

Type Approval Certificate

Certificate No: **STAS/26/052/DM149/SD**

Date: **28 July 2026**

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	Type Titles: Description: CALA Light and Space Range Model E – Standard Details 2026			
C	The 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</i> effective wind speed, V_e = For maximum effective height = Has funnelling been considered?	24.5m/s 10m to ridge No	
	Wind: (as defined in CP3: Chapter V)	<i>Design</i> wind speed, V_s = (relevant to the building frame, at a height of 3m or less)	27.56m/s	
	Snow: (as defined in BS 6399-3)	<i>Site</i> snow load, S_o = Influenced by adjacent buildings?	0.75 kN/m²	
	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 Zone 3 No	
	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:			
	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 6th April 2026 . 2. The certificate shall be valid until invalidated by formal notice by the Scottish Building Standards Hub. 3. The design shown and the materials specified shall not be changed without reference to the Scottish Building Standards Hub who are 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 dated 28 th May 2026, 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 <u>entire completed building</u> shall be provided by a registered engineer to the local authority within whose area the site-specific dwelling is to be built. 8. Mandatory Standard 4.14 - The applicant will provide a connectivity plan, showing details of proposed connections & network, to the verifier for each site.			

9. This certificate confirms compliance with Mandatory Standard 3.28. This is based on actual 'worst case' criteria outlined within CIBSE TM59 'Design methodology for the assessment of overheating risk in homes' (2017). On this basis, further site-specific information is not necessary
10. Site specific information will be required prior to completion to confirm the actual TDER and DDER for the STAS approved house type on each plot on a particular site.
11. Site specific elements, such as those for access, ground conditions, drainage, EV charging, broadband connection, suppression system drawings (where required) etc, require to be assessed by the verifier.
12. This certificate should be read with the related certificate STAS/26/052/DM149/SS and STAS/26/052/DM149/UCR.

F	Detail Number	Revision	Description
	DET 10	D	External Wall/Ground Floor Junction
	DET 11	F	Garage/Dwelling Partition
	DET 11.1	F	Garage/Dwelling Partition Door Threshold
	DET 12	B	External Garage Wall/Ground Floor Junction
	DET 13	A	GF Int LB Partition/Floor Junction Standard Foundation
	DET 13.1	A	GF Int LB Partition/Floor Junction Non Standard Foundation
	DET 13.2	B	GF Int Non LB Partition/Floor Junction
	DET 13.3	D	FF Int Non LB Partition/Floor Junction
	DET 14	A	Threshold Detail
	DET 14.1	A	Threshold Detail Concrete Slab Platt
	DET 14.2	A	Threshold Detail Monoblock Slab Platt
	DET 14.6	A	Stepped Patio Detail
	DET 14.9	B	Door Head & Jamb Details
	DET 14.9A	#	Patio Door - Jamb Detail
	DET 15	B	Separation Wall/Ground Floor Junction
	DET 15.1	B	Separation Wall/Ground Floor Junction - Stepped
	DET 20	C	Window Detail
	DET 20.1	A	Window Firestop Detail
	DET 20.2	#	Outward Opening French Patio Doors without Sidelights Detail
	DET 21.1	B	Window Detail Stone Surround Elevation and Section
	DET 24	D	External Wall/Mid Floor Junction Joists Perpendicular to Ext Wall
	DET 24.1	D	External Wall/Mid Floor Junction Joists Parallel to Ext Wall
	DET 25	B	External Wall Corner Junction
	DET 26	A	External Wall Movement Joint
	DET 27	E	Separation Wall/Mid Floor Junction
	DET 28	B	Separation Wall/External Wall Plan Detail
	DET 28.1	C	Separation Wall/External Wall Plan Detail - Stepped
	DET 28.2	C	Separation Wall/External Wall Isometric Detail - Stepped
	DET 28.3	A	Truss Horn Party Wall Detail
	DET 29.1	A	Garage Door Plan Blockwork and Stone Plinth Plan Detail
	DET 29.2	C	Garage Door Typical Section
	DET 29.3	B	Juliet Balcony Inward Opening Door Plan Detail
	DET 29.4	B	Juliet Balcony Inward Opening Door Elevation
	DET 29.5	B	Juliet Balcony Inward Opening Door Section
	DET 29.6	B	Juliet Balcony Inward Opening Window Plan Detail
	DET 29.7	/	Juliet Balcony Inward Opening Window Elevation
	DET 29.8	A	Juliet Balcony Inward Opening Window Section
	DET 30.1	C	Garage Door w/ Steel Goalpost Plan Detail
	DET 30.2	C	Garage Door w/ Steel Goalpost Typical Section
	DET 30.3	B	Patio Door w/ Steel Goalpost Typical Section
	DET 30.4	B	Patio Door Door Head with C-section Lintel
	DET 31	B	Carcassing Details Loadbearing Timber Partitions
	DET 33	C	Carcassing Details NON Loadbearing Timber Partitions
	DET 34	/	Fire Door Installation Details

DET 40	C	Eaves Detail at Window 2 Storey - 37 deg roof pitch
DET 40.1	C	Eaves Detail at Window 2 Storey - 37 deg roof pitch Slimline Concrete Roof Tile
DET 40.2	C	Eaves Detail at Window 2 Storey - 37 deg roof pitch Slate
DET 41	C	Eaves Detail 2 Storey - 37 deg roof pitch
DET 41.1	C	Eaves Detail 2 Storey - 37 deg roof pitch Slimline Concrete Roof Tile
DET 41.2	C	Eaves Detail 2 Storey - 37 deg roof pitch Slate
DET 42	C	Verge and Ridge Detail
DET 42.1	A	Ridge Detail Slate
DET 42.2	A	Eaves Transition Elevation
DET 42.3	/	Eaves Transition Detail
DET 42.4	/	Dry Valley Detail
DET 43	B	Typical Render Lathe/Gutter Detail
DET 43.1	B	Typical Cill in Render Lathe Panel Detail
DET 43.2	B	Typical Render Lathe & Blockwork Junction
DET 43.3	A	Typical Smooth Render on Backing Board /Gutter Detail
DET 44	B	Separation Wall Junctions Ceiling & Ridge Level
DET 44.1	D	Separation Wall Junctions Ceiling & Ridge Level Stepped (>600mm)
DET 44.2	D	Separation Wall Junctions Ceiling & Ridge Level Stepped (<600mm)
DET 44.3	C	Separation Wall Junctions Ceiling & Ridge Level Slate
DET 44.4	C	Separation Wall Junctions Ceiling & Ridge Level Spandrel Panel
DET 44.5	A	Separation Wall Junctions Ceiling & Ridge Level Trusses at Right Angles
DET 45	B	Typical Coombe Construction
DET 48	C	Eaves Detail 2 Storey - 45 deg roof pitch
DET 48.1	C	Eaves Detail 2 Storey - 45 deg roof pitch Slimline Concrete Roof Tiles
DET 48.2	C	Eaves Detail 2 Storey - 45 deg roof pitch Slate
DET 48.3	C	Eaves Detail at Window 2 Storey - 45 deg roof pitch
DET 48.4	C	Eaves Detail at Window 2 Storey - 45 deg roof pitch Slimline Concrete Roof Tiles
DET 48.5	C	Eaves Detail at Window 2 Storey - 45 deg roof pitch Slate
DET 49	C	Sloping Eaves Detail 2 Storey - 45 deg roof pitch
DET 49.2	C	Sloping Eaves Detail 2 Storey - 45 deg roof pitch Slate
DET 50.1	E	Shower Tray Installation
DET 50.2	B	Bathroom Bulkhead Detail
DET 50.3	B	Bulkhead AAV Vent Detail
DET 50.4	A	Garage Separating Floor MVHR Duct Placement
DET 50.5	A	Future Shower Raised Tray installation
DET 50.6	-	Roca Optica Close Coupled BTW WC Waste Detail
DET 51	A	Typical Bath Panel Installation
DET 51.1	A	Typical Bath Panel Installation With End Panel
DET 52	A	Electrical Fixing Heights
DET 52	/	Electrical Fixing Heights
DET 55.1	B	Cylinder Discharge Enclosure
DET 58	B	Typical SVP Offset in Timber Cassette Mid Floor
DET 58.1	B	Typical SVP Pipe Box Details
DET 59.1	A	Typical Towel Radiator Mounting
DET 59	/	Radiator Mounting Heights
DET 61	D	Service Store Layout FTTP
DET 63	D	Service Store Layout FTTC
DET 64	A	TV & Data Distribution
DET 65	B	PV Inverter Arrangement
DET 66	/	Zaptec EV Charger Distribution Houses with Integral Garage
DET 67	A	Pipe Insulation
DET 70	A	Boundary Treatment Timber Fence

DET 70.1	A	Boundary Treatment Anstone Wall
DET 70.2	A	Boundary Treatment Block/Render Wall
DET 70.3	-	Boundary Treatment Timber Fence & Anstone Piers
DET 70.4	-	Boundary Treatment Timber Fence Double Sided
DET 70.6	-	Boundary Treatment Post & Wire Fence
DET 70.7	-	Boundary Treatment Bow Top Fence
DET 71	-	Water pipe route details (ASHP & MCWS Water Main) Joists Perpendicular to Ext Wall

G	Certification	
	CALA Homes Light and Space House Type Range	Harley Hadow Statement of Structural Adequacy Reference: 310857 Rev C - Dated 28 th May 2026

H	Specification	
	Standard Supporting Documents:	
	Refer to STAS/26/052/DM149/SS	Standard Specifications
	Refer to STAS/26/052/DM149/UCR	U-values and Condensation Risk
	FES Group Overheating Assessments	Compliance Reports

I	Authority:	
		This system type approval certificate consisting of 4 pages is authorised by the Scottish Building Standards Hub on behalf of the Local Authority Building Standards Scotland (LABSS).