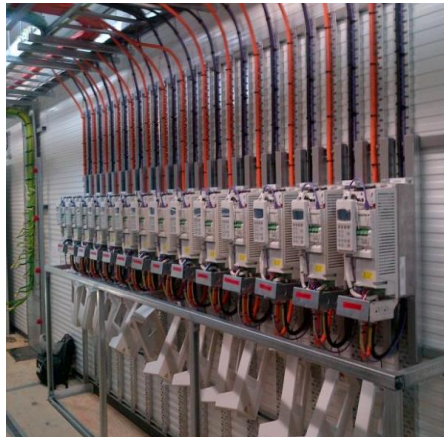


Quality  
Value  
Communication  
Collaboration



# FOWLER CLARK

## CAPABILITY STATEMENT



# WHY FOWLER CLARK?

Jon and Jim founded Fowler Clark in 2020 to build on over 30 years' experience working as Building Services Engineers, most recently as Associate Directors of Desco (Design & Consultancy). They have forged a close working partnership, successfully delivering a number of challenging and unique projects. Since launching Fowler Clark at the start of 2021, they have already delivered a number of projects to a high quality and client satisfaction.

What makes a good Building Services Consultancy. We've identified four primary drivers:

- High quality service
- Driving project value
- Clear and immediate communication
- Collaborative support

These are the core values of Fowler Clark and are embedded into every decision we make.

Read on to discover how Fowler Clark will meet each of these values. We aim to deliver a service that exceeds our clients' expectations. We hope that we will gain the opportunity to provide you with high quality designs and an even higher level of personal service. To discuss future opportunities please get in touch.

Jonathon Fowler  
Director  
07815 908084  
jon@fowlerclark.com

Jim Clark  
Director  
07540 129232  
jim@fowlerclark.com

FOWLER  CLARK



Jim Clark

Jon Fowler

# High quality service

Our main objective is to provide a high quality service to the clients and stakeholders we work with. At Fowler Clark we make sure that enough time and resource is dedicated to every design aspect of each project. Therefore, we will only take on project work knowing that we can deliver within the desired timeframe with no compromise on quality.

Collectively, we have the main engineering skills and experience to tackle the essential mechanical and electrical challenges associated with each project. We see this a prerequisite for quality. All too often mechanical and electrical engineers work in isolation, but at Fowler Clark we focus on collaboration to ensure awareness of the requirements for each discipline. Therefore the quality of our coordinated design is tackled from concept through to completion.

We are skilled and experienced at tailoring designs to the client and stakeholder requirements and understand their key priorities. We believe that innovation and simplicity are not mutually exclusive, but important partners in the design of a successful project. We aim to keep one eye on the future, but are sensitive to the feasibility of what we are designing.

Fowler Clark embark on every project with the whole life cycle of the building in mind. We are enthusiastic in achieving realistic energy and carbon savings through quality design and detailing systems with careful consideration for the commissioning stages.

We are experienced in achieving design solutions that maximise the opportunity in achieving challenging Part L carbon savings, targeted BREEAM credits and the WELL standard criteria.

New technologies, revised regulations, changes to carbon emission factors are all examples of how the construction industry is constantly changing and we will be at the forefront, challenging and leading by example.

We will always drive design for the future.



# Driving project value

Building Services Engineers are integral to the successful delivery of any construction project. All too often the building services design is developed at the end of each design stage, typically once the architecture and structural design has settled. At Fowler Clark we insist in being involved at this early stage, as we believe that this is where the most significant value can be achieved for the client.

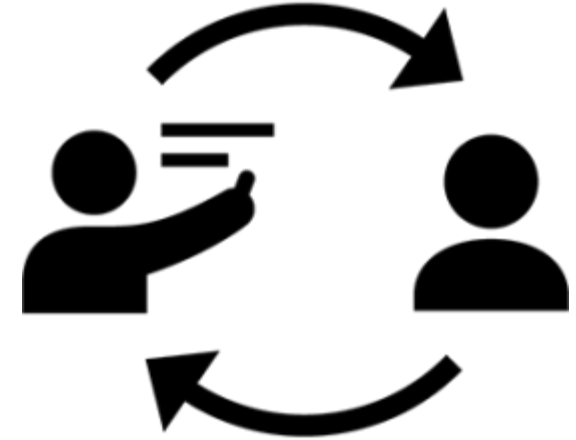
Our strategy is to be involved early with the other design team members, tackling feasibility studies and issuing Design Notes to help the design progress smoothly with due consideration for the building services. From experience we have found this benefits everyone associated within the project and will reduce the requirement for value engineering as the project develops.



# Clear and immediate communication

At Fowler Clark we pride ourselves on being an approachable open practice. We want to hear constructive feedback from the professionals we work with to further enhance our services.

During the design stages we will develop client orientated Design Notes that cut through the technical engineering jargon and simplifies the approach we will be looking to develop into detail. We see clear communication as a key driver in adding value to the whole project. From experience we have found that this reduces the number of requests for information (RFIs) and client changes as the project progresses towards detailed design.



# Collaborative Support

Both directors have worked together for over 7 years and have built up high levels of trust with clients, team members and each other. In our previous positions we delivered a number of high profile projects and gained the trust and confidence of the wider project team. We both have the deep desire to run a successful business that offers consistent quality to our clients.

In less than 18 months Fowler Clark has developed a strong client base and have had numerous projects through repeat work, clearly showing that our clients believe and trust in us to deliver a quality service.

We both pride ourselves on delivering stability both at home for our families and in the work place for our business. We hold the same integral values and believe that hard honest work is the best indicator of long term success.



## Services offered

- MEP design to RIBA Stage 1 – 4
- On site inspections from RIBA Stage 4 onwards
- Peer reviews / validation of designs
- MEP condition / dilapidation surveys
- New build and refurbishment designs
- Design of services upgrades
- Value engineering reviews

## Sectors of experience

- Residential
- Commercial Office CAT A & CAT B
- Retail
- Hotels
- Leisure
- Education
- Health
- Transport



## Areas of expertise

- Ventilation
- Heating systems
- Cooling systems
- Air Conditioning
- Controls
- Smoke Ventilation
- Hot and Cold Water
- Energy Strategies
- Overheating Reports
- Foul Above Ground Drainage
- Rainwater Drainage
- Dry and Wet risers
- Sprinkler (BS 9251 & BS 12845)
- LV distribution
- Small power
- General & Emergency Lighting
- Fire Alarms
- Security
- Communications
- Earthing

## Professional Indemnity Insurance

Fowler Clark has £5m Professional Indemnity Insurance and £5m Public Liability Insurance as standard. More can be arranged upon request.

Company Reg No. 12957148





Jon is responsible for the financial aspects of the company and leads our mechanical services design.

He began his career in 2005 with a large multi-disciplinary consultancy before moving onto a smaller practice in 2013. Jon has experience in delivering projects in many sectors including commercial, education, residential, health, retail, transport and leisure over his career.

Jon believes in full transparency throughout the design and development process. He places emphasis on high levels of collaboration to help mitigate risk at an early design stage and therefore maximise value for clients whilst still achieving low energy solutions.

## Jon Fowler Employment History and Education

**Fowler Clark | Dec 2020 – To Date | Director**

**Desco | Aug 2013 – Dec 2020 | Positions Held:**

Associate Director	Jan 2019 – Dec 2020
Principal Engineer	Jul 2015 – Jan 2019
Senior Engineer	Aug 2013 – Jul 2015

**AECOM | Sep 2005 – Aug 2013 | Positions Held:**

Principal Engineer	Jul 2012 – Aug 2013
Senior Engineer	Jan 2009 – Jul 2012
Engineer	Jan 2007 – Jan 2009
Graduate Engineer	Sept 2005 – Jan 2007

### Education

- Chartered Engineer | CEng MCIBSE | Since 2010
- University College London | Construction Economics and Management MSc | 2006 – 2008 (Part Time)
- University of Nottingham | Architecture and Environmental Design MEng | 2001 - 2005



Jim is responsible for business development and leads our electrical services design.

He began his career in 2005 with a large Electrical and Mechanical Engineering Contractor before moving into design and consultancy in 2008. He has experience across a wide range of sectors including education, leisure, residential and commercial office developments.

Jim values being part of a project team and prides himself on delivering a high-quality service. His experience in both a contracting and consulting environment enables him to take a pragmatic approach to design.

## Jim Clark Employment History and Education

**Fowler Clark | Dec 2020 – To Date | Director**

**Desco | Jun 2011 – Dec 2020 | Positions Held:**

Associate Director	Mar 2019 – Dec 2020
Principal Engineer	Jul 2017 – Mar 2019
Senior Engineer	Mar 2014 – Jul 2017
Engineer	Jun 2011 – Mar 2014

**HBS | Mar 2008 – Jun 2011 | Positions Held:**

Engineer	Jul 2010 – Jun 2011
Junior Engineer	Mar 2008 – Jul 2010

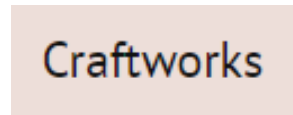
**Balfour Kilpatrick | Sep 2006 – Mar 2008 | Positions Held:**

Junior Engineer	Sep 2006 – Mar 2008
-----------------	---------------------

### Education

- Southbank University London | Building Services Engineering BEng (Hons) | 2012 - 2015
- Croydon College | Building Services Engineering HNC | 2008 – 2010
- Croydon College | Building Services Engineering ONC | 2006 - 2008

# Fowler Clark Client Partners



# Project Experience – Fowler Clark



## Cape Road – St. Albans

St. Albans | 2021 - 22 | Cresswick | Value - £18m

The project consists of 12 private houses and 25 apartments in 2 no. 3 storey blocks. The houses are 3 storey townhouses and are sprinkler protected directly off the mains. The 2 no. apartment blocks are not sprinklered but have cold water storage tanks to guarantee pressure on the top floors.

Fowler Clark drafted out an Energy Strategy Report for the project for the planning submission, however the local authority energy targets were low. Each dwelling is heated via gas fired boilers, system type in the houses and combination type in the apartments.

Fowler Clark undertook all of the utility applications on behalf of the client.



# Project Experience – Fowler Clark



## Cowley Hill – Borehamwood

Borehamwood | 2021 - 22 | Griggs Homes | Value - £10m

The project consists of 10 private houses and 6 local authority dwellings. There are 4 house types and 2 apartment types. The new development replaces an existing farm building and associated land.

The private houses are provided with air source heat pumps and underfloor heating whilst the local authority dwellings are provided with combination boilers and radiators. PV panels are provided on the local authority block.

Fowler Clark undertook all of the utility applications on behalf of the client.



# Project Experience – Previous Consultancies



The following is a section of key projects where the Directors of Fowler Clark have been leading the MEP design:

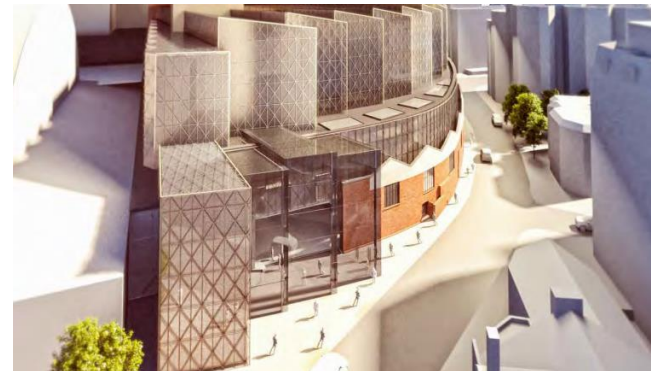
## Olympia Masterplan

Kensington | 2018 - | For Yoo Capital | Value - £1B

Project consists of the total overhaul and regeneration of the Kensington Olympia Exhibition Estate consisting of major refurbishment and infilling of new buildings.

New elements consisting of two hotels, 50,000m<sup>2</sup> commercial office space, a school, theatre, live music venue, retail units and public realm populated with food market create a new exciting and vibrant destination in West London.

Onsite Energy Centre consisting of gas fired boilers, combined heat and power and water cooled chillers provides the estate with heating and cooling to all Exhibition Spaces.



Existing HV incoming supplies removed and replaced with a new 22MVA on-site HV network feeding 21No. HV/LV substations to serve the new and existing buildings. The Grand and National Exhibition Halls remain open for business during the transition over to the new power infrastructure.



## Wembley NW07/08 - Wembley

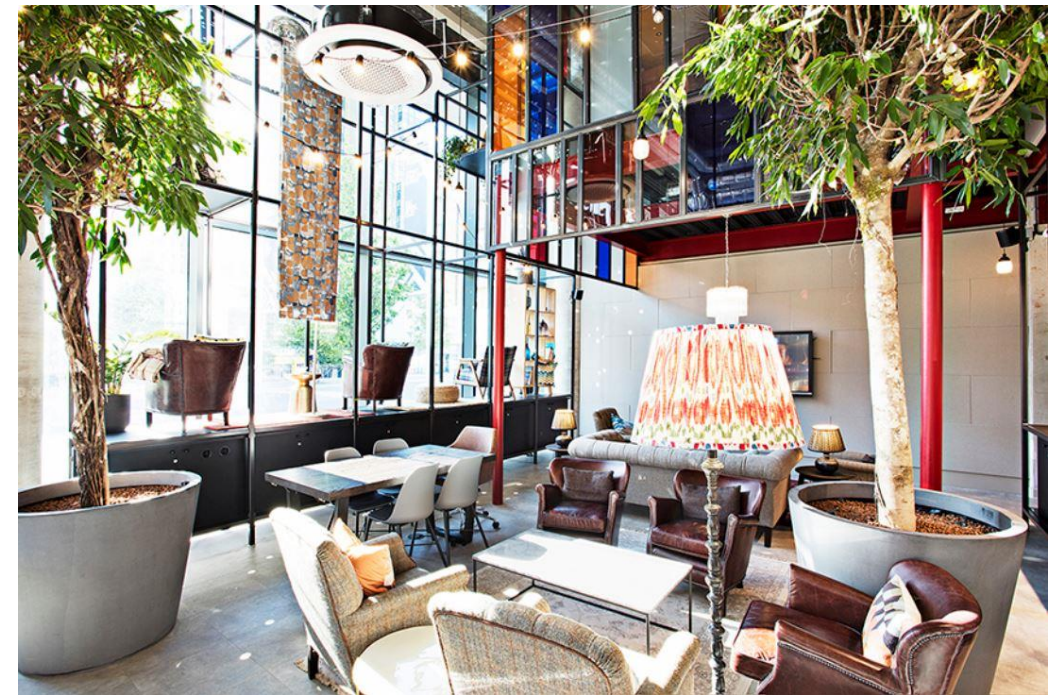
Wembley | 2015 -2019 | Quintain| Value - £100M

Located at the heart of the north west lands, moments away from Wembley Stadium the project consists of **361** PRS (Private Rental Scheme) 1, 2 and 3 bed apartments and retail units on the ground floor. The development is fed from a site wide district heating energy centre located in the neighbouring building NW06 and the heating infrastructure was designed to EOn design standards. The Retail Units had connections to this heating network, but also a condenser loop for their cooling requirements.

## Tipi Office - Wembley

Wembley| 2018 -2019 | Tipi (Quintain) | Value - £1.2M

Complete fit out of one of the Retail Units located on the ground floor of NW08. Heating and cooling was provided via Samsung Circular 360° cassettes connected to a water source VRF condenser unit. Ventilation was ducted in from the louvre band at the front of the unit. All the services were exposed on the ground floor to create the vibrant eye catching look for prospective TIPI renters. On the mezzanine deck the services were more concealed to create a more typical commercial office environment.





## Pontoon Dock

Newham | 2016 -2018 | Bougues UK| Value - £61M

Development of **236** new 1, 2 and 3 bed apartments and **1,300m<sup>2</sup>** of commercial and retail space. The development is fed from an onsite heating network emanating from an energy centre consisting of gas fired boilers and combined heat and power engines.

## Leon House - Croydon

Croydon | 2017 -2018 | Bougues UK| Value - £70M

Refurbishment of an existing 21 storey office building constructed in the 1960s, converted into 263 residential apartments with roof gardens and retail units at the ground floor. Contractor appointed to develop Stage 3 and 4 including new building infrastructure, central plant and associated MEP services.





## London Road, Isleworth

Isleworth | 2015 -2018 | London Square| Value - £50M

The project consists of **203 apartments** set over 8 separate buildings with 5 retail units. The whole development is fed by a heating network from an onsite Energy Centre with gas fired boilers and **CHP** which resulted in a **carbon emission saving of in excess of 35%** against the Part L notional.

A new SSE on-site substation provides power to the new dwellings and landlord areas. Occupants benefit from high-speed electronic communication services via the new BT and Hyperoptic fibre networks provided to the site.

## St. Catherines School – 6<sup>th</sup> Form Boarding House

Guildford | 2018 -2020 | St. Catherines School | Value - £6M

The project consists of **51 sixth form bedrooms**, communal bathrooms, snugs and common room. Each bedroom has a tempered air supply to prevent overheating and to pass **CIBSE TM59**. There is a 10% renewable obligation which is met by a **4-pipe chiller** that provides all of the CHW requirements and rejects the heat into the DHW pre-heat storage tanks.







## Quebec Way, Southwark

Southwark | 2016 -2018 | London Square| Value - £30M

The project consists of **95 apartments** set over 3 separate blocks with 3 retail units. The whole development is fed by a heating network from an onsite Energy Centre with gas fired boilers with a PV Array on the roof which resulted in a **carbon emission saving of in excess of 35%** against the Part L notional.

## De Burgh Gardens, Epsom

Epsom | 2016 -2021 | London Square| Value - £40M

The project consists of **170 houses (3 & 4 bedroom)** and **59 apartments (1 & 2 bedrooms)** set over a wide site that was formerly De Burgh school playing fields. Each dwelling has its own gas fired boiler fed from a new gas network installed throughout the site. The local authority had a 10% renewable obligation which is met from a series of PV arrays located on the roof tops of the apartment blocks.



## CONTACT

Jon Fowler  
07815 908084  
[jon@fowlerclark.com](mailto:jon@fowlerclark.com)

Jim Clark  
07540 129232  
[jim@fowlerclark.com](mailto:jim@fowlerclark.com)