

Solving global challenges one building at a time

Ingleton
Wood

Healthcare

architecture
building surveying
building services
planning
interior design
sustainability
civil and structural
quantity surveying
project management
CDM and H&S services
transport and infrastructure

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Ingleton Wood is a multi-disciplinary property and construction consultancy, providing a wide range of services across the majority of industry sectors including commercial, health, education, residential and community.

specialists in healthcare

Ingleton Wood has extensive experience working within the healthcare sector. This experience includes the extension and refurbishment of existing buildings and new build projects. Our impressive client list includes NHS Trusts, social landlords, care providers and Local Authorities.

We work on a wide range of schemes and commissions from 6-facet surveys, condition related projects and space utilisation surveys to master-planning and multi-million pound capital and charity funded developments. We employ qualified professionals that provide a plethora of multi-disciplinary services, our projects are designed to be inclusive.

We can provide DDA access audits, as well as further specialist services including 6-facet surveys, condition surveys, ADB room data sheets, technical compliance surveys against HTM's and HBN's and CDM Principal Designer / Health & Safety advice. We also act as technical advisors, project managers, cost consultants and independent monitoring for PFI, NHS LIFT, Procure 23 and privately funded projects. Our advice and specialist surveys are trusted by numerous NHS Trusts and care providers throughout the region.

Front cover:

Mid and South Essex NHS Foundation Trust, Southend Hospital High Dependency Unit

From left to right:

Bessborough Street | Southend Hospital High dependency Unit
Queens Hospital Pediatric Assessment Unit | Southend Hospital LINAC



Barking, Havering and Redbridge University Hospitals:
Queens Hospital Critical Care Unit

design and delivery

Our objective is to develop design solutions which provide freedom of choice and meet the needs of patients, service users, staff and residents. Designs are checked for technical compliance, including quality control checklist standards and NHS guidelines such as the HTM'S (Health Technical Memorandums) and HBN's (Health Building Notes).

Our health and residential experience gives us the cross-sector knowledge to achieve optimum design solutions in all areas of health and care. We consult extensively with clinical teams and user groups to ensure all stakeholder needs are incorporated. This is often extended to FM so that continuity can be established across sites with preferred FM regimes and suppliers being considered.

With over 150 professional staff we assemble teams to best suit the project type and meet the client's requirements. We approach each project holistically and look to provide energy efficient solutions with the minimum of maintenance requirements.

We have experience in the integration of renewable and low carbon technologies such as combined heat and power (CHP), photovoltaics (PV) solar panels and can advise on the technical, regulatory and financial implications of such choices including payback timescales.

our experience

We have extensive experience across all areas of healthcare, including primary care, acute care, mental health care and supported living. We have provided advice, designed and worked in many specialist areas.

primary care

The Practice has completed many primary care projects where healthcare is delivered to patients within the community, such as clinics, polyclinics, GP surgeries and health centres.

Integration of primary care centres into the community, alongside education and social services, involves consideration of the brief and spatial requirements. Our teams have worked on numerous schemes incorporating flexible multi-use solutions to achieve better space utilisation and ensure that layout efficiencies can be achieved.

The health and wellbeing of staff and patients is paramount, along with other fundamental criteria such as:

- Infection control
- Inclusive design
- Patient safety
- ICT solutions
- Fire safety
- Privacy and dignity
- Furniture, fittings and equipment
- Signage and artwork



acute care

Working within acute hospital environments is particularly challenging, the need to facilitate uninterrupted operation for the surrounding departments is key. Many projects are complex by their very nature, often completed prior to the coordination and installation of medical equipment. Projects inevitably include phasing, sometimes such phasing can be complex, to ensure that the works can be completed with the minimum of disruption to the hospital.

Ingleton Wood has designed and worked in many acute, specialist departments with extensive experience including:

- Operating theatres
- Endoscopy suites
- Inpatient wards including dementia care
- Accident and emergency
- Fetal scanning units
- Critical care and high dependency units
- X-Ray imaging suites including fluoroscopy, MRI and ultrasound
- Dental surgeries
- Oncology units
- Linear accelerators
- Renal dialysis
- Stroke units
- Outpatient waiting areas
- Outpatients areas including phlebotomy, urology, urodynamics, early pregnancy, laser treatment and lung function
- Aseptic suites
- Support areas including call centres, laundries, pharmacy robots, estates, pathology and main plant areas.

Building services are especially complex, both to isolate the project areas and to provide adequate capacities. Our Engineers are adept at designing IPS/UPS and specialist systems such as medical gases, nurse call, access control and fire preventions systems.

We consult extensively with clinical teams and user groups to ensure that all stakeholder needs are incorporated.



mental health

Our mental health experience is extensive and includes all types of work across low and medium secure hospital environments. Work in this sector is challenging, often in an occupied environment where phasing is critical and where effective engagement with contractors is vital to ensure that sites are secured and that operational areas are safe.

Our work in this sector includes:

- Specialist dementia care
- Inpatient wards
- Inpatient bedrooms
- Day and social rooms
- Section 136/ secure entrance suites
- Treatment and consulting rooms
- Kitchen and dining facilities

The Practice specialises in both secure and non-secure environments and is fully conversant with access control, security and anti-ligature design requirements along with privacy and dignity issues. Our objective is to develop design solutions which provide freedom and meet the needs of patients, service users and staff.



healthcare estates consultancy

Ingleton Wood has many years' experience of carrying out 6-facet surveys for NHS buildings of all types including health centres, GP practices, acute hospitals and mental health facilities. The 6-facets comprise:

- Facet 1 - Physical condition
- Facet 2 - Functional suitability
- Facet 3 - Space utilisation
- Facet 4 - Quality
- Facet 5 - Statutory compliance
- Facet 6 - Environmental management

The multi-disciplinary structure of the Practice ensures an integrated approach to the main reports. The aim of the reports are to provide the client with a fully comprehensive plan to form the core information required by each NHS Trust as identified in NHS EstateCode and the risk-based methodology for establishing backlog costs.

In addition, we also undertake specialist surveys including:

- CQC premises outcomes 8 and 10 of the essential standards of quality and safety, CQC national government standards
- Disabled access audits
- Building and engineering property condition & acquisition surveys
- Energy management surveys
- Space utilisation surveys
- Space planning
- Measured surveys, AutoCad plans and lease plans
- Dilapidation assessments
- Passive fire protection surveys
- Condition and lifecycle surveys
- PFI latent defect surveys

Our clients include NHS Property Services, GP Clinical Commissioning Groups, NHS Foundation Trusts, NHS Acute Trusts, NHS Mental Health Trusts, PFI project companies and organisations who require a more detailed survey for future maintenance and strategic planning.



North West Anglia NHS Foundation Trust:
Hinchingsbrooke Hospital Sterilisation and Disinfection Unit

building services engineering in the healthcare environment

Building services engineering in healthcare is often complex and involves the need to meet specific air changes to maintain positive/ negative pressures and ensure infrastructure and local resilience in supplies. Integrating various standalone systems such as theatre control panels and air handling units can prove very challenging.

Our building services team are conversant with current regulations and standards including HTM's, HBN's and British Standards. We utilise the ADB database as well as other RDS formats.

We work collaboratively with clients, user groups, stakeholders and design team members to ensure the client's needs are met and strive to offer the best environmental and sustainable solution possible within their budget.

Services we offer include:

- Mechanical and electrical engineering design
- Environmental engineering including DEC's and EPC's
- BREEAM
- Authorised Engineer (AE) services
- Technical advisory services
- Feasibility and due diligence surveys
- Condition surveys



interior design and art

We can provide interior design services, our team has vast experience of undertaking healthcare projects from small scale clinical refurbishment to large scale hospital schemes.

The team consist of Architects specialising in interior design, Interior Designers and technical staff who have undertaken numerous interior design projects for healthcare clients. We have detailed knowledge of HBN's, dementia care and Equality Act requirements and can provide innovative design solutions which are both practical and cost effective.

We understand the importance of interior design at healthcare facilities as it affects the wellbeing of patients, staff morale and visitors. To achieve this, we ensure that we create interiors which are, where possible, stimulating, therapeutic, relaxing, functional, but always with a non-clinical feel which are cohesive throughout the facility.

We accomplish effective interior design solution by carefully considering the palette of colours, lighting, configuration of space, ceilings, artwork, materials, furniture, finishes, fixtures and fittings, ensuring they are durable, cost effective and fit for purpose.

In addition, we have experience of undertaking art installations and working with Trust appointed artwork providers. We have also been involved in procuring such specialist services, or alternatively we can provide artwork as part of our service.



office refurbishment in the healthcare environment

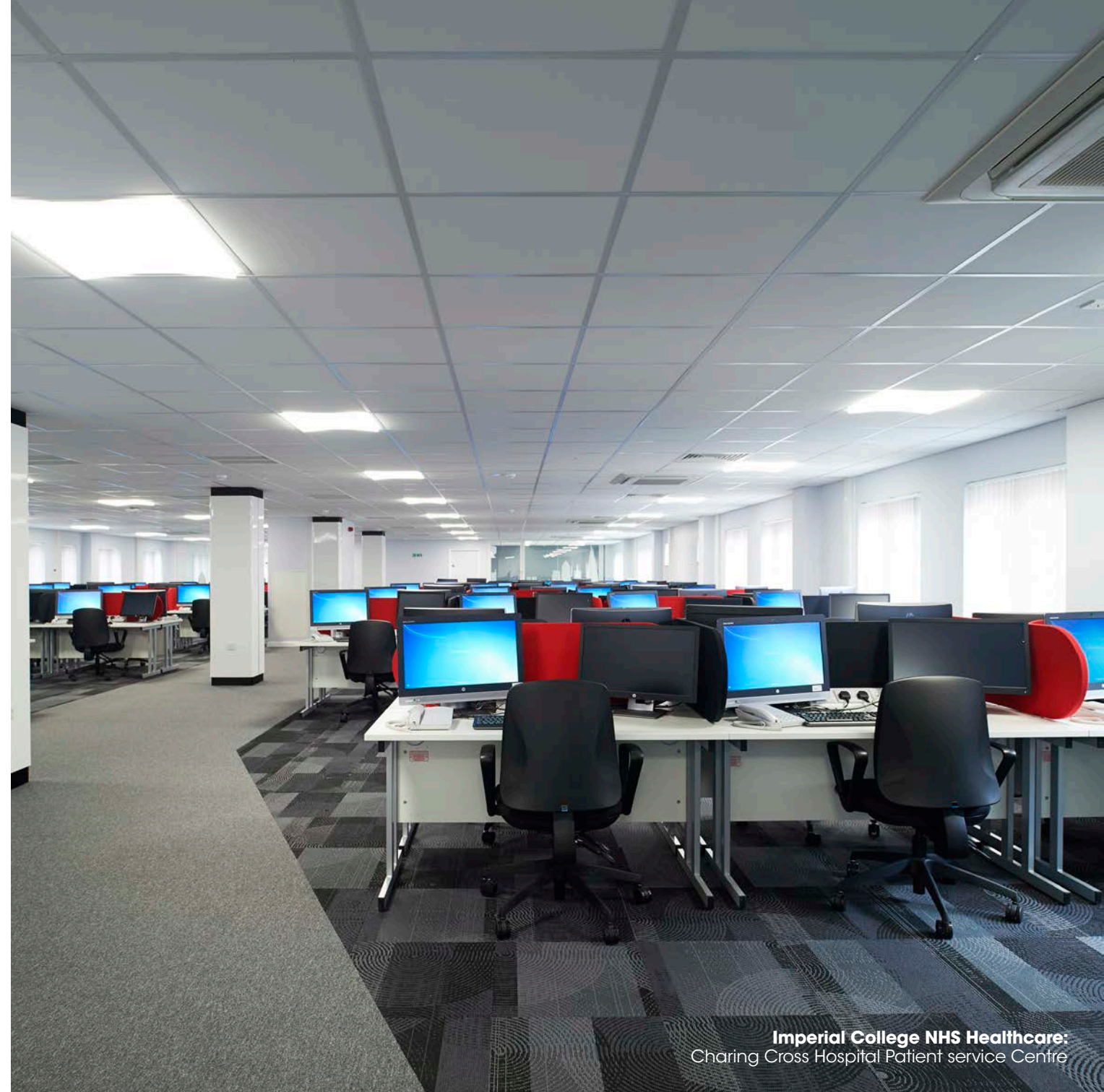
Having undertaken many office refurbishments for a variety of Health Trusts from small to large scale schemes, we understand the importance of creating office environments which are functional, inspiring and flexible, delivered within budget and programme.

We have undertaken a variety of workplace strategy assessments for clients, understanding the importance of how the Trust operates and ensuring this is fully integrated into our designs. Changing the way an office functions can be disruptive for both the management and staff. We can assist everyone on this journey by providing workshops and presentations.

We have a great deal of relevant experience in developing office designs and also incorporating agile working. This involves creating designs that provide a mixture of flexible working spaces including hot desk benching, booths, soft seating and acoustic glazed pods to create an exciting workplace environment that is flexible for now and into the future.

Agile working within flexible spaces requires the integration of a variety of IT including new technologies. We ensure IT is fully integrated into our designs and work closely with the Trust's IT representatives to achieve this.

The interior design of offices is important as this effects the working environment, which should be both functional and stimulating. We integrate the Trust's values and corporate branding throughout the design. An important aspect of office design, especially where agile working is being incorporated, is furniture selection. Here, we are able to provide a full FF&E design for all furniture and equipment required.



planning and master planning

The NHS are under increasing Government pressure to understand and capitalise on the value of their own land and building stock. Ingleton Wood's planning team have substantial experience in working with the NHS to ensure the value of their estate is realised.

Our planning team provide a full range of planning services and have a wealth of experience spanning all major sectors, with a particular focus on healthcare and residential developments.

Our services include:

Site/ portfolio reviews

We undertake a planning review of individual sites or estate portfolios, in order to identify and assess the potential opportunity for future development/ land disposal.

Feasibility studies

Where sites are identified as having development potential, a feasibility study is undertaken in order to identify the scale and quantum of development that could potentially be achieved on the site, together with the appropriate planning strategy.

Planning applications

The team regularly coordinate the preparation and submission of outline and full planning applications on behalf of the NHS and has extensive experience of negotiating planning permissions for a client.

Site disposals

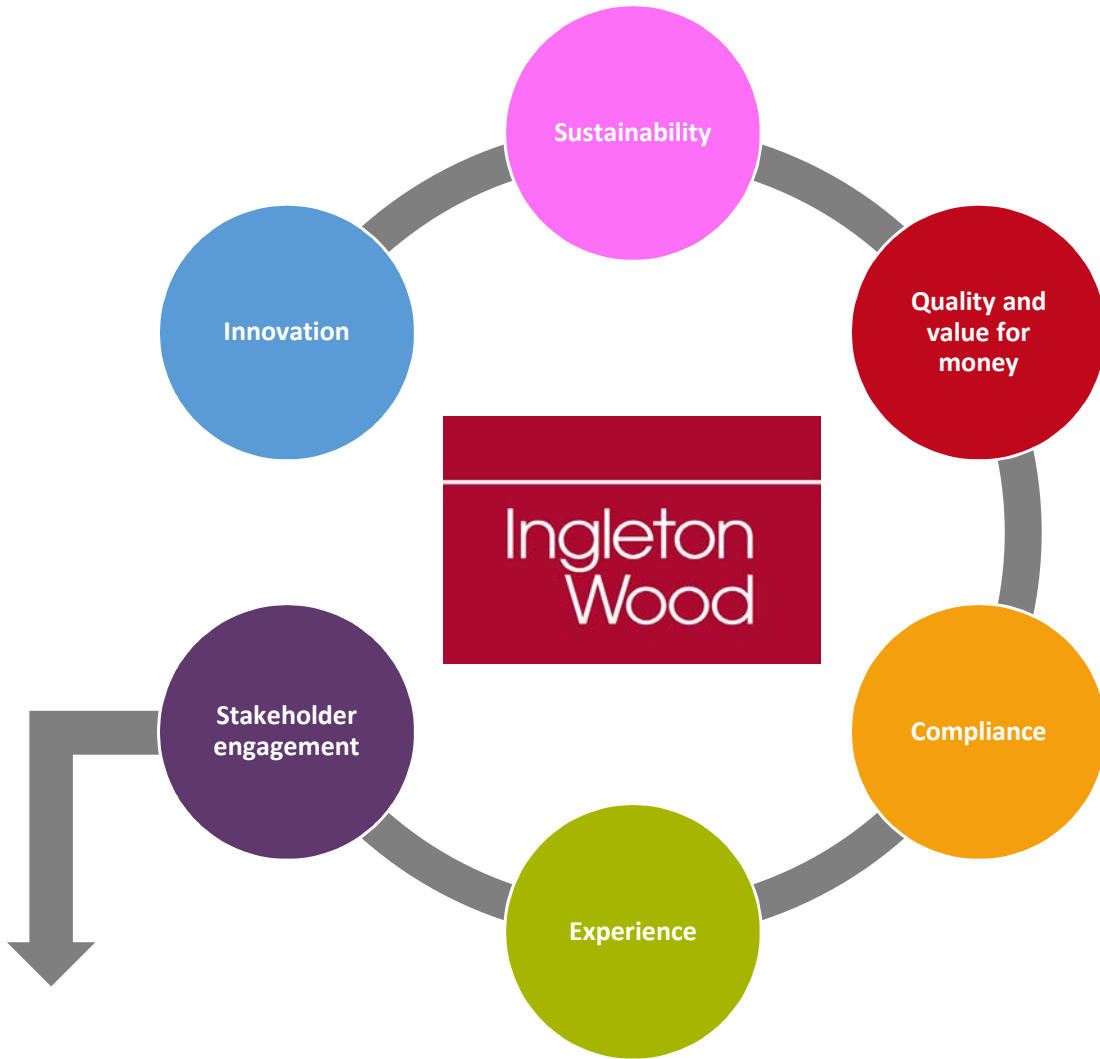
The team provide advice to clients to ensure they fully understand the planning context of a site prior to its disposal to ensure all opportunities to maximise value are realised.



why choose us?

1. The flair, vision and innovation required to deliver a successful and compelling healthcare project.
2. Our understanding of designing for dementia.
3. Appropriate skill set to successfully lead the consultant team in delivering a viable plan, including significant experience of healthcare projects.
4. The experience of working with a range of stakeholders to deliver successfully designed projects in sensitive situations.
5. The resources available to deliver the project and the potential of a wider corporate skill set which can add additional value (e.g. environmental design, BREEAM expertise etc.)
6. Extensive use of 3D visuals to improve the design experience and end user comprehension.
7. A local, dedicated, high calibre and experienced management team available to the client at short notice and able to offer responsive attendance and support for the duration of the project.
8. Demonstrable track record of sustainable design delivery.
9. Demonstrable track record and experts in healthcare design.
10. The ability to offer best value to the client through our understanding of healthcare projects.





Shared Business Services

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