Leonard Wolfson Experimental Neurology Centre Listed Building Consent Application

Heritage, Impact & Design Statement



DevereuxArchitects

Devereux Architects

101005200xx.xx.2012REjob noissue nodateinitials

contact:

Marisa Shek Devereux Architects Ltd 200 Upper Richmond Rd London SW15 2SH

t: 020 8780 1800 f: 020 8780 2646

e: marisa.shek@devereuxarchitects.com

w: www.devereuxarchitects.com



Section

1.00

2.00

3.00

4.00

5.00

6.00

7.00 8.00

Content

	Introduction
1.01	Purpose of Statement
1.02	Current Use
1.03	Establishing the Need
1.04	Scope of Works and Changes to Accommodation
	History - Statement of Significance
2.01	University College London Hospitals
2.02	History of the NHNN Building
2.03	Queen Square, Bloomsbury
2.04	Local, Cultural Significance
2.05	The Statutory Listing
	The Existing Building
3.01	Interior Site Photos
3.02	The Existing Scheme
	The Proposed Scheme
4.01	The Proposed Refurbished Ground Floor
4.02	The Proposed New Mezzanine
4.03	The Proposed Internal Elevations
4.04	The Proposed Internal 3d Models
	Structural Proposal
5.01	Structural Scope of Works
5.02	Structural Plan of Mezzanine Floor
	Impact Assessment & Justification of Proposals
6.01	Design Statement - Interior Impact of Proposals
	Conclusion
	Appendices

1.00 Introduction

1.01 Purpose of statement

This statement is being submitted as part of the application for Listed Building Consent in connection with the refurbishment of the Leonard Woldson Experimental Neurology Centre (LWENC) within the National Hospital for Neurology and Neurosurgery (NHNN) site in Central London.

The key objective for the LWENC is to provide a world class facility for bringing together mutli-disciplinary teams of researchers, clinicians and scientists in the field of neurodegeneration. The centre will provide a comfortable yet clinically appropriate setting for the assessment of patient volunteers in outpatient and inpatient environments.

1.02 Current use

The building is occupied and is currently used as a rehabilitation gymnasium and a patient day room.

1.03 Establishing the need

Since 1998 the Wolfson Foundation has worked in partnership with the Royal Society to provide funding for the refurbishment of laboratory space at British universities. The aim is to improve the existing physical infrastructure in UK universities to promote high guality scientific research.

The Wolfson Foundation announced an initiative in January 2011 to provide up to £20 million to support research into neurological diseases. The aim was to support outstanding research with the potential to provide significant advances in the understanding and treatment of these conditions.

The Trustees of the Wolfson Foundation awarded up to £20 million to University College London to establish The Leonard Wolfson Experimental Neurology Centre.

The project scope is to refurbish and fit out the interior space of the existing ground floor wing in order to provide a world class reseach facility

The centre will provide a comfortable yet clinically appropriate setting for the assessment of patient volunteers in outpatient and inpatient environments. Dedicated medical teams supported by neurologically trained nurses will provide 24 hour care and the detailed monitoring required to support the highly specialist clinical studies.



Location of the LWENC within the University College Hospital Site

1.00 Introduction 1.04 Scope of Works and Changes to Accommodation

The Scope of Works

This application refers to:

- Alterations to the existing ground floor level
- The introduction of a new mezzanine floor level

The proposed changes are a result of the evolving needs of the NHNN. The proposals will facilitate the development of the building, encouraging optimum viable use of the space with minimal physical intervention.

Existing plasterboard partitions will be removed and the layout reformatted to allow for maximum use of space and light. The central space will be divided into circulation and bedroom areas. The scale and volume being maintained through the use of high level glazing. The reception area will also be separated from circulation by full height glazing

The proposed layouts follow a logical approach of a linear sequence of spaces organised along the central spine of activity and where appropriate takes advantage of the high floor to ceiling heights.

Change of Use

The ground floor will change from outpatient physiotherapy gym and treatment rooms to an inpatient facility and Infusion Suite.

The reconfiguration of the ground floor will include accommodation for inpatient bedrooms which will allow for more personal care for the individuals using the facility.

The introduction of mezzanine floors will create the much needed additional floor area required to support all of the proposed functions.

The space benefits not only from the architectural design clinically, but more importantly the daylight afforded by the featured tall round-headed sash windows. The central circulation spine is served by 3 of the featured windows. This generously enhanced space which features the sculptural glazed mezzanine stair also forms the focal hub where nurses and the medical team manage the activities of the centre.

Some new partitions will be required to divide the spaces and new doorways will need to be created to access these rooms.

Existing Ground Floor Accommodation

Clinical (C2 Residential institutions) 5 Rooms Kitchen Outpatient Gymnasium Treatment Room (2No.) Changing Room

Administration (B1 Business) 8 Rooms

GeneralReception/Office, Waiting Area, CirculationOfficeOffice, Staff RoomOtherStore, Staff WC, Assisted WC

Existing Mezzanine Floor Accommodation

N/A

Proposed Ground Floor Accommodation

Clinical (C2 Residential institutions) 12 Rooms

Laboratory Drug Prep and Store Assessment Dirty Utility Bedroom with Ensuite (2No) Bedroom Infusion Suite Interview Room

Administration (B1 Business) 10 Rooms

General Reception/Waiting Area, Circulation Office IT Room

Other Linen Store, Staff WC (2No.), Accessible Shower, WC, Cleaners Cupboard, Disposal Hold

Proposed Mezzanine Floor Accommodation

Administration (B1 Business) 2 Rooms

Office CRF workstations Directors Office Staff Room

Shading indicates change of use

2.00 History Statement of Significance

2.01 University College London Hospitals

University College Hospital (UCH) is a teaching hospital located in London, United Kingdom. It is part of the University College London Hospitals NHS Foundation Trust and is closely associated with University College London (UCL).

The hospitals which now form part of UCLH or which contributed to its development were all originally established as charities which relied on public donations and subscriptions for their income.

The oldest of these was the Middlesex Hospital, which was founded in 1745 and was one of the five voluntary general hospitals which were established in London during the 18th century (the others being Westminster Hospital (1719), Guy's Hospital (1721), St George's Hospital (1733), and the Royal London Hospital (1740)).

2.02 History of the NHNN Building

The National Hospital for Neurology and Neurosurgery (NHNN) was founded in 1859 and is the UK's largest dedicated neurological and neurosurgical hospital treating over 6,000 inpatients, 120,000 outpatients and 8,000 day cases each year.

The hospital was founded by Louisa and Joanna Chandler for the care of the paralysed and epileptic. Money for this building was raised by HRH Duke of Albany and opened by his brother Edward, Prince of Wales, in 1884.

The NHNN building in Queen Square was built between 1883-5 by MP Manning and J Simpson.

The symmetrical facade of the grade II listed National Hospital for Neurology (formerly the Institute of Public Health later named the Albany Wing) is richly decorated in terracotta. This building has important philanthropic and social links with the area.

Celebrating 150 years in 2010, it provides comprehensive services for the diagnosis, treatment and care of all conditions that affect the the brain, spinal cord, peripheral nervous system and muscles. It is part of the University College London Hospitals Foundation Trust.

2.03 Queen Square, Bloomsbury

The building is located within the Bloomsbury Conservation Area.

Queen Square is a square in the Bloomsbury district of the London Borough of Camden, England. Queen Square was originally constructed between 1716 and 1725 on land owned by Sir Nathaniel Curzon of Kedleston and was named in honour of Queen Anne (1665-1714). Originally the northern end of the square was left open to provide a view to Highgate and Hampstead, over what was then undeveloped land.

Queen Square was transformed by redevelopment of the original townhouses over the late 19th and 20th centuries, especially on the east side by hospital buildings, some of which are of an ornate appearance.

The pattern of this redevelopment over time has also led to a range of architecturally diverse buildings, which contribute to the character of the square. The predominant height in the southern portion of the square is three to four storeys. The northern part comprises taller, generally six-storey, red brick hospital buildings to the east and four-storey terraced buildings to the west.

The northern section of the square comprises formally laid out lawns enclosed by cast-iron railings, and contrasts with the hard stone paviours of the southern end. A grade II listed bronze statue from 1775, probably of Queen Charlotte, is situated at the northern end.

2.04 Local, Cultural Significance

The hospital and medical uses dominate the square, which is active and busy with people throughout the day.

Many of the buildings surrounding the square are devoted to providing, researching and administering health care. The National Hospital for Neurology and Neurosurgery (NHNN), often referred to synechdochally as 'Queen Square', and the Royal London Hospital for Integrated Medicine, make up the east side of the square.

The Institute of Neurology, part of UCL, is located in the north east corner of the square. The former Institute for Public Health takes up much of the north side - the building is now used as the administrative centre for the NHNN and Institute of Neurology.

Several buildings on the west side of the square are devoted to medical research and are part of the Institute of Neurology and other departments of UCL. These include Alexandra House at 17 Queen Square which houses the UCL Institute of Cognitive Neuroscience and the Gatsby Computational Neuroscience Unit.



2.00 History 2.04 Statutory Listing

2.05 Statutory Listing

The building is listed under the Planning (Listed Buildings and Conservation Areas) Act 1990 by the Secretary of State for its special architectural or historic interest.

National Heritage List Entry Summary

List Entry Name: National Hospital for Neurology

List Entry Number: 1245487

Location: National Hospital for Neurology, Queen Square

County: Greater London Authority

District: Camden

Grade: II

Date first listed: 9th December 1997

National Heritage List Entry Description

Hospital was built in 1883-5 by MP Manning and J Simpson. Red Suffolk brick with Doulton's terracotta cornices and string courses; tiled roof. Single rectangular block, originally fronted earlier building which no longer survives.

Plan

Symmetrical composition around central block: projecting blocks with recessed link to flanking pavilions.

Exterior

3 storeys plus attic and basement. 22 bays altogether. Venetian windows and carved brick in pavilion gable ends; triangular pediments on second floor. Tall, narrow round-headed windows with hoods above and pediments on second floor. Tall, narrow round-headed windows with hoods above and aprons below on the first floor. Rusticated brickwork on ground storey. Handsome terracotta entrance porch with voussoirs. Recessed terracotta balustraded loggias to link blocks, in French Renaissance style. Ornate blind aedicules on north pavilion flank wall.

Interior

Entrance foyer, offices, board room and chapel on ground floor; wards above. Doric screen between foyer and main staircase compartment. Staircase rises to first floor against rear wall, dominated by large Venetian window with stained glass. Chapel to right of entrance, rectangular in plan, lit by octagonal dome with coloured glass border. Green marble Corinthian columns and pilasters. Plain frieze with dentilled cornice. Coved ceiling. Stained glass window behind altar dates from 1885. Board room to right of entrance also, fronting Queen Square, panelled and with fitted cupboards having leaded glazed fronts; elaborate wooden mantelpiece above faience surround fireplace inset with De Morgan tiles.

Historical Note

The hospital was founded in 1860 by Louisa and Joanna Chandler for the care of the paralysed and epileptic. Money for this block was raised by HRH Duke of Albany and opened by his brother Edward, Prince of Wales, in 1884.

3.00 The Existing Building

3.01 Interior Site Photos



 Existing reception area and partitions to be removed to form the 'Wolfson Lounge' that will serve as a waiting area with reception/lounge.



- Some existing doors and walls to be kept. Existing walls to be refurbished and redcorated.
- Dado rail detail is to be maintained.



- Existing round-headed sash windows to be maintained and redcorated.
- Existing walls to be refurbished and redocrated.
- Existing stud partition to be removed where necessary; new partitions and doors to form new rooms.



• Existing disused ornate red stone fire place to be maintained; this will be the focal point for the new reception / waiting area.



• Existing stud partition to be removed where necessary; new partitions and doors to form new rooms.



- Existing door replaced with glazed door
- Existing walls to be refurbished and redocrated.



Existing door and feature architrave to be maintained.

•

•



Existing suspended ceiling to be replaced with curved plasterboard ceiling where new full height partitions are formed to allow sash windows to be expressed

3.00 The Existing Building

3.02 The Existing Scheme

The Extent of the Demolition



- Existing reception desk, fixtures and furnishings to be removed.
 Existing stud partitions and doors to be removed.
 Existing floor and wall finishes to be removed where necessary.
 Built in cupboards and fixings to be removed.



Existing Ground Floor Plan (Not to scale)

Shading indicates areas to be demolished.

4.00 The Proposed Scheme

4.01 The Proposed Refurbished Ground Floor

The Proposed Alterations

Ground Floor:

- New staff stair from ground to mezzanine (2No.).
- New stud partitions to form new rooms.
- Metal stud partitions with acoustic rating to clinical areas.
- Backlit feature wall in the reception area.
- Emulsion paint finish throughout.
- High performance proprietary liquid plastic and/ PVC finish to all clinical and clinical support spaces.
- Proprietary acoustic floating floor system throughout.
- Painted plasterboard on MF suspended ceiling grid system in the main reception.
- Proprietary demountable suspended ceiling system in clinical and treatment areas.
- Painted plasterboard on MF suspended ceiling grid system within office areas.
- Generally, proprietary solid core doors and doorsets with hardwood veneer or factory painted finish. Vision panels as necessary to suit functional and Building Regulation requirements.
- Proprietary stainless steel handrails, crash rails and corner guards where required.
- White sanitary fittings with coloured integrated plumbing system to WCs.
- Work and Benchtops to be solid surfacing as by Corian.
- Reception desk, staff tea point and nurse station joinery to be plywood with hardwood veneer.
- Internal glazing: sliding wall at Wolfson Lounge floor to ceiling mullion-free butt jointed glazing system.

MEP Services:

- Generally main duct runs are to be located above the bedrooms and laboratory.
- Pendant lighting in the lounge and double height spaces.
- Low level LED Accent / Feature Lighting with patient controlled settings in the bedrooms.
- · Feature lighting around staff tea point and sitting area.

Refer to Appendix 2 for the outline specification.



Shading indicates areas to be altered



Proposed Ground Floor Plan (Not to scale)

4.00 The Proposed Scheme

4.02 The Proposed Mezzanine Floor

The Proposed Works

Mezzanine Floor:

- The mezzanine structure shall be designed to provide the minimum possible depth in order to maximise clear ceiling height on the ground and mezzanine levels. The structure should generally be designed to span between existing load bearing wall, however additional supports could potentially be located subsequent to coordination with Architect and existing structure.
- New stud partitions and doors to form new offices.
- Original arched soffit in staff rest area to be refurbished and exposed

Refer to Appendix 2 for the outline specification.



New Accommodation

Proposed Mezzanine Floor Plan (Not to scale)

4.00 The Proposed Scheme 4.03 The Proposed Internal Elevations





4.00 The Proposed Scheme 4.04 The Proposed Internal 3d Models





5.00 Structural Proposal 5.01 Structural Scope of Works

5.01 Introduction

The scope of the structural work is as follows;

- Installation of new mezzanine floors between the ground and first floor levels.
- Review the support of the proposed new plant.
- Design of Builders work in connection with the new services
- installation.

5.02 Existing Structural Details

Floor plans of the existing building and a survey of the relevant area have been used the develop the structural scheme as it is believed that no structural drawings are available. A visual inspection of the building has been undertaken of this part of the building.

5.03 Structural Form of the Building

From existing layout drawings and survey provided the structural form of the building cannot be determined. It could be a framed structure or possibly load bearing masonry has been used or maybe a combination ofboth. The visual inspection indicates that the building is a combination of load bearing masonry and steel framing.

Some of the floors can be seen to incorporate brick vaults possibly with steel beams but the exact composition of the floors cannot be determined from a visual inspection. The flooring over most of the ground floor area is timber and it seems likely that timber boards and joists have been laidon the vaulted brick floor. Some floor areas are more solid and do not appear to incorporate timber.

The form of the building structure is not however considered significant for the proposed refurbishment works except perhaps the floor construction.

5.04 Proposed Structural Works

5.04.01 Installation of new mezzanines.

It is proposed to install a new mezzanine structures between the ground and first floor levels.

The mezzanine structures comprise timber floor joists supported on steel beams which sit, via concrete padstones, onto the existing brick walls.

The configuration of the mezzanine floor structure can be adapted to suit the services distribution routes. Services can be incorporated in the structural zone by running them parallel with the timber floor joists and providing holes in the steel beams as necessary. The steel beams in the scheme have been designed with some allowance for forming holes.

The depth of the mezzanine has been kept to a minimum because of the limited headroom available for the mezzanines. The structural zone is 150mm.

The mezzanines have been designed for an imposed loading of 2.5 $\ensuremath{\text{Kn/m2}}$.

5.04.02 Support of the new plant

The proposed plant new plant locations are indicated on the roof plan.

The plant will need to be located on areas that are capable of carrying the additional loads and if necessary additional support structure will be required.

5.04.03 Builders work in connection with the services installation.

It is envisaged that some services will need to pass through elements of the existing structure. Where this occurs the structure will need to be reviewed and framing or beams provided asnecessary. At this stage no details of the proposed service routes are available.

5.04.04 Support of the new staircase

The new feature staircase is shown such that it will need to take support on the edge of the mezzanine and also at ground floorlevel. The mezzanine steel can be designed accordingly but the bottom of the stair will need to be supported on the ground floor slab. As noted above, the ground floor slab comprises timber joists on a brick vaulted floor. Any loads will therefore have to be carefully located and spread onto the floor such that the floor elements are not overstressed.

5.04.05 Assumptions

It has been assumed that the existing masonry walls can carry the proposed loads from the new mezzanine structures. Preliminary checks and a visual inspection have been undertaken but the details will need to be confirmed on site.

The mezzanine and the proposed proprietary new staircase will havesome large members that will need to be brought to site. It has been assumed that this will be possible but when the site constraints havebeen established some modification of the designs may be required.

5.00 Structural Proposal 5.02 Structural Plan of Mezzanine Floor

This drawing shows the scheme for the formation of the mezzanine

structures.



	08/01755	<u>N0725</u>
di di	1 50x63 C24 @ 400 C/C TIM56R J0(515	 The drawing is copyright. The drawing shall be read in conjunction with all
		relevant drawings and the specifications. 3. The abaving shall not be iscaled, use only figured diversions. All dimensions are above in millinghnes and
		And a meetors. 4. Dimensions and concisions a finite and we have the analysis Any disconsponses between the advance, and size consistems shall be brought to the attention of the
		Control on resource into a picery processor to construction.
		the requirements of the local authority, current Codes of Practice and British Standards.
		G. Measure: Non-steayed for an imposed loading of 2.5kH / m ² .
		 Floor joins to to address up below projected pattern. Final analy 9275
		 440x100x215 DP ruses concrete publicities to be provided at all steel wall bearings - U.N.O
		PRELIMINARY
		F3 Rerend as closed F02912 F0 F2 Added sectors 2007012 F0
		Rev Data: By Approval
		The dware is not to be used for conduction intest synth approxil. Signature:
		CARTERICLACK
		49 Ramey Street: Westensiter Lander SW 1P 3R* Ph 020 7235 0905 Fix 020 7233 0714
		Ashest Des DEVEREUX ARCHITECTS
		AN THE U.C. LEONARD WOLFSON EXPERIMENTAL NEUROLOGY CENTRE REPURSISHMENT
		Drawy Trix MEZZANINE FLOOR PLAN
		Sole Otto Date of Sole
		1:50@41 JULY 12 F8 75

Mezzanine Detail Plan (Not to scale)

6.00 Impact Assessment & Justification of Proposals

6.01 Design Statement - Interior Impact of Proposals

Architectural Character

Internally, the accommodation includes an entrance foyer leading to offices on the ground floor; with wards above. There is a doric screen between foyer and main staircase compartment. Staircase rises to first floor against rear wall, dominated by large Venetian window with stained glass.

See existing plan for current use.

Proposed Internal Development

The proposal is to generally refurbish the interior of the ground floor level and introduce a new mezzanine floor.

The proposed alterations are intended to improve the layout and increase the functionality and viability of the internal accommodation without impacting on the historical architectural features. New openings and partitions need to be formed to create the required spaces for healthcare use.

An existing ornate red stone fire place to be maintained and will become the focal point for the new reception / waiting area.

Physical Impact to Buildling Interior

Works to the historic building will be a response to our understanding of the structure, materials and traditional building techniques, which will contribute to the architectural and historic significance of the building.

Alterations will be carried out in a sensitive way, to preserve what is special about the building, and allow it to continue being used and enjoyed. It is our intention that any upgrades to the services and internal accommodation will be sensitive to the existing internal fabric of the space.

Sources Consulted

- Planning Policy Statement 5 (PPS5) Planning for the Historic Environment: Practice Guide (English Heritage)
- Planning for the Historic Environment: Historic Environment Planning Practice Guide (English Heritage)
- Camden Council Conservation Officer

Policy HE7: Policy principles guiding the determination of applications for consent relating to all heritage assets

Heritage Assets

The proposed changes will only affect stud partition walls and will not impact the historic architectural features of the building.

Heritage benefits

- Our proposal ensures the optimum viable use of a heritage asset in support of its long term conservation.
- It makes a positive contribution to economic vitality and functionality of the space.
- This is an appropriate design for its context and makes a positive contribution to the appearance, character, quality and local distinctiveness of the historic environment.
- The proposed alterations better reveals the significance of a heritage asset and therefore enhances our enjoyment of it and the sense of place.

Policy HE9: Additional policy principles guiding the consideration of applications for consent relating to designated heritage assets

Alterations to realise the optimum viable use of an asset

- The proposals for the development of the NHNN building will allow optimum viable use with minimal physical intervention.
- By improving the functionality of the space, we will extend the viable uses for the space which will fund future maintenance.



7.00 Conclusion

The proposals have attempted to provide a high quality refurbished interior space suitable for modern healthcare whilst respecting the existing historic fabric of the listed NHNN Building.

New openings have been minimised and restricted to those necessary for the revised functions of the space.

The proposed alterations are intended to improve the layout and increase the functionality and viability of the internal accommodation without impacting on the historical architectural features. New openings and partitions have been minimised and restricted to those necessary to create the required spaces for healthcare use.

Alterations will be carried out in a sensitive way, to preserve what is special about the building, and allow it to continue being used and enjoyed.

List of Appendices

- Appendix 1 The Drawings
- Appendix 2 The Outline Specification
- Appendix 3 Sofffit Survey Drawing

- Appendix 4 Structural Report Appendix 5 MEP Design Report
- Appendix 6 Pre-application advice letter

8.00 Appendices



DevereuxArchitects





DevereuxArchitects





Leonard Wolfson Experimental Neurology Centre

TITLE

Existing Ground Floor Plan -

-

SCALE @ A1 1:50		; Limin	ARY	
DRAWING NUMBER	L-110		REVISION -	20



0 1m 2m 3m 4m 5m

Ground Floc	r Plan			
-				
-				
-				
SCALE @ A1	STATU	S		_
1:50	PRE	LIMIN	ARY	
DRAWING NUMBER			REVISION	
GB1010052	L-100		В	21
				_

PROJECT Leonard Wolfson Experimental Neurology Centre

University College London

a PM Group company

CLIENT

TITLE

W www.devereuxarchitects.com

LONDON 200 Upper Richmond Road London SW15 2SH T +44 (0)20 8780 1800 E london@devereuxarchitects.com



Key - L1 = level 1 drawn L2 - level 2 checked

в	30.08.2012	Drug prep size amended, Assessment & Dirty utilities amended, sliding door added to Bedroom 3, Disabled accesses WC moved, back of house layout amended	RJ - MS
A	27.07.2012	Lobby door added, EDC removed, layout revised	RJ - MS
	02.07.2012	First Issue	RJ - MS
Rev	Date	Comment	L1 - L2





0 1m 2m 3m 4m 5m

-				
-				
-				
SCALE @ A1	STATU	S		
1:50	PRE	LIMIN	ARY	
DRAWING NUMBER			REVISION	
GB1010052	L-101		В	22

PROJECT Leonard Wolfson Experimental Neurology Centre

me Mezzanine Level Plan

CLIENT University College London

a PM Group company

W www.devereuxarchitects.com

LONDON 200 Upper Richmond Road London SW15 2SH T +44 (0)20 8780 1800 E Iondon@devereuxarchitects.c



Key - L1 = level 1 drawn L2 - level 2 checked

в	30.08.2012	high level screens added to CRF office	RJ - MS
A	27.07.2012	Lobby door added, EDC cupboard removed	RJ - MS
-	02.07.2012	First Issue	RJ - MS
Rev	Date	Comment	L1 - L2







DevereuxArchitects

■ D E V E R E U X ARCHITECTS

Reference GB1010052/D1

Project Leonard Wolfson Experimental Neurology Centre

Document Title **Outline Specification**

Author Marisa Shek Rosie Earp

Date 14/09/2012

Revision B

OUTLINE SPECIFICATION

All works are to be executed to conform to the current Building Regulations, all relevant Health Technical Memoranda (HTMs) including Firecode and relevant British Standards and Codes of Practice.

All works shall be complying and be in agreement with: 1) Local Authority regulations 2) Fire Officer comments 3) Any other statutory authority requirements.

Materials and specification to take into account the requirements of BREEAM assessment and in accordance with BRE Green Guide to Specification recommendations. Acoustic performance: In accordance with Department of Health 'Acoustics : Technical Design Manual'

General Notes: All Timber to be FSC certified6

OUTLINE SPECIFICATION

GLAZING

ELEMENT

INTERNAL GLAZING - TO BEDROOMS Clerestory above height of door, mullion-free butt jointed glazing system. Allow for 7.5m2 glazing per bedroom. As by Komfort Architectural or approved equal.

INTERNAL GLAZING – INTERVIEW ROOM and INFUSION ROOM Floor to ceiling mullion-free butt jointed glazing system (circa 4.5m high). Fully glazed sliding door to each room to be integrally designed as part of system. For glazing allow two layers of toughened glass laminated together. Actual thickness requirements to be designed by manufacturer. Manifestation to be applied as required. As by Komfort Architectural or approved equal.

INTERNAL GLAZING - DIRECTOR'S OFFICE (MEZZANINE LEVEL) Floor to ceiling mullion-free butt jointed glazing system (2.3m) with full height solid hardwood door. FD30S fire rated glazing system. Manifestation to be applied as required. As by Komfort Architectural or approved equal.

INTERNAL GLAZING – MEZZANINE AREAS All glazing to mezzanine areas to be FD30S fire rated in accordance with the fire strategy.

INTERNAL GLAZING – INTERNAL TO ALL EXTERNAL WINDOWS Single piece 12mm thick clear float glass with low profile aluminium frame to be applied to the interior of all external windows. Translucent manifestation to be applied to all windows facing internal courtyard. As by Komfort Architectural or approved equal.

INTERNAL GLAZING - SLIDING WALL AT WOLFSON LOUNGE Floor to ceiling mullion-free butt jointed glazing system (circa 4.5m high). Fully glazed bi-parting sliding door (2.5m wide) to be integrally designed as part of

Revision	Date	By	Amendment
A	01/06/2012	MS/JW/PH	Draft issue for feasibility repor
B	<mark>14/09/2012</mark>	RE/MS	Revised for the Stage D Repo

Revision	Date	Ву	Amendment
A	01/06/2012	MS/JW/PH	Draft issue for feasibility report
B	14/09/2012	RE/MS	Revised for the Stage D Report

B 14/09/2012	RE/MS	Revised for the Stage D Repo	ort		1	B	14/09/2012	RE/MS	Revised for the Stag	e D Report
A 01/06/2012	MS/JW/PH	Draft issue for feasibility repor	t]	Α	01/06/2012	MS/JW/PH	Draft issue for feasib	ility report
Revision Date	Ву	Amendment]	Revision	Date	By	Amendment	
	50mm metal	al wool quilt in the cavity.	In Thick Sonnarioc, dosid	i each side and				OFFICE AND Painted plast	STAFF AREAS erboard on MF susr	pended ce
	TO 56 dB Rv	V: I atud with O No Javara 15	m thick 'QoundDlas' hose	l agab aida and				appropriate fi	unctional performan	nce in acco
	ROOMS REC	QUIRING SOUND REDUCT	TION IN EXCESS OF 51 d	B Rw AND UP				tiles through	ut, Ecophon Hygier	ne Medite
	fixtures and f	ittings. Insulation as require	d to meet required acousti	ic performance				ASSESSMEN Proprietary d	IT ROOM AND CLI emountable suspen	INICAL SU Inded ceilin
	including 18r	nm ply backing board betwe	een studs, where required	to support						
	ROOMS REO 70 mm metal	QUIRING SOUND REDUCT stud_with <mark>2 No lavers</mark> 15m	ION UP TO 51 dB Rw: m thick 'Duraline' plasterb	oard each side.				Curved plaste Casoline cur	erboard feature ceili ve' concealed grid I	ing. As ma MF curved
								BEDROOM,	NFUSION SUITE A	AND COR
	TYPICALLY:							be made for s	specialty reveal trim	i pieces ar
	:Technical De	esign Manual'						Painted plast	erboard on MF sus	pended ce
	board type to and in accord	suit storey height, and performed and performed by a store with the general principle of the store of the sto	ormance requirements: Fi	re, acoustics alth 'Acoustics		CEILINGS		RECEPTION All ceilings to	AND MAIN CIRCU	ILATION
	Proprietary N	letal stud partitions, British	Gypsum or equivalent. Thi	ickness and						
	CLINICAL AF	REAS:				FLOOR		ALL FLOORS	GENERALLY THE	ROUGHO r svstem
	translucent re	esin panels. As 3-Form Var	ia panel, 3 layers or equal	approved.						
	Allowance sh the reception	hall be made for a feature water the made for a feature water the max comprise of the	all within the reception are	a e.g. behind) backlit/edgelit				Linoleum or v Marmoleum	inyl Sheet flooring. Altro or equivalent	Design fe
	FEATURE W	/ALL:						ALL OTHER	SPACES:	
	stainless troll	ey rails/ skirting to be devel	oped.					Floor finishes	subject to agreeme	ent with H
	side and aco	ustic insulation to Acoustic as, Skim and paint finish an	Consultant's specification I	between noise kirting, Bespoke				CLINICAL AF	EAS: be in accordance w	vith HTM (
INTERNAL WALLS	WALLS TO F Gyproc Gypv	2UBLIC SPACES: vall system or similar with 2	no. layers of 12.5mm plast	terboard each				Interface or e	qual approved.	
								backing mate	rial. Installation to	use TacTi
METALWORK	miscellaneou	is required fixings.	and an a guardian abound			FLOOR FIN	ISHES	WOLFSON L	OUNGE, STAFF BI	REAK OU
ARCHITECTURAL	Stainless ste	el fixings to be used for all h	andrail / quardrail assemt	blies and other				fibre panel sy	stem with hardwoo	d veneer f
	ceiling lower and finished	than structure is provided th flush with ceiling.	ne housing for the blind is t	to be recessed				STAFF STAI Longest side	R TO MEZZANINE of stair to have wal	BREAKO
BLINDS	All external w Enviroscreen	indows to be fitted with Ver fabric. Each window to rec	osol QS81 Motorised blind quired single drop from cei	a with ling. Where a				all clinical and	a clinical support sp	aces
				1 96				High perform	ance proprietary liq	uid plastic
	Steel stair; tr	eads to be concrete filled pa	ans. Continuous vinyl finis	h to tread and					REAS.	
	STAFF STAI	R FROM GROUND TO ME	ZZANINE			WALL FINIS	HES:	Generallv- er	nulsion or eaashell	finish.
	nurse touch o LED task ligh	down base complete with ca nting by Eric Wilson & Co Lt	able management system and or equal approved.	and concealed				All fire rated v SK001 and F	vall <mark>s to achieve FD</mark> E-SK002.	30S. Refe
	thermo forme with integral	ed to make seamless wrap i slip resistant tread surface.	ncluding stairs, treads rise Design features to include	ers and railings, e integrated				FIRE RATED	WALLS	
INTERNAL STAIRS	Bespoke stee	el stair with solid surface pa	D MEZZANINE: nels (Corian, Hi-Macs or e	equivalent)				coat or taped	and filled finish.	littings. Fir
				44411				50 mm of mir	eral wool insulation	n. 18mm p
	Actual thickn be applied as	ess requirements to be des s required. As by Komfort A	igned by manufacturer. M Irchitectural or approved e	anifestation to qual.				56 dB Rw Af board each s	ND UP TO 62 dB Ri ide of 70 mm metal	w : Typica studs. wit
	system. For	glazing allow two layers of	toughened glass laminated	d together.				NOISE SENS	SITIVE ROOMS RE	

SOUND REDUCTION IN EXCESS OF ally: 2 No layers of 12.5 mm SoundBloc ith resilient bar on one side only of studs. ply backing board between studs, where inish to be either sprayed plaster, skim

er to Arup fire strategy mark-ups FE-

and/ PVC finish (wall glaze or similar) to

OUT SPACE in perforated acoustic gypsum cellulose finish. As by Gustafs or equal approved.

UT SPACE AND CRF OFFICES 0% recycled yarn and partially recycled Files and not adhesives. As Biosfera 1 by

61 Hospital Trust

features / patterns to be confirmed. Forbo floor finishes where required

DUT ElecoFloor 36 or equivalent.

GENERALLY

ements. eiling grid system. Allowance shall also and acoustic plasterboard.

RIDOR anufactured by British Gypsum, d ceiling system, or equal approved.

UPPORT AREAS

ng system with recessed grid and drop in ec A C1 or equivalent, to achieve cordance with current HTM's.

eiling grid system. Allowance shall also

INTERNAL DOORS	be made for specialty reveal trim pieces and acoustic plasterboard. BEDROOMS Double glazed door system, with fire alarm activated conventional swing door manual operation. Equal door leaves with clear opening of 1500mm and 2500mm in backter powder costed finish. Purceton 15mm glazing to maximum				Armitage Ve Trust's Infec disabled use where possi compromise	nesta, or approved equal and in tion Control Policy throughout ar . Water saving fittings and dual ble and where health and functio d.
	allowable area. As manufactured by Moda Interiors double glazed door system , or equal approved.				Toilets: Jasp Basins: Jasp Taps: Senso	er Morrison er Morrison rflow 21 basin mounted electron
	CRF MEZZANINE GLAZED DOOR Double glazed door system, with fire alarm activated conventional swing door manual operation. FDS30 Fire Rating. Polyester powder coated finish. Pyrostop 15mm glazing to maximum allowable area. As manufactured by Moda Interiors double glazed door system, or equal approved.		FITTED FU AND EQUI	JRNITURE PMENT	GENERALL Work and Be equal.	Y: enchtops to be solid surfacing as
	FIRE RATED DOORS All fire rated doors to achieve FD30S. Refer to Arup fire strategy mark-ups FE- SK001 and FE-SK002.				RECEPTION Joinery to be exposed iror joinery spec	N DESK, STAFF TEA POINT AN plywood with hardwood veneer imongery to be satin stainless st alist
	GENERALLY Generally, proprietary solid core doors and doorsets, Leaderflush Shapland or equivalent with hardwood veneer or factory painted finish to include hinges as				DRUG PRE C-Frame sys	P and LABORATORY stem with hung pedestals as by \$
	appropriate. Vision panels as necessary to suit functional and Building Regulation requirements. Fire and acoustic performance to suit Building Regulations requirements, HTM 05-02 and fire strategy documents. All door sets, including fire resisting glazing, fire and smoke seals as required to be certified.		SIGNAGE		Allow for sup Standard siz Signbox or a	persized graphics to bedrooms, <mark>i</mark> ed room signage to be provided pproved equal
	Ironmongery to public circulation areas: Proprietary 'd-line' or equivalent satin stainless steel ironmongery: Recessed overhead door closers, pull handles, push plates, locksets and flush fixed kick plates where applicable. Perimeter smoke seals where required and purpose made signage.		STRUCTU	RE	MEZZANINE The mezzan in order to m structure sho however ado coordination	E STRUCTURE ARCHITECTUR ine structure shall be designed t aximise clear ceiling height on the buld generally be designed to sp litional supports could potentially with Architect and existing struct
	Vision Panels: To comply with HTM requirements and as indicated on the door elevation drawings. Glazing to be to Pyrostop or similar clear fire resistant glazing. Beading to be flush with face of door with shadow gap detail. Certification for glazing is to be provided with certified doorsets.		MEP SER\	/ICES	MEP design consideratio	by Troup Bywaters + Anders (T ns required by the Architect.
	Include acoustic seals as required to meet acoustic requirements as stated in the room data sheets and in compliance with the principles stated in Department of Health 'Acoustics :Technical Design Manual'. Satin finish stainless steel or equivalent ironmongery including associated fire safety signage. To meet HTM 59 and Building Regulations requirements				Generally m and laborato ducts require conjunction fittings in full	ain duct runs are to be located w ry. Strategies will need to be co ed on full height spaces. All visit with the Architects approval. Ma height spaces.
BEDHEAD SERVICES	TO BEDROOMS, INFUSION ROOM AND ASSESSMENT ROOM Built in bespoke headwall system integrated with bedhead services. As Herman Miller 'Compass' range, or equal approved. Recessed bedhead trunking system to house medical gas, power supply outlets and nurse call points to be confirmed in detailed design.		LIGHTING		Lighting des light fittings f WOLFSON Pendant ligh acceptable v	ign by Troup Bywaters + Anders o be allowed for in the cost plan LOUNGE and MAIN FULL HEIG ting that can either be lowered for vith the Trust's FM strategy.
WALL PROTECTION	Proprietary stainless steel handrails, crash rails and corner guards where required.				BEDROOMS	S D Accent / Feature Lighting with
SANITARYWARE	White sanitary fittings with coloured integrated plumbing system to WCs. As	-	Devision	Data	L D.	Amondarout
Hevision Date	By Amendment MS/JW/PH Draft issue for feasibility report		A	Date 01/06/2012	MS/.IW/PH	Amenament Draft issue for feasibility report

Revised for the Stage D Report

14/09/2012

RE/MS

nd in accordance with HTM 64 & the ut and Part M Doc where required for dual or low flush WC's to be specified nctional requirements are not likely to be

ctronic spout

ig as by Corian, Hi-Macs or approved

AND NURSE STATION neer. Hinges to be concealed. All ss steel. As by Martek or approved equal

by S+B UK Ltd or approved equal

ns, infusion suite and interview room. ided in laser cut stainless steel. As by

TURAL REQUIREMENTS

ed to provide the minimum possible depth on the ground and mezzanine levels. The o span between existing load bearing wall, tially be located subsequent to structure.

rs (TB+A). Set out below are specific

ed within ceiling voids over the bedrooms e considered to minimise any branching visible terminals are to be specified in Make allowance for specialty terminal

nders (TB+A). Set out below are speciality plan and subsequently designed by TB+A.

IEIGHT SPACE ed for cleaning or is installed at a height

with patient controlled settings

Draft issue for feasibility report Revised for the Stage D Report

14/09/2012

R

RE/MS





DevereuxArchitects

Appendix 3

Soffit Survey from Plowman Craven









DevereuxArchitects

CARTER CLACK

Index

Introduction 1.0

- **Existing Structural Details** 2.0
- Structural Form of The Building 3.0
- **Proposed Structural Alterations** 4.0
- 5.0 Assumptions
- 6.0 **Recommendations and next steps**

Appendix – Drawings

4013/S01 Mezzanines - Structural scheme

UCL

Leonard Wolfson Experimental Neurology Centre Refurbishment

Stage C Report - Structural Works

UCL Leonard Wolfson Experimental Neurology Centre Returbishment Stage C Report – Structural Works

Carter Clack Partnership Ltd Job No. 12:4031 – July 2012

UCL Leonard Wolfson Experimental Neurology Centre Returbishment Stage C Report – Structural Works

1.0 Introduction

It is proposed to refurbish the Leonard Wolfson Experimental Neurology Centre. UCL Estates have appointed Carter Clack as Structural Consultants for the project.

The scope of the structural work is as follows;

- Installation of new mezzanine floors between the ground and first floor levels.
- Review the support of the proposed new plant. ٠
- Design of Builders work in connection with the new services installation.

2.0 Existing Structural Details

We have received floor plans of the existing building and a survey of the area relevant to the proposed work. No structural drawings have been received and it is believed that none are available.

A visual inspection of the building has been undertaken of this part of the building.

3.0 Structural Form of the Building

From existing layout drawings and survey provided the structural form of the building cannot be determined. It could be a framed structure or possibly load bearing masonry has been used or maybe a combination of both. The visual inspection indicates that the building is a combination of load bearing masonry and steel framing.

Some of the floors can be seen to incorporate brick vaults possibly with steel beams but the exact composition of the floors cannot be determined from a visual inspection. The flooring over most of the ground floor area is timber and it seems likely that timber boards and joists have been laid on the vaulted brick floor. Some floor areas are more solid and do not appear to incorporate timber.

The form of the building structure is not however considered significant for the proposed refurbishment works except perhaps the floor construction.

4.0 Proposed Structural Works

4.1 Installation of new mezzanines.

It is proposed to install a new mezzanine structures between the ground and first floor levels.

brick walls.

The configuration of the mezzanine floor structure can be adapted to suit the services distribution routes. Services can be incorporated in the structural zone by running them parallel with the timber floor joists and providing holes in the steel beams as necessary. The steel beams in the scheme have been designed with some allowance for forming holes.

The depth of the mezzanine has been kept to minimum because of the limited headroom available for the mezzanines. The structural zone is 150mm.

Due to the configuration of the proposed new staircase, the steels for the smaller mezzanine are supported on steel posts down to ground floor level. At ground floor level, the load from these posts needs to be carried on the walls at basement level. These walls are almost directly under the posts but this will need to be verified and if necessary additional spreading structure added.

The mezzanines have been designed for an imposed loading of 2.5 Kn/m2.

Drawing 4013/S01 is attached showing a scheme for the formation of the mezzanine structures.

Support of the new plant 4.2

At the time of writing this report the proposed plant new plant locations has not been established.

structure will be required.

Builders work in connection with the services installation. 43

It is envisaged that some services will need to pass through elements of the existing structure. Where this occurs the structure

4

UCL Leonard Wolfson Experimental Neurology Centre Refurbishment Stage C Report – Structural Works

The mezzanine structures comprise timber floor joists supported on steel beams which sit, via concrete padstones, onto the existing

The plant will need to be located on areas that are capable of carrying the additional loads and if necessary additional support

> Carter Clack Partnership Ltd Job No. 12:4031 – July 2012

UCL Leonard Wolfson Experimental Neurology Centre Returbishment Stage C Report – Structural Works

will need to be reviewed and framing or beams provided as necessary. At this stage no details of the proposed service routes are available.

4.4 Support of the new staircase

The new feature staircase is shown such that it will need to take support on the edge of the mezzanine and also at ground floor level. The mezzanine steel can be designed accordingly but the bottom of the stair will need to be supported on the ground floor slab. As noted above, the ground floor slab comprises timber joists on a brick vaulted floor. Any loads will therefore have to be carefully located and spread onto the floor such that the floor elements are not overstressed.

5.0 Assumptions

It has been assumed that the existing masonry walls can carry the proposed loads from the new mezzanine structures. Preliminary checks and a visual inspection have been undertaken but the details will need to be confirmed on site.

The mezzanine and the proposed proprietary new staircase will have some large members that will need to be brought to site. It has been assumed that this will be possible but when the site constraints have been established some modification of the designs may be required.

6.0 Recommendations and Next Steps

Although the proposals are considered feasible, the designs will need to co-ordinated and progressed further in conjunction with the other Consultants.

Although a site visit has been undertaken, some discreet opening up will be required to establish existing structural details in key areas. In particular the ground floor will need to be looked at where it is proposed to support the new stairs.

The structural schemes produced so far will need to be developed to include services requirements. It is anticipated that holes will be required through some mezzanine beams and possible in the existing fabric of the building.



	NOTES		
24 8 400 05	I. This drawing is copyright. @		
DISTS	2. The drawing shall be read in a	conjunction with	a -
	3 The drame shall not be end	nakots. Ni use nelvika	
	 The organisy shall not be scal dimensions. All dimensions are levels in meters. 	es; use onyng słown in milime	inos tres and
	 Dimensions and conditions si Any discrepancies between the conditions shall be brought to th Dingmeen for resolution prior to construction. 	tal be venfied o drawing and site he attention of t placing orders o	n site. s the or to
	 All work skall comply with the the respirements of the local au Practice and Dirtish Standards. 	Building regula thority, current	tions and Codes of
	G. Mezzanne floor designed for 2.5kN / m² .	ar imposed lea	ding of
	 Flaor jarsts to be doubled up partitions. 	r below propose	sd
	8. Steel grade 5275.		
	9. 440x100x215 DP mass-com provided at all steel wall bearing	orete pudstone p - U.N.O	s to be
	former to the second	10	
	PRELIMI	NARY	7
	lasoned tooned	20	
			- 1
	173 Reveal as clouded	2803/12 FD	
	P2 Added sections	200712 10	
	FZ Addd SEDOIS Rev	2010711.2 FD Date By	Approvesi
	FZ Added sections Rev The drawing is not to be used for constr Security:	2007/12 PD Date By	Approvesi I approvesi.
	Rev The drawing is not to be intenfor conto Signiture	20107/1.2 PD Date By witten wittes super-	Approvesi I approvesi. Isi
	Tev The drawing is not to be used for costs Signature CORSULTING EVISIONETER	2007/12 PD Date By utton wites super r Oads. Pirtnening 1 CLAC 5 4 DESIGNERS	Approved Lapproved. 2d CK
	The drawing is not to be assertioned Signature	2007112 ro Date By steen wites synew r Oach Pictnening I CLAC 5 4 DESIGNORS or Losson SWI D2D 7233 071	Approved Lapproved. Lat CK P 3RF 14
	The drawing is not to be assertioned Signature	2007/12 P2 Date By Auton witten styres Clask Partnership I Clask Partnership I Clask Partnership I Clask Charles F 4 DESIGNERS F 4 DESIGNERS F 1 DESIGNERS F 1 DESIGNERS F 2 DE	Approved Lapproved La CK P 3RF 14
	12 Added sectores Tev The drawing is not to be used for accelor Signature	2007112 10 Date By Date By Clack Partnering C L LACC 5 4 DESIGNERS of DESIGNERS of DESIGNERS of DESIGNERS of DESIGNERS of DESIGNERS of DESIGNERS of DESIGNERS DISCOMPTION DISC	Approved Lapproved. Lad CK P 3RF L4 ENTAL ENT
	The drawing is not to be used to cost Signature	2007112 10 Date By Clade Partnership Clade Partnership Clade Partnership Clade Partnership Clade Partnership Clade Dissider Clade Dissider Cl	Approved interproved. 25 P 3 RF 14 ENTAL ENT
	12 Added sectores Tev The drawing is not to be used for costor Signature	2007112 17 Date By Attan wittes super- Cack Pathemyp 1 CLACESIGADESE of DESIGADESE of DESI	Approved Approved 3.20 CK P 3RF 1.4 ENTAL ENTAL





DevereuxArchitects



NOTE: ALL LIGHTING LEVELS HAVE BEEN SELECTED FROM CIBSE LIGHTING GUIDE 2

l					
	revision	dcc			description
	TR	OUP		Project	UCL LWENC
	BY	WAT	ERS	Title	NHNN ALBANY WING GROUND
Bringing Buildings to Life since 1958		IDER:	S		FLOOR LIGHTING LEVELS DIAG

		drwn by		checked	date
drawn by	date			checked	scale
	JUL	Y 2012			1:100 @ A3
file name	drawing no.				
	LE ²	1411/ST	G-	C/E/SK00	1
	drawn by file name	drawn by JUL file name LE4	drawn by date JULY 2012 file name drawing no. LE4411/ST	drwn by drawn by JULY 2012 file name drawing no. LE4411/STG-	drwn by checked drawn by date checked JULY 2012 file name drawing no. LE4411/STG-C/E/SK00



NOTE: ALL LIGHTING LEVELS HAVE BEEN SELECTED FROM CIBSE LIGHTING GUIDE 2

	revision	dcc			description
	TR	OUP		Project	UCL LWENC
	BY	WATI	ERS	Title	
Bringing Buildings to Life since 1958		IDERS	5		LEVELS DIAGRAM

			drwn by	'	checked	date
	drawn by		date		checked	scale
ND		JU	LY 2012			1:100 @ A3
NG	file name	dra	drawing no.			
		LE	4411/ST	G-	-C/E/SK00	2



NOTE:

NEW DISTRIBUTION BOARD REF LWENC/LP1 TO BE CONNECTED TO EXISTING 800A TPN RISING BUSBAR. THIS BUSBAR IS CONNECTED TO THE ESSENTIAL SERVICES SECTION OF THE MAIN LV PANEL. THEREFORE THE WHOLE FACILITY IS PROVIDED WITH 100% STANDBY POWER.

	revision	dcc			description
	TR	OUP		Project	UCL LWENC
	BY	WAT	ERS	Title	NHNN ALBANY WING GROUND
Bringing Buildings to Life since 1958	+ AN	IDERS	5		DIAGRAM

			drwn by		checked	date
	drawn by		date		checked	scale
ND		JUI	Y 2012			1:100 @ A3
RD ZONE	file name	drav	awing no.			
		LE4	4411/ST	G-	C/E/SK00	3

-NEW DISTRIBUTION BOARD FOR UCLH CIRCUITS -NEW DISTRIBUTION BOARD LWENC/LP1 FED FROM EXISTING 800A RISING BUSBAR



POWER OUTLET PROVISION TABLE

- 1. GENERAL PURPOSE WALL MOUNTED OUTLETS & DESK MOUNTED OUTLETS FOR RECEPTION DESK
- 2. BEDHEAD TRUNKING MOUNTED OUTLETS TO SUIT COUCH POSITIONS
- 3. GENERAL PURPOSE WALL MOUNTED OUTLETS
- 4. BEDHEAD TRUNKING MOUNTED OUTLETS & GENERAL PURPOSE OUTLETS
- 5. DADO TRUNKING MOUNTED OUTLETS
- 6. WALL MOUNTED OUTLETS

×

- 7. SPECIALIST POWER OUTLETS FOR IT EQUIPMENT (TBC)
- 8. GENERAL PURPOSE CLEANERS OUTLETS
- DENOTES METAL FINISH OUTLETS (ALL OTHER AREAS WHITE PLASTIC)

	revision	dcc			description
	TR	OUP		Project	UCL LWENC
	BY	WATI	ERS	Title	NHNN ALBANY WING GROU
Bringing Buildings to Life since 1958	+ AN	IDERS	S		FLOOR SMALL POWER PRO
2			_	L	

		drwn by	'	checked	date
drawn by		date		checked	scale
	JU	LY 2012			1:100 @ A3
file name	dra	wing no.			
	LE	4411/ST	G-	C/E/SK004	4
	drawn by file name	drawn by JU file name dra	drwn by drawn by date JULY 2012 file name drawing no. LE4411/ST	drwn by drawn by drawn by date JULY 2012 file name drawing no. LE4411/STG-	drwn by checked drawn by date checked JULY 2012 file name drawing no. LE4411/STG-C/E/SK004



POWER OUTLET PROVISION TABLE

- 8. GENERAL PURPOSE CLEANERS OUTLETS
- 9. WALL MOUNTED POWER OUTLETS TO SUIT BEVERAGE EQUIPMENT
- 10. PERIMETER DADO TRUNKING OUTLETS TO SUIT DESK LAYOUT ALL OUTLETS ON THIS LEVEL ARE WHITE PLASTIC

	revision	dcc			description
	TR	OUP		Project	UCL LWENC
	BY	WAT	ERS	Title	NHNN ALBANY WING GROU
Bringing Buildings to Life since 1958	+ AN	IDERS	5		PROVISION

n			drwn by		checked	date
	drawn by		date		checked	scale
UND		JUI	LY 2012			1:100 @ A3
L POWER	file name	name drawing no.				
			4411/ST	G-	C/E/SK00	5



Bringing Buildings to Life since 1958	Ŧ	AND

description		drwn b	y check	ed	date	
UCL LWENC	drawn by	date	checke	ed	scale	
NHNN ALBANY WING GROUND		JULY 2012	JULY 2012 1			
FLOOR PATIENT CALL SYSTEM	file name	drawing no.				
ZUNES		LE4411/S	TG-C/E/SI	K00	6	



n			drwn by	'	checked	date	
	drawn by		date		checked	scale	
		JULY 2012				1:100 @ A3	
UND I DIAGRAM	File name dr		drawing no.				
		LE	4411/ST	G-	C/E/SK00	7	



n			drwn by	′	checked	date
	drawn by	date		checked		scale
DUND		JULY 2012				1:100 @ A3
CTION	file name	drawing no.				
		LE	4411/ST	G-	C/E/SK00	8



n			drwn by	'	checked	date	
	drawn by	date		date checked		scale	
		JULY 2012				1:100 @ A3	
ALARM	ARM file name dra		drawing no.				
			4411/51	G-	-C/E/SK00	9	



revision	dcc			description	drwn by	checked	date	
TRO	OUP	[Project	UCL LWENC	drawn by	date	checked	scale
			•			JULY 2012		1:100 @ A3
BIV	BIVVAIERS				file name	drawing no.	rawing no.	
Bringing Buildings to Life since 1958 + AN	DERS					LE4411/STC	G-C/E/SK01	0



l					
	revision	dcc			description
	TR	OUP		Project	UCL LWENC ALBANY WING
	B۲	WAT	ERS	Title	MECHANICAL SERVICES
Bringing Buildings to Life since 1958	+ AN	IDER:	S		GROUND FLOOR HVAC LAYOUT

n			drwn by	′	checked	date
3	drawn by	date			checked	scale
	JNG	11/	07/2012			1:100 @ A3
	file name	dra	wing no.			
		LE	4411-8	ST	G-C-M-S	SK001
]						



n			drwn by	/	checked	date
3	drawn by	date		(checked	scale
	JNG	11/	07/2012			1:100 @ A3
	file name	drawing no.				
	IH	LE	4411-8	ST	G-C-M-	SK002
	·					



		BYWATERS
Bringing Buildings to Life since 1958	+	ANDERS

Title

MECHANICAL SERVICES GROUND FLOOR

LTHW LAYOUT

		drwn by	checked	date
drawn by	date		checked	scale
JNG	11/	07/2012	IH	1:100 @ A3
file name	dra	wing no.		
	LE	4411-8	STG-C-M-	SK003
	drawn by JNG file name	drawn by JNG 11/ file name dra	drwn by drawn by JNG 11/07/2012 file name LE4411-S	drwn by checked drawn by date checked JNG 11/07/2012 IH file name drawing no. LE4411-STG-C-M-4



	revision	dcc			description
	TR	OUP		Project	UCL LWENC ALBANY WING
	BY	WAT	ERS	Title	MECHANICAL SERVICES
Bringing Buildings to Life since 1958		IDER:	S		MEZZANINE FLOOR LTHW LAYOUT

n			drwn by	' cl	hecked	date
G	drawn by		date	ch	ecked	scale
	JNG	11/	07/2012		IH	1:100 @ A3
	file name	dra	wing no.			
		LE	4411-8	STG	-C-M-	SK004



n			drwn by	/ 0	checked	date
_	[
G	drawn by		date	cł	necked	scale
	JNG	11/	07/2012		IH	1:100 @ A3
	file name	dra	wing no.			
-		LE	4411-8	STO	G-C-M-S	SK005
	•					



description			drwn by	checked	date		
UCL LWENC ALBANY WING	drawn by	date		checked	scale		
	JNG	11/07/2012		IH	1:100 @ A3		
	file name	drav	drawing no.				
POTABLE WATER LAYOUT		LE4411-STG-C-M-SK006					



n			drwn by		checked	date
1						
6	drawn by	date		(checked	scale
	JNG	11/	07/2012		IH	1:100 @ A3
	file name	drawing no.				
		LE4411-STG-C-M-SK007				



BYWATERS	Title
Bringing Buildings to Life since 1958 + ANDERS	

n			drwn by	checked	date	
NG	drawn by	date		checked	scale	
	JNG	11/	07/2012	IH	1:100 @ A3	
	file name	drawing no.				
		LE4411-STG-C-M-SK008				

MECHANICAL SERVICES MEZZANINE FLOOR

DRAINAGE LAYOUT





DevereuxArchitects

Pre application advice for LWENC at Albany Wing, Queens Square Gardens (ref: CA\2012\ENQ\05361)

Dear Royden

Please find below the pre application advice for your proposals. Apologies for the delay in responding and thank you for your patience.

This part of the hospital dates from 1883-5 and is grade II listed. The area affected by the proposals is accessed from the entrance foyer which still maintains its historic character, however once you pass through the double doors the space becomes much less grandiose and is much more altered in terms of modern partitions and services.

The main areas of historic interest are the existing waiting room (which contain original features including a fire place) and the existing out patient gym.

The gym features some historic detailing (for instance around window openings) but nothing which is particularly grand; it is most notable for its scale and volume which relates well to the size and height of the windows. This area is not so significant that it could not be subdivided, however any proposal would need to be carefully considered so that it respects and reveals the original sense of space.

Your proposals show that the interventions in this space would be clearly modern and would generally be lightweight. Generally this approach should be acceptable; however concerns are raised by the partitioning proposed for the bedrooms which appear much more solid. It is appreciated that these may require a greater degree of privacy but the high level partitioning should at least be substantially glazed.

Two areas a of mezzanine level are proposed, both are located in areas already subdivided with modern partitions and finishes and as such in principle no objection would be raised to this element of the proposals.

It is not clear exactly how the stair would be detailed and supported but it should not be infilled underneath to create a solid structure covering over windows. In the application you would need to clearly show this relationship on the drawings.

Please note that the advice set out in this e-mail is the advice of an officer and is without prejudice to further consideration of this matter by the Development Management Section or to the Council's formal decision.

I hope that this information is helpful but if you require any clarification please do not hesitate to contact me.

Regards

Alan Wito MSc, BSc (Hons), IHBC Senior Planner (Conservation) Regeneration and Planning Culture and Environment London Borough of Camden

Telephone: 020 7974 6392 Web: camden.gov.uk

6th Floor Town Hall Extension (Culture and Environment) Argyle Street London WC1H 8EQ