

93- 99 KINGS CROSS ROAD LONDON WC1X 9LP

DESIGN & ACCESS STATEMENT

NEW AC PLANT

The application is for a new Heat Recovery unit within an Acoustic Enclosure to be located externally at basement level. The equipment will be mounted against the side wall of a stair core. There is a high brick wall to the boundary of the property approximately 1.5m away from the proposed location of the unit.

No 93-95 and no 97-99 are two separate hostel properties owned and managed by Circle Anglia, a social housing organisation.

These works form part of the refurbishment of the ground and basement floors of both buildings to provide a single point of managed entry for the hostel, improve communal areas and provide better accessibility both to and within the buildings. These works are the subject of an earlier planning application, reference 2010/ 0743/P. There is an existing ventilation system (in 93-95) but this is not operational and cannot be extended to cover the new communal spaces in 97-99.

The new plant equipment has been selected by a specialist to provide energy efficient heating and cooling to the ground floor café and office spaces, basement meeting rooms, basement office spaces and training rooms. The property faces onto a busy road and the opportunity for opening windows for ventilation on the front elevation is minimal. There are also several larger size spaces at lower ground/ basement level which will require cooling.

The equipment to be installed externally is a Daikin External Heat Recovery Heat Pump Inverter Controlled, model REY-Q-8P. Product information is attached.

The above equipment is for use in normal working hours from 8.00am to 10.00pm and will not be operated at night.

An acoustic assessment has been undertaken and a copy of the report is enclosed to support the application.

DRAWINGS SUBMITTED:

Architect's Drawings:
3237/PA1.10 : Location plan

3237/PA2.21A : proposed basement plan
3237/PA2.22A : proposed ground floor plan
3237/PA2.42A: proposed sections B & D

Mechanical Engineer's Drawings:
BWS-498-501T Basement Level Proposed Mechanical Services Layout

ARP: March 2010