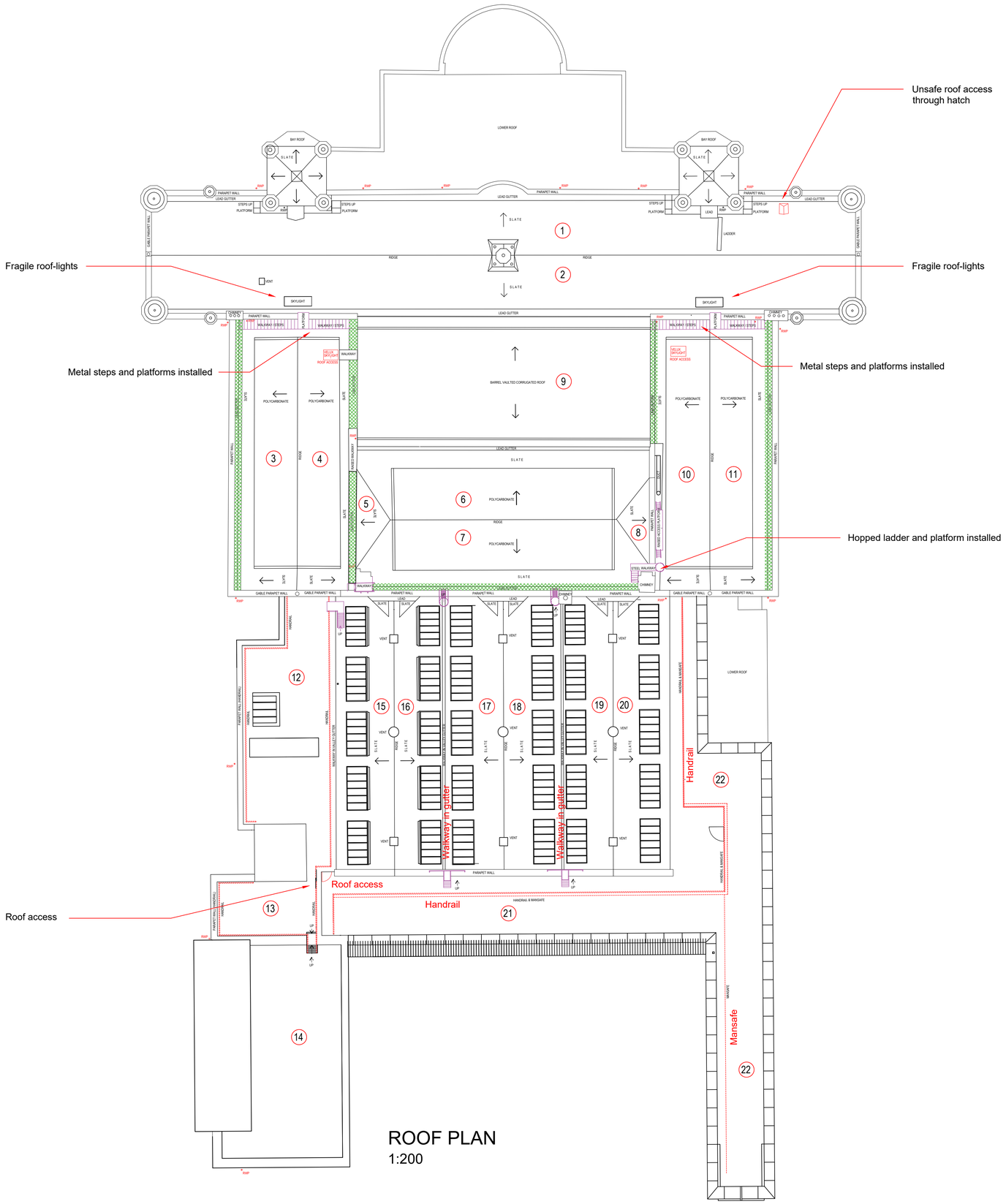


ROOF PLAN
1:200

LEGEND:

- GRP walkway
- Handrail / man-safe fall arrest latchway system
- Metal steps and platforms

WORKS COMPLETED:

1. ROOF NUMBERS 3, 4, 7, 10 & 11: GRP walkways installed.
2. ROOF NUMBERS 3, 4, 7, 10 & 11: Metal platforms and steps installed.
3. ROOF NUMBERS 21 & 22: Discussions held with planners to change the handrail and man-safe system to a roof edge cantilevered hand-rail. Planners advised they would not support an application for a roof edge handrail as it would have a detrimental effect on the appearance of the building. Existing man-safe system to be maintained and tested in accordance with manufacturer's and insurers requirements.The existing man-safe system currently provides safe access for trained operatives.

OUTSTANDING WORKS:

1. Roof 2: Fragile patent roof-lights need fall arrest protection. The brief advises to mesh over, however not sure how this would work without causing damage to the roof-lights and lead work. The whole roof-light assembly appears in poor condition and needs assessing to see if it can withstand a fall, even with mesh over. FMC to review the condition of the roof-light.
2. ROOF 1: Access onto roof 1 via the access hatch is difficult and unsafe to use due to the risk of falling back into the roof void, plus falling onto the roof gutter once through hatch door. The hatch and ladder access needs a complete re-design. Options are to increase the hatch size by building a larger dormer roof, or removing the dormer and installing a roof-light, similar to the access onto roofs 4 & 10. FMC to advise if this is to be added to the brief.
3. ROOF 1: Brief advises to install cantilevered handrail along length of gutter including steps adjacent the two towers. Installing a cantilevered handrail along the gutter will reduce the width of the gutter and restrict access forcing personnel to lean over towards the roof. Installing handrails to the steps around the tower will make the handrails visible from the front of the building. Therefore, to overcome these issues, I advise installing a latch way man-safe system that can discreetly installed behind the parapet wall - only trained operatives will be able to access this area. FMC to advise on which solution they require.

ROOF ACCESS:

1. Suggested roof access is via the door to the extension onto Roof 21 behind the handrail. Access to the roofs over the original building can be accessed the gutters between Roofs 16 & 17, 18 & 19.

The University of Manchester

NOTES

1. DO NOT SCALE FROM THIS DRAWING.
2. ALL MEASUREMENTS ARE IN MILLIMETRES UNLESS STATED OTHERWISE.
3. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE SPECIFICATION AND ALL RELEVANT ARCHITECTURAL, ELECTRICAL, MECHANICAL AND STRUCTURAL DRAWINGS.
4. (c) UNIVERSITY OF MANCHESTER. THIS DRAWING MUST NOT BE REPRODUCED WITHOUT PERMISSION.
5. DIRECTORATE OF ESTATES AND FACILITIES TO BE NOTIFIED OF ANY DISCREPANCIES.

Rev	Description	By	Date	Chk'd	Auth
-					

MANCHESTER 1824
The University of Manchester

Directorate of Estates and Facilities
Beyer Building
The University of Manchester
Oxford Road
Manchester
M13 9PL

Drawing Status: DESIGN

Project: WAG - ROOF ACCESS IMPROVEMENTS

Building Name: MAIN BUILDING

Sub Site Name: WHITWORTH ART GALLERY

Site Name

Drawing Title: ROOF PLAN

PM	Drawn	Checked	Authorised
--	GF		
Scale	Date	Date	Date
@A1	07/02/22		

Drawing No.: 8141_101

Revision: .