

# Local Authority Building Standards Scotland [LABSS]



formerly the Scottish Association of Building Standards Managers [SABSM]

# House Type Approval Certificate

 Certificate No:
 STAS/16/005/DM61/03

 Date:
 15 January 2018

Α	Certificate Holder:		
	Persimmon Homes, Unit 1, Wester Inch Business Park, Old Well Court, Bathgate, West Lothian, EH48 2TQ.		
	E-mail: peter.Hacking@persimmonhomes.com	Tel: <b>0141 7662616</b>	

В	House Type Titles:	
	Description:	Newmore
		Terraced two storey house (including mid and end terraced types, optional
		windows to end terrace and options to external fabric finishes)

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 (and final in DC (200.2)) Charded finally and Ma		24 /-	
	Wind: (as defined in BS 6399-2)	Standard effective wind speed, Ve =	24 m/s	
		For maximum effective height =	5m	
		Has funnelling been considered?	NO	
	Wind: (as defined in CP3: Chapter	Design wind speed, Vs =	M/S	
	V)	(relevant to the building frame, at a height of 3m or less)		
	Snow: (as defined in BS 6399-3)	Site snow load, So =	0.60 Kn/m2	
		Influenced by adjacent buildings?	NO	
	Resistance to moisture/durability	Max exposure (to wind driven rain) grading, as defined in BRE Report –	Zone 1/ Zone 2/ Zone 3	
	of exposed elements:	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)	NO	
		11 , 3 ,		
	Design Life: (per BS 7543 –	Category of building design life =	50 years	
	Durability of buildings and building		ŕ	
	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 Indev Consult Ltd statement dated 1/11/2016 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 national '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:

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F	Drawing Number:	Description:		
V6-TF-0799t(15)001A Rev D Schedules & Electrical Legend Option A		Schedules & Electrical Legend Option A		
	V6-TF-0799t(15)001B Rev C	Schedules & Electrical Legend Option B		
	V6-TF-0799t(15)001C Rev C	Schedules & Electrical Legend Option C		
	V6-TF-0799t(15)001D Rev C	Schedules & Electrical Legend Option D		
	V6-TF-0799t(15)101	Foundation & Drainage Layout		
	V6-TF-0799t(15)102 Rev B	Drainage Isometric		
	V6-TF-0799t(15)201A Rev E	Ground Floor Plan Option A Mid-Terrace Arrangement		
	V6-TF-0799t(15)201B Rev E	Ground Floor Plan Option B End Terraced Right Gable		
	V6-TF-0799t(15)201C Rev F	Ground Floor Plan Option C End Terraced Feature Window		
_	V6-TF-0799t(15)201D Rev D	Ground Floor Plan Option D End Terraced Left Gable		
	V6-TF-0799t(15)202A Rev B	First Floor Plan Option A Mid-Terrace Arrangement		
	V6-TF-0799t(15)202B Rev B	First Floor Plan Option B End Terraced Right Gable		
	V6-TF-0799t(15)202C Rev B	First Floor Plan Option C End Terraced Feature Window		
	V6-TF-0799t(15)202D Rev B	First Floor Plan Option D End Terraced Left Gable		
	V6-TF-0799t(15)301 Rev A	Section A-A		
	V6-TF-0799t(15)302 Rev A	Section Through future shower		
	V6-TF-0799t(15)401A Rev B	Elevations - BF1 Option A Mid Terrace Arrangement		
	V6-TF-0799t(15)401B Rev B	Elevations - BF1 Option B End Terrace Right Gable		
	V6-TF-0799t(15)401C Rev C	Elevations - BF1 Option C End Terraced Feature Window		
	V6-TF-0799t(15)401D Rev B	Elevations - BF1 Option D End Terraced Left Gable		
	V6-TF-0799t(15)402A Rev B	Elevations – BF2 Option A Mid Terrace Arrangement		
	V6-TF-0799t(15)402B Rev B	Elevations – BF2 Option B End Terrace Right Gable		
	V6-TF-0799t(15)402C Rev C	Elevations – BF2 Option C End Terraced Feature Window		
	V6-TF-0799t(15)402D Rev B	Elevations – BF2 Option D End Terraced Left Gable		
	V6-TF-0799t(15)403A Rev B	Elevations – BF3 Option A Mid Terrace Arrangement		
	V6-TF-0799t(15)403B Rev B	Elevations – BF3 Option B End Terrace Right Gable		
	V6-TF-0799t(15)403C Rev C	Elevations – BF3 Option C End Terraced Feature Window		
	V6-TF-0799t(15)403D Rev B	Elevations – BF3 Option D End Terraced Left Gable		
	V6-TF-0799t(15)404A Rev B	Elevations – BF4 Option A Mid Terrace Arrangement		
	V6-TF-0799t(15)404B Rev B	Elevations – BF4 Option B End Terrace Right Gable		
	V6-TF-0799t(15)404C Rev C	Elevations – BF4 Option C End Terraced Feature Window		
	V6-TF-0799t(15)404D Rev B	Elevations – BF4 Option D End Terraced Left Gable		
	V6-TF-0799t(15)405A Rev B	Elevations – BF5 Option A Mid Terrace Arrangement		
	V6-TF-0799t(15)405B Rev B	Elevations – BF5 Option B End Terrace Right Gable		
	V6-TF-0799t(15)405C Rev C	Elevations – BF5 Option C End Terraced Feature Window		
	V6-TF-0799t(15)405D Rev B	Elevations – BF5 Option D End Terraced Left Gable		





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V6-TF-0799t(15)412A Rev B	Elevations – SF2 Option A Mid Terrace Arrangement
V6-TF-0799t(15)412B	Elevations – SF2 Option B End Terrace Right Gable
Rev B	Lievations – 31 2 Option B End Terrace Night Gable
V6-TF-0799t(15)412C	Elevations – SF2 Option C End Terraced Feature Window
Rev C	
V6-TF-0799t(15)412D	Elevations – SF2 Option D End Terraced Left Gable
Rev B	·
V6-TF-0799t(15)414A Rev B	Elevations – SF4 Option A Mid Terrace Arrangement
V6-TF-0799t(15)414B	Elevations – SF4 Option B End Terrace Right Gable
Rev B	Eloration of Foption 5 End Fortace High Cable
V6-TF-0799t(15)414C	Elevations – SF4 Option C End Terraced Feature Window
Rev C	
V6-TF-0799t(15)414D Rev B	Elevations – SF4 Option D End Terraced Left Gable
16-098-	
TIMBERKITBASE-	Newmore Structural Layouts
413 Rev D	
16-098-	
TIMBERKITBASE-	Newmore Structural Details
426	Nourmore Leveut Option A Mid Torrose
TF1885A/001 Rev B TF1885A/002 Rev B	Newmore Layout – Option A Mid Terrace  Newmore GF & FF Panel Elevations - Option A Mid Terrace
TF1885A/003	Lismore Apex Panels - Option A Mid Terrace
TF1885B/001 Rev B	Newmore Layout – Option B End Terrace Right Gable
TF1885B/002 Rev B	Newmore GF & FF Panel Elevations - Option B End Terrace Right Gable
TF1885B/003	Lismore Apex Panels - Option B End Terrace Right Gable
TF1885B/003 TF1885C/001 Rev B	Newmore Layout – Option C End Terrace Right Gable
TF1885C/001 Rev B	Newmore GF & FF Panel Elevations - Option C End Terraced Feature Window
TF1885C/003	Lismore Apex Panels - Option C End Terraced Feature Window
TF1885D/001 Rev B	Newmore Layout – Option D End Terraced Left Gable
TF1885D/001 Rev B	Newmore GF & FF Panel Elevations - Option D End Terraced Left Gable
TF1885D/003	Lismore Apex Panels - Option D End Terraced Left Gable
JJI-NEWM-MT-OPT A	JJI Layout Option A
JJI-NEWM-ET-OPT B	JJI Layout Option B
JJI-NEWM-ET-OPT C	JJI Layout Option C
JJI-NEWM-ET-OPT D	JJI Layout Option D
F-DETAILS-001	JJI Joist Details and Notching Parameters
TF-D(1)01	Ground Bearing Slab Detail
TF-D(1)02	Suspended Slab Detail
TF-D(1)05 Rev A	Level Access Threshold Detail
TF-D(1)06	Stepped Access Threshold Detail
TF-D(1)09 Rev B	GB & Suspended. Slab Seperating Wall Detail
TF-D(1)10 Rev B	Stepped Party Wall Detail
TF-D(1)11	Dwarf Wall Detail
TF-D(2)01	External Wall Make Up
TF-D(2)02 Rev C	Stepped Brick Soldier Course Cill Detail
TF-D(2)03 Rev C	Brick Jamb Detail
TF-D(2)04 Rev C	Brick Head Detail
TF-D(2)05 Rev C	Precast Cill Detail
TF-D(2)06 Rev C	Precast Jamb Detail
TF-D(2)07 Rev C	Precast Head Detail
TF-D(2)10	Expansion Joint Detail
TF-D(2)11 Rev D	Steel Goalpost Arrangements
TF-D(2)12 Rev A	Steel Lintol/beam fire protection
TF-D(2)16 Rev A	Steel post and beam connection
TF-D(2)21 Rev A	Seperating Wall Junction - no service zone
TF-D(2)23	Steel Lintol/beam - External and WC
TF-D(3)01	Standard Internal Wall Make Ups (Section)
TF-D(3)02	Standard Internal Wall Make Ups (Plan)
TF-D(3)03	Acoustic Internal Wall Make Ups (Section)
TF-D(3)04	Accessible Sanitary Accommodation Grab Rails
TF-D(4)01 Rev A	Standard Mid Floor Make-Up
TF-D(4)02 Rev A	Perpendicular Joist Mid Floor Junction at External Wall
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TF-D(4)03 Rev A	Parallel Joist Mid Floor Junction at External Wall
TF-D(4)04 Rev B	Parallel & Perpendicular Joist Mid Floor at Sep. Wall
TF-D(4)06 Rev B	Stair Trimmer Detail
TF-D(5)01 Rev B	Standard Eaves Detail
TF-D(5)02 Rev B	Standard Eaves at Window Head Detail
TF-D(5)03 Rev B	Standard Verge Detail
TF-D(5)04 Rev A	Standard Ridge Detail
TF-D(5)06 Rev A	Standard Abutment Detail
TF-D(5)07 Rev B	Seperating Wall Detail
TF-D(5)08 Rev B	Stepped Seperating Wall Detail
TF-D(5)09 Rev A	Condensation trap to Eaves Detail
TF-D(5)10	Stepped Wall Detail
TF-D(5)13	Door Head Canopy
TF-D(5)14 Rev A	Stepped Seperating Wall Detail (FB Finish)
TF-D(5)15	Flexible Ducting Installation
TF-D(6)01	SVP Box-In Detail
TF-D(6)03	Wet Floor Formation Detail
TF-D(6)04	Drainage Pipe Backfill Detail
TF-D(6)05	Wall Mounted Combi Boiler Detail
TF-D(6)06 Rev B	Service Zone for Low Level/Below Cills
TF-D(6)08	In Building Infrastructure Detail
TF-D(7)01	Internal Door Jamb Detail
TF-D(7)02	External & Internal Pass Door Clearances
TF-D(7)03	Canopy Post Detail
TF-D(7)06	Door at Stair Detail - Full Height Door Detail
TF-D(7)07	Shower Tray at Base detail
TF-D(7)08	Downlight at shower upgrade detail
TF-D(7)09	Pigs Ear' Handrail Detail
TF-D(7)14	Bedroom Furniture Activity Spaces

G	Certification:	
	Statement of structural adequacy From Indev Consult LTD dated 01/11/2016	
Osma Soil and vent Systems BBA For AAV's		For AAV's
Certificate No. 86/1643		
	Easy Trim Breather Membranes BBA For Roof Membrane	
	Certificate No. 10/4753	
Charlie Fleming Associates – For Fully Insulated Separating Wall Cavity		For Fully Insulated Separating Wall Cavity
	Acoustical Consultants Report	

Н	Specification:	
	STR-TF C SPEC V6 Rev J	V6 Technical Specification Timber Frame – All House Types
	STR-TF-DHDSPEC-V6 Heating Design Specification	
	JJI-Joist Technical Bulletin 38 For Intermediate Floors	
	Acoustic Performance	
	SRL Technical Report Sound Testing Results for Intermediate Floor	
	Acoustic Consultant Report Sound Insulation of Separating Wall with Steel Post Detail	
	SAP ratings	For all house types
	U value calculations	For all elements

I	Authority:		
	This system type approval certificate consisting of 4 pages is authorised by:	Signature:	A-VD
			Lead Authority Building standards Manager on behalf of the Local Authority Building Standards Scotland (LABSS)