

Local Authority Building Standards Scotland [LABSS]



formerly the Scottish Association of Building Standards Managers [SABSM]

House Type Approval Certificate

Certificate No: STAS/16/005/DM61/20
Date: 22 September 2017

Α	Certificate Holder:		
	Persimmon Homes, Unit 1, Wester Inch Business Park, Old Well Court, Bathgate, West Lothian, EH48 2TQ.		
	E-mail: <u>peter.Hacking@persimmonhomes.com</u>	Tel: 01506 638300	

В	House Type Titles:	
	Description:	Warriston
		Detached two storey house (including options to external fabric finishes)

С	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 =	24 m/s
	For maximum effective height =	5m
	Has funnelling been considered?	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?	0.60 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:	Zone 1/ Zone 2/ Zone 3
	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 –	Category of building design life =	50 years
Durability of buildings and building 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:

F	Drawing Number:	ates and specification documents used in the assessment:			
Г	Drawing Number:	Description:			
	V6-TF-	Schedules & Electrical Legend			
_	1481d(15)001 Rev C	Schedules & Electrical Eegend			
	V6-TF- 1481d(15)101 Rev A	Foundation & Drainage Layout			
-	V6-TF-				
	14811d(15)102 Rev C Drainage Isometric				
	V6-TF- 1481d(15)201 Rev B	Ground Floor Plan			
-	V6-TF- 1481d(15)202 Rev B	First Floor Plan			
	V6-TF- 1481d(15)301	Section A-A			
	V6-TF- 1481d(15)302 Rev A	Section B-B			
_	V6-TF- 1481d(15)401 Rev A	Elevations - BF1			
	V6-TF- 1481d(15)402 Rev A	Elevations - BF2			
	V6-TF- 1481d(15)403 Rev A	Elevations - BF3			
	V6-TF- 1481d(15)404 Rev A	Elevations - BF4			
	V6-TF- 1481d(15)405 Rev A	Elevations - BF5			
	V6-TF- 1481d(15)412 Rev A	Elevations - SF2			
	V6-TF- 1481d(15)414 Rev A	Elevations - SF4			
	16-098- STRUCTURALBAS E-323	Warriston Structural Details			
	16-098- TIMBERKITBASE- 419 Rev B	Warriston Structural Layouts			
	TF1891/001 Rev C	Warriston Layout			
	TF1891/002 Rev A	Warriston Roof Layout			
_	TF1891/003 Rev C	Trinity GF & FF Panel Elevations			
-	TF1891/004 Rev B 3.31.056 U	Warriston Apex Panels JJI Layout			
-	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)07	Garage Threshold Detail			
	TF-D(1)08 Rev A	Garage-House Seperating Wall Detail (Ground.B Slab)			
-	TF-D(1)11	Dwarf Wall Detail			
_	TF-D(1)12 Rev A	Garage House Seperating Wall Detail (Susp. Slab)			
	TF-D(1)13 Rev A	Garage House Seperating Wall Detail (Step > 150mm) External Wall Make Up			
-	TF-D(2)01 TF-D(2)02 Rev B				
-	TF-D(2)02 Rev B	Stepped Brick Soldier Course Cill Detail Brick Jamb Detail			
	TF-D(2)03 Rev B	Brick Head Detail			
_	TF-D(2)05 Rev B	Precast Cill Detail			
	TF-D(2)06 Rev B	Precast Jamb Detail			
	TF-D(2)07 Rev B	Precast Head Detail			
	TF-D(2)10	Expansion Joint Detail			
	TF-D(2)15 Rev A	Fire Protection to structural elements			
	TF-D(3)01	Standard Internal Wall Make Ups (Section)			
	5(0/01	Standard Internal Pair Marke Ope (Cootion)			





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	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			
	TF-D(4)03 Rev A		oor Junction at External Wall		
	TF-D(4)05 Rev A	Garage Wall at Mid Floor Detail			
	TF-D(4)06 Rev B	Stair Trimmer Detail			
	TF-D(5)01 Rev B	Standard Eaves De	tail		
	TF-D(5)02 Rev B		Window Head Detail		
	TF-D(5)03 Rev B	Standard Verge De			
	TF-D(5)04 Rev A	Standard Ridge De			
	TF-D(5)05 Rev A	Standard Valley De			
	TF-D(5)06 Rev A	Standard Abutment			
	TF-D(5)09 Rev A	Condensation trap t			
	TF-D(5)13	Door Head Canopy			
	TF-D(5)15	Flexible Ducting Ins			
	TF-D(6)01	SVP Box-In Detail			
	TF-D(6)03	Wet Floor Formatio	n Detail		
	TF-D(6)04	Drainage Pipe Back			
	TF-D(6)05	Wall Mounted Com			
	TF-D(6)06 Rev A	Service Zone for Lo			
	TF-D(6)07	Fire Collar Detail			
	TF-D(6)08	In Building Infrastru	cture Detail		
	TF-D(7)01	Internal Door Jamb			
	TF-D(7)02	External & Internal	Pass Door Clearances		
	TF-D(7)03	Canopy Post Detail			
-	TF-D(7)07	Shower Tray at Bas			
_	TF-D(7)08	Downlight at showe	shower upgrade detail		
	TF-D(7)09	Pigs Ear' Handrail [Detail		
-	TF-D(7)14	Bedroom Furniture	edroom Furniture Activity Spaces		
G	Certification:				
9	Statement of structur	al adequacy	From Indev Consult LTD dated 01/11/2016		
	Osma Soil and vent S	ystems BBA	For AAV's		
	Certificate No. 86/164				
	Easy Trim Breather M		For Roof Membrane		
	Certificate No. 10/4753				
	Quelfire Technical Lit	erature	For Fire Collar		
H 5	Specification:				
9	STR-TF C SPEC V6 Rev I		V6 Technical Specification Timber Frame – All House Types		
	STR-TF-DHDSPEC-V6		Heating Design Specification		
	JJI-Joist Technical Bu		For Intermediate Floors		
	Acoustic Performanc				
	SRL Technical Repor	T .	Sound Testing Results for Intermediate Floor		
,	SAP ratings		For all house types		
	U value calculations		For all elements		

I	Authority:			
	This system type approval certificate consisting of 3 pages is authorised by:	Signature:	A-V-D	
			on behalf of the Local Authority Building Standards Scotland (LABSS)	