SWBH NHS Trust
Midland Metropolitan Hospital
The concept: Key strategies

Stacking the Wards, Clinical Podium and Car Parks

Improving inpatient & visitor experience

Making clinical process efficient to optimise patient care
Organisation: The Winter Garden as heart of the hospital

- **Hot Zone**
- **Public Zone**

The Winter Garden

Carillion

Sandwell and West Birmingham Hospitals NHS Trust
Organisation: The Winter Garden as heart of the hospital
Site Access Points

- Public vehicles
- Pedestrians / Cyclists
- Buses
- Pedestrians / Cyclists
- FM / Mortuary
- Public & Blue-light (MD)
- Staff vehicles
- Blue Light (ED)

Access Vision
Key Strategies
Site Response
Organisation

Design Concept
Functionality
Building Finishes
Resilience
Maintainability
Durability
Landscape
Site Access: Excellent Flow Separation

Improved access to Public ED / MD Entrances, including dedicated pedestrian steps

Improved cycle access and bicycle storage areas to either side of main pedestrian entrance
ED / Maternity vehicle parking provision

Blue-light ED forecourt:
Parking adjacent to ED awning for 10 emergency vehicles
Further parking for 12 emergency vehicles

Maternity dept. forecourt:
Parking for 2 blue-light vehicles & 8 public vehicles
Level 0 Concourse Plan
Entrance concourse
Access: Connection of main entrance to Winter Garden

Provision of 4 dedicated ‘shuttle’ lifts which serve only Parking level 0 and Winter Garden
The Winter Garden
The Winter Garden Reception

- Welcome Centre and Restaurant
- Education & Training
- Multi-faith Centre
- Overnight Stay Accommodation
- Retail concessions
- Various relaxation & seating areas
- (all non-clinical accommodation)
Panoramic sightlines to the public cores
The Winter Garden Café
Podium Courtyard Sizes & Natural light

Diagram illustrating the layout of the podium courtyards with labels for areas and tennis courts.
The Podium

Emergency Reception

Pediatrics

Imaging

Security

Sandwell and West Birmingham Hospitals NHS Trust
Building Elements:

Provision of dedicated AGV service spine linking north & south service cores

AGV Service Spine – L 4.5

Clinical Podium – Level 4
- Paediatrics
- Maternity
- Pathology, Pharmacy, Medi-eng.
- Cardiac Therapy, Uro-OPD

Clinical Podium – Level 3
- Theatres + ICCU
- Maternity + Neo-natal
- MDCU, Intv. Radiology, Endoscopy
- Respiratory Ward

Clinical Podium – Level 2
- ED + Imaging
- AMU, SAU + Short Stay Medical Ward
- Cardiac Dept.
The Ward Blocks
The Ward Blocks: Generic Plans
The Ward Block: Visitor Facilities
Single Bedroom
Single bedroom
The Ward Block: 4 Bed Bay + En Suite
Designing for Dementia

Finishes

- Reflectance
- Colour + contrast
- Pattern

Lighting

- Glare
- Lighting levels for speech intelligibility
- Avoiding low-level lighting

Doors

- Visual hierarchy of use
- Vision panels
- Ironmongery ergonomics

Sanitary Provision

- Clear line of sight to the en-suite bathroom
- Sanitary fittings and grab rails visually contrast with background wall finishes
- Taps will be operated by people with limited dexterity

Switches and Sockets

- Light switches visually contrasting and easy to use
- All switches, outlets and controls will be operable with one hand

Circulation & Security

- Proximity entrance/exit push button reduces wandering
- Corridors length: incorporate resting places and handrails.

Way-finding & Signage

- Appropriate mounting heights for signage
- Clear, easy to read signage