

House Type Approval Certificate

Certificate No: **STAS/21/056/DM118/11**

Date: **30 July 2021**

A	Certificate Holder:	
	<p>Barratt Home East Scotland, Telford House, 3 New Mid Cutlins, Edinburgh, EH11 4DH E-mail: matthew.watson@barratthomes.co.uk Tel: 0131 442 5700</p>	

B	House Type Titles:	
	Description: 2021 Standards	DUART SEMI (HIP & GABLE)

C	The domestic type approval has been assessed on the following drawings and specifications:
	See attached annexe to this certificate

D	Climatic conditions: The design may be built in areas where the climatic conditions are equal to or less than those detailed below:		
	Wind: (as defined in BS 6399-2)	Standard effective wind speed, V_e = For maximum effective height = Has funnelling been considered?	39.3 m/s 8.5 m NO
	Wind: (as defined in CP3: Chapter V)	Design wind speed, V_s = (relevant to the building frame, at a height of 3m or less)	N/A
	Snow: (as defined in BS 6399-3)	Site snow load, S_o = Influenced by adjacent buildings?	0.60 Kn/m2 No
	Resistance to moisture/durability of exposed elements:	Max exposure (to wind driven rain) grading, as defined in BRE Report – Thermal Insulation: Avoiding Risks, Second Edition, 1994, to be exposure zone: Exposure to sea spray (i.e. coastal region) or de-icing salts? Other air contaminants or biological factors – please specify any enhanced resistance if applicable (refer to BS7543 for guidance)	Exposure Zone 4 Yes
	Design Life: (per BS 7543 or equivalent Eurocode – Durability of buildings and building elements, products and components)	Category of building design life = Design life of primary building envelope	60 years 60 years

E	Conditions of certification:
	<ol style="list-style-type: none"> 1. The design shown and the specifications and materials referred to have been assessed and approved in accordance with the Building (Scotland) Regulations 2004 and in accordance with the supporting guidance in the Domestic Technical Handbooks which came into force with effect from 1 July 2017. 2. The certificate shall be valid until invalidated by formal notice by the Local Authority Building Standards Scotland 3. The design shown and the materials specified shall not be changed without reference to the Local Authority Building Standards Scotland responsible for certifying the system. 4. Where reference is made on a plan or specification document to any Code of Practice, British or European Standard or manufacturer's instruction it shall be construed as a reference to such publication in the form in which it is in force at the date of this certificate. 5. This certificate should not be regarded as a formal approval under the building warrant process prescribed by the Building (Scotland) Act 2003 enacted from 1 May 2005 6. Bayne Stevenson Associates structural statement dated December 2020 reference J3497 – STAS – Alba Range Timber Frame Design referenced here under Section G, confirm that a structural appraisal has been carried out. Further site-specific information MUST BE made available when a site-specific building warrant is sought. Such additional information should take cognisance of Procedural Guidance on Certification including information to be submitted with a Building Warrant Application dated April 2010 Version 2. Confirmation of a holistic approach to structural adequacy of the <u>entire completed building</u> shall be provided by a registered engineer to the local authority within whose area the site-specific dwelling is to be built.

Annexe of drawings, certificates and specification documents used in the assessment:

F	Drawing Number:	Description:	Version
	House Type Design Drawings (Gable)		
		<i>Date of Issue 30 April 2021</i>	
	P350 0-G2 01	Data Sheet	-
	P350 0-G2 02	Elevations	-
	P350 0-G2 03	Ground Floor Plan	-
	P350 0-G2 04	First Floor Plan	-
	P350 0-G2 05	Foundation Plan	-
	P350 0-G2 06	Joist Plan	-
	P350 0-G2-07	Roof Plan	-
	P350 0-G2 08	Section A-A	-
	P350 0-G2 09	Section B-B	-
	P350 0-G2 10	Kitchen Layout Plan	-
	P350 0-G2 12	Future Shower Room	-
	P350 0-G2 13	Planning Drawings 1	-
	P350 0-G2 14	Planning Drawings 2	-
	Structural Engineers Drawings		
	P350 0-G2 DS00	Structural Booklet	-
	J3497-448	Foundation & Ground Floor Slab Layout	-
	J3497-449	Superstructure	-
	J3497-450	Loadings, Details & Notes	-
	Heating & Hot Water		
	CD20/101-P350R-S8-10	Heating Installation GF	-
	CD20/101-P350R-S8-11	Heating Installation FF	-
	CD20/101-P350R-S8-20	Hot & Cold Water GF	-
	CD20/101-P350R-S8-21	Hot & Cold Water FF	-
	Ventilation		
	P350 0-H2 - Duart	Envirovent Ventilation Design	-
	SAP Certification		
	P350 0EG2	P350 0EG2 Section 6 2017 E/W Facing	-
	PV Design		
	P350R-S8 DS03	ET Gable Duart	
	Stair Design		
	P350 0-H2 RHWS 2587	P350 Stair Design	-
	House Type Design Drawings (Hip)		
		<i>Date of Issue 30 April 2021</i>	
	P350 0-H2 01	Data Sheet	
	P350 0-H2 02	Elevations	
	P350 0-H2 03	Ground Floor Plan	
	P350 0-H2 04	First Floor Plan	
	P350 0-H2 05	Foundation Plan	
	P350 0-H2 06	Joist Plan	
	P350 0-H2-07	Roof Plan	
	P350 0-H2 08	Section A-A	
	P350 0-H2 09	Section B-B	
	P350 0-H2 10	Kitchen Layout Plan	
	P350 0-H2 12	Future Shower Room	
	P350 0-H2 13	Planning Drawings 1	
	P350 0-H2 14	Planning Drawings 2	

F	Structural Engineers Drawings		
	P350 0-H2 DS00	Structural Booklet (Gable & Hip)	
	J3497-451	Foundation & Ground Floor Slab Layout	
	J3497-452	Superstructure	
	J3497-453	Loadings, Details & Notes	
	Heating & Hot Water		
	CD20/101-P350R-S8-10	Heating Installation GF	
	CD20/101-P350R-S8-11	Heating Installation FF	
	CD20/101-P350R-S8-20	Hot & Cold-Water GF	
	CD20/101-P350R-S8-21	Hot & Cold-Water FF	
	Ventilation		
	P350 0-H2 - Duart	Envirovent Ventilation Design	
	SAP Certification		
	P350 0EH2	P350 0EH2 Section 6 2017 E/W Facing	
	Stair Design		
	P350 0-H2 RHWS 2587	P350 Stair Design	
PV Design			
P350R-S8 DS03	ET Duart		
Specification			
Barratt North Scotland Timber Frame 2017 Specification		D	

G	Certification	
	Statement of Structural Adequacy	Bayne Stevenson Associates structural statement dated December 2020 reference J3497 – STAS – Alba Range Timber Frame Design

H	Authority:	
	This system type approval certificate consisting of 3 pages is authorised by:	
	Edinburgh City Council as Lead Authority on behalf of the Local Authority Building Standards Scotland (LABSS)	