Fig 53C. Iconography of empire and animals: Africa House Kingsway

Fig 53D. Animal effigies and protest: the "Brown Dog" riots, 1907

Fig 53E. Ceremonial burning of vermin as part of anti-slum campaign of Somers Town Housing Association, 1931

Fig 53F. Decoration at LSHTM

Gazetteer

In the following section of the Plan we set out the draft gazetteer for individual spaces within the building. Spaces have been categorised as “highly significant”, “significant” or “neutral“.

- Highly significant spaces are those where the 1929 fabric is wholly or largely intact. Such areas should be conserved and original features repaired or replaced to match as closely as possible.

- Significant spaces are those where some elements of the 1929 fabric are intact. In such areas original elements should be conserved and repaired wherever possible.

- Neutral spaces are those where no elements of 1929 fabric remain.

In the Policies section of the Plan we propose ways in which the needs of conservation can be balanced against the School’s need to adapt and modify its building in the future.

In the accompanying floor plans we show the distribution of the three categories of “significance” across the building.

Heritage significance

Fig 54. Lower ground floor

Heritage significance

Fig 55. Ground floor

Heritage significance

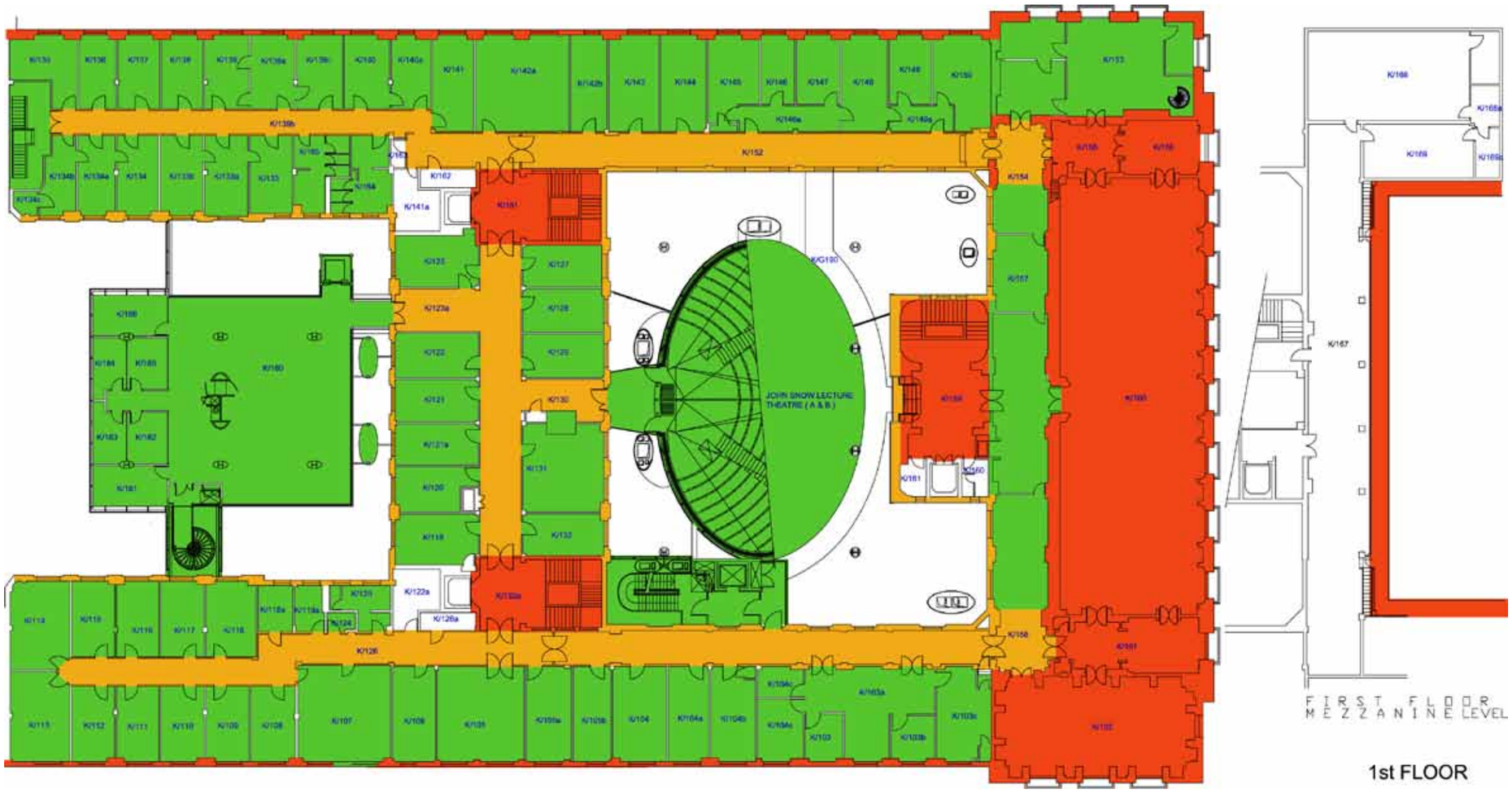


Fig 56. First floor

Heritage significance

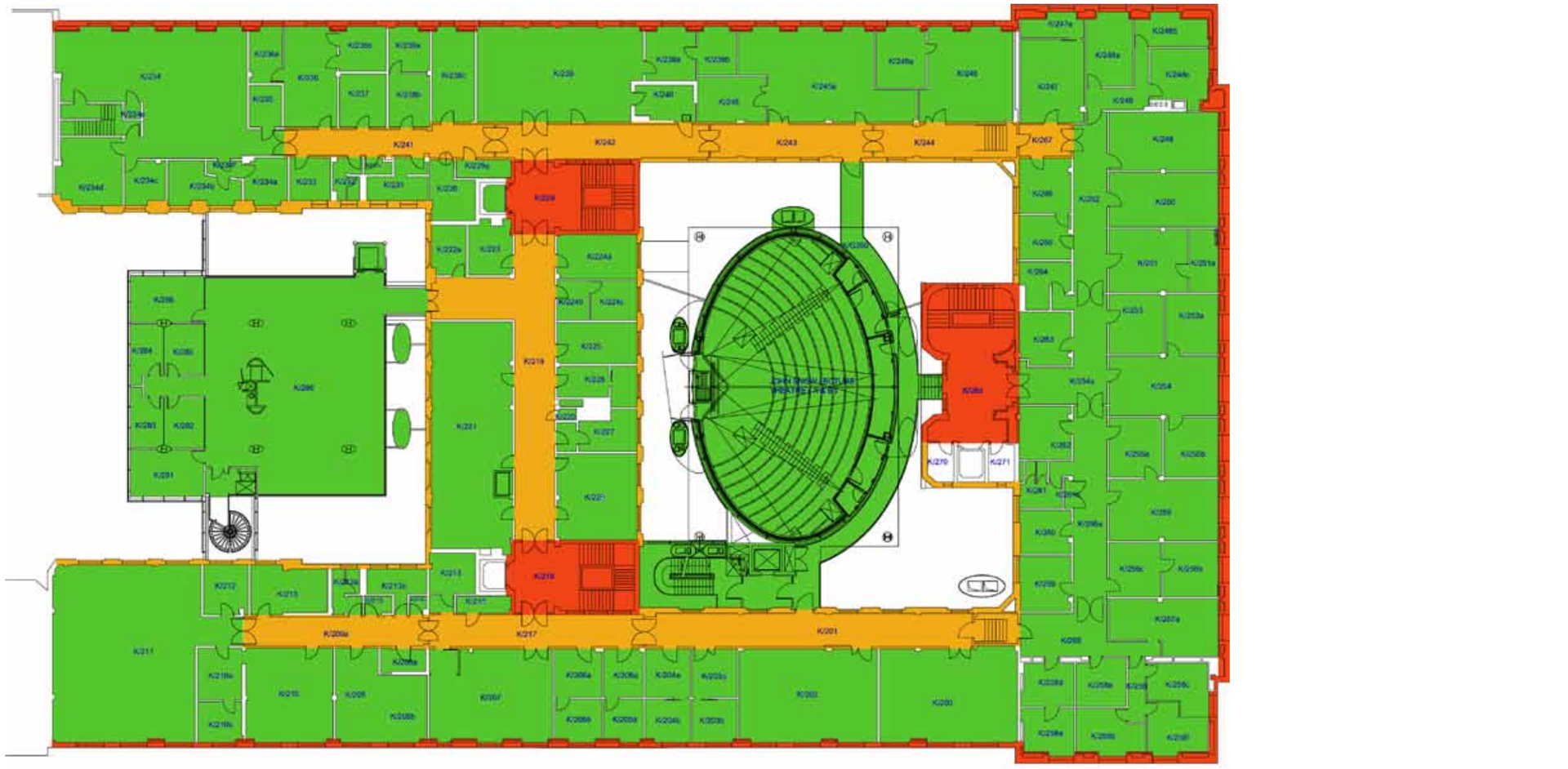


Fig 57. Second floor

Heritage significance

Fig 58. Third floor

Heritage significance

Fig 59. Fourth floor

neutral

significant

highly significant

Heritage significance

Fig 60. Fifth floor

Fig 61. Sixth floor

Gazetteer of heritage significance

Location	Significance	Original use	Current use	Notes
Basement				
B 01-13	no access			
B14-19	neutral	stores ?	Offices and workshops. These appear to have been rebuilt at a lower level after second world war damage.	See GA1
Vaults				
V01-15	neutral	vaults	No access	See GA2
V16-32	neutral	vaults	insectaries	See GA3
V33-55	neutral	vaults	services	See GA4
Lower ground floor				
LG 01-10	neutral	former courtyard and lecture theatre	Admin, meeting and teaching. Refurbished as part of south courtyard project	See GA5: computer room LG02, part of south court refurbishment.
LG 11-18	neutral	Toilets, lockers, laundry etc.	Labs, WCs, stores	See GA 6, original riser cupboard
LG 19-24	neutral	Photography, X-ray, constant temperature rooms	Admin and academic offices	
LG25	neutral	Museum extension	Common room	
LG 26	neutral	Museum extension	restaurant	See GA 7
LG 27-31	Neutral	Lockers, publications, amenity rooms	Offices, stores, computer room, corridor	
LG 31a	significant	Stair hall	Stair hall	
LG 32-33	Neutral	Toilets and services	No access	
LG 34-35	neutral	Toilets	Offices and toilets	
LG 35a	significant	corridor	corridor	
LG 36-38	neutral	Services, workshops	Admin and academic offices and meeting rooms	
LG 43abc	neutral	Toilets	Toilets	See GA 8: original wash basins ?
LG 52	Highly significant		Stair hall	
LG 53-54	Neutral	Stores ?	Procurement office and delivery bay. These appear to have been rebuilt at a lower level after second world war damage	
LG 55	significant	corridor	corridor	See GA 9: original joinery and riser
LG 56 -57	neutral	External space	Corridor and store	Part of north courtyard refurbishment. Note art installation in this area.
LG 61	significant	corridor	corridor	Retains original doors and joinery
LG 62-65	neutral	X-ray room and museum extension	plant	
LG 67-68	neutral	X-ray room and museum extension	WCs and stores	
LG 70-73	No access	Plant		
LG 74-75	No access	Kitchen	Kitchen	
LG 76-77	No access	Laboratory and lecturer's room		
LG 78-79	No access	Not known	Not known	
LG 80	neutral	courtyard	Admin, teaching and meeting spaces	Refurbished as part of north courtyard refurbishment
LG 81-85	neutral	courtyard	Admin, teaching and meeting spaces	Refurbished as part of north courtyard project
LG 89	neutral	courtyard	Lobby to restaurant	Refurbished as part of north courtyard project

Ground floor				
G 01	Highly significant	Entrance, stair and lift hall	Entrance, stair and lift hall	Modifications to reception desk, entrance lobby and entrance to original lecture theatre, but the basic form of the space and its finishes are unaltered.
G 02	Significant	Reception and accountant	Reception desk and office	Altered to enlarge reception area and reduce size of accountant's room
G 03	Significant	Accountant	office	See GA 10 with original shelving in niche at side of fireplace
G0 4-05	Highly significant	Board room and staff common room	offices	Panelling and doors remain. GA11, GA12 show double door to staff room and doors to corridor
G 04a	Highly significant	coridor	corridor	Original terrazzo wall finishes and skirting details remain: see GA13
G0 07-08	Neutral	Refreshment room, servery	offices	Dumb waiter shafts remain from basement kitchen . See GA 14
G 09- 18	neutral	??	Offices and WCs	Note original "private" sign on door. G17a: see GA15
G 19-20	neutral	??	offices	
G 20b	significant	corridor	corridor	Original floor and joinery remain.
G21-29	neutral	??	offices	
G 29a	neutral	corridor	corridor	
G 30-37	neutral	??	offices	
G 38	significant	corridor	corridor	Original floor and joinery remain
G 39-41	neutral	??	offices	
G 42-44	Highly significant	Director's offices	Director's offices	Original finishes and fittings remain: see GA 16-26
G 45	Highly significant	Entrance porch	entrance porch	Original outer doors remain but curved sliding doors added
G 46	neutral	cupboard	cupboard	
G 47	Highly significant	General office	office	Office subdivided from original larger room. Joinery details remain, including blanked-off door to entrance hall : see GA27-28
G 49	Highly significant	corridor	corridor	Original joinery, flooring (?) and ironmongery remain: see GA 27
G 50	Highly significant	corridor	corridor	Original details, joinery and finishes remain
G 51	neutral	toilets	offices	
G 52-53	neutral	toilets	toilets	
G 56	neutral	services	Store/services ?	
G 57	neutral	services	Store/services ?	
G 58	neutral	toilets	toilets	
G 59	Highly	corridor	corridor	Original details, joinery and

	significant			finishes remain
G 60	significant	corridor	Corridor	Original details, joinery and finishes remain
G 61	Highly significant	Stair hall	Stair hall	Original details and finishes remain
G 63-64	neutral	No access	offices	
G 65	neutral	No access	stairs	
G 66-69	neutral	No access	offices	
G 70	neutral	??	office	Mezzanine constructed in post-war rebuilding
G 71	neutral	stairs	stairs	
G 72	neutral	??	office	Mezzanine constructed in post-war rebuilding
G 73	neutral	??	office	Mezzanine constructed in post-war rebuilding
G 74-75	neutral	??	office	Mezzanine constructed in post-war rebuilding
G 80	neutral	Open courtyard	breakout	Part of north courtyard refurbishment
G 81-84	neutral	Open courtyard	offices	Part of north courtyard refurbishment
G 85	neutral	Open courtyard	meeting	Part of north courtyard refurbishment
G 90	neutral	Open courtyard	office	Part of south courtyard refurbishment

First floor				
100-102	Highly significant	library	library	Original finishes and fittings remain: see GA30 56 and photos 13 01 29
103-119	neutral	??	offices	See GA 59, 61
120- 123	neutral	??	offices	
123a	significant	corridor	corridor	Original finishes and joinery remain
126	significant	corridor	corridor	Original finishes and joinery remain: see GA 60, 62
127-132	neutral	??	offices	
132a	Highly significant	Stair hall	Stair hall	Original details and finishes remain
133-138	neutral	??	offices	
139b	significant	corridor	corridor	Original finishes and joinery remain: see GA 57
140-153	neutral	??	offices	
152	significant	corridor	corridor	Original finishes and joinery remain: see GA 58
151	Highly significant	Stair hall	Stair hall	Original details and finishes remain
154	neutral	services	services	
155-156	neutral	toilets	toilets	
160 and 170	Highly significant	Stair hall	Stair hall	Original details and finishes remain
161-162	neutral	library	library	Original arrangement, finishes etc. altered
163-164	Highly significant	??	library	Original joinery and finishes remain, though some areas altered: see GA 28-29
165	Highly significant	library	library	Original scheme of finishes, joinery and decoration largely intact: see photos 13 01 29
166-168	Highly significant	library	library	Original joinery and finishes remain
169	neutral	library	library	Original arrangement, finishes etc. altered
171-172	neutral	??	Library mezzanine	Modified 1970s, date TBC
180-186	neutral	North courtyard	offices	Part of north courtyard refurbishment

Second floor				
200	neutral	laboratory	laboratory	
201	significant	corridor	corridor	Some original details remain
202-209	neutral	??	?	
209a	significant	corridor	corridor	Some original details remain
213 a-c	neutral	??	services	
214	neutral	??	?	
215	neutral	??	?	
216	Neutral	Services riser ?	services riser ?	
217	significant	corridor	corridor	Some original details remain
218	Highly significant	Stair hall	Stair hall	Original details and finishes remain
219	neutral	corridor	corridor	
220	neutral	services	Services ?	
221-228	Neutral	??	Offices ?	
229	Highly significant	Stair hall	Stair hall	Original details and finishes remain
229a	neutral	services	services	
230-240	neutral	laboratories	Laboratories and offices	
241	significant	corridor	corridor	Some original details remain
242-244	significant	corridor	corridor	Some original details remain
245-251	neutral	Research rooms and museum	Laboratories and offices	247-251 are part of refurbishment of former museum
252	neutral	museum	corridor	
253-254	neutral	museum	Offices ?	
254a	neutral	museum	corridor	Entrance doors to museum remain: see GA63
255-256	neutral	museum	offices	
256a	neutral	museum	corridor	
257-260	neutral	museum	Offices ?	
261	neutral	museum	toilets	
262	neutral	museum	Office ?	
263-264	neutral	museum	offices	
264b	neutral	museum	Services ?	
265-266	neutral	museum	offices	
267	significant	museum	corridor	Some original details remain
268	significant	museum	corridor	Some original details remain
269	Highly significant	Stair hall	Stair hall	Original details and finishes remain
270-271	neutral	services	services	
280-286	neutral	North courtyard	offices	Part of north courtyard refurbishment
290-296	neutral	South courtyard	Lecture theatre and support spaces	Part of south courtyard refurbishment

Third floor				
301-315	neutral	??	Offices/labs	
316	significant	corridor	corridor	Some original details remain
317	neutral	toilets	Toilets ?	
318	neutral	?	?	
319	Highly significant	Stair hall	Stair hall	Original details and finishes remain
320	neutral	services	services	
321	neutral	?	?	
322-324	neutral	toilets	toilets	
325-334	neutral	?	Laboratories	
335		?	?	
336-340	neutral	?	laboratories	
341-342	significant	corridor	corridor	Some original details remain
343-353	neutral	Museum	Laboratories and academic	Part of refurbishment of former museum gallery
354	neutral	museum	corridor	Part of refurbishment of former museum gallery. For prize board see GA45
355	neutral	Museum	offices	Part of refurbishment of former museum gallery
357-361	neutral	Museum	offices	Part of refurbishment of former museum gallery
361a	neutral	Museum	corridor	Part of refurbishment of former museum gallery. For prize board and door to Stair hall see GA 64-66
362-367	neutral	Museum	offices	Part of refurbishment of former museum gallery
368	neutral	Museum	toilets	Part of refurbishment of former museum gallery
369-370	neutral	Museum	?	Part of refurbishment of former museum gallery
371	neutral	Museum	toilets	Part of refurbishment of former museum gallery
372-373	neutral	Museum	offices	Part of refurbishment of former museum gallery
377-378	Highly significant	Stair halls	Stair halls	Original details and finishes remain
380-385	neutral	North courtyard	offices	Part of north courtyard refurbishment
390-397	neutral	South courtyard	offices	Part of south courtyard refurbishment

Fourth floor				
400-402	neutral	Flat roof over museum	offices	1967 extension on roof of museum
403a	neutral	Flat roof over museum	corridor	1967 extension on roof of museum
404-409	neutral	Flat roof over museum	offices	1967 extension on roof of museum
409a	neutral	Flat roof over museum	corridor	1967 extension on roof of museum
410-415	neutral	Flat roof over museum	offices	1967 extension on roof of museum
416-417	neutral	Flat roof over museum	toilets	1967 extension on roof of museum
418-419	neutral	Flat roof over museum	office	1967 extension on roof of museum
420	neutral	Flat roof over Malet Street wing	Lab ?	197? extension on roof of Malet Street wing
421-429	neutral	Flat roof over Malet Street wing	Labs ?	197? extension on roof of Malet Street wing (except 421-422)
430			?	
440-443	neutral	Insectaries and animal houses	Offices ?	Rebuilt in various phases
444	neutral	animal houses	office	Converted to offices and laboratories: see GA51-53 for views of roof terrace on Gower Street
444a	neutral	animal houses	corridor	Converted to offices and laboratories
445	neutral	animal houses	office	Converted to offices and laboratories
445a	neutral	animal houses	corridor	Converted to offices and laboratories
446	neutral	animal houses	office	Converted to offices and laboratories
446a	neutral	animal houses	corridor	Converted to offices and laboratories
447	neutral	animal houses	office	Converted to offices and laboratories
447a	neutral	animal houses	corridor	Converted to offices and laboratories
448-449	neutral	animal houses	offices	Converted to offices and laboratories
449a	neutral	animal houses	corridor	Converted to offices and laboratories
450	neutral	animal houses	office	Converted to offices and laboratories
450a	neutral	animal houses	corridor	Converted to offices and laboratories
451	highly significant	Stair hall	Stair hall	Original details and finishes remain
452-453		animal houses	BSF	No access
454	neutral	insectaries	Plant room	Plant room added 1970s)date TBC): see GA67
455-456a	no access	animal houses	BSF	
457-467	no access	animal houses	BSF	
480-485	neutral	North courtyard	offices	Part of north courtyard refurbishment

Fifth floor				
533	significant		Stairs and landing	Part of extension of centre block towards Malet Street. Date ? See GA 54-55
Remainder of fifth floor		animal houses	BSF	No access to BSF. For roof level plant see GA55-60
Sixth floor				
603-604	significant		Stairs and landing	Part of extension of centre block towards Malet Street.
remainder				No access

Fig. G1 workshop, room B16

Fig. G2 vaults 1-15, Gower Street

Fig. G3 entrance to vaults 22-32, Malet Street

Fig. G4 vaults 39-51, Malet Street

Fig.G5 computer room LG02

Fig. G6 original riser, LG11

Fig. G7 restaurant, LG26

Fig. G8 original wash basins in LG43

Fig. G9 lower ground floor corridor

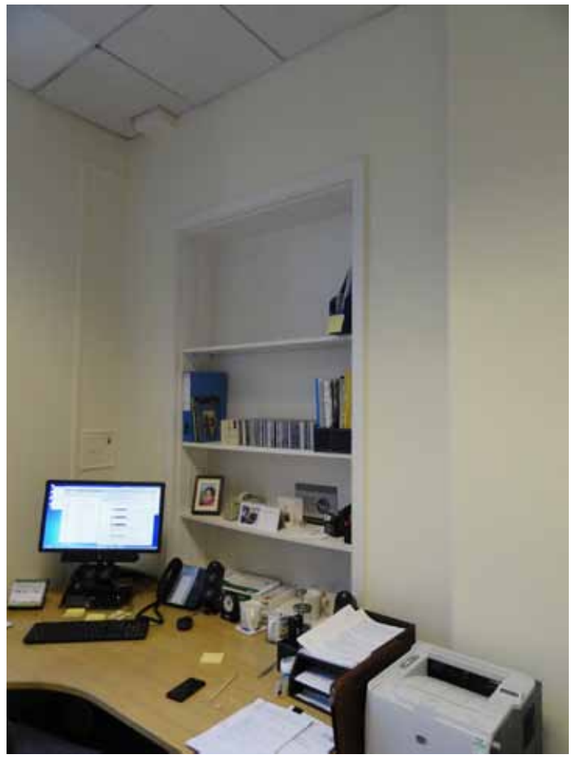


Fig. G10 accountant's office (G03), wirh original shelving niche

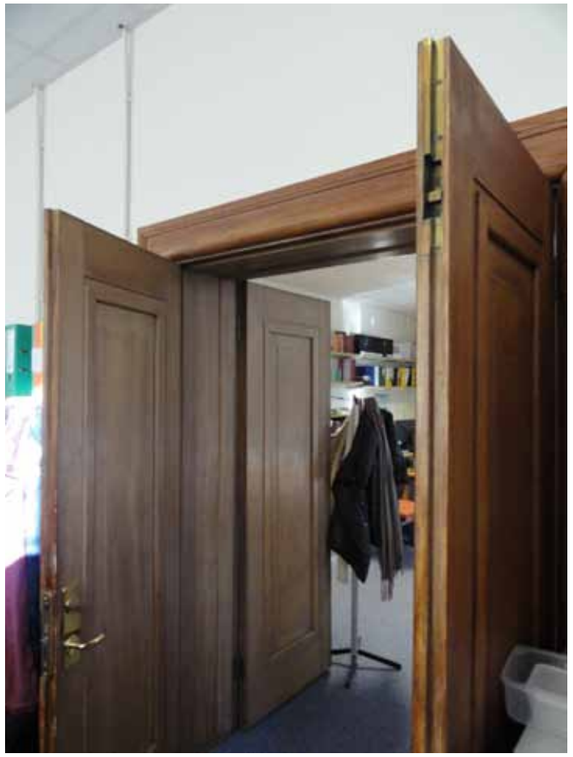


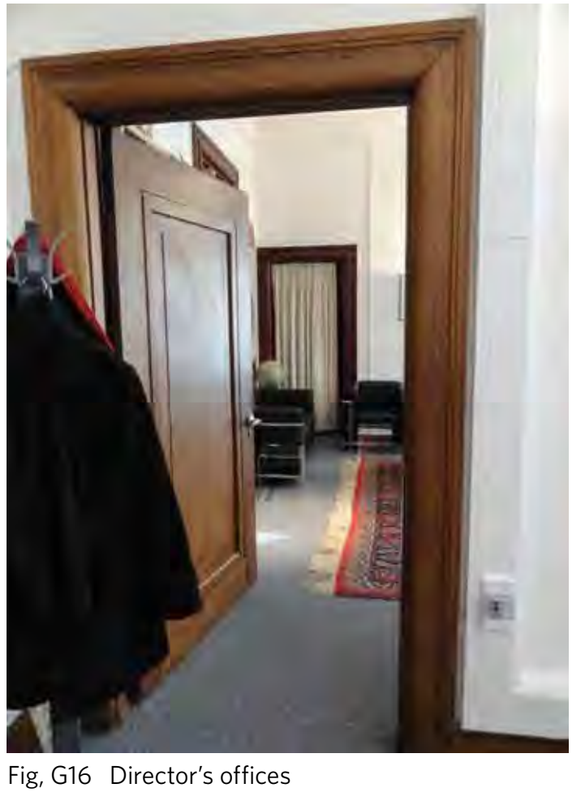
Fig. G11 doors between original board room and staff common room (G04-5)

Fig. G12 doors from original board room (G04) to corridor

Fig, G13 terrazzo wall finish in corridor G04a

Fig. G14 corridor G60

Fig. G15 sign on door to G17a



Fig, G16 Director's offices

Fig. G17 Director's offices

Fig. G18 Director's offices

Fig. G19 Director's offices

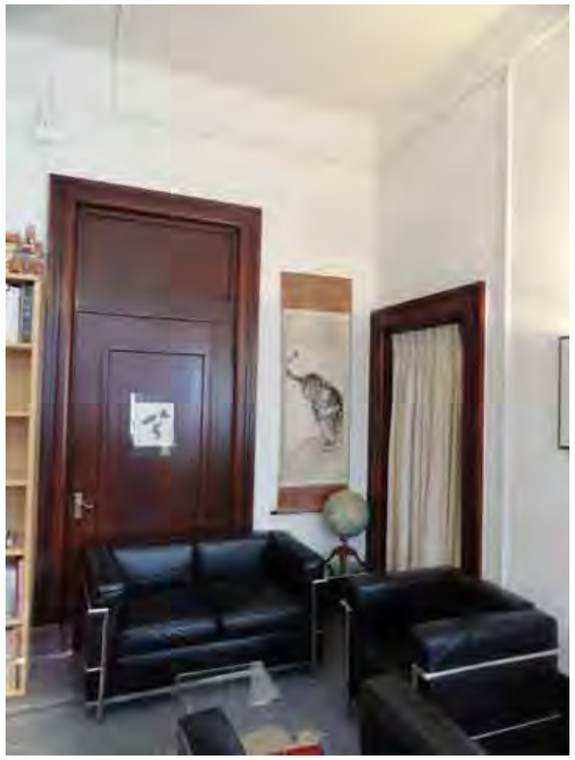


Fig. G20 Director's offices

Fig. G21 Director's offices

Fig. G22 Director's offices

Fig. G23 Director's offices

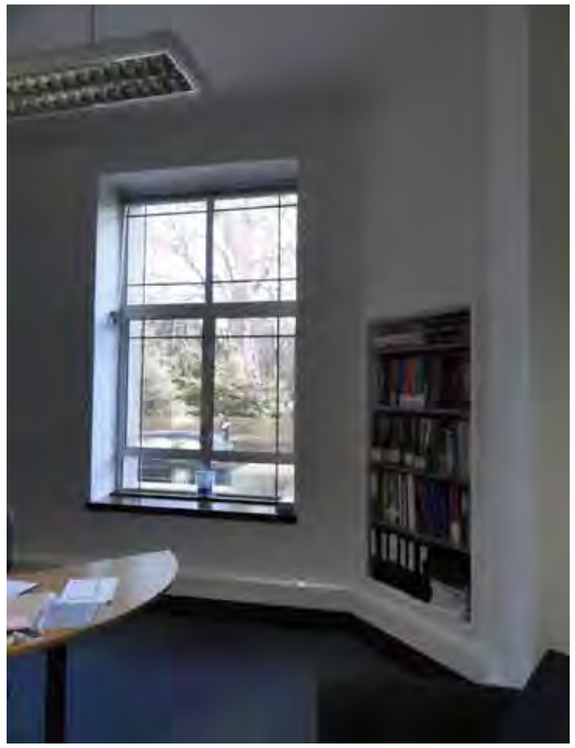


Fig. G24 Director's offices

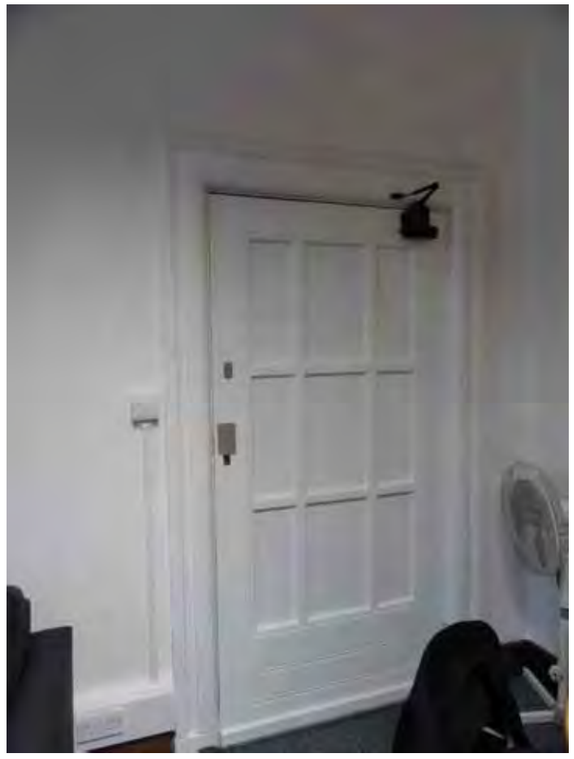


Fig. G25 Director's offices

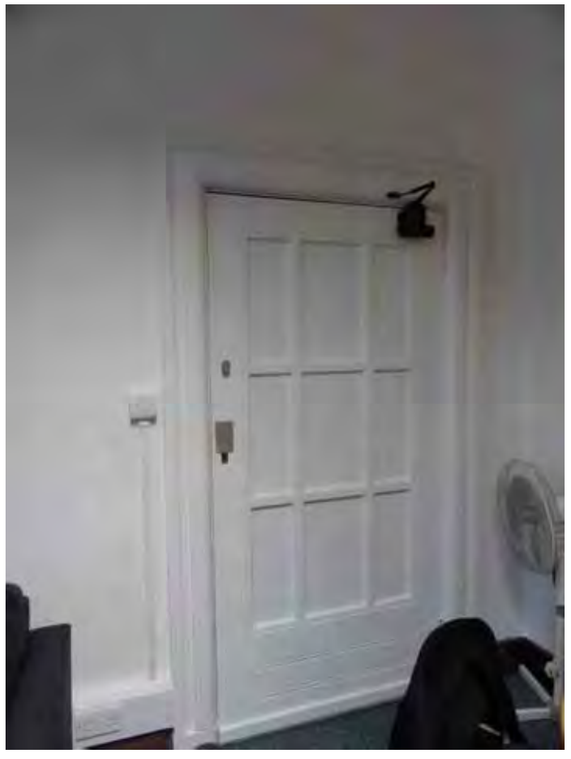


Fig. G26 Director's offices

Fig. GA 27 original ironmongery in corridor G49

Fig. GA 28 Original doors to Library at room 163

Fig. GA 29 Original doors to Library at room 163

Fig. GA 30 Library details

Fig. GA 31 original library signage

Fig. GA 32 original doors and added services in room 163

Fig. GA 33 Library room 102

Fig. GA 34 Library room 102

Fig. GA 35 Library room 102

Fig. GA36 original library signage

Fig. GA 37 Library room 102

Fig. GA 38 Library room 101

Fig. GA 39 Library room 101

Fig. GA 40
Library room 101

Fig. GA 41
Library lobby
168

Fig. GA 42 Library
room 100

Fig. GA 43 Library room 100

Fig. GA 44 Library room 100

Fig. GA 45 Library room 101

Fig. GA 46 Library balcony and the original clock

Fig. GA 47 original library doors room 100

Fig. GA 48 Library windows to Keppel Street

Fig. GA 49 Library room 100

Fig. GA 50 Library room 100, original flooring

Fig. GA 51 Library room 100, original flooring

Fig. GA 52 Original library furniture

Fig. GA 53 Original library furniture

Fig. GA 54 Original library furniture

Fig. GA 55 possibly original library desk

Fig. GA 56 original library furniture

Fig. GA 57 corridor 139b

Fig. GA 58 original services riser in corridor 152

Fig. GA 59 original doors to room 103

Fig. GA 60 corridor 126

Fig. GA 61
room 105

Fig. GA 62 corridor 126

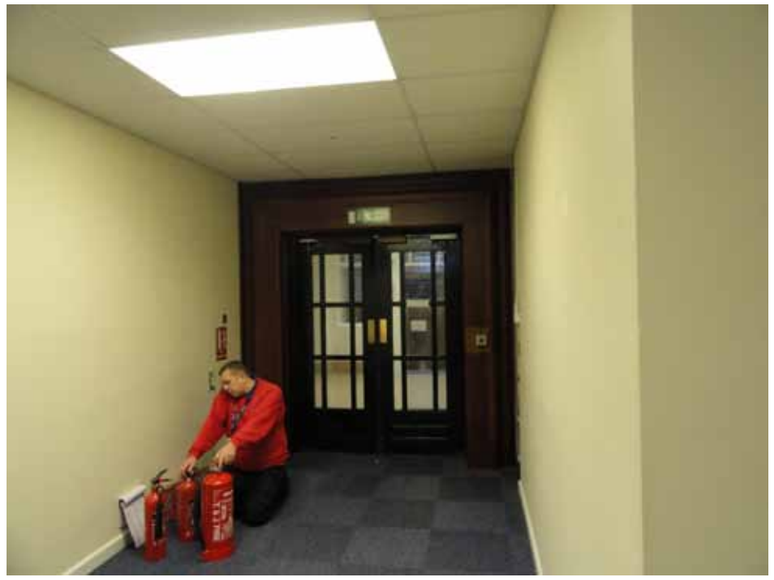


Fig. GA 63 entrance doors to former museum room 254a

Fig. GA 64 Honours board corridor 354

Fig. GA 65 Honours board corridor 361a

Fig. GA 66 entrance doors to former museum gallery room 361

Fig. GA 67 Plant room 454

Fig. GA 68 roof over third floor, Gower Street

Fig. GA 69 roof over third floor Gower Street south end

Fig. GA 70 roof over third floor Gower Street south end

Fig. GA 71 roof level plant Malet Street

Fig. GA 71 roof level plant looking west from Malet Street

Fig. GA 72 roof level plant Gower Street looking north

Fig. GA 73 roof level plant Gower Street looking north

Fig. GA 74 roof level plant looking north along Gower Street

Risks and opportunities

The creation of the London School of Hygiene and Tropical Medicine and the design of the Keppel Street building were, as we have seen, two aspects of a single process. The link between the institution and its building continues today. The location of the building in the centre of Bloomsbury and its continuing attractiveness, are key aspects of the School's identity and its ability to attract students, researchers and funding from all over the world. Maintaining the character of the building into the future is therefore a key issue for the School's corporate direction. In the following notes we discuss this issue in more detail.

1. Making more space

It is unlikely that any more space can be created within the Keppel Street building. Following the infill of the two courtyards there is no potential space for expansion within the plan of the building. In theory the building could be made taller but there are two major problems:

Firstly, the current top floor is an addition to the original structure and would probably need to be replaced to allow for further floors. The existing services installations at roof level would also need to be removed and replaced. All this would involve great disruption to the use and running of the School.

Secondly, an additional storey or storeys would be visible from the surrounding streets and would unbalance the composition of the block. The Malet Street and Gower Street facades are already higher than the 1929 scheme and some of the clarity of the original form of the building has been lost. Adding more floors would increase this problem. This is an issue for the surrounding area as well as for the LSHTM building. Senate House was designed in an idiom which closely matches that of the LSHTM building. Adding more floors would upset this shared townscape as well as the appearance of the LSHTM building itself, and it is probable that the planning authority would consider it as involving a serious loss of heritage significance.

2. Adapting existing spaces

We consider that this combination of practical difficulties and planning constraints makes it unlikely that proposals will be developed for adding more floors to the building. Future projects are more likely to involve:

- Replacing one use by another, within individual parts of the building. So for example individual offices may be combined to make shared workspaces, and vice versa. Laboratories may be replaced by offices and teaching rooms, and vice versa.

- Upgrading facilities and services in the building.

The Statement of Significance shows the extent of areas of "neutral" significance: in these areas modifications can be made without prejudicing the building's overall heritage significance. In fact the "neutral" areas are externsive and cover most of the building. Areas of significance or high significance are restricted to the following:

- The main entrance

- Corridors at lower ground, ground, and first and second floors, and part of the third floor

- The stairs (the main stair and the two subsidiary stairs) and their associated lobbies

- The ground floor rooms facing Keppel Street, including the Director's suite, the former accountants room, boardroom and staff room

- Main Library Room

- Library Gallery

There is a considerable degree of freedom in modifying, adapting and upgrading the neutral areas:

- Existing rooms be subdivided into smaller rooms, within the constraints of the window grid, and assuming that the proportions of narrow high-ceilinged rooms can be satisfactorily treated.

- Existing small rooms could be combined into large spaces.

- Vertical services risers could go from one floor to another of neutral spaces, bearing in mind the need to allow for flexibility in the future.

The constraints on this freedom are:

- Many neutral spaces open off "significant" or "highly significant" corridors, the joinery and finishes of which should be conserved and where necessary restored. Door joinery, fanlights, ironmongery details etc. belonging to the corridor will also extend into these neutral spaces.

- Most neutral spaces have outer walls that are part of the overall pattern of highly significant facades and their window detailing. The details of existing windows and cills therefore need to be conserved or restored, constraining the range of design solutions for adapting individual rooms.

- In the original design of the building the suspended ceilings in the corridors were the chief means of accommodating horizontal service runs. The basic configuration of these suspended ceilings can be kept, but it may be necessary to make more frequent access points. This would need to be designed in a consistent way, sympathetic to the original design.

Risks and opportunities (cont'd)

3. Maintaining heritage significance

Much of the historic fabric of the building has been carefully maintained and where necessary repaired in a sympathetic manner. This is particularly true of door joinery, fanlights etc.: the original 1929 pattern has been repaired, relocated or re-made on many occasions to suit changes to the building. The 1929 chrome ironmongery is fortunately very robust and much remains, sometimes repaired and adapted.

However there have been losses, for example:

- The entrance hall and the main stair have lost some of their original details as a consequence of the refurbishment of the south courtyard and the re-arrangement of circulation to the main lecture theatre, although this re-instated the original traffic patterns to the building.
- Adaptations to secondary areas of the library have led to a loss of original details and the obscuring of the original interior design by re-lighting, cabling and other services.
- Re-use of the original boardroom and staff common room as offices has obscured the high quality panelling and joinery in these rooms.
- Wiring and other services have been added to the significant and highly significant stairs and corridor spaces, often to the detriment of the historic character of the building.

Conservation Policies

1 Ownership:

The ownership of their main building should remain in the hands of the of the London School of Hygiene and Tropical Medicine while it remains in their sole use.

2 Professional advice:

The London School of Hygiene and Tropical Medicine should employ suitably accredited architects and draw on other professionals with appropriate specialist building conservation skills as necessary. In particular arrangements should be made for regular quinquennial inspections and for access to regular advice on constructional and repair issues, as they arise.

3 Statutory and legal requirements:

The London School of Hygiene and Tropical Medicine will comply with statutory and other legal requirements arising from the grade II listing of the building. They will continue to follow best practice, recognising the need for early consultation with local authorities (Camden Council) English Heritage and relevant amenity societies.

4 Conservation Area and Setting:

The London School of Hygiene and Tropical Medicine will always be considered part of the wider Bloomsbury townscape and decisions about the building must bear in mind its place in this townscape, which is also a designated Heritage Asset (The Bloomsbury Conservation Area). Similarly, decisions about the Conservation Area townscape must bear in mind the significance of the school. The guidance of the Bloomsbury Conservation Area Appraisal and Management Strategy (adopted April 11, 2011) should be considered and adhered to.

5 Responding to historical significance:

In areas of high significance, as defined in this Plan, significant elements will be retained; where possible intrusive and detracting elements will be removed; and where appropriate lost features will be restored, based on material evidence.

In areas of medium significance the historical and architectural character of significant elements will be respected. The retention of historic fabric will be a significant consideration for proposed interventions, as will the removal of intrusive additions. Restoration of lost features based on material evidence may also be considered.

In areas of neutral significance a more flexible approach will be adopted and alteration may be considered. Mitigation of losses of historic fabric by recording,re-use on site, or donation to a pubic collection may be acceptable.

More specifically:

- Significant and highly significant spaces should be repaired and maintained using original materials, details and colour schemes wherever possible.
- A design guide for neutral spaces which will ensure that incremental changes have a consistency and common language which complements that of significant and highly significant areas.
- A programme of paint research in significant and highly significant spaces should be carried out to inform a consistent future policy for re-decoration programmes.
- A programme for the replacement of light fittings sympathetic to the original design of he building should be developed.
- A conservation study of the library entrance sculpture should be commissioned to find out whether the paint can be removed.
- The existing patterns of door and fanlight joinery should be maintained in significant and highly significant areas
- Replacement chrome ironmongery (lever handles, grab handles etc.) should match the existing, for gradual replacement as needed.
- In conjunction with the overall strategy of space allocation, commission a feasibility study on the future use of the library and former boardroom and staff common room, which would maintain and enhance the original character of these spaces.

6 Archives:

The very well managed archives of the London School of Hygiene and Tropical Medicine should continue to maintain all relevant record information for the buildings.

7 External development:

Additional appropriate building development may be considered to the roof areas of the buildings, but not elsewhere. Any future development must take into account key view lines and the architectural context of the building.

8 Conservation principles:

All works, from maintenance and upgrading through to large-scale interventions, will aim to comply with the following conservation principles:

- To respect the evolution of the London School of Hygiene and Tropical Medicine and its many historical layers
- To retain historically significant fabric, finishes and decorations wherever possible
- To use materials and techniques compatible with historic construction, and to a high conservation standard
- To carry out alterations in a manner which allows them to be reversible in the future
- To respect the character of areas of medium and high historical significance
- To replace significant fabric and detail on a like-for-like basis when required
- To record any features which have to be removed or demolished, and salvage and store them wherever possible.

9 Access:

Future proposals will address the requirements of the Disability Discrimination Act 2005, providing reasonable and dignified access to all users through an access management strategy; and will comply with Part M (disabled access) of the Building Regulations wherever possible. Proposals for improved access will not be visually intrusive and their impact on the historic building will be minimised.

10 Building services:

- Existing services installations (mechanical, electrical, telecoms, fire, security) will be tested as part of regular maintenance procedures.
- Fittings of historical interest, such as cast-iron radiators and light fittings will be considered for retention, in the context of the detailed room-by-room gazetteer.
- Surface mounted service installations should be removed and concealed where possible from significant and highly significant areas.
- New services will be concealed within the voids of the historic fabric where possible
- New visible services (CCTV, smoke detectors etc.) will be unobtrusive in design

11 Fire management:

A fire management strategy should take into account the need to protect the historic fabric.

12 Information and signage:

Signage will be kept to a minimum. Its design and placing will be sensitive to its location and architectural features, and take into account the needs of the visually impaired.

13 Maintenance:

- The LSHTM will make quinquennial inspections of the building, appropriate for a Grade II listed building. They will identify maintenance and repair priorities in the short, medium and long-term. The reports will include health and safety considerations for maintenance, and an electrical safety report.
- The LSHTM will ensure that when undertaking maintenance to the building, appropriate materials are used, including like-for-like replacement of materials where possible.
- Environmental conditions will be monitored and managed to ensure conservation of the significant features, fittings of the building, and historic objects within it.

14 Environmental practice and energy conservation:

Proposals for the future of the building will seek to improve the environmental performance (especially in terms of energy, water and waste) efficiency of the building without prejudicing its character. The context for such improvements should be:

- The commitment of The London School of Hygiene and Tropical Medicine to the conservation of the natural environment, and to a sustainable approach to buildings, as part of that overall commitment
- A consideration of current best practice in the field, with the possibility that the building can be a case study for further development.

15 Heritage Impact Assessments:

The Plan will form the basis for Heritage Impact Assessments carried out as part of the development of future proposals for the London School of Hygiene and Tropical Medicine.

16 Recording:

A photographic record will be made prior to any alterations, in parallel with the preparation of Heritage Impact Assessments. Copies of the record will be deposited at the agreed archive location.

17 Adopting and amending the Conservation Management Plan:

This Plan will be formally adopted following consultations and agreement by key stakeholders. It will be reviewed every five years by the School. Proposed amendments will be discussed with the relevant statutory authorities.

Action Plan (to be added following consultations)

Notes

1. Sir Philip Manson-Bahr *History of the School of Tropical Medicine in London (1899-1949)* London School of Hygiene and Tropical Medicine Memoir no. 11, London 1956, p 61
2. Manson-Bahr op. cit. p 64
3. Manson-Bahr op. cit. p 65
4. Lise Wilkinson and Anne Hardy *Prevention and Cure: The London School of Hygiene and Tropical Medicine, a 20th century quest for global public health* London 2001, p67
5. Wilkinson and Hardy op. cit. p73
6. Wilkinson and Hardy op. cit. p74
7. Wilkinson and op. cit. pp76-77
8. John Summerson *Georgian London*, edited by Howard Colvin London 2003, p358
9. These drawings are held in the LSHTM archives
10. Negley Harte *The University of London 1836-1986: An Illustrated History* London 1986, pp188-194
11. These drawings are held in the LSHTM archives
12. Donald Fisher "Rockfeller Phylanthropy and the British Empire : The Creation of the London School of Hygiene an Tropical Medicine" *History of Education* 1978, Vol 7, No 2, p136
13. "Percy Morley Horder" *The Oxford Dictionary of National Biography*
14. "George Devey" *The Oxford Dictionary of National Biography* . George Devey, 1820-1886, was an architect of country houses in the vernacular idiom and an important influence on later arts and crafts architects
15. Peter Davey *Arts and Crafts Architecture: The search for an earthly paradise* London 1980, p103
16. *Journal of the Royal Institute of British Architects* November 1944
17. *The Builder* July 13 1928, p48
18. Clyde Binfield "Victorian Values: Aspects of a legacy" *Bulletin of the Hornsey Historical Society*, n.d. p12
19. Clyde Binfield "Holy Murder at Cheshunt College: the formation of an English architect" in *The Journal of the United Reform Church History Society*, Vol 4, No 2, May 1988, p105
20. ibid. p104
21. ibid. p104
22. information from RIBA Biography file
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24. *The Times* 30 November 1966
25. Catherine M. Clark and James M. Mackintosh *The School and the Site: A historical memoir to celebrate the twenty-fifth anniversary of the School* London School of Hygiene and Tropical Medicine Memoir no 9, 1954, p58
26. Wilkinson and Hardy op. cit. p79
27. *Building* 18 November 1966, p106
28. *The Times* 30 November 1966
29. Clyde Binfield "Holy Murder at Cheshunt College: the formation of an English architect" in *The Journal of the United Reform Church History Society*, Vol 4, No 2, May 1988, p110
30. Wilkison and Hardy op. cit., p79
31. *Report of the proceedings LSHTM Ceremony of the Laying of the Foundation Stone*, July 7 1926, p6
32. LSHTM *Building Committee Minutes* June 1928
33. *Mapping the Practice and Profession of Sculpture in Britain and Ireland 1851-1951* www.sculpture.gla.ac.uk
34. Jonathan Black *The Sculpture of Eric Kennington*, 2002, p41. Black derived the information from Kennington's own diaries.
35. LSHTM *Building Committee Minutes* 10 July 1929
36. LSHTM *Finance and General Purposes Committee Minutes* 11 November 1953
37. LSHTM *FGPC Minutes* 9 January 1958
38. LSHTM *Finance and Planning Committee Minutes* 12 November 1975
39. LSHTM *Board of Management Minutes*, 24 January, 27 June and 24 November 1945
40. "Development Quinquennium 1952-57: Accommodation" in *Appendix* to *LSHTM Minutes 1951*
41. S.P.W. Chave *The School Through Fifty Years: Some personal recollections,* p20 LSHTM 1976, typescript with photographs in LSHTM Archives
42. LSHTM *Finance and General Purposes Committee Minutes* 19 January 1952, 19 March 1952, 20 February 1963
43. LSHTM *FGPC Minutes* 18 November 1964
44. LSHTM *FGPC Minutes* 9 June 1965
45. LSHTM *FGPC Minutes* 9 April 1969
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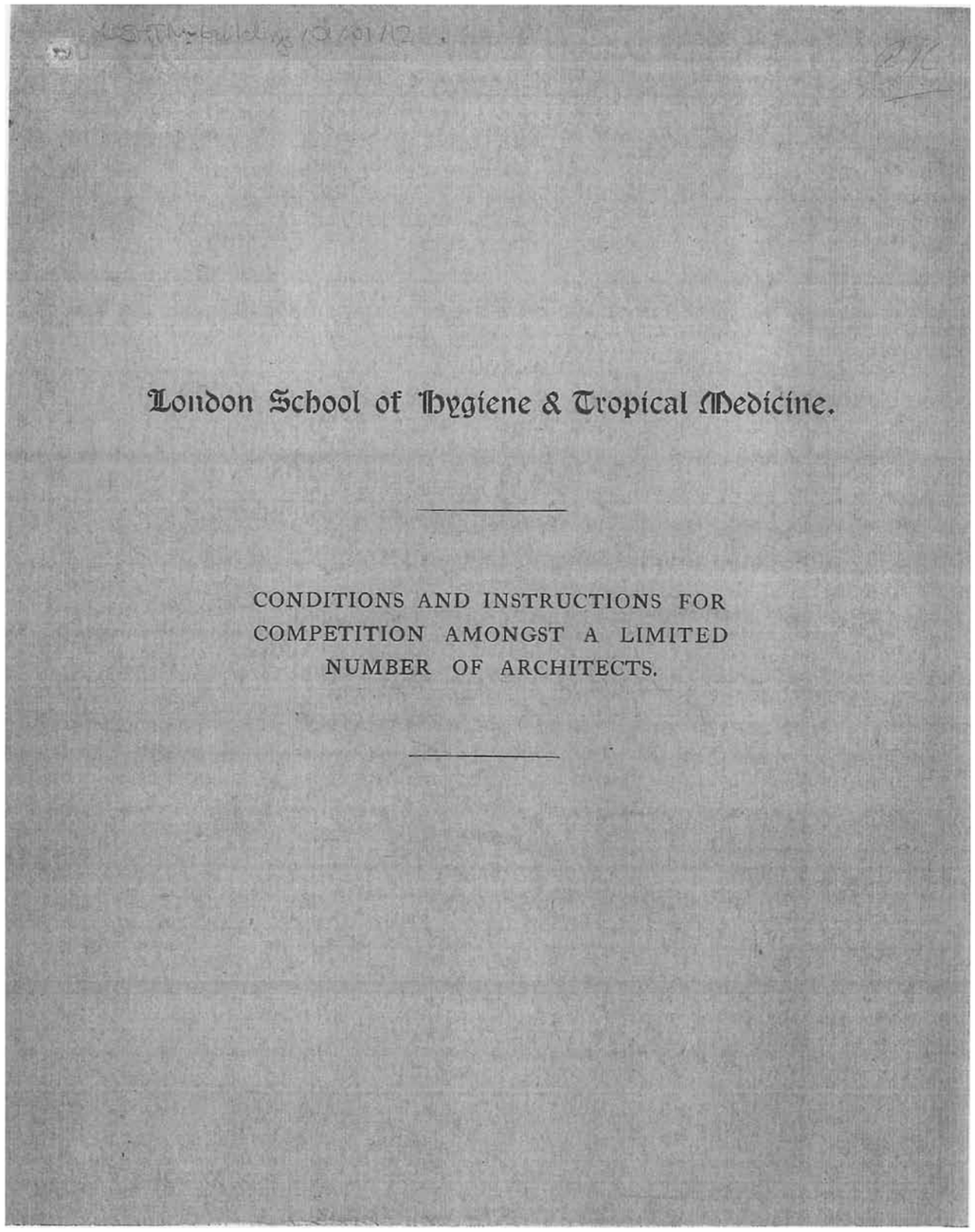

London School of Hygiene & Tropical Medicine.

CONDITIONS AND INSTRUCTIONS FOR COMPETITION AMONGST A LIMITED NUMBER OF ARCHITECTS.

London School of Hygiene & Tropical Medicine

CONDITIONS AND INSTRUCTIONS FOR COMPETITION AMONGST A LIMITED NUMBER OF ARCHITECTS.

1. THE BOARD OF MANAGEMENT OF THE LONDON SCHOOL OF HYGIENE AND TROPICAL MEDICINE (hereinafter called the Board) invite the submission of designs by a limited number of Architects of British nationality in competition for the layout and design of a building to be devoted to the purposes of the School, to be erected on the site shewn on the accompanying plan.

2. THE general purposes of the School are Teaching and Research in Hygiene and Tropical Medicine, and are briefly outlined in the accompanying paper by the Director of the School.

3. THESE Conditions and Instructions have been drawn up with the Assessor to the Board, Sir Frank Baines, who will define all matters connected with the Competition and will advise the Board on the relative merits of the designs submitted.

4. WHEREVER the word "Competitor" occurs in these Conditions and Instructions it shall be held to mean an individual Architect invited to submit designs or Architects who submit designs in association.

5. THE Award of the Board and the Assessor will be final, and it will be made not later than twelve weeks from the date of receipt of the competitive designs. The Board will communicate the award to each of the competitors.

6. EACH Competitor submitting a design will receive a premium of three hundred guineas.

7. THE selected Architect, after his appointment by the Board for the execution of the work, will be paid in accordance with the schedule of professional charges laid down by the Royal Institute of British Architects, subject to such modifications as are stipulated in these Conditions and Instructions, and the premium of 300 guineas shall be merged into the professional charges.

8. THE Board have decided to proceed with the scheme as generally laid down in these Conditions and Instructions, and the author of the design placed first in order of merit is intended

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to be appointed and employed to carry out the work, provided the Board are satisfied that there is no valid objection to such employment. If there is any valid objection the Board may successively select the other authors of the designs in order of merit, who will be appointed and employed by the Board subject to a similar condition. An Award of the Board will not be varied for any other reason.

9. THE author of the selected design shall, if requested by the Board, before he is instructed by them to prepare working drawings, make any modifications in his design to meet the requirements of the Board without any addition to the agreed fee.

10. THE agreement between the Board and the selected Architect will be under the Seal of the School. It will detail the terms of his engagement, based on these Conditions and Instructions, and will contain an Arbitration Clause for settlement of any points of dispute which may arise.

11. IF within twelve months of their Award, and after working drawings have been prepared by the selected Architect, the Board find it impossible to proceed with the execution of the work for reasons (of which they shall be sole judge) other than those contained in Clauses 12 and 13, the selected Architect will be paid, in full discharge of his services, the sum of 2,000 guineas to include the 300 guineas payable under Clause 6, and shall have no other claim whatsoever against the Board. If subsequently the scheme is executed by the selected Architect the whole of this payment shall merge into the amount payable to him under Clause 7.

12. IF, by reason of illness or other incapacity before the work of erection and equipment of the building is complete, the selected Architect is unable to complete his agreement, the Board reserve to themselves the right to terminate their contract and to engage the services of another architect, and in such case or in the event of the death of the selected Architect the Board will pay to him or his personal representatives a proper proportion of the fees.

13. WHEN tenders are received for the erection of the building, if it is found that the Contractor's tender proposed to be accepted (being the lowest on the list, or that of the most suitable Contractor) exceeds by £25,000 the amount specified by the selected Architect for the erection of the building—after any modification in the plans as provided for in Clause 9—and the excess cannot be saved by reasonable modifications in the design, the Board reserve to themselves the right to refuse to proceed with the building, and the Architect shall not in that case be entitled to any remuneration or compensation whatever beyond the amount of the premium referred to in Clause 6.

14. A DESIGN will be excluded from consideration in the Competition for any of the following reasons :—

(*a*) If sent in after the period named in Clause 16 ;
(*b*) If it does not provide substantially for the accommodation specified ;
(*c*) If any of the Conditions and Instructions other than those of a suggestive or permissive character are disregarded by the Competitor ;
(*d*) If a Competitor discloses his identity or attempts to influence the decision.

15. EVERY design and accompanying report must be sent in without any name or other distinguishing mark, and must be accompanied by a declaration by the Competitor, contained in the official envelope, issued with these Conditions, properly sealed, stating : (i) the name and the address of the Competitor, (ii) that the design is his personal work, and (iii) that the drawings have been prepared in his own office and under his own supervision. The successful Competitor must be prepared to satisfy the Board that he is the author, *bona fide*, of the design submitted.

16. THE design, report and envelope of each Competitor are to be contained in one package, endorsed "Design for London School of Hygiene and Tropical Medicine," and sent, carriage paid, addressed to

The Secretary,
London School of Hygiene and Tropical Medicine,
Malet Street, W.C. 1,

not later than twelve noon on the 31st March, 1925.

17. ON receipt of a package, a number will be placed by the Secretary to the Board on each drawing and accompanying report enclosed therein, and a corresponding number on the envelope contained in the same package. The envelope will be retained unopened in the custody of the Secretary to the Board until after their Award has been made.

18. THE submission of designs shall be held to signify complete agreement with and acceptance of these Conditions and Instructions.

19. ANY questions which Competitors desire to ask must be addressed to the Secretary to the Board on or before 31st January, 1925. Copies of all such questions and of such answers thereto as the Assessor shall consider necessary will be sent by the Board to every Competitor and shall be deemed to be an integral part of these Conditions and Instructions.

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20. THE Competitors shall, if they are requested to do so, supply the Board with photographs and printed copies of their drawings.

21. THE Board will appoint and pay a Quantity Surveyor to prepare a proper Bill of Quantities and to measure up the work during progress. They will also appoint and pay a Clerk of Works to be approved by the selected Architect, it being understood that the Clerk of Works acts under the Architect, who accepts responsibility for his actions.

22. THE working drawings of the selected Architect will remain his property. He shall supply free of cost to the Board (in addition to all drawings required by Local or other Authorities) one copy of each of the sketch plans and of all working drawings, and shall also during the progress of the work supply complete small scale plans of the floors of the building, shewing all the rooms, the systems of heating, lighting, ventilation, etc., the system of drainage, and indeed all details, together with small scale elevations and sections of the work. The whole of the foregoing are to be on transparent linen. In addition the Architect is to supply four complete sets of the working drawings for the purpose of the Contract. He shall also, during the progress of the work, submit to the Board for their general approval all detail drawings which bear upon the design, layout, and construction of the buildings and of the laboratory fittings—the intention being, however, not to ask for the submission of an architect's normal structural details and full sizes.

23. THE Architect, in executing the work, shall not vary the designs in any material manner after the general approval of the Board has been received, without again receiving their approval signified in writing. The Board will not consider alternative designs unless in the form of complete and distinctive schemes.

24. THE drawings are to be accompanied by a concise type-written explanatory report containing an outline specification of materials to be employed and the type of construction proposed, and amplifying and extending details which cannot effectively be shewn upon the drawings. The Architect will be particularly expected to detail the proposed heating, lighting, and ventilating systems, and to give schedules of the accommodation provided, with the floor areas of the different sections to be accommodated in the building coloured in distinctive tints as stipulated in Clause 65.

25. THE scheme submitted must contain the Competitor's estimate of the cost of the building, including all expenditure likely to be involved therewith for all subsidiary works, sub-contracts, etc. The detailed figures of the cube of the building, and the prices upon which the estimates are based must be attached to the report, the total cube being stated, and the method by which the figures have been arrived at.

26. THE sum available for the development of the site up to the requirements of the School as specified in these Conditions and Instructions, including all Engineering services, and all fixed fittings for Laboratories, Library, Museum, Research Rooms, and generally, and including also Architect's fees, Quantity Surveyor's fees, etc., and Clerk of Works' charges and Contingencies, is £365,000. For the guidance of competitors, it is stated that of this amount of £365,000 a sum of £30,000 has been fixed as a Contingency sum to allow of modifications and possible increase in prices during the progress of the work.

27. ARCHITECTS may, if they think fit, prepare designs for the full economic development of the site, detailing the redundant accommodation in such provision, its estimated cost being stated as a proportion of the total cost. Careful attention must be paid to means of access to such redundant accommodation without prejudicing the effective utilisation of the building as a school of hygiene and tropical medicine.

28. THE drawings required from the Competitors are as follows :—
    (*a*) Plans of foundations, basement and all floors, together with roof plan, all to $\frac{1}{16}$" scale.
    (*b*) Outline plans of drainage, heating, lighting and ventilating services, all to $\frac{1}{32}$" scale.
    (*c*) Three elevations and longitudinal and transfer sections, to $\frac{1}{16}$" scale, with additional sections as required to illustrate the design.
    (*d*) One $\frac{1}{2}$" scale detail of a portion of the façade of the building.

    Perspectives of the design are optional, but the successful Competitor will be required to provide a perspective drawing.

29. ALL drawings must be mounted on plain compo board or card and may be executed in ink or pencil at the Competitor's discretion. All pencil drawings to be treated with a fixative. If the Competitor prefers, under paragraph 28 (*b*), to send prints or negatives from the original drawings of the drainage, heating, lighting and ventilating services, this may be done. All elevations, sections and details may be in line or monochrome. All areas and clear heights of all rooms to be entered in figures on the drawings, the areas of all corridors being separately detailed. Sectional work may be shewn in black or white at the discretion of the Competitor.

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THE ACCOMMODATION, ETC., TO BE PROVIDED.

30. THE total effective floor space required (excluding walls, corridors, etc.), is about 100,000 superficial feet, excluding basement.

31. THE distribution of the accommodation is to be as follows :—

SUMMARY (EXCLUDING BASEMENT).

	sup. feet
Administrative section	6,000
Museum (say)	15,000
Theatre and preparation room	3,500
Conference room and ante-room	4,000
Rest and recreation rooms (Men & Women)	1,500
Library quarters	5,000
Publications Bureau	3,000
Teaching and Research accommodation :—	
Division I	7,000
,, II	8,000
,, III	8,000
,, IV	12,000
,, V	4,000
,, VI	7,000
Cinema studio	600
Artist's room	400
Caretaker's quarters	1,300
Animal quarters	1,200
Unallocated	12,500
	100,000

32. TEACHING AND RESEARCH DIVISIONS.

(corresponding with the Provisional Scheme of work).

DIVISION I.—*Physics and Applied Physiology.*	*sup. feet*
1 Professor's room	300
2 Staff rooms	400
1 large class room	1,200
1 small class room	400
1 Laboratory	1,200
4 single-worker research rooms	800
1 group do. for 4 workers	400
Preparation room, etc. (as for Division IV)	1,000
Extra accommodation, at present unallocated	1,300
	7,000

	sup. feet
DIVISION II.—*Chemistry and Bio-Chemistry.* The same as Division I, except that the Laboratory is 2,200 sup. ft., instead of 1,200	8,000
DIVISION III.—*Immunology and Bacteriology* ... do.	8,000
DIVISION IV.—*Medical Biology.*	
(This should be on the same floor as the Tropical Division of the Museum.)	
1 Professor's room	300
5 Staff rooms (200 each)	1,000
2 laboratories (1,200 and 1,000, respectively, separated by a movable sound-proof partition)	2,200
1 large class room	1,200
1 small class room	400
5 (single-worker) research rooms	1,000
1 (group of 4 workers) research room	400
Insectarium (200) and Aquarium or Tank Room (300)	500
Staff accommodation, at present unallocated	2,000
Research accommodation, at present unallocated	2,000
Preparation room (200) adjoining large class room, Incubator room (100) and Refrigerator room (100), lavatories, domestic service rooms, central cleansing room (300), and photographic room (say)	1,000
Total (excluding Museum)	12,000

DIVISION V.—*Epidemiology and Vital Statistics.*	
1 Professor's room	300
2 Staff rooms	400
1 Class room	900
1 small laboratory	800
Preparation rooms, etc., as for Division IV, omitting Refrigerator and Incubator rooms, but including card index room (500), and extra rooms	1,600
	4,000

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DIVISION VI.—*General Sanitary Administration.*	*sup. feet*
1 Professor's room	300
3 Staff rooms	600
1 Record room	200
1 Laboratory	1,200
1 Laboratory	800
1 Class room	1,200
2 small class rooms	800
Preparation room, etc. (as for Division IV, omitting Refrigerator and Incubator rooms, but including extra Class room (500)	1,300
Extra unallocated accommodation	600
	7,000

EACH of the six Divisions should be as far as possible self-contained and should occupy the whole or a definite part of one floor only, and not be partly on one floor and partly on another. Division No. IV should be linked up with the Tropical Section of the Museum—about one-third of the total Museum space.

ADMINISTRATIVE SECTION.

33. THIS should comprise :—

Director's Office	400
,, Personal Assistant's Office	300
Dean's Office	300
Secretary's Room	300
Board Room, with cloak-room and lavatory	700
Staff Common Room (with lavatory)	500
Visiting Staff Common Room (with lavatory)	400
General Office	400
2 Rooms at 300	600
3 ,, 200	600
Inquiry and waiting rooms, lavatories, porter's lodge, small kitchen, and unallocated	1,500
	6,000

BASEMENT.

34. THE Basement should provide, in addition to store-rooms, workshops, boiler house and various plant, for the following :—

Post-mortem demonstration room (1,200 sup. ft.) with preparation room (300).
Cloak rooms (men and women) with lockers for 200 students and space for doubling locker provision ; with lavatories, two spray-baths, and dressing-rooms attached.
Goods receiving room, with shoot from yard.
Photographic unit (including micro-photography).
Printing-room.
Space for X-ray room and for air-conditioning room for ventilation (and other) tests.
Separate storage for museum exhibits.
Destructor (near animal lift).
Dry Canteen and mess-room for household staff.
Kitchen, for preparation of light refreshments.

The Boiler House should be so situated that road access from both streets can be obtained to allow of the provision and evacuation of coal, stores, and ashes away from main entrances of the building.

35. OTHER ACCOMMODATION.

	sup. feet
Museum (say)	15,000
Theatre and preparation room	3,500
Conference room and ante-room	4,000
Rest and recreation rooms (Men and Women) with refreshment service room adjacent	1,500
Library quarters	5,000
Publications Bureau	3,000
Cinema studio, with dark room attached (top floor)	600
Artist's room (top floor)	400
Caretaker's quarters (top floor)	1,300
Animal quarters	1,200
	35,500

(In addition, there should be outhouse provision for a laundry.)

36. THE ANIMAL QUARTERS should be on the top floor and isolated as far as possible and should have floors and lower walls of impermeable material. A small electric lift should communicate specially with the basement. The unit will comprise :—

Animals' living rooms.
Pens for exercise.
Quarantine, inoculation, and disinfecting chambers.
Kitchen for preparation of animals' food.
Store and attendant's room.
Post-mortem room.
Adequate heating and water supply

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37. THE Competitors in their designs should consider the relation of the site to that of the British Museum and should have regard to the amenities of the district as a potential University centre. If a building in Portland Stone is proposed, the views of the Competitors are invited as to the effect on the time in which the building may be completed.

38. THE principal frontage should be on Keppel Street. It may be set back, at the Competitor's option (say) twelve to fifteen feet. The administrative section should be on the ground floor on this front, and the Museum should occupy the frontage above the administrative section. There should be separate entrances on the Gower Street, Keppel Street and Malet Street fronts, respectively, with a porter's lodge at each entrance.

39. THE lighting, especially of the laboratories and class-rooms, should be the best possible. This applies also to the Museum, so far as this is consistent with adequate wall space; cross-lighting for the Museum is desirable and overhead lighting on the top floor. Consideration is to be given to the provision of North lighting for the research and class rooms, laboratories, etc., on the upper floors.

40. ANY internal courtyards are to be designed to give adequate light to the blocks surrounding them and to have good reflecting surfaces, and may be used for top lighting of workshops, etc., in basement.

41. THE Architects are to consider whether any utilisation shall be made in part of the courtyard of the adjacent building, lettered "A" on the accompanying site plan, in relation to light and air.

42. TWO electric passenger lifts are to be provided, serving the whole building, with electric goods lift for service to all sections of school on every floor, and also lift to animal quarters as explained above. The passenger lifts should be supplied with automatic car control and have a normal speed of 200 to 250 feet a minute.

43. THE theatre should be on the ground floor and built with two tiers in such a way as to function for a large theatre or a smaller one, and with access from the higher floor level.

44. THE building throughout should be fireproof, the skeleton framework of steel, the floors throughout of reinforced concrete and the roofing of steel with wired glass or of concrete and filler joist construction. Consideration should be given to the sound-resisting properties of the materials used in the construction.

45. THE finishings of the building should be of simplicity to ensure hygienic conditions. All horizontal angles should be coved and the walls of Laboratories finished with glazed bricks of a suitable kind to an approximate height of 4 feet.

46. THE types of flooring of Theatre, Museum, Library, Laboratories, Corridors, etc., should be specified.

47. THE window frames of the building should be of steel and the internal joinery of hardwood where fire risk arises, such as in the Theatre, Library, Museum, Laboratories, etc. Competitors should consider the desirability of providing double windows on all fronts; they should bear in mind that the noisiest street is likely to be Gower Street.

48. NO skirtings or architraves to doors are desired, and coved tile skirtings are to be provided to junction between wall surfacing and flooring.

49. PARTITION walls in research and laboratory accommodation are not to be structural, but must be easily removable and reasonably sound-proof.

50. A detailed description of the fume cupboards, drainings, wall ice boxes, and other proposed laboratory fittings, of library and museum fittings, and all other fixed fittings is to be included in the report.

51. ALL Engineering services—heating, hot water supply, ventilation, electric light, cooking appliances for kitchen, passenger and goods lifts, fire protection provision, electric bells, and compressed air plant throughout the building, Still Room apparatus, destructor, gas and water supplies, etc., to be briefly detailed by the Competitors.

52. THE heating system may be an accelerated low pressure hot water system, arranged to allow of boilers being banked overnight and circulating pump shut down to avoid night attendance. Heating boilers may be of the sectional type with bunkers arranged for direct discharge of fuel into the Boiler House.

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A panel system of heating may be submitted as an alternative system. Fire-places may be provided in the Administrative block, with gas points adjacent.

53. THE hot water supply to be taken from boilers installed in the Main Boiler House in the Basement, with storage cylinders, circulating pumps, etc. Hot water to be supplied to every lavatory basin, with extra points near floor level for cleaners. Hot water taps to be fitted in lavatories, cleaning rooms, and steam points in every Laboratory and Research Room for general use. The installation must provide for additional hot water points as afterwards required.

54. THE ventilation system proposed should be detailed by the Competitor. It may be an extract system. It must be designed to give adequate complete changes of air under normal conditions, with special provision for chemical, biological, and bacteriological Laboratories, fume cupboards, etc.

55. THE general lighting of all rooms, laboratories, etc., to be electric, with drop pendants for the smaller rooms; the lighting to be semi-indirect or indirect for large Laboratories, Lecture Theatres, etc. The Competitor is to make provision for all special electric light fittings in the Library and Museum, Research Laboratories, etc.

56. ALL electric wiring to be carried out in concealed screwed steel conduit and fire-proofed throughout. Plugs for electric power should be available throughout the building, and extra plugs for local and special lighting should be provided in Laboratories. Consumption indicators will be required for each of the six Divisions. Separate mains for power and lighting will be required.

57. AN adequate number of multiple gas points to be provided on each bench.

58. FIRE protection to be provided by means of about ten internal hydrants equipped with 1½" drain, hose, and portable appliances throughout the building.

59. IN the case of the lower floors the standard type of small ejectors connected to water tap will suffice (a water pressure of approximately 50 lbs. per square inch being available), but for the upper floors it will be necessary to provide an electric-mechanical plant situated in the basement with a point arranged on each laboratory bench. Special attention is drawn to the necessity of eliminating possible leakages through the system by the provision of specially-soldered pipe joints and control cocks with large bearing surfaces.

60. AN estimated amount of 80 to 100 gallons per day of distilled water will probably be required, and four stills are suggested, situated in a still room in the basement with provision for extension.

61. Provision should be made for an installation of telephones with small switch-room.

62. There should be separate lavatory accommodation, as may be necessary, for (*a*) staff and students, (*b*) household staff, and (*c*) general public; in each case for men and women respectively.

63. THE buildings and all fittings, also engineering services, are to be designed and constructed with a view to minimising the cost of maintenance. Special regard should be had to the importance of flexibility of arrangement to permit of extension and modifications which will inevitably arise in a research establishment, and also to ensure continuity of service which is of primary importance. Special consideration should therefore be given to the formation of chases and trenches for the pipe installations, etc.

64. An estimate of the time in which a building, in accordance with the Competitor's designs, may be expected to be completed, ready for occupation, should be given.

COLOURING OF PLANS.

65. Competitors should note that the different sections of the accommodation are to be coloured on the plans in distinctive tints as follows:—

Administrative section and all Entrances, Corridors, Staircases, Lifts, Lavatories and Messengers' rooms. Also Common or Conference Room, and Rest and Recreation Rooms, and Caretaker's accommodation.	Grey.
Library and Theatre	Pink.
Museum	Yellow.
Teaching and Research Accommodation:—	
Division I	Light Brown.
" II	Darker Brown.
" III	Light Green.
" IV	Darker Green.
" V	Light Blue.
" VI	Darker Blue.
Basement and Animal quarters	Mauve.
Unallocated accommodation	Uncoloured.

Malet Street, W.C. 1.
December, 1924.

*Langley & Sons, Ltd., The Euston Press, N.W.*1.

Appendix 2: Statutory Listing Description

This building is listed under the Planning (Listed Buildings and Conservation Areas) Act 1990 as amended for its special architectural or historic interest.

Name: LONDON SCHOOL OF HYGIENE AND TROPICAL MEDICINE AND ATTACHED WALLS AND RAILINGS

List entry Number: 1113106

Location: LONDON SCHOOL OF HYGIENE AND TROPICAL MEDICINE AND ATTACHED WALLS AND RAILINGS, MALET STREET

County District Type: Parish

Greater London Authority Camden London Borough

National Park: Not applicable to this List entry.

Grade: II

Date first listed: 09-Mar-1982

Date of most recent amendment: Not applicable to this List entry.

Legacy System Information: The contents of this record have been generated from a legacy data system.

Legacy System: LBS

UID: 477484

List entry Description: Summary of Building

Legacy Record: This information may be included in the List Entry Details.

Reasons for Designation:

Legacy Record - This information may be included in the List Entry Details.

History:

Legacy Record - This information may be included in the List Entry Details.

Details

CAMDEN

TQ2981NE MALET STREET 798-1/99/1100 (North side) 09/03/82 London School of Hygiene and Tropical Medicine and attached walls and railings

GV II

School of Medicine. 1926-8. By P Morley Horder and V Rees. Steel frame construction, faced with Portland stone. Stripped Classical style. Entrance block to Keppel Street, rest of building laid out to the north in an H-plan. EXTERIOR: 3 storeys and attic. Keppel Street facade 11 windows, the end bays recessed. Return to Malet Street 23 windows, the left hand 3 bays projecting; return to Gower Street 24 windows, the right hand 3 bays projecting. Main entrance square headed and architraved with a central carving of entwined serpents supporting a panel showing Aesculapius in his chariot. Metal framed, square-headed casement windows, those on ground and 1st floor architraved. Entrance block 1st floor windows with metal balconies decorated with gilded tropical insects. Frieze with names of eminent medical scientists set between vestigial pilaster capitals with laurel wreaths. Cornice and blind attic storey above (fenestrated on returns). At the right-hand angle of the entrance block a foundation stone laid by the Rt Hon Neville Chamberlain, 7 July 1926. INTERIOR not inspected. SUBSIDIARY FEATURES: attached stone walls, on returns with plain railings of horizontal bands.

Listing NGR: TQ2981081885

Selected Sources

Legacy Record - This information may be included in the List Entry Details

National Grid Reference: TQ 29810 81885