

Local Authority Building Standards Scotland [LABSS]



formerly the Scottish Association of Building Standards Managers [SABSM]

House Type Approval Certificate

Certificate No: STAS/18/083/DM94/02

Date: 08 April 2019

A Certificate Holder:

Dandara Ltd., Isle of Man Business Park, Cooil Road, Bradden, Isle of Man IM2 2SA per Dandara Ltd., 16 Beech Manor, Stoneywood, ABERDEEN AB21 9AZ

E-mail: jmcintosh@dandara.com Tel: 01224 713 713

B House Type Titles:

Description: DANDARA 2018 POPLAR 3

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 =	45.1 m/s	
	For maximum effective height =	9.0m	
	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?	0.64 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 / Zone 4 To be determined by site to site basi	
	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)	To be determined by site to site bas	
Design Life: (per BS 7543 –	Category of building design life =	60 years	
Durability of buildings and building		,	
elements, products and	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.
- 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.
 This certificate should not be regarded as a formal approval under the building warrant process prescribed by the Building (Scotland) Act
- This certificate should not be regarded as a formal approval under the building warrant process prescribed by the Building (Scotland) Ac 2003 enacted from 1 May 2005
 The A. Ramsay BSc(Hons) CEng MIStructE MICE statement dated January 2019 referenced here under Section G, confirm that a
- 6. The A. Ramsay BSc(Hons) CEng MIStructE MICE statement dated January 2019 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. 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.



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

Drawing Number:	Description:
POPLAR 3 HOUSETYPE (ONE WINDOW TO BED 3)	
FLOOR PLANS (1 WINDOW) S LH END	STAS_PO3_350
FLOOR PLANS (1 WINDOW) H RH END	STAS_PO3_351
FLOOR PLANS (1 WINDOW) S MID	STAS PO3 352
FLOOR PLANS (1 WINDOW) H MID	STAS_PO3_353
FLOOR PLANS (1 WINDOW) S RH END	STAS_PO3_354
FLOOR PLANS (1 WINDOW) H LH END	STAS PO3 355
ELEVATIONS (1 WINDOW) S LH END & H LH END - FLAT	STAS_P03_450
ELEVATIONS (1 WINDOW) S LH END & H LH END - FLAT	STAS_P03_451
ELEVATIONS (1 WINDOW) S MID & H MID - FLAT	STAS PO3 452
ELEVATIONS (1 WINDOW) S MID & H MID - FLAT	STAS PO3_453/ STAS PO3_454
ELEVATIONS (1 WINDOW) S RH END & H RH END - FLAT ELEVATIONS (1 WINDOW) S RH END & H RH END - FLAT	STAS PO3 454 STAS PO3 455
ELEVATIONS (1 WINDOW) S RH END & H RH END - FLAT ELEVATIONS (1 WINDOW) S LH END & H LH END - LEAN TO	STAS PO3 456
ELEVATIONS (1 WINDOW) S LH END & H LH END - LEAN TO ELEVATIONS (1 WINDOW) S LH END & H LH END - LEAN TO	STAS PO3 450 STAS PO3 457
ELEVATIONS (1 WINDOW) S MID & H MID - LEAN TO	\$TAS PO3 458
ELEVATIONS (1 WINDOW) S MID & H MID - LEAN TO	STAS PO3 459
ELEVATIONS (1 WINDOW) S RH END & H RH END - LEAN TO	STAS PO3 460
ELEVATIONS (1 WINDOW) S RH END & H RH END - LEAN TO ELEVATIONS (1 WINDOW) S RH END & H RH END - LEAN TO	STAS PO3 461
ELEVATIONS (1 WINDOW) S LH END & H LH END - PITCHED	STAS PO3 462
ELEVATIONS (1 WINDOW) S LH END & H LH END - PITCHED	STAS PO3 463
ELEVATIONS (1 WINDOW) S MID & H MID - PITCHED	STAS PO3 464
ELEVATIONS (1 WINDOW) S MID & H MID - PITCHED	STAS PO3 465
ELEVATIONS (1 WINDOW) S RH END & H RH END - PITCHED	STAS PO3 466
ELEVATIONS (1 WINDOW) S RH END & H RH END - PITCHED	STAS PO3 467
POPLAR 3 HOUSETYPE (TWO WINDOWS TO BED 3)	
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FLOOR PLANS (2 WINDOW) S LH END	STAS PO3 356
FLOOR PLANS (2 WINDOW) H RH END	STAS_PO3_357
FLOOR PLANS (2 WINDOW) I MID	STAS PO3 358
FLOOR PLANS (2 WINDOW) H MID	STAS PO3 359
FLOOR PLANS (2 WINDOW) S RH END	STAS PO3 360
FLOOR PLANS (2 WINDOW) H LH END	STAS PO3 361
ELEVATIONS (2 WINDOW) S LH END & H LH END - FLAT	STAS PO3 470
ELEVATIONS (2 WINDOW) S LH END & H LH END - FLAT	STAS PO3 471
ELEVATIONS (2 WINDOW) S MID & H MID - FLAT	STAS_PO3_472
ELEVATIONS (2 WINDOW) S MID & H MID - FLAT	STAS_PO3_473
ELEVATIONS (2 WINDOW) S RH END & H RH END - FLAT	STAS_PO3_474
ELEVATIONS (2 WINDOW) S RH END & H RH END - FLAT	STAS_PO3_475
ELEVATIONS (2 WINDOW) S LH END & H LH END - LEAN TO	STAS_PO3_476
ELEVATIONS (2 WINDOW) S LH END & H LH END - LEAN TO	STAS_PO3_477
ELEVATIONS (2 WINDOW) S MID & H MID - LEAN TO	STAS_PO3_478
ELEVATIONS (2 WINDOW) S MID & H MID - LEAN TO	STAS_PO3_479
ELEVATIONS (2 WINDOW) S RH END & H RH END - LEAN TO	STAS_PO3_480
ELEVATIONS (2 WINDOW) S RH END & H RH END - LEAN TO	STAS_PO3_481
ELEVATIONS (2 WINDOW) S LH END & H LH END - PITCHED	STAS_PO3_482
ELEVATIONS (2 WINDOW) S LH END & H LH END - PITCHED	STAS PO3 483
ELEVATIONS (2 WINDOW) S MID & H MID - PITCHED	STAS_PO3_484
ELEVATIONS (2 WINDOW) S MID & H MID - PITCHED	STAS_PO3_485
ELEVATIONS (2 WINDOW) S RH END & H RH END - PITCHED	STAS_PO3_486
ELEVATIONS (2 WINDOW) S RH END & H RH END - PITCHED	STAS_PO3_487
POPLAR 3 HOUSETYPE (TWO WINDOWS TO BED 3)	
SECTIONS (STANDARD)	STAS PO3 400
SECTIONS (HANDED)	STAS_PO3_401



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G	Certification:				
	Statement of structural adequacy	From A. Ramsay BSc(Hons) CEng MIStructE MICE Consulting Engineer Ltd dated January 2019			
н	Specification:				
	Section 6 Energy	Generic (worst case in terms of location and orientation) SAP calculations have been produced for each house type, on the basis that plot specific SAPs will be submitted to relevant local authority for individual projects and to demonstrate a pass is achievable.			
	STAS_Transmittal 31-01-2019				
	STAS_NOTES_100_CONSTRUCTION NOTES				
1	Authority:				
	This system type approval certificate consisting of 3 pages is authorised by:	Signature:	Gordon Spence	00	
	Lead Authority Building Standards Manager on behalf of the Local Authority Building Standards Scotland (LABSS)				