Bed Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.165 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.166 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.167 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
A.168 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.169 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.146 - Accessible Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.151 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.152 - Accessible Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
A.150 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.149 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.148 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.147 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.153 - 1Bed Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
A.155 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.156 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.157 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.158 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.159 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.160 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.161 - Studio 02	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.101 - Accessible Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.102 - 1Bed Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.103 - Studio 02	-	-	0.2	-	-	-	-	-	-	-	N/A
A.104 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.105 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.106 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.154c - S.C. Living / Kitchen	-	-	0.2	-	-	-	-	-	-	-	N/A
A.154d - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.154b - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.154a - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.154e - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.154f - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.145 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.144j - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.107 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.108 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.109 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.110 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.111 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.112 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.113 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.144h - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.144g - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.144f - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.144e - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.144d - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.144c - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.144b - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.144a - E.S. Living / Kitchen	-	-	0.2	-	-	-	-	-	-	-	N/A
A.143 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.142 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.141 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
A.140 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.139 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.138 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.137 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.136g - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.136f - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.136e - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.136d - S.C. Living / Kitchen	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.114 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.115 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.116 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.117 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.118 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A
A.119 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A
A.120 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.136c - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.121 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A
A.122 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A
A.123 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
A.124 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
A.125 - 1Bed Studio	-	0.7	-	-	-	-	-	-	-	-	N/A
A.126 - 1Bed Studio	-	0.7	-	-	-	-	-	-	-	-	N/A
A.127 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
A.128 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
A.129 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
A.130 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
A.131 - 1Bed Studio	-	0.7	-	-	-	-	-	-	-	-	N/A
A.132 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A
A.133 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A
A.134 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A
A.135 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.136a - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.136b - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.263 - Accessible Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.264 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.262 - 1Bed Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.265 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.266 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.267 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.268 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.269 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.246 - Accessible Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.251 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.252 - Accessible Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
A.250 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.249 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.248 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.247 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.253 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.255 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.256 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.257 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.258 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.259 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.260 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.261 - Studio 02	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.201 - Accessible Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.202 - 1Bed Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.203 - Studio 02	-	-	0.2	-	-	-	-	-	-	-	N/A
A.204 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
A.205 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.206 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.245 - 1Bed Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
A.254d - S.C. Living / Kitchen	-	-	0.2	-	-	-	-	-	-	-	N/A
A.254e - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.254c - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.254b - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.254a - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.254f - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.254g - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.244j - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.207 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.208 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.209 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.210 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.211 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.212 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.213 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.244h - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.244g - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.244f - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.244e - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.244d - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.244c - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.244b - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.244a - E.S. Living / Kitchen	-	-	0.2	-	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
A.243 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.242 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.241 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.240 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.239 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.238 - Accessible Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
A.237 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.236g - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.236f - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.236e - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.236d - S.C. Living / Kitchen	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.214 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.215 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.216 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.217 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.218 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A
A.219 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A
A.220 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.236c - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.221 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
A.222 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A
A.223 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
A.224 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
A.225 - 1Bed Studio	-	0.7	-	-	-	-	-	-	-	-	N/A
A.226 - 1Bed Studio	-	0.7	-	-	-	-	-	-	-	-	N/A
A.227 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
A.228 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
A.229 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
A.230 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
A.231 - 1Bed Studio	-	0.7	-	-	-	-	-	-	-	-	N/A
A.232 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A
A.233 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A
A.234 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A
A.235 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.236a - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.236b - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.363 - Accessible Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.364 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.362 - 1Bed Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.365 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
A.366 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.367 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.368 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.369 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.351 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.352 - Accessible Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
A.350 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.349 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.348 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.347 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.346 - Accessible Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.353 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.355 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.356 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.357 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.358 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.359 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.360 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.361 - Studio 02	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.301 - Accessible Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.302 - 1Bed Studio	-	-	0.2	-	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.303 - Studio 02	-	-	0.2	-	-	-	-	-	-	-	N/A
A.304 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.305 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.306 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.345 - 1Bed Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
A.354d - S.C. Living / Kitchen	-	-	0.2	-	-	-	-	-	-	-	N/A
A.354e - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.354c - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.354b - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.354a - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.354f - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.354g - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.344j - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.307 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.308 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.309 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.310 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.311 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.312 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.313 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.344h - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.344g - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.344f - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.344e - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.344d - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
A.344c - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.344b - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.344a - E.S. Living / Kitchen	-	-	0.2	-	-	-	-	-	-	-	N/A
A.343 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.342 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.341 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.340 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.339 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.338 - Accessible Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
A.337 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.336g - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.336f - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.336e - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.336d - S.C. Living / Kitchen	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.314 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.315 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.316 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.317 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.318 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A
A.319 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A
A.320 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.336c - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.321 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A
A.322 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A
A.323 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
A.324 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
A.325 - 1Bed Studio	-	0.7	-	-	-	-	-	-	-	-	N/A
A.326 - 1Bed Studio	-	0.7	-	-	-	-	-	-	-	-	N/A
A.327 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
A.328 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
A.329 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
A.330 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
A.331 - 1Bed Studio	-	0.7	-	-	-	-	-	-	-	-	N/A
A.332 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A
A.333 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A
A.334 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A
A.335 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
A.336a - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.336b - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.463 - Accessible Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.464 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.462 - 1Bed Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.465 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.466 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.467 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.468 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.469 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.451 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.450 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.449 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.448 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.447 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.446 - Accessible Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.452 - Accessible Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
A.453 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.455 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.456 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.457 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.458 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.459 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.460 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.461 - Studio 02	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
A.401 - Accessible Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.402 - 1Bed Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.403 - Studio 02	-	-	0.2	-	-	-	-	-	-	-	N/A
A.404 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.405 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.406 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.445 - 1Bed Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
A.454d - S.C. Living / Kitchen	-	-	0.2	-	-	-	-	-	-	-	N/A
A.454e - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.454c - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.454b - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.454a - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.454f - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.454g - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.444j - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.407 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.408 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.409 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.410 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.411 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.412 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.413 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.444h - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.444g - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
A.444f - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.444e - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.444d - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.444c - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.444b - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.444a - E.S. Living / Kitchen	-	-	0.2	-	-	-	-	-	-	-	N/A
A.443 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.442 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.441 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.440 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.439 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.438 - Accessible Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
A.437 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.436g - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.436f - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.436e - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.436d - S.C. Living / Kitchen	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.414 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.415 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.416 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.417 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.418 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A
A.419 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A
A.420 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.436c - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.421 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A
A.422 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A
A.423 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
A.424 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
A.425 - 1Bed Studio	-	0.7	-	-	-	-	-	-	-	-	N/A
A.426 - 1Bed Studio	-	0.7	-	-	-	-	-	-	-	-	N/A
A.427 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
A.428 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
A.429 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
A.430 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
A.431 - 1Bed Studio	-	0.7	-	-	-	-	-	-	-	-	N/A
A.432 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A
A.433 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A
A.434 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A
A.435 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.436a - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.436b - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.546 - Accessible Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
A.545 - 1Bed Studio	-	-	0.2	-	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
A.547 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.544j - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.544h - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.544g - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.544f - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.544e - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.544d - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.544c - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.544b - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.544a - E.S. Living / Kitchen	-	-	0.2	-	-	-	-	-	-	-	N/A
A.543 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.551 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.550 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.549 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.548 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.552 - Accessible Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
A.542 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.541 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.540 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.539 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.538 - Accessible Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
A.537 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.536g - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.536f - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.536e - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.536d - S.C. Living / Kitchen	-	-	0.2	-	-	-	-	-	-	-	N/A
A.554d - S.C. Living / Kitchen	-	-	0.2	-	-	-	-	-	-	-	N/A
A.554c - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.554b - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.554a - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.553 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.564 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.565 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.566 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.567 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
A.568 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.569 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.501 - Accessible Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.502 - 1Bed Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.503 - Studio 02	-	-	0.2	-	-	-	-	-	-	-	N/A
A.504 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.505 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.506 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.536c - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.554e - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.507 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.508 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.509 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.510 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.511 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.512 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.513 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.563 - Accessible Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
A.555 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.556 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.557 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.558 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.559 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.560 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.561 - Studio 02	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.562 - 1Bed Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.514 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.515 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.516 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.517 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.518 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A
A.519 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A
A.520 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.521 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A
A.522 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A
A.523 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
A.524 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
A.525 - 1Bed Studio	-	0.7	-	-	-	-	-	-	-	-	N/A
A.526 - 1Bed Studio	-	0.7	-	-	-	-	-	-	-	-	N/A
A.527 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
A.528 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
A.529 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
A.530 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
A.531 - 1Bed Studio	-	0.7	-	-	-	-	-	-	-	-	N/A
A.532 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A
A.533 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A
A.534 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A
A.535 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.536a - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.536b - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.554f - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.554g - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.663 - Accessible Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.664 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.662 - 1Bed Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.665 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.666 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.667 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.668 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.646 - Accessible Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.651 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.652 - Accessible Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
A.650 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.649 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.648 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.647 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.653 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.655 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.656 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.657 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.658 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.659 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.660 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.661 - Studio 02	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.601 - Accessible Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.602 - 1Bed Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.603 - Studio 02	-	-	0.2	-	-	-	-	-	-	-	N/A
A.604 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.605 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.606 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.645 - 1Bed Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
A.654d - S.C. Living / Kitchen	-	-	0.2	-	-	-	-	-	-	-	N/A
A.654e - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.654c - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.654b - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.654a - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.654f - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.654g - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.644j - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.607 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.608 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.609 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.610 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.611 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.612 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.613 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.644h - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.644g - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.644f - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.644e - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.644d - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.644c - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.644b - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.644a - E.S. Living / Kitchen	-	-	0.2	-	-	-	-	-	-	-	N/A
A.643 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.642 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.641 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.640 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.639 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.638 - Accessible Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
A.637 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.636g - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.636f - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.636e - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.636d - S.C. Living / Kitchen	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.614 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.615 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.616 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.617 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.618 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A
A.619 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A
A.620 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.636c - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
A.621 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A
A.622 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A
A.623 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
A.624 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
A.625 - 1Bed Studio	-	0.7	-	-	-	-	-	-	-	-	N/A
A.626 - 1Bed Studio	-	0.7	-	-	-	-	-	-	-	-	N/A
A.627 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
A.628 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
A.629 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
A.630 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
A.631 - 1Bed Studio	-	0.7	-	-	-	-	-	-	-	-	N/A
A.632 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A
A.633 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A
A.634 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A
A.635 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.636a - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
A.636b - Social Cluster	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.757 - Accessible Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.758 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.756 - 1Bed Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.759 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.760 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.761 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.762 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.763 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.743 - Accessible Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.748 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.749 - Accessible Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
A.747 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.746 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.745 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.744 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.750 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.751 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.752 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.753 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.754 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.755 - Studio 02	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.701 - Accessible Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
A.702 - 1Bed Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.703 - Studio 02	-	-	0.2	-	-	-	-	-	-	-	N/A
A.704 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.705 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.706 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.742 - 1Bed Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
A.707 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.741j - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.708 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.709 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.710 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.711 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.712 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.713 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.741h - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.714 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.741g - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.741f - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.741e - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.741d - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.741c - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.741b - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
A.741a - E.S. Living / Kitchen	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.715 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.716 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.717 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.718 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A
A.719 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A
A.720 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.740 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.721 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.722 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A
A.723 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
A.724 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
A.725 - 1Bed Studio	-	0.7	-	-	-	-	-	-	-	-	N/A
A.726 - 1Bed Studio	-	0.7	-	-	-	-	-	-	-	-	N/A
A.727 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
A.728 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
A.735 - Accessible Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
A.736 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.737 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.738 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.739 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
A.729 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
A.730 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
A.731 - 1Bed Studio	-	0.7	-	-	-	-	-	-	-	-	N/A
A.732 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A
A.733 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A
A.734 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.830 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.829 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.831a - E.S. Living / Kitchen	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.828 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.827 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.826 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.825 - 1Bed Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
A.822 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
A.821 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
A.820 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A
A.819 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A
A.818 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
A.817 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
A.816 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
A.815 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
A.814 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
A.831b - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.824 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
A.823 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
A.813 - Studio 01	-	0.7	-	-	-	-	-	-	-	-	N/A
A.812 - Studio 02	-	0.7	-	-	-	-	-	-	-	-	N/A
A.811 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.810 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.809 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	0.7	-	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.831c - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.831j - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.831h - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.831g - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.831f - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.831e - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
A.831d - Ensuite	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.808 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.807 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.806 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.805 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.804 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
A.832 - 1Bed Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.803 - Studio 01	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Studio 02	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.801 - 1Bed Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.833 - 1Bed Studio	-	-	0.2	-	-	-	-	-	-	-	N/A
Bathroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.001 - Duplex Studio - Bedroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.002 - Duplex Studio - Bedroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.003 - Duplex Studio - Bedroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.004 - Duplex Studio - Bedroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.011 - Duplex Studio - Bedroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.010 - Duplex Studio - Bedroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.009 - Duplex Studio - Bedroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.008 - Duplex Studio - Bedroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.007 - Duplex Studio - Bedroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.006 - Duplex Studio - Bedroom	-	-	0.2	-	-	-	-	-	-	-	N/A
A.005 - Duplex Studio - Bedroom	-	-	0.2	-	-	-	-	-	-	-	N/A

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
A.001 - Duplex Studio	120	-	-
A.002 - Duplex Studio	120	-	-
Bathroom	120	-	-
A.017 - PBSA Refuse	195	-	-
Circulation	126	-	-
A.004 - Duplex Studio	120	-	-
A.003 - Duplex Studio	120	-	-
Circulation	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.018 - PBSA Cycles	169	-	-
Staff Office	260	-	-
Lobby	120	-	-
Reception	120	120	1.125
Lift Lobby	120	-	-
Change	125	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	**Efficacy [lm/W]**	**Efficacy [lm/W]**	**Power density [W/m²]**
Standard value	95	80	0.3
A.019 - PBSA Generator Room	235	-	-
A.021 - PBSA Plant	120	-	-
Circulation	120	-	-
Lift Lobby	141	-	-
Wc - Acc.	120	-	-
Private Dining	120	-	-
Laundry	120	-	-
Faith - Multi	178	-	-
St. - A.024	120	-	-
Plant	422	-	-
Lobby - Entrance	120	-	-
Lounge	120	-	-
Wc	120	-	-
St. - Parcel	120	-	-
A.020 - PBSA Life Safety	204	-	-
Circulation	120	-	-
A.028 - PBSA Amenity	120	-	-
Kitchenette	120	-	-
Wc	120	-	-
Wc	120	-	-
A.027 - Store	120	-	-
Escape Staircore 3	120	-	-
Circulation	142	-	-
Bar / Games Area	120	-	-
Space - Performance	120	-	-
A.005 - Duplex Studio	120	-	-
A.006 - Duplex Studio	120	-	-
A.007 - Duplex Studio	120	-	-
A.008 - Duplex Studio	120	-	-
A.009 - Duplex Studio	120	-	-
A.010 - Duplex Studio	120	-	-
A.011 - Duplex Studio	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Quiet Study	120	-	-
Plant - A.036	120	-	-
Circulation	120	-	-
Room - Meeting	120	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	**Efficacy [lm/W]**	**Efficacy [lm/W]**	**Power density [W/m²]**
Standard value	95	80	0.3
Yoga Studio	120	-	-
Podcast Studio	120	-	-
Gym	120	-	-
Bar	120	-	-
A.029 - Main Comms. Room	120	-	-
Editing Studio	120	-	-
Spa	120	-	-
WC - Gym	120	-	-
Sauna	120	-	-
Wash	120	-	-
Room - Change	120	-	-
Wc - Acc.	120	-	-
Cleaners Store	120	-	-
A.163 - Accessible Studio	120	-	-
Circulation	120	-	-
Bathroom	120	-	-
A.164 - Studio 01	120	-	-
Circulation	120	-	-
A.162 - 1Bed Studio	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.165 - Studio 01	120	-	-
Bathroom	120	-	-
A.166 - Studio 01	120	-	-
Bathroom	120	-	-
A.167 - Studio 01	120	-	-
Bathroom	120	-	-
A.168 - Studio 01	120	-	-
A.169 - Studio 01	120	-	-
Bathroom	120	-	-
Cleaners Store	120	-	-
Circulation	120	-	-
A.146 - Accessible Studio	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.151 - Studio 01	120	-	-
A.152 - Accessible Studio	120	-	-
A.150 - Studio 01	120	-	-
A.149 - Studio 01	120	-	-
A.148 - Studio 01	120	-	-
A.147 - Studio 01	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	**Efficacy [lm/W]**	**Efficacy [lm/W]**	**Power density [W/m²]**
Standard value	95	80	0.3
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Firefighting Staircore 2	120	-	-
Escape Staircore 3	120	-	-
Circulation	120	-	-
A.153 - 1Bed Studio	120	-	-
Circulation	120	-	-
A.155 - Studio 01	120	-	-
A.156 - Studio 01	120	-	-
A.157 - Studio 01	120	-	-
A.158 - Studio 01	120	-	-
A.159 - Studio 01	120	-	-
A.160 - Studio 01	120	-	-
A.161 - Studio 02	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.101 - Accessible Studio	120	-	-
Circulation	120	-	-
Bathroom	120	-	-
A.102 - 1Bed Studio	120	-	-
Bathroom	120	-	-
A.103 - Studio 02	120	-	-
A.104 - Studio 01	120	-	-
A.105 - Studio 01	120	-	-
A.106 - Studio 01	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Circulation	120	-	-
A.154c - S.C. Living / Kitchen	120	-	-
A.154d - Social Cluster	120	-	-
A.154b - Social Cluster	120	-	-
A.154a - Social Cluster	120	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	**Efficacy [lm/W]**	**Efficacy [lm/W]**	**Power density [W/m²]**
Standard value	95	80	0.3
A.154e - Social Cluster	120	-	-
A.154f - Social Cluster	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.145 - Studio 01	120	-	-
A.144j - Ensuite	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Circulation	120	-	-
Circulation	120	-	-
A.107 - Studio 01	120	-	-
A.108 - Studio 01	120	-	-
A.109 - Studio 01	120	-	-
A.110 - Studio 01	120	-	-
A.111 - Studio 01	120	-	-
A.112 - Studio 01	120	-	-
A.113 - Studio 01	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.144h - Ensuite	120	-	-
A.144g - Ensuite	120	-	-
A.144f - Ensuite	120	-	-
A.144e - Ensuite	120	-	-
A.144d - Ensuite	120	-	-
A.144c - Ensuite	120	-	-
A.144b - Ensuite	120	-	-
A.144a - E.S. Living / Kitchen	120	-	-
A.143 - Studio 01	120	-	-
A.142 - Studio 01	120	-	-
A.141 - Studio 01	120	-	-
A.140 - Studio 01	120	-	-
A.139 - Studio 01	120	-	-
A.138 - Studio 01	120	-	-
Circulation	120	-	-
A.137 - Studio 01	120	-	-
A.136g - Social Cluster	120	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	**Efficacy [lm/W]**	**Efficacy [lm/W]**	**Power density [W/m²]**
Standard value	95	80	0.3
A.136f - Social Cluster	120	-	-
A.136e - Social Cluster	120	-	-
A.136d - S.C. Living / Kitchen	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Circulation	120	-	-
A.114 - Studio 01	120	-	-
A.115 - Studio 01	120	-	-
A.116 - Studio 01	120	-	-
A.117 - Studio 01	120	-	-
A.118 - Studio 02	120	-	-
A.119 - Studio 02	120	-	-
A.120 - Studio 01	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Firefighting Staircore 1	120	-	-
Circulation	120	-	-
Circulation	120	-	-
Bathroom	120	-	-
Circulation	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.136c - Social Cluster	120	-	-
A.121 - Studio 02	120	-	-
A.122 - Studio 02	120	-	-
A.123 - Studio 01	120	-	-
A.124 - Studio 01	120	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	**Efficacy [lm/W]**	**Efficacy [lm/W]**	**Power density [W/m²]**
Standard value	95	80	0.3
A.125 - 1Bed Studio	120	-	-
A.126 - 1Bed Studio	120	-	-
A.127 - Studio 01	120	-	-
A.128 - Studio 01	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.129 - Studio 01	120	-	-
A.130 - Studio 01	120	-	-
Bathroom	120	-	-
A.131 - 1Bed Studio	120	-	-
A.132 - Studio 02	120	-	-
A.133 - Studio 02	120	-	-
A.134 - Studio 02	120	-	-
A.135 - Studio 01	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.136a - Social Cluster	120	-	-
A.136b - Social Cluster	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Cleaners Store	120	-	-
A.263 - Accessible Studio	120	-	-
Circulation	120	-	-
Bathroom	120	-	-
A.264 - Studio 01	120	-	-
Circulation	120	-	-
A.262 - 1Bed Studio	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.265 - Studio 01	120	-	-
Bathroom	120	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	**Efficacy [lm/W]**	**Efficacy [lm/W]**	**Power density [W/m²]**
Standard value	95	80	0.3
A.266 - Studio 01	120	-	-
Bathroom	120	-	-
A.267 - Studio 01	120	-	-
Bathroom	120	-	-
A.268 - Studio 01	120	-	-
A.269 - Studio 01	120	-	-
Bathroom	120	-	-
Cleaners Store	120	-	-
Circulation	120	-	-
A.246 - Accessible Studio	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.251 - Studio 01	120	-	-
A.252 - Accessible Studio	120	-	-
A.250 - Studio 01	120	-	-
A.249 - Studio 01	120	-	-
A.248 - Studio 01	120	-	-
A.247 - Studio 01	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Firefighting Staircore 2	120	-	-
Escape Staircore 3	120	-	-
Circulation	120	-	-
A.253 - Studio 01	120	-	-
A.255 - Studio 01	120	-	-
A.256 - Studio 01	120	-	-
A.257 - Studio 01	120	-	-
A.258 - Studio 01	120	-	-
A.259 - Studio 01	120	-	-
A.260 - Studio 01	120	-	-
A.261 - Studio 02	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	**Efficacy [lm/W]**	**Efficacy [lm/W]**	**Power density [W/m²]**
Standard value	95	80	0.3
Bathroom	120	-	-
Bathroom	120	-	-
A.201 - Accessible Studio	120	-	-
Circulation	120	-	-
Bathroom	120	-	-
A.202 - 1Bed Studio	120	-	-
Bathroom	120	-	-
A.203 - Studio 02	120	-	-
A.204 - Studio 01	120	-	-
A.205 - Studio 01	120	-	-
A.206 - Studio 01	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.245 - 1Bed Studio	120	-	-
A.254d - S.C. Living / Kitchen	120	-	-
A.254e - Social Cluster	120	-	-
A.254c - Social Cluster	120	-	-
A.254b - Social Cluster	120	-	-
A.254a - Social Cluster	120	-	-
A.254f - Social Cluster	120	-	-
A.254g - Social Cluster	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.244j - Ensuite	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Circulation	120	-	-
Circulation	120	-	-
A.207 - Studio 01	120	-	-
A.208 - Studio 01	120	-	-
A.209 - Studio 01	120	-	-
A.210 - Studio 01	120	-	-
A.211 - Studio 01	120	-	-
A.212 - Studio 01	120	-	-
A.213 - Studio 01	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	**Efficacy [lm/W]**	**Efficacy [lm/W]**	**Power density [W/m²]**
Standard value	95	80	0.3
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.244h - Ensuite	120	-	-
A.244g - Ensuite	120	-	-
A.244f - Ensuite	120	-	-
A.244e - Ensuite	120	-	-
A.244d - Ensuite	120	-	-
A.244c - Ensuite	120	-	-
A.244b - Ensuite	120	-	-
A.244a - E.S. Living / Kitchen	120	-	-
A.243 - Studio 01	120	-	-
A.242 - Studio 01	120	-	-
A.241 - Studio 01	120	-	-
A.240 - Studio 01	120	-	-
A.239 - Studio 01	120	-	-
A.238 - Accessible Studio	120	-	-
A.237 - Studio 01	120	-	-
A.236g - Social Cluster	120	-	-
A.236f - Social Cluster	120	-	-
A.236e - Social Cluster	120	-	-
A.236d - S.C. Living / Kitchen	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Circulation	120	-	-
A.214 - Studio 01	120	-	-
A.215 - Studio 01	120	-	-
A.216 - Studio 01	120	-	-
A.217 - Studio 01	120	-	-
A.218 - Studio 02	120	-	-
A.219 - Studio 02	120	-	-
A.220 - Studio 01	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	**Efficacy [lm/W]**	**Efficacy [lm/W]**	**Power density [W/m²]**
Standard value	95	80	0.3
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Firefighting Staircore 1	120	-	-
Circulation	120	-	-
Circulation	120	-	-
Bathroom	120	-	-
Circulation	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.236c - Social Cluster	120	-	-
A.221 - Studio 02	120	-	-
A.222 - Studio 02	120	-	-
A.223 - Studio 01	120	-	-
A.224 - Studio 01	120	-	-
A.225 - 1Bed Studio	120	-	-
A.226 - 1Bed Studio	120	-	-
A.227 - Studio 01	120	-	-
A.228 - Studio 01	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.229 - Studio 01	120	-	-
A.230 - Studio 01	120	-	-
Bathroom	120	-	-
A.231 - 1Bed Studio	120	-	-
A.232 - Studio 02	120	-	-
A.233 - Studio 02	120	-	-
A.234 - Studio 02	120	-	-
A.235 - Studio 01	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	**Efficacy [lm/W]**	**Efficacy [lm/W]**	**Power density [W/m²]**
Standard value	95	80	0.3
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.236a - Social Cluster	120	-	-
A.236b - Social Cluster	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Cleaners Store	120	-	-
A.363 - Accessible Studio	120	-	-
Circulation	120	-	-
Bathroom	120	-	-
A.364 - Studio 01	120	-	-
Circulation	120	-	-
A.362 - 1Bed Studio	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.365 - Studio 01	120	-	-
Bathroom	120	-	-
A.366 - Studio 01	120	-	-
Bathroom	120	-	-
A.367 - Studio 01	120	-	-
Bathroom	120	-	-
A.368 - Studio 01	120	-	-
A.369 - Studio 01	120	-	-
Bathroom	120	-	-
Cleaners Store	120	-	-
Circulation	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.351 - Studio 01	120	-	-
A.352 - Accessible Studio	120	-	-
A.350 - Studio 01	120	-	-
A.349 - Studio 01	120	-	-
A.348 - Studio 01	120	-	-
A.347 - Studio 01	120	-	-
A.346 - Accessible Studio	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Firefighting Staircore 2	120	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	**Efficacy [lm/W]**	**Efficacy [lm/W]**	**Power density [W/m²]**
Standard value	95	80	0.3
Escape Staircore 3	120	-	-
Circulation	120	-	-
A.353 - Studio 01	120	-	-
A.355 - Studio 01	120	-	-
A.356 - Studio 01	120	-	-
A.357 - Studio 01	120	-	-
A.358 - Studio 01	120	-	-
A.359 - Studio 01	120	-	-
A.360 - Studio 01	120	-	-
A.361 - Studio 02	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.301 - Accessible Studio	120	-	-
Circulation	120	-	-
Bathroom	120	-	-
A.302 - 1Bed Studio	120	-	-
Bathroom	120	-	-
A.303 - Studio 02	120	-	-
A.304 - Studio 01	120	-	-
A.305 - Studio 01	120	-	-
A.306 - Studio 01	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.345 - 1Bed Studio	120	-	-
A.354d - S.C. Living / Kitchen	120	-	-
A.354e - Social Cluster	120	-	-
A.354c - Social Cluster	120	-	-
A.354b - Social Cluster	120	-	-
A.354a - Social Cluster	120	-	-
A.354f - Social Cluster	120	-	-
A.354g - Social Cluster	120	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	**Efficacy [lm/W]**	**Efficacy [lm/W]**	**Power density [W/m²]**
Standard value	95	80	0.3
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.344j - Ensuite	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Circulation	120	-	-
Circulation	120	-	-
A.307 - Studio 01	120	-	-
A.308 - Studio 01	120	-	-
A.309 - Studio 01	120	-	-
A.310 - Studio 01	120	-	-
A.311 - Studio 01	120	-	-
A.312 - Studio 01	120	-	-
A.313 - Studio 01	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.344h - Ensuite	120	-	-
A.344g - Ensuite	120	-	-
A.344f - Ensuite	120	-	-
A.344e - Ensuite	120	-	-
A.344d - Ensuite	120	-	-
A.344c - Ensuite	120	-	-
A.344b - Ensuite	120	-	-
A.344a - E.S. Living / Kitchen	120	-	-
A.343 - Studio 01	120	-	-
A.342 - Studio 01	120	-	-
A.341 - Studio 01	120	-	-
A.340 - Studio 01	120	-	-
A.339 - Studio 01	120	-	-
A.338 - Accessible Studio	120	-	-
A.337 - Studio 01	120	-	-
A.336g - Social Cluster	120	-	-
A.336f - Social Cluster	120	-	-
A.336e - Social Cluster	120	-	-
A.336d - S.C. Living / Kitchen	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	**Efficacy [lm/W]**	**Efficacy [lm/W]**	**Power density [W/m²]**
Standard value	95	80	0.3
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Circulation	120	-	-
A.314 - Studio 01	120	-	-
A.315 - Studio 01	120	-	-
A.316 - Studio 01	120	-	-
A.317 - Studio 01	120	-	-
A.318 - Studio 02	120	-	-
A.319 - Studio 02	120	-	-
A.320 - Studio 01	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Firefighting Staircore 1	120	-	-
Circulation	120	-	-
Circulation	120	-	-
Bathroom	120	-	-
Circulation	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.336c - Social Cluster	120	-	-
A.321 - Studio 02	120	-	-
A.322 - Studio 02	120	-	-
A.323 - Studio 01	120	-	-
A.324 - Studio 01	120	-	-
A.325 - 1Bed Studio	120	-	-
A.326 - 1Bed Studio	120	-	-
A.327 - Studio 01	120	-	-
A.328 - Studio 01	120	-	-
Bathroom	120	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	**Efficacy [lm/W]**	**Efficacy [lm/W]**	**Power density [W/m²]**
Standard value	95	80	0.3
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.329 - Studio 01	120	-	-
A.330 - Studio 01	120	-	-
Bathroom	120	-	-
A.331 - 1Bed Studio	120	-	-
A.332 - Studio 02	120	-	-
A.333 - Studio 02	120	-	-
A.334 - Studio 02	120	-	-
A.335 - Studio 01	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.336a - Social Cluster	120	-	-
A.336b - Social Cluster	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Cleaners Store	120	-	-
A.463 - Accessible Studio	120	-	-
Circulation	120	-	-
Bathroom	120	-	-
A.464 - Studio 01	120	-	-
Circulation	120	-	-
A.462 - 1Bed Studio	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.465 - Studio 01	120	-	-
Bathroom	120	-	-
A.466 - Studio 01	120	-	-
Bathroom	120	-	-
A.467 - Studio 01	120	-	-
Bathroom	120	-	-
A.468 - Studio 01	120	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	**Efficacy [lm/W]**	**Efficacy [lm/W]**	**Power density [W/m²]**
Standard value	95	80	0.3
A.469 - Studio 01	120	-	-
Bathroom	120	-	-
Cleaners Store	120	-	-
Circulation	120	-	-
A.451 - Studio 01	120	-	-
A.450 - Studio 01	120	-	-
A.449 - Studio 01	120	-	-
A.448 - Studio 01	120	-	-
A.447 - Studio 01	120	-	-
A.446 - Accessible Studio	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.452 - Accessible Studio	120	-	-
Firefighting Staircore 2	120	-	-
Escape Staircore 3	120	-	-
Circulation	120	-	-
A.453 - Studio 01	120	-	-
A.455 - Studio 01	120	-	-
A.456 - Studio 01	120	-	-
A.457 - Studio 01	120	-	-
A.458 - Studio 01	120	-	-
A.459 - Studio 01	120	-	-
A.460 - Studio 01	120	-	-
A.461 - Studio 02	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.401 - Accessible Studio	120	-	-
Circulation	120	-	-
Bathroom	120	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	**Efficacy [lm/W]**	**Efficacy [lm/W]**	**Power density [W/m²]**
Standard value	95	80	0.3
A.402 - 1Bed Studio	120	-	-
Bathroom	120	-	-
A.403 - Studio 02	120	-	-
A.404 - Studio 01	120	-	-
A.405 - Studio 01	120	-	-
A.406 - Studio 01	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.445 - 1Bed Studio	120	-	-
A.454d - S.C. Living / Kitchen	120	-	-
A.454e - Social Cluster	120	-	-
A.454c - Social Cluster	120	-	-
A.454b - Social Cluster	120	-	-
A.454a - Social Cluster	120	-	-
A.454f - Social Cluster	120	-	-
A.454g - Social Cluster	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.444j - Ensuite	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Circulation	120	-	-
Circulation	120	-	-
A.407 - Studio 01	120	-	-
A.408 - Studio 01	120	-	-
A.409 - Studio 01	120	-	-
A.410 - Studio 01	120	-	-
A.411 - Studio 01	120	-	-
A.412 - Studio 01	120	-	-
A.413 - Studio 01	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.444h - Ensuite	120	-	-
A.444g - Ensuite	120	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	**Efficacy [lm/W]**	**Efficacy [lm/W]**	**Power density [W/m²]**
Standard value	95	80	0.3
A.444f - Ensuite	120	-	-
A.444e - Ensuite	120	-	-
A.444d - Ensuite	120	-	-
A.444c - Ensuite	120	-	-
A.444b - Ensuite	120	-	-
A.444a - E.S. Living / Kitchen	120	-	-
A.443 - Studio 01	120	-	-
A.442 - Studio 01	120	-	-
A.441 - Studio 01	120	-	-
A.440 - Studio 01	120	-	-
A.439 - Studio 01	120	-	-
A.438 - Accessible Studio	120	-	-
A.437 - Studio 01	120	-	-
A.436g - Social Cluster	120	-	-
A.436f - Social Cluster	120	-	-
A.436e - Social Cluster	120	-	-
A.436d - S.C. Living / Kitchen	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Circulation	120	-	-
A.414 - Studio 01	120	-	-
A.415 - Studio 01	120	-	-
A.416 - Studio 01	120	-	-
A.417 - Studio 01	120	-	-
A.418 - Studio 02	120	-	-
A.419 - Studio 02	120	-	-
A.420 - Studio 01	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	**Efficacy [lm/W]**	**Efficacy [lm/W]**	**Power density [W/m²]**
Standard value	95	80	0.3
Bathroom	120	-	-
Firefighting Staircore 1	120	-	-
Circulation	120	-	-
Circulation	120	-	-
Bathroom	120	-	-
Circulation	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.436c - Social Cluster	120	-	-
A.421 - Studio 02	120	-	-
A.422 - Studio 02	120	-	-
A.423 - Studio 01	120	-	-
A.424 - Studio 01	120	-	-
A.425 - 1Bed Studio	120	-	-
A.426 - 1Bed Studio	120	-	-
A.427 - Studio 01	120	-	-
A.428 - Studio 01	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.429 - Studio 01	120	-	-
A.430 - Studio 01	120	-	-
Bathroom	120	-	-
A.431 - 1Bed Studio	120	-	-
A.432 - Studio 02	120	-	-
A.433 - Studio 02	120	-	-
A.434 - Studio 02	120	-	-
A.435 - Studio 01	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.436a - Social Cluster	120	-	-
A.436b - Social Cluster	120	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	**Efficacy [lm/W]**	**Efficacy [lm/W]**	**Power density [W/m²]**
Standard value	95	80	0.3
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.546 - Accessible Studio	120	-	-
A.545 - 1Bed Studio	120	-	-
Circulation	120	-	-
Circulation	120	-	-
A.547 - Studio 01	120	-	-
Bathroom	120	-	-
Firefighting Staircore 2	120	-	-
A.544j - Ensuite	120	-	-
A.544h - Ensuite	120	-	-
A.544g - Ensuite	120	-	-
A.544f - Ensuite	120	-	-
A.544e - Ensuite	120	-	-
A.544d - Ensuite	120	-	-
A.544c - Ensuite	120	-	-
A.544b - Ensuite	120	-	-
A.544a - E.S. Living / Kitchen	120	-	-
A.543 - Studio 01	120	-	-
A.551 - Studio 01	120	-	-
A.550 - Studio 01	120	-	-
A.549 - Studio 01	120	-	-
A.548 - Studio 01	120	-	-
A.552 - Accessible Studio	120	-	-
A.542 - Studio 01	120	-	-
A.541 - Studio 01	120	-	-
A.540 - Studio 01	120	-	-
A.539 - Studio 01	120	-	-
A.538 - Accessible Studio	120	-	-
A.537 - Studio 01	120	-	-
A.536g - Social Cluster	120	-	-
A.536f - Social Cluster	120	-	-
A.536e - Social Cluster	120	-	-
A.536d - S.C. Living / Kitchen	120	-	-
A.554d - S.C. Living / Kitchen	120	-	-
A.554c - Social Cluster	120	-	-
A.554b - Social Cluster	120	-	-
A.554a - Social Cluster	120	-	-
A.553 - Studio 01	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Circulation	120	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	**Efficacy [lm/W]**	**Efficacy [lm/W]**	**Power density [W/m²]**
Standard value	95	80	0.3
Cleaners Store	120	-	-
Circulation	120	-	-
Bathroom	120	-	-
A.564 - Studio 01	120	-	-
Bathroom	120	-	-
A.565 - Studio 01	120	-	-
Bathroom	120	-	-
A.566 - Studio 01	120	-	-
Bathroom	120	-	-
A.567 - Studio 01	120	-	-
Bathroom	120	-	-
A.568 - Studio 01	120	-	-
A.569 - Studio 01	120	-	-
Bathroom	120	-	-
Cleaners Store	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Escape Staircore 3	120	-	-
A.501 - Accessible Studio	120	-	-
Bathroom	120	-	-
A.502 - 1Bed Studio	120	-	-
Bathroom	120	-	-
A.503 - Studio 02	120	-	-
A.504 - Studio 01	120	-	-
A.505 - Studio 01	120	-	-
A.506 - Studio 01	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Circulation	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	**Efficacy [lm/W]**	**Efficacy [lm/W]**	**Power density [W/m²]**
Standard value	95	80	0.3
Circulation	120	-	-
Circulation	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Firefighting Staircore 1	120	-	-
Circulation	120	-	-
Circulation	120	-	-
Bathroom	120	-	-
Circulation	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.536c - Social Cluster	120	-	-
A.554e - Social Cluster	120	-	-
Circulation	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.507 - Studio 01	120	-	-
A.508 - Studio 01	120	-	-
A.509 - Studio 01	120	-	-
A.510 - Studio 01	120	-	-
A.511 - Studio 01	120	-	-
A.512 - Studio 01	120	-	-
A.513 - Studio 01	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.563 - Accessible Studio	120	-	-
A.555 - Studio 01	120	-	-
A.556 - Studio 01	120	-	-
A.557 - Studio 01	120	-	-
A.558 - Studio 01	120	-	-
A.559 - Studio 01	120	-	-
A.560 - Studio 01	120	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	**Efficacy [lm/W]**	**Efficacy [lm/W]**	**Power density [W/m²]**
Standard value	95	80	0.3
A.561 - Studio 02	120	-	-
Bathroom	120	-	-
A.562 - 1Bed Studio	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.514 - Studio 01	120	-	-
A.515 - Studio 01	120	-	-
A.516 - Studio 01	120	-	-
A.517 - Studio 01	120	-	-
A.518 - Studio 02	120	-	-
A.519 - Studio 02	120	-	-
A.520 - Studio 01	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.521 - Studio 02	120	-	-
A.522 - Studio 02	120	-	-
A.523 - Studio 01	120	-	-
A.524 - Studio 01	120	-	-
A.525 - 1Bed Studio	120	-	-
A.526 - 1Bed Studio	120	-	-
A.527 - Studio 01	120	-	-
A.528 - Studio 01	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	**Efficacy [lm/W]**	**Efficacy [lm/W]**	**Power density [W/m²]**
Standard value	95	80	0.3
A.529 - Studio 01	120	-	-
A.530 - Studio 01	120	-	-
Bathroom	120	-	-
A.531 - 1Bed Studio	120	-	-
A.532 - Studio 02	120	-	-
A.533 - Studio 02	120	-	-
A.534 - Studio 02	120	-	-
A.535 - Studio 01	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.536a - Social Cluster	120	-	-
A.536b - Social Cluster	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.554f - Social Cluster	120	-	-
Bathroom	120	-	-
A.554g - Social Cluster	120	-	-
Bathroom	120	-	-
Cleaners Store	120	-	-
A.663 - Accessible Studio	120	-	-
Circulation	120	-	-
Bathroom	120	-	-
A.664 - Studio 01	120	-	-
Circulation	120	-	-
A.662 - 1Bed Studio	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.665 - Studio 01	120	-	-
Bathroom	120	-	-
A.666 - Studio 01	120	-	-
Bathroom	120	-	-
A.667 - Studio 01	120	-	-
Bathroom	120	-	-
A.668 - Studio 01	120	-	-
Studio 01	120	-	-
Bathroom	120	-	-
Cleaners Store	120	-	-
Circulation	120	-	-
A.646 - Accessible Studio	120	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	**Efficacy [lm/W]**	**Efficacy [lm/W]**	**Power density [W/m²]**
Standard value	95	80	0.3
Bathroom	120	-	-
Bathroom	120	-	-
A.651 - Studio 01	120	-	-
A.652 - Accessible Studio	120	-	-
A.650 - Studio 01	120	-	-
A.649 - Studio 01	120	-	-
A.648 - Studio 01	120	-	-
A.647 - Studio 01	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Firefighting Staircore 2	120	-	-
Escape Staircore 3	120	-	-
Circulation	120	-	-
A.653 - Studio 01	120	-	-
A.655 - Studio 01	120	-	-
A.656 - Studio 01	120	-	-
A.657 - Studio 01	120	-	-
A.658 - Studio 01	120	-	-
A.659 - Studio 01	120	-	-
A.660 - Studio 01	120	-	-
A.661 - Studio 02	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.601 - Accessible Studio	120	-	-
Circulation	120	-	-
Bathroom	120	-	-
A.602 - 1Bed Studio	120	-	-
Bathroom	120	-	-
A.603 - Studio 02	120	-	-
A.604 - Studio 01	120	-	-
A.605 - Studio 01	120	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	**Efficacy [lm/W]**	**Efficacy [lm/W]**	**Power density [W/m²]**
Standard value	95	80	0.3
A.606 - Studio 01	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.645 - 1Bed Studio	120	-	-
A.654d - S.C. Living / Kitchen	120	-	-
A.654e - Social Cluster	120	-	-
A.654c - Social Cluster	120	-	-
A.654b - Social Cluster	120	-	-
A.654a - Social Cluster	120	-	-
A.654f - Social Cluster	120	-	-
A.654g - Social Cluster	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.644j - Ensuite	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Circulation	120	-	-
Circulation	120	-	-
A.607 - Studio 01	120	-	-
A.608 - Studio 01	120	-	-
A.609 - Studio 01	120	-	-
A.610 - Studio 01	120	-	-
A.611 - Studio 01	120	-	-
A.612 - Studio 01	120	-	-
A.613 - Studio 01	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.644h - Ensuite	120	-	-
A.644g - Ensuite	120	-	-
A.644f - Ensuite	120	-	-
A.644e - Ensuite	120	-	-
A.644d - Ensuite	120	-	-
A.644c - Ensuite	120	-	-
A.644b - Ensuite	120	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	**Efficacy [lm/W]**	**Efficacy [lm/W]**	**Power density [W/m²]**
Standard value	95	80	0.3
A.644a - E.S. Living / Kitchen	120	-	-
A.643 - Studio 01	120	-	-
A.642 - Studio 01	120	-	-
A.641 - Studio 01	120	-	-
A.640 - Studio 01	120	-	-
A.639 - Studio 01	120	-	-
A.638 - Accessible Studio	120	-	-
A.637 - Studio 01	120	-	-
A.636g - Social Cluster	120	-	-
A.636f - Social Cluster	120	-	-
A.636e - Social Cluster	120	-	-
A.636d - S.C. Living / Kitchen	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Circulation	120	-	-
A.614 - Studio 01	120	-	-
A.615 - Studio 01	120	-	-
A.616 - Studio 01	120	-	-
A.617 - Studio 01	120	-	-
A.618 - Studio 02	120	-	-
A.619 - Studio 02	120	-	-
A.620 - Studio 01	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Firefighting Staircore 1	120	-	-
Circulation	120	-	-
Circulation	120	-	-
Bathroom	120	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	**Efficacy [lm/W]**	**Efficacy [lm/W]**	**Power density [W/m²]**
Standard value	95	80	0.3
Circulation	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.636c - Social Cluster	120	-	-
A.621 - Studio 02	120	-	-
A.622 - Studio 02	120	-	-
A.623 - Studio 01	120	-	-
A.624 - Studio 01	120	-	-
A.625 - 1Bed Studio	120	-	-
A.626 - 1Bed Studio	120	-	-
A.627 - Studio 01	120	-	-
A.628 - Studio 01	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.629 - Studio 01	120	-	-
A.630 - Studio 01	120	-	-
Bathroom	120	-	-
A.631 - 1Bed Studio	120	-	-
A.632 - Studio 02	120	-	-
A.633 - Studio 02	120	-	-
A.634 - Studio 02	120	-	-
A.635 - Studio 01	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.636a - Social Cluster	120	-	-
A.636b - Social Cluster	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Cleaners Store	120	-	-
A.757 - Accessible Studio	120	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	**Efficacy [lm/W]**	**Efficacy [lm/W]**	**Power density [W/m²]**
Standard value	95	80	0.3
Circulation	120	-	-
Bathroom	120	-	-
A.758 - Studio 01	120	-	-
Circulation	120	-	-
A.756 - 1Bed Studio	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.759 - Studio 01	120	-	-
Bathroom	120	-	-
A.760 - Studio 01	120	-	-
Bathroom	120	-	-
A.761 - Studio 01	120	-	-
Bathroom	120	-	-
A.762 - Studio 01	120	-	-
A.763 - Studio 01	120	-	-
Bathroom	120	-	-
Cleaners Store	120	-	-
Circulation	120	-	-
A.743 - Accessible Studio	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.748 - Studio 01	120	-	-
A.749 - Accessible Studio	120	-	-
A.747 - Studio 01	120	-	-
A.746 - Studio 01	120	-	-
A.745 - Studio 01	120	-	-
A.744 - Studio 01	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Firefighting Staircore 2	120	-	-
Escape Staircore 3	120	-	-
Bathroom	120	-	-
A.750 - Studio 01	120	-	-
A.751 - Studio 01	120	-	-
A.752 - Studio 01	120	-	-
A.753 - Studio 01	120	-	-
A.754 - Studio 01	120	-	-
A.755 - Studio 02	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	**Efficacy [lm/W]**	**Efficacy [lm/W]**	**Power density [W/m²]**
Standard value	95	80	0.3
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.701 - Accessible Studio	120	-	-
A.702 - 1Bed Studio	120	-	-
Bathroom	120	-	-
A.703 - Studio 02	120	-	-
A.704 - Studio 01	120	-	-
A.705 - Studio 01	120	-	-
A.706 - Studio 01	120	-	-
Circulation	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.742 - 1Bed Studio	120	-	-
A.707 - Studio 01	120	-	-
A.741j - Ensuite	120	-	-
A.708 - Studio 01	120	-	-
A.709 - Studio 01	120	-	-
A.710 - Studio 01	120	-	-
A.711 - Studio 01	120	-	-
A.712 - Studio 01	120	-	-
A.713 - Studio 01	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Circulation	120	-	-
Circulation	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.741h - Ensuite	120	-	-
Bathroom	120	-	-
A.714 - Studio 01	120	-	-
Bathroom	120	-	-
A.741g - Ensuite	120	-	-
A.741f - Ensuite	120	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	**Efficacy [lm/W]**	**Efficacy [lm/W]**	**Power density [W/m²]**
Standard value	95	80	0.3
A.741e - Ensuite	120	-	-
A.741d - Ensuite	120	-	-
A.741c - Ensuite	120	-	-
A.741b - Ensuite	120	-	-
A.741a - E.S. Living / Kitchen	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.715 - Studio 01	120	-	-
A.716 - Studio 01	120	-	-
A.717 - Studio 01	120	-	-
A.718 - Studio 02	120	-	-
A.719 - Studio 02	120	-	-
A.720 - Studio 01	120	-	-
Circulation	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.740 - Studio 01	120	-	-
A.721 - Studio 02	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.722 - Studio 02	120	-	-
A.723 - Studio 01	120	-	-
A.724 - Studio 01	120	-	-
A.725 - 1Bed Studio	120	-	-
A.726 - 1Bed Studio	120	-	-
A.727 - Studio 01	120	-	-
A.728 - Studio 01	120	-	-
Circulation	120	-	-
A.735 - Accessible Studio	120	-	-
A.736 - Studio 01	120	-	-
A.737 - Studio 01	120	-	-
A.738 - Studio 01	120	-	-
A.739 - Studio 01	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	**Efficacy [lm/W]**	**Efficacy [lm/W]**	**Power density [W/m²]**
Standard value	95	80	0.3
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.729 - Studio 01	120	-	-
A.730 - Studio 01	120	-	-
A.731 - 1Bed Studio	120	-	-
A.732 - Studio 02	120	-	-
A.733 - Studio 02	120	-	-
A.734 - Studio 02	120	-	-
Bathroom	120	-	-
Firefighting Staircore 1	120	-	-
Circulation	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.830 - Studio 01	120	-	-
A.829 - Studio 01	120	-	-
Circulation	120	-	-
A.831a - E.S. Living / Kitchen	120	-	-
Bathroom	120	-	-
A.828 - Studio 01	120	-	-
Bathroom	120	-	-
A.827 - Studio 01	120	-	-
A.826 - Studio 01	120	-	-
A.825 - 1Bed Studio	120	-	-
Circulation	120	-	-
A.822 - Studio 01	120	-	-
A.821 - Studio 01	120	-	-
A.820 - Studio 02	120	-	-
A.819 - Studio 02	120	-	-
A.818 - Studio 01	120	-	-
A.817 - Studio 01	120	-	-
A.816 - Studio 01	120	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	**Efficacy [lm/W]**	**Efficacy [lm/W]**	**Power density [W/m²]**
Standard value	95	80	0.3
A.815 - Studio 01	120	-	-
A.814 - Studio 01	120	-	-
Circulation	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.831b - Ensuite	120	-	-
Circulation	120	-	-
Circulation	120	-	-
Firefighting Staircore 1	120	-	-
A.824 - Studio 01	120	-	-
Bathroom	120	-	-
A.823 - Studio 01	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.813 - Studio 01	120	-	-
A.812 - Studio 02	120	-	-
A.811 - Studio 01	120	-	-
A.810 - Studio 01	120	-	-
A.809 - Studio 01	120	-	-
Circulation	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.831c - Ensuite	120	-	-
Bathroom	120	-	-
A.831j - Ensuite	120	-	-
A.831h - Ensuite	120	-	-
A.831g - Ensuite	120	-	-
A.831f - Ensuite	120	-	-
A.831e - Ensuite	120	-	-
A.831d - Ensuite	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	**Efficacy [lm/W]**	**Efficacy [lm/W]**	**Power density [W/m²]**
Standard value	95	80	0.3
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.808 - Studio 01	120	-	-
Bathroom	120	-	-
A.807 - Studio 01	120	-	-
A.806 - Studio 01	120	-	-
A.805 - Studio 01	120	-	-
A.804 - Studio 01	120	-	-
Circulation	120	-	-
A.832 - 1Bed Studio	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.803 - Studio 01	120	-	-
Bathroom	120	-	-
Studio 02	120	-	-
Bathroom	120	-	-
A.801 - 1Bed Studio	120	-	-
Cleaners Store	120	-	-
Bathroom	120	-	-
Bathroom	120	-	-
A.833 - 1Bed Studio	120	-	-
Firefighting Staircore 2	120	-	-
Bathroom	120	-	-
Circulation	120	-	-
Lobby	120	-	-
Lift Lobby	120	-	-
St.	120	-	-
Circulation	120	-	-
Circulation	120	-	-
A.001 - Duplex Studio - Bedroom	120	-	-
A.002 - Duplex Studio - Bedroom	120	-	-
A.003 - Duplex Studio - Bedroom	120	-	-
A.004 - Duplex Studio - Bedroom	120	-	-
A.011 - Duplex Studio - Bedroom	120	-	-
A.010 - Duplex Studio - Bedroom	120	-	-
A.009 - Duplex Studio - Bedroom	120	-	-
A.008 - Duplex Studio - Bedroom	120	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	**Efficacy [lm/W]**	**Efficacy [lm/W]**	**Power density [W/m²]**
Standard value	95	80	0.3
A.007 - Duplex Studio - Bedroom	120	-	-
A.006 - Duplex Studio - Bedroom	120	-	-
A.005 - Duplex Studio - Bedroom	120	-	-

The spaces in the building should have appropriate passive control measures to limit solar gains in summer

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Staff Office	NO (-41.7%)	NO
Lobby	NO (-98.5%)	NO
Reception	NO (-95.1%)	NO
Private Dining	N/A	N/A
Laundry	N/A	N/A
Faith - Multi	N/A	N/A
Lobby - Entrance	N/A	N/A
Lounge	NO (-25%)	NO
A.028 - PBSA Amenity	NO (-25.9%)	NO
Kitchenette	N/A	N/A
Bar / Games Area	NO (-25.8%)	NO
Space - Performance	NO (-1.8%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Quiet Study	YES (+23%)	NO
Circulation	NO (-97.1%)	NO
Room - Meeting	N/A	N/A
Yoga Studio	NO (-6%)	NO
Podcast Studio	N/A	N/A
Gym	NO (-78.4%)	NO
Bar	NO (-91%)	NO
A.029 - Main Comms. Room	N/A	N/A
Editing Studio	N/A	N/A
Spa	N/A	N/A
Sauna	N/A	N/A
A.163 - Accessible Studio	NO (-89.4%)	NO
Bathroom	N/A	N/A
A.164 - Studio 01	NO (-97.6%)	NO

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
A.162 - 1Bed Studio	NO (-94.4%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.165 - Studio 01	NO (-96.2%)	NO
Bathroom	N/A	N/A
A.166 - Studio 01	NO (-92.8%)	NO
Bathroom	N/A	N/A
A.167 - Studio 01	NO (-92.8%)	NO
Bathroom	N/A	N/A
A.168 - Studio 01	NO (-94.2%)	NO
A.169 - Studio 01	NO (-97.5%)	NO
Bathroom	N/A	N/A
A.146 - Accessible Studio	NO (-98.3%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.151 - Studio 01	NO (-97.3%)	NO
A.152 - Accessible Studio	NO (-98.3%)	NO
A.150 - Studio 01	NO (-95.9%)	NO
A.149 - Studio 01	NO (-96%)	NO
A.148 - Studio 01	NO (-96%)	NO
A.147 - Studio 01	NO (-97.3%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.153 - 1Bed Studio	NO (-97%)	NO
A.155 - Studio 01	NO (-80.4%)	NO
A.156 - Studio 01	NO (-92.4%)	NO
A.157 - Studio 01	NO (-83.5%)	NO
A.158 - Studio 01	NO (-83.7%)	NO
A.159 - Studio 01	NO (-84.5%)	NO
A.160 - Studio 01	NO (-84.6%)	NO
A.161 - Studio 02	NO (-95.3%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.101 - Accessible Studio	NO (-89.4%)	NO
Bathroom	N/A	N/A
A.102 - 1Bed Studio	NO (-94.5%)	NO
Bathroom	N/A	N/A
A.103 - Studio 02	NO (-95.4%)	NO
A.104 - Studio 01	NO (-85.1%)	NO

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
A.105 - Studio 01	NO (-84.8%)	NO
A.106 - Studio 01	NO (-85%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.154d - Social Cluster	NO (-86.5%)	NO
A.154b - Social Cluster	NO (-96.5%)	NO
A.154a - Social Cluster	NO (-95.3%)	NO
A.154e - Social Cluster	NO (-80.8%)	NO
A.154f - Social Cluster	NO (-83.1%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.145 - Studio 01	NO (-96.1%)	NO
A.144j - Ensuite	NO (-95.4%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.107 - Studio 01	NO (-86.3%)	NO
A.108 - Studio 01	NO (-81.1%)	NO
A.109 - Studio 01	NO (-81.2%)	NO
A.110 - Studio 01	NO (-87%)	NO
A.111 - Studio 01	NO (-85.4%)	NO
A.112 - Studio 01	NO (-85.5%)	NO
A.113 - Studio 01	NO (-78.8%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.144h - Ensuite	NO (-95.4%)	NO
A.144g - Ensuite	NO (-95.3%)	NO
A.144f - Ensuite	NO (-95.1%)	NO
A.144e - Ensuite	NO (-94.9%)	NO
A.144d - Ensuite	NO (-94.7%)	NO
A.144c - Ensuite	NO (-94.7%)	NO
A.144b - Ensuite	NO (-94.7%)	NO
A.143 - Studio 01	NO (-95.9%)	NO
A.142 - Studio 01	NO (-96%)	NO
A.141 - Studio 01	NO (-93.8%)	NO
A.140 - Studio 01	NO (-94%)	NO
A.139 - Studio 01	NO (-94.1%)	NO
A.138 - Studio 01	NO (-94.5%)	NO
A.137 - Studio 01	NO (-95.4%)	NO
A.136g - Social Cluster	NO (-94.9%)	NO

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
A.136f - Social Cluster	NO (-94.8%)	NO
A.136e - Social Cluster	NO (-96.4%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.114 - Studio 01	NO (-79%)	NO
A.115 - Studio 01	NO (-85.7%)	NO
A.116 - Studio 01	NO (-86%)	NO
A.117 - Studio 01	NO (-94.9%)	NO
A.118 - Studio 02	NO (-80%)	NO
A.119 - Studio 02	NO (-75%)	NO
A.120 - Studio 01	NO (-72.5%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.136c - Social Cluster	NO (-86.6%)	NO
A.121 - Studio 02	NO (-59.2%)	NO
A.122 - Studio 02	NO (-77.3%)	NO
A.123 - Studio 01	NO (-83.9%)	NO
A.124 - Studio 01	NO (-79.8%)	NO
A.125 - 1Bed Studio	NO (-75.8%)	NO
A.126 - 1Bed Studio	NO (-77.3%)	NO
A.127 - Studio 01	NO (-82.1%)	NO
A.128 - Studio 01	NO (-80.6%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.129 - Studio 01	NO (-76.1%)	NO
A.130 - Studio 01	NO (-73.2%)	NO
Bathroom	N/A	N/A
A.131 - 1Bed Studio	NO (-64.6%)	NO
A.132 - Studio 02	NO (-71.5%)	NO
A.133 - Studio 02	NO (-73.6%)	NO
A.134 - Studio 02	NO (-77.1%)	NO
A.135 - Studio 01	NO (-76.5%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.136a - Social Cluster	NO (-83.2%)	NO
A.136b - Social Cluster	NO (-81.2%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.263 - Accessible Studio	NO (-85.3%)	NO
Bathroom	N/A	N/A
A.264 - Studio 01	NO (-97.5%)	NO
A.262 - 1Bed Studio	NO (-92.7%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.265 - Studio 01	NO (-95.7%)	NO
Bathroom	N/A	N/A
A.266 - Studio 01	NO (-92.1%)	NO
Bathroom	N/A	N/A
A.267 - Studio 01	NO (-91.7%)	NO
Bathroom	N/A	N/A
A.268 - Studio 01	NO (-93.6%)	NO
A.269 - Studio 01	NO (-97.3%)	NO
Bathroom	N/A	N/A
A.246 - Accessible Studio	NO (-98.3%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.251 - Studio 01	NO (-97.3%)	NO
A.252 - Accessible Studio	NO (-98.2%)	NO
A.250 - Studio 01	NO (-95.8%)	NO
A.249 - Studio 01	NO (-95.7%)	NO
A.248 - Studio 01	NO (-95.8%)	NO
A.247 - Studio 01	NO (-97.2%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
A.253 - Studio 01	NO (-95.9%)	NO
A.255 - Studio 01	NO (-79%)	NO
A.256 - Studio 01	NO (-91.9%)	NO
A.257 - Studio 01	NO (-82.2%)	NO
A.258 - Studio 01	NO (-82.1%)	NO
A.259 - Studio 01	NO (-82.1%)	NO
A.260 - Studio 01	NO (-82.2%)	NO
A.261 - Studio 02	NO (-94.6%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.201 - Accessible Studio	NO (-83.9%)	NO
Bathroom	N/A	N/A
A.202 - 1Bed Studio	NO (-92.6%)	NO
Bathroom	N/A	N/A
A.203 - Studio 02	NO (-94.9%)	NO
A.204 - Studio 01	NO (-83.3%)	NO
A.205 - Studio 01	NO (-83%)	NO
A.206 - Studio 01	NO (-83.3%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.245 - 1Bed Studio	NO (-97.4%)	NO
A.254e - Social Cluster	NO (-85.8%)	NO
A.254c - Social Cluster	NO (-96.1%)	NO
A.254b - Social Cluster	NO (-94.7%)	NO
A.254a - Social Cluster	NO (-95%)	NO
A.254f - Social Cluster	NO (-79.9%)	NO
A.254g - Social Cluster	NO (-82.3%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.244j - Ensuite	NO (-95.2%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.207 - Studio 01	NO (-84.5%)	NO
A.208 - Studio 01	NO (-78.5%)	NO
A.209 - Studio 01	NO (-78.4%)	NO

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
A.210 - Studio 01	NO (-85.2%)	NO
A.211 - Studio 01	NO (-83.4%)	NO
A.212 - Studio 01	NO (-83.4%)	NO
A.213 - Studio 01	NO (-75.7%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.244h - Ensuite	NO (-95.1%)	NO
A.244g - Ensuite	NO (-95%)	NO
A.244f - Ensuite	NO (-94.6%)	NO
A.244e - Ensuite	NO (-94.5%)	NO
A.244d - Ensuite	NO (-94.3%)	NO
A.244c - Ensuite	NO (-94.4%)	NO
A.244b - Ensuite	NO (-94.3%)	NO
A.243 - Studio 01	NO (-95.6%)	NO
A.242 - Studio 01	NO (-95.5%)	NO
A.241 - Studio 01	NO (-93.3%)	NO
A.240 - Studio 01	NO (-93.4%)	NO
A.239 - Studio 01	NO (-93.8%)	NO
A.238 - Accessible Studio	NO (-96.2%)	NO
A.237 - Studio 01	NO (-94.9%)	NO
A.236g - Social Cluster	NO (-94.3%)	NO
A.236f - Social Cluster	NO (-94.2%)	NO
A.236e - Social Cluster	NO (-95.9%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.214 - Studio 01	NO (-75.7%)	NO
A.215 - Studio 01	NO (-83.9%)	NO
A.216 - Studio 01	NO (-84.1%)	NO
A.217 - Studio 01	NO (-94%)	NO
A.218 - Studio 02	NO (-77.2%)	NO
A.219 - Studio 02	NO (-72.4%)	NO
A.220 - Studio 01	NO (-69.5%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.236c - Social Cluster	NO (-85.8%)	NO
A.221 - Studio 02	NO (-56.6%)	NO
A.222 - Studio 02	NO (-77.3%)	NO
A.223 - Studio 01	NO (-83.9%)	NO
A.224 - Studio 01	NO (-79.8%)	NO
A.225 - 1Bed Studio	NO (-75.8%)	NO
A.226 - 1Bed Studio	NO (-77.3%)	NO
A.227 - Studio 01	NO (-82.1%)	NO
A.228 - Studio 01	NO (-80.6%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.229 - Studio 01	NO (-76%)	NO
A.230 - Studio 01	NO (-73.2%)	NO
Bathroom	N/A	N/A
A.231 - 1Bed Studio	NO (-63.6%)	NO
A.232 - Studio 02	NO (-68.6%)	NO
A.233 - Studio 02	NO (-68.8%)	NO
A.234 - Studio 02	NO (-72.2%)	NO
A.235 - Studio 01	NO (-73%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.236a - Social Cluster	NO (-82.2%)	NO
A.236b - Social Cluster	NO (-80.1%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.363 - Accessible Studio	NO (-84.9%)	NO
Bathroom	N/A	N/A
A.364 - Studio 01	NO (-97.3%)	NO
A.362 - 1Bed Studio	NO (-91.9%)	NO

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.365 - Studio 01	NO (-95.2%)	NO
Bathroom	N/A	N/A
A.366 - Studio 01	NO (-91.3%)	NO
Bathroom	N/A	N/A
A.367 - Studio 01	NO (-90.9%)	NO
Bathroom	N/A	N/A
A.368 - Studio 01	NO (-92.9%)	NO
A.369 - Studio 01	NO (-97.2%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.351 - Studio 01	NO (-97.1%)	NO
A.352 - Accessible Studio	NO (-98.2%)	NO
A.350 - Studio 01	NO (-95.5%)	NO
A.349 - Studio 01	NO (-95.5%)	NO
A.348 - Studio 01	NO (-95.5%)	NO
A.347 - Studio 01	NO (-97.1%)	NO
A.346 - Accessible Studio	NO (-98.2%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.353 - Studio 01	NO (-95.1%)	NO
A.355 - Studio 01	NO (-78.9%)	NO
A.356 - Studio 01	NO (-91.9%)	NO
A.357 - Studio 01	NO (-82.1%)	NO
A.358 - Studio 01	NO (-82%)	NO
A.359 - Studio 01	NO (-82%)	NO
A.360 - Studio 01	NO (-82.1%)	NO
A.361 - Studio 02	NO (-94.6%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.301 - Accessible Studio	NO (-82%)	NO
Bathroom	N/A	N/A
A.302 - 1Bed Studio	NO (-91.3%)	NO
Bathroom	N/A	N/A
A.303 - Studio 02	NO (-94.3%)	NO

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
A.304 - Studio 01	NO (-81.3%)	NO
A.305 - Studio 01	NO (-81.1%)	NO
A.306 - Studio 01	NO (-81.3%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.345 - 1Bed Studio	NO (-97.3%)	NO
A.354e - Social Cluster	NO (-85.7%)	NO
A.354c - Social Cluster	NO (-95.2%)	NO
A.354b - Social Cluster	NO (-93.4%)	NO
A.354a - Social Cluster	NO (-94.1%)	NO
A.354f - Social Cluster	NO (-79.9%)	NO
A.354g - Social Cluster	NO (-82.2%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.344j - Ensuite	NO (-94.8%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.307 - Studio 01	NO (-82.8%)	NO
A.308 - Studio 01	NO (-76.3%)	NO
A.309 - Studio 01	NO (-75.9%)	NO
A.310 - Studio 01	NO (-83.5%)	NO
A.311 - Studio 01	NO (-81.5%)	NO
A.312 - Studio 01	NO (-81.5%)	NO
A.313 - Studio 01	NO (-72.8%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.344h - Ensuite	NO (-94.6%)	NO
A.344g - Ensuite	NO (-93.7%)	NO
A.344f - Ensuite	NO (-93.3%)	NO
A.344e - Ensuite	NO (-93.1%)	NO
A.344d - Ensuite	NO (-93%)	NO
A.344c - Ensuite	NO (-93%)	NO
A.344b - Ensuite	NO (-93.1%)	NO
A.343 - Studio 01	NO (-95.3%)	NO
A.342 - Studio 01	NO (-95%)	NO
A.341 - Studio 01	NO (-92.7%)	NO
A.340 - Studio 01	NO (-92.7%)	NO
A.339 - Studio 01	NO (-93.4%)	NO
A.338 - Accessible Studio	NO (-95.9%)	NO
A.337 - Studio 01	NO (-94.4%)	NO

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
A.336g - Social Cluster	NO (-93.7%)	NO
A.336f - Social Cluster	NO (-93.1%)	NO
A.336e - Social Cluster	NO (-95.2%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.314 - Studio 01	NO (-72.8%)	NO
A.315 - Studio 01	NO (-81.6%)	NO
A.316 - Studio 01	NO (-81.9%)	NO
A.317 - Studio 01	NO (-93.2%)	NO
A.318 - Studio 02	NO (-73.1%)	NO
A.319 - Studio 02	NO (-65.9%)	NO
A.320 - Studio 01	NO (-64.2%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.336c - Social Cluster	NO (-85.8%)	NO
A.321 - Studio 02	NO (-54.3%)	NO
A.322 - Studio 02	NO (-77.3%)	NO
A.323 - Studio 01	NO (-83.9%)	NO
A.324 - Studio 01	NO (-79.8%)	NO
A.325 - 1Bed Studio	NO (-75.8%)	NO
A.326 - 1Bed Studio	NO (-77.3%)	NO
A.327 - Studio 01	NO (-82.1%)	NO
A.328 - Studio 01	NO (-80.6%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.329 - Studio 01	NO (-76%)	NO
A.330 - Studio 01	NO (-73.2%)	NO
Bathroom	N/A	N/A
A.331 - 1Bed Studio	NO (-63.5%)	NO
A.332 - Studio 02	NO (-68.3%)	NO
A.333 - Studio 02	NO (-68.3%)	NO
A.334 - Studio 02	NO (-71.7%)	NO
A.335 - Studio 01	NO (-72.7%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	NO (-99.9%)	NO
Bathroom	N/A	N/A
A.336a - Social Cluster	NO (-82.1%)	NO
A.336b - Social Cluster	NO (-80%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.463 - Accessible Studio	NO (-84.4%)	NO
Bathroom	N/A	N/A
A.464 - Studio 01	NO (-97.1%)	NO
A.462 - 1Bed Studio	NO (-91.4%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.465 - Studio 01	NO (-94.6%)	NO
Bathroom	N/A	N/A
A.466 - Studio 01	NO (-89.9%)	NO
Bathroom	N/A	N/A
A.467 - Studio 01	NO (-89.9%)	NO
Bathroom	N/A	N/A
A.468 - Studio 01	NO (-92.2%)	NO
A.469 - Studio 01	NO (-97%)	NO
Bathroom	N/A	N/A
A.451 - Studio 01	NO (-96.8%)	NO
A.450 - Studio 01	NO (-95.3%)	NO
A.449 - Studio 01	NO (-95.1%)	NO
A.448 - Studio 01	NO (-95.2%)	NO
A.447 - Studio 01	NO (-96.9%)	NO
A.446 - Accessible Studio	NO (-98.1%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
A.452 - Accessible Studio	NO (-98.1%)	NO
A.453 - Studio 01	NO (-94.6%)	NO
A.455 - Studio 01	NO (-78.9%)	NO
A.456 - Studio 01	NO (-91.9%)	NO
A.457 - Studio 01	NO (-82.1%)	NO
A.458 - Studio 01	NO (-82%)	NO
A.459 - Studio 01	NO (-82%)	NO
A.460 - Studio 01	NO (-82.1%)	NO
A.461 - Studio 02	NO (-94.6%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.401 - Accessible Studio	NO (-80.6%)	NO
Bathroom	N/A	N/A
A.402 - 1Bed Studio	NO (-90.5%)	NO
Bathroom	N/A	N/A
A.403 - Studio 02	NO (-93.9%)	NO
A.404 - Studio 01	NO (-79.8%)	NO
A.405 - Studio 01	NO (-79.8%)	NO
A.406 - Studio 01	NO (-80%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.445 - 1Bed Studio	NO (-97%)	NO
A.454e - Social Cluster	NO (-85.7%)	NO
A.454c - Social Cluster	NO (-94.5%)	NO
A.454b - Social Cluster	NO (-92.4%)	NO
A.454a - Social Cluster	NO (-93%)	NO
A.454f - Social Cluster	NO (-79.9%)	NO
A.454g - Social Cluster	NO (-82.2%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.444j - Ensuite	NO (-94.2%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.407 - Studio 01	NO (-81.6%)	NO
A.408 - Studio 01	NO (-74.2%)	NO

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
A.409 - Studio 01	NO (-73.8%)	NO
A.410 - Studio 01	NO (-82.3%)	NO
A.411 - Studio 01	NO (-80.1%)	NO
A.412 - Studio 01	NO (-80%)	NO
A.413 - Studio 01	NO (-70.2%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.444h - Ensuite	NO (-93.1%)	NO
A.444g - Ensuite	NO (-92.6%)	NO
A.444f - Ensuite	NO (-92.1%)	NO
A.444e - Ensuite	NO (-91.8%)	NO
A.444d - Ensuite	NO (-91.8%)	NO
A.444c - Ensuite	NO (-92%)	NO
A.444b - Ensuite	NO (-92.1%)	NO
A.443 - Studio 01	NO (-95%)	NO
A.442 - Studio 01	NO (-94.5%)	NO
A.441 - Studio 01	NO (-91.6%)	NO
A.440 - Studio 01	NO (-91.8%)	NO
A.439 - Studio 01	NO (-92.1%)	NO
A.438 - Accessible Studio	NO (-95.5%)	NO
A.437 - Studio 01	NO (-93.8%)	NO
A.436g - Social Cluster	NO (-92.9%)	NO
A.436f - Social Cluster	NO (-92.1%)	NO
A.436e - Social Cluster	NO (-94.5%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.414 - Studio 01	NO (-70.1%)	NO
A.415 - Studio 01	NO (-80%)	NO
A.416 - Studio 01	NO (-80.2%)	NO
A.417 - Studio 01	NO (-92.3%)	NO
A.418 - Studio 02	NO (-67%)	NO
A.419 - Studio 02	NO (-55.7%)	NO
A.420 - Studio 01	NO (-60.6%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.436c - Social Cluster	NO (-85.8%)	NO
A.421 - Studio 02	NO (-52.5%)	NO
A.422 - Studio 02	NO (-77.3%)	NO
A.423 - Studio 01	NO (-83.9%)	NO
A.424 - Studio 01	NO (-79.8%)	NO
A.425 - 1Bed Studio	NO (-75.8%)	NO
A.426 - 1Bed Studio	NO (-77.3%)	NO
A.427 - Studio 01	NO (-82.1%)	NO
A.428 - Studio 01	NO (-80.6%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.429 - Studio 01	NO (-76%)	NO
A.430 - Studio 01	NO (-73.2%)	NO
Bathroom	N/A	N/A
A.431 - 1Bed Studio	NO (-63.5%)	NO
A.432 - Studio 02	NO (-68.3%)	NO
A.433 - Studio 02	NO (-68.3%)	NO
A.434 - Studio 02	NO (-71.7%)	NO
A.435 - Studio 01	NO (-72.7%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.436a - Social Cluster	NO (-82.1%)	NO
A.436b - Social Cluster	NO (-80%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.546 - Accessible Studio	NO (-98%)	NO
A.545 - 1Bed Studio	NO (-96.8%)	NO
A.547 - Studio 01	NO (-96.6%)	NO

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
Bathroom	N/A	N/A
A.544j - Ensuite	NO (-92.7%)	NO
A.544h - Ensuite	NO (-91.4%)	NO
A.544g - Ensuite	NO (-90.7%)	NO
A.544f - Ensuite	NO (-90.6%)	NO
A.544e - Ensuite	NO (-90.4%)	NO
A.544d - Ensuite	NO (-90.4%)	NO
A.544c - Ensuite	NO (-90.5%)	NO
A.544b - Ensuite	NO (-90.8%)	NO
A.543 - Studio 01	NO (-94.8%)	NO
A.551 - Studio 01	NO (-96.5%)	NO
A.550 - Studio 01	NO (-94.5%)	NO
A.549 - Studio 01	NO (-94.6%)	NO
A.548 - Studio 01	NO (-94.6%)	NO
A.552 - Accessible Studio	NO (-97.9%)	NO
A.542 - Studio 01	NO (-94%)	NO
A.541 - Studio 01	NO (-90.8%)	NO
A.540 - Studio 01	NO (-90.9%)	NO
A.539 - Studio 01	NO (-91.2%)	NO
A.538 - Accessible Studio	NO (-94.9%)	NO
A.537 - Studio 01	NO (-93.2%)	NO
A.536g - Social Cluster	NO (-91.4%)	NO
A.536f - Social Cluster	NO (-91%)	NO
A.536e - Social Cluster	NO (-93.3%)	NO
A.554c - Social Cluster	NO (-93%)	NO
A.554b - Social Cluster	NO (-90.2%)	NO
A.554a - Social Cluster	NO (-90.9%)	NO
A.553 - Studio 01	NO (-93%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.564 - Studio 01	NO (-96.9%)	NO
Bathroom	N/A	N/A
A.565 - Studio 01	NO (-94%)	NO
Bathroom	N/A	N/A
A.566 - Studio 01	NO (-88.8%)	NO
Bathroom	N/A	N/A
A.567 - Studio 01	NO (-88.7%)	NO
Bathroom	N/A	N/A
A.568 - Studio 01	NO (-91.5%)	NO
A.569 - Studio 01	NO (-96.7%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.501 - Accessible Studio	NO (-79.4%)	NO

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
Bathroom	N/A	N/A
A.502 - 1Bed Studio	NO (-89.3%)	NO
Bathroom	N/A	N/A
A.503 - Studio 02	NO (-93.4%)	NO
A.504 - Studio 01	NO (-78.2%)	NO
A.505 - Studio 01	NO (-78.3%)	NO
A.506 - Studio 01	NO (-78.2%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.536c - Social Cluster	NO (-85.8%)	NO
A.554e - Social Cluster	NO (-85.7%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.507 - Studio 01	NO (-80.2%)	NO
A.508 - Studio 01	NO (-72.2%)	NO
A.509 - Studio 01	NO (-71.6%)	NO
A.510 - Studio 01	NO (-80.7%)	NO
A.511 - Studio 01	NO (-78.3%)	NO
A.512 - Studio 01	NO (-78.3%)	NO
A.513 - Studio 01	NO (-67.6%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.563 - Accessible Studio	NO (-83.5%)	NO

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
A.555 - Studio 01	NO (-78.9%)	NO
A.556 - Studio 01	NO (-91.9%)	NO
A.557 - Studio 01	NO (-82.1%)	NO
A.558 - Studio 01	NO (-82%)	NO
A.559 - Studio 01	NO (-82%)	NO
A.560 - Studio 01	NO (-82.1%)	NO
A.561 - Studio 02	NO (-94.6%)	NO
Bathroom	N/A	N/A
A.562 - 1Bed Studio	NO (-90.1%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.514 - Studio 01	NO (-67.6%)	NO
A.515 - Studio 01	NO (-78.3%)	NO
A.516 - Studio 01	NO (-78.3%)	NO
A.517 - Studio 01	NO (-91.6%)	NO
A.518 - Studio 02	NO (-63.2%)	NO
A.519 - Studio 02	NO (-52%)	NO
A.520 - Studio 01	NO (-58.9%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.521 - Studio 02	NO (-51.8%)	NO
A.522 - Studio 02	NO (-77.3%)	NO
A.523 - Studio 01	NO (-83.9%)	NO
A.524 - Studio 01	NO (-79.8%)	NO
A.525 - 1Bed Studio	NO (-75.8%)	NO
A.526 - 1Bed Studio	NO (-77.3%)	NO
A.527 - Studio 01	NO (-82.1%)	NO
A.528 - Studio 01	NO (-80.6%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
A.529 - Studio 01	NO (-76%)	NO
A.530 - Studio 01	NO (-73.2%)	NO
Bathroom	N/A	N/A
A.531 - 1Bed Studio	NO (-63.5%)	NO
A.532 - Studio 02	NO (-68.3%)	NO
A.533 - Studio 02	NO (-68.3%)	NO
A.534 - Studio 02	NO (-71.7%)	NO
A.535 - Studio 01	NO (-72.7%)	NO
Bathroom	N/A	N/A
Bathroom	NO (-99.9%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.536a - Social Cluster	NO (-82.1%)	NO
A.536b - Social Cluster	NO (-80%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.554f - Social Cluster	NO (-79.9%)	NO
Bathroom	N/A	N/A
A.554g - Social Cluster	NO (-82.2%)	NO
Bathroom	N/A	N/A
A.663 - Accessible Studio	NO (-81.6%)	NO
Bathroom	N/A	N/A
A.664 - Studio 01	NO (-96.7%)	NO
A.662 - 1Bed Studio	NO (-88.7%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.665 - Studio 01	NO (-93.7%)	NO
Bathroom	N/A	N/A
A.666 - Studio 01	NO (-88.2%)	NO
Bathroom	N/A	N/A
A.667 - Studio 01	NO (-88.1%)	NO
Bathroom	N/A	N/A
A.668 - Studio 01	NO (-91%)	NO
Studio 01	NO (-96.5%)	NO
Bathroom	N/A	N/A
A.646 - Accessible Studio	NO (-97.9%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.651 - Studio 01	NO (-95.7%)	NO
A.652 - Accessible Studio	NO (-97.7%)	NO
A.650 - Studio 01	NO (-93.7%)	NO
A.649 - Studio 01	NO (-94%)	NO
A.648 - Studio 01	NO (-94.2%)	NO
A.647 - Studio 01	NO (-96.2%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.653 - Studio 01	NO (-91.2%)	NO
A.655 - Studio 01	NO (-78.9%)	NO
A.656 - Studio 01	NO (-91.9%)	NO
A.657 - Studio 01	NO (-82.1%)	NO
A.658 - Studio 01	NO (-82%)	NO
A.659 - Studio 01	NO (-82%)	NO
A.660 - Studio 01	NO (-82.1%)	NO
A.661 - Studio 02	NO (-94.6%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.601 - Accessible Studio	NO (-77.3%)	NO
Bathroom	N/A	N/A
A.602 - 1Bed Studio	NO (-88.5%)	NO
Bathroom	N/A	N/A
A.603 - Studio 02	NO (-93.3%)	NO
A.604 - Studio 01	NO (-77.9%)	NO
A.605 - Studio 01	NO (-78%)	NO
A.606 - Studio 01	NO (-77.9%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.645 - 1Bed Studio	NO (-95.6%)	NO
A.654e - Social Cluster	NO (-85.7%)	NO
A.654c - Social Cluster	NO (-91.6%)	NO
A.654b - Social Cluster	NO (-88.3%)	NO
A.654a - Social Cluster	NO (-88.7%)	NO
A.654f - Social Cluster	NO (-79.9%)	NO
A.654g - Social Cluster	NO (-82.2%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.644j - Ensuite	NO (-89.6%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.607 - Studio 01	NO (-79.9%)	NO

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
A.608 - Studio 01	NO (-71.7%)	NO
A.609 - Studio 01	NO (-71.1%)	NO
A.610 - Studio 01	NO (-80.4%)	NO
A.611 - Studio 01	NO (-77.9%)	NO
A.612 - Studio 01	NO (-77.9%)	NO
A.613 - Studio 01	NO (-67%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.644h - Ensuite	NO (-88.7%)	NO
A.644g - Ensuite	NO (-88.2%)	NO
A.644f - Ensuite	NO (-88.1%)	NO
A.644e - Ensuite	NO (-88.3%)	NO
A.644d - Ensuite	NO (-88.4%)	NO
A.644c - Ensuite	NO (-88.7%)	NO
A.644b - Ensuite	NO (-89.1%)	NO
A.643 - Studio 01	NO (-94.4%)	NO
A.642 - Studio 01	NO (-93.4%)	NO
A.641 - Studio 01	NO (-89.8%)	NO
A.640 - Studio 01	NO (-89.6%)	NO
A.639 - Studio 01	NO (-89.6%)	NO
A.638 - Accessible Studio	NO (-93.5%)	NO
A.637 - Studio 01	NO (-92.6%)	NO
A.636g - Social Cluster	NO (-90.3%)	NO
A.636f - Social Cluster	NO (-89.6%)	NO
A.636e - Social Cluster	NO (-92.1%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.614 - Studio 01	NO (-67%)	NO
A.615 - Studio 01	NO (-77.9%)	NO
A.616 - Studio 01	NO (-78%)	NO
A.617 - Studio 01	NO (-91.5%)	NO
A.618 - Studio 02	NO (-62.7%)	NO
A.619 - Studio 02	NO (-51.8%)	NO
A.620 - Studio 01	NO (-58.8%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.636c - Social Cluster	NO (-85.8%)	NO
A.621 - Studio 02	NO (-51.8%)	NO
A.622 - Studio 02	NO (-77.3%)	NO
A.623 - Studio 01	NO (-83.9%)	NO
A.624 - Studio 01	NO (-79.8%)	NO
A.625 - 1Bed Studio	NO (-75.8%)	NO
A.626 - 1Bed Studio	NO (-77.3%)	NO
A.627 - Studio 01	NO (-82.1%)	NO
A.628 - Studio 01	NO (-80.6%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.629 - Studio 01	NO (-76%)	NO
A.630 - Studio 01	NO (-73.2%)	NO
Bathroom	N/A	N/A
A.631 - 1Bed Studio	NO (-63.5%)	NO
A.632 - Studio 02	NO (-68.3%)	NO
A.633 - Studio 02	NO (-68.3%)	NO
A.634 - Studio 02	NO (-71.7%)	NO
A.635 - Studio 01	NO (-72.7%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.636a - Social Cluster	NO (-82.1%)	NO
A.636b - Social Cluster	NO (-80%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.757 - Accessible Studio	NO (-73.5%)	NO
Bathroom	N/A	N/A

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
A.758 - Studio 01	NO (-95.9%)	NO
A.756 - 1Bed Studio	NO (-87%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.759 - Studio 01	NO (-93.5%)	NO
Bathroom	N/A	N/A
A.760 - Studio 01	NO (-88.1%)	NO
Bathroom	N/A	N/A
A.761 - Studio 01	NO (-88.1%)	NO
Bathroom	N/A	N/A
A.762 - Studio 01	NO (-90.8%)	NO
A.763 - Studio 01	NO (-96.1%)	NO
Bathroom	N/A	N/A
A.743 - Accessible Studio	NO (-97.7%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.748 - Studio 01	NO (-94.7%)	NO
A.749 - Accessible Studio	NO (-98.1%)	NO
A.747 - Studio 01	NO (-92.3%)	NO
A.746 - Studio 01	NO (-92.7%)	NO
A.745 - Studio 01	NO (-93.3%)	NO
A.744 - Studio 01	NO (-95.8%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.750 - Studio 01	NO (-96.3%)	NO
A.751 - Studio 01	NO (-82.1%)	NO
A.752 - Studio 01	NO (-82%)	NO
A.753 - Studio 01	NO (-82%)	NO
A.754 - Studio 01	NO (-82.1%)	NO
A.755 - Studio 02	NO (-94.6%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.701 - Accessible Studio	NO (-75%)	NO
A.702 - 1Bed Studio	NO (-87.6%)	NO
Bathroom	N/A	N/A
A.703 - Studio 02	NO (-93.3%)	NO
A.704 - Studio 01	NO (-77.9%)	NO
A.705 - Studio 01	NO (-78%)	NO
A.706 - Studio 01	NO (-77.9%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.742 - 1Bed Studio	NO (-93.6%)	NO
A.707 - Studio 01	NO (-79.9%)	NO
A.741j - Ensuite	NO (-87.5%)	NO
A.708 - Studio 01	NO (-71.7%)	NO
A.709 - Studio 01	NO (-71.1%)	NO
A.710 - Studio 01	NO (-80.4%)	NO
A.711 - Studio 01	NO (-77.9%)	NO
A.712 - Studio 01	NO (-77.9%)	NO
A.713 - Studio 01	NO (-67.1%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.741h - Ensuite	NO (-87.4%)	NO
Bathroom	N/A	N/A
A.714 - Studio 01	NO (-67%)	NO
Bathroom	N/A	N/A
A.741g - Ensuite	NO (-87.4%)	NO
A.741f - Ensuite	NO (-87.3%)	NO
A.741e - Ensuite	NO (-87.3%)	NO
A.741d - Ensuite	NO (-87.5%)	NO
A.741c - Ensuite	NO (-87.9%)	NO
A.741b - Ensuite	NO (-88.4%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.715 - Studio 01	NO (-77.9%)	NO
A.716 - Studio 01	NO (-77.9%)	NO
A.717 - Studio 01	NO (-91.5%)	NO
A.718 - Studio 02	NO (-62.7%)	NO
A.719 - Studio 02	NO (-51.8%)	NO
A.720 - Studio 01	NO (-58.8%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.740 - Studio 01	NO (-93.8%)	NO

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
A.721 - Studio 02	NO (-51.6%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.722 - Studio 02	NO (-77.3%)	NO
A.723 - Studio 01	NO (-83.9%)	NO
A.724 - Studio 01	NO (-79.8%)	NO
A.725 - 1Bed Studio	NO (-75.8%)	NO
A.726 - 1Bed Studio	NO (-77.3%)	NO
A.727 - Studio 01	NO (-82.1%)	NO
A.728 - Studio 01	NO (-80.6%)	NO
A.735 - Accessible Studio	NO (-92.5%)	NO
A.736 - Studio 01	NO (-88.4%)	NO
A.737 - Studio 01	NO (-88.7%)	NO
A.738 - Studio 01	NO (-88.8%)	NO
A.739 - Studio 01	NO (-92.7%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.729 - Studio 01	NO (-63.6%)	NO
A.730 - Studio 01	NO (-59.2%)	NO
A.731 - 1Bed Studio	NO (-59%)	NO
A.732 - Studio 02	NO (-53%)	NO
A.733 - Studio 02	NO (-53%)	NO
A.734 - Studio 02	NO (-79.5%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.830 - Studio 01	NO (-92.9%)	NO
A.829 - Studio 01	NO (-92.2%)	NO
Bathroom	N/A	N/A
A.828 - Studio 01	NO (-88.3%)	NO
Bathroom	N/A	N/A
A.827 - Studio 01	NO (-88.1%)	NO
A.826 - Studio 01	NO (-88%)	NO
A.825 - 1Bed Studio	NO (-92.2%)	NO

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
A.822 - Studio 01	NO (-76.3%)	NO
A.821 - Studio 01	NO (-84.9%)	NO
A.820 - Studio 02	NO (-78.3%)	NO
A.819 - Studio 02	NO (-78.5%)	NO
A.818 - Studio 01	NO (-84.7%)	NO
A.817 - Studio 01	NO (-76.7%)	NO
A.816 - Studio 01	NO (-85.6%)	NO
A.815 - Studio 01	NO (-79.1%)	NO
A.814 - Studio 01	NO (-73.6%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.831b - Ensuite	NO (-87.4%)	NO
A.824 - Studio 01	N/A	N/A
Bathroom	N/A	N/A
A.823 - Studio 01	NO (-88.8%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.813 - Studio 01	NO (-79%)	NO
A.812 - Studio 02	NO (-80.4%)	NO
A.811 - Studio 01	NO (-69.3%)	NO
A.810 - Studio 01	NO (-62.9%)	NO
A.809 - Studio 01	NO (-76.5%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.831c - Ensuite	NO (-87.1%)	NO
Bathroom	N/A	N/A
A.831j - Ensuite	NO (-86.7%)	NO
A.831h - Ensuite	NO (-86.6%)	NO
A.831g - Ensuite	NO (-86.6%)	NO
A.831f - Ensuite	NO (-86.7%)	NO
A.831e - Ensuite	NO (-86.8%)	NO
A.831d - Ensuite	NO (-86.9%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
Bathroom	N/A	N/A
A.808 - Studio 01	NO (-62.9%)	NO
Bathroom	N/A	N/A
A.807 - Studio 01	NO (-62.8%)	NO
A.806 - Studio 01	NO (-76.3%)	NO
A.805 - Studio 01	NO (-63.3%)	NO
A.804 - Studio 01	NO (-77.4%)	NO
A.832 - 1Bed Studio	NO (-92.8%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.803 - Studio 01	NO (-76.2%)	NO
Bathroom	N/A	N/A
Studio 02	NO (-79%)	NO
Bathroom	N/A	N/A
A.801 - 1Bed Studio	NO (-93.1%)	NO
Bathroom	N/A	N/A
Bathroom	N/A	N/A
A.833 - 1Bed Studio	NO (-98.2%)	NO
Bathroom	N/A	N/A
A.001 - Duplex Studio - Bedroom	NO (-98.3%)	NO
A.002 - Duplex Studio - Bedroom	NO (-95.4%)	NO
A.003 - Duplex Studio - Bedroom	NO (-95.4%)	NO
A.004 - Duplex Studio - Bedroom	NO (-95.4%)	NO
A.011 - Duplex Studio - Bedroom	NO (-93.3%)	NO
A.010 - Duplex Studio - Bedroom	NO (-93.7%)	NO
A.009 - Duplex Studio - Bedroom	NO (-93.8%)	NO
A.008 - Duplex Studio - Bedroom	NO (-94.4%)	NO
A.007 - Duplex Studio - Bedroom	NO (-94.6%)	NO
A.006 - Duplex Studio - Bedroom	NO (-94.5%)	NO
A.005 - Duplex Studio - Bedroom	NO (-97.9%)	NO

Regulation 25A: Consideration of high efficiency alternative energy systems

Were alternative energy systems considered and analysed as part of the design process?	YES
Is evidence of such assessment available as a separate submission?	NO
Are any such measures included in the proposed design?	YES

Technical Data Sheet (Actual vs. Notional Building)

Building Global Parameters

	Actual	Notional
Floor area [m^2]	18415.1	18415.1
External area [m^2]	14013.5	14013.5
Weather	LON	LON
Infiltration [m^3/hm^2@ 50Pa]	2	3
Average conductance [W/K]	3952.87	6507.75
Average U-value [W/m^2K]	0.28	0.46
Alpha value* [%]	24.96	10

* Percentage of the building's average heat transfer coefficient which is due to thermal bridging

Building Use

% Area	Building Type
	Retail/Financial and Professional Services
	Restaurants and Cafes/Drinking Establishments/Takeaways
	Offices and Workshop Businesses
	General Industrial and Special Industrial Groups
	Storage or Distribution
	Hotels
	Residential Institutions: Hospitals and Care Homes
	Residential Institutions: Residential Schools
100	**Residential Institutions: Universities and Colleges**
	Secure Residential Institutions
	Residential Spaces
	Non-residential Institutions: Community/Day Centre
	Non-residential Institutions: Libraries, Museums, and Galleries
	Non-residential Institutions: Education
	Non-residential Institutions: Primary Health Care Building
	Non-residential Institutions: Crown and County Courts
	General Assembly and Leisure, Night Clubs, and Theatres
	Others: Passenger Terminals
	Others: Emergency Services
	Others: Miscellaneous 24hr Activities
	Others: Car Parks 24 hrs
	Others: Stand Alone Utility Block

Energy Consumption by End Use [kWh/m^2]

	Actual	Notional
Heating	10.38	12.49
Cooling	0.21	0.29
Auxiliary	3.13	5.2
Lighting	4.97	6.32
Hot water	5.18	5.18
Equipment*	18.68	18.68
TOTAL**	**23.87**	**29.48**

* Energy used by equipment does not count towards the total for consumption or calculating emissions.
** Total is net of any electrical energy displaced by CHP generators, if applicable.

Energy Production by Technology [kWh/m^2]

	Actual	Notional
Photovoltaic systems	0	0
Wind turbines	0	0
CHP generators	0	0
Solar thermal systems	0	0
Displaced electricity	*0*	*0*

Energy & CO_2 Emissions Summary

	Actual	Notional
Heating + cooling demand [MJ/m^2]	107.37	129.79
Primary energy [kWh_{PE}/m^2]	35.82	44.23
Total emissions [kg/m^2]	3.39	4.18

HVAC Systems Performance

System Type		Heat dem MJ/m2	Cool dem MJ/m2	Heat con kWh/m2	Cool con kWh/m2	Aux con kWh/m2	Heat SSEEF	Cool SSEER	Heat gen SEFF	Cool gen SEER
[ST] Central heating using water: radiators, [HS] ASHP, [HFT] Electricity, [CFT] Electricity										
	Actual	168.3	0	16.8	0	2.6	2.78	0	3.09	0
	Notional	200.1	0	20	0	6.1	2.78	0	----	----
[ST] Fan coil systems, [HS] ASHP, [HFT] Electricity, [CFT] Electricity										
	Actual	53.2	68.7	5.3	4.1	11.1	2.78	4.63	3.09	5.79
	Notional	55.7	106.2	5.6	6.4	15.6	2.78	4.63	----	----
[ST] Central heating using water: radiators, [HS] ASHP, [HFT] Electricity, [CFT] Electricity										
	Actual	22	0	2.2	0	5.1	2.78	0	3.09	0
	Notional	40.5	0	4	0	3.2	2.78	0	----	----
[ST] Fan coil systems, [HS] ASHP, [HFT] Electricity, [CFT] Electricity										
	Actual	35.2	70	3.5	4.2	18.3	2.78	4.63	3.09	5.79
	Notional	12.6	79.1	1.3	4.7	27.6	2.78	4.63	----	----
[ST] Fan coil systems, [HS] ASHP, [HFT] Electricity, [CFT] Electricity										
	Actual	30.1	53.1	3	3.2	10.5	2.78	4.63	3.09	5.79
	Notional	8	60.1	0.8	3.6	12.1	2.78	4.63	----	----
[ST] Split or multi-split system, [HS] ASHP, [HFT] Electricity, [CFT] Electricity										
	Actual	0	0	0	0	0	2.78	4.63	3.09	5.79
	Notional	0	0	0	0	0	2.78	4.63	----	----
[ST] No Heating or Cooling										
	Actual	0	0	0	0	0	0	0	0	0
	Notional	0	0	0	0	0	0	0	----	----

Key to terms

Heat dem [MJ/m2] = Heating energy demand
Cool dem [MJ/m2] = Cooling energy demand
Heat con [kWh/m2] = Heating energy consumption
Cool con [kWh/m2] = Cooling energy consumption
Aux con [kWh/m2] = Auxiliary energy consumption
Heat SSEFF = Heating system seasonal efficiency (for notional building, value depends on activity glazing class)
Cool SSEER = Cooling system seasonal energy efficiency ratio
Heat gen SSEFF = Heating generator seasonal efficiency
Cool gen SSEER = Cooling generator seasonal energy efficiency ratio
ST = System type
HS = Heat source
HFT = Heating fuel type
CFT = Cooling fuel type

BRUKL Output Document

HM Government

Compliance with England Building Regulations Part L 2021

Project name

Lordship Lane_Non Resi

As designed

Date: Tue Jun 09 11:20:50 2026

Administrative information

Building Details

Address: 707 -725 Lordship Lane Wood Green, London, N22 5JY

Certifier details

Name: Jean

Telephone number: Phone

Address: Cross Lanes, Guildford, GU1 1UJ

Certification tool

Calculation engine: Apache

Calculation engine version: 7.0.31

Interface to calculation engine: IES Virtual Environment

Interface to calculation engine version: 7.0.31

BRUKL compliance module version: v6.1.e.1

Foundation area [m^2]: 674.6

The CO_2 emission and primary energy rates of the building must not exceed the targets

Target CO_2 emission rate (TER), $kgCO_2/m^2.annum$	3.02	
Building CO_2 emission rate (BER), $kgCO_2/m^2.annum$	2.37	
Target primary energy rate (TPER), $kWh_{PE}/m^2.annum$	32.77	
Building primary energy rate (BPER), $kWh_{PE}/m^2.annum$	25.88	
Do the building's emission and primary energy rates exceed the targets?	BER =< TER	BPER =< TPER

The performance of the building fabric and fixed building services should achieve reasonable overall standards of energy efficiency

Fabric element	$U_{a\text{-}Limit}$	$U_{a\text{-}Calc}$	$U_{i\text{-}Calc}$	First surface with maximum value
Walls*	0.26	0.14	0.14	03000001:Surf[2]
Floors	0.18	0.08	0.08	03000001:Surf[0]
Pitched roofs	0.16	-	-	No pitched roofs in building
Flat roofs	0.18	0.1	0.1	03000001:Surf[34]
Windows** and roof windows	1.6	1.19	1.19	03000001:Surf[1]
Rooflights***	2.2	-	-	No roof lights in building
Personnel doors^	1.6	1.4	1.4	03000001:Surf[4]
Vehicle access & similar large doors	1.3	-	-	No vehicle access doors in building
High usage entrance doors	3	-	-	No high usage entrance doors in building

$U_{a\text{-}Limit}$ = Limiting area-weighted average U-values [$W/(m^2K)$] $U_{i\text{-}Calc}$ = Calculated maximum individual element U-values [$W/(m^2K)$]

$U_{a\text{-}Calc}$ = Calculated area-weighted average U-values [$W/(m^2K)$]

* Automatic U-value check by the tool does not apply to curtain walls whose limiting standard is similar to that for windows.

** Display windows and similar glazing are excluded from the U-value check. *** Values for rooflights refer to the horizontal position.

^ For fire doors, limiting U-value is 1.8 W/m^2K

NB: Neither roof ventilators (inc. smoke vents) nor swimming pool basins are modelled or checked against the limiting standards by the tool.

Air permeability	Limiting standard	This building
$m^3/(h.m^2)$ at 50 Pa	8	2

Building services

For details on the standard values listed below, system-specific guidance, and additional regulatory requirements, refer to the Approved Documents.

Whole building lighting automatic monitoring & targeting with alarms for out-of-range values	YES
Whole building electric power factor achieved by power factor correction	>0.95

1- Split -Non Rei

	Heating efficiency	**Cooling efficiency**	**Radiant efficiency**	**SFP [W/(l/s)]**	**HR efficiency**
This system	4	6	0	-	0.8
Standard value	2.5*	5	N/A	N/A	N/A
Automatic monitoring & targeting with alarms for out-of-range values for this HVAC system					YES
* Standard shown is for all types >12 kW output, except absorption and gas engine heat pumps.					

1- Point of use_DHW

	Water heating efficiency	**Storage loss factor [kWh/litre per day]**
This building	1	-
Standard value	1	N/A

Zone-level mechanical ventilation, exhaust, and terminal units

ID	**System type in the Approved Documents**
A	Local supply or extract ventilation units
B	Zonal supply system where the fan is remote from the zone
C	Zonal extract system where the fan is remote from the zone
D	Zonal balanced supply and extract ventilation system
E	Local balanced supply and extract ventilation units
F	Other local ventilation units
G	Fan assisted terminal variable air volume units
H	Fan coil units
I	Kitchen extract with the fan remote from the zone and a grease filter
NB: Limiting SFP may be increased by the amounts specified in the Approved Documents if the installation includes particular components.	

Zone name	**SFP [W/(l/s)]**									**HR efficiency**	
ID of system type	**A**	**B**	**C**	**D**	**E**	**F**	**G**	**H**	**I**		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	**Zone**	**Standard**
A.037 - Non-Resi	-	-	-	0.7	-	-	-	-	-	-	N/A

General lighting and display lighting	**General luminaire**	**Display light source**	
Zone name	**Efficacy [lm/W]**	**Efficacy [lm/W]**	**Power density [W/m²]**
Standard value	95	80	0.3
A.037 - Non-Resi	120	-	-

The spaces in the building should have appropriate passive control measures to limit solar gains in summer

Zone	**Solar gain limit exceeded? (%)**	**Internal blinds used?**
A.037 - Non-Resi	NO (-36.3%)	NO

Regulation 25A: Consideration of high efficiency alternative energy systems

Were alternative energy systems considered and analysed as part of the design process?	YES
Is evidence of such assessment available as a separate submission?	NO
Are any such measures included in the proposed design?	YES

Technical Data Sheet (Actual vs. Notional Building)

Building Global Parameters

	Actual	Notional
Floor area [m^2]	674.6	674.6
External area [m^2]	1086.5	1086.5
Weather	LON	LON
Infiltration [m^3/hm^2@ 50Pa]	2	3
Average conductance [W/K]	274.81	305.09
Average U-value [W/m^2K]	0.25	0.28
Alpha value* [%]	25	10

* Percentage of the building's average heat transfer coefficient which is due to thermal bridging

Building Use

% Area	Building Type
100	**Retail/Financial and Professional Services**
	Restaurants and Cafes/Drinking Establishments/Takeaways
	Offices and Workshop Businesses
	General Industrial and Special Industrial Groups
	Storage or Distribution
	Hotels
	Residential Institutions: Hospitals and Care Homes
	Residential Institutions: Residential Schools
	Residential Institutions: Universities and Colleges
	Secure Residential Institutions
	Residential Spaces
	Non-residential Institutions: Community/Day Centre
	Non-residential Institutions: Libraries, Museums, and Galleries
	Non-residential Institutions: Education
	Non-residential Institutions: Primary Health Care Building
	Non-residential Institutions: Crown and County Courts
	General Assembly and Leisure, Night Clubs, and Theatres
	Others: Passenger Terminals
	Others: Emergency Services
	Others: Miscellaneous 24hr Activities
	Others: Car Parks 24 hrs
	Others: Stand Alone Utility Block

Energy Consumption by End Use [kWh/m^2]

	Actual	Notional
Heating	2.07	2.69
Cooling	3.66	3.23
Auxiliary	2.77	3.56
Lighting	4.32	8.19
Hot water	4.75	4.51
Equipment*	47.7	47.7
TOTAL**	**17.57**	**22.18**

* Energy used by equipment does not count towards the total for consumption or calculating emissions.
** Total is net of any electrical energy displaced by CHP generators, if applicable.

Energy Production by Technology [kWh/m^2]

	Actual	Notional
Photovoltaic systems	0	0
Wind turbines	0	0
CHP generators	0	0
Solar thermal systems	0	0
Displaced electricity	*0*	*0*

Energy & CO_2 Emissions Summary

	Actual	Notional
Heating + cooling demand [MJ/m^2]	88.3	80.73
Primary energy [kWh_{PE}/m^2]	25.88	32.77
Total emissions [kg/m^2]	2.37	3.02

HVAC Systems Performance

System Type		Heat dem MJ/m2	Cool dem MJ/m2	Heat con kWh/m2	Cool con kWh/m2	Aux con kWh/m2	Heat SSEEF	Cool SSEER	Heat gen SEFF	Cool gen SEER
[ST] Split or multi-split system, [HS] ASHP, [HFT] Electricity, [CFT] Electricity										
	Actual	29.2	59.1	2.1	3.7	2.8	3.92	4.48	4	6
	Notional	26.9	53.8	2.7	3.2	3.6	2.78	4.63	----	----

Key to terms

Heat dem [MJ/m2] = Heating energy demand
Cool dem [MJ/m2] = Cooling energy demand
Heat con [kWh/m2] = Heating energy consumption
Cool con [kWh/m2] = Cooling energy consumption
Aux con [kWh/m2] = Auxiliary energy consumption
Heat SSEFF = Heating system seasonal efficiency (for notional building, value depends on activity glazing class)
Cool SSEER = Cooling system seasonal energy efficiency ratio
Heat gen SSEFF = Heating generator seasonal efficiency
Cool gen SSEER = Cooling generator seasonal energy efficiency ratio
ST = System type
HS = Heat source
HFT = Heating fuel type
CFT = Cooling fuel type

BRUKL Output Document

HM Government

Compliance with England Building Regulations Part L 2021

Project name

Lordship Lane_Non Resi_Lean

As designed

Date: Tue Jun 09 11:55:56 2026

Administrative information

Building Details

Address: 707 -725 Lordship Lane Wood Green, London, N22 5JY

Certifier details

Name: Jean

Telephone number: Phone

Address: Cross Lanes, Guildford, GU1 1UJ

Certification tool

Calculation engine: Apache

Calculation engine version: 7.0.31

Interface to calculation engine: IES Virtual Environment

Interface to calculation engine version: 7.0.31

BRUKL compliance module version: v6.1.e.1

Foundation area [m^2]: 674.6

The CO_2 emission and primary energy rates of the building must not exceed the targets

Target CO_2 emission rate (TER), $kgCO_2/m^2.annum$	3.02	
Building CO_2 emission rate (BER), $kgCO_2/m^2.annum$	2.45	
Target primary energy rate (TPER), $kWh_{PE}/m^2.annum$	32.77	
Building primary energy rate (BPER), $kWh_{PE}/m^2.annum$	26.68	
Do the building's emission and primary energy rates exceed the targets?	BER =< TER	BPER =< TPER

The performance of the building fabric and fixed building services should achieve reasonable overall standards of energy efficiency

Fabric element	$U_{a\text{-}Limit}$	$U_{a\text{-}Calc}$	$U_{i\text{-}Calc}$	First surface with maximum value
Walls*	0.26	0.14	0.14	03000001:Surf[2]
Floors	0.18	0.08	0.08	03000001:Surf[0]
Pitched roofs	0.16	-	-	No pitched roofs in building
Flat roofs	0.18	0.1	0.1	03000001:Surf[34]
Windows** and roof windows	1.6	1.19	1.19	03000001:Surf[1]
Rooflights***	2.2	-	-	No roof lights in building
Personnel doors^	1.6	1.4	1.4	03000001:Surf[4]
Vehicle access & similar large doors	1.3	-	-	No vehicle access doors in building
High usage entrance doors	3	-	-	No high usage entrance doors in building

$U_{a\text{-}Limit}$ = Limiting area-weighted average U-values [$W/(m^2K)$] $U_{i\text{-}Calc}$ = Calculated maximum individual element U-values [$W/(m^2K)$]

$U_{a\text{-}Calc}$ = Calculated area-weighted average U-values [$W/(m^2K)$]

* Automatic U-value check by the tool does not apply to curtain walls whose limiting standard is similar to that for windows.

** Display windows and similar glazing are excluded from the U-value check. *** Values for rooflights refer to the horizontal position.

^ For fire doors, limiting U-value is 1.8 W/m^2K

NB: Neither roof ventilators (inc. smoke vents) nor swimming pool basins are modelled or checked against the limiting standards by the tool.

Air permeability	Limiting standard	This building
$m^3/(h.m^2)$ at 50 Pa	8	2

Building services

For details on the standard values listed below, system-specific guidance, and additional regulatory requirements, refer to the Approved Documents.

Whole building lighting automatic monitoring & targeting with alarms for out-of-range values	YES
Whole building electric power factor achieved by power factor correction	>0.95

1- Split -Non Rei_Notional

	Heating efficiency	**Cooling efficiency**	**Radiant efficiency**	**SFP [W/(l/s)]**	**HR efficiency**
This system	3.09	5.79	0	-	0.8
Standard value	2.5*	5	N/A	N/A	N/A
Automatic monitoring & targeting with alarms for out-of-range values for this HVAC system					YES
* Standard shown is for all types >12 kW output, except absorption and gas engine heat pumps.					

1- Point of use_DHW_Notional

	Water heating efficiency	**Storage loss factor [kWh/litre per day]**
This building	1.05	-
Standard value	1	N/A

Zone-level mechanical ventilation, exhaust, and terminal units

ID	**System type in the Approved Documents**
A	Local supply or extract ventilation units
B	Zonal supply system where the fan is remote from the zone
C	Zonal extract system where the fan is remote from the zone
D	Zonal balanced supply and extract ventilation system
E	Local balanced supply and extract ventilation units
F	Other local ventilation units
G	Fan assisted terminal variable air volume units
H	Fan coil units
I	Kitchen extract with the fan remote from the zone and a grease filter
NB: Limiting SFP may be increased by the amounts specified in the Approved Documents if the installation includes particular components.	

Zone name	**SFP [W/(l/s)]**									**HR efficiency**	
ID of system type	**A**	**B**	**C**	**D**	**E**	**F**	**G**	**H**	**I**		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	**Zone**	**Standard**
A.037 - Non-Resi	-	-	-	0.7	-	-	-	-	-	-	N/A

General lighting and display lighting	**General luminaire**	**Display light source**	
Zone name	**Efficacy [lm/W]**	**Efficacy [lm/W]**	**Power density [W/m²]**
Standard value	95	80	0.3
A.037 - Non-Resi	120	-	-

The spaces in the building should have appropriate passive control measures to limit solar gains in summer

Zone	**Solar gain limit exceeded? (%)**	**Internal blinds used?**
A.037 - Non-Resi	NO (-36.3%)	NO

Regulation 25A: Consideration of high efficiency alternative energy systems

Were alternative energy systems considered and analysed as part of the design process?	YES
Is evidence of such assessment available as a separate submission?	NO
Are any such measures included in the proposed design?	YES

Technical Data Sheet (Actual vs. Notional Building)

Building Global Parameters

	Actual	Notional
Floor area [m^2]	674.6	674.6
External area [m^2]	1086.5	1086.5
Weather	LON	LON
Infiltration [m^3/hm^2@ 50Pa]	2	3
Average conductance [W/K]	274.81	305.09
Average U-value [W/m^2K]	0.25	0.28
Alpha value* [%]	25	10

* Percentage of the building's average heat transfer coefficient which is due to thermal bridging

Building Use

% Area	Building Type
100	**Retail/Financial and Professional Services**
	Restaurants and Cafes/Drinking Establishments/Takeaways
	Offices and Workshop Businesses
	General Industrial and Special Industrial Groups
	Storage or Distribution
	Hotels
	Residential Institutions: Hospitals and Care Homes
	Residential Institutions: Residential Schools
	Residential Institutions: Universities and Colleges
	Secure Residential Institutions
	Residential Spaces
	Non-residential Institutions: Community/Day Centre
	Non-residential Institutions: Libraries, Museums, and Galleries
	Non-residential Institutions: Education
	Non-residential Institutions: Primary Health Care Building
	Non-residential Institutions: Crown and County Courts
	General Assembly and Leisure, Night Clubs, and Theatres
	Others: Passenger Terminals
	Others: Emergency Services
	Others: Miscellaneous 24hr Activities
	Others: Car Parks 24 hrs
	Others: Stand Alone Utility Block

Energy Consumption by End Use [kWh/m^2]

	Actual	Notional
Heating	2.92	2.69
Cooling	3.54	3.23
Auxiliary	2.77	3.56
Lighting	4.32	8.19
Hot water	4.51	4.51
Equipment*	47.7	47.7
TOTAL**	**18.07**	**22.18**

* Energy used by equipment does not count towards the total for consumption or calculating emissions.
** Total is net of any electrical energy displaced by CHP generators, if applicable.

Energy Production by Technology [kWh/m^2]

	Actual	Notional
Photovoltaic systems	0	0
Wind turbines	0	0
CHP generators	0	0
Solar thermal systems	0	0
Displaced electricity	*0*	*0*

Energy & CO_2 Emissions Summary

	Actual	Notional
Heating + cooling demand [MJ/m^2]	88.3	80.73
Primary energy [kWh_{PE}/m^2]	26.68	32.77
Total emissions [kg/m^2]	2.45	3.02

HVAC Systems Performance

System Type		Heat dem MJ/m2	Cool dem MJ/m2	Heat con kWh/m2	Cool con kWh/m2	Aux con kWh/m2	Heat SSEEF	Cool SSEER	Heat gen SEFF	Cool gen SEER
[ST] Split or multi-split system, [HS] ASHP, [HFT] Electricity, [CFT] Electricity										
	Actual	29.2	59.1	2.9	3.5	2.8	2.78	4.63	3.09	5.79
	Notional	26.9	53.8	2.7	3.2	3.6	2.78	4.63	----	----

Key to terms

Heat dem [MJ/m2] = Heating energy demand
Cool dem [MJ/m2] = Cooling energy demand
Heat con [kWh/m2] = Heating energy consumption
Cool con [kWh/m2] = Cooling energy consumption
Aux con [kWh/m2] = Auxiliary energy consumption
Heat SSEFF = Heating system seasonal efficiency (for notional building, value depends on activity glazing class)
Cool SSEER = Cooling system seasonal energy efficiency ratio
Heat gen SSEFF = Heating generator seasonal efficiency
Cool gen SSEER = Cooling generator seasonal energy efficiency ratio
ST = System type
HS = Heat source
HFT = Heating fuel type
CFT = Cooling fuel type

Block Compliance

Block Reference	Block B	**Issued on Date**	18/06/2026
Block Name			
Calculation Type	New Build (As Designed)	**SAP Version**	10.2

Assessor Details	Mr. Jean Dib	**Assessor ID**	DX04-0001
Client	C Field Construction, C Field Construction, Tower Bridge Business Centre,, 46-48 East Smithfield, London, E1W 1AW		

Block Compliance Report - DER

Block Reference: Block B | **Block Name:**

Property-Assessment Reference	Floor area (m^2)	DER ($kgCO_2/m^2$)	TER ($kgCO_2/m^2$)	% DER/TER
B01 - Stage 4	51.30	3.84	18.74	79.51 %
B02 - Stage 4	95.30	3.34	14.37	76.76 %
B03 - Stage 4	96.10	3.00	12.67	76.32 %
B04 - Stage 4	96.10	2.86	11.88	75.93 %
B05 - Stage 4	95.70	3.00	13.48	77.74 %
B06 - Stage 4	84.00	3.20	16.10	80.12 %
B07 - Stage 4	51.30	3.54	16.75	78.87 %
B08 - Stage 4	51.70	3.52	16.66	78.87 %
B09 - Stage 4	69.80	2.89	12.90	77.60 %
B10 - Stage 4	70.30	2.54	10.92	76.74 %
B11 - Stage 4	70.30	2.56	11.13	77.00 %
B12 - Stage 4	52.70	3.14	14.34	78.10 %
B13 - Stage 4	51.40	3.54	16.73	78.84 %
B14 - Stage 4	69.80	2.73	12.07	77.38 %
B15 - Stage 4	70.30	2.45	10.12	75.79 %
B16 - Stage 4	70.30	2.46	10.39	76.32 %
B17 - Stage 4	52.70	2.94	13.22	77.76 %
B18 - Stage 4	51.40	3.54	16.73	78.84 %
B19 - Stage 4	69.80	2.73	12.07	77.38 %
B20 - Stage 4	70.30	2.45	10.18	75.93 %
B21 - Stage 4	70.30	2.49	10.73	76.79 %
B22 - Stage 4	52.70	3.25	17.22	81.13 %

Block Compliance

B23 - Stage 4	51.50	3.95	19.73	79.98 %
B24 - Stage 4	69.80	3.11	15.04	79.32 %
B25 - Stage 4	70.30	2.94	12.50	76.48 %
B26 - Stage 4	70.90	2.88	14.61	80.29 %
Totals:	1776.10	78.89	361.28	
Average DER = 2.99 $kgCO_2/m^2$	**% DER/TER**	PASS		
Average TER = 13.60 $kgCO_2/m^2$	77.99 %			

Block Compliance Report - DFEE

Block Reference: Block B	**Block Name:**			
Property-Assessment Reference	**Floor area (m^2)**	**DFEE ($kWh/m^2/yr$)**	**TFEE ($kWh/m^2/yr$)**	**% DFEE/TFEE**
B01 - Stage 4	51.30	43.07	51.13	15.75 %
B02 - Stage 4	95.30	41.16	44.67	7.85 %
B03 - Stage 4	96.10	34.74	36.91	5.89 %
B04 - Stage 4	96.10	31.91	33.43	4.55 %
B05 - Stage 4	95.70	34.37	40.67	15.49 %
B06 - Stage 4	84.00	39.16	51.90	24.55 %
B07 - Stage 4	51.30	37.17	42.18	11.90 %
B08 - Stage 4	51.70	36.92	41.95	11.99 %
B09 - Stage 4	69.80	28.40	31.66	10.30 %
B10 - Stage 4	70.30	19.46	21.64	10.06 %
B11 - Stage 4	70.30	19.89	22.45	11.43 %
B12 - Stage 4	52.70	27.28	31.54	13.50 %
B13 - Stage 4	51.40	37.10	42.12	11.91 %
B14 - Stage 4	69.80	24.81	27.93	11.15 %
B15 - Stage 4	70.30	15.50	17.65	12.16 %

Block Compliance

B16 - Stage 4	70.30	16.68	19.14	12.84 %
B17 - Stage 4	52.70	22.28	26.37	15.52 %
B18 - Stage 4	51.40	37.10	42.12	11.91 %
B19 - Stage 4	69.80	24.81	27.93	11.15 %
B20 - Stage 4	70.30	15.95	18.07	11.71 %
B21 - Stage 4	70.30	17.36	20.55	15.55 %
B22 - Stage 4	52.70	29.35	44.52	34.08 %
B23 - Stage 4	51.50	44.62	55.48	19.58 %
B24 - Stage 4	69.80	32.37	41.18	21.41 %
B25 - Stage 4	70.30	26.59	28.79	7.67 %
B26 - Stage 4	70.90	25.30	38.53	34.35 %
Totals:	1776.10	763.34	900.53	
Average DFEE = 29.24 kWh/m²/yr	**% DFEE/TFEE**	PASS		
Average TFEE = 34.32 kWh/m²/yr	14.78 %			

Block Compliance Report - DPER

Block Reference: Block B	**Block Name:**			
Property-Assessment Reference	**Floor area (m^2)**	**DPER ($kWh/m^2/yr$)**	**TPER ($kWh/m^2/yr$)**	**% DPER/TPER**
B01 - Stage 4	51.30	40.59	100.84	59.75 %
B02 - Stage 4	95.30	35.21	76.75	54.12 %
B03 - Stage 4	96.10	31.78	67.64	53.02 %
B04 - Stage 4	96.10	30.33	63.37	52.14 %
B05 - Stage 4	95.70	31.76	71.94	55.85 %
B06 - Stage 4	84.00	33.75	86.31	60.90 %
B07 - Stage 4	51.30	37.60	90.14	58.29 %
B08 - Stage 4	51.70	37.41	89.62	58.26 %
B09 - Stage 4	69.80	30.80	69.06	55.40 %

Block Compliance

B10 - Stage 4	70.30	27.30	58.58	53.40 %
B11 - Stage 4	70.30	27.48	59.75	54.01 %
B12 - Stage 4	52.70	33.53	77.09	56.51 %
B13 - Stage 4	51.40	37.55	90.01	58.28 %
B14 - Stage 4	69.80	29.18	64.62	54.84 %
B15 - Stage 4	70.30	26.34	54.33	51.52 %
B16 - Stage 4	70.30	26.51	55.74	52.44 %
B17 - Stage 4	52.70	31.50	71.10	55.70 %
B18 - Stage 4	51.40	37.55	90.01	58.28 %
B19 - Stage 4	69.80	29.18	64.62	54.84 %
B20 - Stage 4	70.30	26.36	54.55	51.68 %
B21 - Stage 4	70.30	26.74	57.57	53.55 %
B22 - Stage 4	52.70	34.67	92.61	62.56 %
B23 - Stage 4	51.50	41.72	106.15	60.70 %
B24 - Stage 4	69.80	32.99	80.59	59.06 %
B25 - Stage 4	70.30	31.33	67.05	53.27 %
B26 - Stage 4	70.90	30.79	78.47	60.76 %
Totals:	1776.10	839.95	1938.51	
Average DPER = 31.88 kWh/m²/yr	**% DPER/TPER**	PASS		
Average TPER = 72.95 kWh/m²/yr	56.30 %			

Block Compliance

Block Reference	Block C	**Issued on Date**	18/06/2026
Block Name			
Calculation Type	New Build (As Designed)	**SAP Version**	10.2
Assessor Details	Mr. Jean Dib	**Assessor ID**	DX04-0001
Client	C Field Construction, C Field Construction, Tower Bridge Business Centre,, 46-48 East Smithfield, London, E1W 1AW		

Block Compliance Report - DER

Block Reference: Block C	**Block Name:**			
Property-Assessment Reference	**Floor area (m^2)**	**DER ($kgCO_2/m^2$)**	**TER ($kgCO_2/m^2$)**	**% DER/TER**
C01 - Stage 4	78.37	3.46	16.23	78.68 %
C08 - Stage 4	78.37	3.57	16.52	78.39 %
C02 - Stage 4	97.95	3.10	13.14	76.41 %
C03 - Stage 4	97.95	2.83	11.91	76.24 %
C04 - Stage 4	97.95	2.83	11.91	76.24 %
C05 - Stage 4	97.95	2.83	11.91	76.24 %
C06 - Stage 4	97.95	2.98	12.54	76.24 %
C07 - Stage 4	94.75	3.34	14.29	76.63 %
C09 - Stage 4	54.93	3.34	14.76	77.37 %
C16 - Stage 4	54.93	2.80	11.64	75.95 %
C10 - Stage 4	52.67	3.14	14.55	78.42 %
C18 - Stage 4	52.67	3.26	15.34	78.75 %
C11 - Stage 4	71.27	2.86	12.57	77.25 %
C12 - Stage 4	71.84	2.50	10.32	75.78 %
C13 - Stage 4	72.02	2.59	11.08	76.62 %
C14 - Stage 4	72.02	2.59	11.08	76.62 %
C15 - Stage 4	72.02	2.59	11.08	76.62 %
C17 - Stage 4	69.98	2.97	13.05	77.24 %
C19 - Stage 4	52.67	3.14	14.55	78.42 %
C20 - Stage 4	71.27	2.72	11.62	76.59 %
C21 - Stage 4	71.84	2.39	9.37	74.49 %
C22 - Stage 4	72.02	2.48	10.15	75.57 %

Block Compliance

C23 - Stage 4	72.02	2.48	10.15	75.57 %
C24 - Stage 4	72.02	2.48	10.15	75.57 %
C25 - Stage 4	54.93	2.78	11.52	75.87 %
C26 - Stage 4	69.98	2.80	12.02	76.71 %
C27 - Stage 4	52.67	3.26	15.34	78.75 %
C28 - Stage 4	52.67	3.14	14.55	78.42 %
C29 - Stage 4	71.27	2.72	11.62	76.59 %
C30 - Stage 4	71.84	2.39	9.37	74.49 %
C31 - Stage 4	72.02	2.48	10.15	75.57 %
C32 - Stage 4	72.02	2.48	10.15	75.57 %
C33 - Stage 4	72.02	2.48	10.15	75.57 %
C34 - Stage 4	54.93	2.78	11.52	75.87 %
C35 - Stage 4	69.98	2.80	12.02	76.71 %
C36 - Stage 4	52.67	3.26	15.34	78.75 %
C37 - Stage 4	52.67	3.34	19.46	82.84 %
C38 - Stage 4	71.27	3.23	14.80	78.18 %
C39 - Stage 4	71.84	2.85	12.14	76.52 %
C40 - Stage 4	72.02	2.92	13.25	77.96 %
C43 - Stage 4	54.93	3.35	14.40	76.74 %
C44 - Stage 4	69.98	3.26	15.13	78.45 %
C45 - Stage 4	52.67	3.46	20.26	82.92 %
C41 - Stage 4	72.02	2.92	13.25	77.96 %
C42 - Stage 4	72.02	2.92	13.25	77.96 %
Totals:	3153.85	130.89	579.60	
Average DER = 2.89 $kgCO_2/m^2$	**% DER/TER**	PASS		
Average TER = 12.72 $kgCO_2/m^2$	77.24 %			

Block Compliance Report - DFEE

Block Reference: Block C	**Block Name:**

Block Compliance

Property-Assessment Reference	Floor area (m^2)	DFEE ($kWh/m^2/yr$)	TFEE ($kWh/m^2/yr$)	% DFEE/TFEE
C01 - Stage 4	78.37	40.62	48.88	16.90 %
C08 - Stage 4	78.37	42.88	50.11	14.42 %
C02 - Stage 4	97.95	36.35	40.07	9.29 %
C03 - Stage 4	97.95	31.11	34.03	8.59 %
C04 - Stage 4	97.95	31.11	34.03	8.59 %
C05 - Stage 4	97.95	31.11	34.03	8.59 %
C06 - Stage 4	97.95	33.92	36.89	8.06 %
C07 - Stage 4	94.75	40.64	44.51	8.69 %
C09 - Stage 4	54.93	31.65	33.55	5.64 %
C16 - Stage 4	54.93	18.33	18.54	1.15 %
C10 - Stage 4	52.67	27.18	31.91	14.84 %
C18 - Stage 4	52.67	30.57	35.72	14.44 %
C11 - Stage 4	71.27	28.11	30.57	8.03 %
C12 - Stage 4	71.84	20.90	22.53	7.23 %
C13 - Stage 4	72.02	21.71	23.07	5.90 %
C14 - Stage 4	72.02	21.71	23.07	5.90 %
C15 - Stage 4	72.02	21.71	23.07	5.90 %
C17 - Stage 4	69.98	29.24	32.09	8.88 %
C19 - Stage 4	52.67	27.18	31.91	14.84 %
C20 - Stage 4	71.27	24.85	26.26	5.38 %
C21 - Stage 4	71.84	17.44	18.05	3.37 %
C22 - Stage 4	72.02	18.31	18.71	2.12 %
C23 - Stage 4	72.02	18.31	18.71	2.12 %
C24 - Stage 4	72.02	18.31	18.71	2.12 %
C25 - Stage 4	54.93	17.72	17.95	1.25 %
C26 - Stage 4	69.98	25.67	27.42	6.40 %

Block Compliance

C27 - Stage 4	52.67	30.57	35.72	14.44 %
C28 - Stage 4	52.67	27.18	31.91	14.84 %
C29 - Stage 4	71.27	24.85	26.26	5.38 %
C30 - Stage 4	71.84	17.44	18.05	3.37 %
C31 - Stage 4	72.02	18.31	18.71	2.12 %
C32 - Stage 4	72.02	18.31	18.71	2.12 %
C33 - Stage 4	72.02	18.31	18.71	2.12 %
C34 - Stage 4	54.93	17.72	17.95	1.25 %
C35 - Stage 4	69.98	25.67	27.42	6.40 %
C36 - Stage 4	52.67	30.57	35.72	14.44 %
C37 - Stage 4	52.67	30.94	54.28	43.00 %
C38 - Stage 4	71.27	35.12	40.51	13.29 %
C39 - Stage 4	71.84	28.44	30.84	7.78 %
C40 - Stage 4	72.02	28.87	32.85	12.11 %
C43 - Stage 4	54.93	30.56	31.18	1.98 %
C44 - Stage 4	69.98	34.52	41.41	16.64 %
C45 - Stage 4	52.67	34.15	58.09	41.21 %
C41 - Stage 4	72.02	28.87	32.85	12.11 %
C42 - Stage 4	72.02	28.87	32.85	12.11 %
Totals:	3153.85	1215.87	1378.38	
Average DFEE = 27.37 kWh/m²/yr	**% DFEE/TFEE**	PASS		
Average TFEE = 30.77 kWh/m²/yr	11.04 %			

Block Compliance Report - DPER

Block Reference: Block C	**Block Name:**			
Property-Assessment Reference	**Floor area (m^2)**	**DPER ($kWh/m^2/yr$)**	**TPER ($kWh/m^2/yr$)**	**% DPER/TPER**
C01 - Stage 4	78.37	36.46	86.92	58.05 %

C08 - Stage 4	78.37	37.61	88.48	57.49 %
C02 - Stage 4	97.95	32.73	70.10	53.31 %
C03 - Stage 4	97.95	30.04	63.49	52.69 %
C04 - Stage 4	97.95	30.04	63.49	52.69 %
C05 - Stage 4	97.95	30.04	63.49	52.69 %
C06 - Stage 4	97.95	31.48	66.87	52.92 %
C07 - Stage 4	94.75	35.18	76.27	53.87 %
C09 - Stage 4	54.93	35.49	79.43	55.32 %
C16 - Stage 4	54.93	30.11	62.69	51.97 %
C10 - Stage 4	52.67	33.55	78.41	57.21 %
C18 - Stage 4	52.67	34.76	82.65	57.94 %
C11 - Stage 4	71.27	30.49	67.28	54.68 %
C12 - Stage 4	71.84	26.81	55.35	51.56 %
C13 - Stage 4	72.02	27.76	59.36	53.23 %
C14 - Stage 4	72.02	27.76	59.36	53.23 %
C15 - Stage 4	72.02	27.76	59.36	53.23 %
C17 - Stage 4	69.98	31.53	69.86	54.87 %
C19 - Stage 4	52.67	33.55	78.41	57.21 %
C20 - Stage 4	71.27	29.05	62.19	53.29 %
C21 - Stage 4	71.84	25.69	50.25	48.88 %
C22 - Stage 4	72.02	26.62	54.37	51.04 %
C23 - Stage 4	72.02	26.62	54.37	51.04 %
C24 - Stage 4	72.02	26.62	54.37	51.04 %
C25 - Stage 4	54.93	29.94	62.05	51.75 %
C26 - Stage 4	69.98	29.86	64.34	53.59 %
C27 - Stage 4	52.67	34.76	82.65	57.94 %
C28 - Stage 4	52.67	33.55	78.41	57.21 %
C29 - Stage 4	71.27	29.05	62.19	53.29 %

Block Compliance

C30 - Stage 4	71.84	25.69	50.25	48.88 %
C31 - Stage 4	72.02	26.62	54.37	51.04 %
C32 - Stage 4	72.02	26.62	54.37	51.04 %
C33 - Stage 4	72.02	26.62	54.37	51.04 %
C34 - Stage 4	54.93	29.94	62.05	51.75 %
C35 - Stage 4	69.98	29.86	64.34	53.59 %
C36 - Stage 4	52.67	34.76	82.65	57.94 %
C37 - Stage 4	52.67	35.54	104.81	66.09 %
C38 - Stage 4	71.27	34.16	79.26	56.90 %
C39 - Stage 4	71.84	30.30	65.19	53.52 %
C40 - Stage 4	72.02	31.08	71.05	56.26 %
C43 - Stage 4	54.93	35.62	77.55	54.07 %
C44 - Stage 4	69.98	34.59	81.09	57.34 %
C45 - Stage 4	52.67	36.82	109.14	66.26 %
C41 - Stage 4	72.02	31.08	71.05	56.26 %
C42 - Stage 4	72.02	31.08	71.05	56.26 %
Totals:	3153.85	1395.29	3109.05	
Average DPER = 30.84 kWh/m²/yr	**% DPER/TPER**	PASS		
Average TPER = 68.19 kWh/m²/yr	54.77 %			

Block Compliance

Block Reference	Block D	**Issued on Date**	18/06/2026
Block Name			
Calculation Type	New Build (As Designed)	**SAP Version**	10.2
Assessor Details	Mr. Jean Dib	**Assessor ID**	DX04-0001
Client	C Field Construction, C Field Construction, Tower Bridge Business Centre,, 46-48 East Smithfield, London, E1W 1AW		

Block Compliance Report - DER

Block Reference: Block D	**Block Name:**			
Property-Assessment Reference	**Floor area (m^2)**	**DER ($kgCO_2/m^2$)**	**TER ($kgCO_2/m^2$)**	**% DER/TER**
D1_01 - Stage 4	135.13	0.56	10.72	94.78 %
D1_02 - Stage 4	135.13	0.22	9.34	97.64 %
D1_03 - Stage 4	135.13	0.22	9.34	97.64 %
D1_04 - Stage 4	135.13	0.27	9.47	97.15 %
D1_05 - Stage 4	135.68	1.21	11.28	89.27 %
D2_01 - Stage 4	137.25	0.93	10.73	91.33 %
D2_02 - Stage 4	137.25	0.93	10.73	91.33 %
Totals:	950.70	4.34	71.61	
Average DER = 0.62 $kgCO_2/m^2$	**% DER/TER**	PASS		
Average TER = 10.23 $kgCO_2/m^2$	93.92 %			

Block Compliance Report - DFEE

Block Reference: Block D	**Block Name:**			
Property-Assessment Reference	**Floor area (m^2)**	**DFEE ($kWh/m^2/yr$)**	**TFEE ($kWh/m^2/yr$)**	**% DFEE/TFEE**
D1_01 - Stage 4	135.13	38.76	41.11	5.73 %
D1_02 - Stage 4	135.13	32.54	34.79	6.46 %
D1_03 - Stage 4	135.13	32.54	34.79	6.46 %
D1_04 - Stage 4	135.13	33.57	35.38	5.12 %
D1_05 - Stage 4	135.68	39.14	43.87	10.77 %
D2_01 - Stage 4	137.25	39.35	41.26	4.64 %
D2_02 - Stage 4	137.25	39.35	41.26	4.64 %
Totals:	950.70	255.25	272.47	

Block Compliance

Average DFEE = 36.48 kWh/m²/yr	% DFEE/TFEE	PASS
Average TFEE = 38.94 kWh/m²/yr	6.32 %	

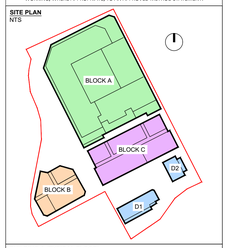
Block Compliance Report - DPER

Block Reference: Block D	Block Name:			
Property-Assessment Reference	**Floor area (m^2)**	**DPER ($kWh/m^2/yr$)**	**TPER ($kWh/m^2/yr$)**	**% DPER/TPER**
D1_01 - Stage 4	135.13	14.84	56.06	73.53 %
D1_02 - Stage 4	135.13	11.34	48.65	76.69 %
D1_03 - Stage 4	135.13	11.34	48.65	76.69 %
D1_04 - Stage 4	135.13	11.87	49.35	75.95 %
D1_05 - Stage 4	135.68	18.64	59.08	68.45 %
D2_01 - Stage 4	137.25	17.20	56.18	69.38 %
D2_02 - Stage 4	137.25	17.20	56.18	69.38 %
Totals:	950.70	102.43	374.15	
Average DPER = 14.65 kWh/m²/yr	**% DPER/TPER**	PASS		
Average TPER = 53.47 kWh/m²/yr	72.61 %			

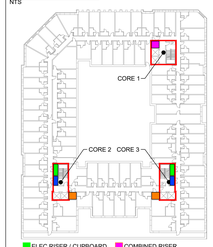
Appendix D – Proposed Plant Room Schematics

SAFETY, HEALTH & ENVIRONMENTAL INFORMATION
IT IS ASSUMED THAT ALL WORKS WILL BE CARRIED OUT BY A COMPETENT CONTRACTOR WORKING, WHERE APPROPRIATE, TO AN APPROVED METHOD STATEMENT.

SITE PLAN
NTS



BUILDING A (TYPICAL FLOOR)
NTS



General Notes:
This drawing is to be read in conjunction with all other mechanical and electrical, architectural and structural drawings and specifications for this project - see below for directly related drawings.

1. All plant to be installed in accordance with manufacturers literature.
2. Refer to schematic drawings for future pipework and valve arrangements.
3. For plant room schematic refer to drawing
4. All equipment to be installed in accordance with manufacturer
5. Domestic water services shall be installed with water supply (water fittings) regulations 1999
6. Pipework to be concealed in ceiling voids wherever possible with drops to low level boxed in.
7. All exposed pipework to be boxed in by main contractor
8. Where hot & cold water pipes are fed horizontally one above another the cold pipe shall be the lowest pipe.
9. Hot & cold water pipework in rear to be arranged to accommodate expansion and movement.
10. Pressure reducing valves shall be WRAS approved & suitable for domestic hot & cold water temperature & pressure
11. All domestic hot & cold water services to be tested disinfected and commissioned in accordance with BSEN 806, HSC ACOP/L8, the water regulations & the requirements of the local water company. All DCV's to be combined DCV & IV.
12. Hot water services pipework in the riser to be arranged & supported to allow F&R thermal expansion & movement.

Key

DOMESTIC PIPEWORK
- DOMESTIC BOOSTED COLD WATER PIPEWORK
- DOMESTIC HOT WATER FLOW PIPEWORK
- DOMESTIC HOT WATER RETURN PIPEWORK

SPACE HEATING
- LTHW FLOW PIPEWORK
- LTHW RETURN PIPEWORK

SPACE COOLING
- CHILLED WATER FLOW PIPEWORK
- CHILLED WATER RETURN PIPEWORK

PIPEWORK LINETYPES
- LOW LEVEL / SURFACE
- HIGH LEVEL
- CEILING VOID
- BELOW FLOOR

Lift Lobby
A.024
St.
2.8 m²
Evacuation Lift
Passenger Lift
PIPEWORK TO FEED BUILDING
PIPEWORK FROM ASHP LOCATED ON ROOF
GROUND FLOOR CATS TANK
CENTALISED GROUND FLOOR AIR HANDLING UNIT FIXED TO CEILING
CHILLED WATER SIDESTREAM FILTRATION UNIT
SIDESTREAM FILTER
COLD WATER STORAGE TANK
WATER CONDITIONER AT LOW LEVEL
BOWS RISING TO HIGH LEVEL FOR HOT WATER SUPPLY & SERVING BUILDING
HOT WATER RETURN PUMP WITH SPARE
MECHANICAL CONTROL PANEL
MANWAY
A.021
PBSA Plant
156.0 m²
BOOSTER SET
BOWS DROPPING TO LOW LEVEL FOR HOT WATER PACKAGED PLANT
PACKAGED PLANT EXPANSION VESSEL
HOT WATER FEED FOR BUILDING RISING OFF TOP OF CYLINDER TO HIGH LEVEL
HOT WATER CYLINDER
CHILLED WATER PRESSURIZATION UNIT
2000L CHILLED WATER BUFFER VESSEL
300L CHILLED EXP. VESSEL
CHILLED WATER EXPANSION VESSEL
CHILLED WATER BUFFER VESSEL
FLOOR MOUNTED LTHW TWIN HEAD VARIABLE SPEED PUMPS FOR PRIMARY ASHP CIRCUIT P01 / P02
SPOOL PIECE FOR FUTURE CONNECTION OF DHN
LTHW PIPEWORK DROPPING TO LOW LEVEL HEADER FOR VERTICAL MOUNTED PUMPS
2000L LTHW BUFFER VESSEL
2000L LTHW BUFFER VESSEL
600L LTHW EXPANSION VESSEL
600L LTHW EXPANSION VESSEL
VERTICAL LTHW TWIN HEAD VARIABLE SPEED PUMPS FOR VT CIRCUIT P03 / P04
VERTICAL LTHW TWIN HEAD VARIABLE SPEED PUMPS FOR VT CIRCUIT P05 / P06
VERTICAL LTHW TWIN HEAD VARIABLE SPEED PUMPS FOR CT CIRCUIT P07 / P08
LTHW 2000L BUFFER VESSEL
SPOOL PIECE FOR FUTURE CONNECTION OF DHN
2x 600L LTHW EXPANSION VESSELS LINKED TO RETURN CIRCUIT
LTHW FLOOR MOUNTED PRESSURISATION UNIT
A.019
PBSA Generator Room
21.2 m²
A.020
PBSA Life Safety
5.4 m²
FUTURE DISTRICT HEATING PLANT SPACE
SPOOL PIECE FOR FUTURE CONNECTION OF DHN
INCOMING DUCTWORK FOR FUTURE DISTRICT HEATING NETWORK CONNECTION. DUCTWORK BY OTHERS
BOWS DROPPING TO LOW LEVEL FOR HOT WATER PACKAGED PLANT
PACKAGED PLANT EXPANSION VESSEL
HOT WATER FEED FOR BUILDING RISING OFF TOP OF CYLINDER TO HIGH LEVEL
HOT WATER CYLINDER
BOWS DROPPING TO LOW LEVEL FOR HOT WATER PACKAGED PLANT
PACKAGED PLANT EXPANSION VESSEL
HOT WATER FEED FOR BUILDING RISING OFF TOP OF CYLINDER TO HIGH LEVEL
HOT WATER CYLINDER

SCALE: 1:20 @ A0
0 0.5 1 2 3 4 5

4 5 6 7

REV	DESCRIPTION	BY/CHK'D	DATE
P01	ISSUED FOR DISCUSSION	DP/BT	28/05/26

SUITABILITY STATUS
PRELIMINARY ISSUE

ProMEP
info@promep.co.uk
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CLIENT
C-FIELD CONSTRUCTION LIMITED

PROJECT
LORDSHIP LANE
707-725 LORDSHIP LANE,
WOOD GREEN, LONDON,
N22 5JY

DRAWING TITLE
BLOCK A,
GROUND FLOOR
MECHANICAL SERVICES
MECHANICALPLANT ROOM LAYOUT

ProMEP NO.	DRAWN BY	CHECKED BY	DATE	SCALE
6162	DP	BT	MAY 26	1:20 @ A0

DOCUMENT NUMBER: 1189-PRO-B0A-00-DR-M-5100
REVISION: P01

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SCALE: 1:20 @ A0

0 0.5 1 2 3 4 5

5 6 7 8 9 10 11 12 13

C.017
Cycle Store
49.0 m²

C.016
Switch Room
18.0 m²

FUTURE DISTRICT HEATING PLANT SPACE

INSIDING DUCTWORK FOR FUTURE DISTRICT HEATING PLANT CONNECTION. DUCTWORK BY OTHERS

GROUND FLOOR CATS TRAP

LTHW PRESSURIZATION UNIT

LTHW NETWORK EXPANSION VESSELS

FLOOR MOUNTED LTHW TWIN HEAD VARIABLE SPEED RETURN PUMPS

FLOOR MOUNTED LTHW TWIN HEAD VARIABLE SPEED PUMPS DUTY/ASSIST/STANDBY

600L LTHW EXPANSION VESSEL

600L LTHW EXPANSION VESSEL

Lift

Riser

MECHANICAL CONTROL PANEL

10,622 LTR WATER TANK

MANWAY

C.009
Plant Room
17.8 m²

BOOSTED COLD WATER & SPRINKLER PUMPSET

WATER SUTTNER

SPRINKLER SUPPLY BRANCHING OFF BOOSTED COLD WATER WITH ISOLATION VALVE SIDE

C.011
Tank Room
95.4 m²

LTHW RETURN FROM ASHP ON ROOF

RISER IN BUILDING

Riser

LTHW NETWORK TO BLOCKS B & D

2000L LTHW BUFFER VESSEL

2000L LTHW BUFFER VESSEL

2000L LTHW BUFFER VESSEL

2000L LTHW BUFFER VESSEL

LTHW BUFFER VESSEL

LTHW BUFFER VESSEL

LTHW BUFFER VESSEL

LTHW BUFFER VESSEL

MAINS INCOMING WATER

BOOS & SPRINKLER SUPPLIES DROPPING TO BELOW GROUND FOR BUILDING B

BOOS & SPRINKLER SUPPLIES DROPPING TO BELOW GROUND FOR BLOCK D

C.005
Refuse & Recycling
68.7 m²

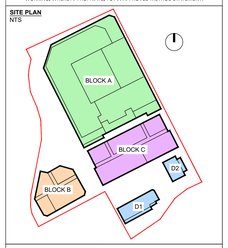
C.004
Cycle Store
66.4 m²

Lobby

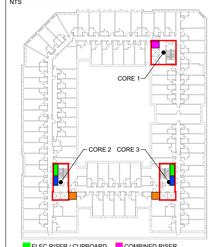
Entrance Lobby

SAFETY, HEALTH & ENVIRONMENTAL INFORMATION
IT IS ASSUMED THAT ALL WORKS WILL BE CARRIED OUT BY A COMPETENT CONTRACTOR WORKING, WHERE APPROPRIATE, TO AN APPROVED METHOD STATEMENT.

SITE PLAN
NTS



BUILDING A (TYPICAL FLOOR)
NTS



General Notes:
This drawing is to be read in conjunction with all other mechanical and electrical, architectural and structural drawings and specifications for this project - see below for directly related drawings.

1. All plant to be installed in accordance with manufacturers literature.
2. Refer to schematic drawings for future pipework and valve arrangements.
3. For plant room schematic refer to drawing
4. All equipment to be installed in accordance with manufacturer
5. Domestic water services shall be installed with water supply (water fittings) regulations 1999
6. Pipework to be concealed in ceiling voids wherever possible with drops to low level boxed in.
7. All exposed pipework to be boxed in by main contractor
8. Where hot & cold water pipes are fed horizontally one above another the cold pipe shall be the lowest pipe.
9. Hot & cold water pipework in rear to be arranged to accommodate expansion and movement.
10. Pressure reducing valves shall be WRAS approved & suitable for domestic hot & cold water temperature & pressure
11. All domestic hot & cold water services to be tested disinfected and commissioned in accordance with BSEN 806, HSC ACOPL8, the water regulations & the requirements of the local water company. All DCV's to be combined DCV & IV.
12. Hot water services pipework in the riser to be arranged & supported to allow F&R thermal expansion & movement.

Key

DOMESTIC PIPEWORK
- DOMESTIC BOOSTED COLD WATER PIPEWORK
- DOMESTIC HOT WATER FLOW PIPEWORK
- DOMESTIC HOT WATER RETURN PIPEWORK

SPACE HEATING
- LTHW FLOW PIPEWORK
- LTHW RETURN PIPEWORK

SPACE COOLING
- CHILLED WATER FLOW PIPEWORK
- CHILLED WATER RETURN PIPEWORK

PIPEWORK LINETYPES
- LOW LEVEL / SURFACE
- HIGH LEVEL
- CEILING VOID
- BELOW FLOOR

REV	DESCRIPTION	BY/CHK'D	DATE
P01	ISSUED FOR DISCUSSION	DP/BT	28/05/26

SUITABILITY STATUS
PRELIMINARY ISSUE

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info@promep.co.uk
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CLIENT
C-FIELD CONSTRUCTION LIMITED

PROJECT
LORDSHIP LANE
707-725 LORDSHIP LANE,
WOOD GREEN, LONDON,
N22 5JY

DRAWING TITLE
BLOCK C,
GROUND FLOOR
MECHANICAL SERVICES
MECHANICALPLANT ROOM LAYOUT

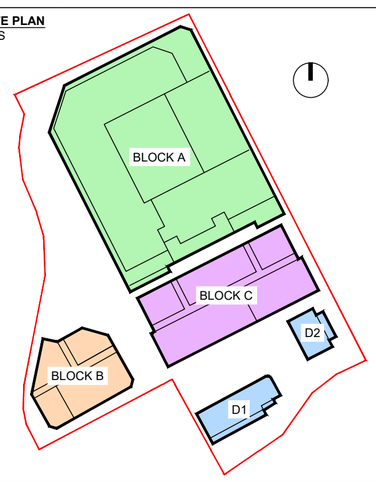
ProMEP NO:	DRAWN BY:	CHECKED BY:	DATE:	SCALE:
6162	DP	BT	MAY 26	1:30 @ A0

DOCUMENT NUMBER: 1190-PRO-B0C-00-DR-M-5100
REVISION: P01

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SITE PLAN
NTS



LEGEND

Utilities From GPR Survey
- G(B*) Gas Pipes
- W(B*) Water pipes

Utilities From Utility Provider's Records
- G GAS (LOW PRESSURE)
- W WATER
- DHN DISTRICT HEATING NETWORK

PROPOSED NEW SERVICES ROUTING
- G GAS PIPE (LOW PRESSURE)
- W POTABLE WATER PIPE
- DHN DISTRICT HEATING NETWORK
- LHN LOCAL HEAT NETWORK
- BCWS BOOSTED COLD WATER SERVICE
- SP BS9251 SPRINKLER PIPEWORK MAIN

NOTE: FOUL DRAINAGE & SURFACE WATER DRAINAGE ARE NOT INCLUDED ON THIS PLAN - REFER TO THE CIVIL ENGINEER'S DOCUMENTATION FOR INFORMATION

SITE BOUNDARY
- SITE BOUNDARY - TITLE SEARCH
- SITE BOUNDARY - HIGHWAYS SEARCH

RDSHIP LANE

FOOTPATH BELIEVED TO BE ADOPTED HIGHWAY

4No GAS SERVICE FUTURE ROUTES RISES EXTERNALLY TO ENTER THE BUILDING AT LOW LEVEL TO RUN TO INTERNALLY LOCATED METER (GAS SERVICE PROVISION T.B.C.)

SITE BOUNDARY

SERVICE PROVISIONS FOR THE FUTURE NON-RESIDENTIAL AREAS (EACH WITH): WATER PIPE (CAPPED AT BOTH ENDS). EACH ROUTED TO THE SITE BOUNDARY AND CAPPED TO PREVENT RODENT AND WATER INGRESS.

63MM PURITAN BARRIER PIPE FOR MCWS SERVING BUILDING B FROM BUILDING C VIA UNDERGROUND PIPEWORK, ENTERS BUILDINGS VIA SLOW RADIUS BEND DUCTS TO RISE INSIDE THE BUILDINGS AT EACH END. UTILITY PROVIDERS METERS TO EACH DWELLING PLUS LANDLORD WITHIN BUILDING B. BULK METER TO BE FITTED AT THE STORAGE TANK TAKE OFF IN BUILDING C.

63MM PURITAN BARRIER PIPE FOR BS9251 SPRINKLER MAIN SERVING BUILDING B FROM BUILDING C VIA UNDERGROUND PIPEWORK, ENTER BUILDINGS VIA SLOW RADIUS BEND DUCTS TO RISE INSIDE THE BUILDINGS AT EACH END.

TWIN 40MM UPONOR ECOFLEX FOR LOCAL HEAT NETWORK (LHN) SUPPLY TO BUILDING B RISES VIA SLOW RADIUS BEND PIPES

DISTRICT HEAT UTILITY POINT OF CONNECTION TO EXTEND ALONG PUBLIC HIGHWAY

125MM PURITAN BARRIER PIPE FOR THE MCWS TO THE PBSA (BUILDING A) ENTERS VIA SLOW RADIUS BEND DUCT TO RISE INSIDE THE BUILDING, WITH STOP VALVE, DOUBLE-CHECK VALVE, DRAIN VALVE AND STRAINER - SEE DETAIL

SPACE ALLOWANCE FOR FUTURE DISTRICT HEATING NETWORK EQUIPMENT TO BE INSTALLED. FOR PBSA

SPACE ALLOWANCE FOR FUTURE DISTRICT HEATING NETWORK EQUIPMENT TO BE INSTALLED FOR RESIDENTIAL BLOCKS (BLOCK B,C & D)

LOCAL HEAT NETWORK (LHN) TO BUILDING B & THE TOWNHOUSES (BUILDING D COLLECTIVE) TOGETHER WITH THE BOOSTED COLD WATER (BCWS) & BS9251 SPRINKLER SUPPLIES FOR BUILDING D DROP TO BELOW GROUND VIA 1200mm x 1000mm WIDE x 1000mm DEEP FLOOR PIT. WITH ACCESSIBLE COVER (50 REBATE) AND SUMP FOR SUMP PUMP IN BASE

LOCAL HEAT NETWORK (LHN), BOOSTED COLD WATER SERVICE (BCWS) AND BS9251 SPRINKLER SUPPLIES TO THE TOWNHOUSES (BUILDING D COLLECTIVE) RISE IN UTILITY CUPBOARD WITHIN EACH BUILDING VIA SLOW RADIUS BEND. FINAL LOCATIONS AND ARRANGEMENT TO BE COORDINATED WITH THE UTILITY CUPBOARD LAYOUT & DRAINAGE.

DISTRICT HEATING NETWORK WITH ASSOCIATED COMMS DUCT (BY OTHERS)

TWIN 40MM UPONOR ECOFLEX FOR LOCAL HEAT NETWORK (LHN) SUPPLY TO BUILDINGS B AND D VIA SLOW RADIUS BEND PIPES

90MM PURITAN BARREIR PIPE FOR INCOMING MCWS SERVING BUILDING C. ENTERS VIA SLOW RADIUS BEND DUCT TO RISE INSIDE THE BUILDING FOR UTILITY PROVIDERS METERS TO EACH DWELLING PLUS LANDLORD

POINT OF CONNECTION TO DISTRICT HEAT NETWORK UTILITY (VALVE PIT) (BY OTHERS)

DISTRICT HEATING NETWORK WITH ASSOCIATED COMMS DUCT SERVING BUILDINGS A & C (BY OTHERS)

DISTRICT HEATING NETWORK WITH ASSOCIATED COMMS DUCT (BY OTHERS)

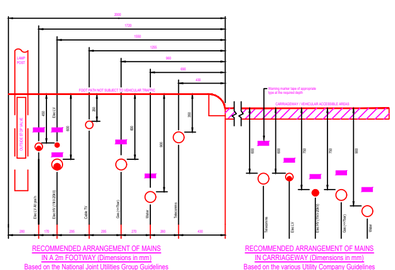
NEW 90MM & 125MM PURITAN BARRIER PIPE FOR INCOMING MCWS SERVICES FROM THE SITE BOUNDARY, ROUTED 900 BELOW GROUND TO RISE IN THE ASSOCIATED BUILDING. MCWS TO THE PBSA (BUILDING A) & BUILDING C TO BE FITTED WITH A METER LOCATED AT THE SITE BOUNDARY (BUILDING A METER COMPLETE WITH BMS CONNECTION)

COMMON TWIN 40MM UPONOR ECOFLEX FOR LOCAL HEAT NETWORK (LHN) SUPPLY TO BUILDINGS D AND THEN TEE'ING OFF IN TWIN 25MM UPONOR ENTERING INTO EACH DWELLING VIA SLOW RADIUS BEND PIPES

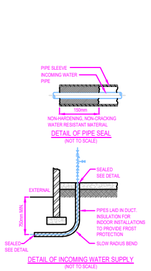
63MM PURITAN BARRIER PIPE FOR BUILDING D BCWS SERVICE FROM THE PLANTROOM IN BUILDING C, ROUTED 900MM BELOW GROUND TO SERVE THE TOWNHOUSES (BUILDING D COLLECTIVE), TERMINATES AT WASH-OUT HYDRANT.
63MM PIPE TEE'S AND REDUCES TO 25MM PURTIAN BARRIER PIPE WHICH FEEDS INDIVIDUAL WATER METERS AT THE PROPERTY BOUNDARIES,AND THEN ROUTES THROUGH DUCTS AND INTO THE INDIVIDUAL HOUSES

3m Easement to Culverted Watercourse

Building A
Building B
Building C
Building D


RECOMMENDED ARRANGEMENT OF MAINS IN A 2m FOOTWAY (Dimensions in mm) Based on the National Joint Utilities Group Guidelines

RECOMMENDED ARRANGEMENT OF MAINS IN CARRIAGEWAY (Dimensions in mm) Based on the various Utility Company Guidelines



SCALE: 1:200 @ A0

0 5m 10m 20m 30m 40m 50m

REV	DESCRIPTION	BY/CHKD	DATE
P02	DISTRICT HEATING FUTURE PROOF ZONES SHOWN	DP/BT	11/06/26
P01	ISSUED FOR DISCUSSION	DP/BT	16/03/26

SUITABILITY STATUS
PRELIMINARY ISSUE

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C-FIELD CONSTRUCTION LIMITED

PROJECT
LORDSHIP LANE
707-725 LORDSHIP LANE,
WOOD GREEN, LONDON,
N22 5JY

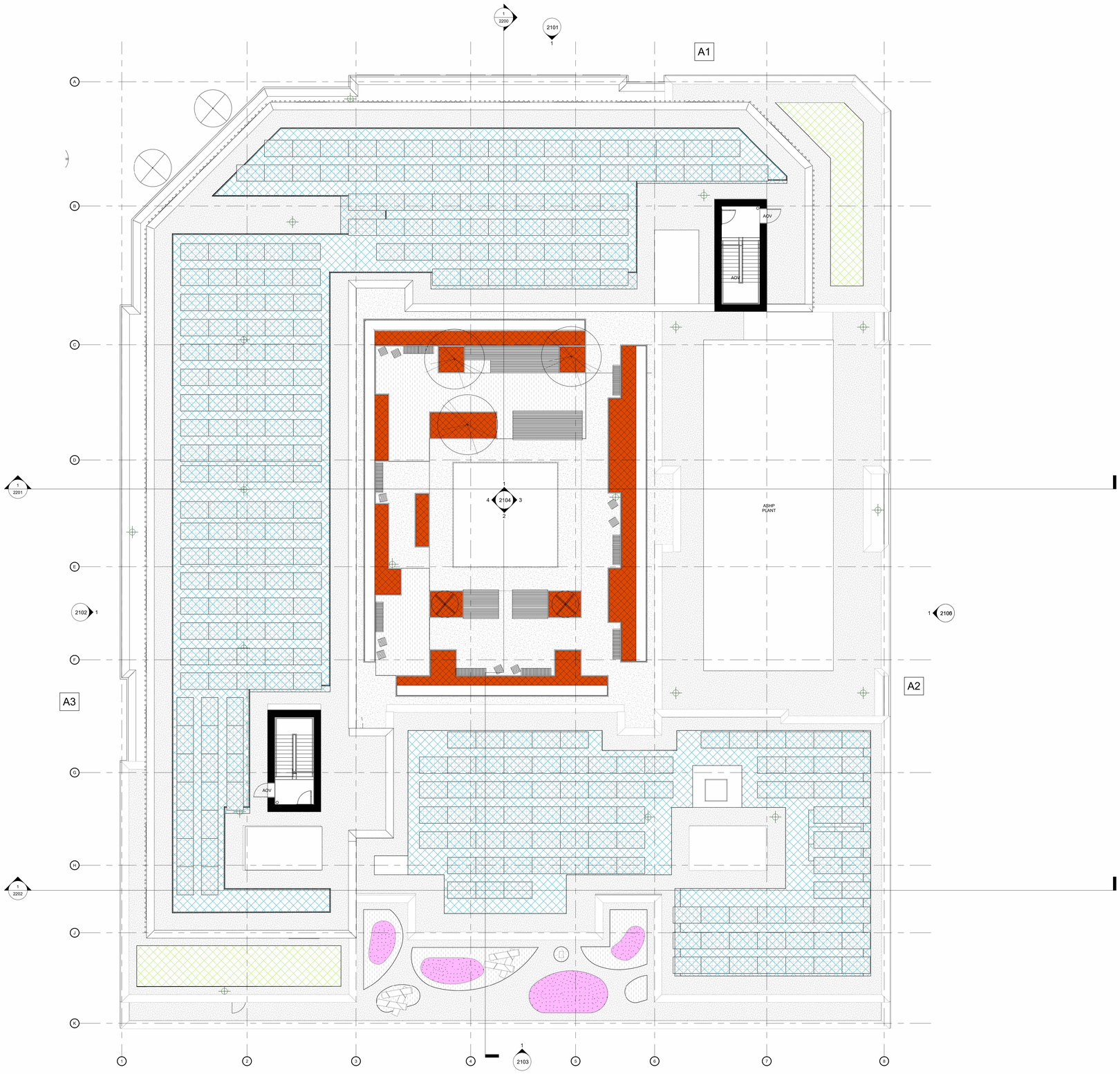
DRAWING TITLE
SITE WIDE,
EXTERNAL
MECHANICAL SERVICES
UNDERGROUND WATER SERVICES

ProMEP NO.	DRAWN BY	CHECKED BY	DATE	SCALE
6162	DP	BT	MAR 26	1:200 @ A1

DOCUMENT NUMBER: 1189-PRO-XX-XX-DR-ME-5000
REVISION: P02

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Appendix E – PV Array



1 GA - RF - Roof Level
1 : 100

Key Plan



Key

- Green Wildflower Roof
- BioSolar Roof
- Gravel Roof

TO BE READ IN CONJUNCTION WITH M&E DRAWINGS, FIRE REPORT AND ACCESS & MAINTENANCE STRATEGY. FOR FURTHER INFORMATION ON ROOF FINISHES PLEASE REFER TO LANDSCAPE ARCHITECTS DRAWINGS.

NORTH

0 1.0 2.0 3.0 4.0 5.0 10.0m

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Rev.	Description	Date	Drw.	Chk.
C-00	Initial Issue for Construction	06.02.2026	SP	RJH

Client:
TRI 7 (& Fusion)

Project:
Lordship Lane, Wood Green, London

Drawing Title:
Block A - General Arrangement Plan - Roof Level

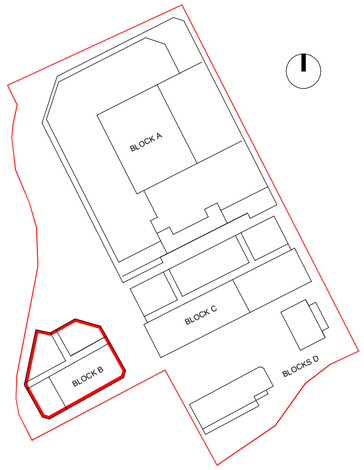
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CONSTRUCTION

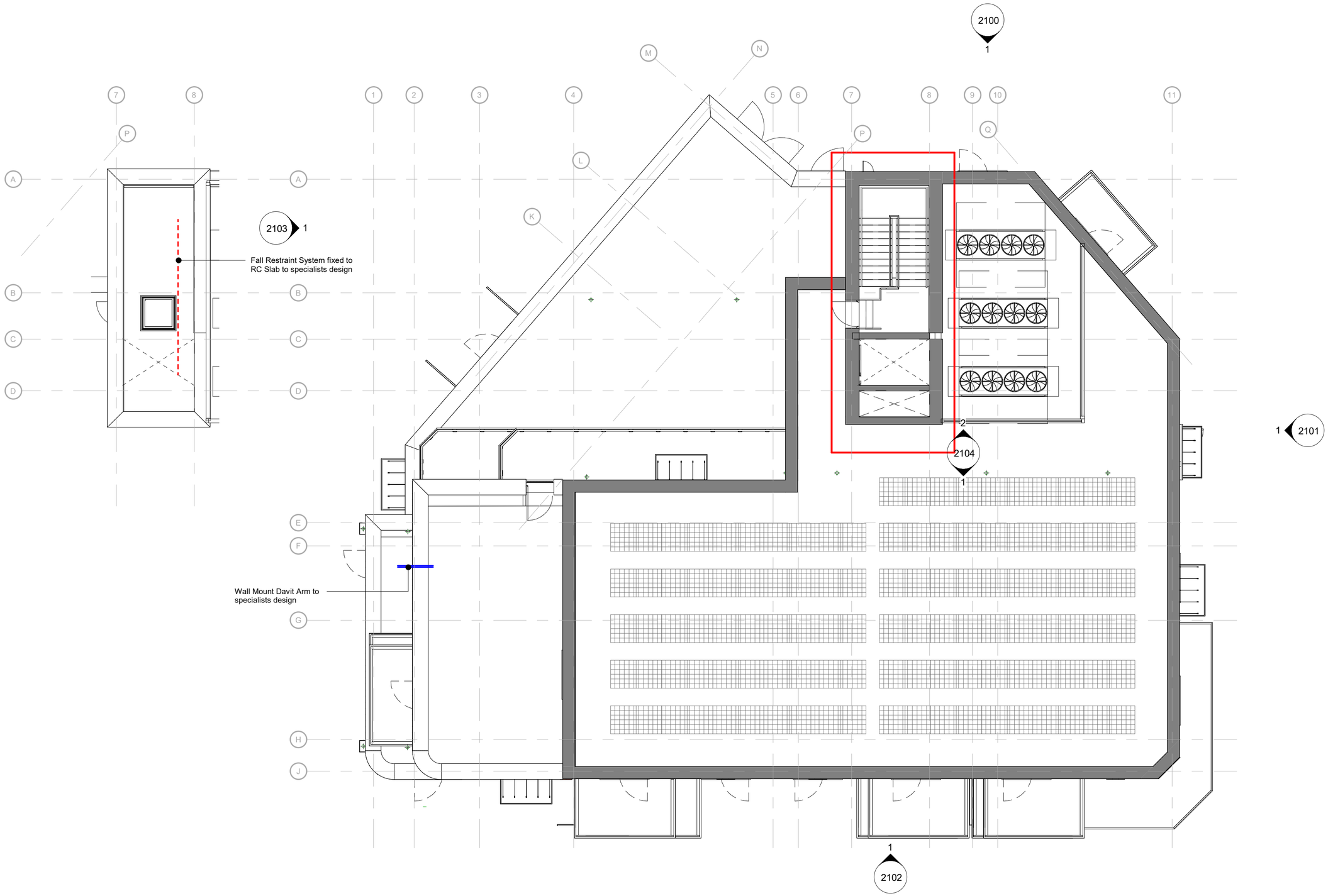
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01384 909 850
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Drawing No.: 1199-CWA-B0A-RF-DR-A-2010
Revision: C-00

Project No.	Drawn	Checked	Size	Scale	Date
21820	MLJ	RJH	A0	1 : 100	05/30/24

BB Key Plan





NORTH

0 1.0 2.0 3.0 4.0 5.0 10.0m

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Rev.	Description	Date	Drw.	Chk.
C-00	First Issue for Construction	09.02.2026	BEA	RJH

Client:
TRI 7 (& Fusion)

Project:
Lordship Lane, Wood Green, London

Drawing Title:
Block B - General Arrangement Plan - Roof Level

Drawing Status:
CONSTRUCTION

Corstorphine & Wright

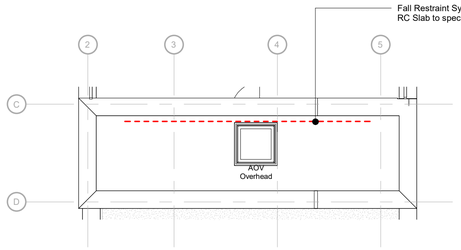
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The Old Library, Hagley Road, Stourbridge, West Midlands, DY8 1QH
01384 909 850

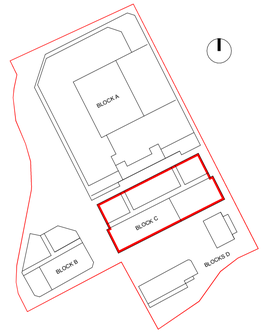
corstorphine-wright.com

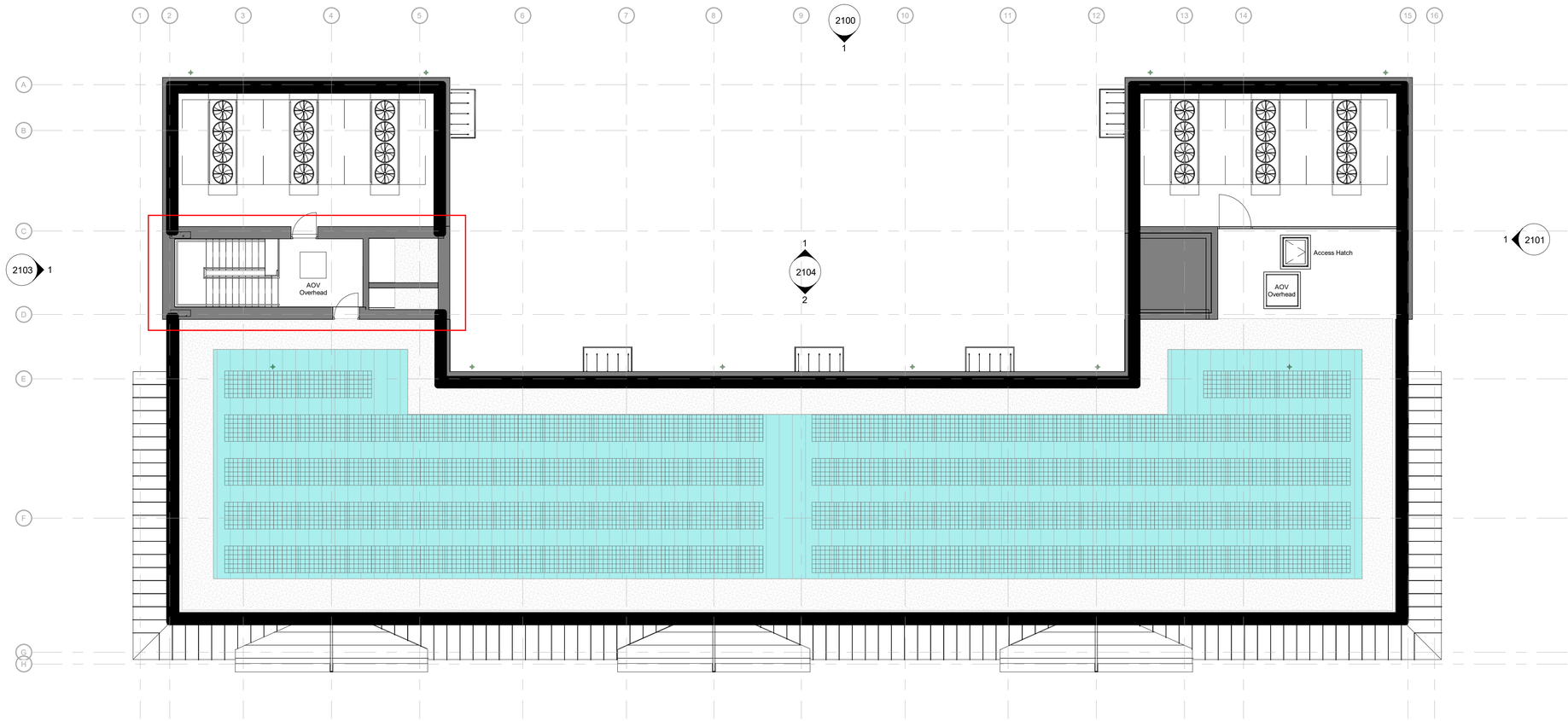
BIM Design and Construction KITEMARK™

Drawing No.	Revision
1190-CWA-B0B-RF-DR-A-2006	C-00

Project No.	Drawn	Checked	Size	Scale	Date
21820	SP	RJH	A2	1 : 100	NOV 2025







1
2102

NORTH

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Rev.	Description	Date	Drw.	Chk.
C-00	First Issue for Construction	06.02.2026	BEA	RJH

Client:
TRI 7 (& Fusion)

Project:
Lordship Lane, Wood Green, London

Drawing Title:
Block C - General Arrangement Plan - Roof Level

Drawing Status:
CONSTRUCTION

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Drawing No.: 1190-CWA-B0C-RF-DR-A-2006
Revision: C-00

Project No.	Drawn	Checked	Size	Scale	Date
21820	SP	RJH	A1	1 : 100	NOV 2025





Block A - High Risk Building

Blocks B, C & D - Non - High Risk Buildings

NORTH

0 5.0 10.0 15.0 20.0 25.0 50.0m

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Rev.	Description	Date	Drw.	Chk.
C-00	Initial Issue for Construction	03.03.2026	SP	RJH

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- Proposed Site Boundary
- Culverted Water Course Centre Line
- Culverted Water Course Potential Extents

Client:
TRI 7 (& Fusion)

Project:
Lordship Lane, Wood Green, London

Drawing Title:
Proposed Site Plan - PBSA

Drawing Status:
CONSTRUCTION

Corstorphine & Wright

Stourbridge Studio
The Old Library, Hagley Road, Stourbridge, West Midlands, DY8 1QH
01384 909 850
corstorphine-wright.com

Drawing No.: 1189-CWA-SW-XX-DR-A-1000
Revision: C-00

Project No.	Drawn	Checked	Size	Scale		Date
21820	SP	RJH	A1	1:500	I	23.07.2024

Appendix F – ASHP System Efficiencies

6.4 Air Source Heat Pump Selection



Parameter	Selection
Qty	3
Type	Air Source Heat Pump – 2 Pipe
Model	Zeta Zero HP 22.6
Manufacturer	Swegon
Heating Refrigerant Capacity (kW)	227.6
COP / SCOP	3.11 / 3.22
Compressors / Circuits	2 / 6
Fan Qty	4
User Side Heat Exchanger	37.6 m3/h
Head Loss	30 kPa
Noise Level Sound Power	91 dB(A)
Noise Sound Pressure	59 dB(A)
Dimensions (LxDxH) (mm)	4952 x 1130 x 2405
Operating Weight (kg)	2352

Parameter	Selection
Qty	2
Type	Air Source Heat Pump – 4 Pipe
Model	Omicron Zero S4 22.6
Manufacturer	Swegon
Heating Refrigerant Capacity (kW)	227.6
COP / SCOP	3.11 / 3.22
Compressors / Circuits	2 / 6
Fan Qty	4
User Side Heat Exchanger	37.6 m3/h
Head Loss	30 kPa
Noise Level Sound Power	91 dB(A)
Noise Sound Pressure	59 dB(A)
Dimensions (LxDxH) (mm)	4952 x 1130 x 2405
Operating Weight (kg)	2352

4.3 Air Source Heat Pump Selection



Parameter	Selection
Qty	2
Type	Air Source Heat Pump – 4 Pipe
Model	Omicron Zero S4 22.6
Manufacturer	Swegon
Cooling Refrigerant Capacity (kW)	218.2
EER	2.7
Compressors / Circuits	2 / 6
Fan Qty	4
User Side Heat Exchanger	37.6 m3/h
Head Loss	30 kPa
Noise Level Sound Power	91 dB(A)
Noise Sound Pressure	59 dB(A)
Dimensions (LxDxH) (mm)	4952 x 1130 x 2405
Operating Weight (kg)	2352

6.4 Air Source Heat Pump Selection



Parameter	Selection
Qty	3
Type	Air Source Heat Pump – 2 Pipe
Model	Zeta Zero HP 22.6
Manufacturer	Swegon
Heating Refrigerant Capacity (kW)	227.6
COP / SCOP	3.11 / 3.22
Compressors / Circuits	2 / 6
Fan Qty	4
User Side Heat Exchanger	37.6 m3/h
Head Loss	30 kPa
Noise Level Sound Power	91 dB(A)
Noise Sound Pressure	59 dB(A)
Dimensions (LxDxH) (mm)	4952 x 1130 x 2405
Operating Weight (kg)	2352

Parameter	Selection
Qty	2
Type	Air Source Heat Pump – 4 Pipe
Model	Omicron Zero S4 22.6
Manufacturer	Swegon
Heating Refrigerant Capacity (kW)	227.6
COP / SCOP	3.11 / 3.22
Compressors / Circuits	2 / 6
Fan Qty	4
User Side Heat Exchanger	37.6 m3/h
Head Loss	30 kPa
Noise Level Sound Power	91 dB(A)
Noise Sound Pressure	59 dB(A)
Dimensions (LxDxH) (mm)	4952 x 1130 x 2405
Operating Weight (kg)	2352

Appendix G – Heat Network Cabinet Report – Delivery Update

Report for: Cabinet – 17 June 2025

Item number: 17

Title: Strategic Heat Energy Network Update on Delivery

Report authorised by: Barry Francis, Director of Environment and Resident Experience

Lead Officer: Joe Baker – Head of Carbon Management

Ward(s) affected: All

Report for Key/ Non Key Decision: Key decision

1. Describe the issue under consideration

1.1 The Council approved Outline Business Cases (OBCs) for strategic heat networks (formerly referred to as Decentralised Energy Networks (DENs)) in North Tottenham in 2017 and in Tottenham Hale and Wood Green in 2021. For the Tottenham Hale and Wood Green (TH/WG) strategic heat networks it was awarded £27.8m from the government's Heat Networks Investment Programme (HNIP) to enable delivery through a mix of £12.6m of grants and £15.2m in low interest loans.

1.2 The ambition expressed in the OBCs in 2021, was to deliver the projects through a wholly owned Council subsidiary. Under this model the Council would fulfil two roles:

- **The Sponsor for the project.** The Sponsor's role is to coordinate the project. The Sponsor does not deliver the project but has a key role in coordinating and shaping the project to create an opportunity.

- **Delivery and management role.** This would set up, finance, own and then manage the delivery vehicle for the implementation of the project. This delivery vehicle was an Energy Services Company (ESCO), which would have been wholly owned by the Council and operated at arms' length.

1.3 The total funding required for ESCO to deliver the TH/WG projects was estimated at around £80m. While this was to be part funded by the governments HNIP grants/loans and private developer contributions, the project relied on substantial finance from the Council to the ESCO which would have meant the Council borrowing around £50m.

1.4 Since the TH/WG OBC was approved, there have been wider changes in the macro-economy, which have impacted on the project economics. This review highlighted the cost of borrowing, increasing capital costs involved in the

development of a heat network of this nature, and a fluctuating energy market. Whilst the review suggested that the projects remain viable in some form, to continue in the manner set out in the OBCs would place the Council at risk, in view of its wider financial situation.

1.5 Given the impact that the macro-economy changes have had on the Council, the Council is no longer in a position to fund the project to the level previously agreed in the December 2021 Cabinet Paper “Decentralised Energy Networks (DEN) Outline Business Case (OBC).” The risks associated with this have been added to by delays in the development at High Road West (North Tottenham DEN approved in Cabinet Paper in 2017), which promoted connection to a strategic low carbon heat network. Which would have supported the strategic delivery.

1.6 The Council will now engage with the Government Funders (HNIP / Triple Point) to consider next steps.

2. Cabinet Member Introduction – Cllr Mike Hakata

2.1 The global economic landscape has shifted dramatically since we first embarked on our journey to deliver strategic heat networks across Haringey. Our vision of establishing a Council-owned energy company was bold and ambitious, yet the harsh realities of the cost of living crisis, unprecedented inflation and profound uncertainties in global energy markets have forced us to make difficult but necessary decisions.

2.2 We must recognise that our financial responsibilities to residents require prudent management in these challenging times. The brave step to scale back our original ambition of becoming both a major infrastructure developer and energy provider demonstrates our commitment to responsible governance during economic turbulence.

2.3 Throughout this process, our team has built a formidable body of knowledge regarding district energy and heat networks. This expertise represents valuable intellectual capital for our borough. I firmly believe we must harness and leverage this knowledge so that Haringey can maintain its position as a regional leader in decarbonisation, whilst also retaining our influence to shape the borough's energy future.

2.4 This strategic repositioning presents an opportunity to explore a spectrum of delivery models that could fulfil our climate ambitions without placing unsustainable financial burdens on our Council. The path forward requires us to consider how we might protect public assets whilst enabling crucial infrastructure development, position Haringey within the emerging regional heat network landscape, and respond effectively to government and GLA expectations whilst safeguarding local interests. This isn't merely a tactical retreat but a thoughtful recalibration of how we might achieve our goals through different means.

2.5 Our team will return to Cabinet with a clear set of options in the autumn, enabling this administration to make informed decisions about the future direction of heat network delivery across our borough. This pause in our original strategy is not a retreat from our climate ambitions, but rather a pragmatic recalibration in challenging circumstances.

3. Recommendations

3.1 It is recommended that Cabinet:

a) Agrees that the Council will no longer work to deliver the strategic heat network projects as originally envisaged in the approved OBCs and agreed in December 2021 (Cabinet report entitled "Decentralised Energy Networks (DEN) Outline Business Case (OBC)"). Specifically, this means the Council will undertake no further work on delivering an energy company to construct and manage heat networks in Energy Services Company (ESCO), or on developing a Full Business Case (FBC) for investment by the Council in respect of Tottenham Hale and Wood Green;

b) Agrees that the Council revisit the Tottenham Hale and Wood Green OBCs as referred to at (a) above to determine a new way forward;

c) Agrees that in considering a new way forward, the Council will proactively engage with Heat Networks Investment Programme (HNIP) managed by Triple Point on behalf of the Department for Energy Security & Net Zero. This would take place over the summer to identify options for the best course of action regarding the funding that the Council has been allocated for this project.

d) Agrees that once options have been explored with HNIP / Triple Point, that officers report back to Cabinet on the next steps and a recommended course of action. This is expected to be early Autumn 2025.

4. Reasons for decision

4.1 In December 2021, the Council was awarded £12.6m of grants and £15.2m of low-cost loans to deliver strategic heat networks in Tottenham Hale and Wood Green. Of this, £2.05m was for commercialisation and c.£25.8m for construction.

4.2 As agreed in the award, the Council has spent some of the commercialisation grant on working towards a FBC as originally envisaged, and some of the construction grant on early works required to safeguard the scheme. In addition, it had to start repayment of some of the loans**Error! Reference source not found.**. It therefore now has £8.6m of grant money remaining (of which £0.75m is for commercialisation), and £14.8m of loans.

4.3 In late 2023, an in-flight review of the Council's Strategic Heat Network proposals (covering TH/WG) was undertaken in the light of major changes in the macro-economy and in the Council's financial position. The outcome of

that review was that although the projects remain viable, they come with considerable risk which the Council is not in a position to take. The Council's borrowing capacity is also significantly reduced and allocated capital budget for this project was removed from the capital programme in 2024.

4.4 Due to the scale of changes seen in the financial and economic environment since 2022, the Council considers the risk and cost of delivering heat networks as previously planned is too severe for the Council to undertake.

4.5 As a consequence, the Council needs to make a decision on how to proceed. The Council will engage with Government funders as to next steps and possible options for the future delivery of heat networks, before reporting back to Cabinet to agree a way forward.

5. Alternative options considered

Council fulfils both Sponsor and Delivery Roles as originally agreed in 2021

5.1 Under this option, officers would continue to work on a Full Business Case (FBC) for strategic heat networks in Tottenham Hale and Wood Green to be delivered by a wholly owned Council subsidiary, HESCO, as per the original Outline Business Cases agreed in December 2021.

5.2 This option has been rejected due to the level of risk entailed and the financial circumstances of the Council as laid out in this paper and is not considered further.

The Council decides on how to use the funding secured on other decarbonisation projects.

5.3 Under this option, the Council would use the remaining commercialisation grant to identify and deliver other projects within the borough.

5.4 The repurposing of government funding from HNIP for other decarbonisation projects is not within the funding agreement. HNIP is specifically for the development and delivery of heat network projects. It has therefore been rejected as an option.

5.5 Any change in approach and use of funding must first be agreed by the Government before the Council is able to consider and agree to any spend.

6. Background information

Development of Council projects to date and status update

6.1 The Council has been investigating and developing strategic heat networks for a number of years. The motivation has been to decarbonise heating in the borough in line with the Government's recommended decarbonisation route for cities, the GLA's position, and the Council's climate change ambitions. Heat networks can reduce heating costs to residents in the longer term and

from a technical perspective require reduced intervention at a domestic level vs. many other decarbonisation strategies.

6.2 The primary outputs of this work were the approval by Cabinet of Outline Business Cases (OBCs) for two projects. Both projects envisaged delivery via a wholly owned Council subsidiary and required some investment by the Council (i.e. Council taking on roles of both Sponsor and Delivery). These were:

a) **North Tottenham DEN (January 2017):** Cabinet approved an OBC for a heat network based around the Council's High Road West (HRW) development,[1] linking to neighbouring sites including local schools, the Tottenham Hotspur Football Club stadium and nearby future council housing renewal projects.

b) **Tottenham Hale and Wood Green DEN (December 2021):** Cabinet approved two OBCs for a larger (£70+m) programme to extend a heat network from Enfield (via North Tottenham) through to Tottenham Hale and Wood Green.

6.3 At the same time as approving the TH/WG OBCs in December 2021, Cabinet approved acceptance of c.£27.8m of capital funding from the governments' Heat Networks Investment Programme (HNIP) including £2.05m for commercialisation and c.£25.8m for construction.

6.4 Following drawdown of the funds in March 2022 and until summer 2023, Officers worked to develop the projects with the aim of submitting a Final Business Case to Cabinet for approval in late 2024.

6.5 Due to rapidly evolving changes in Council finances and the wider economy, this work was paused in late 2023 to undertake an in-flight review. This review was done in part by an independent third party and in part by Council officers and reported in early 2024.

6.6 Following the review, in November 2024, the Council reviewed its financial position and determined that it was likely Exceptional Financial Support (EFS) from the Government would be needed to balance its budget. As such, a review of all spending was conducted to minimise the amount of EFS required and all capital funding budgeted for Council delivery of strategic heat networks was removed from the MTFS and the remaining commercialisation funding was transferred to the revenue budget.

6.7 Government was notified of the likely change of direction in 2024 and agreed that a proposal for the Council to design, deliver and own an ESCO was no

[1] Note that there is an interface between the North Tottenham DEN OBC and the development agreement that the Council signed with Lendlease in December 2017 for High Road West. This agreement committed the Council and Lendlease to deliver a sitewide heat network for HRW in line with the planning requirements. With the Tottenham Hotspurs Stadium site connecting to the Energetik Network, it is likely to remain a Heat Network based solution. Any changes in strategy will be reviewed by Cabinet as and when necessary.

longer viable. They agreed that there was likely to be interest from other investors and that the Council could revisit the TH/WG OBCs to determine a new way forward.

Financial and economic changes since 2022

6.8 Since award of the government funding, there were significant changes in the wider macro-economy, some are positive and some negative, including:

- Construction cost inflation
- Energy cost inflation and increased volatility
- Increase in borrowing costs

6.9 It was these changes that prompted the review of the strategic heat network projects referred to in para. 6.5. The in-flight review in 2023 concluded that the projects were still viable because the inflationary impacts on revenues effectively outweighed the increased construction and borrowing costs, but highlighted risks including significant development costs; a lack of adequate risk sharing between the Council and its energy supplier; and high unit costs of electricity set against inflationary assumptions based on gas unit prices.

6.10 Over the same period, the Council's financial situation worsened significantly due to increased demand for services and a major increase in the cost of borrowing. As of December 2024, the Council was facing a £37m deficit in its budget for 2025/26.

6.11 It is this key factor which has driven the need for a more fundamental review of the delivery of the TH/WG strategic heat network projects as described in this paper.

Regulatory environment for heat networks

6.12 While the Council has reviewed options around delivery of this project, the Government has brought forward new legislation and policies related to Heat Networks and how they will be delivered and managed.

6.13 The Energy Act 2023 became law in October 2023, appointing Ofgem as the regulator and establishing a framework for regulation for heat networks via secondary legislation. The first elements of consumer protection are due to come into force in early 2025.

6.14 The Government has committed to introducing Heat Network Zoning (HNZ) and is actively consulting on the detail of the regulatory framework. HNZs will be areas where heat networks are expected to provide the lowest-cost, low carbon heating solution. Processes are to be put in place whereby Local Authorities, acting as sponsor but in a new formal role known as Zone Co-ordinator (ZC), appoint a heat network developer (Zone Developer) to develop the zone in their area.

6.15 The consultation proposed that the ZC role would be assigned to Local Authorities. The recent English Devolution White Paper (Dec 2024) suggested

the role of ZC would fall to Strategic Authorities (the GLA in London). Government has said there will be funding available to LAs and / or regional bodies undertaking the ZC role but the extent of that is to be confirmed.

6.16 ZC's will then appoint a Zone Developer (ZD) who will design, construct and manage the heat network. The ZD will be able to develop and grow the network, while ensuring supply of low carbon heat to all connected buildings. Performance of the ZD will be monitored and managed by the ZC ensuring that issues such as affordability and supply of heat, and customer costs are fair and reasonable.

6.17 The GLA is actively working with the London Boroughs to work out the optimal way of coordinating / sharing the role across the capital. There is believed to be merit in ZCs being set up across multiple boroughs particularly where there is a major heat source such as the Energy from Waste plant (ERF) that could supply heat across multiple borough boundaries. If the ZC is managing a HNZ which covers more than one borough, the different boroughs within that zone may or may not participate formally in the governance and decision-making of the ZC.

A Review into the Project

6.18 As highlighted in para 6.5 and 6.9 the Council undertook a review of the deliverability of the programme and the work. This was delivered by Asteros, an independent company that has worked with the Government on large infrastructure projects including Heat Networks. They were tasked with assessing the viability of the programme considering changing technical aspects of the programme, the costs of delivery, and changes in government regulation. Asteros reported back that overall, the project was still viable and could deliver most of the benefits of the original project. It highlighted that resources would be required to deliver the project, such as increasing governance, but this could be funded by the secured grants that the Council had been awarded. And if the Council was unable to deliver this project as a public sector lead scheme, that the Council should explore alternatives with interested 3rd parties in both the public and private sector.

North London Heat Networks

6.19 Another relevant contextual factor is the rapidly developing situation regarding energy planning in the wider north London area, including:

a) Cross-borough energy planning: the north London boroughs have been undertaking increasingly detailed area wide energy planning. There is an emerging consensus, supported by government's preliminary mapping of heat network zones, that a north London heat network taking waste heat from the ERF could provide significant carbon and cost benefits to the area. Hackney, Enfield, Islington, Barnet, and Camden have all recently been awarded GLA funding (Zero Carbon Accelerator Funding) to bring forward outline business cases and full business cases related to area wide heat networks.

b) The GLA are convening a North London Heat Network Steering Group (lead by senior officers and pollical leaders) and North London Heat Network Working Group (made of up of officers) to agree a vision of delivering a North London Network, ahead of Heat Zone Regulation. The first meetings of this are expected in Summer 2025.

c) Enfield/Energetik: Enfield is working on finding new investors for its wholly owned subsidiary Energetik. Energetik are growing their network into Haringey and developing connection to Selby Urban Village, and to link into Tottenham Hotspur's developments.

Discussions with Government Funders

6.20 Following this decision by Cabinet, the Council will arrange a set of strategic meetings with Triple Point / HNIP and the Department for Energy Security & Net Zero to take place in July to discuss their views on the options for the funding that the Council has secured and the works that the Council has already undertaken. These meetings will be led by the Corporate Director for Finance and Resources, and the Corporate Director for Environment and Residents Experience.

6.21 This discussion with Triple Point / HNIP will be based around 6 options:

a) Return the funding to HNIP / Triple Point.
b) Identify a public body and award them the funding to take forward the project independent of the Council.
c) Identify a private body and award them the funding to take forward the project independent of the Council.
d) For the Council act as sponsor / heat zone co-ordinator for the project, and to manage the process having identified another public body to deliver on our behalf.
e) For the Council act as sponsor / heat zone co-ordinator for the project, and to manage the process having identified a private body to deliver on our behalf.
f) Options d) and e) could be explored as a joint venture.

Governance for the programme

6.22 The internal governance of the programme and decisions made in the delivery of programme will be overseen by the Wellbeing & Climate Board. This is chaired by the Corporate Director of Environment and Residents Experience and includes officers across the organisation who will be impacted (both positive and negative) by the potential delivery of this programme, including:

a) Finance.
b) Highways and Public Realm.
c) Housing Services Team.
d) Planning.
e) Housing Delivery Team.
f) Property Services.

6.23 The Wellbeing & Climate Board will consider and then bring forward recommendations for Cabinet to review and determine.

Next steps

6.24 Once possible options have been confirmed with Triple Point / HNIP this will reported back to the Wellbeing and Climate Board who will then bring forward recommendation for Cabinet for consideration. This will include discussions with the Corporate Leadership Team (CLT) and Cabinet Members. This work will take place over the late summer.

Following both the stakeholder discussions and internal arrangements, options for the future delivery of heat networks will be brought to Cabinet in the Autumn.

7. Contribution to the Corporate Delivery Plan 2024-2026 High level Strategic outcomes'?

7.1 The Haringey Heat Network Project was designed to deliver existing waste and low carbon heat to the maximum number of homes at the lowest cost and simplest way to deliver the low carbon benefits at a household level. To ensure the value and income generated by this programme remained within the borough, the programme had the ambition to be owned by the Council. However, due the global and national financial issues, this option is no longer open to the Council due to the cost of finance for the organisation. This shows that the Council will always deliver on its objective of financial stability for the organisation and our community.

7.2 As the project is the single largest project within the Corporate Plan to deliver carbon reduction, the Council is willing to discuss options about the future deliver of this network by another third party. This will deliver on the cross-cutting objective within the Corporate Plan to reduce carbon emissions in the borough.

8. Carbon and Climate Change

8.1 The Heat Networks Programme was a significant part of the Council's Net Zero Carbon ambition, with an expectation that it would deliver a reduction of around 5% in the borough's overall carbon footprint by replacing gas boilers. It was also a key strategy to decarbonise our social housing stock, by reintroducing community heating in to flatted blocks, in the most cost effective, low carbon, and least intrusive manner.

8.2 The Council will be setting out its plans to deliver the borough's decarbonisation ambition, and this will include the strategy for its social housing stock around heat networks in line with emerging legislation.

9. Statutory Officers comments (Director of Finance (procurement), Head of Legal and Governance, Equalities)

Finance

9.1 The recommendations of the report are to cease the current process of creating a Council owned energy services company, and to engage with central Government to develop a preferred option, which in turn will be reported to Cabinet in due course.

9.2 In support of the current project the Council has received the following funding:

	Type	Award	Spent/Repaid	Remaining
Commercialisation grant	Rev	£2.05m	£1.3m	£0.75m
Construction grant	Cap	£10.58m	£2.8m	£7.778m
Low-cost loan	Cap	£15.21m	£0.4m	£14.81m
Total		£27.84	£4.5m	£23.338m

9.3 Currently this funding is within the Council's cash flow and is earning investment income of c£1m per annum. This income is assumed in the base budget.

9.4 It is not possible to model the financial implications of the 6 scenarios set out in 6.21 at this time, but the financial implications of the chosen option will be provided at the point of the decision.

9.5 The Council entered into a grant agreement with the Government for the construction grant. Subsequently the Council agreed with the Government that it could spend some of the construction grant in advance of the agreement of the FBC for a variety of reasons and amended the original grant agreement to that effect. In the revised grant agreement, there are provisions for the Government to clawback 50% of the grant. This is a risk and if it materialised there would be a c£2.8m payment due for which there is no budget.

Strategic Procurement

9.6 Strategic Procurement have been consulted in the preparation of this report. Strategic Procurement note the recommendation in section 3 is not a procurement related decision.

9.7 Strategic Procurement have no objections to the recommendations of this report.

Legal

9.8 This report seeks Cabinet approval to cease delivery of the Tottenham Hale and Wood Green strategic heat network projects as set out in Outline Business

cases approved by the Cabinet in December 2021, for the reasons set out in this report.

9.9 As a key decision this is the responsibility of the Cabinet to agree.

9.10 In order to deliver the Tottenham Hale and Wood Green strategic heat networks the Council was awarded £27.8m from the Government's Heat Networks Investment Programme (HNIP) through a mix of £12.6m of grants and £15.2m in low interest loans, with various funding conditions attached. Should the Cabinet agree to cease delivery of these strategic heat networks as previously set out in the OBCs, it will be necessary to determine next steps for the funding associated with these programmes.

9.11 As set out in the report, officers have been, and continue to be, proactively engaging with Heat Networks Investment Programme (HNIP) managed by Triple Point on behalf of the Department for Energy Security & Net Zero, as to next steps and possible options for the future delivery of heat networks with this funding. The outcome of these further discussions will be brought back to Cabinet in due course to agree a way forward.

9.12 Further legal comments are set out in Exempt Appendix A.

Equality

9.13 There are no equalities issues associated with the recommendations made in this report.

10. Use of Appendices

N/A

11. Background papers

1. Cabinet Report and associated appendices concerning North Tottenham Decentralised Energy Network
\https://www.minutes.haringey.gov.uk/mgAi.aspx?ID=51694

2. Cabinet Report and associated appendices concerning Decentralised Energy Networks Outline Business Cases
https://www.minutes.haringey.gov.uk/mgAi.aspx?ID=70583

Appendix H – Email Correspondence with Council

Alisha Pinheiro

From: Alisha Pinheiro
Sent: 22 June 2026 18:19
To: 'Valerie Okeiyi'
Cc: HALS; Lonny Nourse
Subject: RE: Proposed Development at 707 -725 Lordship Lane - DEN Enquiry

Hi Valerie,

Thank you.

Kind Regards,
Alisha

Alisha Pinheiro
Senior Building Physics Consultant

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From: Valerie Okeiyi <Valerie.Okeiyi@haringey.gov.uk>
Sent: 22 June 2026 17:25
To: Alisha Pinheiro <alisha@sre.co.uk>
Cc: HALS <HALS@haringey.gov.uk>; Lonny Nourse <lonny.nourse@cfield.co.uk>
Subject: RE: Proposed Development at 707 -725 Lordship Lane - DEN Enquiry

Hi Alisha,

I've just contacted the Carbon Team to request a response in the first instance. Once I've heard back, I'll come back to you to confirm whether they are happy for me to share their contact details

Kind regards

Valerie Okeiyi, BA (Hons) MA

Principal Planning Officer

Majors Application Team

Planning & Building Standards

Environment & Resident Experierience

5th floor Alexandra House, Wood Green, London N22 7TR.
Tel: 020 8489 5120 | Mobile: 07896 934 846
Email: valerie.okeiyi@haringey.gov.uk
Please help to save paper by not printing this email unless absolutely necessary.
Please note that the above is an officer's opinion only and does not prejudice any decisions that the Council may take.

From: Alisha Pinheiro <alisha@sre.co.uk>
Sent: 22 June 2026 17:16
To: Valerie Okeiyi <Valerie.Okeiyi@haringey.gov.uk>
Cc: HALS <HALS@haringey.gov.uk>; Henrietta Cooke <Henrietta.Cooke@haringey.gov.uk>; Lonny Nourse <lonny.nourse@cfield.co.uk>
Subject: RE: Proposed Development at 707 -725 Lordship Lane - DEN Enquiry

Hi Valerie,

Thank you for the quick response, much appreciated.

Would you be able to share an email address or contact number of the person in charge within the Carbon team for us to contact?

Many Thanks,
Alisha

Alisha Pinheiro
Senior Building Physics Consultant

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From: Valerie Okeiyi <Valerie.Okeiyi@haringey.gov.uk>
Sent: 22 June 2026 17:13
To: Alisha Pinheiro <alisha@sre.co.uk>
Cc: HALS <HALS@haringey.gov.uk>; Henrietta Cooke <Henrietta.Cooke@haringey.gov.uk>; Lonny Nourse <lonny.nourse@cfield.co.uk>
Subject: RE: Proposed Development at 707 -725 Lordship Lane - DEN Enquiry

Dear Alisha

Sorry I missed your call

Unfortunately, our DEN specialists Tim Starley Grainger and Henrietta Cooke left the Council last year. I'll have to forward your email onto the Carbon team as they will be able to provide an update on the current situation

Kind regards

Valerie Okeiyi, BA (Hons) MA

Principal Planning Officer

Majors Application Team

Planning & Building Standards

Environment & Resident Experierience

5th floor Alexandra House, Wood Green, London N22 7TR.
Tel: 020 8489 5120 | Mobile: 07896 934 846
Email: valerie.okeiyi@haringey.gov.uk
Please help to save paper by not printing this email unless absolutely necessary.
Please note that the above is an officer's opinion only and does not prejudice any decisions that the Council may take.

From: Alisha Pinheiro <alisha@sre.co.uk>
Sent: 22 June 2026 13:11
To: Valerie Okeiyi <Valerie.Okeiyi@haringey.gov.uk>
Cc: HALS <HALS@haringey.gov.uk>; Henrietta Cooke <Henrietta.Cooke@haringey.gov.uk>; Lonny Nourse <lonny.nourse@cfield.co.uk>
Subject: RE: Proposed Development at 707 -725 Lordship Lane - DEN Enquiry

Hi Valerie,

Hope you are well.

I had tried to reach you via phone, but couldn't get through. Just wanted to check if you had a chance to look at the email below and provide inputs. Also, the attached document dated 17th June 2025, says that the DEN works are currently paused. Can you please confirm if that is still valid, and if so, what are the updated timelines?

Looking forward to hearing from you.

Many Thanks,
Alisha

Alisha Pinheiro
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From: Alisha Pinheiro
Sent: 19 June 2026 14:37
To: 'Henrietta Cooke' <Henrietta.Cooke@haringey.gov.uk>; 'Valerie Okeiyi' <Valerie.Okeiyi@haringey.gov.uk>
Cc: hals@haringey.gov.uk
Subject: Proposed Development at 707 -725 Lordship Lane - DEN Enquiry

Hi Henrietta and Valerie,

Hope you are well. I had spoken with Tim Starley earlier today, and he informed me that he no longer works with Haringey Council. Would you be able to look into the enquiry below?

I am writing on behalf of our client for the Project – 707-725 Lordship Lane (Local Planning Ref: HGY/2024/0450). Our site falls within the Wood Green Proposed Heat Network catchment as identified in the District Heat Map, and we are currently approaching RIBA Stage 4 design with an Energy Statement being prepared in support of the planning conditions.

We are currently reviewing our Stage 3 design and considering the inclusion of Future DHN in our approved design by considering technical feasibility or economic viability for our development. Given our current design stage, we are seeking to understand the current status of the Wood Green Proposed
Heat Network to inform this assessment.

We would be grateful if you could provide clarification on the following:

1. Network Delivery programme
    - What is the current status of the Heat Network and is there a confirmed delivery timeline?
    - Has a network operator or concession holder been appointed?

2. Connection Availability
    - Is the network in a position to accept connection applications from new developments at this stage?

3. Technical Inputs
    - Are flow and return temperatures, supply pressure and network capacity parameters published or available on request?
    - Are there minimum heat demand thresholds for connection eligibility?

4. Connection Costs
    - Is there a published connection cost schedule or indicative infrastructure charge available?

We are raising these queries at this stage to ensure our techno-commercial assessment is properly informed and that any conclusions reached regarding the feasibility of connection are robustly evidenced.

Please do not hesitate to contact me if you require any further information.

Many Thanks,
Alisha

Alisha Pinheiro
Senior Building Physics Consultant

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