



Tangram Architects
6 Ways to Make Life Simpler



Designing For Acute Health



**There are
6 different
ways
we can
make life
simpler for
you and your
organisation**



Making Life Simpler

Contents

Healthcare Architects and Consultants

We provide expert advice along with a full range of architectural services.

Design Guidance

We understand the complex relationships between historical and current design guidance.

Component Specification

We are skilled in specifying HBN and HTM compliant products, and understand if and when derogations can be applied.

Creativity

Our creative design makes for attractive, non institutional looking buildings with green credentials.

Affordable Solutions

We are able to draw upon historical empirical data to fine tune schedules of accommodation, providing efficient and ultimately cost effective buildings.

Different Ways of Working With Us

Other than traditional procurement, you can work with Tangram through Instant Access Frameworks and Partnering arrangements.

Services for Clients

Tangram are primarily healthcare architects with a depth of experience in the design of buildings in the acute healthcare sector.

Selected Project Experience

A small selection of Tangram projects.

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5

6



**Starting with
Tangram
is cost
effective in
getting to
grips with
design issues**



Healthcare Architects and Consultants

1

We provide expert advice along with full range of architectural services

Tangram works with clients as consultant architect, providing expert advice, support and a full range of architectural services.

With over 30 years' experience in all aspects of Healthcare, including hundreds of Acute Health projects, Tangram provides a comprehensive expert architectural and consultancy service.

Tangram has many longstanding and framework clients, a testament to our focused service and value for money.

Our projects include both NHS and private developments; expert knowledge of healthcare standards allows us to provide compliant and creative solutions.



What are the Plus Points?

- ***Starting with Tangram is cost-effective in getting to grips with estates issues.***
- ***Clients can rely on a proactive approach; we can help formulate the brief at project inception through to advising on and meeting HBN & HTM guidance notes.***



**Clients can
rely upon
Tangram for
bespoke
briefing
advice**



Design Guidance

2

We understand the complex relationships between historical and current design guidance

Tangram have been working in the acute health sector for over 30 years and understand that guidance does not provide a complete briefing document, and this is only available through an understanding of historical reference material supplemented by an in use knowledge of ADB.

The current guidance references many historical documents, which act as an additional briefing resource. Tangram has an in depth knowledge of historical HBN's and HTM's and can apply the principles of these documents in their designs.

Tangram have an in depth understanding of Activity Data Base (ADB) in use, which acts as a briefing resource for room sizes and activity.



What are the Plus Points?

- ***Clients can rely upon Tangram for bespoke briefing advice, not available in any one briefing document.***
- ***Tangram are experts in the use of ADB and integrate its use with our Building Information Modeling (BIM) protocols.***



**Tangram
are able to
provide the
client with
bespoke
solutions
to deliver
safe and
attractive
environments**



Healthcare Design

3

We are skilled in the design of healthcare environments

Tangram has an excellent understanding of the guidance in regard to the complex relationships between different departments and rooms within departments, which allows us to easily assess clinical adjacencies within our designs

Having worked on hundreds of acute healthcare projects Tangram are able to draw upon *tested solutions* to provide clients with robust, safe, well designed clinical environments.

As well as being able to access tested historical solutions from completed Tangram projects, we pride ourselves on keeping up to date with new solutions, through our in-house Continual Professional Development programme of seminars and talks.



What are the Plus Points?

- ***Skilled in the design and implementation of component design in acute healthcare environments.***
- ***Tangram are able to provide the Client with bespoke solutions to deliver attractive environments for both patients and staff.***



**The client
can expect
well thought
through
design
solutions from
Tangram**



Creativity

4

Our creative design makes for attractive and non institutional looking buildings

It is an easy mistake to rigidly follow guidance but end up designing a non patient friendly environment. Tangram take great pride in being able to interpretate the guidance to provide robust, safe, clinical environments which avoid an institutional look and feel.

The design guidance for acute healthcare projects including component design can leave the designer with limited options, many of which force the designer down a path to an institutional look and feel.

Tangram have a detailed understanding of the design guidance and are able to interperate the spirit of the guidance to fashion non institutional solutions.



What are the Plus Points?

- ***With a back catalogue of hundreds of acute healthcare projects in our portfolio and an in depth knowledge of the guidance, the Client can expect well thought through design solutions.***

**The client
can have
assurance
and peace
of mind
that cost is
a shared
concern**

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Affordable Solutions

5

We are able to draw upon historical empirical data to fine tune schedules of accommodation, providing efficient and ultimately cost effective buildings

Tangram understands that in the time, cost, quality triangle that cost must not be overlooked or forgotten. However we believe that good quality design can be achieved even on the tightest of budgets.

Tangram excel at optioneering using BIM as a platform to review alternative scenarios. Tangram also use empirical data from historical projects aligned with an in depth knowledge of the mental health guidance to help optimise the Schedules of Accommodation, *without compromising space standards.*

Knowledge of historic projects space standards, in both the public and private sectors, aligned with cost, lets us shape the design brief helping avoid abortive design.



What are the Plus Points?

- ***The ability to, quickly and easilly, provide early stage design options based upon a brief of solid foundation.***
- ***Assurance and peace of mind that cost is a shared concern.***



**Tangram
provide
flexibility in
the choice
of a design
procurement
route**



Different Ways of Working With Us

6

Other than traditional procurement, you can work with Tangram through Instant Access Frameworks and Partnering arrangements

Clients can work with Tangram in any of the following ways:

- One Stop Shop
- Instant Access Frameworks
- Procure 22 Framework

The one stop approach provides the client with a single point of contact for any issues. Tangram can put together an umbrella team of consultants, managed in-house by Tangram.

We are consultants for architectural services on the LPP, NHS SBS & other Frameworks. These OJEU tendered frameworks allow immediate appointment, without the need to separately tender your project.

Tangram are part of the supply chain for services on the NHS P22 framework in England and Wales. NHS bodies can select Tangram Architects aligned with 1 of 6 PSCP's to provide a complete design and build service.



What are the Plus Points?

- ***Tangram provide flexibility in the choice of a design procurement route.***



**Tangram has
an extensive
track record
with over
30 years
experience
in the design
of healthcare
buildings**



Services For Clients

Tangram has an extensive track record with over 30 years experience of all aspects of healthcare development and the principal areas of our experience are listed here.

Project Types

- Refurbishment and upgrading of complex patient areas, without service disruption
- Extensions and new build
- Major buildings including laboratories, community hospitals and mental health
- Acute care
- Tertiary Care
- Primary and community care
- Mental health and learning disabilities
- Teaching facilities
- Laboratories

Consultancy

- Site and premises assessments – 6 facets and analysis
- Reconfiguration and evolution modelling
- Alternative site and use analysis including planning local environments
- Business case development
- Sustainability and life-cycle design
- Design Quality evaluation and reports
- Procurement advice including Technical Advisory support

The background of the image is a blurred photograph of a bedroom. In the foreground, there is a bed with a white pillow and a white blanket. To the right, a lamp with a warm, orange glow is visible. The overall color palette is soft and warm, dominated by the orange and yellow tones of the lamp and the white of the bedding.

**Every project
is individual
and an
important
challenge
for us**



Services For Clients

Tangram has developed a reputation for skill and consistency. Our objective is to achieve excellence by working closely with clients and colleagues from start to finish. Every project is individual and an important challenge for us.

Support and systems

- Revit Architecture with full BIM capacity, COBIE and 3d rendering capability
- Activity Data Base
- Navisworks Manage & Clash Detection
- Autocad Architecture

Services

- Stakeholder liaison
- Briefing development
- Options appraisals
- Workshops and strategy – decisions and workstreams
- Design options and sketch designs – presented in 3D for ease of description
- Final design presentations
- Room Data Sheets and full room loading on drawings
- Fly-throughs and full 3D models
- Production information
- Tender and contractor appointment
- Site and construction support
- Commissioning and handover
- Defects management and Post occupancy evaluations



Selected Projects

Kidney Care Centre, Edgware Hospital



Client

The Royal Free Hampstead NHS Trust

Description

The project provides a new kidney care centre in a community setting.

This is part of the Royal Free Hospital programme to provide these facilities locally to service users and reduce journeys to an acute hospital.

Innovations & Added Value

The project utilises the unusual ward plan at Edgware Community Hospital to provide an interesting internal design and maximise daylight.

Status

Completed

Paediatric & Ward Block, Colchester Hospital



Client

Colchester Hospital University Foundation NHS Trust

Description

This extension to the existing hospital provides Paediatric Outpatients, Day Care Unit, Paediatric Ward, Elective Care Centre and Surgical Ward. The tight site and short programme led to some creative solutions.

Innovation & Added Value

An unconventional layout for four bed bays provides a window to each bed space and gives deep articulation to facades. The timescales prompted the use of modular construction. Based on Tangram's design, the new building was procured with Yorkon as key supplier.

Status

Completed

Royal Free Hospital ITU Redevelopment



Client

The Royal Free Hampstead NHS Trust

Description

The unit enables the Trust - a tertiary and acute provider - to have capacity to meet demand.

Reconfiguration of critical care consolidates existing services, reduces outlying HDU services and level 2 outreach demands.

Innovation & Added Value

The design used bold colour in walls and floors as well as bespoke signage to provide the new unit with a strong individual identity.

Status

Completed

PAHT Harlow Masterplanning



Client

The Princess Alexandra Hospital NHS Trust

Description

Tangram conducted a six facet survey interlinked with service objectives followed by options for future development of the whole hospital site.

This is one of several similar masterplan commissions for which we have focused client-facing processes.

Innovation & Added Value

Assessment of the estate in a consistent format allows benchmarking to assist prioritisation for investment. Tangram's high-level health systems experience enhances development of pragmatic and achievable solutions.

Status

Commission Completed



Selected Projects

Woolwich Hospital Tower Redevelopment



Client

South London Healthcare Trust

Description

The existing building is a circa 1960's purpose built podium & tower block, the Ground Floor of which once housed a Conference Centre.

The proposal is to provide new offices and a call centre over the three lower floors of the tower.

Innovation & Added Value

The brief was to provide a design which would provide the new offices and call centre with a strong visual identity. A bold colour scheme and careful choice of furnishings achieved a lively and stimulating interior.

Status

Completed

Queens Hospital Romford



Client

Barking, Havering & Redbridge
University Hospitals NHS Trust

Description

Phased refurbishment and improvements of the Accident and Emergency department, including the Urgent Care Centre and Childrens A&E as well as extended Imaging.

The novel hospital plan constrains layout options and this challenge produces some innovative solutions.

Innovation & Added Value

The design adopts "*The Big Front Door*" principle from latest Department of Health guidance. Layouts provide for careful phasing to minimise disruption to the department during construction.

Status

Commission Completed

Royal Marsden MRI



Client

Royal Marsden NHS Trust

Description

Reconfiguration of part-fourth floor space to install 1.5T and 3.0T MRI machines. This scheme also extends diagnostic imaging by providing new offices.

Extensive structural work was required for both the MRI machines and new offices.

Innovation & Added Value

Careful planning was needed to plan the installation of new steelwork and the extensive roof plant. A parapet conceals various low upstands on the roof, particularly two large hatches through which the scanners were craned in

Status

Completed

Education Centre, Mile End Hospital



Client

Tower Hamlets Primary Care NHS Trust

Description

As part of hospital's closure, the Trust wished to retain an area for a Secure Unit providing low secure, rehabilitation and forensic wards. The PSC design avoided institutional corridors and enlivened the patients day. The wards were arranged around a village green and the usual communication space was avoided.

Innovations & Added Value

The layout of the wards and support accommodation is such that extensive high security fencing is avoided except for a few locations where it is integrated into the architecture.

Status

Completed



Selected Projects

St. Peters Hospital, Decant & Improvement



Client

Ashford & St. Peters Hospitals
NHS Foundation Trust

Description

These decant & improvement works are the result of an estate wide strategy to consolidate / refine & gain efficiencies through land sale. Tangram are involved with the design & construction of staff facilities in an undercroft, aligned with the construction of a new multi-storey car park. Tangram are also central to the creation of new paediatric / adult therapies & an AMU.

Innovations & Added Value

The programme is fast moving & Tangram are managing & administering 80% of the work through JCT.

Status

Completed

Jenny Ackroyd Centre, PAHT



Client

The Princess Alexandra NHS
Hospital Trust

Description

This was a fast track project at the start of the national diagnostic & treatment centre programme. The hospital had considerable expansion plans and proposed to continue to redevelop the site in the materials & style of the new building. The project included wards, operating theatres and pre-assessment & admission suites.

Innovations & Added Value

Prefabrication techniques were employed in the development of the patient shower rooms & theatre suites.

Status

Completed

A&E Improvement Works, KCH



Client

Kings College Hospital NHS Foundation Trust

Description

The aim of the accident and emergency department improvement project was to relocate the entrance to the department and to create a new ambulance rapid assessment area.

A secure 'stream desk' has been installed together with improved waiting and triage areas.

Innovations & Added Value

The new emergency dept. scheme re-instates an existing disused entrance and creates a new DDA compliant ramp and steps to provide access to the existing ground floor level.

Status

Completed

Winter Pressures, QEH Woolwich



Client

Vinci Facilities & Lewisham & Greenwich NHS Trust

Description

Tangram were commissioned to provide a Clinical Decision Unit (CDU) to support the existing busy A&E. Making way for the CDU created the requirement for several departmental moves which included In-Patient / Out-Patient Discharge, Fracture Clinic, Medical Photography as well as moves within the A&E department itself.

Innovations & Added Value

Tangram supported these project with a dedicated team allowing continuity and consistency of information to be provided.

Status

Completed

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