

DEVELOPMENT CONTROL

TECHNICAL INFORMATION

THE ROYAL
BOROUGH OF



M.L.
KENSINGTON
AND CHELSEA

ADDRESS Grenfell Tower
Launceston West Estate
Grenfell Road

POLLING DISTRICT N&B

HB	Buildings of Architectural Interest	PP040924	LSC	Local Shopping Centre
AMI	Areas of Metropolitan Importance		AI	Sites of Archeological Importance
MDO	Major Sites with Development Opportunities		SV	Designated View of St. Paul's from Richmond
MOL	Metropolitan Open Land		SNCI	Sites of Nature Conservation Importance
SBA	Small Business Area		REG 7	Restricted size and use of Estate Agent Boards
PSC	Principal Shopping Centre (Core or Non-core)		ART IV	Restrictions of Permitted Development Rights

Conservation Area	HB	CPO	TPO	AMI	MDO	MOL	SBA	Unsuitable for Diplomatic Use	PSC	LSC	AI	SV	SNCI	REG 7	ART IV
									C	N					

	Within the line of Safeguarding of the Proposed Chelsea/Hackney underground line
	Within the line of Safeguarding of the Proposed Eastwest/Crossrail underground line

Density	
Site Area	
Habitable Rooms Proposed	
Proposed Density	

Plot Ratio	
Site Area	
Zoned Ratio	
Floor Area Proposed	
Proposed Plot Ratio	

Daylighting	Complies	
	Infringes	

Car Parking	Spaces Required	
	Spaces Proposed	

Notes:

GRENFELL ROAD

Property Card N° : 0351 003 00

Sitename : GRENFELL TOWER, LANCASTER WEST ESTATE

PP040924

Comment :
TP Arch/History :
See Also :

STAGE 1, LANCASTER ROAD

Xref : Lancaster Road West Redevelopment Card, Lancaster Road
Notes :

TP No TP/83/0699 Brief Description of Proposal 1 of 4

ERECTION OF A 22.5M COMMUNICATIONS AERIAL ON THE
PLANT ROOM.

Received	Decision & Date	
Completd	Refused	29/06/1983
Revised		

TP No TP/84/0568 Brief Description of Proposal 2 of 4

ERECTION OF A 7 METRE COMMUNICATION AERIAL ON THE
ROOF

Received 12/03/1984	Decision & Date	
Completd	Conditional	23/05/1984
Revised		

TP No / / Brief Description of Proposal 3 of 4

LONDON BUILDING ACTS (AMENDMENT) ACT 1939 PART II
THE BUILDINGS KNOWN AS GRENFELL TOWER, GRENFELL WALK SHALL
BE KNOWN AND DESCRIBED AS GRENFELL TOWER, GRENFELL ROAD.

Received	Decision & Date	
Completd	Renumbering	03/09/1998
Revised		

TP No PP/00/1959 Brief Description of Proposal 4 of 4

INSTALLATION OF NEW AIR CONDITIONING SYSTEM ON EXTERNAL WALL
TO WALKWAY.Adverts &
History No<-FIRST
FLOOR

Received 07/08/2000	Decision & Date	
Completd 14/08/2000	Conditional	09/10/2000
Revised		

PLANNING SERVICES APPLICATION

CONSULTATION SHEET

APPLICANT:

Butler & Young Associates,
Elm House,
Pandy Industrial Estate,
Pandy, Wrexham,
LL11 2UD

APPLICATION NO: PP/04/00924

CASE OFFICER: Mr.I. Williams

APPLICATION DATED: 21/04/2004

DATE ACKNOWLEDGED: 27 April 2004

APPLICATION COMPLETE: 27/04/2004

DATE TO BE DECIDED BY: 22/06/2004

SITE: Grenfell Tower, Lancaster West Estate, Grenfell Road, London, W11 1TH

PROPOSAL: Provision of a bricked enclosure at ground level for proposed pump for hydraulic lift.
(Council's Own Development)

ADDRESSES TO BE CONSULTED

- (147)
1. all flats, Grenfell Tower, Lancaster West Estate
 2. " Offices, " " " "
 3. " " " " " "
 4. " " " " " "
 5. " " " " " "
 6. Flats 101-111 (consec) Grenfell Walk, " " "
 7. " " " " " "
 8. " " " " " "
 9. " " " " " "
 10. " " " " " "
 11. " " " " " "
 12. " " " " " "
 13. " " " " " "
 14. " " " " " "
 15. " " " " " "

CONSULT STATUTORILY

English Heritage Listed Bdgs - CATEGORY: ...

English Heritage Setting of Bdgs Grade I or II ...

English Heritage Demolition in Cons. Area ...

Demolition Bodies ...

DoT Trunk Road - Increased traffic ...

DoT Westway etc., ...

Neighbouring Local Authority ...

Strategic view authorities ...

Kensington Palace ...

Civil Aviation Authority (over 300') ...

Theatres Trust ...

National Rivers Authority ...

Thames Water ...

Crossrail ...

LRT/Chelsea-Hackney Line/Cross Rail Line 2 ...

Victorian Society ...

DTLR Dept. Transport Loc.Gov.& Regions ...

ADVERTISE

Effect on CA ...

Setting of Listed Building ...

Works to Listed Building ...

Departure from UDP ...

Demolition in CA ...

"Major Development" ...

Environmental Assessment ...

No Site Notice Required ...

Notice Required other reason ...

Police ...

L.P.A.C ...

British Waterways ...

Environmental Health ...

GLA - CATEGORY: ...

Govt. Office for London ...

Twentieth Century Society ...

Agreed
to ensure
compliance with
CIBD

Royal Borough of Kensington and Chelsea
GGP Point in Polygon Search Results
Corporate Land and Property Gazetteer at 3rd February 2004
Buildings and their Units

Building Shell			Grenfell Tower	Grenfell Road	W11 1TH
Non-Residential Unit	Office	Estate Office: Tenants Management	Grenfell Tower	Grenfell Road	W11 4BN
Non-Residential Unit	Office	Office Adj: Social Services Office	Grenfell Tower	Grenfell Road	W11 1TG
Non-Residential Unit	Office	Office First Floor	Grenfell Tower	Grenfell Road	W11 1TG
Non-Residential Unit	Adventure Playground/playgrou	Play Centre	Grenfell Tower	Grenfell Road	W11 1TG
Non-Residential Unit	Adventure Playground/playgrou	Play Centre And Office	Grenfell Tower	Grenfell Road	W11 1TG
Building Shell			101/111	Grenfell Walk	W11 1WA
Building Shell			Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit		Flat 11	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit		Flat 12	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit		Flat 13	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit		Flat 14	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit		Flat 15	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit		Flat 16	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit		Flat 21	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit		Flat 22	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit		Flat 23	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit		Flat 24	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit		Flat 25	Grenfell Tower	Lancaster West Estate	W11 1TQ

Residential Unit	Flat 26	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit	Flat 31	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit	Flat 32	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit	Flat 33	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit	Flat 34	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit	Flat 35	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit	Flat 36	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit	Flat 41	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit	Flat 42	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit	Flat 43	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit	Flat 44	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit	Flat 45	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit	Flat 46	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit	Flat 51	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit	Flat 52	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit	Flat 53	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit	Flat 54	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit	Flat 55	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit	Flat 56	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit	Flat 61	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit	Flat 62	Grenfell Tower	Lancaster West Estate	W11 1TQ

Residential Unit	Flat 63	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit	Flat 64	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit	Flat 65	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit	Flat 66	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit	Flat 71	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit	Flat 72	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit	Flat 73	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit	Flat 74	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit	Flat 75	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit	Flat 76	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit	Flat 81	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit	Flat 82	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit	Flat 83	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit	Flat 84	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit	Flat 85	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit	Flat 86	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit	Flat 91	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit	Flat 92	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit	Flat 93	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit	Flat 94	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit	Flat 95	Grenfell Tower	Lancaster West Estate	W11 1TQ

Residential Unit	Flat 96	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit	Flat 101	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit	Flat 102	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit	Flat 103	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit	Flat 104	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit	Flat 105	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit	Flat 106	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit	Flat 111	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit	Flat 112	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit	Flat 113	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit	Flat 114	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit	Flat 115	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit	Flat 116	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit	Flat 121	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit	Flat 122	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit	Flat 123	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit	Flat 124	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit	Flat 125	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit	Flat 126	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit	Flat 131	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit	Flat 132	Grenfell Tower	Lancaster West Estate	W11 1TQ

Residential Unit	Flat 133	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit	Flat 134	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit	Flat 135	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit	Flat 136	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit	Flat 141	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit	Flat 142	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit	Flat 143	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit	Flat 144	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit	Flat 145	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit	Flat 146	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit	Flat 151	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit	Flat 152	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit	Flat 153	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit	Flat 154	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit	Flat 155	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit	Flat 156	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit	Flat 161	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit	Flat 162	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit	Flat 163	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit	Flat 164	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit	Flat 165	Grenfell Tower	Lancaster West Estate	W11 1TQ

Residential Unit	Flat 166	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit	Flat 171	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit	Flat 172	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit	Flat 173	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit	Flat 174	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit	Flat 175	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit	Flat 176	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit	Flat 181	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit	Flat 182	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit	Flat 183	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit	Flat 184	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit	Flat 185	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit	Flat 186	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit	Flat 191	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit	Flat 192	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit	Flat 193	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit	Flat 194	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit	Flat 195	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit	Flat 196	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit	Flat 201	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit	Flat 202	Grenfell Tower	Lancaster West Estate	W11 1TQ

Residential Unit	Flat 203	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit	Flat 204	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit	Flat 205	Grenfell Tower	Lancaster West Estate	W11 1TQ
Residential Unit	Flat 206	Grenfell Tower	Lancaster West Estate	W11 1TQ
Building Shell		Grenfell Walk	Lancaster West Estate	W11 1WA
Residential Unit	Flat 101	Grenfell Walk	Lancaster West Estate	W11 1WA
Residential Unit	Flat 102	Grenfell Walk	Lancaster West Estate	W11 1WA
Residential Unit	Flat 103	Grenfell Walk	Lancaster West Estate	W11 1WA
Residential Unit	Flat 104	Grenfell Walk	Lancaster West Estate	W11 1WA
Residential Unit	Flat 105	Grenfell Walk	Lancaster West Estate	W11 1WA
Residential Unit	Flat 106	Grenfell Walk	Lancaster West Estate	W11 1WA
Residential Unit	Flat 107	Grenfell Walk	Lancaster West Estate	W11 1WA
Residential Unit	Flat 108	Grenfell Walk	Lancaster West Estate	W11 1WA
Residential Unit	Flat 109	Grenfell Walk	Lancaster West Estate	W11 1WA
Residential Unit	Flat 110	Grenfell Walk	Lancaster West Estate	W11 1WA
Residential Unit	Flat 111	Grenfell Walk	Lancaster West Estate	W11 1WA
Residential Unit	Flat 201	Grenfell Walk	Lancaster West Estate	W11 1WB
Residential Unit	Flat 202	Grenfell Walk	Lancaster West Estate	W11 1WB
Residential Unit	Flat 203	Grenfell Walk	Lancaster West Estate	W11 1WB
Residential Unit	Flat 204	Grenfell Walk	Lancaster West Estate	W11 1WB
Residential Unit	Flat 205	Grenfell Walk	Lancaster West Estate	W11 1WB

Residential Unit	Flat 206	Grenfell Walk	Lancaster West Estate	W11 1WB
Residential Unit	Flat 207	Grenfell Walk	Lancaster West Estate	W11 1WB
Residential Unit	Flat 208	Grenfell Walk	Lancaster West Estate	W11 1WB
Residential Unit	Flat 209	Grenfell Walk	Lancaster West Estate	W11 1WB
Residential Unit	Flat 210	Grenfell Walk	Lancaster West Estate	W11 1WB
Residential Unit	Flat 211	Grenfell Walk	Lancaster West Estate	W11 1WB

Total Number of Buildings and Units Found ~~151~~

(147)

PLANNING AND CONSERVATION

THE TOWN HALL HORNTON STREET LONDON W8 7NX

Executive Director M J FRENCH FRICS Dip TP MRTPI Cert TS

THE ROYAL
BOROUGH OF



KENSINGTON
AND CHELSEA

Mr M Flynn
Butler & Young Associates
First Floor
54-62, Station Road
East Oxted
Surrey RH8 0PG

Switchboard: 020-7937-5464
Extension: 2734
Direct Line: 020-7361-2734
Facsimile: 020-7361-3463
Email: ian.williams@rbkc.gov.uk
Web: www.rbkc.gov.uk

16 December 2004

My reference: DPS/DCN/IW/PP Your reference:
/04/00924.

Please ask for: Mr Ian Williams

Dear Sir,

Town and Country Planning Act 1990.
Re: Grenfell Tower, Grenfell Road W10.

I write with reference to your letter dated 25th November 2004 in relation to planning conditions 5, 6, 7 & 8 of the planning approval dated 10th June 2004 for the erection of a bricked enclosure at ground floor level to contain a pump for a hydraulic lift at the above-mentioned property (Ref:PP/04/00924).

Further to the above, I write to advise you that I have been in consultation on this matter with the Director of Environmental Health and as such, can advise you that conditions 5, 6, 7 & 8 are formally discharged.

I hope this information is of assistance to you. Should you wish to discuss the contents of this letter further, please contact Mr Williams on the above direct line or the Environmental Health Officer, Mr Keith Mehaffy on 0207-341-5702.

Yours faithfully,

M J French,
Executive Director, Planning and Conservation.



INVESTOR IN PEOPLE

THE ROYAL
BOROUGH OF

NOTICE OF A PLANNING APPLICATION

TOWN AND COUNTRY PLANNING ACT 1990
PLANNING (LISTED BUILDINGS AND CONSERVATION AREAS) ACT 1990



KENSINGTON
AND CHELSEA

Notice is hereby given the Royal Borough of Kensington and Chelsea Council have received
an application:

Details are set out below.

Members of the public may inspect copies of the application, the plans and other documents
submitted with it at:

The Planning Information Office, 3rd floor, The Town Hall, Hornton Street, W8
7NX between the hours of 9.15 and 4.45 Mondays to Thursdays and 9.15 to 4.30
Fridays.

For applications in the Chelsea area: The Reference Library, Chelsea Old Town
Hall, Tel. 020-7361-4158.

For postal areas W10, W11 and W2: The 1st floor, North Kensington Library,
108 Ladbroke Grove, W11, Tel. 020-7727-6583.

Anyone who wishes to make representations about this application should write
to the Executive Director of Planning and Conservation at the Town Hall (Dept.
705) within 21 days of the date of this notice.

SCHEDULE

Reference: PP/04/00924/IW Date: 07/05/2004

Grenfell Tower, Lancaster West Estate, Grenfell Road, London, W11 1TH

Provision of a bricked enclosure at ground level for proposed pump for hydraulic lift.
(Council's Own Development)

APPLICANT: The Royal Borough of Kensington & Chelsea,

PP/04/00924/IW
5/5/04

REASON FOR DELAY

CASE NO / /

is identified as a "Target" application, with the target of being passed by the Head of Development Control within 6 weeks of the completion date.

of this application, there has been a delay, beyond 8 weeks,

unable to ensure that this case has been determined within the 8 week period for the following reason(s) [highlight - there may be more than one reason!]

in arranging initial Site Visit [a date for this should be fixed up in the first week after you receive the case!]

is due to internal Consultation
[highlight as many as necessary]

- (i) Design - Discussions/initial Obs.
- (ii) Design - Formal Obs.
- (iii) Transportation
- (iv) Policy
- (v) Environmental Health
- (vi) Trees
- (vii) Other

if neighbour notification/external consultation necessary (spread or time limit - please specify)

cons not requested in time

other - Request all revisions by end of fourth week to stand reasonable chance of renotifying and determining case within 8 weeks!

cons requested in time, but not received in time

cons received but inadequate - further revisions requested

cons received but reconsultation necessary

neg Direction from English Heritage/other EH delays...

end of the Committee cycle

agent's instruction

REASON Please state]

(Case Officer)

PLANNING AND CONSERVATION

THE TOWN HALL HORNTON STREET LONDON W8 7NX

THE ROYAL
BOROUGH OF

Executive Director M J FRENCH FRICS Dip TP MRTPI Cert TS



KENSINGTON
AND CHELSEA

file copy

Switchboard: 020-7937-5464

Extension: 2079/ 2080

Direct Line: 020-7361- 2079/ 2080

Facsimile: 020-7361-3463

Date: 30 April 2004

My reference: Your reference:
My Ref: PS/DCN/PP/04/00924/IW

Please ask for: Planning Information Office

Dear Sir/Madam,

TOWN AND COUNTRY PLANNING ACT 1990

Proposed development at: Grenfell Tower, Lancaster West Estate, Grenfell Road, London, W11 1TH

Brief details of the proposed development are set out below. Members of the public may inspect copies of the application, the plans and any other documents submitted with it. The Council's Planning Services Committee, in considering the proposal, welcomes comments either for or against the scheme. Anyone who wishes to make representations about the application should write to the Council at the above address **within 21 days** of the date of this letter. Please telephone should you require further information.

Proposal for which permission is sought Provision of a bricked enclosure at ground level for proposed pump for hydraulic lift. (Council's Own Development)

Applicant The Royal Borough of Kensington & Chelsea, The Town Hall, Hornton Street, London, W8 7NX

Yours faithfully

M. J. FRENCH
Executive Director, Planning and Conservation

WHAT MATTERS CAN BE TAKEN INTO ACCOUNT

When dealing with a planning application the Council has to consider the policies of the Borough Plan, known as the Unitary Development Plan, and any other material considerations. The most common of these include (not necessarily in order of importance):

- The scale and appearance of the proposal and impact upon the surrounding area or adjoining neighbours;
- Effect upon the character or appearance of a Conservation Area;
- Effect upon the special historic interest of a Listed Building, or its setting;
- Effect upon traffic, access, and parking;
- Amenity issues such as loss of Sunlight or daylight, Overlooking and loss of privacy, Noise and disturbance resulting from a use, Hours of operation.

WHAT MATTERS CANNOT BE TAKEN INTO ACCOUNT

Often people may wish to object on grounds that, unfortunately, cannot be taken into account because they are not controlled by Planning Legislation. These include (again not in any order of importance):

- Loss of property value;
- Private issues between neighbours such as land covenants, party walls, land and boundary disputes, damage to property;
- Problems associated with construction such as noise, dust, or vehicles (If you experience these problems Environmental Services have some control and you should contact them direct);
- Smells (Also covered by Environmental Services);
- Competition between firms;
- Structural and fire precaution concerns; (These are Building Control matters).

WHAT HAPPENS TO YOUR LETTER

All letters of objection are taken into account when an application is considered. Revised drawings may be received during the consideration of the case and normally you will be informed and given 14 days for further response. Generally planning applications where 3 or more objections have been received are presented to the Planning Services Committee which is made up of elected Ward Councillors. Planning Officers write a report to the Committee with a recommendation as to whether the application should be granted or refused. Letters received are summarised in the report, and copies can be seen by Councillors and members of the public, including the applicant. The Councillors make the decisions and are not bound by the Planning Officer's recommendation. All meetings of the Committee are open to the public.

If you would like further information, about the application itself or when it is likely to be decided, please contact the Planning Department on the telephone number overleaf.

WHERE TO SEE THE PLANS

Details of the application can be seen at the Planning Information Office, 3rd floor, Town Hall, Hornton Street W.8. It is open from 9am to 4.45pm Mondays to Thursdays (4pm Fridays). A Planning Officer will always be there to assist you.

In addition, copies of applications in the Chelsea Area (SW1, SW3, SW10) can be seen at The Reference Library, Chelsea Old Town Hall, Kings Road SW3 (020 7361 4158), for the Central Area (W8, W14, SW5, SW7) can be viewed in the Central Library, Town Hall, Hornton Street, W.8. and applications for districts W10, W11 and W2 in the North of the Borough can be seen at The Information Centre, North Kensington Library, 108 Ladbroke Grove, London W11 (under the Westway near Ladbroke Grove Station 020 7727-6583). Please telephone to check the opening times of these offices.

If you are a registered disabled person, it may be possible for an Officer to come to your home with the plans. Please contact the Planning Department and ask to speak to the Case Officer for the application.

PLEASE QUOTE THE APPLICATION REFERENCE NUMBER ON YOUR REPLY

MEMORANDUM

TO: FOR FILE USE ONLY

**From: EXECUTIVE DIRECTOR
PLANNING & CONSERVATION**

My Ref: PP/04/00924/IW

CODE SP

Room No:

NEWSPAPER DATE: 07/05/2004

Date: 30 April 2004

DEVELOPMENT AT:

Grenfell Tower, Lancaster West Estate, Grenfell Road, London, W11 1TH

DEVELOPMENT:

**Provision of a bricked enclosure at ground level for proposed pump for hydraulic lift.
(Council's Own Development)**

The above development is to be advertised under:-

NOT IN ANY OF THE USUAL CATEGORIES.

M.J. French

Executive Director, Planning & Conservation



Butler & Young Associates
CONSTRUCTION CONSULTANTS
(N.W./Midlands Office)

Our ref.: CLS/BYA/NW/Midlands Office/W8584/mw

Date: 21/04/04

Head of Planning Services
 ROYAL BOROUGH OF KENSINGTON & CHELSEA
 3rd Floor
 The Town Hall
 Hornton Street
 LONDON
 W8 7NX

PP040924

FAO: TRACEY RUST

Dear Sirs

EX DIR	HDC	TP	CAC	AD	CLU	AO AK
R.B. K.C.	26 APR 2004				PLANNING	
N	C	SW	SE	APP	IO	REC
			ARB	FPLN	DES	FEES

**PROPOSED PUMP ROOM FOR HYDRAULIC LIFT, GRENFELL TOWER,
 LANCASTER WEST ESTATE, GRENFELL ROAD, LONDON W10**

I hereby apply for full Planning Permission for the above proposal. I attach the following documents in support of the application.

- a) 5 no copies of drawing no:
 C8584/A01/A – plans, elevations existing as proposed.
- b) 5 no copies of completed Planning Application Forms
- c) 1 no copy of Certificate 'B'
- d) Cheque for £110.00 to accompany the application.

Should you require any further information, please contact me.

Yours faithfully

C.L. SWINNERTON MRICS, FCIQB, MaPS, Cert. FM (post-grad)
N.W./Midlands Area Manager
BUTLER & YOUNG ASSOCIATES

Enc.

CC: Butler & Young Lift Consultants Ltd.

Elm House
 Pandy Industrial Estate
 PANDY
 Wrexham
 LL11 2UD

telephone:
 01978 363390

facsimile:
 01978 363379

e-mail address :
 colin.swinnerton@bya-
 nw.co.uk

directors:

A.J. Seymour, FCIQB FAS, MBIM
 P. Rowing, IEng, MIEE
 Eur Ing M.D. Wetton, BTech(Hons),
 CEng, MIMechE, MCIBSE, MASHRAE
 MCIOB, MASI, MRICS

principal civil engineer:

J. Bryce, CEng, MICE, MStructE

Mike Hg.

chartered building surveyors

civil engineers

electrical engineers

mechanical engineers

public health engineers

planning supervisors

structural engineers

project managers

fire engineers



Butler & Young Services Limited
 Registered Office:
 1st Floor, 54-62 Station Road, East, Oxted,
 Surrey RH8 0PQ
 Registered in England Number 2413231

INFORMATION REQUEST FORM

Planning Services to Environmental Health

To: Paul Morse - Director of Environmental Health

Planning Reference No.: PP104/924

Planning Case Officer: Ian Williams

Address/Issue

Grenfell Tower.

Summary of Proposal:

Policy Issue/Subject of Advice

(key Features)(Uses,Scale etc.)(Main Issues/Problems).

Any Comments?

Schedule of Attachments:

Specifications: Enclosed
 Drawings: 1
 Supporting Info:
 Draft Text etc.:

Schedule of Key Dates:

1. Case initiated/Application received: 01/12/04
 4. Information required by: 15/11/04
 2. Sent by Planning Services: 01/03/04
 5. Returned by Environmental Health:
 3. Entered on EHIS:

Purpose/Status of Request:

- | | | |
|--|---|---|
| <input checked="" type="checkbox"/> Planning Application | <input type="checkbox"/> Planning Appeal | <input type="checkbox"/> Planning Brief |
| <input type="checkbox"/> Planning Issues paper | <input checked="" type="checkbox"/> Planning Guidance | <input type="checkbox"/> UDP Consultation |
| <input type="checkbox"/> Impact Assessment | <input type="checkbox"/> General Advice | <input type="checkbox"/> Other |

Nature of Request in brief:

Any Comments? Can the Conditions be discharged.

Previous Planning History:

Need for telephone discussion of background ☐

Essentials of relevant UDP or other Policy:

Need for telephone discussion of background ☐

Specific Issues for Environmental Health Comment

- | | | | |
|--|--|--------------------------------------|--------------------------------|
| <input type="checkbox"/> Food | <input type="checkbox"/> Health and Safety | <input type="checkbox"/> HMO's | <input type="checkbox"/> Other |
| <input checked="" type="checkbox"/> Noise and Nuisance | <input type="checkbox"/> Contaminated Land | <input type="checkbox"/> Air Quality | |

E.H. Response: (Continue on reverse if necessary)

EHIS Reference No.: 822912/04

Response sent 14/12/2004

Keith McNaughty

OK
 MAY
 8/12/04

E.H. Case officer(s) and telephone number(s):

Memorandum

DATE: December 14, 2004

TO: Director of Planning
for the attention of Ian Williams

FROM: Director of Environmental Health
Keith Mehaffy -extension 5702

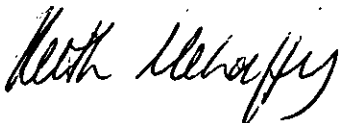
RE: Grenfell Tower Grenfell Road London W11 pp/04 /924

I acknowledge receipt of the above planning referral in regard to the discharge of the conditions in connection with the above approval for the installation of a hydraulic pump within a brick enclosure. I have had the opportunity of assessing the plans and the Acoustic report. I would like to make the following observations in connection with the discharge of condition 7 and 8 of the approval.

The pump will be installed within a brick enclosure, with concrete roof; the entrance door and frame will have a sound reduction index comparable to 30dB. The plant will be positioned on anti-vibration mounts. The acoustic report shows that the enclosure will satisfy the council's plant criteria of a zero dB(A) increase in the lowest background levels.

In view of this I consider that condition 7 and 8 have been complied with, however the conditions need to be retained as the criteria has to be maintained to ensure that unnecessary disturbance is not created to neighbouring residents.

I hope that this information is useful, please do not hesitate to contact me on the above telephone number should you wish to discuss this matter further.



Mr K Mehaffy
Area Senior Environmental Health Officer
Noise and Nuisance Team.



Butler & Young Associates

multi-discipline consultants

Our Ref: W8584/MF/012

25th November 2004

The Royal Borough of Kensington and Chelsea
Planning and Conservation
The Town Hall
Hornton Street
London W8 7NX

For the attention of I. Williams

Dear Sirs

GRENFELL TOWER, GRENFELL ROAD, W10 (REF. PP/04/00924/MIND) Proposed Pump Room – Acoustic Report and Recommendations

Further to the Town Planning Consent Approval dated 10 June 2004, please find enclosed 2 copies of acoustic report provided by Hann Tucker Associates relating to the Planning Conditions Nos. 5, 6, 7 and 8.

The report recommends some additional work to ensure compliance with acoustic criteria etc. and we have recommended to Butler & Young Lift Consultants Ltd. / Royal Borough of Kensington and Chelsea TMO that the following amendments are incorporated into the works:

1. Acoustic filling and sealing at the services aperture between new and existing building and rainwater pipe penetration through external wall of new enclosure.
2. New pump to be located on a caged spring mounting to comply with anti-vibration requirements indicated in acoustic report.
3. Initial run of pipework from pump to be flexible to accommodate any vibration movement due to the caged spring mounting.
4. Plant room door to be upgraded to an acoustic door with certification by manufacturer.

We will incorporate these proposals on drawings and submit them "For Acoustic Approval" for your attention and approval, prior to construction on site.

We have not made contact with the Environmental Health Department at this stage, however, we would be grateful if you would forward a copy of the report to the appropriate person, and advise us of the contact details.

OPE

OW

h

1/12.

EX DIR	HDC	TP	CAC	AD	CLU	AO AK
R.B. K.C.	2 6 NOV 2004				4	ANG
X	C	S.A.	SE	APP	IO	REC
HBS			ARB	FPLN	DES	EES

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mechanical engineers

public health engineers

planning supervisors

structural engineers

project managers

fire engineers



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Butler & Young Associates
multi-discipline consultants

Our Ref: W8584/MF/012
25th November 2004
Page 2 of 2

It would be helpful if there was any feedback on the Hann Tucker Acoustic report prior to us finalising drawings etc.

Please call Mike Flynn on 01883 717172 should you wish to discuss the above points.

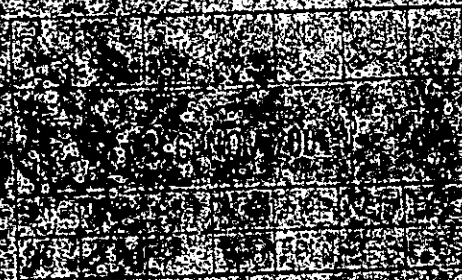
Yours faithfully

M. Flynn

Enclosure

Lift Pump Room Grenfell Tower W11

**ENVIRONMENTAL NOISE SURVEY &
PLANT NOISE ASSESSMENT
REPORT 11818/ENS1/REV1**



Hann Tucker Associates
Consultants in Acoustics, Noise and Vibration Control

Lift Pump Room Grenfell Tower W11

ENVIRONMENTAL NOISE SURVEY & PLANT NOISE ASSESSMENT REPORT 11818/ENS1/REV1

For :
Butler & Young Associates
1st Floor
54-62 Station Road East
Oxted
Surrey
RH8 0PG

15 November 2004

HANN TUCKER ASSOCIATES

Consultants in Acoustics
Noise and Vibration

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Tel : 01483 770595
Fax : 01483 729565
e-mail : Enquiries@HannTucker.co.uk

(cb)

REPORT 11818/ENS1/REV1

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1.0 INTRODUCTION

A new lift and pump room is proposed at Grenfell Tower W11. The site lies within an office and residential noise sensitive area. Hann Tucker Associates have therefore been commissioned to undertake a detailed environmental noise survey of the site.

This report presents the results of the survey. In addition the survey data may be used as the basis for various acoustic assessment purposes.

2.0 OBJECTIVES

To establish, by means of detailed 24 hour daytime and night time fully automated environmental noise monitoring, the existing A-weighted (dBA) L_{10} , L_{90} , L_{eq} and L_{max} environmental noise levels at a selected accessible position around the proposed development site.

Based on the results of the noise survey, and in conjunction with the Local Authority, to recommend suitable plant noise emission criteria.

3.0 SITE DESCRIPTION

The site currently consists of a large tower block, comprising of offices and residential properties. The lift pump room is proposed for location on the exterior of the ground floor of the tower block.

4.0 ACOUSTIC TERMINOLOGY

The acoustic terms used in our Report are as follows:

- dB : Decibel - Used as a measurement of sound pressure level. It is the logarithmic ratio of the noise being assessed to a standard reference level.
- dB(A) : The human ear is more susceptible to mid-frequency noise than the high and low frequencies. To take account of this when measuring noise, the 'A' weighting scale is used so that the measured noise corresponds roughly to the overall level of noise that is discerned by the average human. It is also possible to calculate the 'A' weighted noise level by applying certain corrections to an un-weighted spectrum. The measured or calculated 'A' weighted noise level is known as the dB(A) level.

Because of being a logarithmic scale noise levels in dB(A) do not have a linear relationship to each other. For similar noises, a change in noise level of 10dB(A) represents a doubling or halving of subjective loudness. A change of 3dB(A) is just perceptible.

L_{10} & L_{90} : If a non-steady noise is to be described it is necessary to know both its level and the degree of fluctuation. The L_n indices are used for this purpose, and the term refers to the level exceeded for $n\%$ of the time, hence L_{10} is the level exceeded for 10% of the time and as such can be regarded as the 'average maximum level'. Similarly, L_{90} is the average minimum level and is often used to describe the background noise.

It is common practice to use the L_{10} index to describe traffic noise, as being a high average, it takes into account the increased annoyance that results from the non-steady nature of traffic noise.

L_{eq} : The concept of L_{eq} (equivalent continuous sound level) has up to recently been primarily used in assessing noise in industry but seems now to be finding use in defining many other types of noise, such as aircraft noise, environmental noise and construction noise.

L_{eq} is defined as a notional steady sound level which, over a stated period of time, would contain the same amount of acoustical energy as the actual, fluctuating sound measured over that period (e.g. 1 hour).

The use of digital technology in sound level meters now makes the measurement of L_{eq} very straightforward.

L_{max} : L_{max} is the maximum sound pressure level recorded over the period stated. L_{max} is sometimes used in assessing environmental noise where occasional loud noises occur, which may have little effect on the L_{eq} noise level.

5.0 METHODOLOGY

5.1 Procedure

Fully automated environmental noise monitoring was undertaken from approximately 11:00 hours on Thursday 28 October to 15:00 hours on Friday 29 October 2004.

Due to the nature of the survey, i.e. unmanned, it is not possible to accurately comment on the weather conditions throughout the entire survey period. However at the beginning and end of the survey period the wind conditions were light. The sky was generally clear. We understand that generally throughout the survey period the weather conditions were fair.

Measurements were taken continuously of the A-weighted (dBA) L_{10} , L_{90} , L_{eq} and L_{max} sound pressure levels over 10 minute periods.

5.2 Measurement Position

The noise level measurements were undertaken at 1 position at the development site. The Position was selected in order to assess typical noise levels at the development site for subsequent use in setting plant noise emission criteria. The measurement position is described below, and the approximate location is indicated on the enclosed Site Plan 11818/SP1.

Position No	Description
1	The sound level meter was located at 2 nd floor level protruding from the window of the reception area of the Social Services Offices in Grenfell Tower. The position was overlooking the proposed location of the lift pump room and opposite residential properties.

5.3 Instrumentation

The instrumentation used during the survey is presented in the Table below:

Description	Manufacturer	Type
Type 1 Data Logging Sound Level Meter	Larson Davis	820
Type 1 ½" Condenser Microphone	Larson Davis	2541
Type 1 Calibrator	Larson Davis	CAL200

The sound level meter, including the extension cable, was calibrated prior to and on completion of the survey. No significant change was found to have occurred.

The sound level meter was located in an environmental case with the microphone connected to the sound level meter via an extension cable. The microphone was fitted with a Larson Davis windshield.

6.0 RESULTS

The sound level meter was positioned close to a wall/window, i.e. not in a free field position. A correction of -3dBA has therefore been applied to the measured noise levels so as to account for worst-case reflective noise effects.

The corrected results have been plotted on Time History Graphs 11818/TH1 and 11818/TH2 enclosed presenting the A-weighted (dBA) L_{10} , L_{90} , L_{eq} and L_{max} levels at each measurement position throughout the duration of the survey.

The following lowest measured L_{A90} noise levels were recorded during the survey period.

Position	Lowest Measured L_{90} Noise Level (dBA)			
	Office (08:00 – 18:00 hours)	Evening (18:00 – 23:00 hours)	Night Time (23:00 – 07:00 hours)	24 Hrs
1	50	49	45	45

7.0 DISCUSSION OF NOISE CLIMATE

Due to the nature of the survey, i.e. unmanned, it is not possible to accurately describe the dominant noise sources, or specific noise events throughout the entire survey period. However at the beginning and end of the survey period the dominant noise source were noted to be traffic on surrounding roads.

8.0 PLANT NOISE EMISSION CRITERIA

We understand that the requirements of Kensington and Chelsea Royal Borough Council are as follows:

Noise emitted by the pump for the hydraulic lift hereby permitted shall not increase the existing lowest $L_{A90(10min)}$ background noise level at any time when the pump is operating. The noise emitted shall be measured or predicted at 1.0m from the façade of the nearest residential premises or at 1.2m above the adjacent residential garden, terrace, balcony or patio."

Based on the above criteria, and the results of the environmental noise survey, we therefore propose the following future plant noise emission criteria to be achieved (with all relevant plant operating simultaneously) at 1 metre from the nearest noise sensitive facades based on the minimum measured L_{A90} noise level.

Position	Noise Emission Limit (dBA)			
	Office hours (08:00 – 18:00 hours)	Evening (18:00 – 23:00 hours)	Night Time (23:00 – 07:00 hours)	24 Hrs
1	40	39	35	35

The criteria presented above may be increased by 5dBA for emergency plant such as standby generators. If plant contains tonal or impulsive characteristics the external design criteria should be reduced by 5dBA.

It should be noted that the above criteria are subject to final approval by Kensington and Chelsea Royal Borough Council.

9.0 PROPOSED PLANT AND PLANT ROOM CONSTRUCTION

We understand that it is proposed to install an Orion (140-46) lift pump within the proposed plant room. Following correspondence with Bucher Hydraulics, pump manufacturers, we understand the pump to have the following Noise Emission Levels during operation.

Lift Operation	Plant Noise Emission Level dB @ Octave Band centre Frequency (Hz) @ 1.5m								dB(A)
	63	125	250	500	1k	2k	4k	8k	
Downward Travel	38	50	52	54	56	56	56	60	64.3
Upward Travel	41	44	50	65	58	57	52	52	66.8
Refilling	-	40	55	61	66	59	49	44	68.3

Note: The above noise levels are based on measurements made of the plant at a distance of 1.5m, enclosed in a room of dimensions 5m (length), 3m (width) and 2.5m (height).

Based on drawings W8584/A/01 and W8584/A/02 supplied by Butler & Young Associates we understand the proposed plant room to be of the following dimensions and construction.

Proposed Plant Room Dimensions

Width = 2000mm
Length = 2500mm
Height = 2550mm

With a single door of 900mm x 2100mm of Timber/Steel construction closing onto a Wintun Door Threshold Strip.

The construction of the walls is to be 2 x 215mm brickwork, fairfaced both sides.

The construction of the roof is to be 150mm Concrete Slab.

There is a 60mm diameter penetration in one wall for a PVC RWP taken through the wall.

There are 2No Terra Cotta Airbricks (225 x 225mm) providing ventilation on the South of the proposed pump room.

The approximate location of the proposed pump plant room is indicated on the enclosed site plan 11818/SP1.

10.0 DISCUSSION

Our analysis has been based on achieving the Plant Noise Emission criteria at the nearest residential properties. These have been identified as the Residential Properties within Grenfell Tower at 2nd floor level, the approximate locations of which are identified on the enclosed site plan 11818/SP1.

Our calculations have included estimates of noise reduction provided by the plant room and also distance attenuation of approximately 10 metres to the residential properties.

Our calculations indicate that the Plant Noise levels incident on the residential properties, due to operation of the proposed lift pump, should achieve the criteria proposed in Section 8.0.

The following assumptions have also been made concerning the construction of the plant room:

- All service penetrations through the plant room are correctly sealed by methods detailed in the attached sketch 11818/MP1, or by methods providing a similar acoustic performance.
- The plant room door should achieve the specification detailed on the enclosed specification sheet.

11.0 CONCLUSIONS

A new lift pump and plant room, housing the lift pump, are proposed for installation/construction adjacent to the ground floor of Grenfell Tower, London.

A detailed 24 hour daytime and night time fully automated environmental noise survey has been undertaken in order to establish the currently prevailing environmental noise climate around the proposed development site.

Plant noise emission criteria have been proposed based on the results of the noise survey and in conjunction with the Local Authority criteria.

An acoustic assessment has been undertaken so as to calculate whether the noise from the lift pump will achieve the plant noise emission criteria. Our calculations indicate that the lift pump is likely to achieve the criteria.

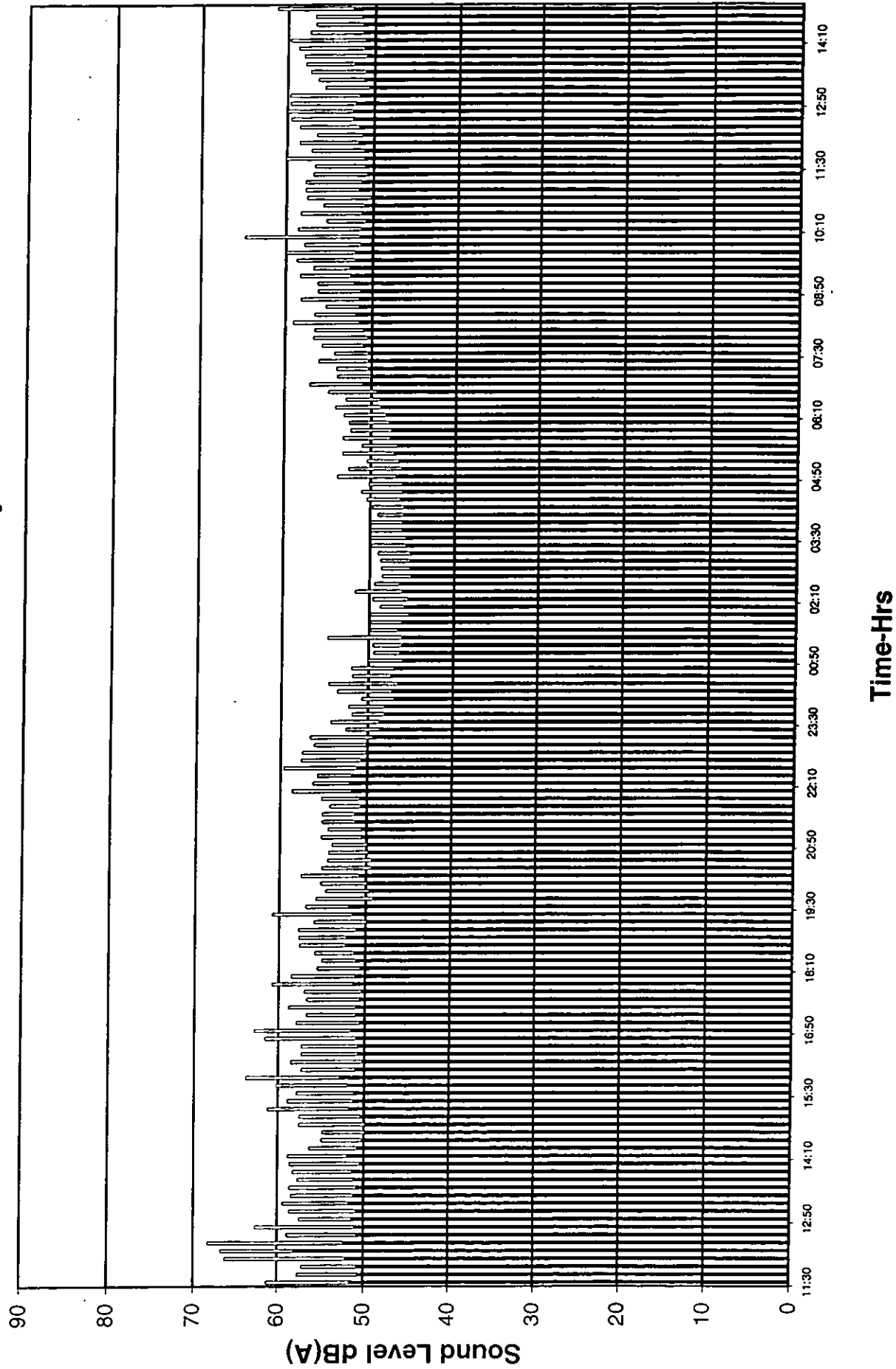


Prepared by
Mark Brightwell
Assistant Consultant
HANN TUCKER ASSOCIATES

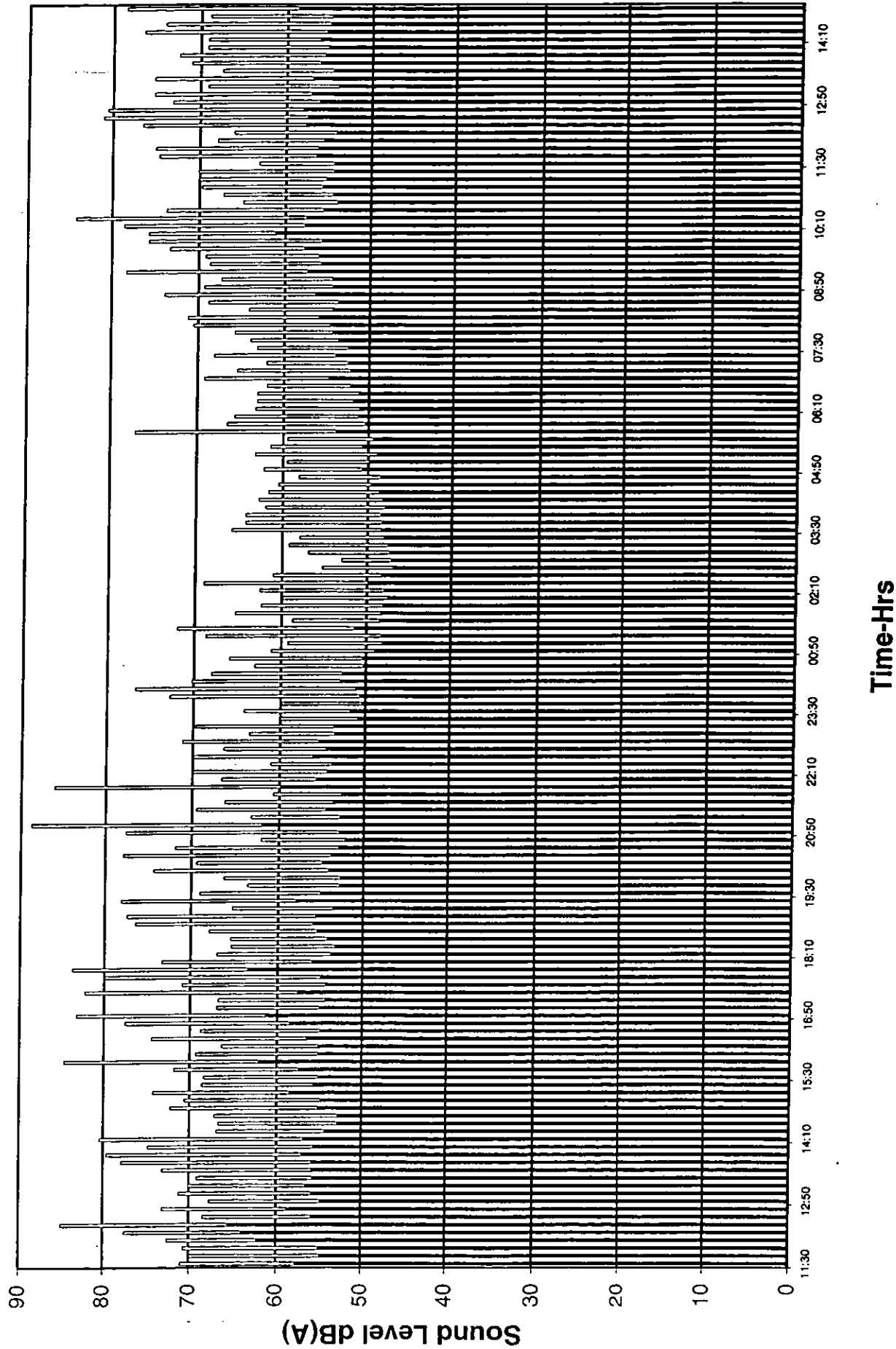


Checked by
John Ridpath
Principal Consultant
HANN TUCKER ASSOCIATES

**Grenfell Tower,
Measured L_{A10} and L_{A90} Noise Levels
Thursday 28/10/2004 - Friday 29/10/2004**

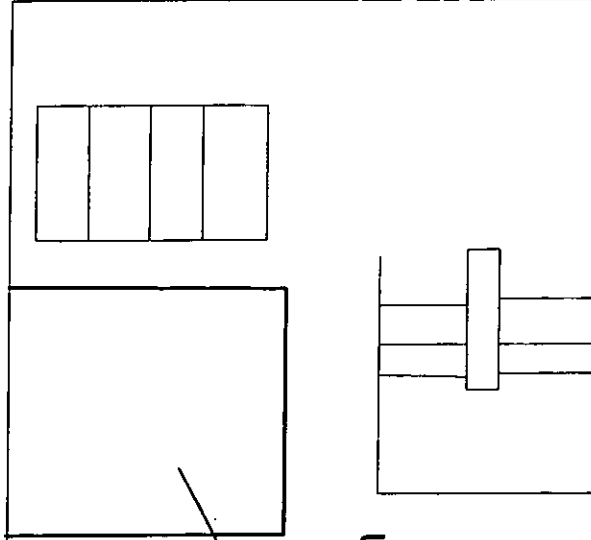


**Grenfell Tower,
Measured L_{Aeq} and L_{Amax} Noise Levels
Thursday 28/10/2004 - Friday 29/10/2004**



Residential Properties (Second Floor Level)

Measurement Position
(Second Floor Level)



Proposed Plant Room Location
(Ground Floor Level)

Title :

Site Plan Showing
Approximate Measurement
Position & Proposed
Plant Room Location

Project :

Grenfell Tower
London

Figure :

11818/SP1

Date :

15/11/04

Scale :

N.T.S.

Hann Tucker Associates
Consultants in Acoustics
Noise and Vibration Control



Duke House 1-2 Duke Street
Woking Surrey GU21 5BA
Telephone Woking (01483) 770565
Facsimile Woking (01483) 728565

VIBRATION ISOLATOR SCHEDULE

DATE : 15 November 2004

REF : 11818/VIS

Grenfell Tower W11, London

Hann Tucker Associates
Duke House
1-2 Duke Street
Woking, Surrey GU21 5BA

Tel : (01483) 770595
Fax: (01483) 729565

AVM Ref.	Plant Ref	System Description	Location	Power (kW)	Base Code	Isolator Code	Static Deflection (mm)
		Lift Pump	Lift Pump Plant Room	16	Base Frame	CSS/R	15
		Pump Pipework	First 100 pipe diameters or up to first structural penetration – whichever is greater.	-	-	To suit deflection	15

GRENFELL TOWER, LONDON, W11**ACOUSTIC SPECIFICATION FOR****ACOUSTIC DOOR SET(S)****HAVING MEAN SRI OF 30dB****Performance**

The door set(s) shall provide the following octave band Sound Reduction Indices (SRI's) when tested in accordance with BS EN ISO 140-3:1995:

Minimum Sound Reduction Indices (dB) at Octave Band Centre Frequency (Hz)						Mean SRI (dB) (100-3150 Hz)
125	250	500	1k	2k	4k	
21	26	30	33	35	36	30

The manufacturer or supplier of the acoustic door set(s) shall guarantee the specified SRI, and ensure that the method of installation does not detract from the guaranteed performance. Any failure to meet the specification because of faulty design, manufacture or installation, will result in the manufacturer or supplier being held liable for remedial or replacement costs including consequential liability.

Construction

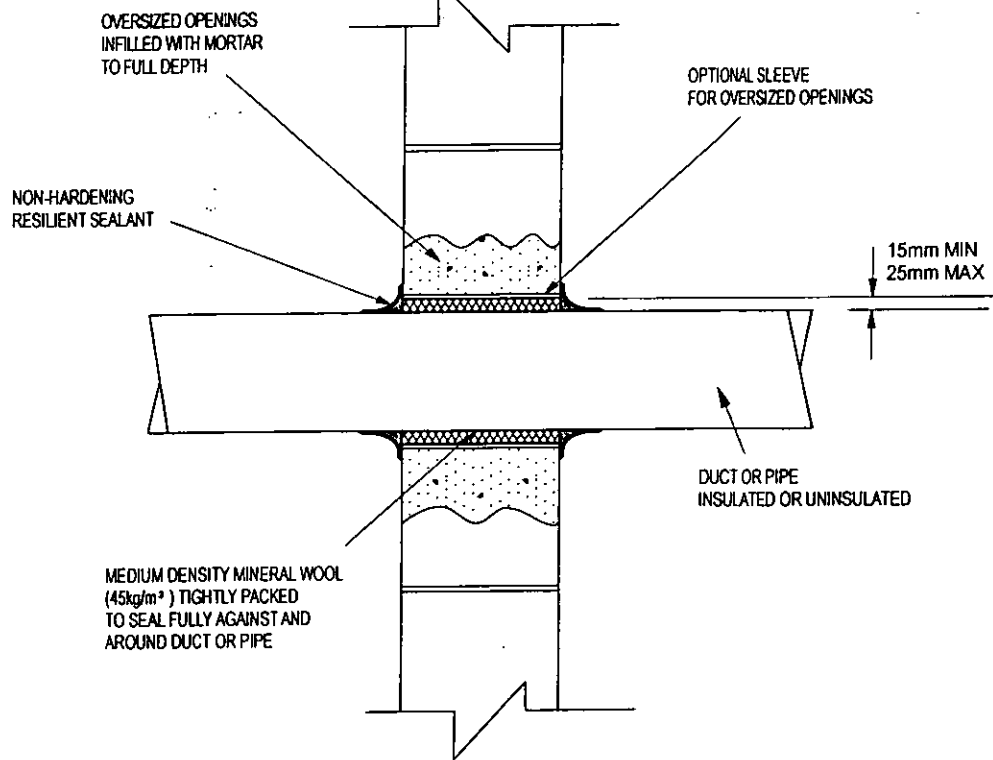
The acoustic door set(s) shall be supplied complete with all the seals and frames, and with furniture as specified by the Architect.

The door furniture should be designed and installed so as to ensure that the seals are acoustically effective over the whole periphery of the door.

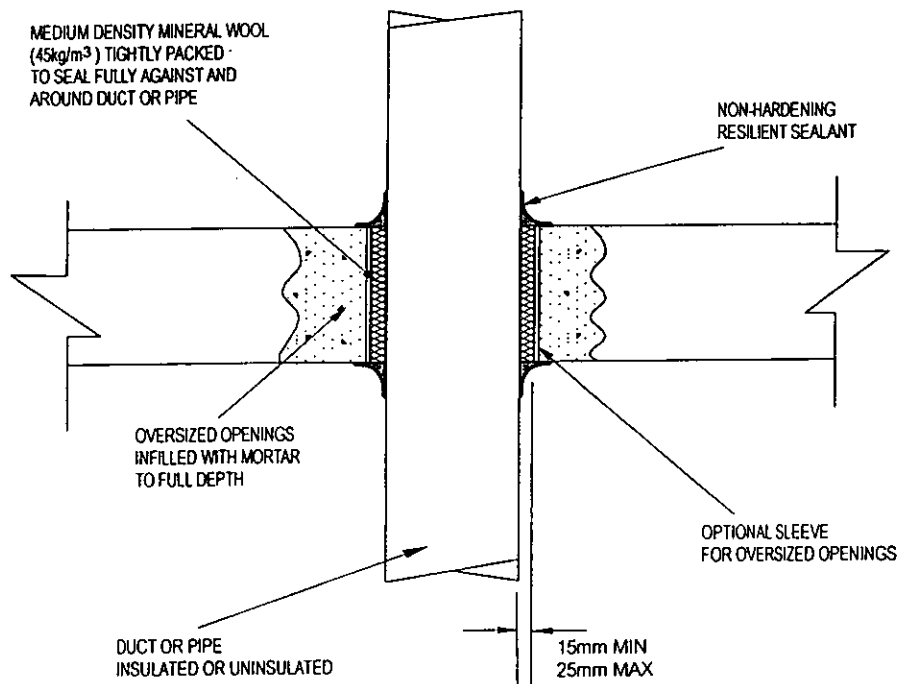
Wiper seals will not be permitted at thresholds; doors must be fitted with a raised threshold or rising butt hinges with a compression seal.

Any deviations from the above specification must be agreed by, and confirmed in writing to, Hann Tucker Associates.

WALL DETAIL



FLOOR DETAIL



Hann Tucker Associates
Consultants in Acoustics
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Telephone Woking (01483) 770595
Facsimile Woking (01483) 729565

Title :

Method of Sealing Service Penetrations
Through Masonry Constructions

Project :

Grenfell Tower
London

Date :

05/11/04

Scale :

N.T.S.

Figure :

11818/MP1