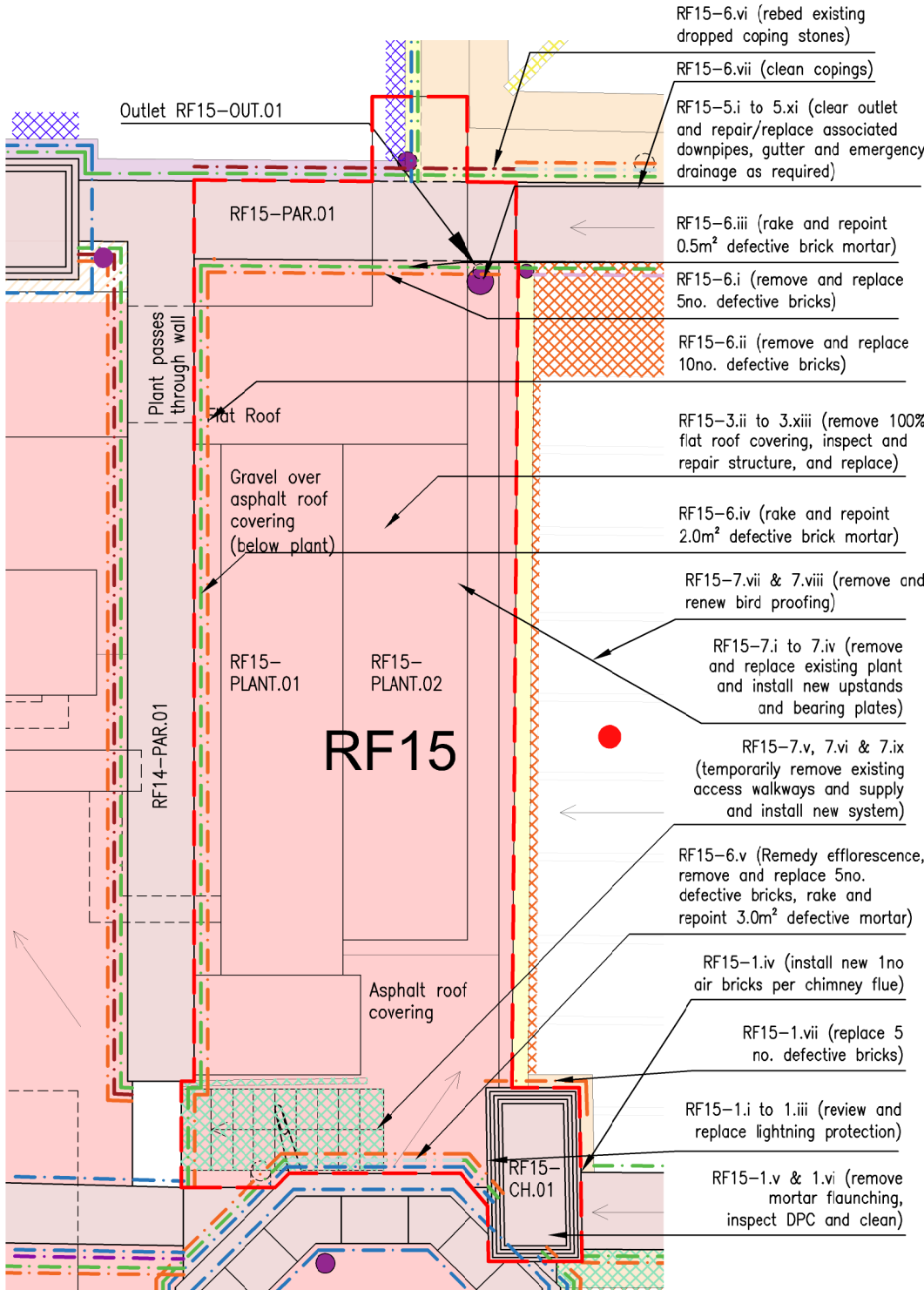


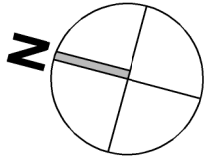


01 ROOF RF15 - PROPOSED CONSERVATION IMPROVEMENTS

1:50

Scale Bar: 1:50

0 1 2.5 5



General Works:

The below works are to be undertaken to all roofs:

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 refix existing system when roof works are finished.
2. Remove existing mansafe fall arrest system and cart away. Supply and fix new mansafe 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. iCONTRACTOR'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.

Coordinated Information:

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

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 ups, 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 roof.
6. Architect's (MWA) drawing '997-285-PL00-Roof RF15 As Existing - Recording Of Investigations'.
7. SE's (SFK) drawings '24173-SFK-15-RF-DR-S-0150 P1' and '24173-SFK-15-RF-DR-S-1150 P1'.
8. M&E Consultant's (Etch) drawing '011270-EAL-01-RF-D-M-5701'.

Repair Legend

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.

Roof Coverings

- RF15-3.ii to 3.xiii: Remove all existing lead flashings, dressings, loose materials, roof coverings, upstands, raised plinth, and existing deckings to flat roofs and cart away. Inspect and locally repair existing roof structure to S.Eng specification. Supply and fix new thermal insulation, VCL's, and void ventilation (TBC). Supply and fix new timber decking to falls, form new structural plinth for plant equipment, and install new roof covering / lining systems with associated upstands, downstands, and flashings to specialist design and specification.

Valley, Parapet, and Eaves Gutters and Associated Outlets

- RF15-5.i to 5.xi: 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. New overflow installed for emergency drainage.

Parapet Walls and Coped Gables

- RF15-6.i & 6.ii: Remove all defective existing bricks. Supply, bed, and point new individual bricks to replace removed bricks. To match existing appearance on a like for like basis.
- RF15-6.iii & 6.iv: Rake out existing defective mortar between brickwork and natural stone copings, and repoint using lime mortar / a mortar to match existing.
- RF15-6.v: Investigate causes of damp/efflorescence to brickwork. Remove salts/efflorescence and carry out remedial works. Remove and replace existing defective bricks with new bricks, bedded and pointed in mortar to match existing. Rake and repoint open / defective existing brickwork mortar joints in mortar to match existing.
- RF15-6.vi: Remove all loose / dropped existing natural stone copings. Reuse, rebed, and repoint existing copings to be level and match existing appearance on a like for like basis.
- RF15-6.vii: Remove all moss / vegetation / staining and clean existing brickwork, terracotta bricks, natural stone coping stones, and terracotta coping stones along all coped gables and parapet walls.

00/20.03.26 Issued as Planning

revision/date note



project

**Reading Town Hall,
Alterations & Improvements**

title

**Roof RF15 Proposed
Conservation Improvements**

scale

1:50 @A2

status

PLANNING

job no.

997

dwg no.

465

status/revision

PL00

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