



House Type Approval Certificate

Certificate No:

Date:

STAS/23/052/DM137/SD 15 September 2023

А	A Certificate Holder:				
^	CALA Homes Ltd				
	Adam House, 5 Mid New Cutlins, Edinburgh EH11 4DU				
	E-mail: SKelso@Cala.c			Tel: 0131 453 0072	
В	House Type Titles:				
Description: 2023 Regulations CALA Light ar			ations	CALA Light and Space Rar	nde Model F -
				• •	
				Standard Details	
	-				
С				the following drawings and specifications:	
	Se	e attached a	nnexe to this	s certificate	
D					
D	Wind: (as defined in BS 6			areas where the climatic conditions are equal to or la fective wind speed, Ve =	47.5 m/s
	wind: (as defined in BS 6	0399-2)		im effective height =	
				ing been considered?	9m to ridge No
÷	Wind: (as defined in CP3	<u>م</u> .		d speed, Vs =	24.5m/s
	ChapterV)	<i>.</i>		27.011/3	
ChapterV) (relevant to the building frame, at a height of 3m or less)					
	Snow: (as defined in BS 6399-3)		Site snow lo	0.75 kN/m2	
				by adjacent buildings?	No
Resistance to moistu		lurabilityof		ure (to wind driven rain) grading, as defined in BRE	Exposure Zones 1, 2, 3 and 4
	1 E			nermal Insulation: Avoiding Risks, Second Edition,	
				exposurezone: o sea spray (i.e., coastal region) or de-icing salts?	No
				ntaminants or biological factors – please specify any	None
				esistance if applicable (refer to BS7543 for guidance)	None
Design Life: (per BS 7543 – Category of building design life = Design life of primary building Durability of buildings and building envelope				60 years	
			,		
	elements, products and			60 years	
	components)				
E Conditions of certification:			·c ··		1. 1
	1. The design shown and the specifications and materials referred to have been assessed and approved in accordance with the Dividing (Sectord) Regulations 2004 and is accordance with the supporting guidance in the Remedia Landheeks which				
	Building (Scotland) Regulations 2004 and in accordance with the supporting guidance in the Domestic Technical Handbooks which came into forcewith effect from 5 June 2023.				
				o. d by formal notice by the Local Authority Building Standa	rds Scotland
	3. The design show	n and the ma	terials specifi	ed shall not be changed without reference to the Local A	uthority 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				ropean Standard or

- 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 material time at the point of construction.
- 5. This certificate should not be regarded as a formal approval under the building warrant process prescribed by the Building (Scotland) Act2003 enacted from 1 May 2005
- 6. The Harley Haddow Consulting Engineers Statement of Structural Adequacy referenced here under Section G dated 21 September 2023, 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
- 7. This certificate confirms compliance with Mandatory Standard 6.1, based on example criteria with regards to orientation, shading, sheltering and resultant PV array efficiency. Site specific information will be required to confirm the actual DER and DDER for the STAS approved house type on each plot on a particular site.
- 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.





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

CALA L&S Model E Standard Detail Pack Rev B reduced size Image Standard Drawing Details DET 10 External Walk/Ground Floor Junction A DET 11 Garage/Dwelling Partition A DET 13 GF Int LB Partition/Floor Junction Standard Foundation - DET 13. GF Int LB Partition/Floor Junction Standard Foundation - DET 13. GF Int LB Partition/Floor Junction Standard Foundation - DET 13.1 GF Int Non-LB Partition/Floor Junction - DET 13.1 GF Int Non-LB Partition/Floor Junction - DET 14.1 Threshold Detail - DET 14.2 Threshold Detail - DET 14.3 Threshold Detail - DET 14.4 Threshold Detail - DET 14.5 Raised Patio Dot - DET 14.5 Raised Patio Datail - DET 15 Separation Walk/Ground Floor Junction - DET 20 Window Detail Stone Surround - DET 21 Window Detail Stone Surround - DET 24 External Walk/Mid Floor Junction -	Document Re	ference:	Description:	
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DET 41Eaves Detail 2 Storey - 37 deg roof pitch-DET 41.1Eaves Detail 2 Storey - 37 deg roof pitch Slimline Concrete Roof Tile-DET 41.2Eaves Detail 2 Storey - 37 deg roof pitch Slate-DET 42Verge and Ridge Detail-DET 42.1Ridge Detail Slate-DET 42.2Eaves Transition Elevation-DET 43Typical Render Lathe/Gutter Detail-DET 43.1Typical Cill in Render Lathe Panel Detail-DET 43.2Typical Render Lathe & Blockwork JunctionA		Eaves Detail at Window 2 Storey - 37 deg roof pitch Slate		-
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DET 41.2Eaves Detail 2 Storey - 37 deg roof pitch Slate-DET 42Verge and Ridge Detail-DET 42.1Ridge Detail Slate-DET 42.2Eaves Transition Elevation-DET 42.3Eaves Transition Detail-DET 43Typical Render Lathe/Gutter Detail-DET 43.1Typical Cill in Render Lathe Panel Detail-DET 43.2Typical Render Lathe & Blockwork JunctionA				-
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DET 42.2Eaves Transition Elevation-DET 42.3Eaves Transition Detail-DET 43Typical Render Lathe/Gutter Detail-DET 43.1Typical Cill in Render Lathe Panel Detail-DET 43.2Typical Render Lathe & Blockwork JunctionA				-
DET 42.3Eaves Transition Detail-DET 43Typical Render Lathe/Gutter Detail-DET 43.1Typical Cill in Render Lathe Panel Detail-DET 43.2Typical Render Lathe & Blockwork JunctionA				-
DET 43Typical Render Lathe/Gutter Detail-DET 43.1Typical Cill in Render Lathe Panel Detail-DET 43.2Typical Render Lathe & Blockwork JunctionA				
DET 43.1Typical Cill in Render Lathe Panel Detail-DET 43.2Typical Render Lathe & Blockwork JunctionA				-
DET 43.2 Typical Render Lathe & Blockwork Junction A				-
				<u> -</u>
UE1 43.3 Typical Smooth Render on Backing Board /Gutter Detail				A
	DET 43.3	Typical Smooth Render on Backing Board /Gutter Detail		-





DET 44	Separation Wall Junctions Ceiling & Ridge Level	-
DET 44.1	Separation Wall Junctions Ceiling & Ridge Level Stepped (>600mm)	-
DET 44.2	Separation Wall Junctions Ceiling & Ridge Level Stepped (<600mm)	-
DET 44.3	Separation Wall Junctions Ceiling & Ridge Level Slate	-
DET 44.4	Separation Wall Junctions Ceiling & Ridge Level Spandrel Panel	A
DET 44.5	Separation Wall Junctions Ceiling & Ridge Level Trusses at Right Angles	-
DET 45	Typical Coombe Construction	-
DET 48	Eaves Detail 2 Storey - 45 deg roof pitch	-
DET 48.1	Eaves Detail 2 Storey - 45 deg roof pitch Slimline Concrete Roof Tiles	-
DET 48.2	Eaves Detail 2 Storey - 45 deg roof pitch Slate	-
DET 48.3	Eaves Detail at Window 2 Storey - 45 deg roof pitch	-
DET 48.4	Eaves Detail at Window 2 Storey - 45 deg roof pitch Slimline Concrete Roof Tiles	-
DET 48.5	Eaves Detail at Window 2 Storey - 45 deg roof pitch Slate	-
DET 49	Sloping Eaves Detail 2 Storey - 45 deg roof pitch	-
DET 49.2	Sloping Eaves Detail 2 Storey - 45 deg roof pitch Slate	-
DET 50	Wet Floor Drain Ducting	-
DET 50.1	Shower Tray Installation	-
DET 50.2	Bathroom Bulkhead Detail	-
DET 50.3	Bulkhead AAV Vent Detail	-
DET 50.4	Garage Separating Floor MVHR Duct Placement	-
DET 51	Typical Bath Panel Installation	-
DET 51.1	Typical Bath Panel Installation With End Panel	-
DET 52	Electrical Fixing Heights	-
DET 54	Gas Ducting HTs with Integral Garage Semi Recessed Gas Meter Box	-
DET 54.1	Gas Ducting HTs with Integral Garage Semi Recessed Gas Meter Box	-
DET 54.2	Gas Ducting HTs with Integral Garage Universal Gas Meter Box	-
DET 55	Gas Boiler Balanced Flue Set Out Details	-
DET 55.1	Cylinder Discharge Enclosure	-
DET 58	Typical SVP Offset in Timber Cassette Mid Floor	-
DET 58.1	Typical SVP Pipe Box Details	-
DET 59	Radiator Mounting Heights	-
DET 59.1	Typical Towel Radiator Mounting	-
DET 61	Service Store Layout FTTP	-
DET 63	Service Store Layout FTTC	-
DET 64	TV Distribution	-
DET 65	PV Inverter Arrangement	-
DET 66	Zaptec EV Charger Distribution Houses with Integral Garage	-
DET 70	Boundary Treatment Timber Fence	-
DET 70.1	Boundary Treatment Anstone Wall with Piers	-
DET 70.2	Boundary Treatment Block/Render Wall with Piers	-
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G	Certification:	Rev	Description:
	CALA Group Ltd Light And Space House Type Range		Harley Haddow Statement of Structural Adequacy Reference 310857 dated 21 September 2023

Н	Specification:	Revision:	Description:
	Refer to Standard Specifications - STAS23/052/DM137//SS		Standard Specifications
	Refer to Standard Specifications - STAS23/052/DM137//UCR		U-Values and Condensation Risk

Authority:

This system type approval certificate consisting of 3 pages is authorised by **West Lothian Council** on behalf on behalf of the Local Authority Building Standards Scotland (LABSS).