

DFAL Architects

GUIDE TO PART L PHOTOGRAPHIC RECORD

25.07.2022

**Conservation of
fuel and power**

APPROVED DOCUMENT

L



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INTRODUCTION

As part of the June 2022 building regulations update new build housing is required to have a photographic record taken during construction demonstrating the thermal bridging details have been constructed correctly.




- Photos must be taken of typical details as listed below and must be unique to each property.
- One photograph per detail should be recorded.
- Additional images, such as a closeup detail, should be provided only when necessary (see below).
- Photographs should be taken at appropriate construction stages for each detail when completed, but prior to closing-up works.
- Photographs should be digital and of sufficient quality and high enough resolution to allow a qualitative audit of the subject detail.
- Close-up photographs may be needed where a long shot image provides insufficient detail. More than one images of each detail may be needed.
- Geolocation should be enabled to confirm the location, date and time of each image.
- Each image file name should include a plot number and detail reference according to the numbers used in paragraph B7. For example, Plot 1 eaves detail would be P1/3b.

Photos should be submitted to the SAP assessor throughout the construction so compliance can be assured before areas are covered over.

DFAL will be happy to provide the photographic record service on behalf of builders and developers alongside our other services, particularly if we are providing site inspections for Consultant Certification.



PHOTOS

STAGE 1 FOUNDATIONS/SUBSTRUCTURE AND GROUND FLOOR

AD L Photo Ref	Photo Direction	AD L Guidance Note	Typical Example
1A	At ground floor perimeter edge insulation.	Photograph should show a continuous strip of insulation in contact with the walls around the perimeter of the ground floor.	
1B	At external door threshold	Photograph should show a strip of insulation or insulated cavity closer in the threshold zone.	
1C	Below damp-proof course on external walls	Moisture-resistant insulation should be fitted below dampproof course level and extend to the foundation block/structure.	




PHOTOS

STAGE 2 EXTERNAL WALLS: FOR EACH MAIN WALL TYPE

AD L Photo Ref	Photo Direction	AD L Guidance Note	Typical Example
2A	Ground floor to wall junction	External or cavity wall insulation should extend below the dampproof course	
2B	Structural penetrating elements	There are a number of items this could cover but discussions with stakeholders suggests this would usually include lintels, and one photo is required per opening type.	


PHOTOS

STAGE 3 ROOF: FOR EACH MAIN ROOF TYPE

AD L Photo Ref	Photo Direction	AD L Guidance Note	Typical Example
3A	Joist/rafter level.	Insulation should be installed tight to the structure, without air gaps, and should extend to the wall insulation	
3B	Eaves and gable edges	There are a number of items this could cover but discussions with stakeholders suggests this would usually include lintels, and one photo is required per opening type.	 

PHOTOS

STAGE 4 OPENINGS: FOR EACH OPENING TYPE (ONE IMAGE PER WALL OR ROOF TYPE IS SUFFICIENT)

AD L Photo Ref	Photo Direction	AD L Guidance Note	Typical Example
4A	Window positioning in relation to cavity closer or insulation line.	One photo per window/door type internally and externally is sufficient here. Good practice would be to show a tape measure to check the window/door is in line with the cavity closer/insulation.	
4B	External doorset positioning in relation to cavity closer or insulation line.	One photo per window/door type internally and externally is sufficient here. Good practice would be to show a tape measure to check the window/door is in line with the cavity closer/insulation.	as 4A

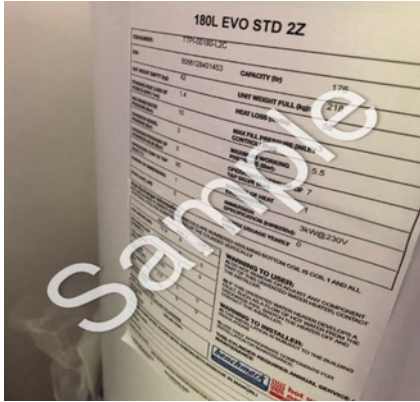

PHOTOS

STAGE 5 AIRTIGHTNESS

AD L Photo Ref	Photo Direction	AD L Guidance Note	Typical Example
5	tbc	This could be to show how items that penetrate the air barrier, which are not covered by other photos, are sealed.	

PHOTOS

STAGE 6 BUILDING SERVICES: FOR ALL PLANT ASSOCIATED WITH SPACE HEATING, HOT WATER, VENTILATION AND LOW OR ZERO CARBON TECHNOLOGY EQUIPMENT WITHIN OR ON THE BUILDING

AD L Photo Ref	Photo Direction	AD L Guidance Note	Typical Example
6A	Plant/ equipment identification label(s), including make/model and serial number.	Photos should show the labels clearly, identifying make and model of heating system and hot water cylinder.	
6B	Primary pipework continuity of insulation.		
6C	Mechanical ventilation ductwork continuity of insulation (for duct sections outside the thermal envelope).	Only needed for ductwork in unheated spaces and should show the insulated ductwork used.	

WHO WE ARE

Our core team of staff has experience in residential, commercial and industrial design. Our open plan and collaborative office allows staff to discuss projects and ideas openly, developing solutions that fit both client aspirations and budgets. Our practice seeks to provide clients with practical and cost efficient designs which are both beautifully elegant and effectively buildable.



WE HOPE THIS
GUIDE WAS
HELPFUL. PLEASE
CONTACT US IF YOU
REQUIRE FURTHER
ASSISTANCE.

This guide has been produced for is for
general information purposes only.

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