© Copyright: All rights reserved. This drawing must not be reproduced without permission. Do not scale from this drawing. All dimensions are in millimetres unless otherwise stated. Any discrepancies should be reported to the Architect.

0 3m 6m 12m

1:150 @ A1

Latest Structural Engineer's co-ordination model shown in red. Refer to Engineer's inforamtion for further details.

Latest Services Engineer's co-ordination information shown in magenta. Refer to Engineer's inforamtion for further details.

Sections of ductwork to be modified/replaced, refer to Services Engineer's information.

DN

New access door to be installed in new opening. Allow for modification of existing framing and cladding support in addition to new doorset. Modifications to be as per specialist subcontractor design. Opening size and setting out to be agreed following site investigation.

New grillage and walkways for new rooftop plant. Refer to Engineer's information.

New fume extract flues, approx 10m tall, refer to Services Engineer's information.

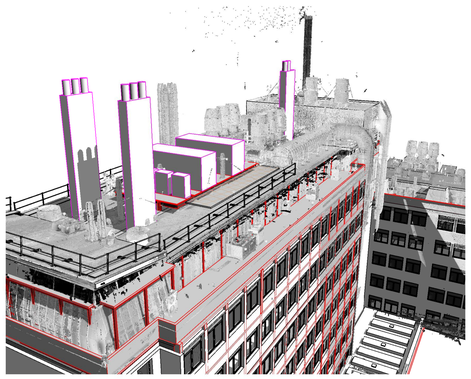
Roof to be made good to maintain manufacturer's guarantee where existing services are stripped out. Refer to Services Engineer's information for scope.

New edge protection and walkway system to be installed at perimeter of main plant room roof as L30/561 and H31/121

Edge protection installed at low level in previous phase of works.

New fume extract flues, approx 10m tall, refer to Services Engineer's information.

Sections of ductwork to be modified/replaced, refer to Services Engineer's information.



3D Structural Intervention on Roof

@ A1

General Notes:
Read this drawing in conjunction with the scope of works, which has detailed descriptions of the work procedures & restrictions.

Caution, access limited for survey. Positions of some plant, vents, rooflights, access etc. have been shown indicatively. Condition, load bearing capacity and impact resistance are unknown. Emissions from flues and vents may be hazardous. Access to be strictly via UoM permit system only.

Allow for proprietary edge protection and walkway system as L30/561 and H31/121. Extent to be agreed with Client following structural site investigations and buildability review with Contractor.

Edge protection to be parapet mounted.

Where new penetrations are formed for supporting steelwork for roof mounted plant allow for dressing in of Bauder Roofing and making good where damaged as J41/130

Revision	Description	Date	Drawn	Checked
P1	Issued for Planning	10.09.18	PMB	FW
T1	Issued for Tender	30.07.18	PMB	FW
	PLANNING			

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HALLIDAY MEECHAM ARCHITECTS

Client:	University of Manchester
Project:	Chemistry Building Re-Engineering
Phase/ Location:	University of Manchester
Drawing:	Roof Level GA Plan - Upper Brook Street Wing

Scale @ A1	Scale @ A3	Date:	Drawn:	Checked:	Job No.	Drawing No.
		13.07.18	PMB	FW	5032	20121

Drawing Ref. 5376-HMA-05-R1-DR-05-20121 Revision P1