



House Type Approval Certificate

Certificate No: Date: STAS/23/056/DM141/12 8 April 2024

А	Certificate H	older:						
		orth Scotland						
	Blairton House, Old Aberdeen Road,							
		Aberdeenshire, AB2		T-1-01250 711220				
	E-mail:gai	rry.bisset@barratthor	1es.co.uk	Tel: 01358 741320				
В	House Type	Titles:						
	Description:		gulations	lations GLAMIS 2020				
	'		0					
С	The domestic	type approval has be	en assessed	on the following drawings and specifications:				
Ŭ			annexe to this					
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 defi	ined in BS 6399-2)		effective wind speed, Ve =	41.4 m/s			
				num effective height =	8.5m			
				elling been considered?	No			
	Wind: (as def	ined in CP3:		ind speed, Vs =				
	ChapterV)		(relevant	to the building frame, at a height of 3m or less)	N/A			
	Snow: (as defined in BS 6399-3)		Site snow	/ load, So =	0.64 kN/m2			
				d by adjacent buildings?	No			
	Resistance to	moisture/durabilityot		osure (to wind driven rain) grading, as defined in BRE	Exposure Zones 1, 2, 3 and 4			
	exposed elem	nents:		Thermal Insulation: Avoiding Risks, Second Edition,				
				be exposurezone:				
				to sea spray (i.e., coastal region) or de-icing salts?	Yes/No			
				contaminants or biological factors - please specify any				
				d resistance if applicable (refer to BS7543 for guidance)				
		per BS 7543 –		of building design life = Design life of primary building	60 years			
	Durability of buildings and building		envelope		60 years			
	elements, products and components)				60 years			
	componenta)				<u> </u>			
Е	Conditions o	of certification:						
			specifications	and materials referred to have been assessed and approv	ved in accordance with the			
	Buildir	ng (Scotland) Regula	ions 2004 and	d in accordance with the supporting guidance in the Domes	stic Technical Handbooks which			
		into forcewith effect f						
	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.				uthority Building Standards			
					one of the stand of			
				ecification document to any Code of Practice, British or Eu				
	 manufacturer's instruction it shall be construed as a reference to such publication in the form in which it is in force at the material time at the point of construction. This certificate should not be regarded as a formal approval under the building warrant process prescribed by the Building 							
					Sensed by the Building			
	 (Scotland) Act 2003 enacted from 1 May 2005. Fairhurst letter dated 20 November 2020 reference 139663 – STAS – Caledonia 2020 Range referenced here under Section G, confirm that a structural appraisal has been carried out. It confirms that 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 							
	Certifi	Certification including information to be submitted with a Building Warrant Application dated April 2010 Version 2 (January 2017).						

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.
 This certificate confirms compliance with Mandatory Standard 6.1, based on example criteria with regards to orientation, shading,

7. This certificate confirms compliance with Mandatory Standard 6.1, based on example criteria with regards to orientation, shading, sheltering and resultant PV array efficiency. Site specific information will be required to confirm the actual DER for the STAS approved house type on each plot on a particular site.





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

F Drawing Number:	Description:	Rev
2020/S/GAM/DS1	Data Sheet	5
2020/S/GAM/01	Planning Drawings - Hipped	С
2020/S/GAM/02	Elevations - Hipped	A
2020/S/GAM/03	Ground Floor Plan	С
2020/S/GAM/04	First Floor Plan	В
2020/S/GAM/05	Foundation Plan	С
2020/S/GAM/05SEG	Foundation Plan External Gully	С
2020/S/GAM/06	Joist Plan	А
2020/S/GAM/07	Roof Plan - Hipped	В
2020/S/GAM/08	Section A-A	-
2020/S/GAM/09	Section B-B	-
2020/S/GAM/10	Kitchen Plan	Α
2020/S/GAM/11	Utility Plan	-
2020/S/GAM/12	Bedroom 4 Activity Spaces	-
2020/S/GAM/13	Future Shower Room	-
2020/S/GAM/14	Planning Drawings - Gable	С
2020/S/GAM/15	Elevations - Gable	А
2020/S/GAM/16	Roof Plan - Gable	В
Structural Engineer's Drawings		
139663/BGAM 02HD/002	Foundation Layout - Hipped	В
139663/BGAM 02GD/002	Foundation Layout - Gable	В
139663/BGAM 02HD/003	External Lintels & MJ - Hipped	A
139663/BGAM 02GD/003	External Lintels & MJ - Gable	A
AS-4247/01	Structural Components - Hipped	
AS-4246/01	Structural Components - Gable	
AS-4247/02	Foundation Line Loads - Hipped	
AS-4246/02	Foundation Line Loads - Gable	
Eco 2 Solar PV	Solar PV Arrangement - 405w Hip	R1
Eco 2 Solar PV	Solar PV Arrangement - 405w Gable	R1
Heating & Hot Water		
12595/M19	Ground Floor	A
12595/M20	First Floor	A
12595/M21	Equipment Schedule	A
Ventilation		
CAS 11568 14	Vent Axia	В

G Certification

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	Statement of Structural Adequacy	Fairhurst letter dated 20 November 2020 reference 139663 – STAS – Caledonia 2020 Range				

H Specifications Refer to Standard Details – STAS/23/056/DM141/DM142 Standard Details Standard Details Refer to Standard Specifications – STAS/23/056/DM141/DM142 SS Standard Specification BGAM 02GD Glamis-20 DS00 (Gable) Detached Section 6 2017 SAP BGAM 02HD Glamis-20 DS00 Hipped Roof Detached Section 6 2017 SAP

Authority:

This system type approval certificate consisting of 2 pages is authorised by **Scottish Building Standards Hub** on behalf on behalf of the Local Authority Building Standards Scotland (LABSS).