

**DESIGN AND ACCESS STATEMENT**



**50-51 Russell Square  
London, WC1B 4JU**

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## **1. INTRODUCTION**

The proposal is to provide an adequate system that allows the provision of fresh air ventilation to the building without the need for opening window. Currently the only fresh air provided to the building is via opening windows and this is problematic due to heat lose/gain, pollution and external noise levels.

To provide this system it is proposed that 11 new openings will need to be created in the rear elevation, which will be finished with flush aluminium weather louver's.

## **2. AMOUNT**

11No. proposed external opening with weather louver's to be installed to the rear elevation.

## **3. LAYOUT**

The layout will remain as existing.

## **4. SCALE**

The scale will remain as existing.

## **5. LANDSCAPING**

The landscaping will remain as existing

## **6. APPEARANCE**

As shown on the drawings the proposed extract opening will be centred over the windows to the rear elevation, and will be lined up vertically and horizontally. The openings will be covered with milled aluminium weather louver's, which will match the colour and marital of the existing windows frames. The proposed aluminium weather louver's will sit flush with the existing external facade for the building.

## **7. USE**

The use will remain as existing.

## **8. ACCESS**

Access will remain as existing.

## **APPENDIX A – SITE PHOTOGRAPHS**

**Photograph 1**  
Front elevation.



**Photograph 2**  
Side/front elevation – From Russell Square.



**Photograph 3**

Side elevation – From Bedford Place



**Photograph 4**

Car Park entrance – From Bedford Place



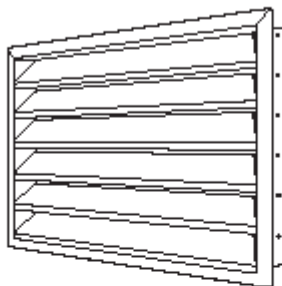


**Photograph 5 & 6**

Rear Elevation – From internal court yard/car park.



## APPENDIX B – WEATHER LOUVER LITERATURE FROM MANUFACTURES



### Fixed blade external louvres (FBL)

**Fixed blade external louvres** (FBL/NB and FBL/WB) are traditionally suited for air intake or discharge at ductwork start and ends of building elevations. They are also often utilised as an architectural feature to modern building design with their versatility lending itself to configurations of circular or trapezoidal designs. Roof top plant screening is also available. Full details of these special units are available on request from our sales office who can offer a full design service. Both narrow blade (pitch of 38mm) and wide blade (pitch of 76mm) external louvres have

45° blade extrusion with an integral rain lip. Standard 32mm wide undrilled outer flanges in aluminium have fully welded mitre corners as standard, with reverse angle flanges for recess mounting also available as an alternative. All units are complete with a birdscreen. Insect screens and extended lower rainlips are available optional extras. FBL louvres are mill aluminium finished as standard, but also available are stove enamel, polyester powder coating to appropriate BS or RAL numbers and Syntha-Pulvin finishes to SP standard colour range.



**FBL-NB**  
Narrow Blade Louvres  
38mm Pitch

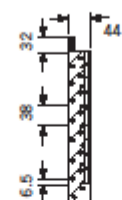


**FBL-WB**  
Wide Blade Louvres  
76mm Pitch

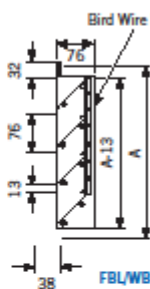
L01

Fixed blade external louvres (FBL)

#### Dimensions



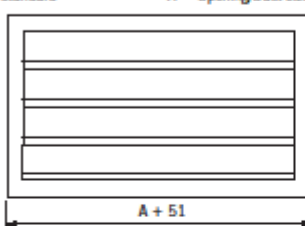
**FBL/NB**



Bird Wire Mesh Standard

**FBL/WB**

A = Opening/Duct size



Louvres are manufactured in one piece units up to 1800mm square

#### REVERSE BUTT FLANGES FOR HORIZONTAL & VERTICAL JOINTS

Louvres exceeding 1800mm in height are supplied in sections with reverse butting flanges drilled for site fixing on the FBL/WB only. FBL/NB require a plate to be fixed to the reverse butt flange as per detail.



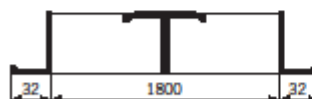
**FBL/NB**



**FBL/WB**

#### VERTICAL SUPPORT

Louvres exceeding 1800mm in width can be supplied in sections with vertical support channels for alignment and site fixing if individual louver face details are required.



Supporting steel can be supplied for large louver applications generally in line with the detail above, for details of sizes and location please contact sales office.