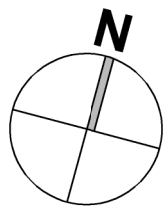


01 ROOF RF8 - PROPOSED CONSERVATION IMPROVEMENTS



The below works are to be undertaken to all roofs:

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1. Specialist to inspect existing lightning protection system and review installation / testing certificates to ensure it is in accordance with current standards and regulations (in collaboration with all roofs RF7 to RF23). Locally remove the existing lightning protection system where required to undertake works to the roof, and re-fix existing system when roof works are finished.
2. Remove existing mansard fall arrest system and cart away. Supply and fix new mansard fall arrest system in full accordance with British Standards and specialist recommendations and design scheme to enable access for maintenance.
3. Specialist to inspect existing bird proof system and determine its suitability. If required, remove existing bird proof system, including all adhesive and fittings from the building's structure and fabric. Specialist to design, supply and fix new bird control and bird proofing to roof including replacement bird-proof netting and/or anti-perch spikes.
4. Remove all dirt debris, and rubbish from all roof voids and cart away.
5. Inspect all chimneys at high level to determine repairs. Condition of existing flaunching to be reviewed and flues to be inspected for natural ventilation at head and former fireplace level. Repairs and remedial works to be reviewed on site.
6. **CONTRACTOR'S DESIGNED PORTION:** Specialist Consultant / Subcontractor to propose and design all fire safety measures, including fire separation / stopping to ensure existing and proposed compartmentation / separation is achieved. Collateral warranties to be provided for all works.
7. **CONTRACTOR'S DESIGNED PORTION:** Specialist Consultant / Subcontractor to specify all fire stopping to services which pass through all designated fire protected floors, walls, and ceilings. Inspect and monitor installation and certify the installation on site to ensure it meets all fire safety standards and requirements. Collateral warranties to be provided for all works.

This drawing is to be read in conjunction with the following drawings and documents from MWA:

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1. Drawing Series 157-173 for all temporary M&E removal drawings, showcasing all plant, ducting, services, associated equipment, walkways, balustrades, and handrails which are to be temporarily removed. Scope of M&E removal TBC by M&E Consultant.
2. Drawing Series 257-273 for all temporary investigations, showcasing all temporary access, scaffolding towers, opening up, and removals which are required. Scope of investigations TBC by M&E Consultant and Structural Engineer.
3. Drawing Series 357-373 for all thermal improvement drawings, showcasing all insulation and glazing improvements proposed as part of these works. Scope of thermal improvements TBC by M&E Consultant and Client.
4. Existing Roof Plan Drawing 015, denoting the individual roof plans.
5. Schedule SCH.01 including all proposed conservation improvements for each individual schedule.
6. Refer to Architect's (MWA) design intent drawings '997-048-PLOO Section 6 West' and '997-049-PLOO Section Details' for information on the insulated end gable.

All dimensions must be checked by the contractor before commencing work on site.

No deviation from this drawing will be permitted without the prior written consent of the Architect.

This drawing is to be read with all relevant Morse Webb Ltd, Structural, M&E and Specialist drawings, reports and specifications.

Any discrepancies in dimensions or details on or between these drawings / reports / specifications should be brought to the attention of Morse Webb Ltd in writing for clarification.

Refer to S.Eng drawings and documents.

	RFB-1.i & 1.viii to 1.x: Remove 100% existing leadwork dressings, flashings, and aprons over/ to existing patent glazing / roof lanterns and redeem salvage value. Supply and fix new lead apron linings, dressings, and flashings.
	RFB-1.v, 1.vi & 3.v to 3.xii: Remove all existing lead flashings, dressings, roof coverings, upstands, and existing deckings to flat roofs and cart away. Supply and fix new thermal insulation, VCL's, and void ventilation (TBC). Supply and fix new timber decking to falls and install new roof covering / lining systems with associated upstands, downstands, and flashings to specialist design and specification.
	RFB-3.i: Remove and rebed existing ridge tiles with lime mortar to approved sample. Replace any individual tiles that are unsuitable for reuse with new tiles to match existing on a like for like basis.
	RFB-3.ii: Remove and refix existing plain clay tiles to approved sample. Replace any defective tiles to match existing on a like for like basis. Exact locations TBC on site.
	RFB-3.iii: Remove and replace existing plain clay roof tiles. Lay new tiles on new pre-treated softwood battens to match existing on a like for like basis. Exact locations TBC on site.
	RFB-7.vi, 7.vii & 7.x: Temporarily dismantle and remove existing roof access walkway and steps to access the roof coverings below. To be fully reinstated on completion of the roof works.
	RFB-8.i: Supply and fix new thermal insulation and associated vapour control layers.

	RF8-5.i & 5.ii: Remove debris / vegetation from outlets and confirm diameter of outlets are sufficient. Conduct CCTV survey of existing outlets and replace pipework if required. Ensure discharge levels of existing outlets are below the level of new gutter linings.
	RF8-5.iii to 5.vi: Undertake localised repairs to existing metal eaves gutter and rainwater downpipe systems to ensure all joints are watertight. Remove rust corrosion, treat, and repaint all previously painted rainwater goods to match existing appearance on a like for like basis. Option to install rainwater sensors.

	RF8-1.ii to 1.iv & 1.x: Remove existing roof lantern and rooflight and cart away. Inspect, repair, and upgrade existing structure in accordance with S.Eng recommendations. Supply and fix new double / triple glazed replacements to existing structure to specialist design and specification.
	RF8-1.ix: Repair existing retained historic ceiling glazing located under roof lantern where necessary, and clean upper surface of the historic ceiling glazing's glass.
	RF8-2.i: Allow for localised / isolated re-dressing / bossing of existing lead vertical cladding to dormer cheeks.