

# HARLEY HADDOW

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ENGINEERING POWERED BY THE PAST  
BUILDING THE FUTURE

## GLASGOW

45 West Nile Street  
Glasgow, G1 2PT  
+44 (0)141 332 3031

## LONDON

Unit A2 Hatchers Yard  
9 Tanner Street  
London, SE1 3LE  
+44 (0)203 735 5060

## MANCHESTER

Brown Street,  
Manchester, M2 1DH  
+44 (0)161 209 6918

## EDINBURGH

124 - 125  
Princes Street  
Edinburgh, EH2 4AD  
+44 (0)131 226 3331

## INVERNESS

The Tree House  
Carsegate Road  
Inverness, IV3 8EX

## FORT WILLIAM

Suite 6 20a High Street  
Fort William, PH33 6AT  
+44(0) 1397 719384

# About Harley Haddow



## RETURNING TO **FOOTPRINT+** 2024! *Sponsors of the Nature Stage*

At Harley Haddow, we take pride in our rich history and extensive experience ingrained in the fabric of our business.

With offices located in Glasgow, Edinburgh, London, Manchester, Fort William, and Inverness, we are a team of over 130 professionals, including chartered engineers, graduate engineers, and technicians.

We cherish the close and enduring relationships we have cultivated with architects, developers, and clients who value our distinctive approach. The cornerstone of our success lies in securing repeat business through the delivery of excellent design, innovation, and comprehensive project support.

If you would like further details about our projects, the services we offer or to arrange a catch up, please don't hesitate to get in touch using the information on the right.

*Award-winning Mechanical,  
Electrical, Civil, Structural,  
Building Performance &  
Sustainability Consulting  
Engineers.*



**GUY  
WILLIS- ROBB**  
Director, London

### Contact

**E:** [Guy.Willis-Robb@harleyhaddow.com](mailto:Guy.Willis-Robb@harleyhaddow.com)  
**M:** 07890 627 977



# MEET THE TEAM



**ANDREW JONES**  
ASSOCIATE DIRECTOR



**ROB LEWIS**  
PRINCIPAL  
MECHANICAL ENGINEER



**GUY WILLIS-ROBB**  
DIRECTOR



**GAURAV KATARIA**  
BUILDING PERFORMANCE  
& SUSTAINABILITY  
ENGINEER



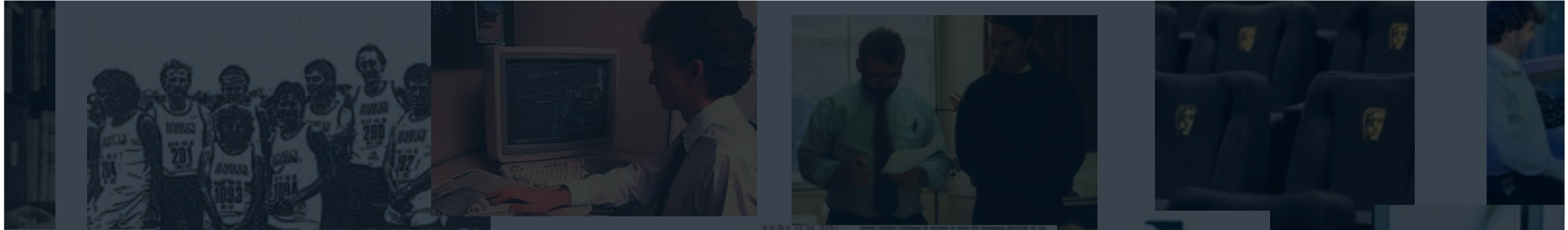
**KAMRAN AFSHAR**  
BUILDING PERFORMANCE  
& SUSTAINABILITY  
ENGINEER



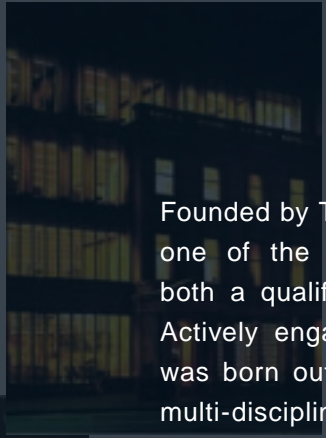
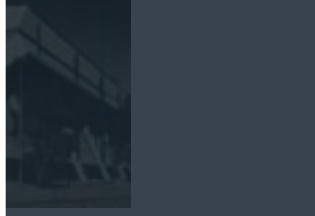
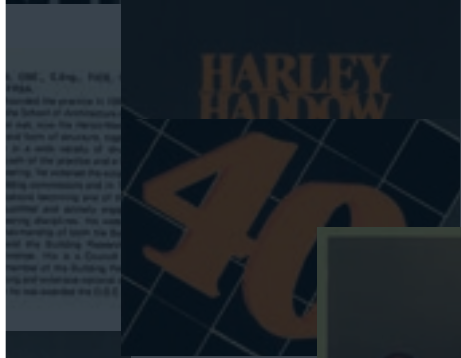
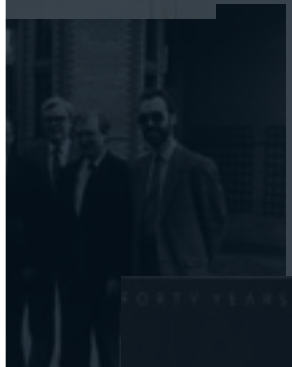
**PHILIP JAMES POINTER**  
PRINCIPAL BUILDING  
PERFORMANCE &  
SUSTAINABILITY ENGINEER



**SMAAK MIRZA**  
PROJECT MECHANICAL  
ENGINEER



HP  
ODD & PARTNERS  
T 25 YEARS  
- 1975



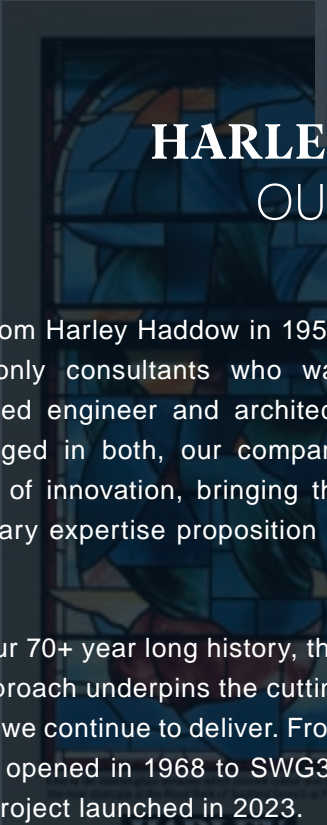
Founded by Tom Harley Haddow in 1950, one of the only consultants who was both a qualified engineer and architect. Actively engaged in both, our company was born out of innovation, bringing the multi-disciplinary expertise proposition to the market.

Throughout our 70+ year long history, this innovative approach underpins the cutting edge projects we continue to deliver. From Dollan Baths, opened in 1968 to SWG3's BODYHEAT project launched in 2023.



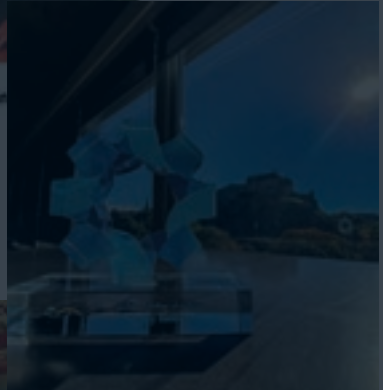
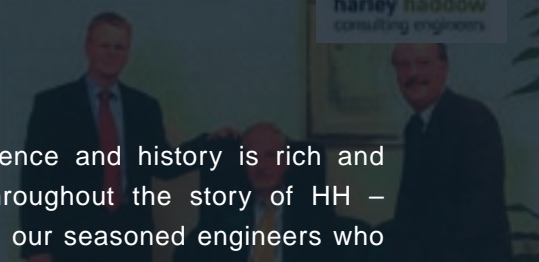
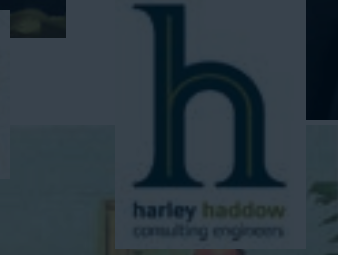
# HARLEY HADDOW

## OUR STORY



Our experience and history is rich and is sewn throughout the story of HH – reflected in our seasoned engineers who have spent decades of their career here or the legacy left behind in high profile buildings that still stand today.

Our story is the long standing history first and foremost; the expertise, knowledge and reputation in the market that comes with this but also the perpetual drive to continue to push the boundaries and deliver projects built for the future.



# HARLEY HADDOW



## 74 YEARS IN BUSINESS



**in the  
UK**

MADE UP OF  
EXPERT

multi-disciplinary  
engineering teams

# 130+

UK STAFF



# 16 TIME AWARD FINALISTS



## 6 AWARDS WON



## £7k+

DONATED IN 2023/4



## **Our History**

Since 1950, Harley Haddow has been built on a firm foundation of engineering expertise across all disciplines and sectors. Our reputation has been cemented on close, collaborative working relationships. For us, the best projects are achieved side-by-side, face-to-face.

Our engineers are experienced across all sectors of the construction industry from condition and acquisition surveys and the design of the refurbished or new-build commercial buildings, to complex refurbishments of hotels and retail buildings.

## **Our Team**

## **Our Projects**

Each project is bespoke. We respond to the architectural aesthetics and client expectations with robust and efficient design solutions. Sustainability is fundamental and we consider from the outset an understanding of safe buildability to ensure successful development.

Harley Haddow are certified Passivhaus designers and can work with architects and design teams to ensure their designs meet this rigorous standard. Teams are led by experienced Engineers with over 30 years' experience, with Director involvement from start to finish.

## **Our Expertise**

# AWARD WINNING ENGINEERING

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## **Winner | Scottish Prestige Awards**

MULTI-DISCIPLINARY ENGINEERING CONSULTANCY OF THE YEAR



## **Winner | Grafters Awards**

BEST M&E CONSULTANCY



## **Winner | ACE Awards**

BEST SUSTAINABILITY PROJECT  
NET ZERO ADVISOR OF THE YEAR



## **Winner | Design & Build Awards**

BEST NATIONWIDE SUSTAINABLE ENGINEERING CONSULTANCY FIRM

# Our Sectors



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Our story is the long history first and foremost; the expertise, knowledge and reputation in the market that comes with this but also the perpetual drive to push the boundaries and deliver projects built for the future.

# Our Services





# OUR MISSION

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## TECHNICAL APPROACH

As a multi-disciplinary unit, we provide a **collaborative and consistent** design approach which allows for **streamlined** engineering solutions. Our **carefully composed team** is a cross section of some of the highest level of industry talent and their **specialist** solutions have contributed to some of the UK's highest profile projects.

## UNIQUE EXPERIENCE

**Sustainability** is and has always been at the core of our business, as decarbonisation goals remain at the forefront of every design decision we make. We're proud to give our clients a concise and **user-friendly approach**, helping them to break down what Net Zero means in real terms, in a manageable and phased method. Net Zero can seem overwhelming, but it's achievable. Like any journey, you just need to set out with a good map first.

## SERVICE DELIVERY

The **approachability** of our team is what has gained us a portfolio of long-standing close clients, relationships with **real people** not a corporate face. For projects that need **versatile, robust, innovative and sustainable** solutions, Harley Haddow will provide our clients with industry leading expertise coupled with a commitment to delivery and superlative team collaboration and communication.

*We are committed, as leaders, to driving positive change within the built environment.*

# Net Zero Advisor of the Year

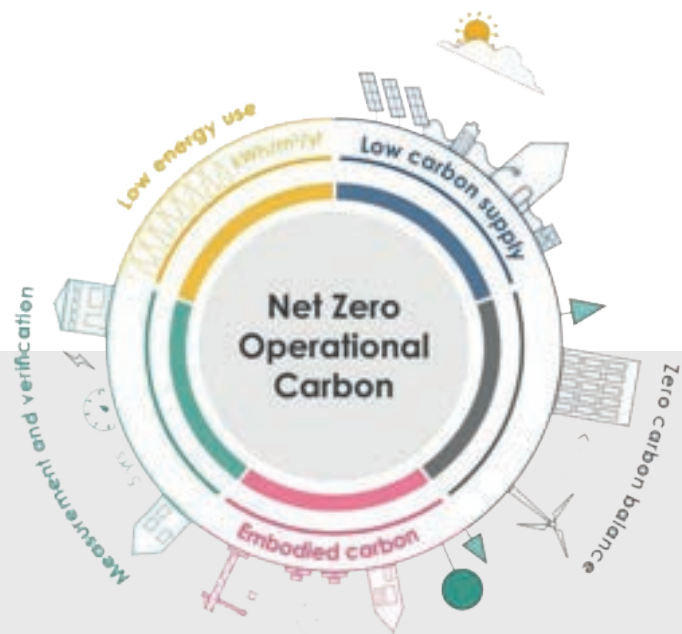
FINALIST  
UKREiIF  
AWARDS

FINALIST  
LONDON  
CONSTRUCTION  
AWARDS

FINALIST  
BUILDING  
AWARDS

FINALIST  
CONSULTANCY  
& ENGINEERING  
AWARDS

FINALIST  
CIBSE BUILDING  
PERFORMANCE  
AWARDS



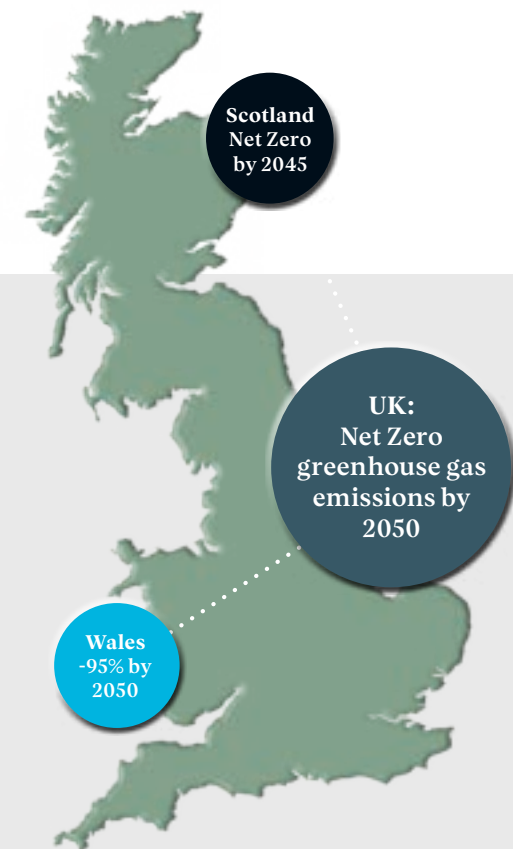
*Our designs have always embedded sustainable, low energy and low carbon building principles and we bring this extensive experience to allow us to deliver Net Zero buildings and masterplans.*

*We provide a comprehensive strategy on the requirements to meet net zero, whether it is a Net Zero “ready” design or the use of carbon offsetting contributions.*

The UK governments committee on climate change set an ambitious new target in May 2019 to reduce greenhouse gas emissions to zero by 2050 in order to accelerate climate change action.

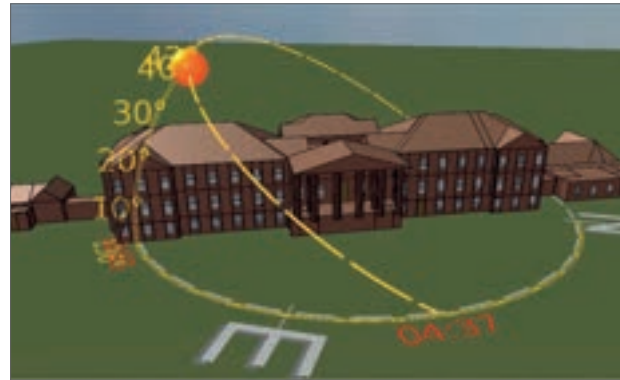
Achieving a ‘net-zero’ target by **2050** is in line with the UK’s commitment under the Paris Agreement, which the UK and the rest of the world signed in 2015 to curb dramatically the polluting gases that cause climate change.

In order to meet these targets, there will be policies put in place which will push new developments and existing buildings to **move away from fossil-fuel based heating systems such as gas or oil.**



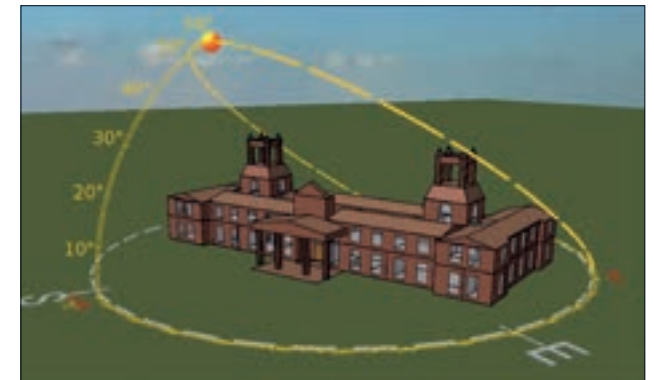
“ ”

Using a **holistic energy hierarchy approach**, we shall review and test all applicable solutions for the project and consider the impact of these changes; how this effects individual buildings, the future roadmap for your project site and any phasing of works.



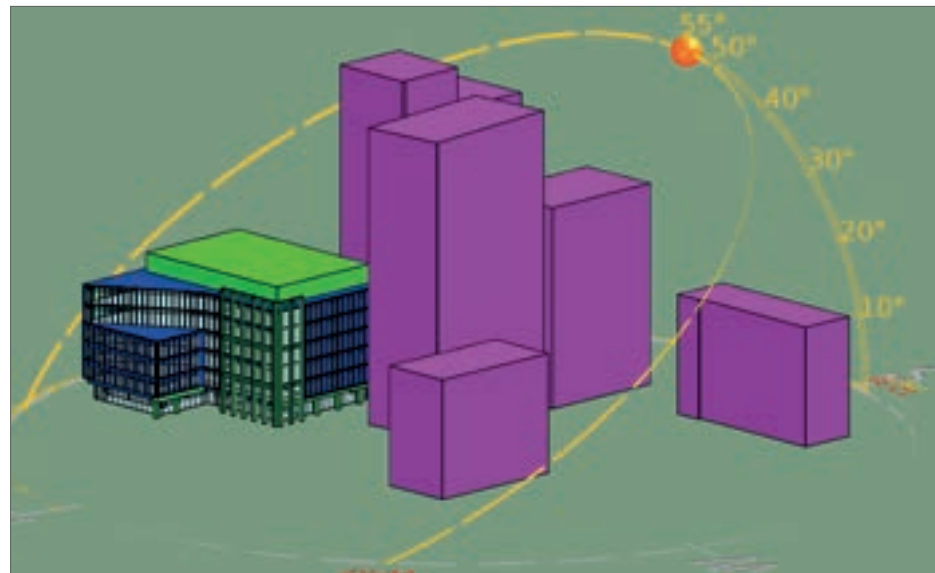
We understand that key to meeting these targets is building design and understanding of the energy consumption profiles in use.

*Our approach will always consider the current design standards and building regulations but allow the future proofing of final design strategy and the move towards a net zero society.*



At the very outset of the project, we shall conduct early feasibility studies and generate a concept level model using IES dynamic thermal simulation software.

This will cultivate meaningful design analysis options for energy and carbon consumption, daylighting, air quality and thermal comfort.



# SWG3

## BODYHEAT

BODYHEAT at SWG3 in Glasgow is our award-winning, ground-breaking sustainability project that uses visitors body heat to power the whole venue.

BODYHEAT has removed the use of natural gas and is anticipated to **save up to 70T/CO2** per year, a **43% reduction**.

BODYHEAT is a revolutionary innovation, designed to allow heat generated by visitors to the venue (and lighting / speaker systems) to be recovered and stored in a series of subsurface boreholes, acting as a large thermal battery.

This allows SWG3 to store recovered heat for days, weeks, or months and reverse the process to re-use in line with the building demand, maximising “free” energy re-use and minimising energy consumption.

Using building physics, Harley Haddow has determined the practical design solutions to maximise energy efficiency, minimise impact and retain control over costs, reducing risks from the outset of the design process by containing a full understanding of the system operations and parameters.



**Winner | ACE Awards**  
BEST SUSTAINABILITY PROJECT



# Higher Education



UNIVERSITY OF STIRLING  
STIRLING, £15M

## Higher Education Experience



UNIVERSITY OF EDINBURGH

**Client:** University of Edinburgh **Value:** £50m



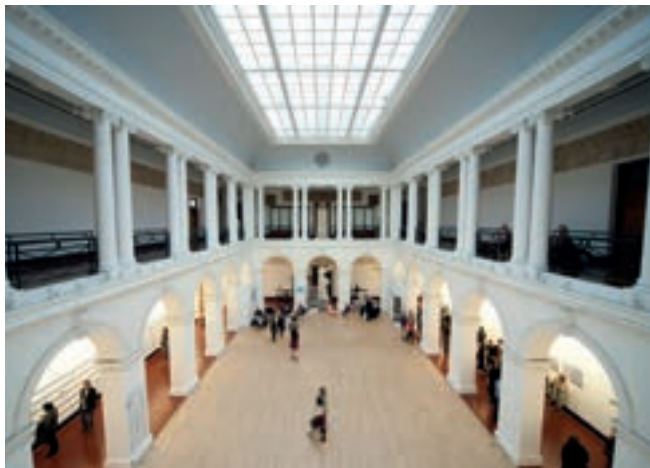
GLASGOW SCHOOL OF ART

**Client:** GSA **Value:** £25m



UNIVERSITY OF CREATIVE ARTS, EPSOM

**Client:** UCA **Value:** £12m



EDINBURGH COLLEGE OF ART

**Client:** Edinburgh College of Art **Value:** £13m



CENTRE FOR CARBON INNOVATION

**Client:** University of Edinburgh **Value:** £6.5m



HEART OF CAMPUS, GCU

**Client:** Glasgow Caledonian University **Value:** £21m



# Schools



**THOMAS SCHOOL**  
BATTERSEA, £6.4M

## Schools Experience



**HUNDRED OF HOO GRAMMAR, KENT**

**Client:** Hundred of Hoo School **Value:** £4m



**FETTES, EDINBURGH**

**Client:** Fettes College **Value:** £12m



**CITY OF EDINBURGH COUNCIL SCHOOLS**

**Client:** City of Edinburgh Council **Value:** £Various



**STRATHALLAN SCHOOL, PERTHSHIRE**

**Client:** The Royal Blind School **Value:** £4m



**ST JOHN'S SCHOOL, LONDON**

**Client:** St John's School **Value:** £8m



**DOLLAR ACADEMY, DOLLAR**

**Client:** Dollar Academy **Value:** £Various





Commercial



GROSVENOR STREET  
LONDON, £20M

## Commercial Experience



**BEAK STREET, LONDON**

**Client:** Private **Value:** £10m



**BANK OF SCOTLAND (HBOS), EDINBURGH**

**Client:** HBOS **Value:** £25m



**SOVEREIGN STREET, LEEDS**

**Client:** Royal London AM **Value:** £24m



**100 WEST GEORGE STREET, GLASGOW**

**Client:** Whiteburn Ltd **Value:** £7m



**TRADE UNION CONGRESS, LONDON**

**Client:** Trade Union Congress **Value:** £6m



**ASCOT BUSINESS PARK, ASCOT**

**Client:** Salmon Developments **Value:** £15m

Our project with **Sky** will allow it to **achieve Net Zero** on construction.





CUMBERLAND TERRACE,  
LONDON, £6M



## Private Residential Experience



ARDTEATLE, LOCH AWE

**Client:** Private **Value:** £4m



11A BELGRAVE SQUARE, LONDON

**Client:** Private **Value:** £12m



HIGH SUTHERLAND, SELKIRK

**Client:** Private **Value:** £Private



FLEUR DE LYS, 7 GRANGE ROAD

**Client:** Private **Value:** £8m



CUMBERLAND TERRACE

**Client:** Private **Value:** £6m



ARDFIIN ESTATE, JURA

**Client:** Ardfin Estate **Value:** £12m

DONALDSON'S COLLEGE,  
EDINBURGH, £50M

# Residential Developments



## Residential Development Experience



HPV, KENSINGTON

**Client:** Private **Value:** £6m



BENNINGTON ROAD LANE, EDINBURGH

**Client:** Platform **Value:** £75m



THE VICTORIA, GLASGOW

**Client:** Sanctuary Housing **Value:** £80m



PARKVIEW, DUNDEE

**Client:** Whiteburn Developments **Value:** £9m



NEWINGTON RESIDENCES, EDINBURGH

**Client:** CALA Homes **Value:** £4m



90 NEW ROAD, RAINHAM

**Client:** Clarion Housing Group **Value:** £170m



# Student Accommodation



BALLIOL COLLEGE  
LONDON, £40M



## Student Accommodation Experi-



WEST VILLAGE, GLASGOW

**Client:** Downing **Value:** £60m



BLUEBELLS, UNIVERSITY OF WARWICK

**Client:** University of Warwick **Value:** £26m



CAUSEWAYSIDE, EDINBURGH

**Client:** Paramount Printers Ltd **Value:** £2.5m



NEW COLLEGE, OXFORD

**Client:** New College **Value:** £2m



OPAL RESIDENCES, UNIVERSITY OF ABERTAY

**Client:** University of Abertay **Value:** £Private



HALLS, UNIVERSITY OF ST ANDREWS

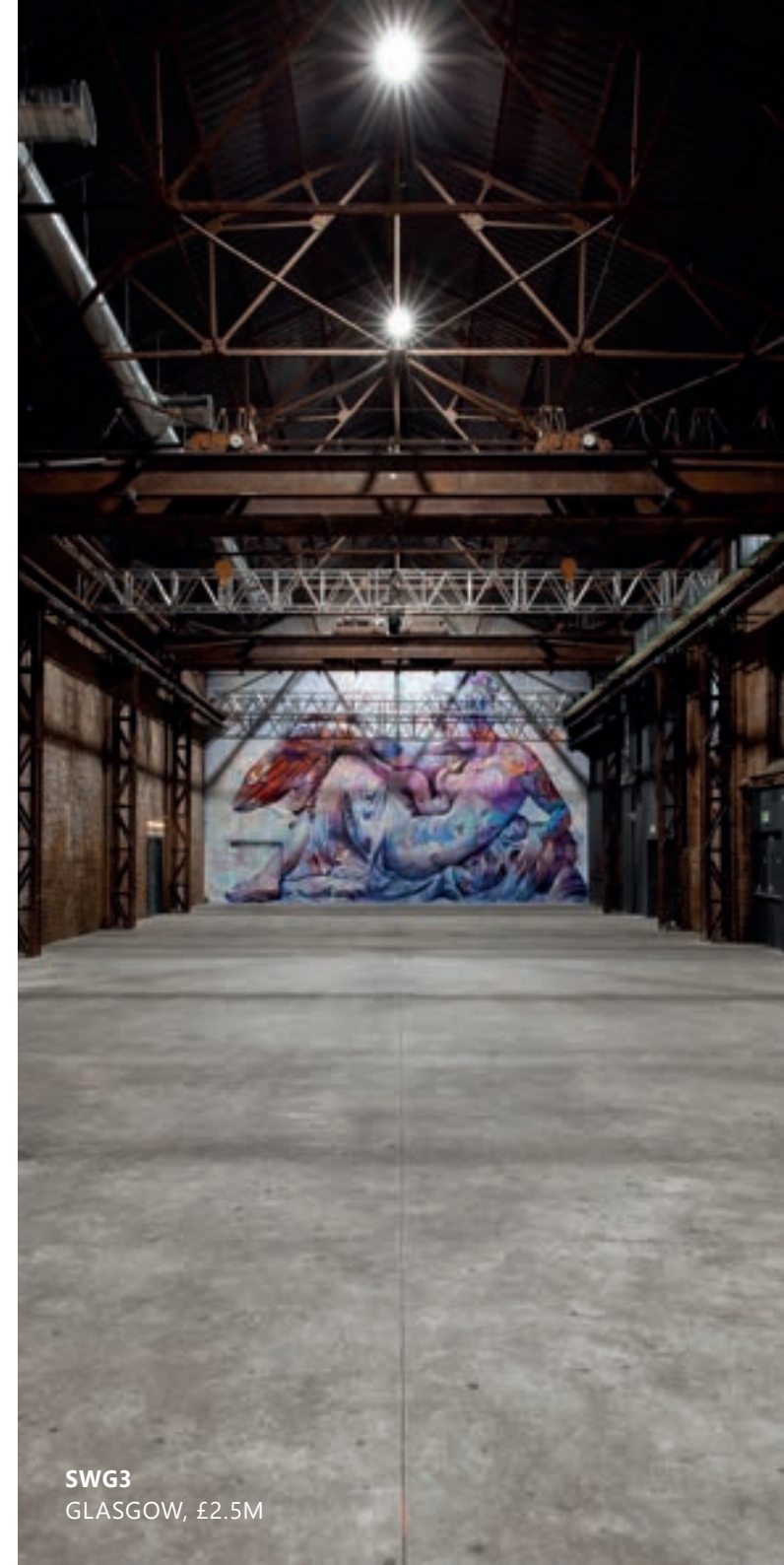
**Client:** Halliday Fraser Munro **Value:** £28.8m



# Arts & Culture



BAFTA HQ,  
LONDON, £22M



SWG3  
GLASGOW, £2.5M

## Museum & Arts Experience



ROYAL BOTANIC GARDENS EDINBURGH

**Client:** RBGE **Value:** £50m



V&A PHOTOGRAPHY MUSEUM

**Client:** V&A **Value:** £6m



THE ARCHES, GLASGOW

**Client:** The Arches **Value:** £3m



HORNIMAN MUSEUM, LONDON

**Client:** Horniman Museum **Value:** £Various



HAMPSTEAD THEATRE, LONDON

**Client:** Hampstead Theatre **Value:** £Various



GALLERIES OF SCOTLAND

**Client:** NGS **Value:** £Various



# Distilleries & Visitor Centres



**BORDERS DISTILLERY**  
SCOTTISH BORDERS, £6.5M

## Distillery & Visitor Centre Experience



PORT OF LEITH, EDINBURGH

**Client:** Port of Leith Distillery **Value:** £10m



ABBOTSFORD HOUSE, MELROSE

**Client:** Abbotsford Trustees **Value:** £15m



HARRIS DISTILLERY, HARRIS

**Client:** Isle of Harris Distillers Ltd **Value:** £4.2m



GRAHAM STREET DISTILLERY

**Client:** Halewood Artisanal Spirits **Value:** £5m



ROSSLYN CHAPEL, ROSLIN

**Client:** Roslyn Chapel Trust **Value:** £13m



CRABBIES DISTILLERY, LEITH

**Client:** Crabbie/Halewood Int. **Value:** £4.5m



Leisure



UOS SPORTS CAMPUS  
STIRLING, £17M

## Leisure Experience



**Client:** Glasgow Life **Value:** £35m



**Client:** Dance City **Value:** £9m



**Client:** Westminster School **Value:** £2m



**Client:** Private **Value:** £2.5m



**Client:** Raeburn Place Foundation **Value:** £Private



**Client:** Le Spa International **Value:** £4m



# Hotels



THE WELLESLEY  
LONDON, £18M



## Hotel Experience



**APEX HOTELS - MULTIPLE**

**Client:** Apex Hotels **Value:** £2.5m



**AUCH LODGE, GLEN COE**

**Client:** Private **Value:** £24m



**CAMERON HOUSE HOTEL, LOCH LOMOND**

**Client:** KSL CP **Value:** £30m



**KINGS HOUSE HOTEL, GLENCOE**

**Client:** Black Corries Estate **Value:** £7m



**SOPWELL HOUSE HOTEL**

**Client:** Sopwell House Hotel **Value:** £9m

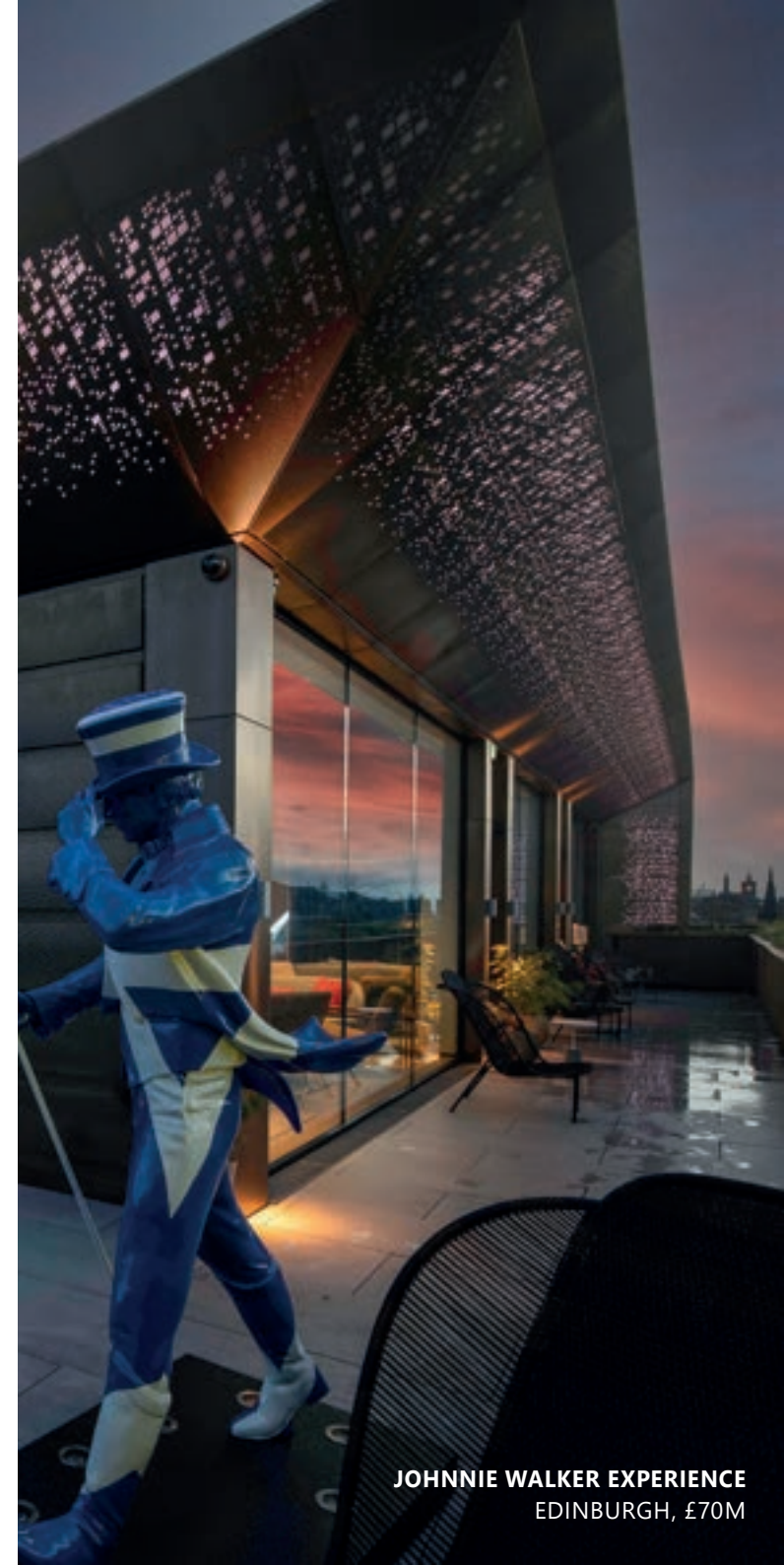


**ROXBURGHE HOTEL, KELSO**

**Client:** 12:18 **Value:** £Confidential



# Food & Drink



**JOHNNIE WALKER EXPERIENCE**  
EDINBURGH, £70M

## Food & Drink Experience



THE ALCHEMIST, ST JAMES QUARTER

**Client:** The Alchemist **Value:** £500k



COSMO, ST ENOCH

**Client:** COSMO **Value:** £500k



MAKI & RAMEN, ST JAMES QUARTER

**Client:** Maki & Ramen **Value:** £250k



L'OPERA, LONDON

**Client:** L'Opera **Value:** £400k



FIVE GUYS, ST JAMES QUARTER

**Client:** Five Guys **Value:** £200k



MARKET STREET HOSTEL & BAR

**Client:** Beds and Bars **Value:** £1.5m



# Healthcare



## Healthcare Experience



**ST MARY'S MEDICAL CENTRE, EDINBURGH**

**Client:** NHS Lothian **Value:** £3m



**VICTORIA HOSPITAL, FIFE**

**Client:** NHS Fife **Value:** £600k



**51 HARLEY STREET, LONDON**

**Client:** Private **Value:** £2.2m



**ROYAL MARSDEN HOSPITAL, LONDON**

**Client:** The Royal Marsden Hospital **Value:** £4m



**RIPPLE RETREAT, CALLANDER**

**Client:** It's Good 2 Give! **Value:** £6m



**UIST & BARRA HOSPITAL**

**Client:** Western Isles Health Board **Value:** £5.2m

NHS Greater Glasgow  
Value: £25m

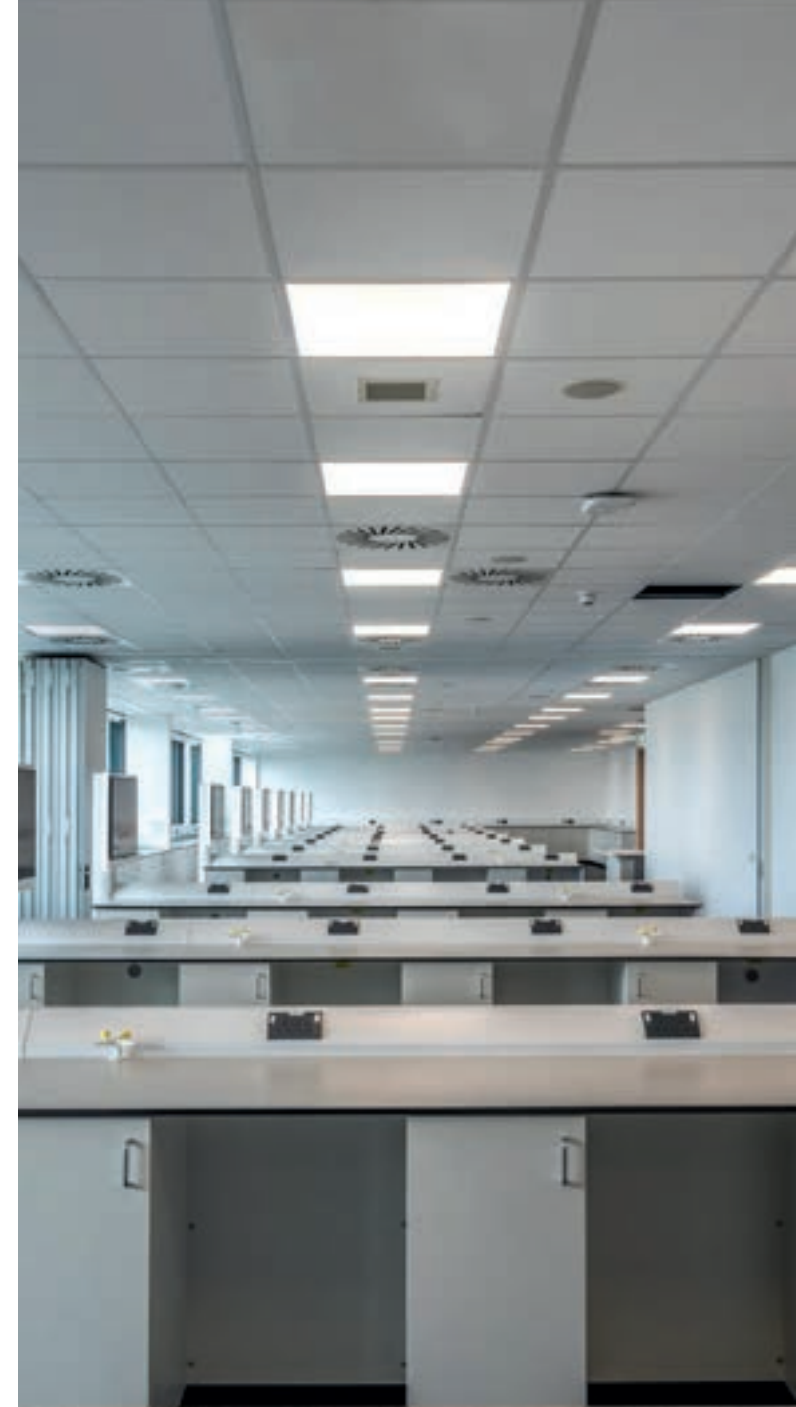
Leverdale Hospital  
Wards 1 & 2

Our project with **NHS Greater Glasgow** allows them to decarbonise in order to meet their **2045 Net Zero targets**.

Scottish  
Ambulance Service



# Science & Technology



**UWS EDZELL BUILDING**  
UNIVERSITY OF WEST SCOTLAND, £4.5M

## Science & Technology Experience



**CAMBREX, EDINBURGH**

**Client:** Cambres **Value:** £2.5m



**QUINTILES - MULTIPLE**

**Client:** Quintiles **Value:** £Various



**SELEX R&D FACILITY, LUTON**

**Client:** Selex Galileo **Value:** £3.5m



**LEONARDO - MULTIPLE**

**Client:** Leonardo **Value:** £Various



**HERIOT WATT UNIVERSITY, EDINBURGH**

**Client:** HWU **Value:** £Various



**RBGE PLANT HEALTH SUITE**

**Client:** RBGE **Value:** £6m





# Historic & Conservation

OLD COLLEGE LAW SCHOOL,  
UNIVERSITY OF EDINBURGH, £16M



## Historic & Conservation Experience



**HENRY MOORE FOUNDATION**

**Client:** Henry Moore Foundation **Value:** £6.8m



**EDINBURGH CASTLE, EDINBURGH**

**Client:** HES **Value:** £Various



**BOSTON MANOR HOUSE, MIDDLESEX**

**Client:** London Borough of Hounslow **Value:** £5m



**GLENAPP CASTLE, AYRSHIRE**

**Client:** Glenapp Castle **Value:** £6m



**ST NICHOLAS CATHEDRAL, NEWCASTLE**

**Client:** CoE, Diocese of Newcastle **Value:** £Private



**INVERNESS CASTLE, INVERNESS**

**Client:** The Highland Council **Value:** £25m

## Public Sector Clients

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HARLEY  
HADDOW