

House Type Approval Certificate

Certificate No: **STAS/19/052/DM110/SD**

Date: **20 September 2021**

A	Certificate Holder:
	CALA Homes Ltd Adam House, 5 Mid New Cutlins, Edinburgh EH11 4DU E-mail: SKelso@Cala.co.uk Tel: 0131 453 0072

B	House Type Titles:
	Description: CALA HOMES - LIGHT AND SPACE RANGE STANDARD FLATS – STANDARD DETAILS

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)	<i>Standard effective wind speed, V_e =</i> For maximum effective height = Has funnelling been considered?	24.5 m/s 16m to ridge No
	Wind: (as defined in CP3: Chapter V)	<i>Design wind speed, V_s =</i> (relevant to the building frame, at a height of 3m or less)	24.5m/s
	Snow: (as defined in BS 6399-3)	<i>Site snow load, S_o =</i> Influenced by adjacent buildings?	0.75 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: 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 No None
	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"> 1. 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 March 2021. 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 Harley Haddow Consulting Engineers Statement of Structural Adequacy referenced here under Section G, confirm 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.
7. This certificate should be read with the related certificates STAS/19/052/DM110/SS and STAS/19/052/DM110/UCR

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

F Description:			
Supporting Drawings			
1 1A DM110 Cala Light & Space Flats - Standard Details			
Doc No.	Size	Rev	Description
1	A3	A	Storey Rods (3 & 4 storey flats)
10	A3	A	External Wall/Ground Floor Junction Suspended Slab
10.1	A3	A	External Wall/Ground Floor Junction Suspended Slab
11	A3	A	Pipe Passing Through Underbuilding Suspended Slab
12	A3	B	Separation Wall/Ground Floor Junction
13	A3	A	Internal LB Partition/Ground Floor Junction
13.1	A3	A	Internal Non-LB Partition/Ground Floor Junction
14	A3	A	Internal Stair Separation Wall/Ground Floor Junction
15	A3	A	External Stair Wall/Ground Floor Junction
16	A3	A	Common Entrance Door Threshold Details Barrier Free - Inward Opening Door Concrete Slab Access Platt
16.1	A3	A	Common Entrance Door Threshold Details Barrier Free - Inward Opening Door Monoblock Access Platt
20	A3	C	External Wall/Separation Floor Junction Joists Parallel to External Wall
20.1	A3	C	External Wall/Separation Floor Junction Joists at Right Angles to External Walls
21	A3	C	External Wall/Separation Floor Junction Joists Parallel to External Wall TOP FLOOR ONLY
21.1	A3	B	External Wall/Separation Floor Junction Air Tightness Detail
22	A3	B	External Wall/Separation Floor Junction Pipe Passing Through Separating Floor
23	A3	C	Separation Wall/Separation Floor Junction 1st & 2nd Floor Levels
23.1	A3	B	Separation Wall/External Wall Junction Plan Detail
24	A3	C	Internal Stair Separation Wall/Separation Floor Junction Joists at Right Angles to External Wall
25	A3	D	As 24 above - TOP FLOOR ONLY Joists at Right Angles to External Wall
25.1	A3	B	Internal Stair Separation Wall Ceiling to Underside of Roof Finish
25.2	A3	A	Ceiling to Top Floor Protected Lobby - Pitched Roof
26	A3		External Stair Wall/Mid Floor Junction
27	A3	A	Window Details in Roughcast Finish External Walls - Sections
27.1	A3	A	Window Details in Stone Finish External Walls - Sections
27.2	A3	A	Window Details in Common Stair External Walls - Sections
28	A3		Window Details in Timber Frame External Wall Plans
28.1	A3		Window Details in Common Stair External Wall Plans
28.2	A3		Juliet Balcony - French Doors - Inward Opening Section
28.3	A3		Juliet Balcony - French Doors - Inward Opening Elevation
28.4	A3		Juliet Balcony - French Doors - Inward Opening Plan
28.5	A3	A	Deep Window - French Doors - Inward Opening Section
28.6	A3		Deep Window - French Doors - Inward Opening Elevation
28.7	A3		Deep Window - French Doors - Inward Opening Plan
29	A3	A	External Wall Movement Joint Details
30	A3	B	Internal LB Partition/Separation Floor Junction
31	A3	B	Internal Non-LB Partition/Separation Floor Junction
32	A3	A	Typical Flat Entrance Door Size Requirements
32.1	A3		Typical Internal Doors to Flats Size Requirements
40	A3	A	Eaves Detail - Boxed Soffit 37 deg Roof Pitch
40.1	A3	A	Eaves Detail - Sloping Soffit 37 deg Roof Pitch
40.2	A3		Valley and Ridge details
41	A3	B	Separation Wall/Ceiling Junction at Top Floor and Separation Wall Junction at Ridge Level
41.1	A3	B	Separation Wall/Ceiling Junction at Top Floor and Separation Wall Junction - Flat Roof
42	A3		Window Details in Roughcast Finish At 37 deg Eaves - Boxed Soffit
42.1	A3		Window Details in Roughcast Finish At 37 deg Eaves - Sloping Soffit
43	A3	A	Verge Details
43.1	A3	A	Separating Wall Eaves Detail
44	A3	A	Eaves Detail - Boxed Soffit 45 deg Roof Pitch
44.1	A3	A	Eaves Detail - Sloping Soffit 45 deg Roof Pitch

45	A3	B	Flat/Attic Separation Wall/External Wall
46	A3	A	Typical K-Lathe Gutter Junction
48.1	A3	A	Flat Roof Parapet - Secret Gutter Stair Core
48.2	A3	A	Flat Roof Parapet - Shute Outlet Stair Core
48.3	A3	A	Flat Roof Ridge Stair Core
48.4	A3	C	Flat Roof Parapet – Timber Stair Core/Flat
49	A3	B	Flat Roof Parapet - Secret Gutter Flat
49.1	A3	B	Flat Roof Parapet - Shute Outlet Flat
49.2	A3	B	Flat Roof Ridge Flat
50	A3	B	Common Stair Services Duct Details
51	A3	B	Common Stair Services Duct Details
51.5	A3	A	Common Stair Services Gas Ventilation Riser Detail in Pitched Roof
51.6	A3	A	Common Stair Services Gas Ventilation Riser Detail in Flat Roof
52	A3		Services Zone Locations
53	A3	A	Electrical Service Voids
53.1	A3		Electrical Fixing Heights
54	A3		Shower Tray Details
56	A3	B	Fire Collar Detail
61	A3		Service Cupboard Detail - FTTP
63	A3		Service Cupboard Detail - FTTC
70	A3	A	Bolt-On Balcony Details
72	A3	A	Built-In Balcony Details
80	A3	C	Schindler Lift Details 3300
80.1	A3		Schindler Lift Details 3300
80.2	A3	A	Schindler Lift Details 3300
80.3	A3	A	Schindler Lift Details 3300
80.4	A3		Schindler Lift Details 3300
1 1A DM110 Cala Light & Space Flats Structural Engineering Details			
304690-(S)-BDT-01			
304690-(S)-BDT-02			
304690-(S)-JB-01			

G Certification

CALA Homes Light and Space House Flat Range
STAS Approval - Statement of Structural Adequacy

Harley Haddow (Edinburgh) Ltd dated 19 November 2019

H Specification

Refer to STAS/19/052/DM110/SS (current)

Standard Specifications

I Authority:

This system type approval certificate consisting of 2 pages is authorised by **Midlothian Council** on behalf of the Local Authority Building Standards Scotland (LABSS).