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
L07 BEDROOM (SE)	-	-	-	-	-	-	-	0.3	-	-	N/A
L07 BEDROOM (SE) ENSUITE	-	-	-	-	-	-	-	0.3	-	-	N/A
L07 BEDROOM (SE) ENSUITE	-	-	-	-	-	-	-	0.3	-	-	N/A
L07 BEDROOM (SW)	-	-	-	-	-	-	-	0.3	-	-	N/A
L07 BEDROOM (SW) ENSUITE	-	-	-	-	-	-	-	0.3	-	-	N/A
L07 BEDROOM (W)	-	-	-	-	-	-	-	0.3	-	-	N/A
L07 BEDROOM (W)	-	-	-	-	-	-	-	0.3	-	-	N/A
L07 BEDROOM (W)	-	-	-	-	-	-	-	0.3	-	-	N/A
L07 BEDROOM (W)	-	-	-	-	-	-	-	0.3	-	-	N/A
L07 BEDROOM (W)	-	-	-	-	-	-	-	0.3	-	-	N/A
L07 BEDROOM (W)	-	-	-	-	-	-	-	0.3	-	-	N/A
L07 BEDROOM (W)	-	-	-	-	-	-	-	0.3	-	-	N/A
L07 BEDROOM (W)	-	-	-	-	-	-	-	0.3	-	-	N/A
L07 BEDROOM (W) ENSUITE	-	-	-	-	-	-	-	0.3	-	-	N/A
L07 BEDROOM (W) ENSUITE	-	-	-	-	-	-	-	0.3	-	-	N/A
L07 BEDROOM (W) ENSUITE	-	-	-	-	-	-	-	0.3	-	-	N/A
L07 BEDROOM (W) ENSUITE	-	-	-	-	-	-	-	0.3	-	-	N/A
L07 BEDROOM (W) ENSUITE	-	-	-	-	-	-	-	0.3	-	-	N/A
L07 BEDROOM (W) ENSUITE	-	-	-	-	-	-	-	0.3	-	-	N/A
L07 BEDROOM (W) ENSUITE	-	-	-	-	-	-	-	0.3	-	-	N/A
L07 GALLEY	-	-	-	-	-	-	-	0.3	-	-	N/A
L08 COMMS	-	1.1	-	-	-	-	-	-	-	-	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
L06 BEDROOM (E)	110	-	-
L06 BEDROOM (E)	110	-	-
L06 BEDROOM (E)	110	-	-
L06 BEDROOM (E)	110	-	-
L06 BEDROOM (E)	110	-	-
L06 BEDROOM (E)	110	-	-
L06 BEDROOM (E)	110	-	-
L06 BEDROOM (E)	110	-	-
L06 BEDROOM (E) ENSUITE	110	-	-
L06 BEDROOM (E) ENSUITE	110	-	-
L06 BEDROOM (E) ENSUITE	110	-	-
L06 BEDROOM (E) ENSUITE	110	-	-
L06 BEDROOM (E) ENSUITE	110	-	-
L06 BEDROOM (E) ENSUITE	110	-	-
L06 BEDROOM (E) ENSUITE	110	-	-
L06 BEDROOM (E) ENSUITE	110	-	-

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
L06 BEDROOM (N)	110	-	-
L06 BEDROOM (N)	110	-	-
L06 BEDROOM (N)	110	-	-
L06 BEDROOM (N)	110	-	-
L06 BEDROOM (N)	110	-	-
L06 BEDROOM (N)	110	-	-
L06 BEDROOM (N)	110	-	-
L06 BEDROOM (N)	110	-	-
L06 BEDROOM (N)	110	-	-
L06 BEDROOM (N)	110	-	-
L06 BEDROOM (N) ENSUITE	110	-	-
L06 BEDROOM (N) ENSUITE	110	-	-
L06 BEDROOM (N) ENSUITE	110	-	-
L06 BEDROOM (N) ENSUITE	110	-	-
L06 BEDROOM (N) ENSUITE	110	-	-
L06 BEDROOM (N) ENSUITE	110	-	-
L06 BEDROOM (N) ENSUITE	110	-	-
L06 BEDROOM (N) ENSUITE	110	-	-
L06 BEDROOM (N) ENSUITE	110	-	-
L06 BEDROOM (NW)	110	-	-
L06 BEDROOM (NW) ENSUITE	110	-	-
L06 BEDROOM (S)	110	-	-
L06 BEDROOM (S)	110	-	-
L06 BEDROOM (S)	110	-	-
L06 BEDROOM (S)	110	-	-
L06 BEDROOM (S)	110	-	-
L06 BEDROOM (S)	110	-	-
L06 BEDROOM (S)	110	-	-
L06 BEDROOM (S)	110	-	-
L06 BEDROOM (S)	110	-	-
L06 BEDROOM (S) ENSUITE	110	-	-
L06 BEDROOM (S) ENSUITE	110	-	-
L06 BEDROOM (S) ENSUITE	110	-	-
L06 BEDROOM (S) ENSUITE	110	-	-
L06 BEDROOM (S) ENSUITE	110	-	-
L06 BEDROOM (S) ENSUITE	110	-	-
L06 BEDROOM (S) ENSUITE	110	-	-
L06 BEDROOM (S) ENSUITE	110	-	-
L06 BEDROOM (S) ENSUITE	110	-	-
L06 BEDROOM (SE)	110	-	-
L06 BEDROOM (SE)	110	-	-
L06 BEDROOM (SE) ENSUITE	110	-	-

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
L06 BEDROOM (SE) ENSUITE	110	-	-
L06 BEDROOM (SW)	110	-	-
L06 BEDROOM (SW) ENSUITE	110	-	-
L06 BEDROOM (W)	110	-	-
L06 BEDROOM (W)	110	-	-
L06 BEDROOM (W)	110	-	-
L06 BEDROOM (W)	110	-	-
L06 BEDROOM (W)	110	-	-
L06 BEDROOM (W)	110	-	-
L06 BEDROOM (W)	110	-	-
L06 BEDROOM (W)	110	-	-
L06 BEDROOM (W) ENSUITE	110	-	-
L06 BEDROOM (W) ENSUITE	110	-	-
L06 BEDROOM (W) ENSUITE	110	-	-
L06 BEDROOM (W) ENSUITE	110	-	-
L06 BEDROOM (W) ENSUITE	110	-	-
L06 BEDROOM (W) ENSUITE	110	-	-
L06 BEDROOM (W) ENSUITE	110	-	-
L06 BEDROOM (W) ENSUITE	110	-	-
L06 CORRIDOR	110	-	-
L06 CORRIDOR	110	-	-
L06 CORRIDOR	110	-	-
L06 GALLEY	110	-	-
L06 HOUSEKEEPING	110	-	-
L06 LOBBY	110	-	-
L06 LOBBY	110	-	-
L06 STAIR (N)	110	-	-
L06 STAIR (SE)	110	-	-
L06 STAIR (SW)	110	-	-
L07 BEDROOM (E)	110	-	-
L07 BEDROOM (E)	110	-	-
L07 BEDROOM (E)	110	-	-
L07 BEDROOM (E)	110	-	-
L07 BEDROOM (E)	110	-	-
L07 BEDROOM (E)	110	-	-
L07 BEDROOM (E)	110	-	-
L07 BEDROOM (E) ENSUITE	110	-	-
L07 BEDROOM (E) ENSUITE	110	-	-
L07 BEDROOM (E) ENSUITE	110	-	-
L07 BEDROOM (E) ENSUITE	110	-	-
L07 BEDROOM (E) ENSUITE	110	-	-
L07 BEDROOM (E) ENSUITE	110	-	-

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
L07 BEDROOM (E) ENSUITE	110	-	-
L07 BEDROOM (E) ENSUITE	110	-	-
L07 BEDROOM (N)	110	-	-
L07 BEDROOM (N)	110	-	-
L07 BEDROOM (N)	110	-	-
L07 BEDROOM (N)	110	-	-
L07 BEDROOM (N)	110	-	-
L07 BEDROOM (N)	110	-	-
L07 BEDROOM (N)	110	-	-
L07 BEDROOM (N)	110	-	-
L07 BEDROOM (N)	110	-	-
L07 BEDROOM (N)	110	-	-
L07 BEDROOM (N) ENSUITE	110	-	-
L07 BEDROOM (N) ENSUITE	110	-	-
L07 BEDROOM (N) ENSUITE	110	-	-
L07 BEDROOM (N) ENSUITE	110	-	-
L07 BEDROOM (N) ENSUITE	110	-	-
L07 BEDROOM (N) ENSUITE	110	-	-
L07 BEDROOM (N) ENSUITE	110	-	-
L07 BEDROOM (N) ENSUITE	110	-	-
L07 BEDROOM (N) ENSUITE	110	-	-
L07 BEDROOM (NW)	110	-	-
L07 BEDROOM (NW) ENSUITE	110	-	-
L07 BEDROOM (S)	110	-	-
L07 BEDROOM (S)	110	-	-
L07 BEDROOM (S)	110	-	-
L07 BEDROOM (S)	110	-	-
L07 BEDROOM (S)	110	-	-
L07 BEDROOM (S)	110	-	-
L07 BEDROOM (S)	110	-	-
L07 BEDROOM (S)	110	-	-
L07 BEDROOM (S)	110	-	-
L07 BEDROOM (S) ENSUITE	110	-	-
L07 BEDROOM (S) ENSUITE	110	-	-
L07 BEDROOM (S) ENSUITE	110	-	-
L07 BEDROOM (S) ENSUITE	110	-	-
L07 BEDROOM (S) ENSUITE	110	-	-
L07 BEDROOM (S) ENSUITE	110	-	-
L07 BEDROOM (S) ENSUITE	110	-	-
L07 BEDROOM (S) ENSUITE	110	-	-
L07 BEDROOM (S) ENSUITE	110	-	-
L07 BEDROOM (SE)	110	-	-

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
L07 BEDROOM (SE)	110	-	-
L07 BEDROOM (SE) ENSUITE	110	-	-
L07 BEDROOM (SE) ENSUITE	110	-	-
L07 BEDROOM (SW)	110	-	-
L07 BEDROOM (SW) ENSUITE	110	-	-
L07 BEDROOM (W)	110	-	-
L07 BEDROOM (W)	110	-	-
L07 BEDROOM (W)	110	-	-
L07 BEDROOM (W)	110	-	-
L07 BEDROOM (W)	110	-	-
L07 BEDROOM (W)	110	-	-
L07 BEDROOM (W)	110	-	-
L07 BEDROOM (W)	110	-	-
L07 BEDROOM (W) ENSUITE	110	-	-
L07 BEDROOM (W) ENSUITE	110	-	-
L07 BEDROOM (W) ENSUITE	110	-	-
L07 BEDROOM (W) ENSUITE	110	-	-
L07 BEDROOM (W) ENSUITE	110	-	-
L07 BEDROOM (W) ENSUITE	110	-	-
L07 BEDROOM (W) ENSUITE	110	-	-
L07 CORRIDOR	110	-	-
L07 CORRIDOR	110	-	-
L07 CORRIDOR	110	-	-
L07 GALLEY	110	-	-
L07 HOUSEKEEPING	110	-	-
L07 LOBBY	110	-	-
L07 STAIR (N)	110	-	-
L07 STAIR (SE)	110	-	-
L07 STAIR (SW)	110	-	-
L08 CIRC	110	-	-
L08 CIRC	110	-	-
L08 CIRC	110	-	-
L08 COMMS	110	-	-
L08 LOBBY	110	-	-
L08 STAIR (SE)	110	-	-

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?
L06 BEDROOM (E)	NO (-16%)	NO
L06 BEDROOM (E)	NO (-17.7%)	NO
L06 BEDROOM (E)	NO (-42.8%)	NO
L06 BEDROOM (E)	NO (-20.2%)	NO

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
L06 BEDROOM (E)	NO (-54.1%)	NO
L06 BEDROOM (E)	NO (-16.9%)	NO
L06 BEDROOM (E)	NO (-33.9%)	NO
L06 BEDROOM (E)	NO (-22.9%)	NO
L06 BEDROOM (E) ENSUITE	NO (-55.2%)	NO
L06 BEDROOM (E) ENSUITE	N/A	N/A
L06 BEDROOM (E) ENSUITE	N/A	N/A
L06 BEDROOM (E) ENSUITE	N/A	N/A
L06 BEDROOM (E) ENSUITE	N/A	N/A
L06 BEDROOM (E) ENSUITE	N/A	N/A
L06 BEDROOM (E) ENSUITE	N/A	N/A
L06 BEDROOM (E) ENSUITE	N/A	N/A
L06 BEDROOM (N)	NO (-53.1%)	NO
L06 BEDROOM (N)	NO (-54%)	NO
L06 BEDROOM (N)	NO (-55.7%)	NO
L06 BEDROOM (N)	NO (-52.5%)	NO
L06 BEDROOM (N)	NO (-52%)	NO
L06 BEDROOM (N)	NO (-50.8%)	NO
L06 BEDROOM (N)	NO (-52.4%)	NO
L06 BEDROOM (N)	NO (-71.6%)	NO
L06 BEDROOM (N)	NO (-55.2%)	NO
L06 BEDROOM (N)	NO (-53.7%)	NO
L06 BEDROOM (N) ENSUITE	N/A	N/A
L06 BEDROOM (N) ENSUITE	N/A	N/A
L06 BEDROOM (N) ENSUITE	N/A	N/A
L06 BEDROOM (N) ENSUITE	N/A	N/A
L06 BEDROOM (N) ENSUITE	N/A	N/A
L06 BEDROOM (N) ENSUITE	N/A	N/A
L06 BEDROOM (N) ENSUITE	N/A	N/A
L06 BEDROOM (N) ENSUITE	N/A	N/A
L06 BEDROOM (N) ENSUITE	N/A	N/A
L06 BEDROOM (N) ENSUITE	N/A	N/A
L06 BEDROOM (NW)	NO (-94%)	NO
L06 BEDROOM (NW) ENSUITE	N/A	N/A
L06 BEDROOM (S)	NO (-14.6%)	NO
L06 BEDROOM (S)	NO (-46.8%)	NO
L06 BEDROOM (S)	NO (-17.6%)	NO
L06 BEDROOM (S)	NO (-27%)	NO
L06 BEDROOM (S)	NO (-13.3%)	NO
L06 BEDROOM (S)	NO (-15.8%)	NO
L06 BEDROOM (S)	NO (-24.1%)	NO
L06 BEDROOM (S)	NO (-51.9%)	NO
L06 BEDROOM (S)	NO (-13.6%)	NO
L06 BEDROOM (S) ENSUITE	N/A	N/A
L06 BEDROOM (S) ENSUITE	N/A	N/A
L06 BEDROOM (S) ENSUITE	N/A	N/A
L06 BEDROOM (S) ENSUITE	N/A	N/A
L06 BEDROOM (S) ENSUITE	N/A	N/A
L06 BEDROOM (S) ENSUITE	N/A	N/A

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
L06 BEDROOM (S) ENSUITE	N/A	N/A
L06 BEDROOM (S) ENSUITE	N/A	N/A
L06 BEDROOM (S) ENSUITE	N/A	N/A
L06 BEDROOM (SE)	NO (-45.1%)	NO
L06 BEDROOM (SE)	NO (-39.4%)	NO
L06 BEDROOM (SE) ENSUITE	NO (-36%)	NO
L06 BEDROOM (SE) ENSUITE	NO (-87.8%)	NO
L06 BEDROOM (SW)	NO (-42.2%)	NO
L06 BEDROOM (SW) ENSUITE	NO (-37.8%)	NO
L06 BEDROOM (W)	NO (-23.5%)	NO
L06 BEDROOM (W)	NO (-25.2%)	NO
L06 BEDROOM (W)	NO (-65.1%)	NO
L06 BEDROOM (W)	NO (-61.5%)	NO
L06 BEDROOM (W)	NO (-30.5%)	NO
L06 BEDROOM (W)	NO (-35.4%)	NO
L06 BEDROOM (W)	NO (-24.5%)	NO
L06 BEDROOM (W)	NO (-45.7%)	NO
L06 BEDROOM (W) ENSUITE	N/A	N/A
L06 BEDROOM (W) ENSUITE	N/A	N/A
L06 BEDROOM (W) ENSUITE	N/A	N/A
L06 BEDROOM (W) ENSUITE	N/A	N/A
L06 BEDROOM (W) ENSUITE	N/A	N/A
L06 BEDROOM (W) ENSUITE	N/A	N/A
L06 BEDROOM (W) ENSUITE	N/A	N/A
L06 BEDROOM (W) ENSUITE	N/A	N/A
L06 GALLEY	N/A	N/A
L07 BEDROOM (E)	NO (-15.2%)	NO
L07 BEDROOM (E)	NO (-30.9%)	NO
L07 BEDROOM (E)	NO (-26.3%)	NO
L07 BEDROOM (E)	NO (-27.6%)	NO
L07 BEDROOM (E)	NO (-30.4%)	NO
L07 BEDROOM (E)	YES (+17.7%)	NO
L07 BEDROOM (E)	NO (-27.8%)	NO
L07 BEDROOM (E)	NO (-35.8%)	NO
L07 BEDROOM (E) ENSUITE	N/A	N/A
L07 BEDROOM (E) ENSUITE	N/A	N/A
L07 BEDROOM (E) ENSUITE	N/A	N/A
L07 BEDROOM (E) ENSUITE	N/A	N/A
L07 BEDROOM (E) ENSUITE	NO (-99.8%)	NO
L07 BEDROOM (E) ENSUITE	N/A	N/A
L07 BEDROOM (E) ENSUITE	N/A	N/A
L07 BEDROOM (E) ENSUITE	N/A	N/A
L07 BEDROOM (N)	NO (-54.9%)	NO
L07 BEDROOM (N)	NO (-60.9%)	NO
L07 BEDROOM (N)	NO (-60.8%)	NO
L07 BEDROOM (N)	NO (-59.9%)	NO
L07 BEDROOM (N)	NO (-60%)	NO
L07 BEDROOM (N)	NO (-60.2%)	NO
L07 BEDROOM (N)	NO (-57%)	NO

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
L07 BEDROOM (N)	NO (-58.9%)	NO
L07 BEDROOM (N)	NO (-60.5%)	NO
L07 BEDROOM (N)	NO (-58.9%)	NO
L07 BEDROOM (N) ENSUITE	N/A	N/A
L07 BEDROOM (N) ENSUITE	N/A	N/A
L07 BEDROOM (N) ENSUITE	N/A	N/A
L07 BEDROOM (N) ENSUITE	N/A	N/A
L07 BEDROOM (N) ENSUITE	N/A	N/A
L07 BEDROOM (N) ENSUITE	N/A	N/A
L07 BEDROOM (N) ENSUITE	N/A	N/A
L07 BEDROOM (N) ENSUITE	N/A	N/A
L07 BEDROOM (N) ENSUITE	N/A	N/A
L07 BEDROOM (N) ENSUITE	N/A	N/A
L07 BEDROOM (NW)	N/A	N/A
L07 BEDROOM (NW) ENSUITE	N/A	N/A
L07 BEDROOM (S)	NO (-26.3%)	NO
L07 BEDROOM (S)	NO (-35.6%)	NO
L07 BEDROOM (S)	NO (-25.6%)	NO
L07 BEDROOM (S)	YES (+19.7%)	NO
L07 BEDROOM (S)	NO (-29.4%)	NO
L07 BEDROOM (S)	NO (-29.8%)	NO
L07 BEDROOM (S)	NO (-24.5%)	NO
L07 BEDROOM (S)	NO (-25.9%)	NO
L07 BEDROOM (S)	NO (-24.7%)	NO
L07 BEDROOM (S) ENSUITE	N/A	N/A
L07 BEDROOM (S) ENSUITE	N/A	N/A
L07 BEDROOM (S) ENSUITE	N/A	N/A
L07 BEDROOM (S) ENSUITE	N/A	N/A
L07 BEDROOM (S) ENSUITE	N/A	N/A
L07 BEDROOM (S) ENSUITE	N/A	N/A
L07 BEDROOM (S) ENSUITE	N/A	N/A
L07 BEDROOM (S) ENSUITE	N/A	N/A
L07 BEDROOM (SE)	NO (-29.4%)	NO
L07 BEDROOM (SE)	NO (-68.1%)	NO
L07 BEDROOM (SE) ENSUITE	N/A	N/A
L07 BEDROOM (SE) ENSUITE	N/A	N/A
L07 BEDROOM (SW)	NO (-68.3%)	NO
L07 BEDROOM (SW) ENSUITE	N/A	N/A
L07 BEDROOM (W)	NO (-33.4%)	NO
L07 BEDROOM (W)	NO (-29.4%)	NO
L07 BEDROOM (W)	NO (-52.5%)	NO
L07 BEDROOM (W)	NO (-65.5%)	NO
L07 BEDROOM (W)	NO (-36.1%)	NO
L07 BEDROOM (W)	NO (-30.7%)	NO
L07 BEDROOM (W)	NO (-28.8%)	NO
L07 BEDROOM (W)	NO (-39.1%)	NO
L07 BEDROOM (W) ENSUITE	N/A	N/A
L07 BEDROOM (W) ENSUITE	N/A	N/A

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
L07 BEDROOM (W) ENSUITE	N/A	N/A
L07 BEDROOM (W) ENSUITE	N/A	N/A
L07 BEDROOM (W) ENSUITE	N/A	N/A
L07 BEDROOM (W) ENSUITE	N/A	N/A
L07 BEDROOM (W) ENSUITE	N/A	N/A
L07 BEDROOM (W) ENSUITE	N/A	N/A
L07 GALLEY	N/A	N/A
L08 COMMS	N/A	N/A

Regulation 25A: Consideration of high efficiency alternative energy systems

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

Technical Data Sheet (Actual vs. Notional Building)

Building Global Parameters

	Actual	Notional
Floor area [m^2]	2049.8	2049.8
External area [m^2]	2940.4	2940.4
Weather	MAN	MAN
Infiltration [m^3/hm^2@ 50Pa]	5	3
Average conductance [W/K]	800.96	1371.11
Average U-value [W/m^2K]	0.27	0.47
Alpha value* [%]	25.17	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
99	**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
1	**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	10.93
Cooling	0.47	0.6
Auxiliary	19.3	20.17
Lighting	5.74	6.45
Hot water	71.37	69.93
Equipment*	14.31	14.31
TOTAL**	**106.88**	**108.09**

* 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	3.33	0
Wind turbines	0	0
CHP generators	0	0
Solar thermal systems	0	0
Displaced electricity	*3.33*	*0*

Energy & CO_2 Emissions Summary

	Actual	Notional
Heating + cooling demand [MJ/m^2]	93.56	118.11
Primary energy [kWh_{PE}/m^2]	153.4	160.07
Total emissions [kg/m^2]	14.2	14.79