

Local Authority Building Standards Scotland [LABSS]



House Type Approval Certificate

Certificate No: STAS/23/056/DM141/19

Date: 8 April 2024

Certificate Holder:

Barratt North Scotland Blairton House, Old Aberdeen Road, Balmedie, Aberdeenshire, AB23 8SH

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House Type Titles:

2022 Regulations Description: **RAVENSCRAIG 2020**

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, Ve =	41.4 m/s		
	, ,	For maximum effective height =	8.5m		
		Has funnelling been considered?	No		
Wind: (as defined in CP3: Design wind speed, Vs =		Design wind 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		
		Influenced by adjacent buildings?	No		
	Resistance to moisture/durabilityof exposed elements:	Max exposure (to wind driven rain) grading, as defined in BRE Report – Thermal Insulation: Avoiding Risks, Second Edition, 1994, to be exposurezone:	Exposure Zones 1, 2, 3 and 4		
		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)	Yes/No		
	Design Life: (per BS 7543 –	Category of building design life = Design life of primary building	60 years		
	Durability of buildings and building	envelope			
	elements, products and components)		60 years		

Conditions of certification:

- 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 forcewith effect from 1 June 2022.
- 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 material time at the point of construction.
- 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.
- 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 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 entire completed building shall be provided by a registered engineer to the local authority within whose area the site-specific dwelling is to be built.
- 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/RVS/DS1	Data Sheet	6
	2020/S/RVS/01	Planning Drawings - Hipped	В
	2020/S/RVS/02	Elevations - Hipped	Α
	2020/S/RVS/03	Ground Floor Plan	С
	2020/S/RVS/04	First Floor Plan	В
	2020/S/RVS/05	Foundation Plan	Α
	2020/S/RVS/06	Joist Plan	-
	2020/S/RVS/07	Roof Plan - Hipped	Α
	2020/S/RVS/08	Section A-A	-
	2020/S/RVS/09	Section B-B	-
	2020/S/RVS/10	Section C-C	-
	2020/S/RVS/11	Kitchen Plan	-
	2020/S/RVS/12	Utility Plan	-
	2020/S/RVS/13	Bedroom 3 Activity Spaces	-
	2020/S/RVS/14	Future Shower Room	-
	2020/S/RVS/15	Planning Drawings - Gable	В
	2020/S/RVS/16	Elevations - Gable	Α
	2020/S/RVS/17	Roof Plan - Gable	Α
	Structural Engineer's Drawings		
	139663/RVS 02HS/001	Foundation Layout - Hipped	
	139663/RVS 02GS/001	Foundation Layout - Gable	
	139663/RVS 02HS/002	External Lintels & MJ - Hipped	
	139663/RVS 02GS/002	External Lintels & MJ - Gable	
	AS-4351/01	Structural Components - Hipped	
	AS-4351/02	Structural Components - Gable	
	AS-4351/03	Foundation Line Loads - Hipped	
	AS-4351/04	Foundation Line Loads - Gable	
	Eco 2 Solar PV	Outer DVA ware research AOS w Outer	D4
	ECO 2 SOIAF PV	Solar PV Arrangement - 405w Gable	R1
	Heating & Hot Water		+
	12595/M61	Ground Floor	Α
	12595/M62	First Floor	A
	12595/M63	Equipment Schedule	A
	12000/19100	Equipment concedite	
	Ventilation		
	CAS 11571 24	Vent Axia	В

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

Н	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	
	BRVS 02GS Ravenscraig-20 DS01 Gable Roof Semi-Det Section 6 2017	SAP	
	BRVS 02HS Ravenscraig-20 DS01 Hip Roof Semi-Det 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).