

Local Authority Building Standards Scotland [LABSS]



formerly the Scottish Association of Building Standards Managers [SABSM]

House Type Approval Certificate

Certificate No: STAS/17/065/DM64/06

Date: 15 January 2018

Certificate Holder:
Keepmoat, The Waterfront, Lakeside Boulevard, Doncaster, DN4 5PL.

E-mail: stu.king@keepmoat.com

Tel: 01709 263156

В	House Type Titles:		
	Description:	1114 Balvenie detached two storey house (with semi detached option)	

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

See attached annexe to this certificate

Climatic conditions: The design may be built in areas where the climatic conditions are equal to or less than those details.		detailed below:
Wind: (as defined in BS 6399-2)	Standard effective wind speed, Ve = For maximum effective height = Has funnelling been considered?	24.4 m/s 8.5m 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	C3 Medium
	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)	NO
Design Life: (per BS 7543 – Durability of buildings and building	Category of building design life =	50 years
elements, products and components)	Design life of primary building envelope	50 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 Harry Turnbull Ltd statement dated 04/05/2017 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 (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. However, this is based on a notional 'worst case' 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.



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

2014/1114-100 rev A 2014/1114-101 GA working drawing sheet 1 of 2 2014/1114-101 GA working drawing sheet 2 of 2 10271-21 Heating layout, schedule of equipment and installation notes 2008/SD/224 Internal doors – clear opening widths SD800 rev A Timber frame junction with ground bearing slab SD801 rev B Timber frame junction with suspended slab SD802 rev A Timber frame junction with ground bearing slab – basic gas protection SD803 rev A Timber frame junction with suspended slab – basic gas protection SD804 rev C Threshold details SD805 rev B Eaves and verge SD806 rev A Eaves and verge – room in roof SD807 rev A Ridge, hip and valley SD808 rev A Roof – abutment and junction with gable SD809 rev B Window – head, cill and jamb detail SD811 rev C Wall type SD812 Boiler panel HVN Balvenie STAS Oregon timber frame – first floor joist layout	F	Drawing Number:	Description:
10271-21 Heating layout, schedule of equipment and installation notes 2008/SD/224 Internal doors – clear opening widths SD800 rev A Timber frame junction with ground bearing slab SD801 rev B Timber frame junction with suspended slab SD802 rev A Timber frame junction with ground bearing slab – basic gas protection SD803 rev A Timber frame junction with suspended slab – basic gas protection SD804 rev C Threshold details SD805 rev B Eaves and verge SD806 rev A Eaves and verge – room in roof SD807 rev A Ridge, hip and valley SD808 rev A Roof – abutment and junction with gable SD809 rev B Window – head, cill and jamb detail SD811 rev C Wall type SD812 Boiler panel		2014/1114-100 rev A	GA working drawing sheet 1 of 2
2008/SD/224 Internal doors – clear opening widths SD800 rev A Timber frame junction with ground bearing slab SD801 rev B Timber frame junction with suspended slab SD802 rev A Timber frame junction with ground bearing slab – basic gas protection SD803 rev A Timber frame junction with suspended slab – basic gas protection SD804 rev C Threshold details SD805 rev B Eaves and verge SD806 rev A Eaves and verge – room in roof SD807 rev A Ridge, hip and valley SD808 rev A Roof – abutment and junction with gable SD809 rev B Window – head, cill and jamb detail SD810 rev A Intermediate floor details SD811 rev C Wall type SD812 Boiler panel		2014/1114-101	GA working drawing sheet 2 of 2
SD800 rev A Timber frame junction with ground bearing slab SD801 rev B Timber frame junction with suspended slab SD802 rev A Timber frame junction with ground bearing slab – basic gas protection SD803 rev A Timber frame junction with suspended slab – basic gas protection SD804 rev C Threshold details SD805 rev B Eaves and verge SD806 rev A Eaves and verge – room in roof SD807 rev A Ridge, hip and valley SD808 rev A Roof – abutment and junction with gable SD809 rev B Window – head, cill and jamb detail SD810 rev A Intermediate floor details SD811 rev C Wall type SD812 Boiler panel		10271-21	Heating layout, schedule of equipment and installation notes
SD801 rev B Timber frame junction with suspended slab SD802 rev A Timber frame junction with ground bearing slab – basic gas protection SD803 rev A Timber frame junction with suspended slab – basic gas protection SD804 rev C Threshold details SD805 rev B Eaves and verge SD806 rev A Eaves and verge – room in roof SD807 rev A Ridge, hip and valley SD808 rev A Roof – abutment and junction with gable SD809 rev B Window – head, cill and jamb detail SD810 rev A Intermediate floor details SD811 rev C Wall type SD812 Boiler panel		2008/SD/224	Internal doors – clear opening widths
SD802 rev A Timber frame junction with ground bearing slab – basic gas protection SD803 rev A Timber frame junction with suspended slab – basic gas protection SD804 rev C Threshold details SD805 rev B Eaves and verge SD806 rev A Eaves and verge – room in roof SD807 rev A Ridge, hip and valley SD808 rev A Roof – abutment and junction with gable SD809 rev B Window – head, cill and jamb detail SD810 rev A Intermediate floor details SD811 rev C Wall type SD812 Boiler panel		SD800 rev A	Timber frame junction with ground bearing slab
SD803 rev A Timber frame junction with suspended slab – basic gas protection SD804 rev C Threshold details SD805 rev B Eaves and verge SD806 rev A Eaves and verge – room in roof SD807 rev A Ridge, hip and valley SD808 rev A Roof – abutment and junction with gable SD809 rev B Window – head, cill and jamb detail SD810 rev A Intermediate floor details SD811 rev C Wall type SD812 Boiler panel		SD801 rev B	Timber frame junction with suspended slab
SD804 rev C Threshold details SD805 rev B Eaves and verge SD806 rev A Eaves and verge – room in roof SD807 rev A Ridge, hip and valley SD808 rev A Roof – abutment and junction with gable SD809 rev B Window – head, cill and jamb detail SD810 rev A Intermediate floor details SD811 rev C Wall type SD812 Boiler panel		SD802 rev A	Timber frame junction with ground bearing slab – basic gas protection
SD805 rev B Eaves and verge SD806 rev A Eaves and verge – room in roof SD807 rev A Ridge, hip and valley SD808 rev A Roof – abutment and junction with gable SD809 rev B Window – head, cill and jamb detail SD810 rev A Intermediate floor details SD811 rev C Wall type SD812 Boiler panel		SD803 rev A	Timber frame junction with suspended slab – basic gas protection
SD806 rev A Eaves and verge – room in roof SD807 rev A Ridge, hip and valley SD808 rev A Roof – abutment and junction with gable SD809 rev B Window – head, cill and jamb detail SD810 rev A Intermediate floor details SD811 rev C Wall type SD812 Boiler panel		SD804 rev C	Threshold details
SD807 rev A Ridge, hip and valley SD808 rev A Roof – abutment and junction with gable SD809 rev B Window – head, cill and jamb detail SD810 rev A Intermediate floor details SD811 rev C Wall type SD812 Boiler panel		SD805 rev B	Eaves and verge
SD808 rev A Roof – abutment and junction with gable SD809 rev B Window – head, cill and jamb detail SD810 rev A Intermediate floor details SD811 rev C Wall type SD812 Boiler panel		SD806 rev A	Eaves and verge – room in roof
SD809 rev B Window – head, cill and jamb detail SD810 rev A Intermediate floor details SD811 rev C Wall type SD812 Boiler panel		SD807 rev A	Ridge, hip and valley
SD810 rev A Intermediate floor details SD811 rev C Wall type SD812 Boiler panel		SD808 rev A	Roof – abutment and junction with gable
SD811 rev C Wall type SD812 Boiler panel		SD809 rev B	Window – head, cill and jamb detail
SD812 Boiler panel		SD810 rev A	
		SD811 rev C	Wall type
HVN Balvenie STAS Oregon timber frame – first floor joist layout			
		HVN Balvenie STAS	Oregon timber frame – first floor joist layout
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G	Certification:	
	V-WT-2 Robust Detail	Separating wall – timber frame (semi-detached houses only)
	Statement of structural adequacy	From Harry Turnbull Ltd dated 4 May 2017

Н	Specification:	
	Keepmoat – Scottish technical	Timber frame specification for all house types
	standards general building	
	specification – rev J	
	SAP ratings	For all house types
	U value calculations	For all elements
	Vent Axia Lo-carbon dMEV unit	Manufacturers information for ventilation system

I	Authority:	Y
	This system type approval certificate consisting of 2 pages is authorised by:	Signature:
		Lead Authority Building standards Manage on behalf of the Local Authority Building Standards Scotland (LABSS