

Local Authority Building Standards Scotland [LABSS]



formerly the Scottish Association of Building Standards Managers [SABSM]

House Type Approval Certificate

Certificate No: STAS/16/005/DM61/21

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: peter.Hacking@persimmonhomes.com	Tel: 01506 638300	

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

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
	potential to the balloning marrier at a resign at only at 1000	
Snow: (as defined in BS 6399-3)	Site snow load, So =	0.60 Kn/m2
	Influenced by adjacent buildings?	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 1/ Zone 2/ Zone 3
	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 –	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:

	<u> </u>	ates and specification documents used in the assessment:	
F	Drawing Number:	Description:	
V6-TF- Schedules & Electrical Legend		Schedules & Electrical Legend	
_	1648d(15)001 Rev C V6-TF-		
	1648d(15)101 Rev A	Foundation & Drainage Layout	
	V6-TF-	Drainage Isometric	
_	1648d(15)102 Rev B	Drainage isomethe	
	V6-TF- 1648d(15)201 Rev B	Ground Floor Plan	
	V6-TF- 1648d(15)202 Rev A	First Floor Plan	
	V6-TF- 1648d(15)301 Rev A	Section A-A	
	V6-TF- 1648d(15)302 Rev B	Section B-B	
	V6-TF- 1648d(15)401 Rev A	Elevations - BF1	
_	V6-TF- 1648d(15)402 Rev A	Elevations - BF2	
	V6-TF- 1648d(15)403 Rev A	Elevations - BF3	
	V6-TF- 1648d(15)404 Rev A	Elevations - BF4	
	V6-TF- 1648d(15)405 Rev A	Elevations - BF5	
V6-TF- 1648d(15)412 Rev A Elevations - SF2		Elevations - SF2	
	V6-TF- 1648d(15)414 Rev A	Elevations - SF4	
	16-098- STRUCTURALBAS E-322	Trinity Structural Details	
	16-098- TIMBERKITBASE- 418 Rev B	Trinity Structural Layouts	
	16-098- TIMBERKITBASE- 430	Trinity Structural Details	
	TF1892/001 Rev D	Trinity Layout	
	TF1892/003	Trinity GF Panel Elevations	
	TF1892/004	Trinity FF Panel Elevations	
	TF1892/005 3.31.056 U	Trinity 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	
		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)		
	TF-D(2)01 External Wall Make Up		
	TF-D(2)02 Rev B	Stepped Brick Soldier Course Cill Detail	
	TF-D(2)03 Rev B	Brick Jamb Detail	
	TF-D(2)04 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	





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	TF-D(2)10	Expansion Joint De		
	TF-D(2)15 Rev A	Fire Protection to structural elements		
	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		t Mid Floor Junction at External Wall	
	TF-D(4)03 Rev A	Perpendicular Joist Wild Floor Junction at External Wall Parallel Joist Mid Floor Junction at External Wall		
	TF-D(4)06 Rev B	Stair Trimmer Deta		
	TF-D(5)01 Rev B	Standard Eaves Detail		
	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 Abutmen		
	TF-D(5)00 Rev A	Condensation trap		
	TF-D(5)13	Door Head Canopy		
	TF-D(5)15	Flexible Ducting In:		
	TF-D(6)01	SVP Box-In Detail	Staliation	
	TF-D(6)03	Wet Floor Formation Detail		
	TF-D(6)04			
	TF-D(6)05	Drainage Pipe Backfil Detail Wall Mounted Combi Boiler Detail		
	TF-D(6)05		ow Level/Below Cills	
	TF-D(6)08			
	TF-D(7)01	In Building Infrastructure Detail Internal Door Jamb Detail		
	TF-D(7)01			
	TF-D(7)02	External & Internal Pass Door Clearances		
	TF-D(7)05	Canopy Post Detail		
	TF-D(7)00	Door at Stair Detail - Full Height Door Detail		
	TF-D(7)08	Shower Tray at Base detail		
	TF-D(7)09	Downlight at shower upgrade detail Pigs Ear' Handrail Detail		
	TF-D(7)14	Bedroom Furniture		
	1F-D(1)14	Deditooni Funiture	Activity Spaces	
<u> </u>	Contification			
G	Certification:	nol adamus	From Indox Consult LTD dated 01/11/201/	
	Statement of structu		From Indev Consult LTD dated 01/11/2016	
	Osma Soil and vent S		For AAV's	
	Certificate No. 86/164	Aomhranac DDA	For Doof Mombrono	
	Easy Trim Breather Membranes BBA		For Roof Membrane	
	Certificate No. 10/475	00		
	C!6:!			
Н			W. Tashnisal Charling Timber France All House Trans-	
	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 Bulletin 38		For Intermediate Floors	
	Acoustic Performance		Count Tooking Doorika for historicalists Floor	
	SRL Technical Report		Sound Testing Results for Intermediate Floor	
	SAP ratings		For all house types	
	U value calculations		For all elements	
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Authority:		
This system type approval certificate consisting of 3 pages is authorised by:	Signature:	N. A.D.
		on behalf of the Local Authority Building Standards Scotland (LABSS)