

Flat Roof Pre-access Hazard Identification Report

01.284 MATERIALS AND ANALYTICAL SCIENCES BUILDING (MASB)

Date undertaken 28th November 2023

Prepared for
University of Warwick,
Coventry,
CV4 7AL

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Estates

Executive Summary

01.284 Materials and Analytical Sciences Building (MASB), Central Campus

Key Hazards

- Slips, trips and falls around the site. The walkways are not very well laid out and there is no set out walkways for this roof. Should the need arise to venture off the access pathway, the vegetation may be unstable under foot and the proximity of plant and equipment may present awkward obstacles to work around.
- Fixed galvanised vertical ascending ladder with mesh hatch above to access roof.
- High winds and gusts; your permit may be cancelled if winds are above the UoW action level but you must always adequately risk assess weather hazards for your own purposes.
- Falls from height; whilst there is edge protection in place, consideration should be given to the potential for falls from height in terms of operatives, materials and tools, especially in high winds.
- Falls and trips onto plant, PV panels, equipment, cable trays, flues for labs and overgrown vegetation. Under no circumstance should the PV panels be stood upon.
- Access to the roof in places is restricted and narrow so adequate consideration must be made for tools, equipment, and materials to be moved to the roof internally or externally.

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1.0	28/11/2023	First Issue	TM/SA	JC

1. BRIEF

This report is provided as a record of our inspection of access routes and identification of hazards in accessing and being on the flat roof sections of Building No. 01.284 Materials and Analytical Sciences Building, Central Campus. Site specific risk assessments for access to the work area and the work to be undertaken are the responsibility of those undertaking the work. This report is not a risk assessment, it is intended to provide a helpful guide to access and identify known hazards associated with accessing and attendance on the roof. The list of hazards is not exhaustive and is not a substitute for anyone undertaking their own assessment. Contractors are expected to comply with current Health and Safety Legislation and to have met all other requirements of the University in working on Campus (read and signed the Code of Conduct, watched the University Code of Conduct video, received local induction etc) under separate cover.

2. DATE OF INSPECTION

28th November 2023.

3. ACCESS

3.1 A roof access permit will need to be requested with suitable RAMS at least 72 hours before it is required for any planned work. If approved, the permit is issued to the permit requester via email, usually the day before it is required. If a roof access card is required, the Permit Office issues instructions to the permit requester to say how this should be collected. Contractors should sign in on site as agreed with their Contract Supervisor. For this roof you will require; a permit, a general access Salto card (provided by your University contact) and a Salto roof access card to access the plant room leading to the roof door.

3.2 Access to the building is off Gibbet Hill Road via the main entrance with general Salto access card. There is no reception to sign into this building.

3.3 From the entrance turn right and take the lift to the 4th Floor. Then exit the lift and turn left to the double doors to take the lift to the 5th Floor. This will lead to a yellow door which is general Salto access leading to the plant room. Alternatively, you can exit the lift on the 4th Floor, turn left to the double doors, then turn left, then right to take the stairs to the 5th Floor leading to a grey door with a window panel with Salto access leading to the plant room.

Within the plant room, head to the centre of the room where you will find a grey door leading to the main roof access. This door requires the Salto roof access card. As you enter the door, there is a small external space which holds lots of plant equipment. To the right you will find a fixed galvanised steel secured staircase leading to the roof with a mesh hatch which should be easy and safe to open.

3.4 To access the second roof area, known as a living (or green) roof, there is a grey door at the far end of the plant room which requires Salto access. This roof is considerably overgrown with plants and shrubbery which may present obstacles when walking.

4. PARKING

4.1 Parking is very limited on campus. The nearest car park is Car park 10a which is payable. Specialist contractor parking may be pre-booked with your University Contact/Project Manager if you are eligible.

5. WELFARE

5.1 Access to the welfare facilities in MASB are available for your use.

5.2 There are various shops & coffee shops near by the site for food, drink and toilet facilities.

5.3 There must be at least one first aider on site at all times which should be organised by the Competent Person. Lone working on roofs is prohibited.

5.4 There must be an adequate provision of first aid kits provided by the Competent Person.

5.5 Waste must be collected and disposed of appropriately by the Competent Person. If the Competent Person is an external contractor, they should remove any waste from the site and dispose of it according to their company policy. University employees should remove any waste or redundant equipment from the roof area and dispose of it according to University policy and guidance.

6. SEASONAL INFORMATION

6.1 The site is in its best condition from May to September in which it is typically mostly dry.

6.2 It must be taken into consideration by the user that in wet or freezing conditions throughout the year the ground and roofs may present an additional risk of slips, trips, and falls.

6.3 In the autumn and winter months, it will be dark at the extremes of the working day and low light conditions may occur throughout the day. The Competent Person will need to assess if temporary lighting may be required.

6.4 Operatives should wear appropriate clothing for the weather conditions and in spring, summer and early autumn, operatives should ensure to protect against UV skin damage.

6.5 In spring, summer and early autumn operatives should ensure to protect against UV skin damage.

7. GENERAL HAZARDS

7.1 Slips, trips, and falls around the site.

7.2 High winds and gusts: your permit may be cancelled if winds are forecast to be above the UoW action level at the time of the permit, but you must always adequately risk assess weather hazards for your own purposes.

7.3 Falls from height: whilst there is edge protection in place, consideration should be given to the potential for falls from height in terms of operatives, materials and tools, especially in high winds.

8. OVERHEAD CABLES/PIPEWORK

8.1 There are no overhead cables.

9. SITE SPECIFIC HAZARDS

9.1 Slips, trips and falls around the site. The walkways are not very well laid out and there is no set out walkways for this roof. Should the need arise to venture off the access pathway, the vegetation may be unstable under foot and the proximity of plant and equipment may present awkward obstacles to work around.

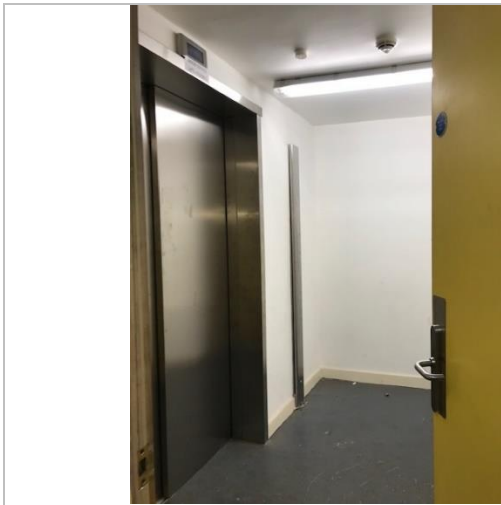
9.2 Access to the roof in places is restricted and narrow so adequate consideration must be made for tools, equipment, and materials to be moved to the roof internally or externally.

9.3 Fixed galvanised vertical ascending ladder with mesh hatch above to access roof. The ladder is fixed and sturdy with handrails on both sides allowing individual to hold safe and push hatch open.

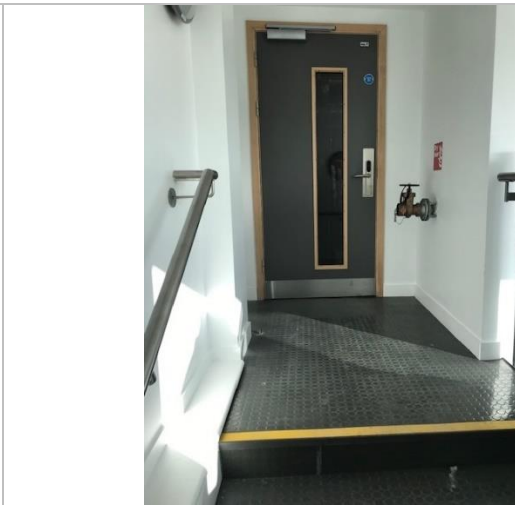
9.4 Falls from height; whilst there is edge protection in place, consideration should be given to the potential for falls from height in terms of operatives, materials and tools, especially in high winds.

9.5 Falls and trips onto plant, PV panels, equipment, cable trays, flues for labs and overgrown vegetation. Under no circumstance should the PV panels be stood upon.

10. APPENDIX A: SITE PICTURES



Lift to the 5th Floor and door with Salto access leading to the Plant room



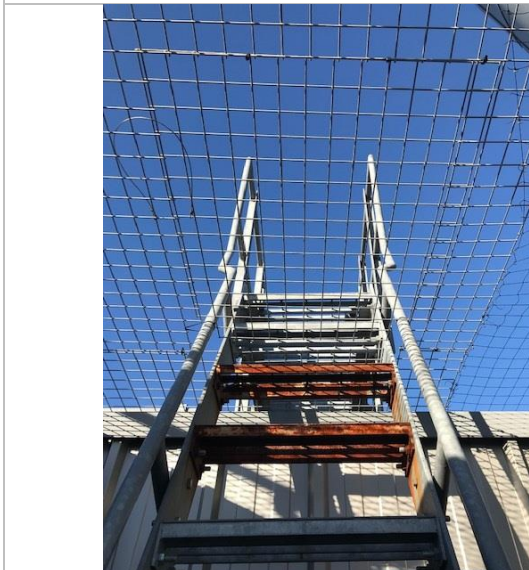
Stairs to the 5th Floor and door with Salto access leading to the Plant room



Roof access door with Salto barrel leading to the main roof



Roof area as you access through the door leading to the galvanised steel staircase to the top roof.



FLAT ROOF PRE-ACCESS HAZARD IDENTIFICATION REPORT

<p>Galvanised steel staircase leading to Top roof level with mesh wire roof hatch.</p>	<p>Top roof external area</p>
	
<p>PV Panels on the top roof.</p>	<p>External roof area.</p>
	
<p>Mesh roof hatch</p>	<p>External roof area.</p>
	
<p>Plant room on the 5th Floor.</p>	<p>2nd roof known as the living roof.</p>

FLAT ROOF PRE-ACCESS HAZARD IDENTIFICATION REPORT



Overgrown vegetation on the live in roof.



From the live in roof you can also access the Physics roof from the live in roof.

11. CAMPUS ORIENTATION

I Red Triangle = Parking 10a. I Red Circle = Materials and Analytical Sciences

