

TOWN AND COUNTRY PLANNING ACT 1990

DACORUM BOROUGH COUNCIL

Application Ref. No. 4/1459/93

Lyons & Sleeman & Hoare  
82 Park Street  
Camberley  
Surrey  
GU15 3NY

DEVELOPMENT ADDRESS AND DESCRIPTION  
=====

Land adjacent to 320 High Street, St John's Well Lane, Berkhamstead

SUBMISSION OF DETAILS OF SOUND ATTENUATION PURSUANT TO CONDITION 14 OF P/P  
4/0929/93 (VETERINARY SURGERY & FLAT)

Your application for *the approval of details or reserved matters* dated 28.10.1993 and received on 29.10.1993 has been **GRANTED**, subject to any conditions set out on the attached sheet(s).

Director of Planning.

Date of Decision: 20.12.1993

(encs. - Conditions and Notes).

CONDITIONS APPLICABLE  
TO APPLICATION: 4/1459/93

Date of Decision: 20.12.1993



The details of sound attenuation hereby approved are those set out in the attached letter dated 4 October 1993.

Reason: For the avoidance of doubt.

93/1056

## Lyons + Sleeman + Hoare

CHARTERED ARCHITECTS • DESIGNERS • PLANNERS

Our Ref: 93/60/3/BJ/jb

4th October 1993

Building Control Manager  
Dacorum Borough Council  
Civic Centre  
Hemel Hempstead  
Herts  
HP1 1HH

PLANNING DEPARTMENT DACORUM BOROUGH COUNCIL							
Ref.				Ack.			
Ref	TCPN	1	2	3	4	5	6
Received				5 OCT 1993			
Attention of Mr. I.C. Saunders							

Attention of Mr. I.C. Saunders

Dear Sirs,

VETERINARY SURGERY, ST. JOHNS WELL LANE, BERKHAMSTED

We respond as follows to the points raised in your letter to us dated 24th September 1993, in order for you to consider the Building Regulation application for the above. Duplicate copies of revised application drawings (no's. 93/60/01A to 06A inclusive) are enclosed as requested.

1. The structural engineers shall forward the required drainage information under separate cover to you.
2. Fire stopping of soil vent pipes passing through the first floor construction is by a proprietary fire stop seal fixed to the soffit of the floor using non combustible proprietary fixings or threaded bolts through brackets provided with seal, i.e. 'Quelfire' UPVC fire stop seal or equivalent.
3. We confirm all fire doors shall have positive self closing devices. These shall be overhead door closers of surface mounted hydraulic check design to both surgery and flat fire doors.
4. One disabled persons car space is shown on revised drawing no. 93/60/P1A enclosed.

The dimensions for the disabled w.c. layout to the surgery as shown on drawing 93/60/P1A are 1500mm wide x 2000mm long. The internal layout is in accordance with ADM3 diagram 16 including all fittings as shown.

cont....

82 Park Street, Camberley, Surrey GU15 3NY Telephone: (0276) 692266 Facsimile: (0276) 692207

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Nigel Thornton Dip Arch, RIBA, Andrew Aldridge BA, Dip Arch, RIBA, Philip Piper BA, Dip Arch, RIBA.

Associates: Mario Avendano UCH, RIBA, Steve Whitlock MBIAI, Nigel Butcher BA, BArch, RIBA, Colin Darby BSc, DipTP, Dip Urban Design, MRTPI,  
Justin Donnan BSc, BArch, RIBA, Peter Stockhouse BA, Dip Arch, RIBA, John Stamp BA, Jan Legg MBIAI.

Michael Pawley LLB, ACA, MIMg; Douglas Leader Dip Arch, RIBA, (Consultant)

VAT Registration No GB 239 6627 29

LYONS+SLEEMAN+HOARE  
Our Ref: 93/60/3/BJ/jb  
4th October 1993  
Mr. I.C. Saunders

CHARTERED ARCHITECTS  
AND TOWN PLANNERS

5. U Value Calculation for External Cavity Wall  
(Full Cavity fill)

<u>Material</u>	<u>Thickness</u> (m)	<u>Thermal</u> <u>Conductivity</u> W/mK	<u>Resistance</u> sq.m.K/W
Resistance of outside surface	-	-	0.06
Brickwork outer leaf	0.1	0.84	0.12
Rockwool Cavity Wall batts	0.065	-	1.91
Blockwork inner leaf of 7N/mm2	0.1	0.51	0.19
Lightweight plaster	0.013	0.16	0.08
Resistance of inside surface	-	-	0.12

total resistance:-

2.48

U value of construction =  $\frac{1}{2.48}$  = 0.40W/m2K

6. Details of glazing:

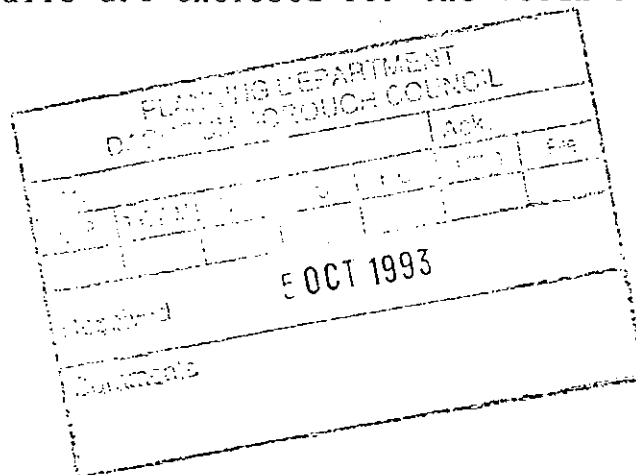
We confirm lower fixed panels up to 900mm above finished floor level of full height storey frame on front elevation to be double glazed fixed units with panels of 8mm annealed glass and each pane not exceeding 1100mm square to comply with AD N1(a) and in accordance with diagram 2 of AD N1.

7. Guarding to the full height storey frame is provided by timber mid rail set at 900mm above finished floor level. Note the external metalwork is a window box with no full access from inside. Any glazing in internal doors to surgery is of maximum 250mm wide and of area not exceeding 0.5sq.m. in accordance with AD N1.1.6

8. Manufacturers details and performance specification for the insulation board to roof and walls are enclosed.

9. Manufacturers details are enclosed for the Velux rooflights.

cont.....



LYONS+SLEEMAN+HOARE

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4th October 1993

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CHARTERED ARCHITECTS  
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10. External guarding outside the flat entrance door is of 13mm diameter vertical mild steel bars at 100mm centres between 40mm x 6mm solid mild steel horizontal members fixed back to 40mm x 10mm steel legs inset in brickwork joint one end and at outer to lugs on 50mm x 50mm RHS post. Post extended leg with 150mm sq. mild steel footplate bolted through or set into concrete foundation. Height of top rail is 1100mm above ground level.
11. We confirm 150mm mineral wool insulation shall be provided to the roofspace.
12. Drainage detail of storage lab sink is being forwarded to you by the structural engineer under separate cover.
13. Manufacturers literature of standard fire exit signs are enclosed marked up to indicate signs used. These shall be of the self adhesive vinyl to door and 1mm plastic type to walls. Their location is indicated on revised drawing 93/60 P1A enclosed.
14. Details of Masonry Wall between stairwell and flat:-

This shall be a cavity wall in accordance with AD E Wall type 2 construction B.

Mass including plaster of 415kg/m<sup>2</sup>.

Wall construction is of 13mm plaster 100mm blockwork / 65mm cavity / 100mm blockwork / 13mm plaster.

Block density of 1990kg/m<sup>3</sup> i.e. Tarmac 'Topcrete' dense block or equivalent standard.

This wall becomes an external wall onto the flat roof area.

The cavity is filled with Cavity Wall batts. External leaf of brickwork (above roof dpc level) and the construction is as that calculated in item 5 to achieve U value of less than 0.45 W/m<sup>2</sup>K.

Details of floor between flat and surgery.

This is a precast concrete beam and blockwork infill pot floor in accordance with AD E floor type 1 construction C.

The combined mass of the beam, block, screed and ceiling finish to 365kg/m<sup>2</sup>.

cont....

PLANNING DEPARTMENT DACORUM BOROUGH COUNCIL							
Ref.	Ack.						
27	10	11	12	13	14	15	16
Received				5 OCT 1993			
Comments							

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The structural engineer is forwarding details of the floor construction to you under separate cover.

15. The services engineers are forwarding to you under separate cover details of the fire alarms and areas of zoning.

The position of fire exit signage is noted on enclosed drawing 93/60/P1A.

16. Duplicate copies of the revised plans drawing nos. 93/60/P1A to P6A inclusive are enclosed.

17. Your structural consultants comments have been passed to the structural engineer for attention, who are forwarding the required information to you under separate cover.

18. We trust the above provides you with the necessary information to consider the application on 7th October 1993 and consult the Fire Officer.

Yours faithfully

*B. A. Johnson*

Brian Johnson  
For and on behalf of  
LYONS+SLEEMAN+HOARE  
Camberley

enc.

c.c. R. Colling, Esq

PLANNING DEPARTMENT DACCOMB BOROUGH COUNCIL						
1	2	3	4	5	6	7
SEP	OCT	NOV	DEC	JAN	FEB	MAR
Received				5 OCT 1993		
Comments						