

Healthcare Case Studies

Ironmongery

Doorsets

Access Control

Door Automation

Handrail & Balustrade

 lloydworrall.co.uk

**Safe
Secure
Accessible**

Jubilee Building, Hillingdon Hospital



Lloyd Worrall help balance the fire, privacy, access and security needs of a bespoke healthcare space

Lloyd Worrall worked alongside Western Building Systems to deliver 200 doorsets, ironmongery and door automation solutions to the new ward facilities.

The Jubilee Building is a 3-storey bespoke modular ward building at Hillingdon Hospital, Greater London. The new healthcare building will provide specialist paediatrics, dementia and rehabilitation ward facilities. This temporary building will support the longer-term development of the hospital site.

Various strategies were designed for the building such as locking, fire rating, privacy and security. Lloyd Worrall considered all of these

before advising which doorset solutions were best for each application.

On this occasion we selected laminate faced doorsets which provide robust protection in corridor and ward situations and are easy to clean, alongside pivette doorsets to minimise door swing on outward opening WC doors.

To ensure fire resistance standards were met, Lloyd Worrall supplied up to FD60 fire rated doorsets throughout the development.

Balancing observational needs with privacy was also

an important consideration. Vistamatic vision panels were supplied to the consulting and treatment room doors. The glazing panels contain a fully adjustable blind, encapsulated into the glass that turn an open-to-view area not a private area and vice versa.

Lloyd Worrall supplied a fully integrated stainless steel ironmongery package, including delayed action door closers, electromagnetic floor springs, lever and pull handles, locks, signage and ancillaries.

With over 75 years of experience in specifying ironmongery to a diverse range of healthcare spaces, Lloyd Worrall ensured high

**Safe
Secure
Accessible**

 **lloydworrall.co.uk**

E: manchester@lloydworrall.co.uk
T: 0161 886 2740

Lloyd Worrall, Unit 25, Longwood Road,
Trafford Park, Manchester M17 1PZ

Jubilee Building, Hillingdon Hospital



quality products were supplied with technical advice and support throughout.

Lloyd Worrall also has a wealth of experience supplying, installing and commissioning door automation systems.

Our door automation team provided comprehensive technical guidance, supplying automatic door operators to the main entrance, ward and lift lobby access and the rehabilitation garden doors.

Linked to the video entry system, the operators provide 24-hour access and security as well as added safety during out of hours.

The door automation system was installed and commissioned by our team of Approved ADSA installation engineers to BS EN 16005. doors to be opened outwards by staff within just 15 seconds.



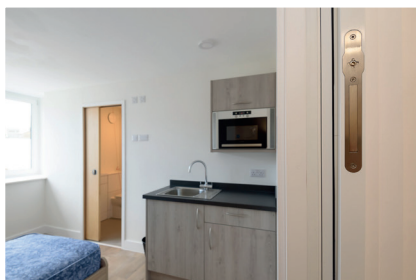
Safe
Secure
Accessible

 **lloydworrall.co.uk**

E: manchester@lloydworrall.co.uk
T: 0161 886 2740

Lloyd Worrall, Unit 25, Longwood Road,
Trafford Park, Manchester M17 1PZ

Cough House



Partnering with Safehinge Primera, Lloyd Worrall deliver solutions to provide a safe and secure place to stay

Partnering with Safehinge Primera, Lloyd Worrall has delivered anti-ligature doorsets to provide the necessary certification and fit-for-purpose products while avoiding an institutional appearance.

A new 'Somewhere Safe to Stay Hub', which will help homeless people while they move towards settled housing, has been developed in Truro.

The project has converted a former council-owned office building into the new facility to provide homeless accommodation for people who have been rough sleeping or are at risk of doing so in Cornwall.

Chough House includes nine single-occupancy rooms with en-suite bathrooms and kitchenettes. The hub will also contain communal lounges and kitchens, which can be converted into extra emergency bed spaces when needed, as well as laundry facilities, meeting rooms and management space for staff to provide 24/7 support and security.

Supplying well-designed and co-ordinated anti-ligature ironmongery for the door and its environment is a fine balance of providing security and privacy without presenting potential safety hazards while avoiding an institutional appearance.

Lloyd Worrall has worked with Safehinge Primera for many years. We partner with them and draw on their expertise in this field when improving specialist accommodation spaces for users and staff.

Combining a range of solutions, we supplied Chough House with anti-ligature doorsets which focus on prevalent issues such as safety; reduction of ligature and increased strength and abuse resistance; privacy and compliance with building regulations.

**Safe
Secure
Accessible**

 lloydworrall.co.uk

E: manchester@lloydworrall.co.uk
T: 0161 886 2740

Lloyd Worrall, Unit 25, Longwood Road,
Trafford Park, Manchester M17 1PZ

Cough House



A range of NFR, FD30 and FD60 anti-ligature doorsets in robust crown cut maple veneer were supplied to combine safety with a welcoming and homely feel.

Our access control team delivered an online access control solution, giving the hub audit information and additional security.

It was important to select anti-ligature door furniture to suit the level of security required. Door levers featuring sloping surfaces and hardware accessories featuring rounded surfaces and low profiles were supplied to help address common user concerns.

Sureclose concealed door closers have been fitted in the frame

head to avoid potential ligature points and rapid release anti-barricade Movastop removable door stops were provided to allow doors to be opened outwards by staff within just 15 seconds.

Lloyd Worrall understands that special care facilities are complex.

Working with Safehinge Primera, we can deliver anti-ligature doorsets which are designed specifically for our customers' needs and provide the necessary certification to ensure we are doing everything we can to protect the safety of users and staff.



Safe
Secure
Accessible

 **lloydworrall.co.uk**

E: manchester@lloydworrall.co.uk
T: 0161 886 2740

Lloyd Worrall, Unit 25, Longwood Road,
Trafford Park, Manchester M17 1PZ

Suttons Wharf Health Centre



Lloyd Worrall has delivered a complete package of Interspec doorsets and coordinated door hardware to the new, modern health facilities.

Suttons Wharf Health Centre is a new build GP surgery located on the ground floor of the residential Titanium Point development in Bethnal Green.

The centre provides 12 consulting rooms and 3 treatment rooms, as well as a multi-purpose group room and counselling room and dedicated GP training rooms.

Lloyd Worrall supplied doors for the whole health centre, including circulation areas, consultation and treatment rooms, toilets and baby changing facilities, staff and office areas and storeroom doors.

The building required a range of non-fire rated, fire rated and acoustic rated doorsets. Lloyd Worrall was selected to

supply over 70 laminated-faced doorsets together with acoustic rated screens for the admin and management office areas, doors hung on sliding tracks for the multi-purpose group rooms and a pocket sliding doorset for the assisted WC.

The client and design team chose 4 Formica® colours for the high-pressure laminate doors: Storm (grey), Amarena (pink), Spectrum Green and Spectrum Blue to differentiate the rooms usage whilst providing an easy clean finish to support infection control measures.

The doorsets were supplied with fully compatible, fire-rated ironmongery, including door furniture, locks and closing devices.

In such a busy environment durability was also a fundamental consideration, so all doors have a severe-duty core, robust facings and kick plates.

The access control and door automation team at Lloyd Worrall provided a comprehensive technical support, supply, install and commission package.

This consisted of an access control system to manage employee access and egress, integrated with automatic door operators for the circulation areas, which were installed by our team of approved ADSA installation engineers to BS EN 16005.

 lloydworrall.co.uk

E: manchester@lloydworrall.co.uk
T: 0161 886 2740

Lloyd Worrall, Unit 25, Longwood Road,
Trafford Park, Manchester M17 1PZ

Safe
Secure
Accessible

Farfield Court



Lloyd Worrall doorset and handrail and balustrade solutions have been supplied to create a homely feel and provide support and safety to an independent living scheme

Established in 2005, WDH is now one of the UK's largest social housing providers, with over 32,000 homes across the Wakefield and wider operating area across the North of England.

Farfield Court in South Elmsall has recently been modernised and refurbished throughout to create a relaxing and comfortable environment while catering for a wide range of people's needs.

Great care has been taken to ensure our doorset and handrail and balustrade solutions took into consideration the abilities of the end-users. It is important that the accommodation is fully accessible in accordance with the Equality

Act 2010 while ensuring fire and safety regulations are met.

Warm beech veneered doorsets were supplied in a range of NFR, FD30 and FD60 Interspec Doorsets to communal and circulation areas together with FD30 fire rated screens to the communal lounge entrance.

The doorsets were supplied complete with stainless steel ironmongery including hinges, lockcases, door furniture and door closing devices. Low opening force cam action closing devices and electromagnetic hold open door closers allow easy movement around the building but ensure the fire doors perform as intended.

Our H&B Division supplied and installed hundreds of metres of Interspec timber and stainless steel system to staircases and corridors throughout the scheme.

The Interspec timber and stainless steel balustrade system allows the flexibility to combine the two materials, beech timber handrails with stainless steel ends and brackets.



 **lloydworrall.co.uk**

E: manchester@lloydworrall.co.uk
T: 0161 886 2740

Lloyd Worrall, Unit 25, Longwood Road,
Trafford Park, Manchester M17 1PZ

**Safe
Secure
Accessible**

Farfield Court



Interspec Doorsets and Handrailing provide support and safety to an independent living scheme

This was an ideal solution for Farfield. The H&B system linked with other interior design features - namely the door faces and door hardware - and has created a homely feel while also giving vital support and safety to users as they navigate around the building.

Lloyd Worrall provides a range of modular handrail and balustrade systems. We're able to deliver full service packages from site survey to installation.

Our H&B teams broad product range, technical expertise and high levels of service are perfect for the specific demands of the health and residential care sectors.



**Safe
Secure
Accessible**

 lloydworrall.co.uk

E: manchester@lloydworrall.co.uk
T: 0161 886 2740

Lloyd Worrall, Unit 25, Longwood Road,
Trafford Park, Manchester M17 1PZ

Caudwell International Children's Centre



Britain's first independent centre dedicated to autism diagnosis, therapy and research aims to revolutionise the way millions of people in the UK affected by the condition can be helped.

The Caudwell International Children's Centre (CICC) is the UK's first independent purpose-built facility dedicated to autism diagnosis, therapy and research. It is the first to take a multi-disciplinary approach on assessments, family support services and research into a wide range of autism interventions.

The 60,000 sq ft building has been meticulously designed by the charity and architect, in consultation with the charity's stakeholders, to provide a bespoke environment for disabled people, with a particular focus on the needs of children with autism and neurodevelopmental conditions.

The Client wanted to create a warm and welcoming building, creating something that didn't feel like it's another hospital. The aim was to create an environment where children had fun and wanted to revisit without the pressure of feeling they were being assessed.

Lloyd Worrall Manchester worked together with the Client and design team to provide a single source, fully integrated doorset, ironmongery and handrail and balustrade package to this ground-breaking building.

Lloyd Worrall supplied 150 severe-duty, fire-rated walnut veneer doorsets complete with

stainless steel ironmongery. The walnut veneered doors achieve a homely feel while providing the high performance standard required for the Centres' unique environment.

We also supplied and installed the handrail and balustrade package throughout the building. Over 300m of 10mm toughened glass and Interspec stainless steel handrail and balustrade flows through the interior and exterior of the Centre.

The finished look is clean, bright and stylish and meets the stringent safety standards to achieve 1.5kN loading.

**Safe
Secure
Accessible**

 **lloydworrall.co.uk**

E: manchester@lloydworrall.co.uk
T: 0161 886 2740

Lloyd Worrall, Unit 25, Longwood Road,
Trafford Park, Manchester M17 1PZ