

LEISURE PORTFOLIO

SYNTEGRA GROUP

Syntegra Group

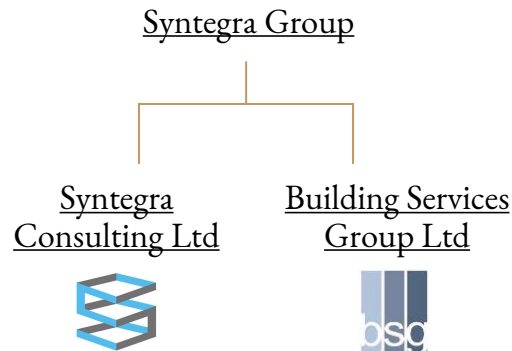
The Syntegra Group are a multi-award-winning International planning specialist and multi-discipline engineering design consultancy. Through our group of companies, we provide a complete range of solutions for planning, property development, and energy efficient built environments that offer long-term sustainable benefits to all stakeholders – Ultimately creating 'Better Buildings'.

We are committed to tackling climate change by designing low carbon engineering solutions and deploying energy efficient technology & certification to the built environment throughout all stages of a project lifecycle. Our team will ensure that overall targets and legal requirements for carbon emissions are commercially viable and not only met but exceeded wherever possible.

We maximise development value and minimise risk across all sectors of the built environment.

Our propositions are:

- Multi-disciplined planning consultancy
- Multi-disciplined engineering consultancy
- Building compliance and certification
- Energy utilities procurement and validation



BSG Services



MEP Consultancy

- Full M&E design, tender documentation and engineering support
- M&E Feasibility studies
- Engineering services reviews
- Building Services Condition /Acquisition/ Dilapidation / Energy Surveys
- Engineering asset management
- Equipment/Asset registers and installation life cycle planning
- Single point of failure analysis and specialist services for the data centers
- M&E clerk of works duties
- Clients representative roles, including corporate engineering brand standards



Sustainability

- Energy feasibility and sustainability studies
- BREEAM/SKA/LEED/ Passivhaus / Well-Building assessments
- Renewable and low carbon engineering solutions
- Energy audits / Life Cycle Assessments
- Net Zero



Ancillary Specialist Services

- Lighting design consultancy
- IT/AV design consultancy
- Vertical Transportation Design
- Acoustic design consultancy
- Air quality consultancy
- Civil engineering design

The Peak Fitness Club and Spa in The Carlton Tower Jumeirah

An impressive transformation of the leisure facilities during a full Hotel refurbishment

The Peak Fitness Club and Spa is situated within the luxury Hotel, The Carlton Tower Jumeirah, in London. The Hotel is on Cadogan Place next to Sloane Street and close to Harrods, Harvey Nichols and central Knightsbridge, placing it in a prime city location.

Building Services Group (BSG), part of Syntegra Group, were employed as the MEP Consultants to design the MEP element of the whole-building refurbishment.

During the extensive refurbishment, the leisure facilities underwent an impressive transformation to include, five elegant treatment rooms, sauna, steam room and relaxation area; full refurbishment of the 20m swimming pool; and full refurbishment of the two gyms.

Working alongside other specialists, the design was created and fulfilled, putting The Peak Fitness Club and Spa, at the top end of the market, with world-class facilities and equipment.

Project Scope

Full MEP Refurbishment of
Swimming Pool and Spa

Full MEP refurbishment of
two gyms

Developed in conjunction
with Interior Designers,
1508 London





Project Scope

Full MEP Refurbishment of
Vitality Pool and Spa

Full MEP refurbishment of
Fitness Centre

Developed in conjunction
with Emil Eve Architects

Jiva Spa in Taj, St James' Court Hotel

An impressive transformation of the leisure facilities during a full Hotel refurbishment

St. James' Court Hotel is a prestigious Hotel in central London, owned by Taj Hotels, that is brimming with charm. The hotel is moments from Buckingham Palace and St. James' Park, and close to Westminster, Victoria Station, the West End and Mayfair, placing it in a prime location.

Building Services Group (BSG), part of Syntegra Group were employed as the MEP Consultants, working with Architects, Dexter Moren Associates, on the full refurbishment of the Hotel.

Working alongside Emil Eve Architects, we were also employed as the MEP Consultants on the exquisite Jiva Spa, within the St James' Court Hotel.

The Spa facility refurbishment included a relaxation area, two single treatments rooms and one couple's treatment room; a vitality pool, steam, sauna and an 'emotional' shower; and the fitness centre was also newly renovated during the project.

Photography by Andy Stagg and provided courtesy of Emil Eve Architects.



Project Scope

Full MEP Refurbishment of
Spa

Services to Integrate with
Specialist Klafs Saunas

Combined Heat and Power
Unit

ESPA Life at Corinthia Hotel, London

An impressive transformation of the leisure facilities during a full Hotel refurbishment

Corinthia Hotel London combines grandeur and heritage with exquisite, intelligent design. ESPA Life, a restorative wellness centre, is situated within the Hotel and has been developed to support physical health, as well as mental wellbeing.

Working closely with a dedicated design team, Building Services Group (BSG) part of Syntegra Group, carried out RIBA Stage 4 Detailed MEP Design during the full refurbishment at ESPA Life, providing services to integrate with specialist Klafs to include sauna facilities, café, 17 bespoke treatment pods, plunge pool and relaxation lounges.

The project involved the extension of the historic building to create additional basement levels.

Following the RIBA Stage 4 Design, BSG carried out RIBA Stage 5 (construction) duties, working closely with the chosen contractor to complete the refurbishment to the highest of standards, to create a truly elegant and opulent spa.

Rivermead & Palmer Park Leisure Facilities – Reading

Two, new, state-of-the-art leisure complexes



Project Scope

Detailed Acoustic Design

Air Quality Consultancy

Acoustic Testing for BREEAM

Acoustic Survey

Building Physics Simulation

Syntegra completed noise, air quality surveys and glint & glare analysis for two major sports facilities planned for opening in early 2023. Additionally, detailed acoustic design and testing for acoustic BREEAM credits were carried out for both schemes.

The project consists of a new leisure centre, with a 25 metre, eight-lane competition pool, built to replace the Rivermead Leisure Complex in Reading and a 25 metre, six-lane community pool and gym built at Palmer Park Stadium in the town. At Palmer Park, the stadium was extended, so a community pool, 100-station gym, cafe and activity zone for children could be built. The car park was also extended to accommodate more than 130 vehicles.

The new complex on the Rivermead site is a two-storey building housing a state-of-the art competition pool, moveable floor, 250 spectator seats, a diving pool, a six-court sports hall, a 120-station gym, cafe and soft play area. Our glint and glare simulation of the pool interfacing with other vectors and surfaces enabled the design team to proceed with confidence.

OTHER LEISURE PROJECTS

- Woodford Town Football Ground
- Westbury House, Hythe
- Sittingbourne Gold Club
- Beths Grammar School
- 50 Moxon Street, Barnet
- Silverstone Park, Towcester
- Bonnevile Primary School MUGA
- Highover, Lukes Lane, Gubblecote
- Warsop Health Hub
- Hungerford Leisure Centre
- Unit 12b Borehamwood Shopping Park (a gym)
- Blackburn Rovers Football Club
- Moneyfields Sports and Social



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