GOSH CCC
DMF Presentation

01/02/2022

GOSHCCC-BDP-ZZ-ZZ-RP-A-2000-0047

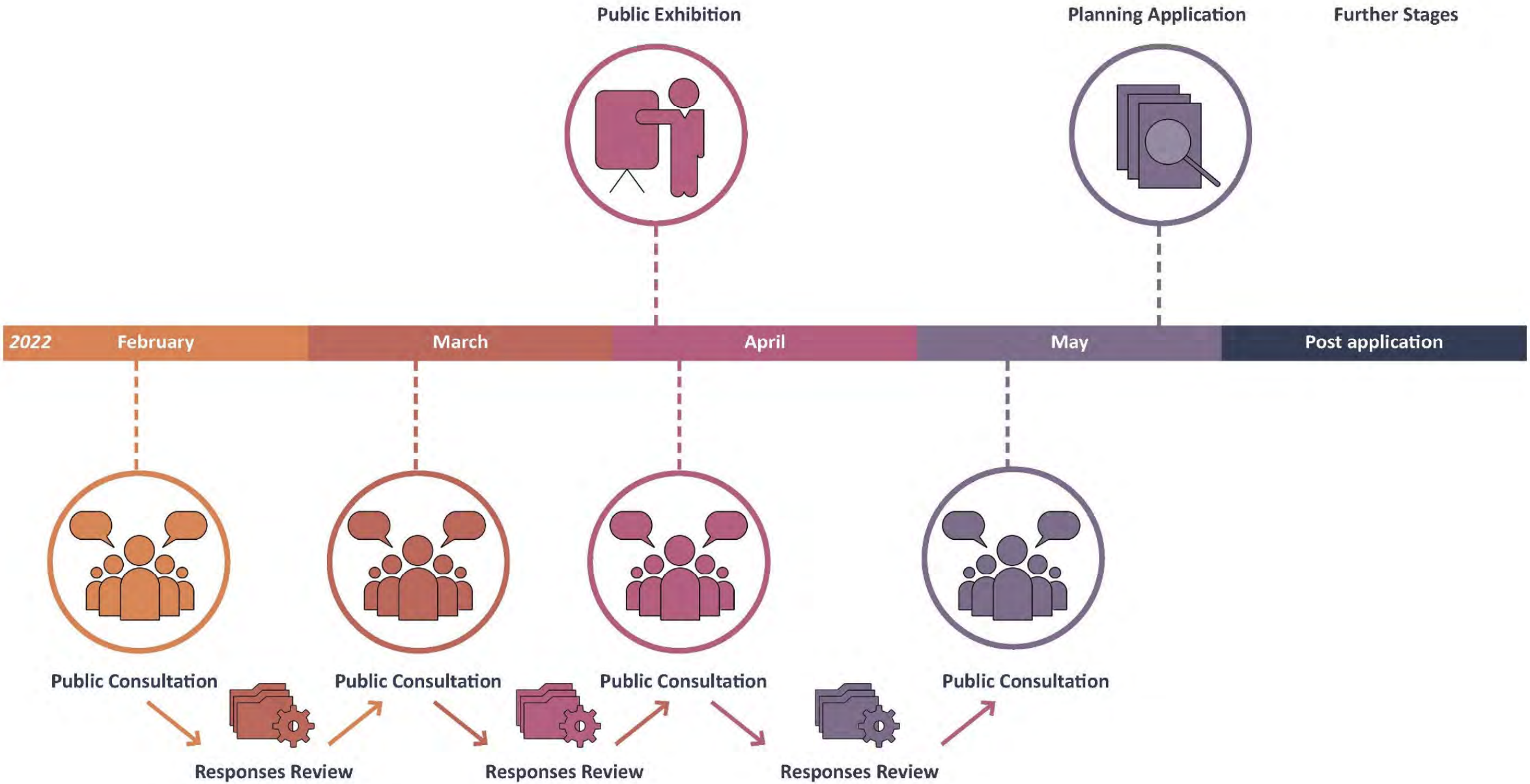
S2 P01

NHS
Great Ormond Street Hospital for Children
NHS Foundation Trust

BUILDERS SISK CONTRACTORS Established 1859

BDP.

Project Timeline



The Vision

‘Improving outcomes for cancer is a major priority for the UK and paediatric cancer is assuming increasing importance. The timing is right to invest in a new Children’s Cancer Centre at GOSH, creating a national resource for children with rare and difficult to treat cancers.

There is no other place currently in the UK where the vision of the centre – to improve outcomes for children through holistic, personalised and coordinated care across the child’s entire cancer journey – can be realised.’

Images of children and staff removed to protect their identities

The Vision

A national resource

Inspiring and flexible spaces

A healing environment

Inclusive

Connectivity

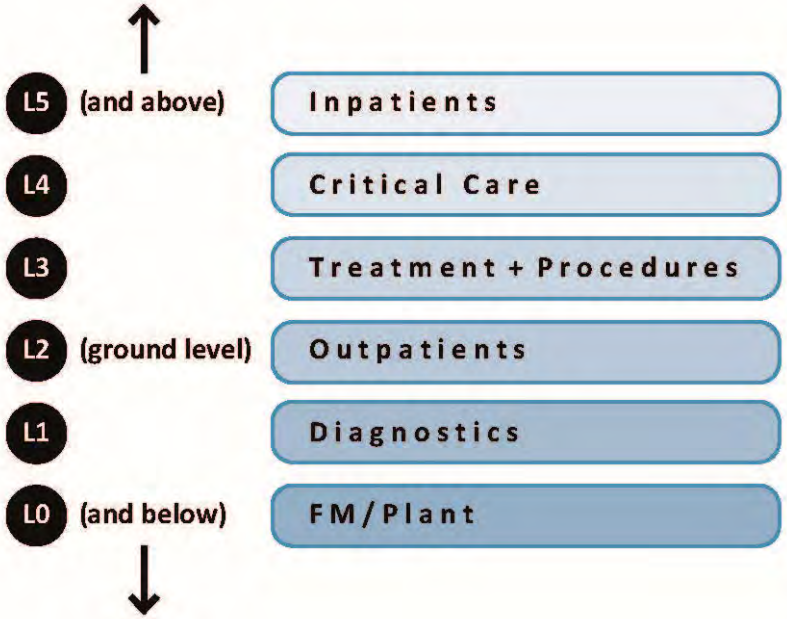
A 'homely' feel

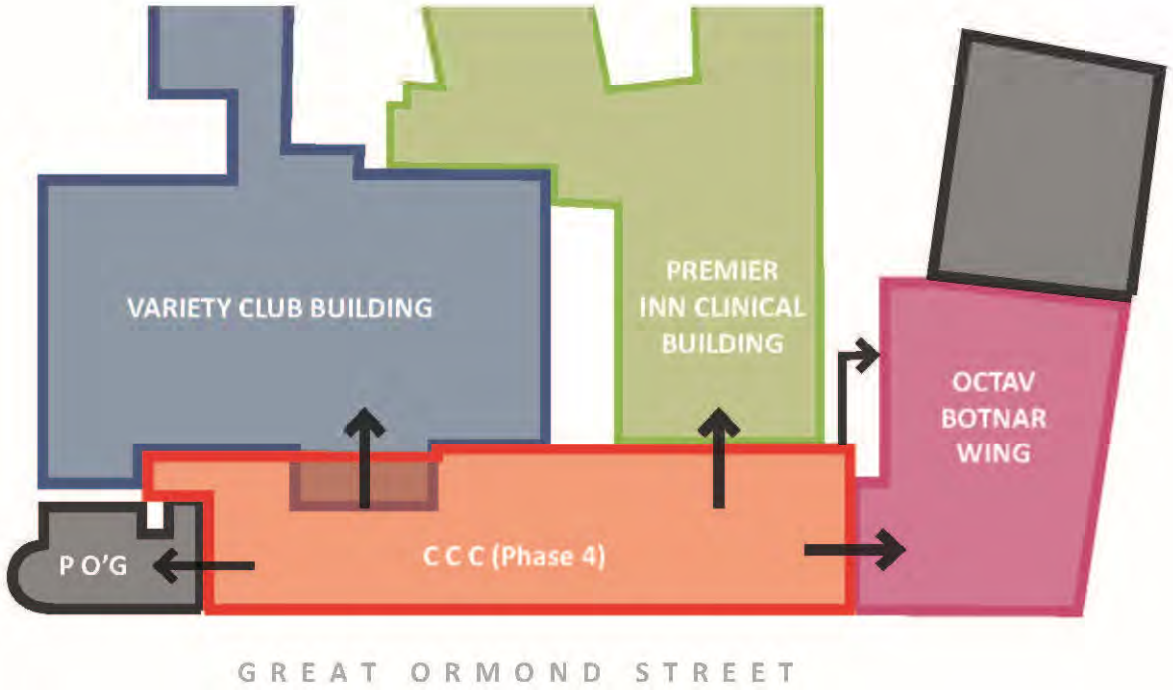
Access to external areas and green space

The Morgan Stanley garden for Great Ormond Street Hospital

A HOSPITAL
SHOULDN'T
LOOK
Like a,
Ho$p▪t@l

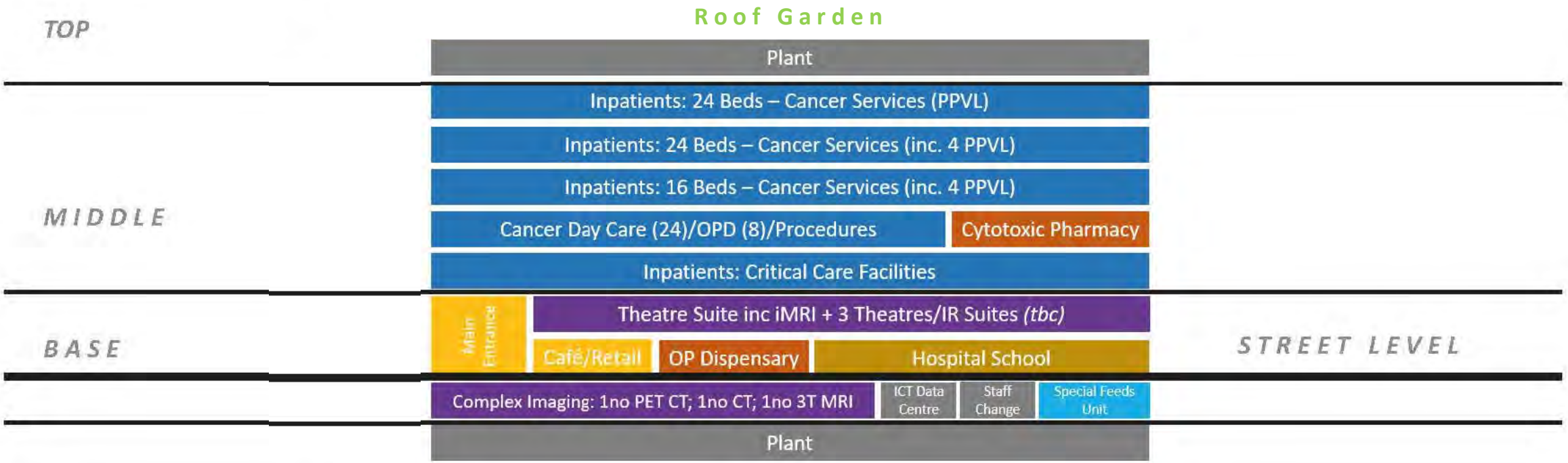
The Children's Cancer Centre at Great Ormond Street Hospital
Functional Content





Proposed connectivity to existing adjacent Hospital buildings

The Children's Cancer Centre at Great Ormond Street Hospital
Internal Accommodation

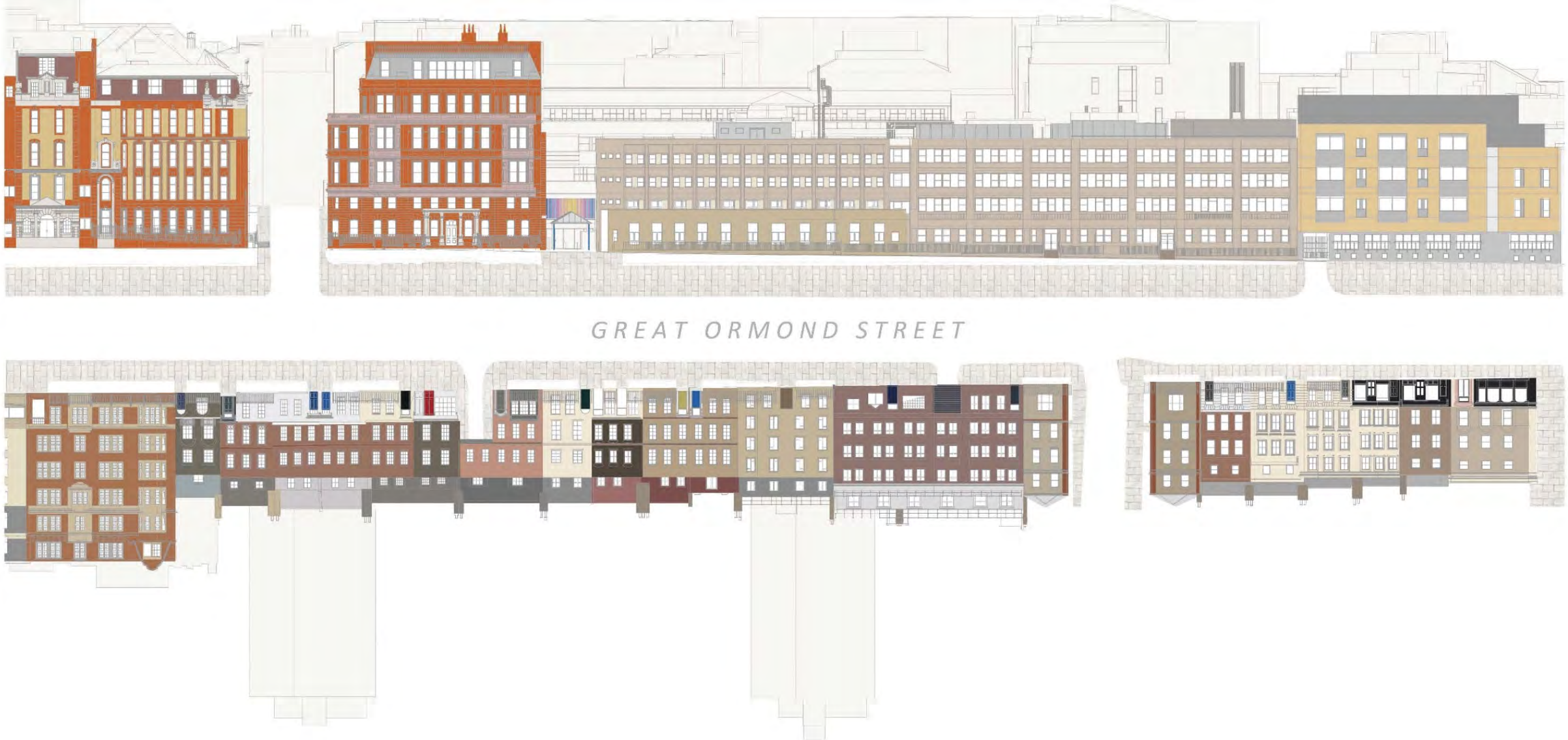


PHASE 4

7 storeys of clinical accommodation above street level
A set back building services plant level above
A roof garden amenity for the wider hospital

Great Ormond Street today

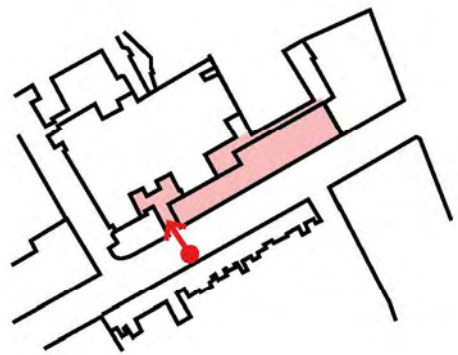
Elevation Study



Great Ormond Street today

Photographs

The Existing Main Entrance

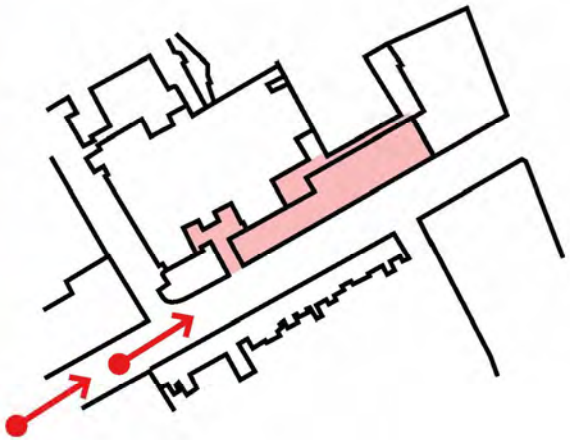


Great Ormond Street today

Photographs taken from the West

Facing East aligned with the Homeopathic Hospital

Facing East from Queen Square

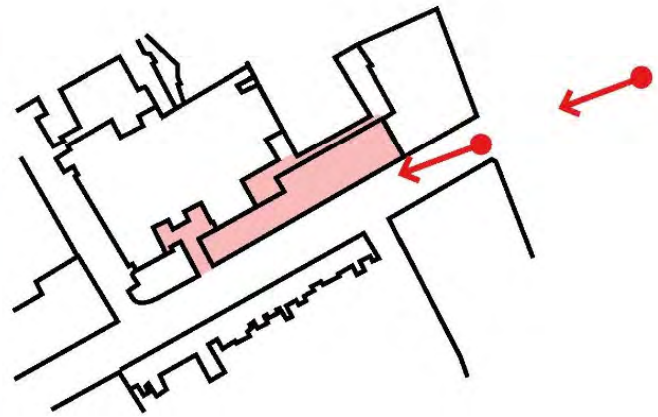


Great Ormond Street today

Photographs taken from the East

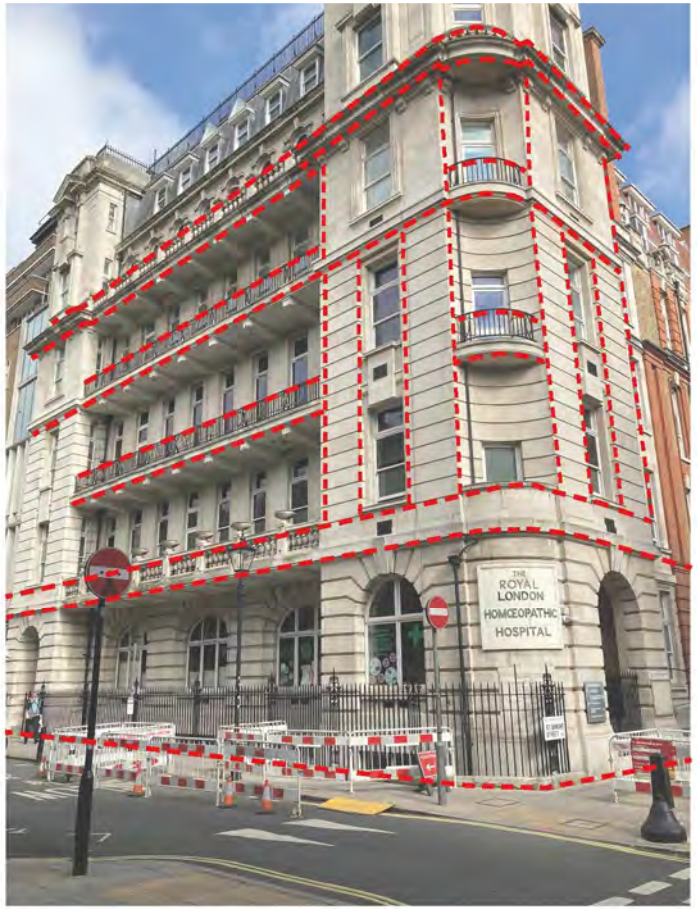
Facing West from the eastern section of Great Ormond Street

Facing West from Great Ormond Street/Lamb's Conduit Street crossroad

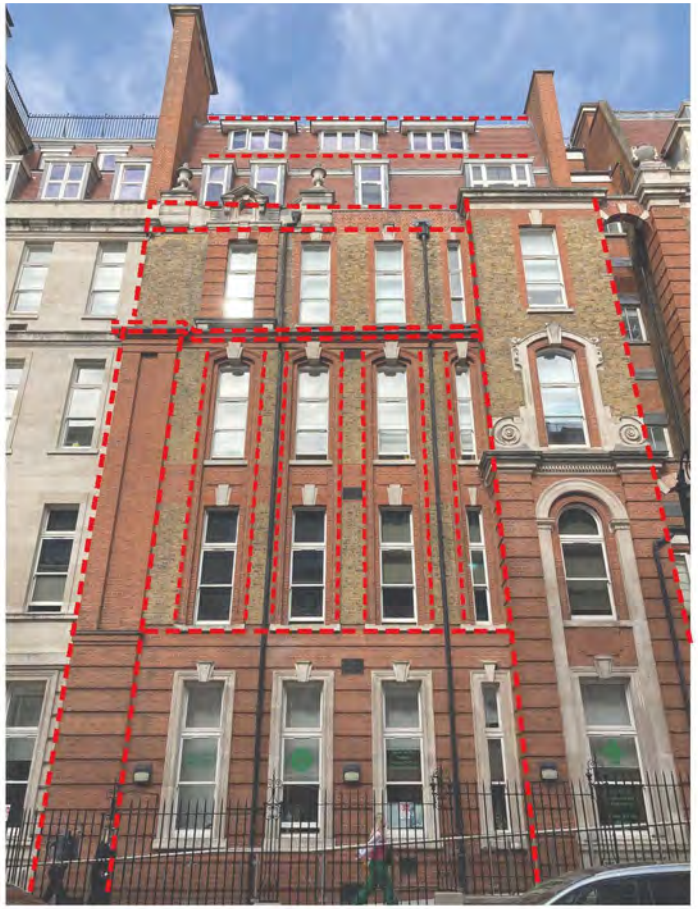


Great Ormond Street

Institutional neighbours



Homeopathic Hospital Building facing Queen Square



Homeopathic Hospital Building facing Great Ormond Street

Paul O'Gorman Building

Development of the hospital

Themes of the House, Hospital and Garden

The drawing room of No. 49 in 1852

The balconies of the E.M. Barry Clinical Building in the 1920s

The garden of No. 49 Great Ormond Street

The Children's Cancer Centre at Great Ormond Street Hospital
House, Hospital, Garden

The House_
Dr West founds the Hospital for Sick Children in 1851 within the house at No.49.
Bloomsbury as residential suburb.

The Hospital_
The development of purpose built clinical buildings and the transition from residential to institutional character.

The Garden_
The supportive relationship between garden and the original Hospital for Sick Children. A connection to the outside and nature remains a key feature of subsequent development.

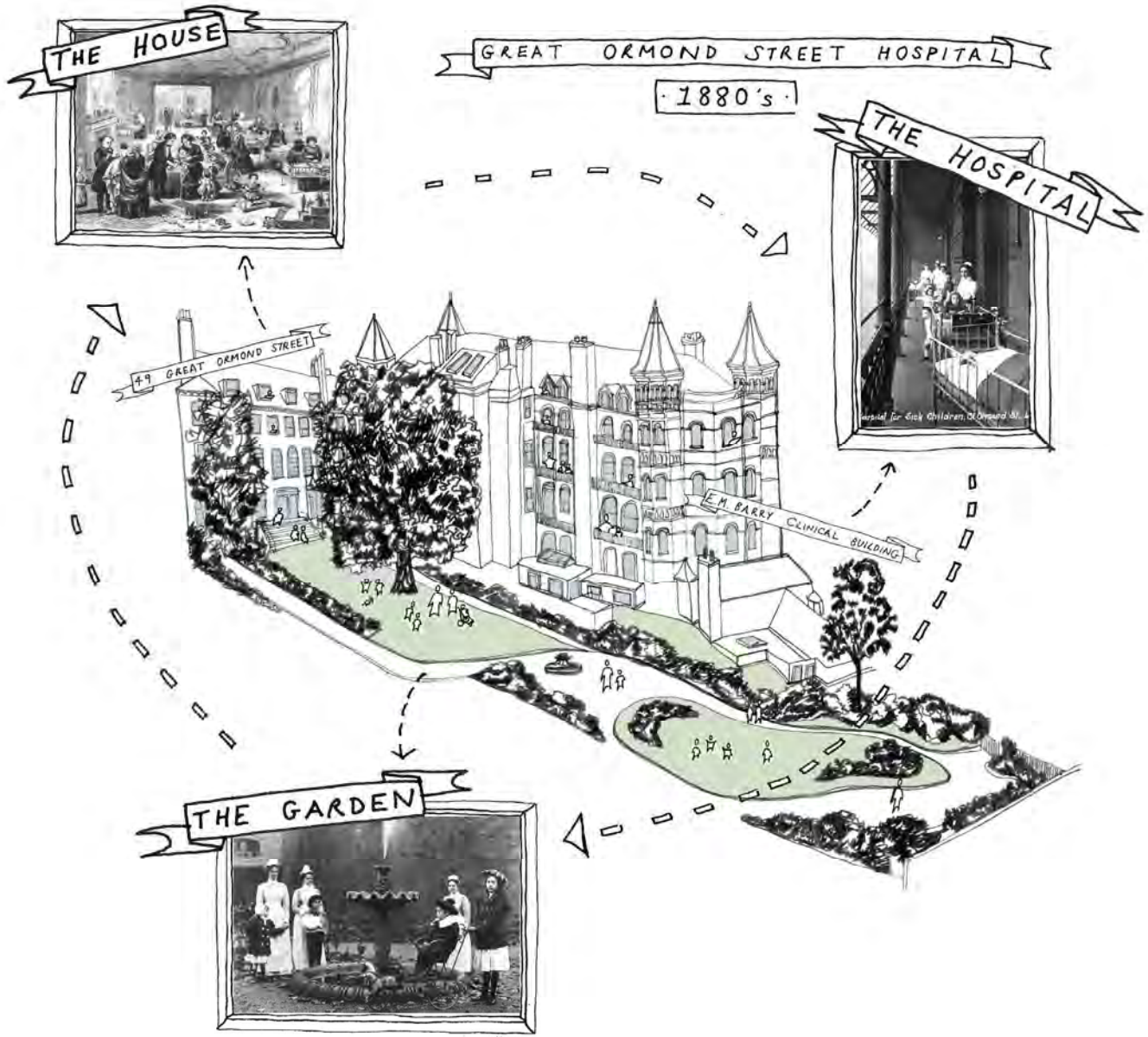


Illustration of the E.M. Barry Clinical Building as 'the hospital in the garden'

The Children's Cancer Centre at Great Ormond Street Hospital

House, Hospital, Garden

The House_

A sense of home away from home.

A response to the residential character of the Bloomsbury context.

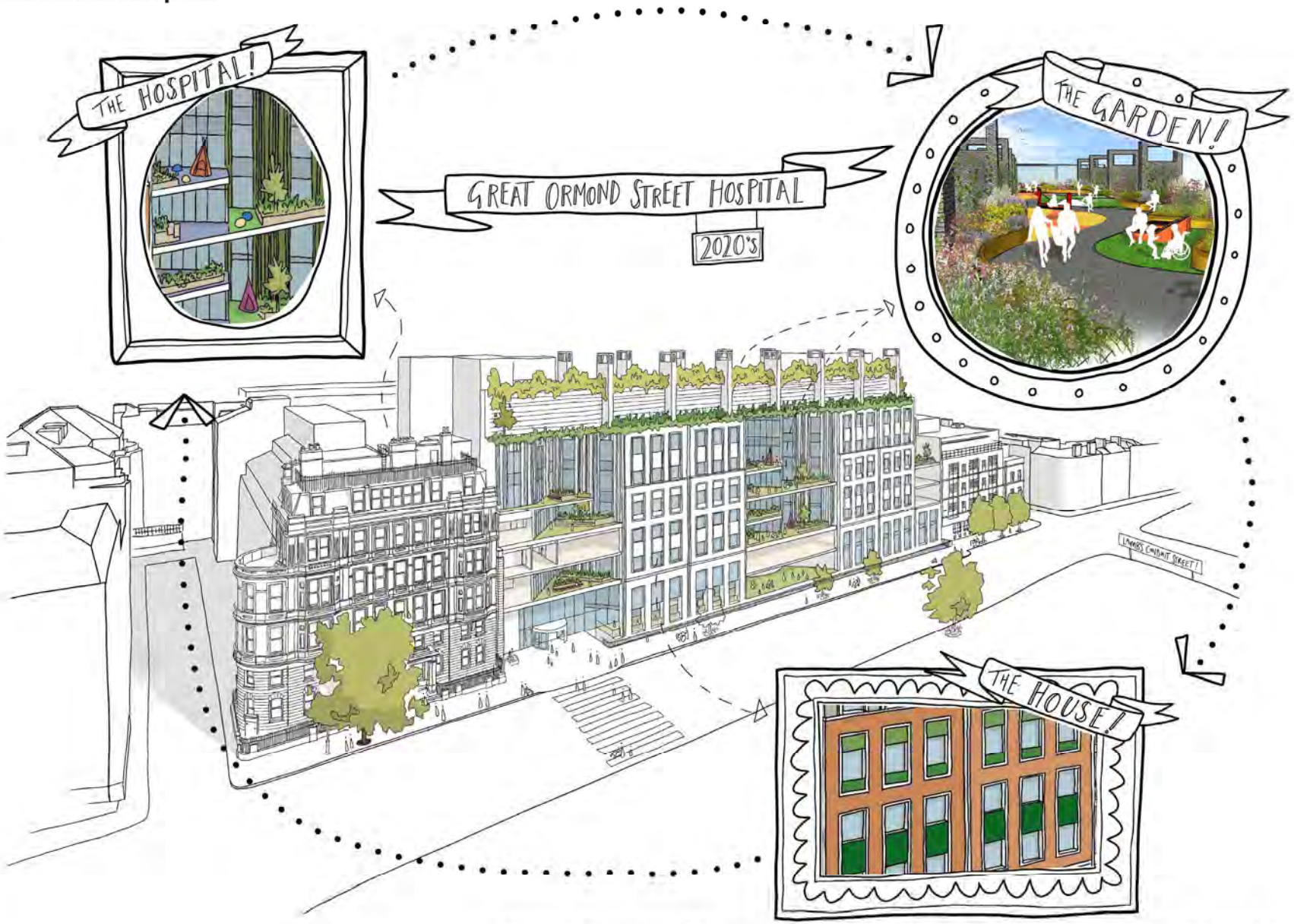
The Hospital_

Great Ormond Street Hospital for **Children** NHS Foundation Trust as a special place with a serious clinical purpose.

The opportunity to project a positive outward identity for the Hospital.

The Garden_

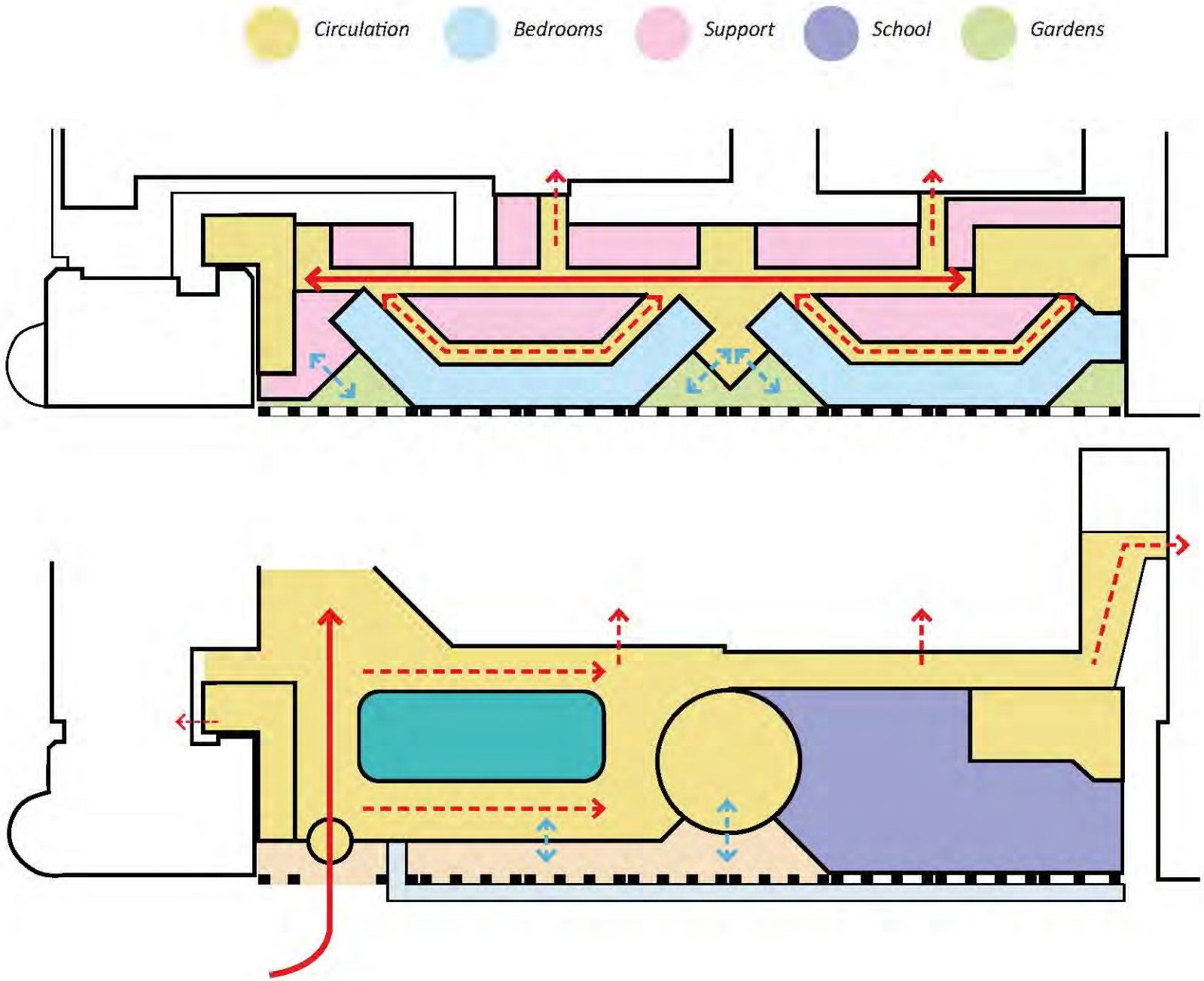
Connection to external and garden spaces are central to the design approach and provide the opportunity for release from the clinical environment.



Concept Illustration of the proposed Children's Cancer Centre, uniting 'house, hospital, garden'

Internal Layouts and Connections

Design Principles



Typical Ward Level

Bedroom clusters or ‘houses’ facing the street and wrapping around central support spaces

Garden spaces created between the ‘houses’

Entrance Level

Connection to the main hospital reception

Flexible circulation

Inside/Outside connection activating the street

Entrance Level
Active Street Frontage

The Children's Cancer Centre at Great Ormond Street Hospital

New building design strategies

BREEAM

Targeting
BREEAM
excellent

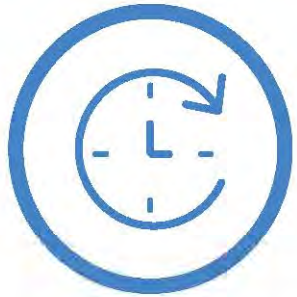
Energy
Highly efficient fabric envelope
Air Source Heat Pumps
Natural daylight to bedrooms

Green Infrastructure
Presently very low ecological value
Greenery introduced at roof level and
garden terraces (inclusive and accessible)

NHS
Net Zero

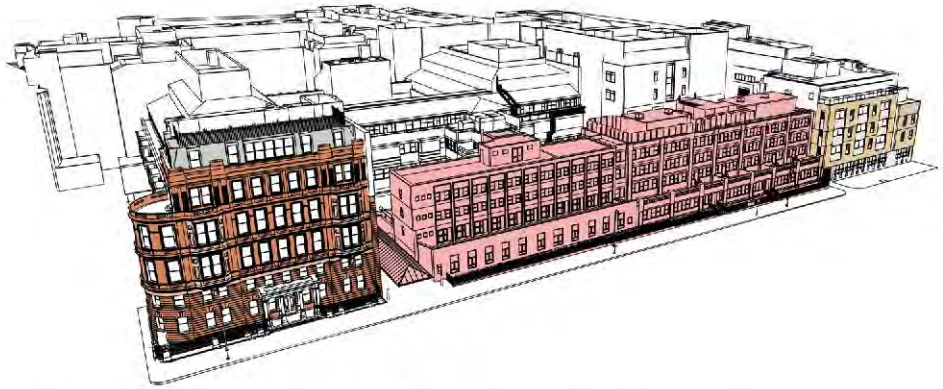
Targeting
NHS Net Zero
benchmarks

Wellbeing
Designs maximise daylight
for patient accommodation

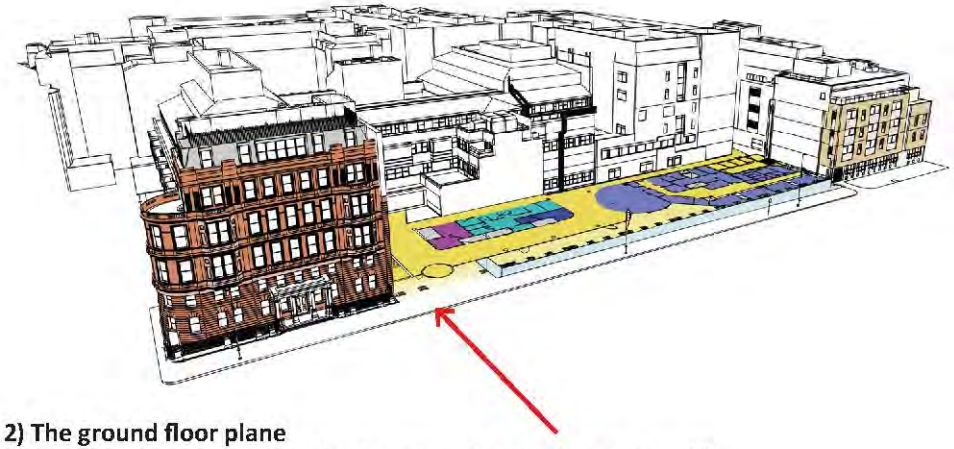


Circular Economy
Flat slabs and 9 metre column grid
maximise flexibility
Modular and prefabricated approach to
building envelope minimising waste

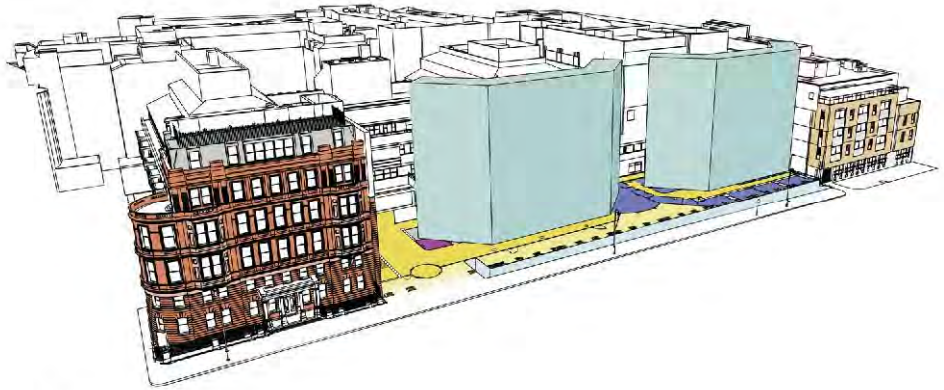
The House and the Garden



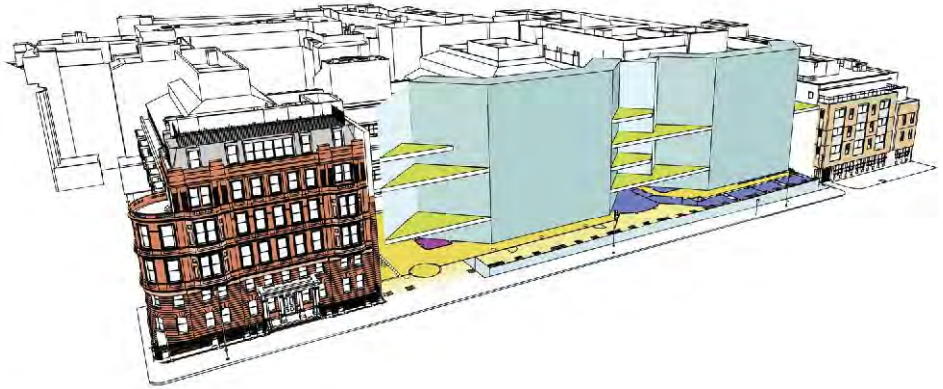
1) Removal of the existing Frontage Building and main entrance canopy
The Phase 4 Site



2) The ground floor plane
A new main entrance and active frontage. Connection to the wider Hospital.



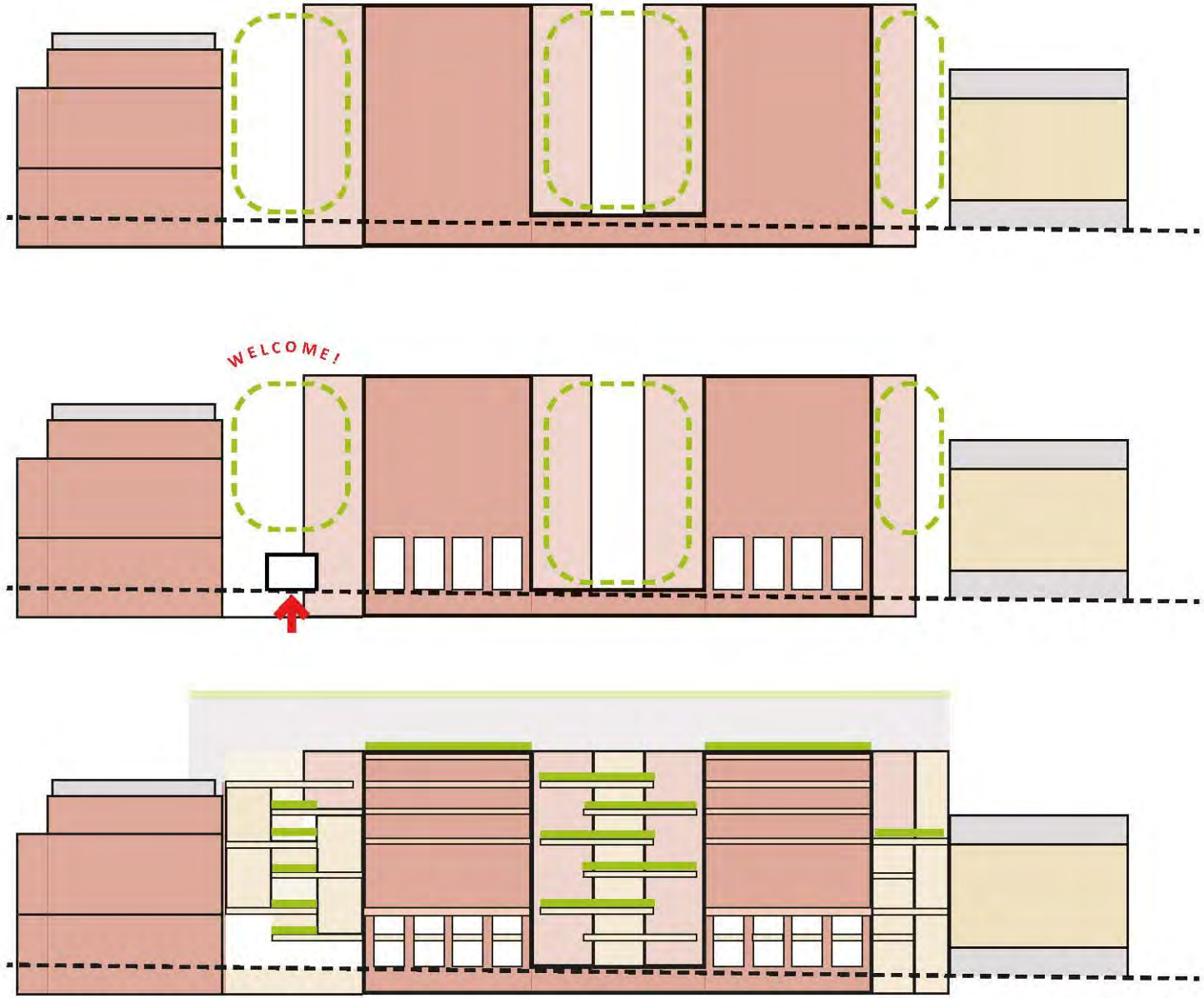
3) The 'house' bay
Hospital ward clusters lining the street



4) The 'garden' bay
Providing connection to the outside and nature

The open garden bay

Concept development

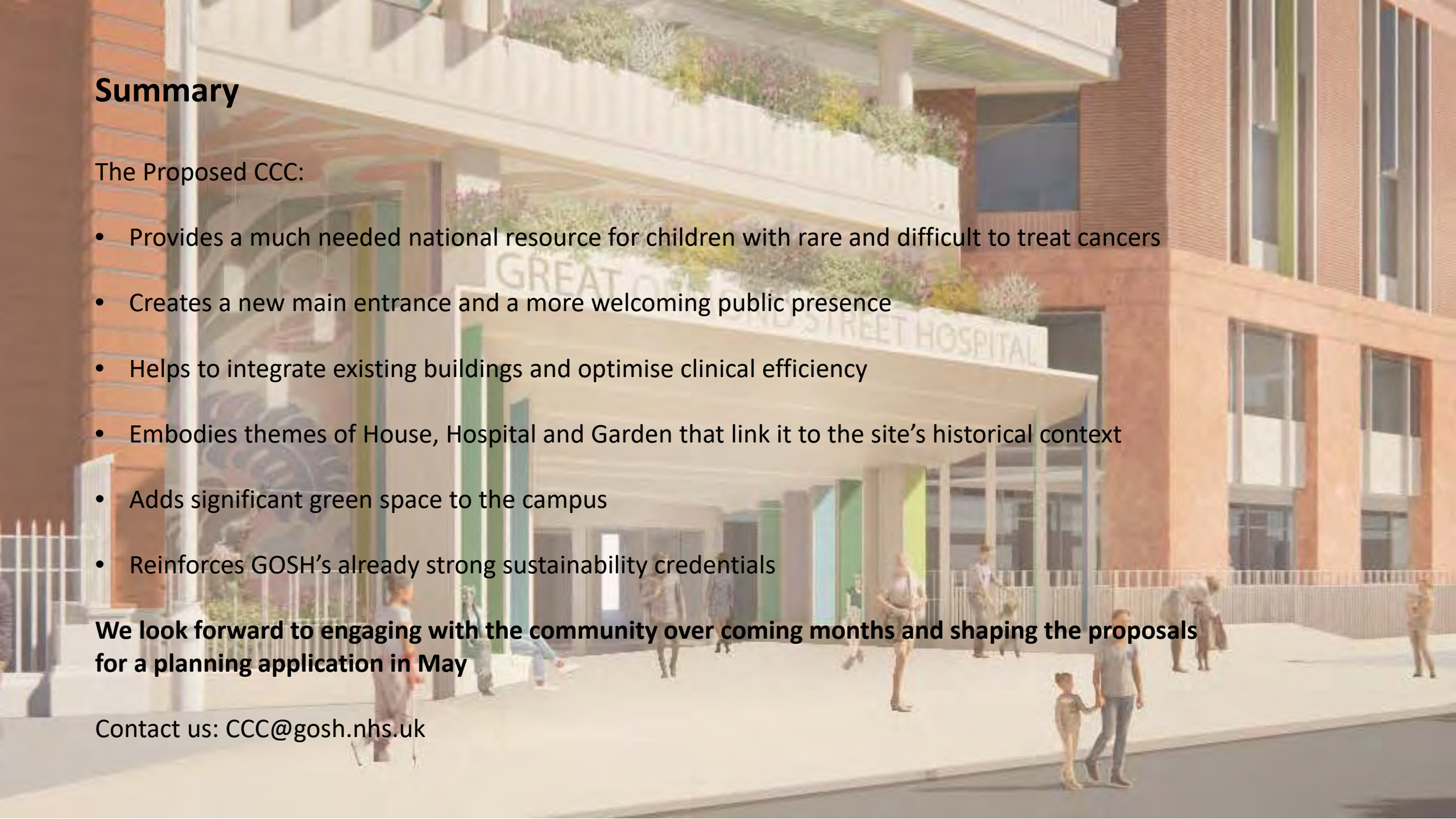


Lamb's Conduit Street /
Great Ormond Street

View from West of Powis Place

Main Entrance

The Roof Garden



Summary

The Proposed CCC:

- Provides a much needed national resource for children with rare and difficult to treat cancers
- Creates a new main entrance and a more welcoming public presence
- Helps to integrate existing buildings and optimise clinical efficiency
- Embodies themes of House, Hospital and Garden that link it to the site's historical context
- Adds significant green space to the campus
- Reinforces GOSH's already strong sustainability credentials

We look forward to engaging with the community over coming months and shaping the proposals for a planning application in May

Contact us: CCC@gosh.nhs.uk

THANK YOU