



# Status Design Associates

Consulting Building Services Engineers

## About Us

SDA has been providing impartial consultancy in building services engineering since 1977.

Originally founded to provide a bespoke service to the health-care sector, it has broadened its sphere of activity to encompass local authority, private, commercial and industrial sectors.


The practice offers a high degree of professional expertise and experience, through which it is able to present clients with sustainable, cost effective and practical solutions to engineering services.

The retained successful experience of previous projects is taken to all new projects and provides clients with access to an invaluable depth of knowledge and expertise.

We live in a challenging world and the emphasis on a greener environment has never been greater. We support, encourage and incorporate designs that reflect the latest technological innovations in order to comply with current and future legislative requirements and targets.

We also recognise that financial restrictions can be an obstacle and we work closely with clients to value engineer schemes without losing sight of the project objectives.

Level of service and fees are tailored to suit individual clients needs and where possible are designed to be fully comprehensive in recognition of the brief and scope required.



**“high degree of professional expertise and experience”**

# Scope

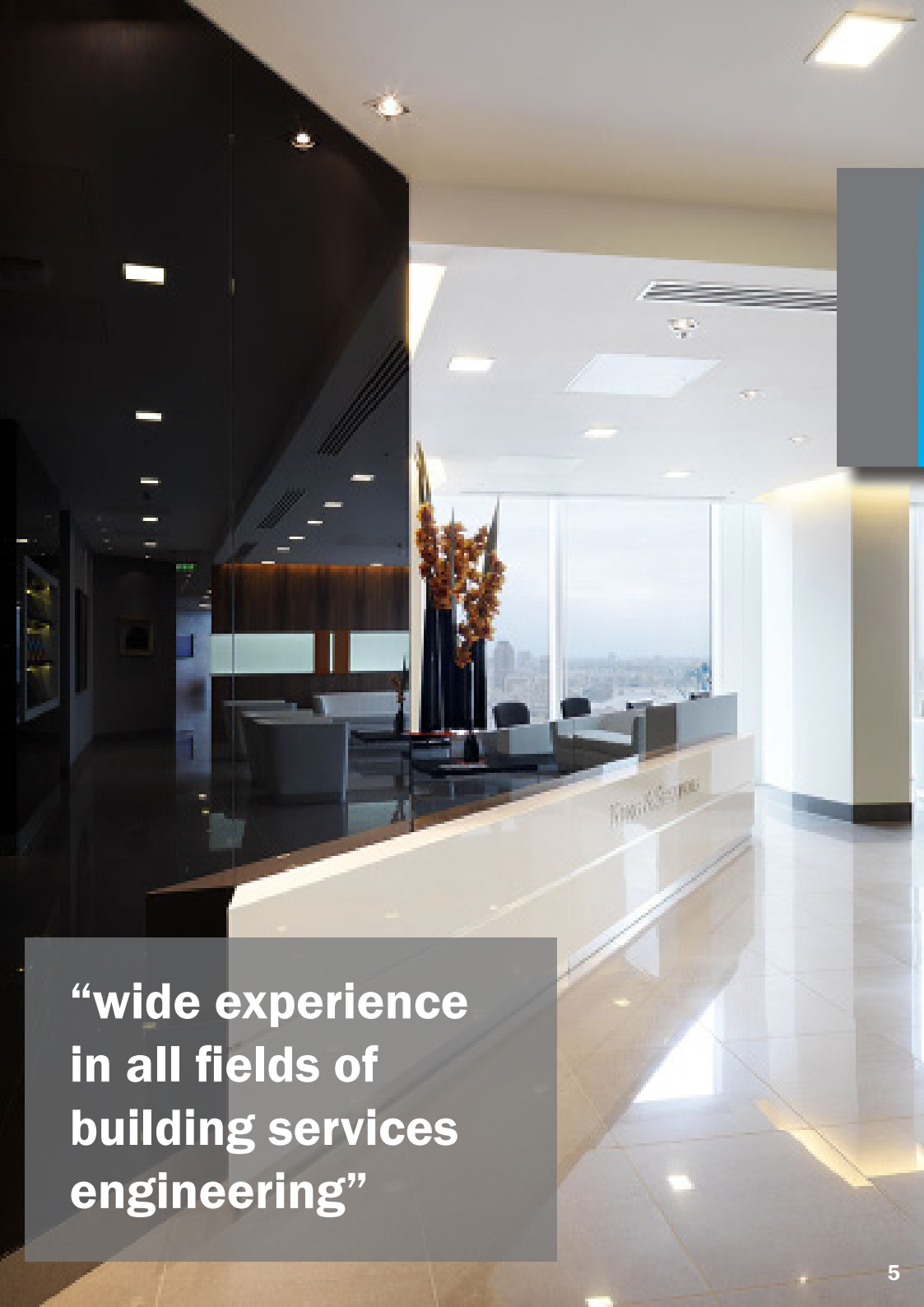
SDA has wide experience in all fields of building services engineering including :-

## Mechanical & Public Health Services.

- Ventilation & Air Conditioning
- Chilled Water Systems
- Drainage Systems
- Water Distribution Systems
- Systems for Laboratory & Medical Gases
- Heating Design
- Steam and Condensate Systems
- CHP Systems
- Central Boiler Plant
- Heat Pump Systems
- Rainwater and Greywater Recycling
- Solar Energy
- Building Management and Control Systems
- Water Treatment
- Industrial Process Pipework

## Electrical Services.

- HV / LV Distribution Networks
- Back Up Power Systems
- Small Power Distribution Systems
- Lighting Design and Control Systems
- Fire Detection and Alarm Systems
- Lightning and Surge Protection Systems
- Specialist Healthcare Alarm and Monitoring Systems
- CCTV and Security Systems
- Voice / Data Distribution Systems
- Lift Survey and Specification
- Utility Liaison and Management
- Power Monitoring and Analysis



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# Services

SDA recognise the importance of delivering an end product to the client's full expectations, accordingly we place great emphasis on close liaison from inception to completion.

Good communication and flow of information between the client and other professionals is of vital importance for a successful project, a philosophy that is enacted by the partners and amplified through our project team.

With the ever changing methods of project procurement, the practice has remained flexible in its ability to structure a service to suit.

The following schedule gives an indication of the scope of services capable of being undertaken by the practice :-

- Full design and specification.
- Performance specification.
- Contract supervision and administration.
- Testing, commissioning and verification.
- Project management.
- Condition Surveys.
- Feasibility studies.
- Energy appraisals.
- Life cycle cost analysis
- Specialist studies and reports.

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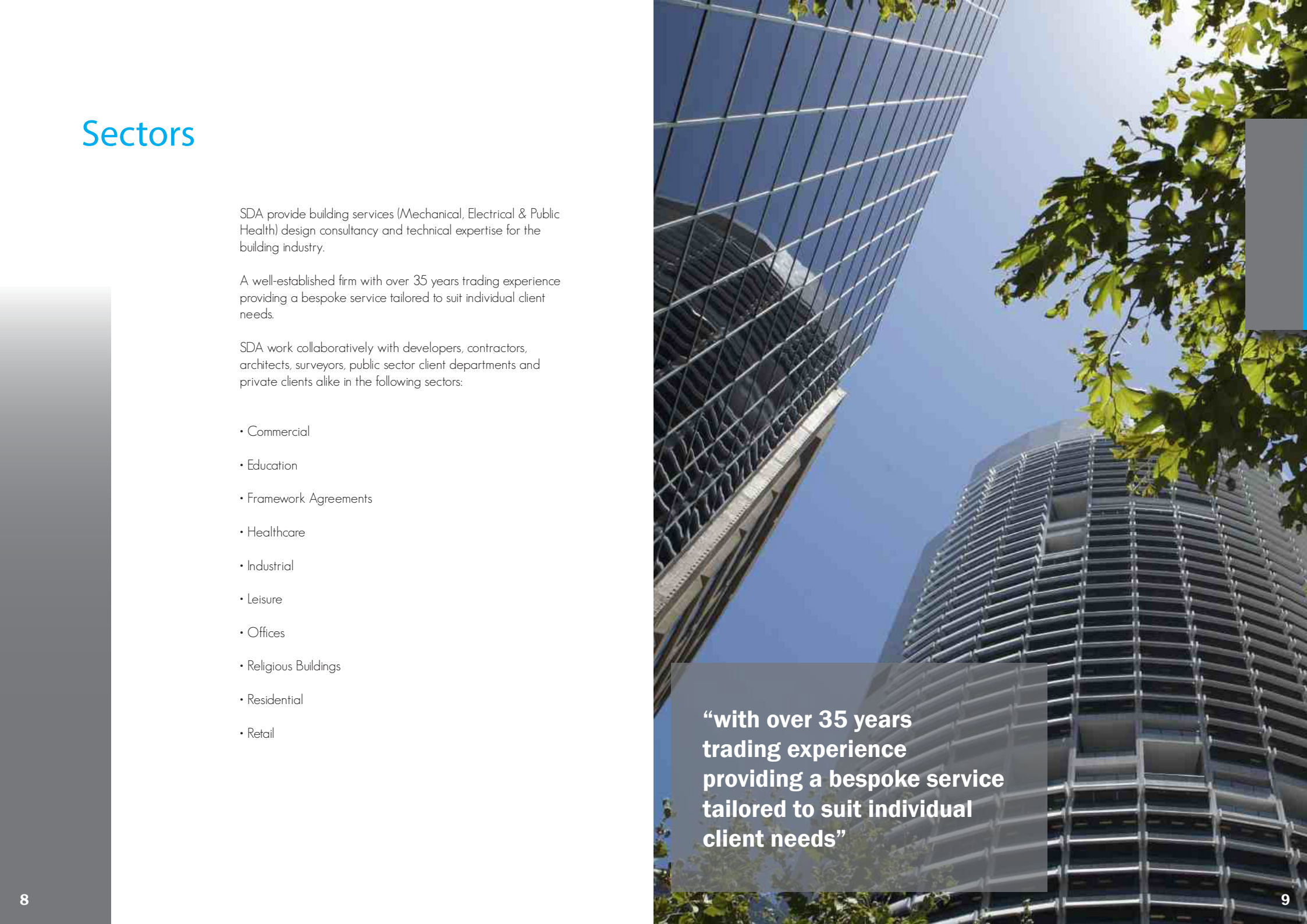
# Sectors

SDA provide building services (Mechanical, Electrical & Public Health) design consultancy and technical expertise for the building industry.

A well-established firm with over 35 years trading experience providing a bespoke service tailored to suit individual client needs.

SDA work collaboratively with developers, contractors, architects, surveyors, public sector client departments and private clients alike in the following sectors:

- Commercial
- Education
- Framework Agreements
- Healthcare
- Industrial
- Leisure
- Offices
- Religious Buildings
- Residential
- Retail



**“with over 35 years trading experience providing a bespoke service tailored to suit individual client needs”**


# Sustainability & Environmental Assessment

SDA consider Sustainability & Environmental Assessment to be a key part of our service and in conjunction with low energy technologies informs all our design decisions.

SDA have experience of a wide range of technologies including combined heating and power, district heating, air and ground source heat pumps, solar hot water and photovoltaic systems.

We are familiar with environmental assessment methods such as BREEAM, SAP and SBEM and have extensive experience in providing calculations, reports and evidence as required to demonstrate compliance.

SDA provide recommendations to optimise building fabric specification in conjunction with heating, cooling and ventilation systems for balanced energy / sustainability and cost effective solutions.



**“SDA consider Sustainability & Environmental Assessment to be a key part of our service and in conjunction with low energy technologies informs all our design decisions.”**





## Projects



## Nigel Maguire

Mechanical Director

n.maguire@saldtd.eu



Nigel is Senior Director and is responsible for the Mechanical Services division.

He is responsible for the companies Quality Assurance and Procurement sectors.

He joined SDA in 1987 and was appointed Director in 1989.

Nigel specialises in commercial London based developments with vast experience in engineering low carbon design within the constraints of challenging building structures.

Nigel is a strong believer in close communications with the client throughout the design process to ensure that the final product will surpass all expectations.

Nigel is a member of the Chartered Institute of Building Services Engineers and has a Chartered Engineer status.

## Bill Lawler

Electrical Director

w.lawler@saldtd.eu



Bill leads the electrical services department and is the Director responsible for all Health & Safety issues.

He has 30 years experience in the building services industry and uses his extensive knowledge and insight to provide innovative designs to meet the commercial realities of cost, programme and regulatory requirements.

Bill is a member of the Institute of Engineering & Technology and has Incorporated Engineer status.

He has a broad experience base in a range of sectors and enjoys the challenge of designing innovative Healthcare solutions for a range of facilities from large regional general hospitals to GP surgeries and community sites.





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