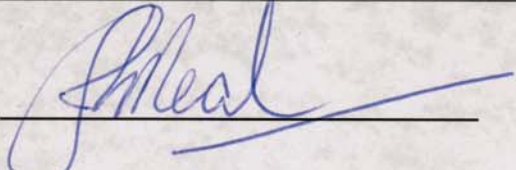


1	<p>Certificate Holder Name: Scape System Build Address: Chartwell House, 67-69 Hounds Gate, Nottingham, NG1 6BB Email: general@scapebuild.co.uk Tel: 0115 958 3200</p>
2	<p>System Title Description: Scape Technology component-based building system Scape Technology, consists of a series of standard components generally based around a 1.8m grid, with a steel frame and built on an insitu, semi-rigid concrete raft foundation. The system includes a series of standard cladding types, window types and roof constructions which can be used to create a vast range of differing buildings.</p>
3	<p>The system has been assessed on the following drawings and documents: <u>Extent of Recommended Regulatory Approval</u> Due to the need to consider the layout of the proposed buildings and the arrangement of the site itself, sections F, G, H, J and N of the Building Regulations are not covered by this approval. In addition Parts D and P are not relevant to buildings using the Scape system. The scope of this approval in respect of other sections of the Building Regulations is as follows : Part A - Calculations for a building based on standard foundations, column spacing, upper floor and roof constructions which have been independently checked and found to be satisfactory. It should not be necessary to require or check further calculations unless the limitations are exceeded. Part B - Standard components details to demonstrate half and one hour structural fire protection Part C - Compliance with requirement C2 in respect of the standard external envelope details. Part E - External wall, internal wall, floor, roof and some limited ceiling details appropriate to compliance with E4 for school buildings. Part K - Design of stairways and appropriate protection from falling. Part L - Standard roof, wall, floor, window, roof light and door details with verified U values. Part M - Standard details for stairways and internal doorways. <u>Limitations / Exceptions</u> Part A - Buildings must not exceed 4 storeys (unless separate design calculations are provided). Separate foundation calculations must be provided for buildings over two storeys. In addition the following limitations apply: a) A minimum ground bearing capacity of 75kN/m² is required. b) Upper floor imposed loads must not exceed 4kN/m² (in addition to a partition load of 1kN/m²). c) Roof imposed loads must not exceed 0.6kN/m². d) Perimeter column spacing must not exceed 3.6m. e) Floor span must not exceed 10.8m. f) Roof span must not exceed 21.6m. g) The building width to length ratio must not exceed 1:4. h) Floor to floor heights must not exceed 3.6m. i) Basic hourly mean wind speed for the area must not exceed 25m/s. j) Bracing must be provided in accordance with the relevant SCAPE stability framing table Disproportionate collapse robustness is inherent within the structure for 2A and 2B building classes Part B - All aspects of Part B other than the structural fire protection achieved by the components. Part C - Requirement C1 and C2(d) Part E - Whilst the included standard details have been developed with extensive consultation and approval from acoustic consultants and material suppliers which should result in compliance with E4, it is recommended that acoustic performance is verified by sound testing on completion. Part K - Requirements K3 and K4 Part L - See schedule 4 for accepted element U values. SBEM calculations will be required for all buildings using this system to verify compliance with L1. Air tightness testing will be required when the building is complete and the building will need an EPC (and possibly a DEC). Part M - All other aspects of Part M are not covered by this approval as the specific use and layout of the building needs to be considered. <u>Drawings/Documentation</u> Schedule 1 - Scape Standard Drawings – Assembly, Schedule 2 - Scape Standard Drawings - Component Schedule 3 - References to sections of the NBS, Schedule 4 - Agreed U values for thermal Elements</p>
4	<p>Assessment The design and method of construction of the system designed in (2) above has been examined and as far as it has been shown has been found to be capable of complying with current Building Regulations.</p>
5	<p>Conditions of Certification 1. The design shown and the materials specified shall not be changed without reference to the local authority responsible for certifying the system. 2. The certificate shall be valid for three years or until invalidated by formal notice. 3. Where reference is made on a plan to any Code of Practice, British 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. 4. This certificate should not be regarded as a formal approval under the Building Regulations.</p>
6	<p>Authority This system approval certificate is authorised by: Name: <u>John Neal</u> Signature:  On behalf of: <u>Rushcliffe Borough Council</u></p>