



A Breath Of Fresh Air

Mechanical Engineers
Electrical Engineers
Sustainable Engineers

ABOUT US

edc provides a full range of services in the areas of Mechanical, Electrical & Sustainable Engineering, Project Management and Construction Supervision. All our work is performed to the highest ethical standards using a unique approach for each project.

We utilise and invest in progressive technology to efficiently provide Mechanical and Electrical Engineering services to develop buildings of the future.

Comprehensive drawings and documentation are produced for each project, helping to ensure that construction runs smoothly and within budgets.

We realise that each project is unique and we take pride in tailoring a specific solution for the requirements of each client.

Richard O'Farrell Managing Director

"edc realise that each project is specific to its site conditions and end user requirements and we take pride in tailoring cost effective, innovative engineering solutions for each of our clients projects."





MECHANICAL & ELECTRICAL ENGINEERING

Mechanical Engineering

Our Mechanical Engineering Services include:

- HVAC Design
- AHU Systems
- Building Services
- Fuel Source Analysis
- Soils and Wastes Design
- Air Conditioning Design
- Ventilation Design
- Heating and Plumbing Systems
- Energy Management/Conservation
- Vertical Transport
- CHP Plant Design
- Firefighting
- Fuel Infrastructure Design & Assessments
- EPC (Energy Performance Certification)/BER
- Life Cycle Cost Analysis

Electrical Engineering

Our Electrical Engineering Services include:

- Low Voltage and Medium Voltage System Design
- Back-up Power Systems
- Discrimination Studies
- Power Distribution
- Building Services
- Programmable Control Systems
- Lighting Design
- Fire Protection System
- CCTV, Access Control and Security Systems
- Lightning Protection and Grounding Systems
- Data/Voice Communication Systems
- Satellite & Audio/Visual Systems
- Hazardous Area Classification
- Power Monitoring and Analysis

“Project success is driven by teamwork.”



• Carlton Hotel



• Haven Bay



• Castle Square

“edc’s diligent and professional efforts contributed greatly to the success of the City Square project. Their team of experienced professionals demonstrated that they are highly motivated, technically capable and committed to their obligations to all aspects of our engineering requirements. John Paul Construction looks forward to collaborating with edc on future projects.”

*Liam Casey
Director
John Paul Construction*



“Sustainable Engineering endeavours to minimize adverse environmental impacts and to conserve natural resources for future generations by minimising consumption of energy and increasing the use of renewable energy sources.”

**SUSTAINABLE
ENGINEERING**

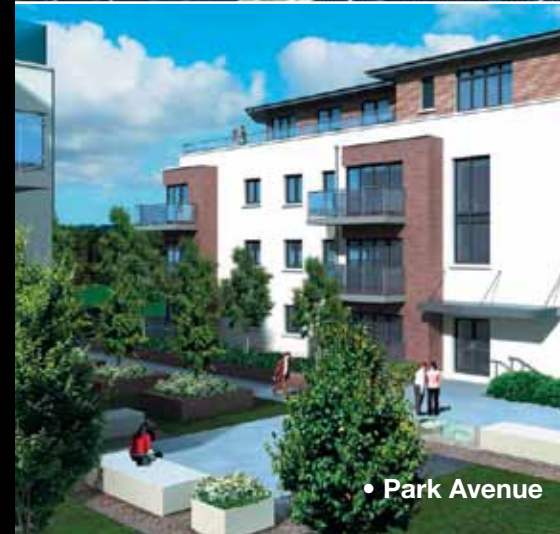
As pioneers in the design of low-energy, high performance buildings and systems, edc fully supports the importance placed on sustainability and welcomes the challenges this presents. edc are recognised throughout the industry as being at the forefront of sustainable design and as a consultancy it is a way of thinking that we promote and encourage across all design teams.

Sustainable design services include:

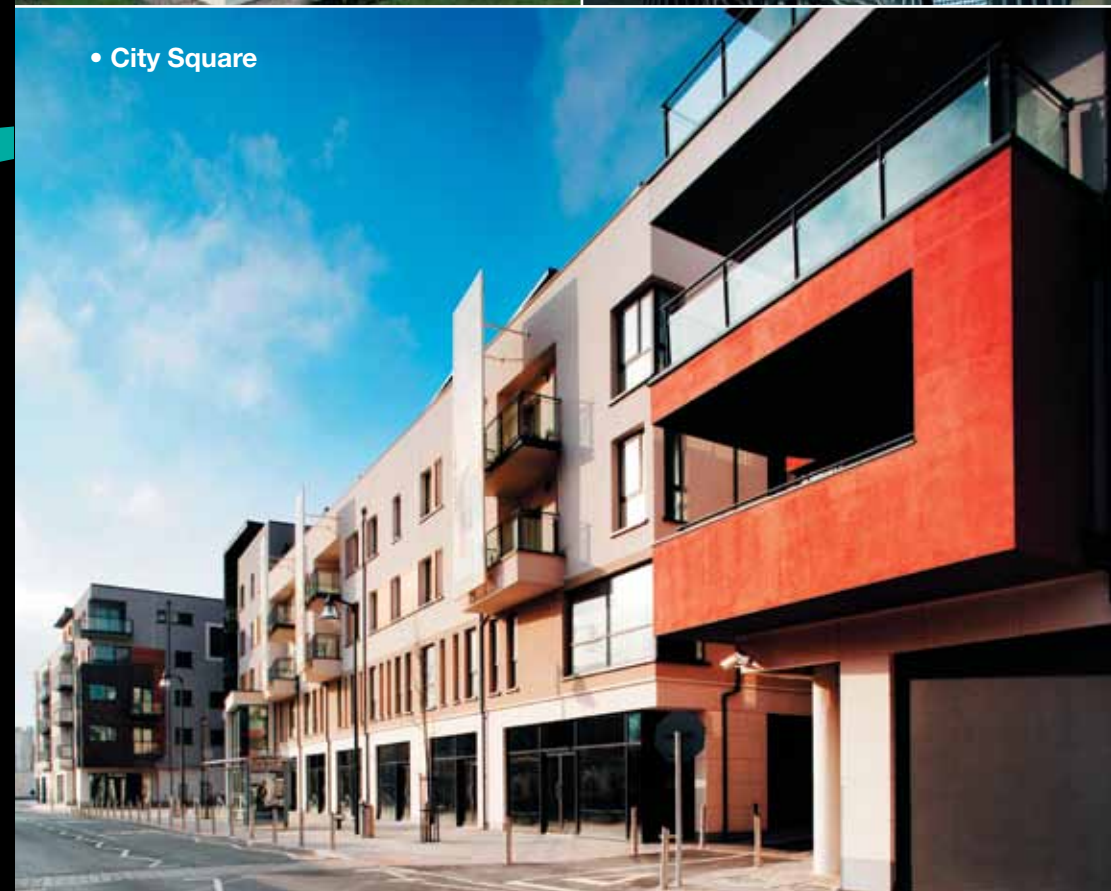
- CHP Design
- District Heating Systems Design
- Energy Efficient Lighting Design
- Biomass Systems Design
- Biofuel Systems Design
- Rainwater Harvesting / Grey Water Solutions
- Heat Pump Design
- Solar Energy Systems Design
- Wind Turbine Design
- Heat Recovery Systems Design
- Low-energy Façade Designs
- Natural Ventilation
- External Shading Systems
- Thermal Modelling
- BREEAM Assessors
- Low Carbon Consultants
- EPC/BER Assessors



• The Elm Tree Bar



• Park Avenue



• City Square



• Hermitage House Hotel

OUR SECTORS

“Success is
driven by people.”

edc provide Mechanical, Electrical and Sustainable Engineering to a large range of clients in a variety of sectors.

It is our highly developed design process and vast technical skills that ensures that we have the capability to deliver innovative engineering solutions to our clients across such a broad range of sectors.

Sectors

- Commercial/Retail
- Hotel & Leisure
- Industrial
- Residential
- Educational
- Healthcare/Hospitals
- Pharmaceutical

Some of our clients:

- BAM Contractors
- Bowen Group
- Cork Institute of Technology
- Coleman Brothers Developments Ltd.
- Cork City Council
- Cork County Council
- Department of Education & Science
- Diamond Build Plc
- Dun Laoghaire Council
- Frinaila Developments
- Galway Mayo Institute of Technology
- Health Service Executive
- John Paul Construction
- John O'Neill & Partners
- Kenny Group
- Rotary M & E
- Volker Fitzpatrick
- Sisk
- SWS Group

OUR SERVICES

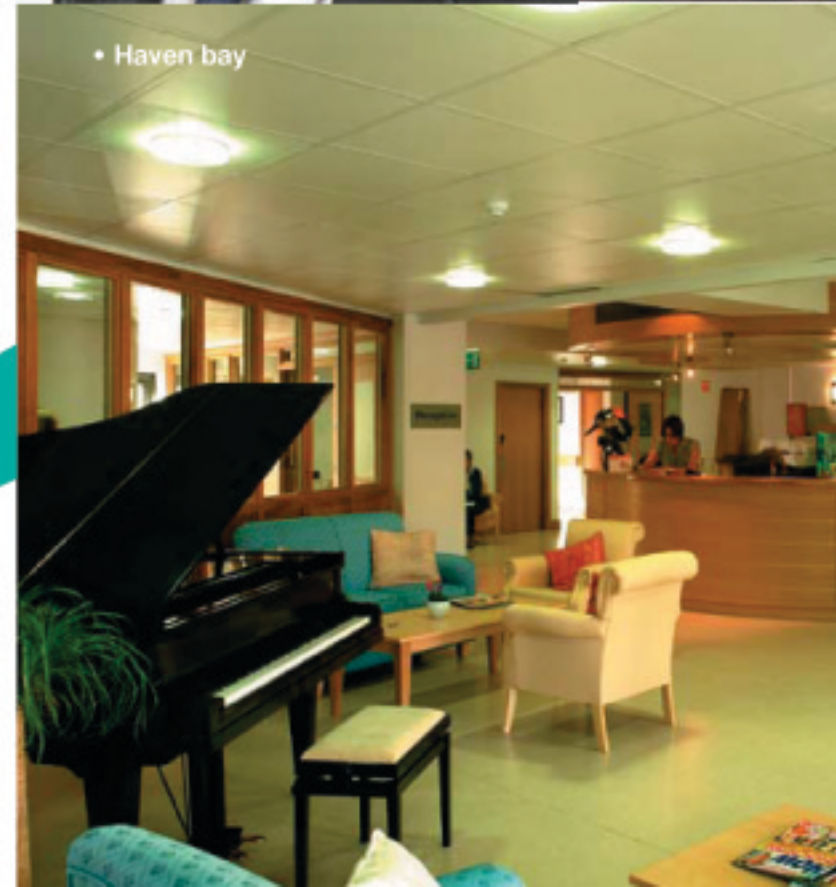
edc provides a comprehensive range of services in the areas of Mechanical, Electrical and Sustainable Engineering Design, Project Management and Construction Supervision.

Services:

- Mechanical Engineering
- Electrical Engineering
- Sustainable Engineering
- Energy Analysis & Conservation Studies
- BREEAM Assessors
- Cost Monitoring, Analysis & Reporting
- Instrumentation & Automation
- Low Carbon Consultants
- EPC/BER Assessments
- Expert Witness
- M&E Site Engineers & Coordinators

We also offer:

- Energy Performance Certification (EPC – Commercial UK) Standard Assessment Procedure (SAP – Domestic UK) Building Energy Rating (BER – Commercial & Domestic Ireland). We are qualified to provide Provisional and Final certification of both commercial and residential units.
- Cost Analysis and Conservation Studies. Reduction of energy costs is essential for improvement of business competitiveness. We can make recommendations on improvement of energy usage efficiency and operations.



THE FUTURE

edc will continue to offer independent advice & design resulting in unrivalled solutions best suited to our Client's needs.

- edc will continue to provide a design service that makes a real difference to everyone's living and working in the build environment.

- edc will continue to work with the world's finest architects, pioneering innovative engineering solutions which balance style, functionality, value and benefits, as well as flexibility for future needs.

- edc will continue to drive innovation and push boundaries in our sector while shaping corporate strategies with our integrated sustainable solutions.

- With buildings responsible for 40% of all energy consumed edc will continue to design passive systems (natural ventilation etc.) wherever possible in favour of the traditional active systems.

- edc will continue to embed sustainability into the technical expertise, advice and solutions we provide to our clients whilst also ensuring our clients competitive advantage.

- edc will continue to lead the industry in exploring new technologies and embracing change to meet the challenge of a low carbon future.

London Office
23 Princes Street,
London,
W1B 2LU, U.K.

Tel: +44 (0) 203 004 0062
Fax: +44 (0) 203 031 1386
Email: info@edclondon.co.uk
Web: www.edclondon.co.uk

Cork Office
River House,
Blackpool Business Park,
Blackpool, Cork, Ireland

Tel: +353 (0) 21 428 0476
Fax: +353 (0) 21 430 8282
Email: info@edc.ie
Web: www.edc.ie