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# MECHANICAL & ELECTRICAL

## OUR PORTFOLIO

# BIG ENOUGH TO DELIVER SMALL ENOUGH TO CARE

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The following pages outline our experience in delivering mechanical and electrical services and projects across all industry sectors. Axis is appointed on a number of important Frameworks where we showcase our capabilities across multiple disciplines.

If you're interested in a business partner that can deliver your project on time and in budget, contact me today.

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Head of Business Development

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# INTRODUCTION

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The following pages outline our capabilities in providing mechanical and electrical services to our clients. We have experience in an extensive range of projects, including those that involve water hygiene, compliance, design and installation of commercial plant rooms, installation repair and maintenance of boilers and EV charging points installation as well as day to day and emergency repairs.

Axis is a member of the Gas Safe Register (formerly CORGI), National Inspection Council for Electrical Installation Contracting (NICEIC) and Chartered Institution of Building Services Engineers (CIBSE). We are also approved as an OZEV authorised ChargePoint Installer.

Our team of fully qualified gas and electric managers are responsible for M&E responsive, emergency, and day to day repairs. The team is headed up by our M&E Divisional Manager, Alan Noble.

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Alan is on the board of Chartered Institution of Building Services Engineers (CIBSE) and serves as a judge on the prestigious awards panel of major trade publication Heating and Ventilation News.

Our M&E team puts compliance and safety at the heart of all their work to ensure residents have a safe home with fully operational systems.

From 2025, gas boilers using natural gas will not be allowed in new homes. Axis and our clients will be working with new technologies within air, water and ground source heat pumps and hydrogen gas networks to reduce carbon and bring in the Net Zero requirements the government demands.

*Recent projects include:*

- Design and installation of commercial boiler house serving 200 dwellings with Worcester Bosch hydrogen-ready boilers
- Lateral riser works and boiler rooms
- Installation of district heating systems

*Our M&E works comprise:*

- Responsive/Emergency Repairs
- Day to Day Repairs
- Design and installation of commercial plant rooms
- Compliance and Landlord Gas Safety Records
- Electrical Installation Condition Reports (EICR)
- Lateral Riser Testing Programmes
- Water Hygiene
- Boosted Water pumps
- Boiler and appliances – installation, repair and maintenance
- Lighting – installation, bespoke systems, upgrades and emergency
- Installation EV charging points
- Ventilation

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# OUR CLIENTS

Axis works with a variety of clients across a multitude of construction sectors. These include: Housing, Commercial, Heritage and the Public Sector.



**CROYDON**  
[www.croydon.gov.uk](http://www.croydon.gov.uk)









# EXPERIENCE

OUR PORTFOLIO OF MECHANICAL  
& ELECTRICAL PROJECTS



# LAURENCE HOUSE REMODELLING



Brand new reception remodelling at Lewisham councils headquarters in Catford, London.

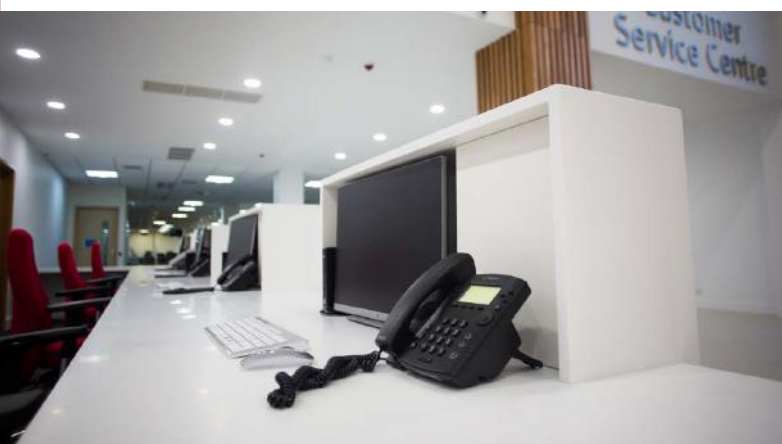
**Value: £500,000**  
**Duration: 44 weeks**

## Works

To update the building, Axis completed an internal mechanical and electrical work programme which came alongside external refurbishments. As Laurence House was fully operational and open to the public during the works, due care and attention was paid to occupiers and visitors. Works throughout the building were carefully phased to avoid excessive disruption in this contract.

## Specifications

- Full M&E strip out
- Full security features including CCTV controls, intercoms, intruder alarm, panic alarm and turnstiles controls
- Fire Resistant automatic closing roller-shutter door (actuated by fire alarm link)
- Four modern workstations
- Installation of Q-matric ticket issuing system



## 16 ST JAMES RECEPTION

# THE CROWN ESTATE

High end refurbishment at a Grade A office building in one of London's most prestigious postcodes.

**Value: £345,000**

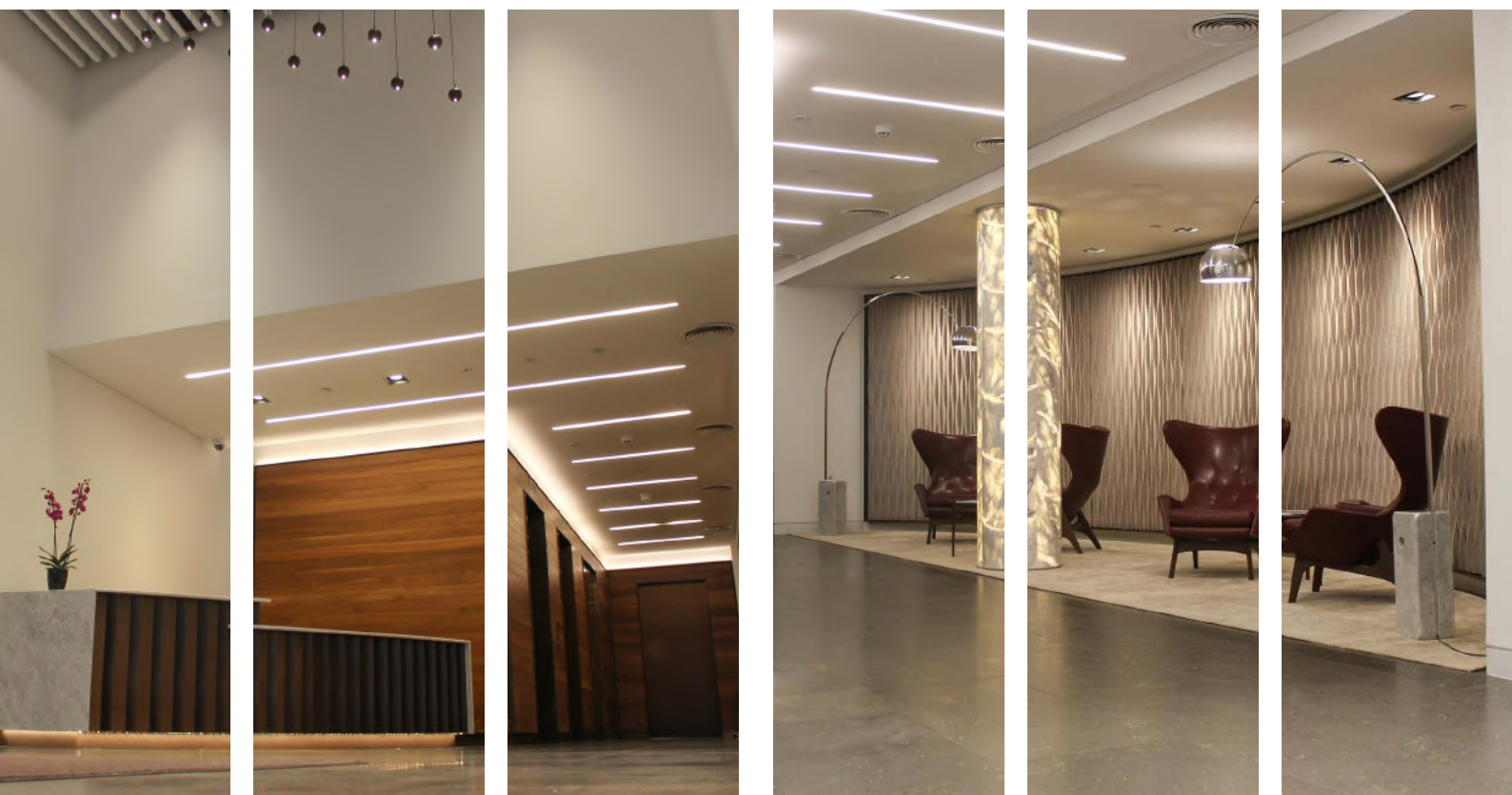
**Duration: 9 months**

### Works

Axis provided a modern refurbishment at this the Grade A office. Not only did we deliver a contemporary design, our specialist M&E team also revamped the reception area with high-calibre and dynamic utility services.

### Specifications

- New entrance doors with supporting power and interfacing with fire alarm system/magnetic lock with manual override
- Sonos single zone background music system
- Continuous LED linear uplighting/Simmtronic SPECS3 intelligent Lighting Control
- Fire detection and alarm systems
- Telecoms – BT master/slave outlet fitted, plus wireless access point/router
- Plinth Heater (Kickspace heater electric with black coloured grille)
- Desk power – 2 freestanding c/w 1m mains lead to 3 pole connector INCA power & USB charging desk module by CMD





## 16 ST JAMES BOILER WORKS



Our Specialist M&E team replaced all the existing boilers at a Grade A office building in Central London.

**Value: £220,000**

**Duration: 8 weeks**

### Works

Axis used pragmatic and effective M&E solutions to ensure that our work remains robust and long-lasting. Our team was more than capable of delivering an excellent standard of M&E works, demonstrating their proficiency from start to finish.

### Specifications

- Isolation of existing M&E systems
- Drain, strip out and removal of existing cast iron sectional boilers, associated shunt pumps, primary pipework and all Building Management System Panel (BMS) controls
- Installation of new modular boilers with new pump set serving the primary circuit
- Back-end protection, pipework, low loss header, valves, controls and ancillaries
- New pressurisation unit, dosing pot, expansion vessel with BMS and controls to interface and connect with existing BMS system
- Inset flue lining where required
- Replacement flue sections at reception level and within the basement plant room



# POLICE STATION EV CHARGING POINTS



**METROPOLITAN  
POLICE**

Our OZEV authorised team delivered important future-proofing M&E works at multiple London locations.

**Value: £180,000**

**Duration: 3 months**

## Works

Our client's Carbon Reduction scheme saw electric vehicles added to their Fleet Patrol Cars. Our OZEV approved specialists installed Electric Vehicle Charging Points, as well as all Building Management Systems (BMS) controls with associated works.

## Specifications

- Site-specific provision of new electrical supplies for EV charging outlets.
- Charging points + containment
- New external LV distribution system
- Crash barriers
- New cable routes + high-level containments
- New internal LV distribution system
- BMS controls and wiring
- Supply and instal of new incoming supply: 6 22-kw Rapid Charge; 5 7-kw Chargers; 6 3-kw Chargers





# BRODICK HOUSE BOILER WORKS



As part of the Decent Homes contract, Axis undertook planned improvements in 22-storey Brodick House

**Value: £2,100,000**

**Duration: 12 months**

## Works

Axis provided substantial M&E works during Phase One of our contract, improving the central heating and water systems to 130 flats. A boosted water system was also implemented to provide better water pressure across the 22 floors.

## Specifications

- Boiler plant house installation
- Central heating installation
- Boosted water system
- New central 'low pressure hot water' boiler plant
- New boiler plant house
- Installation heating distribution system
- Central heating installations and associated electrical and control services within 130 flats
- New boosted water installation works



# TOWER 42 ADAPTATION OF EXTRACT SYSTEMS



Axis worked at one of six locations at Tower 42, a prestigious high-rise building in the City of London.

**Value: £280,000**

**Duration: 16 weeks**

## Works

Our M&E specialists took on this programme as part of a design and build project to existing fans within Tower 42. We created two new UK Power Network Rooms to feed the property's fuse boards.

## Specifications

- Demolition and Restructure of walls
- Ventilation works
- UK Power Network Room installation
- HV client switch room
- Tank room installation
- Gatic Hatch fitting





# TRAMWAYS HOUSE M&E UPGRADES



Axis took on the task of providing upgrades to our own office building in the heart of East London, Stratford.

**Value: £2,100,000**

**Duration: 5 months**

## Works

Following a Cat A and B strip of the building, our M&E experts provided a full programme of internal and external works to create a state-of-the-art office space and headquarters for Axis.

## Specifications

- Intelligent Lighting
- Power and Data cabling
- New Server room
- Data upgrade
- Plumbing
- New Air Conditioning and Ventilation Plant
- New Boilers
- Roofworks
- Lockers with swipe access for security







# ABOUT AXIS

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Axis was formed in 1986 and restructured in 1994, leading to a sustained period of growth. Reliability, craftsmanship and a desire to add value at every juncture has been instrumental in our success. We have a high percentage of repeat business, supporting our company ethos that we have no desire to be the biggest service provider, but every intention of being the best.

Our detailed five year business plan measures growth alongside overhead and profit. Being a privately owned company, we make our own decisions without competing shareholders and targets. We use forward order books and a tender pipeline to bid for business that we know we can deliver.

Our high levels of service builds long term, mutually rewarding partnerships with like minded organisations. We strive for continuous improvement through in-house training, key performance indicators, internal benchmarking, external auditing, and innovative working practices.

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# AREAS OF OPERATION

Axis has 4 main offices across the UK, including our head office located in Stratford, London. We also operate in the South East, the Midlands, and the North West.

We have adapted to the times with an agile and flexible approach to working, and we can offer our clients hot desk workspace and meeting rooms in our offices.

Our widespread locations allow us to provide local support to our clients and support our mobile working approach, in all stock areas.



# EXPERT PROFESSIONALS

**£150m**  
Turnover

**1000+**  
Workforce

**6A1**  
Rating

**35 Yrs**  
Established

Every client receives a comprehensive range of property services with dedicated management expertise, technical capability, specialist operatives, head office support and a 24/7 help line. This ensures business carries on without disruption. Our integrated service means clients avoid problems associated with managing a multitude of different contractors. One Axis contact will control and integrate the work of all contractors.

All of our operatives are fully qualified, accredited and insured to carry out professional works in occupied or empty properties. This provides full compliance with building regulations and to client agreed service levels. Our service carries comprehensive insurance cover.

**£15m**  
Public Liability

**£2m**  
Contractors All Risk

**£10m**  
Employers Liability

**£10m**  
Professional Indemnity



**Gold Medal Award**





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 **Mechanical and Electrical Portfolio**  
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