2136 - GOSH CLINICAL RESEARCH FACILITY DESIGN & ACCESS STATEMENT

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CONTENTS

Introduction	3
Client brief	3
Proposed scope	3
Relevant previous Town Planning consent	3
Design	4
Existing site location	4
Existing building	4
Demolition	6
Proposals	7
Use	7
Amount	7
Layout	7
Scale	7
Access	7
Appearance	8

INTRODUCTION

Project introduction

In the summer of 2021 GOSH commissioned Sonnemann Toon Architects to design a new home for its Clinical Research Facility. The client seeks to provide an international class research facility and their CRF department is a leader in its field.

The existing CRF accommodation is located on the Level 1 of the Frontage Building at Great Ormond Street, which is soon to be demolished to make way for a new building as part of Phase 4 of GOSH's strategic Masterplan 2015. In order to facilitate this all of the current occupants will have to be moved out. Simultaneously, the demand for the CRF services is increasing.

The proposal is to relocate CRF to a repurposed former ward located at Level 8 of the Southwood Building which is conveniently located in the centre of the campus, enjoying excellent connectivity across the site and is familiar to the child patients and their parents & carers on whose voluntary participation the scientific research relies.

The new facility will provide an improved offering also for the staff and visitors from the world of science and academia, as the Level 8 of Southwood is larger than the existing CRF, allowing for much desired expansion and enhanced work environment with good daylight and access to balconies.

Client brief

Clinical Research Facility accommodation including:

- entrance zone with wait and play facilities
- 10no investigation rooms & associated clinical support
- office accommodation, MDT facility and staff support

Proposed scope

Internal refurbishment of the entirety of Level 8 with limited external alterations, namely:

- renewal of the existing timber pods with new ceramic panel cladding
- replacement / alteration of windows within existing structural openings to accommodate building services
- new condensing units located on the balconies

Relevant previous Town Planning consent

This submission follows the client's 2021 application for an analogical refurbishment of Southwood Level 6, consented under reference number **2021/6175/P**.

The external alterations proposals for Level 8 follow the same principles as the Level 6 design, including the colour and materiality strategy for the renewal of balcony pods.



Existing Site Location

Great Ormond Street Hospital is well served with local amenities; a number of hotels, cultural/retail spaces and green areas are in close proximity. The Hospital campus is in proximity to many scientific and educational institutions in Bloomsbury area.

Existing building

The Southwood Building was purpose built as a hospital block and completed in 1938. In its time it represented state of the art in healthcare building, offering patients easy access to all levels through numerous staircases and lifts, good sanitary accommodation provision, plenty of daylight and ready access to fresh air as well as unparalleled views extending from the balconies spanning most of its south-facing facade.

Since then the building has undergone incremental alterations to bring it to the requirements of modern health care. Today the balconies are screened by opaque white mesh balustrades and on several levels external pods in timber construction have been added to increase internal area.

Southwood Building is not listed. It lies adjacent to, but not within Bloomsbury Conservation Area.









1 Birds eye view of the Southwood Building

Key

Green Area

GOSH

Cultural / Retail

- **12** View towards Southwood Building from Guilford Street
- 03 View towards Southwood Building from Great Ormond Street

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Existing building continued







- 0 Southwood Building in 1945, from a drawing by Dennis Flanders
- 2 Southwood Building in 1960
- **13** Level 8 view towards NE with timber pods and white mesh balustrades
- 1 Level 8 view towards SW with timber pods and white mesh balustrades

Proposals - demolition

Proposed works require for the following items to be demolished to enable accommodation of Clinical Research facility at Level 8

- existing timber pods to be removed with a view of replacing them to the same footprint in build-up compliant with Building Regulations and fire safety requirements
- a number of the existing windows to be removed to make way for replacements to be installed in the retained structural openings there would be no change to fenestration pattern
- internally existing partitions & linings to be removed locally





Existing timber pods constructed as an addition to the original Southwood Building to be

Proposals

The building is to remain as medical facility (paediatric hospital) and there is to be no construction of additional floor space within the scope of the proposed works.

The proposed works of this application are as follows:

- To replace the balcony timber pods with new in a Building Regulations and fire strategy compliant construction following the same footprint
- To replace 34no windows with new units, matching existing in arrangement, style and colour, to accommodate building services outlets and meet acoustic and fire safety upgrade requirements. There are no changes to fenestration pattern or structural openings. The windows accommodating services will have blank spandrel panels to top window pane to align with proposed ventilation ducting strategy with supply and extract ducts run through at high level.
- To replace 2no windows with balcony door matching existing in arrangement, style and colour to improve access to balconies
- To install new DX and VRF heat recovery units on the balconies and replace existing disused building services runs and outlets with new. All plant installed is to serve the new relocated CRF department and would be removed at the point of CRF relocating to the eventual permanent facility as part of GOSH Masterplan 2015
- To install 2no fire screens and gates to separate balcony maintenance access areas from fire escape areas

Use

The existing use of the Southwood Building as medical facility is to remain the same.

Amount

The existing floor area is to be unaltered.

Layout

The existing site layout is to be unaltered. There is access from Great Ormond Street at ground level via Variety Building. Level 8 internal layout will be altered locally to adjust to CRF requirements.

Scale

The existing scale is to be unaltered.

Access

There are no amendments to be made to the current access arrangements of the proposal site.





New ceramic panel clad pods constructed following the footprint of the existing pods

New DX and VRF units

New balcony doors

New separating screen and gate

Appearance

The proposal involves the renewal of the balcony pods in new construction.

The proposed pod facade design follows the principles of the scheme for Southwood Building Level 6 project designed by Day Architectural, previously consented under the reference 2021/6175/P and intended as a strategy to be applied to refurbishments of the pods on remainder of the Southwood levels.

Concept

FACADE CONCEPT

Initial designs generated by artist, extracting key architectural features and creating a series of illustrations and geometries to be representative of areas within the new PAMHS building.

This concept then extends to the new facade to create a strong sense of identity across the unit. This planning application is for Level 6 only, however it is the future design intent that where any of these existing timber pods located within the Southwood building is being replaced.

This design concept will be the same for a sense of continuity throughout the existing Southwood building to add pockets of interest, intrigue and inject a sense of fun and playfulness to the facade.



Extracts from "Design and Access Statement_ISSUE_DAS Copy.pdf" by Day Architectural consented for Southwood Building Level 6 CAMHS Unit, GOSH





Natural+ Textures Raw 2051 Ripe Mango Natural+ Textures Raw 2001 Limestone

Natural+ Textures Raw 2031 Chalk Board

Ceramapanel colour palette shared with Level 6 CAMHS Unit, GOSH

The same colour palette applied to Level 8 CRF proposals



Outline of opaque white mesh balustrade omitted for clarity

2136 GOSH CLINICAL RESEARCH FACILITY 8 Design & Access Statement