miller construction hurdrolland

MANCHESTER CROWN COURT

DESIGN & ACCESS STATEMENT

In support of the Planning Application for the

Installation of 8 No. AHU units at roof level

1. BACKGROUND

Miller Construction have been appointed by the Ministry of Justice to undertake essential maintenance and refurbishment works at Manchester Crown Court. Working with Hurd Rolland Partnership (Chartered Architects), proposals are hereby submitted for Planning for the works as outlined below.

2. PROPOSED WORKS

The Ministry of Justice have identified specific maintenance tasks which need to be carried out in order for the building to remain fit for purpose for the operational needs of a Court building. Part of these works includes the upgrade of the ventilation systems to a number of the courtrooms, the amenities areas and the public concourse and it is proposed the new AHU's for these areas are located at roof level.

3. DESIGN

Use

The application site is the existing roof of the live Manchester Crown Court. The roof is generally flat with a number of levels where courtyards are present. The finish is a combination of exposed concrete, concrete paving flags (walkways) and stone pebbles. There are a number of existing roof lights, defined walkways for access and maintenance, existing areas of plant and plant screens facing onto Crown Square and Gartside Street.

Amount

The number of proposed AHU's is defined by the requirement for upgrade to the ventilation, which includes 6 No. Courtrooms, the amenities area and the public courthall. Each area requires a dedicated AHU which results in the proposal of 8 No. units.

Layout

The proposed layout is defined by the following factors;

- Located as far back as possible from Gartside Street façade and Crown Square façade in order to reduce views from street level;
- Proximity to area requiring ventilation in order to reduce duct routes;
- Located with access for maintenance;
- Available space on roof away from existing rooflights.

Note that the exact locations will be subject to detailed structural and mechanical investigations.

Scale

The scale of each unit is defined by the technical requirement relating to the area to be ventilated, each unit will be approximately 7l x 2w x 3h meters.

Character and Appearance

The units will not generally be visible from the immediate street level. There are surrounding buildings which overlook the roof, however; there is existing plant on the roof which is currently visible from above.

It is not proposed that the new units are screened therefore the appearance will be of the exposed AHU's. At this stage the exact specification has not been determined; however an example unit is included below for reference.



Fig 1; Example of roof mounted AHU

4. ACCESS

The scope of the works proposed and covered by this application will not affect or alter the existing access arrangements or provision to the building.

5. WORKING HOURS

Due to the operational constraints of the building and the requirement to continue to maintain the local provision of Justice it will be necessary to undertake elements of the proposed works outside of normal working hours, including night time and weekend working.

However, in recognition of the sensitivity of the adjacent neighbourhood, and employing Miller Construction's skill and expertise as a highly rated Considerate Contractor, it is proposed that all noisy works will cease by 11:00pm Monday to Friday and 5:00pm at weekends, whilst less disruptive works may continue beyond these times, to minimise the overall period for the works and thus the Contractor's presence on site.

Naturally, as this project progresses and proposals finalised, Miller Construction will utilise their extensive project planning and management expertise to ensure that any disruption is minimised and managed through close liaison with the local community.

6. ASSOCIATED DOCUMENTS

L(01)101 – Site Location Plan

PL(02)50 – Roof Plans

PL(03)50 – Existing Elevations

PL(03)51 – Proposed Elevations

PL(04)01 – Sketch Sections

Environmental Noise Report