

Project details	
Version / Notes	V1 – Design Stage first issue by Matthew Ray on 27/01/2022. Please confirm outstanding items highlighted yellow before beginning work. To be read in conjunction with attached SAP Guidance Document.
Project name	BE2664 – Little Acres, Longfield Avenue, New Barn, Longfield DA3 7LA
Project address	Please confirm the final project address prior to us producing the EPC
Planning target?	CO ₂ reduction – Gravesham Borough Council
Building regulations Part L	PASS if the below is strictly adhered to. Any changes will impact the result and jeopardise compliance. Enforcement bodies must ensure that they are satisfied that the below inputs are an accurate reflection of the final building before using this reporting and attached energy modelling output documents to demonstrate compliance.

Walls, Floors and Roofs	U-value	Construction	Correct as built? (Tick to confirm)
Ground floor	0.18	Full build up and U-value calculation document required to meet this figure	
Main wall	0.16	Full build up and U-value calculation document required to meet this figure	
Roof	0.16	Full build up and U-value calculation document required to meet this figure	

Openings	Whole U-value	G-value	Details	Required documents	(Tick to confirm)
Windows, roof lights and glazed doors	1.40	0.63	Double glazed, Argon filled, Low-E Soft 0.05 Coating, 16mm gap (or more). UPVC.	Manufacturer calculations/data sheets showing “Uw” whole frame U-values.	

Air Permeability		Required documents	(Tick to confirm)
Design air permeability	5.00 m ³ /hm ² or lower.	Air test certificate	

Thermal Bridging		Required documents	(Tick to confirm)
Junction	Scheme and details		
E2 Lintels	Accredited Construction Details		
E3 Sill	Accredited Construction Details		
E4 Jamb	Accredited Construction Details		
E5 Ground floor	Accredited Construction Details		
E14 Flat roof	Accredited Construction Details		
E16 Corners	Accredited Construction Details		

Heating & Hot Water		Required documents	(Tick to confirm)
Heating system (space and water)	ASHP (make and model tbc)	MCS certificate or installation certificate(s)	
Emitter	Radiators		
Heating controls	Time and temperature zone controls. Allows the heating times and temperatures of at least two zones to be programmed independently.		
Hot water cylinder	180 litres with 1.80 kWh/day heat loss (Type 1) and 150 litres with 1.50 kWh/day heat loss (Type 2). Located in a heated space, fully insulated primary pipework and water heating timed separately.		
Secondary heating	None		

Other Services		(Tick to confirm)
Ventilation	Natural ventilation with 3 extract fans (Type 1) and 2 extract fans (Type 2). Windows fully open during hot weather with cross-ventilation possible	
Lighting	100% low energy lighting. All fittings have lamps with a luminous efficacy greater than 45 lamp lumens per circuit-watt and a total output greater than 400 lamp lumens.	

Renewables		Required documents	(Tick to confirm)
Solar PV	0.5 kWp facing south at c.a. 30°	MCS certificate	

As-built confirmation

I confirm that the drawings issued to you accurately reflect the as-built construction, that the above information accurately reflects the as-built specification and that all building services have been commissioned.

Printed name, organisation, and role

Signature

Date

.....

.....

.....