



OSBORN
a s s o c i a t e s

Osborn Associates Ltd
MEP Consultancy

CONTENTS

| | |
|--|----|
| Introduction to Osborn Associates | 3 |
| Design Capabilities | 4 |
| Mechanical, Electrical and Public Health Building Services | 5 |
| Building Physics | 6 |
| Security | 7 |
| Fire Systems / Fire Surveys | 8 |
| BIM Capabilities | 9 |
| Sector Experience | 10 |
| What Our Clients Say | 11 |
| Contact Information | 12 |



INTRODUCTION TO OSBORN ASSOCIATES

Osborn Associates Ltd consists of an experienced team of project managers, building services engineers, cost managers, fire engineers and surveyors working within the UK, Europe, the Middle East, Asia and New Zealand. All our areas of expertise are meticulously designed to ensure that our valued client partners benefit from minimal risk combined with optimum value for money. The strength and depth of our specialist areas enables us to deliver a customized service to our clients, combining technical excellence with consistent, market-led innovation.

The company has consistently undertaken technically challenging projects, whether they involve critical environments, high-value premises, forensic fire investigation management and reporting for legal teams, sensitive government schemes, or heavily serviced spaces.

We provide a stable platform for scheme delivery and offer a portfolio of completed projects from which to draw project management and design experience.

Established in 1994, Osborn Associates Ltd is privately owned and managed by the Directors and Associate Directors, who actively engage in all projects and aspects of company management and welfare.

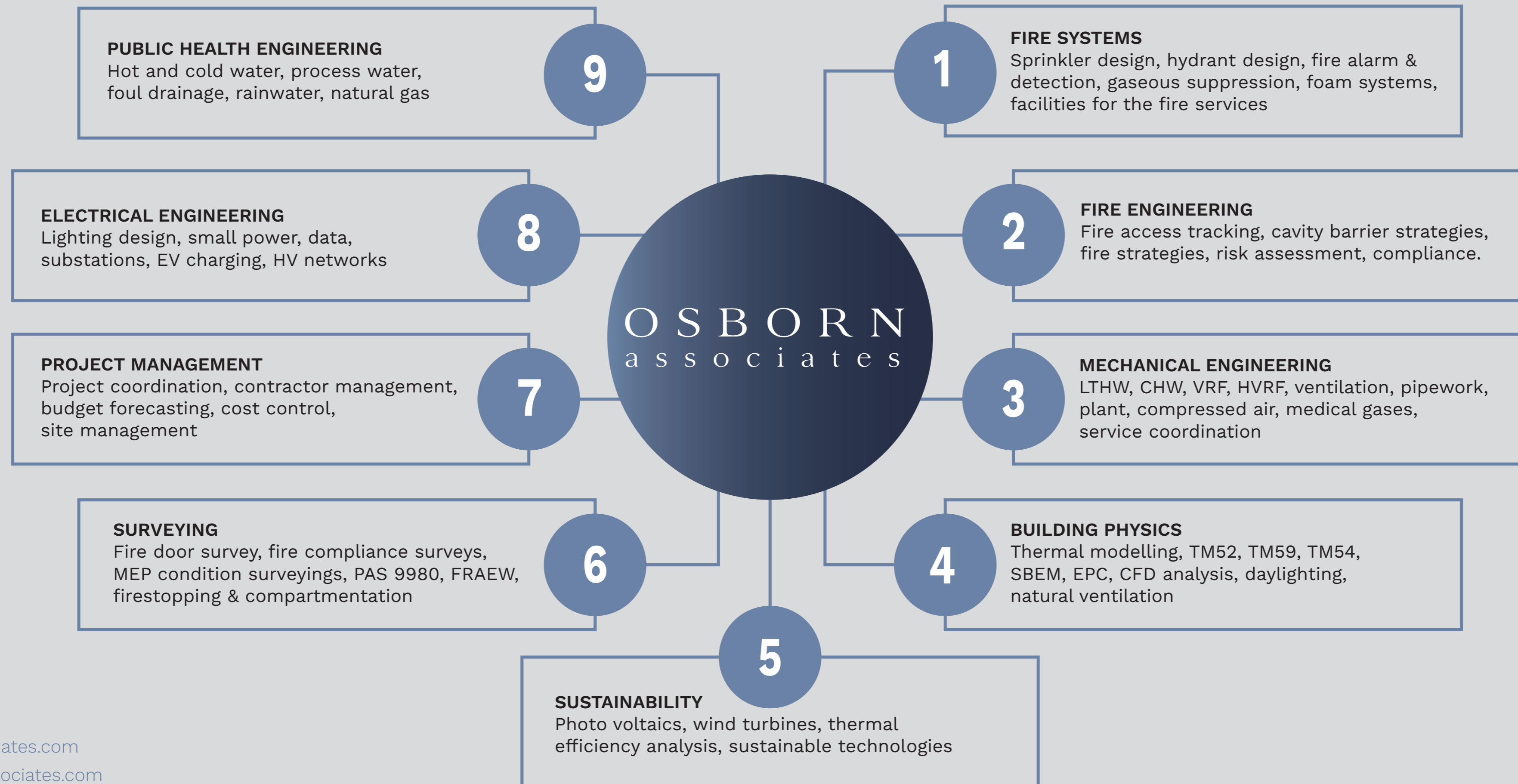


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DESIGN CAPABILITIES

Osborn Associates is a multidisciplinary design consultancy specialising in the following disciplines:





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MECHANICAL, ELECTRICAL AND PUBLIC HEALTH BUILDING SERVICES

Osborn Associates has a fully in-house experienced MEP design team with expertise in a wide variety of sectors, including healthcare, residential, commercial, educational, and industrial. Our MEP team is committed to providing exceptional service and compliant design to our clients.

MECHANICAL

HEATING

COOLING

VENTILATION

MEDICAL GASES

REFRIGERANT

COMPRESSED AIR

ELECTRICAL

SMALL POWER

LIGHTING

VOICE & DATA

HV/LV

EV CHARGING

PHOTOVOLTAICS

LIGHTNING

PUBLIC HEALTH

FOUL DRAINAGE

RAINWATER

DOMESTIC
WATER SERVICES

PROCESS WATER

NATURAL GAS



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BUILDING PHYSICS

Osborn Associates carry out their building physics and analysis in-house, and the team is experienced with various CFD and thermal modelling and techniques.

Net Zero carbon calculations

Thermal modelling

Daylight analysis

TM52 overheating calculations

TM59 overheating calculations

TM54 calculations

Humidification analysis

Solar design and optimisation

Condensation risk and thermal performance

BREEAM assessments

SBEM calculations (BRUKL)

Energy Performance Certificates (EPCs)

Smoke CFD analysis

LEED submittal and advice

Future climate change simulations

CO2 concentration calculations

Natural ventilation & purge ventilation

Renewable technology payback analysis

SECURITY

Osborn Associates are experienced in all types of CCTV, access control, and intruder detection systems. We can provide compliant and cost-effective solutions, including:

Closed Circuit Television (CCTV)

Security Audits

Intruder Alarms

Incident and Panic Alarms

Gates, Barriers and Fencing

Perimeter Detection

Access Control

Public Audio Address Systems

Physical Security Measures

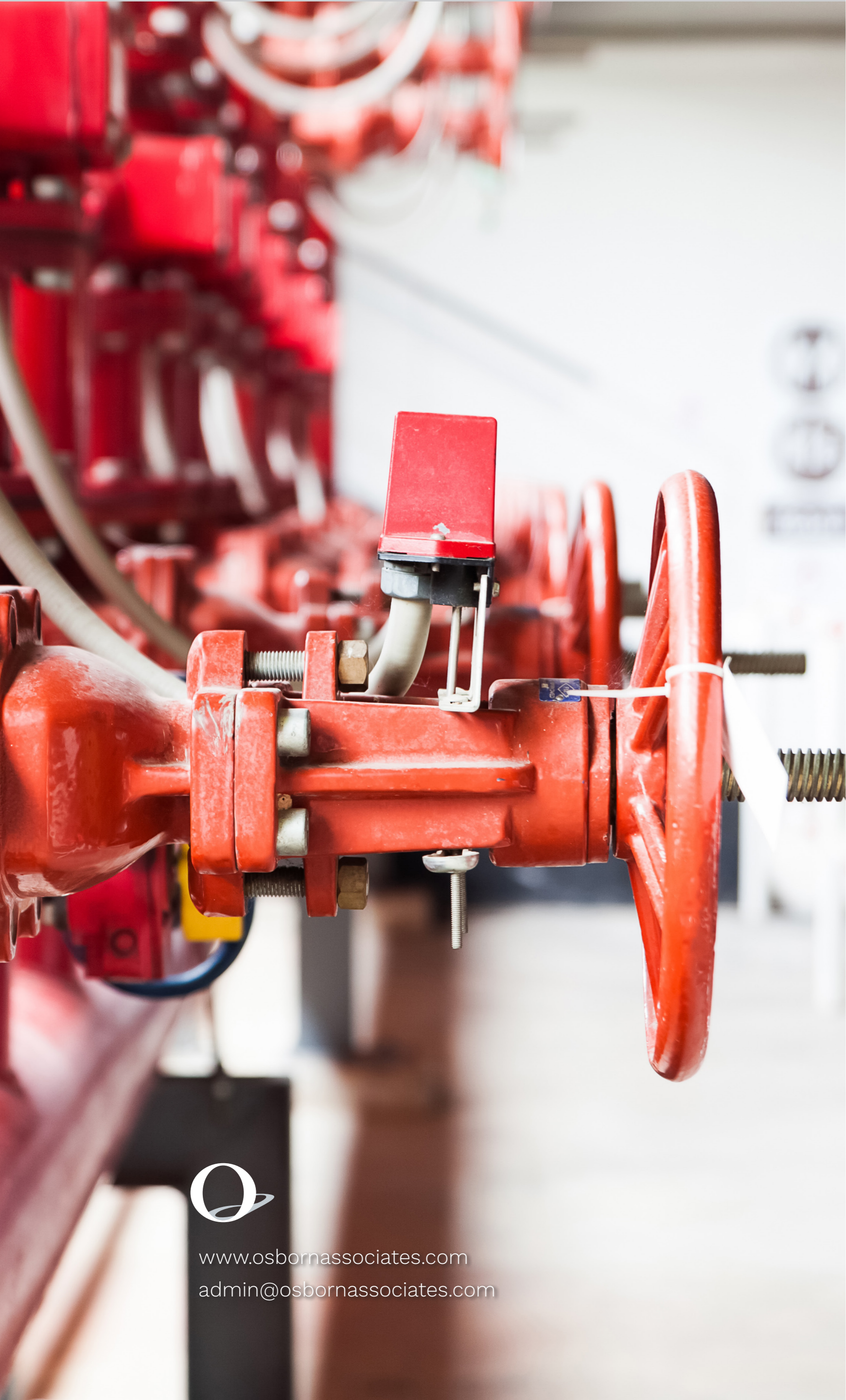
Vaults Security Seismic Systems

Audio and Video Intercoms



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FIRE SYSTEMS / FIRE SURVEYS

Osborn Associates is an expert fire engineering consultancy with experience in a multitude of different active and passive fire protection systems and processes, including:

Wet and Dry Risers

Fire Compartmentation

Fire Stopping

Hydrants

Fire Shutters

Fire Safety Signage

Sprinkler Systems

Fire Detection and Alarm

Fire Hazard Risk Assessment

Foam Systems

Fire Extinguisher Design

Escape Provisions

Gas Suppression Protection Systems

Fire Risk Assessments

Fire Strategy Production

Fire Damper Provision

Fire Door Surveying

Smoke Ventilation



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BIM CAPABILITIES

Osborn Associates' Mechanical, Electrical, Public Health and Fire Protection team is fully trained and experienced within the BIM environment. The team has expertise in AutoCAD and full 3D modelling within Revit.

Osborn Associates boasts an experienced team with in-depth knowledge of 3D modelling, rendering, existing building surveys, clash detection, and building modelling. This results in fully coordinated and clash-free models for the construction and infrastructure sector. Our highly experienced engineers and technicians leverage their on-site experience and knowledge to produce clear models and drawings compliant with BIM level 2.

We encourage and advocate for a 3D modelling philosophy on all new projects, moving away from 2D modelling and towards a more coordinated environment with integrated information within the model.

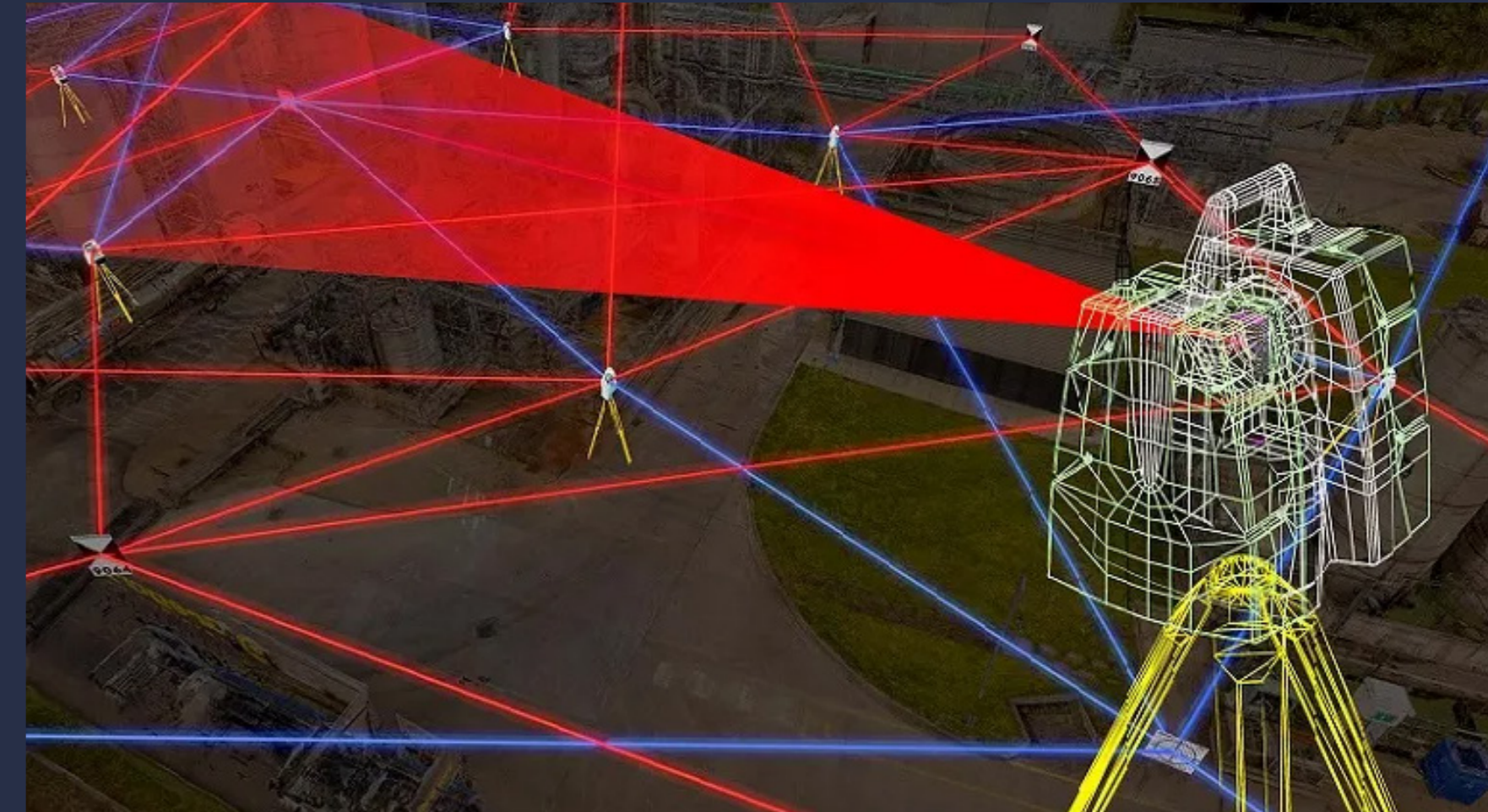
The team's BIM capabilities facilitate a quick and straightforward design process, enabling accurate and rapid adaptation to design changes.

Osborn Associates is dedicated to continuously updating its working practices, integrating emerging technologies to improve design process efficiencies. This commitment ultimately reduces design-associated costs for the client and accelerates the design development process.



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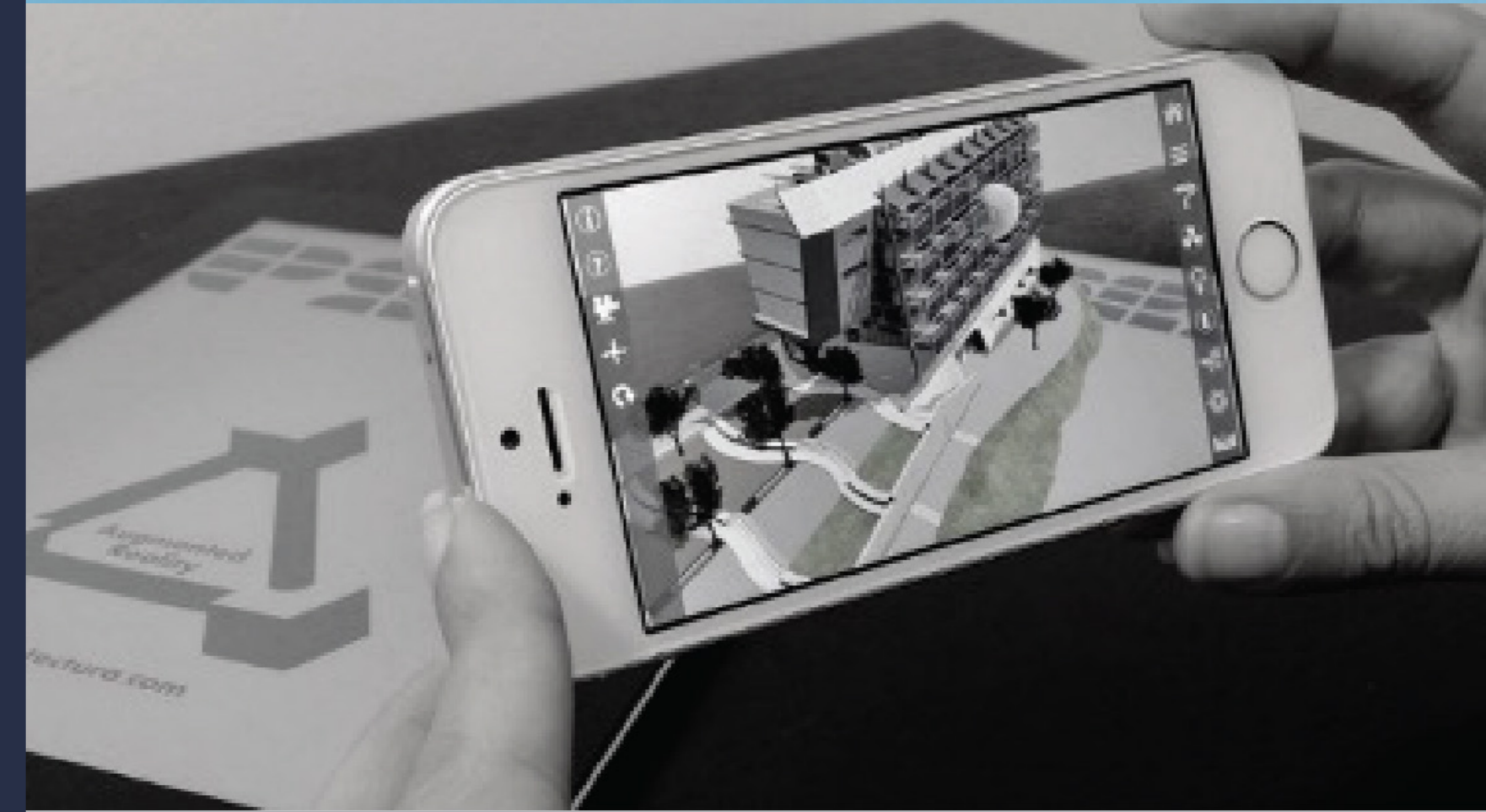
POINT CLOUD SURVEYS



DRONE SURVEYS

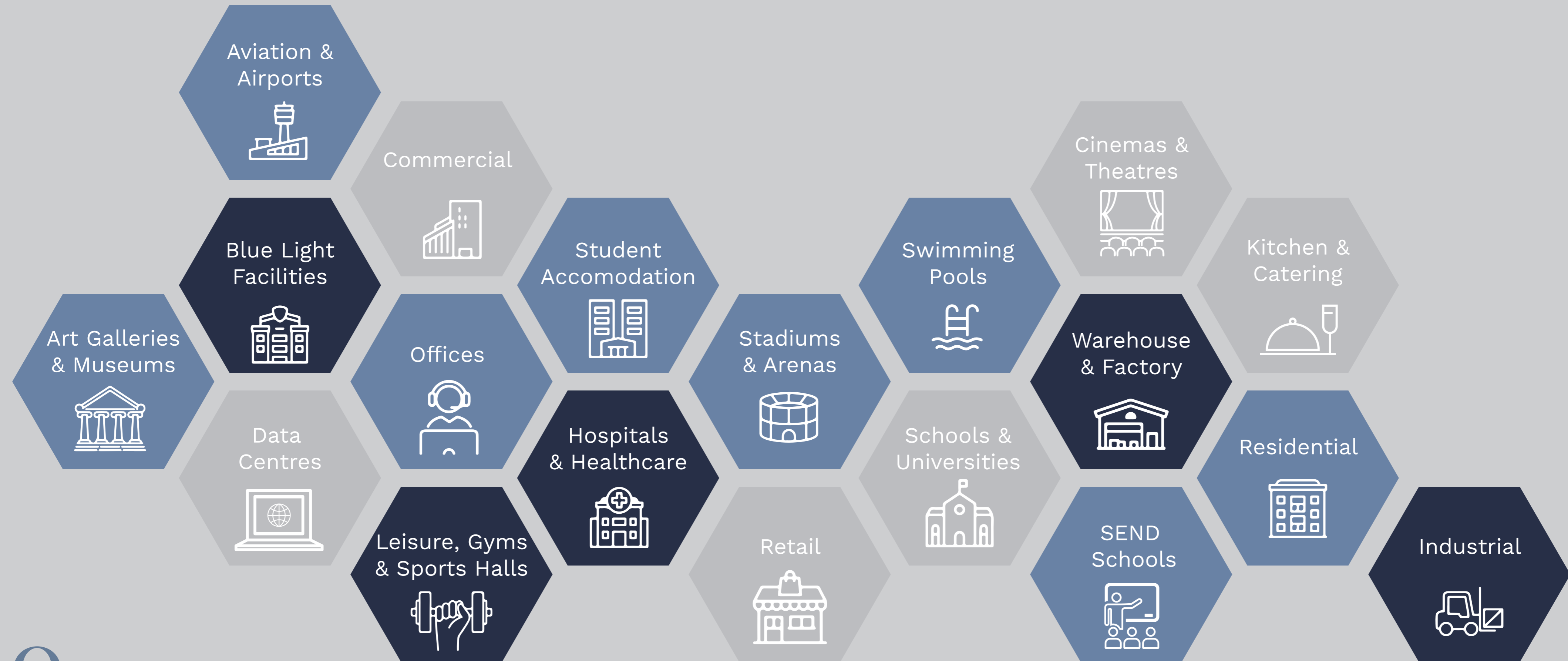


VIRTUAL REALITY VISUALISATIONS



SECTOR EXPERIENCE

Osborn Associates has a wide range of sector experience.





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WHAT OUR CLIENTS SAY

“The teams at Osborns are committed, professional, and above all, take the time to understand the client and business. Led by Managing Director Phil Osborn, who not only encourages a culture of development within but also promotes the development of younger talent as it enters the industry. Osborn Associates is very much my ‘go-to’ consultancy.”

Cliff Hutton – Construction Programme Director – Oasis Group

“Osborn Associates did the job well and we would consider using them for future contracts”.

Zarko Ognjenovic – Chief Executive Officer – MJW Consolidated

“Osborn Associates were both professional and flexible in their approach to the project and worked well with the design team to provide a timely solution.”

Carl Varnam - Associate – Hydrock

“We have an extremely good working relationship and have found all of Osborn Associates as a company extremely customer-focused, cooperative and responsive.”

Simon Cooke - UCL Fire Safety Manager – University College London



OSBORN associates

GENERAL ENQUIRIES

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