AFRICA

DRAKE & SCULL
ENGINEERING INTO THE EIGHTIES

BROCHURE 1979
This brochure was written by Brian Roberts, Chairman of the CIBSE Heritage Group in 1979 when Company Chief Engineer of Drake & Scull.
Turners Asbestos Cement Factory, Enugu, Nigeria
Above: King’s Lynn District General Hospital/ (Left) and (Right) are the main engineering services contractor for the new 600-bed hospital, installing the heating, ventilation and air conditioning, fire and flood water services, ventilation, medical gas supplies, fire protection, electrical power and lighting, access, lighting, alarms and control systems.

Previous page: Turners Building Products (Hornsea) Ltd. Concrete Pumping in Hanga, Nigeria. All the mechanical erection, pipe services and electrical installations to the new hospital were completed by Turners of Hornsea, Yorkshire.
At Drake & Scull we have been providing engineering services for buildings since 1881. From a small family business we have grown into one of the leading contractors in our field. Today we operate all over the United Kingdom and in many places around the world, with associated and subsidiary companies in the Middle East, Africa, and South East Asia. We undertake the complete range of services usually found in buildings—heating, ventilation, air conditioning, plumbing, electrical and fire protection—as well as some of the more unusual, ranging from industrial piping to process instrumentation. Our engineering benefits people in many climates at home, at work and at play, and is essential to many manufacturing processes and products.

At Drake & Scull our greatest strength is our people. From our project management teams and support staff to our highly skilled craftsmen and operatives. For teamwork is what our business is all about—designers, estimators, planners, buyers, accountants, surveyors, project engineers, pipe fitters, welders, sheetmetal workers, plumbers, electricians, commissioning engineers and many more. All part of the Drake & Scull team. We can handle the complete project from start to finish. We know how to integrate services with building and structure. How to co-ordinate the complex network of piping, cables and equipment. We don’t claim to be perfect but we believe that with our experience and resources we are better able than most to ensure that our clients get their projects completed on time, within budget and in full working order.

We work in all types of commercial and industrial buildings, in both the public and private sectors—ranging from offices, hotels, banks, department stores, schools and universities to hospitals, factories and housing developments.

At Drake & Scull, ENGINEERING IS OUR BUSINESS. In the following pages we show you just a small selection of some of our recent projects, the places where we work and, of course, —our people.

We hope you will agree we are very well placed to meet the challenge of

ENGINEERING INTO THE EIGHTIES.
THIS IS DRAKE & SCULL

VALUE OF WORK COMPLETED
We have successfully achieved a carefully planned expansion of our business over the past years - both in the traditional commercial, industrial and housing sectors, and in newer areas like process instrumentation, heat recovery and refurbishing work.

PROFITABILITY
We run a successful and competitive business. Our aims are to satisfy our clients and to earn a reasonable profit for ourselves; which is why we are continually striving to improve our performance and to maintain our high standards of engineering.

PEOPLE
Our greatest asset is our people - some 4000 directly employed engineers, managers, support staff and skilled operatives - handling a wide variety of single-service and multi-service projects.

TOTAL PEOPLE: 4000
WORK OVERSEAS

Drake & Scull is justly proud of its reputation in the international marketplace. Although not looking to be the world’s biggest contractor we are in all modesty trying to be the best.

1975
13% OVERSEAS
TOTAL TURNOVER

1976
25% OVERSEAS
TOTAL TURNOVER

1977
38% OVERSEAS
TOTAL TURNOVER

1978
52% OVERSEAS
TOTAL TURNOVER

1979
41% OVERSEAS
TOTAL TURNOVER

OFFICES

We have 26 permanent offices and 2 factories – one for instrumentation, the other for piping and metal fabrication – as well as fully equipped site offices and workshops on the larger projects.

We also have all of the plant and equipment one would expect from a leading engineering services contractor, including some 550 vehicles, ranging from fork-lift trucks to cranes and heavy plant.
ENGINEERING IS OUR BUSINESS
Above: Willis, Faber & Dumas Ltd., Head Office Ipswich. All the mechanical services for the new dining and office block were handled by Drake & Scull. Heavy suspended permanent lighting from the ceiling tiles above located a ground floor level, where it formed an architectural feature visible through the glass walls.

Birmingham

Cardiff

Drake & Scull Instrumentation

Bristol

Croydon

Finchley

Gateshead

Liverpool

Manchester

Milton Keynes

OVERSEAS DIVISION

Plymouth

Salisbury

Bury St. Edmunds

Chandlers Ford

Bristol

Crawley

HEADQUARTERS

London

Opposite: Suffolk County General Offices, Ipswich. Photo shows section of the main plant room with its three new water treatment filters. The boiler house on the external wall was designed by Drake & Scull Ltd.
Top: Plymouth Magistrates Court. Drake & Smith was responsible for the mechanical and electrical services for this three-storey complex comprising two blocks and a central entrance.

Bottom: Camberwell Mansions, Peckham Street, Southwark. Domestic hot and cold water heating and ventilation work comprised Drake & Smith's contract for the renovation of the former 'Public Hall' into 61 luxury flats.

Top: Empire Dairies Limited, Butter Packing Plant, Swindon. All the mechanical and electrical engineering services associated with the building, including the process equipment, were installed by Drake & Smith.

Bottom: Bristol Magistrates Court. All the mechanical and electrical engineering services, including air conditioning of court, court and ancillary areas, were installed by Drake & Smith.
Instrumentation Division, Bristol
Top / Instrumentation Division / Picture shows a control panel for the Thames Water Authority (south west following) underneath.

Bottom / Instrumentation Division / Design, planning and manufacture is carried out at the division's factory in Bristol.

Top / Drinick Gas, Wytham Farm / Drake & Scull was responsible for all instrumentation and control installations for this Wytham Farm Oilfield Development.

Bottom / Dowland Water Treatment Works / Drake & Scull was responsible for design and supervision of installation at the water treatment works for the South West Water Authority.
Top / IBM United Kingdom Limited, Babbage House, Portsmouth / The installation of lighting and power was addressed along with the leading facility and engineering suite. Under another contract we were responsible for the installation of all plumbing services.

Bottom / NCB Atkin Limited, Matlock / Heating, ventilation, and compressed air and plumbing services to a factory and office development, across the building area of a total of 120,000 square feet, were provided by Drake and Wilson.

Top / Learning and Social Hall, Portsmouth / Water and soil provided for the construction of an 8,000 square foot shell to which two passenger lifts were added, providing a central lobby and area comprising a total of 20,000 square feet.

Bottom / IBM United Kingdom Limited, Porthmouth / All mechanical and electrical services for this large office building were carried out by Drake and Wilson and included air conditioning, mains switchboards, lighting, and control gear. A main installation for Stage II, electrical power, and all building works were also included.
Above: IBM Ireland Kingstown Ltd., Novato, Drake Yuengel was responsible for the installation of air conditioning, heating and plumbing services to Phase II and III of the manufacturing plant. Under the contract, the power house and additional plant rooms were upgraded to accommodate the new facilities. Photo shows the chilled water pumps rising externally, adjacent to the west service staircase.
Top / Chelmsford Building Society, Massachusetts. The contract also included the installation of lighting, small power, fire alarm, and communication systems, along with the installation of plumbing and heating systems.

Opposite / Portsmouth Naval Post Office / DCRPL. The construction of the building included the installation of heating, ventilation, air conditioning, electrical, and plumbing systems, as well as fire protection services. The mechanical services for the building were supplied by a single contractor.
DRAKE & SCULL OVERSEAS

DRAKE & SCULL ENGINEERING LTD
Overseas Division, Headquarters
Croydon, England

DRAKE & SCULL ENGINEERING LTD
Monrovia, Liberia

DRAKE & SCULL (NIGERIA) LTD
Kaduna, Nigeria

DRAKE & SCULL (NIGERIA) LTD
 Lagos, Nigeria

ALBINALI-DRAKE & SCULL LIMITED PARTNERSHIP
Riyadh, Saudi Arabia

DRAKE & SCULL ENGINEERING LTD
Abu Dhabi, United Arab Emirates

LUNAR DRAKE & SCULL (U.A.E.)
Dubai, United Arab Emirates

DRAKE & GORHAM (ZAMBIA) LTD
Ndola, Zambia

DRAKE & GORHAM (ZAMBIA) LTD
Lusaka, Zambia

DRAKE & SCULL ASSARAIN (L.L.C.)
Ruwai, Sultanate of Oman

DRAKE & SCULL ENGINEERING LTD
Port Louis, Mauritius

Above: AlFajer Departmental Store, Dubai, U.A.E.

The electrical contract completed by Drake & Scull (U.A.E.) comprises the installation of general lighting, security and emergency systems and fire protection systems for this department store, one of the largest in the U.A.E.
Drake & Scull has been operating successfully in overseas countries for more than 30 years. We know how to handle their climatic, technical and commercial requirements. And how to respect their historical, cultural and political traditions.

We have worked extensively in many countries in Africa and the Middle East, and have carried out projects in the Caribbean, Europe and in Asia. We know how to plan, manage and commission complex engineering projects, often under difficult conditions in remote locations which is why our overseas clients rely heavily on the experience and resources which we have developed over the years.

The following pages show some of our overseas projects and, of course, some of our people.
MIDDLE EAST

Above: Khdidiya Water Tank, Dubai, U.A.E./Linear drain &

detail (U.A.E.) was responsible for all mechanical and

structural engineering services associated with the

construction of this 10 million gallon water tank.
Top: Sun Hung Kai Centre, Hong Kong

Bottom: Sha Tin Teaching Hospital, Hong Kong

Sun Hung Kai Ltd. is responsible for the design of all engineering services for this 50-storey tower complex.

Sha Tin Teaching Hospital, Hong Kong has been awarded the contract for the installation of all air-conditioning, ventilation, and water supply systems, central chilled water system, central air-handling plant, and air-recirculation systems. When fully completed in 1988, the hospital will house 1,000 beds and serve 450,000 people in the northern area of New Territories.
Sheet Metal Shop, Nigeria
Above / Registrar General Building, Mauritius / Photos above sections of kitchens and bars in the baronial hall and rear of the main plasterwork in the complex where Drake & Scull were awarded the design and installation of all mechanical, electrical, public fire protection and air condition systems.

DRAKE & SCULL (NIGERIA) LTD
Ibadan, Nigeria

DRAKE & SCULL (NIGERIA) LTD
Lagos, Nigeria

DRAKE & GORHAM (ZAMBIA) LTD
Ndola, Zambia

DRAKE & GORHAM (ZAMBIA) LTD
Lusaka, Zambia

DRAKE & SCULL
Dar Es Salaam, Tanzania
Above: Secessionist and Museum Complex, Port Harcourt, Nigeria / Deker & Soll (Nigeria) Ltd. was responsible for all electrical, mechanical, and plumbing services to this new complex.

Overleaf: Islamic Arts and Conference Centre, London / Deker & Soll were the electrical and mechanical service provider for thiselsing project.