

Local Authority Building Standards Scotland [LABSS]



formerly the Scottish Association of Building Standards Managers [SABSM]

House Type Approval Certificate

Certificate No: STAS/17/052/DM74/07

Date: 13 November 2017

A Certificate Holder:

CALA Homes Ltd

Cairnlee House, Callendar Business Park, Callendar Road, Falkirk, FK1 1XE

E-mail: FWalsh@Cala.co.uk Tel: 01324 600140

B House Type Titles:

Description: GARVIE

The domestic type approval has been assessed on the following drawings and specifications:

See attached annexe to this certificate

Wind: (as defined in BS 6399-2)	Standard effective wind speed, Ve = For maximum effective height = Has funnelling been considered?	47.5 m/s 9m to ridge No
Wind: (as defined in CP3: Chapter V)	Design wind speed, Vs = (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 = Influenced by adjacent buildings?	0.75 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 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)	No None
Design Life: (per BS 7543 – Durability of buildings and building	Category of building design life =	60 years
elements, products and components)	Design life of primary building envelope	60 years

E 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 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. The Harley Haddow Consulting Engineers Statement of Structural Adequacy 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.



Drawing Number:

Garvie D20S:

Drainage plans: Garvie 6506-14

Ventilation plans:
Garvie GF DMEV-55

11122/M46

11122/M47

11122/M48

11122/M49

11122/M50

Α

С

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Description:

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

Revision:

CALA plans: GAR-WD1 GENERAL ARRANGEMENT - PLANS AND ELEVATIONS K GAR-WD2 UNDERBUILDING - GROUND BEARING SLAB G GAR-WD2.1 UNDERBUILDING - SUSPENDED SLAB G GAR-WD2.2 SECTIONS A-A AND B-B - ROOF TRUSS PROFILES GAR-WD6 STAIR DETAILS - PLANS & SECTIONS Harley Haddow plans: FOUNDATION & GROUNDBEARING SLAB LAYOUT & SECTIONS 30722-GAR-01 С 30722-GAR-02 FOUNDATION & SUSPENDED SLAB LAYOUT & SECTIONS С 30722-GAR-03 GROUND AND FIRST FLOOR LAYOUTS Ε 30722-GAR-04 **ROOF LAYOUT AND DETAILS** В 30722-GAR-05 В TIMBER FRAME CONSTRUCTION DETAILS NC Designs plans:

EQUIPMENT SCHEDULE (SINGLE ZONE)

ABOVE GROUND DRAINAGE ISOMETRIC

GROUND FLOOR DHW DESIGNS

FIRST FLOOR DHW DESIGNS

GROUND FLOOR SPACE HEATING DESIGNS (SINGLE ZONE)

GROUND FLOOR DECENTRALISED MECHANICAL EXTRACT VENTILATION

FIRST FLOOR SPACE HEATING DESIGNS (SINGLE ZONE)

Garvie FF DMEV-56	С	FIRST FLOOR DECENT	TRALISED MECHANICAL EXTRACT VENTILATION					
Certification								
CALA Homes Light and Space House Type Range STAS Approval			Harley Haddow (Edinburgh) Ltd dated 16 Nov 2016					
Statement Of Structural Adequacy								
A Y								
Specification								
CALA Homes Scottish Standard Construction Specification - Houses,			Elmhurst Energy U-Values and Condensation Risk Analysis, 10 Oct					
July 2017 (REV C)			2016					
CALA Homes Light and Space	e Collection Stan	dard Details - Houses,						
2015 Regs Scotland								
Briary Energy Consultants Stroma FSAP 2012 Energy Calculations								
	Certification CALA Homes Light and Space Statement Of Structural Adequates Specification CALA Homes Scottish Standa July 2017 (REV C) CALA Homes Light and Space 2015 Regs Scotland	Certification CALA Homes Light and Space House Type Rastatement Of Structural Adequacy Specification CALA Homes Scottish Standard Construction July 2017 (REV C) CALA Homes Light and Space Collection Stan 2015 Regs Scotland	Certification CALA Homes Light and Space House Type Range STAS Approval Statement Of Structural Adequacy Specification CALA Homes Scottish Standard Construction Specification - Houses, July 2017 (REV C) CALA Homes Light and Space Collection Standard Details - Houses, 2015 Regs Scotland					

1	Authority:				
	This system type approval certificate consisting of 2 pages is authorised by:	Signature:			
			Robert A Renton, Secretary to STAS		
			on behalf of the Local Authority Building Standards Scotland (LABSS)		