



Tangram Architects

6 Ways to Make Life Simpler



Designing For Mental Health



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



Making Life Simpler

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Healthcare Architects and Consultants

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

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Tangram are primarilyly healthcare architects with a depth of experience in the design of mental health buildings.

Selected Project Experience

A small selection of Tangram projects.



**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 over sixty Mental 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 design issues.***
- ***Clients can rely on a proactive approach; we can help formulate the brief at project inception through to advising on and meeting with the CQC at completion.***



**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 mental health design 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that guidance does not provide a complete briefing document, and this is only available through an understanding of historical reference material supplemented by an in use knowledge of ADB.

The current guidance references many historical documents, which act as an additional briefing resource. Tangram has an in depth knowledge of historical references such as '*Not Just Bricks and Mortar*' and many examples of applying the principles of these documents.

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
a safe and
attractive
environment**



Component Specification

3

We are skilled in specifying robust, safe, ligature free and anti-climb environments

Tangram not only have an excellent understanding of the guidance in relation to ligature and self harm free and anti-climb environments, but also are skilled in the practical implementation of design in this important area.

Having worked on over sixty mental health projects Tangram are able to draw upon *tested solutions* to providing robust, safe, ligature free and anti-climb 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 mental health environments.***
- ***Tangram are able to provide the Client with bespoke solutions to deliver a safe and attractive environment for both patients and staff.***

A photograph of a modern building with a light-colored wooden facade. The building has several windows, some of which are partially obscured by the text. The sky is a clear, light blue. The text is overlaid on the left side of the image.

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



Creativity

4

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

It is an easy mistake to rigidly follow guidance but end up designing a prison like environment. Tangram take great pride in being able to interpretate the guidance to provide robust, safe, ligature free and anti-climb environments which avoid an institutional look and feel.

The design guidance for mental health 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, an example of this would be to avoid security fencing through courtyard design solutions.



What are the Plus Points?

- ***With a back catalogue of over sixty mental health projects in our portfolio and an in depth knowledge of the mental health guidance, the Client can expect well thought through design solutions.***

The background of the image shows a modern building with large glass windows and a tiled floor. The text is overlaid on the left side of the image.

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



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



**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
- 3D Studio Max & AfterEffects
- 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

Cygnets Hospital, Coventry



Client

Cygnets Healthcare

Description

The proposed development is for three Wards and a Supported Living Services Unit. Each ward is provided with a generous garden space or terrace even though the proposals are constrained by a tight urban site. The design of the building is of high quality and provides a 'gateway development' leading into Coventry City centre.

Innovations & Added Value

The new building housing 48 beds with en-suites as well as 8 SLS flatlets has been carefully designed to sit comfortably on a tight 1.3 acre urban site.

Status

Completed

Proposals for Oxleas NHS Trust



Client

Oxleas NHS Trust

Description

Proposals for the development of a facility to provide a range of NHS services for local people including physical and mental health services for the Oxleas NHS Trust.

Innovations & Added Value

The design exploits a sloping site to provide generous outdoor space at every floor level, with minimal impact on local setting.

Targeting BREEAM excellent.

Status

Commission Completed

Cygnnet Hospital, Stevenage



Client

Cygnnet Healthcare

Description

The proposed development is for two Acute Wards and a Supported Living Services Unit providing residential care within a therapeutic, environment. The proposal includes therapy and recreational facilities for patients, administration and support facilities.

Innovations & Added Value

The proposed building is set into the slope of the site creating a very low silhouette. Building into the earth bank allowed the gardens to the Acute Wards to be naturally enclosed without the use of security fencing.

Status

Commission Completed

Maitland House, Mothers Square, Hackney



Client

Venus Healthcare

Description

Maitland House is part of Mothers Square, an award winning residential development built in the 1990s. It was a former NHS residential and day unit and closed in September 2000. The project provides a new community based Step-Down Unit for 12 people.

Innovations & Added Value

Existing accommodation was inadequate for modern standards and the proposed alterations provide for bedrooms with ensuite facilities and an upgrading of the day spaces and support accommodation.

Status

Completed



Selected Projects

Cygnet Hospital, Derby



Client

Cygnet Healthcare

Description

The project provided accommodation for 46 patients and has been re-worked to provide additional facilities and internal layouts to suit the Clients operational requirements.

Innovations & Added Value

The principles of the basic site layout, massing and design principles established for the original project were retained, the new proposal included additional accommodation within the wards, link block and revised main entrance and sports barn.

Status

Completed

Bracton Centre, Womens Unit



Client

Oxleas NHS Trust

Description

This project provides medium secure accommodation for eight women, separate from the male dominated main complex of the Bracton Centre. Bedroom and sanitary accommodation is arranged in two wings around a central day area. Two pre-discharge flats are provided at first floor.

Innovations & Added Value

Particular care is taken to avoid summer overheating using passive-stack ventilation. We developed a bespoke secure, contraband proof window which maximises the ventilated area.

Status

Completed

Bracton Centre, PICU



Client

Oxleas NHS Trust

Description

The project provides a discrete and calm area for intensive therapy support to allow four patients who need to be, temporarily, away from the ward environment. The layout of the new building against the existing allowed safe and secure external space with the minimum of fencing.

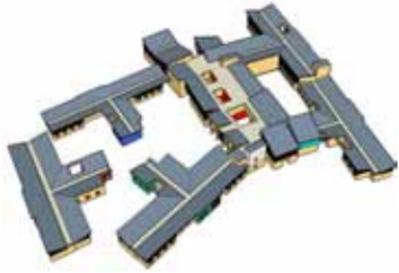
Innovations & Added Value

Although a small building, there is sense of space and openness with high ceilings and daylight. The simple layout and good observation throughout allows patients to access external space unaccompanied.

Status

Completed

Runwell Hospital, Secure Unit PFI



Client

Essex Partnership 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

Commission Completed



Selected Projects

Cygnnet Hospital, Harrow



Client

Cygnnet Healthcare

Description

The existing hospital housed 44 no. patients. Through skilful space planning Tangram were able to devise proposals to create a new first floor ward through refurbishment and extension to take 14 no. patients, as well as adding an 2 no. beds to the ward below, providing a total of 16 no. new beds on the site.

Innovations & Added Value

The project was carried out in multiple phases as the hospital had to continue to operate throughout the build.

Status

Completed

Oxleas NHS Trust, Childrens Services



Client

Oxleas NHS Trust

Description

This dedicated Children's Development Centre situated in F Block of the Queen Mary's Hospital in Sidcup is a refurbishment that creates a bright, modern, child and parent friendly purpose built venue. The centre provides a wide range of services including child and adolescent Mental Health Services (CAMHS).

Innovations & Added Value

We worked with Boex to provide a holistic and informal environment that appeals to patients of all ages, nurturing their imagination and aiding self-confidence.

Status

Completed

Cygnets Hospital, Wyke



Client

Cygnets Healthcare

Description

This existing independent hospital provides accommodation for 44 no. patients. Tangram were able to provide proposals to create a new extension at basement, ground and first floors which has added 9 no. new bedrooms to the site.

Innovations & Added Value

The extension used local stone for the walls and slate for the roof. The fenestration and details such as the steeply pitched roof also looked to match the existing, reflecting the accepted vernacular.

Status

Completed

Cygnets Hospital, Maidstone



Client

Cygnets Healthcare

Description

This independent hospital will provide accommodation for sixty seven patients in four L-shaped wards. Each ward will have direct access to outside space, either into a landscaped ward garden or terrace. Great care has been applied to the design of the green spaces in and around this high quality building.

Innovations & Added Value

The rolling nature of the topography allowed a cut and fill solution which helped reduce the building profile and respect the height of the adjacent ancient woodland.

Status

Completed

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