

House Type Approval Certificate

Certificate No: **STAS/19/083/DM98/05**

Date: **03 July 2019**

A	Certificate Holder:	
	Dandara Ltd 16 Beech Manor, Stoneywood, ABERDEEN AB21 9AZ E-mail: jmcintosh@dandara.com	
		Tel: 01224 713 713

B	House Type Titles:	
	Description:	POPLAR 2

C	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: (as defined in BS 6399-2)	Standard effective wind speed, V_e = For maximum effective height = Has funnelling been considered?	45.1m/s 9.0m No
	Wind: (as defined in CP3: Chapter V)	Design wind speed, V_s = (relevant to the building frame, at a height of 3m or less)	N/A
	Snow: (as defined in BS 6399-3)	Site snow load, S_o = Influenced by adjacent buildings?	0.64kN/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: 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)	Exposure Zones 1, 2, 3 and 4 - To be determined by site to site basis To be determined by site to site basis
	Design Life: (per BS 7543 – Durability of buildings and building elements, products and components)	Category of building design life = Design life of primary building envelope	60 years 60 years

E	Conditions of certification:	
	<ol style="list-style-type: none"> 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. The certificate shall be valid until invalidated by formal notice by the Local Authority Building Standards Scotland 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 2003 enacted from 1 May 2005 The Dandara Statement of Structural Adequacy (dated March 2019) referenced here under Section G, confirms that a structural appraisal has been carried out. It confirms that 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 (January 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. 	

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

F	Drawing Number:	Revision:	Description:
	Dandara plans:		
	STAS_PO2_350	-	POPLAR 2 FLOOR PLANS (2 WINDOW) S LH END.PDF
	STAS_PO2_351	-	POPLAR 2 FLOOR PLANS (2 WINDOW) H RH END.PDF
	STAS_PO2_352	-	POPLAR 2 FLOOR PLANS (2 WINDOW) S MID.PDF
	STAS_PO2_353	-	POPLAR 2 FLOOR PLANS (2 WINDOW) H MID.PDF
	STAS_PO2_354	-	POPLAR 2 FLOOR PLANS (2 WINDOW) S RH END.PDF
	STAS_PO2_355	-	POPLAR 2 FLOOR PLANS (2 WINDOW) H LH END.PDF
	STAS_PO2_356	-	POPLAR 2 FLOOR PLANS (1 WINDOW) S LH END.PDF
	STAS_PO2_357	-	POPLAR 2 FLOOR PLANS (1 WINDOW) H RH END.PDF
	STAS_PO2_358	-	POPLAR 2 FLOOR PLANS (1 WINDOW) S MID.PDF
	STAS_PO2_359	-	POPLAR 2 FLOOR PLANS (1 WINDOW) H MID.PDF
	STAS_PO2_360	-	POPLAR 2 FLOOR PLANS (1 WINDOW) S RH END.PDF
	STAS_PO2_361	-	POPLAR 2 FLOOR PLANS (1 WINDOW) H LH END.PDF
	STAS_PO2_400	-	POPLAR 2 SECTIONS (STANDARD).PDF
	STAS_PO2_401	-	POPLAR 2 SECTIONS (HANDED).PDF
	STAS_PO2_450	-	POPLAR 2 ELEVATIONS (1 WINDOW) S LH END & H LH END - FLAT.PDF
	STAS_PO2_451	-	POPLAR 2 ELEVATIONS (1 WINDOW) S MID & H MID - FLAT.PDF
	STAS_PO2_452	-	POPLAR 2 ELEVATIONS (1 WINDOW) S RH END & H RH END - FLAT.PDF
	STAS_PO2_453	-	POPLAR 2 ELEVATIONS (1 WINDOW) S LH END & H LH END - LEAN TO.PDF
	STAS_PO2_454	-	POPLAR 2 ELEVATIONS (1 WINDOW) S MID & H MID - LEAN TO.PDF
	STAS_PO2_455	-	POPLAR 2 ELEVATIONS (1 WINDOW) S RH END & H RH END - LEAN TO.PDF
	STAS_PO2_456	-	POPLAR 2 ELEVATIONS (1 WINDOW) S LH END & H LH END - PITCHED.PDF
	STAS_PO2_457	-	POPLAR 2 ELEVATIONS (1 WINDOW) S MID & H MID - PITCHED.PDF
	STAS_PO2_458	-	POPLAR 2 ELEVATIONS (1 WINDOW) S RH END & H RH END - PITCHED.PDF
	STAS_PO2_460	-	POPLAR 2 ELEVATIONS (2 WINDOW) S LH END & H LH END - FLAT.PD
	STAS_PO2_461	-	POPLAR 2 ELEVATIONS (2 WINDOW) S MID & H MID - FLAT.PDF
	STAS_PO2_462	-	POPLAR 2 ELEVATIONS (2 WINDOW) S RH END & H RH END - FLAT.PDF
	STAS_PO2_463	-	POPLAR 2 ELEVATIONS (2 WINDOW) S LH END & H LH END - LEAN TO.PDF
	STAS_PO2_464	-	POPLAR 2 ELEVATIONS (2 WINDOW) S MID & H MID - LEAN TO.PDF
	STAS_PO2_465	-	POPLAR 2 ELEVATIONS (2 WINDOW) S RH END & H RH END - LEAN TO.PDF
	STAS_PO2_466	-	POPLAR 2 ELEVATIONS (2 WINDOW) S LH END & H LH END - PITCHED.PDF
	STAS_PO2_467	-	POPLAR 2 ELEVATIONS (2 WINDOW) S MID & H MID - PITCHED.PDF
	STAS_PO2_468	-	POPLAR 2 ELEVATIONS (2 WINDOW) S RH END & H RH END - PITCHED.PDF
	SAP submission:		
	POPLAR 2 SAP	-	POPLAR 2 SAP.PDF
G	Certification		
	Dandara Statement Of Structural Adequacy		STATEMENT OF STRUCTURAL ADEQUACY.PDF From A. Ramsay BSc(Hons) CEng MStructE MICE dated March 2019

