Ceiling and Cornice Method Statement

"Norton Terrace", 363 Wilmslow Road,

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Client: Feltham Group

Objective: To repair and replicate the historic ceiling and cornice of the listed building in accordance with conservation principles, preserving its original character and architectural significance.

1. Preparation Phase:

1.1. Site Setup:

- Erect scaffolding and access platforms as required, ensuring compliance with health and safety regulations.
- Install protective sheeting to cover floors, walls, and any vulnerable surfaces.

1.2. Documentation and Survey:

- Document the existing condition of the ceiling and cornice through photographs.
- Take profile templates of the cornice without enrichments for reference.

2. Removal and restoration:

2.1. Removal:

- Remove all downstand sections of cornice below 50mm from the ceiling.
- Retain cornice generally, removing approximately 1m length of cornice from each room, preserving it to be used to create a profile template for replication.
- Retain lathe and plaster ceiling throughout.
- Remove cornice enrichment samples, strip all paint from the enrichments (e.g., egg and dart, floral patterns) using appropriate methods to avoid damage.

3. Replication and Restoration:

3.1. Silicone Moulding:

- Take silicone moulds from the repaired enrichments to create replicas.
- Ensure the moulding process captures all intricate details faithfully.

3.2. Re-casting Enrichments:

- Use the silicone moulds to cast brand new enrichments that match the existing ones in material, texture, and finish.

3.3. Cornice Replication:

- Run a reverse mould using the profile template previously taken.

- Cast plain 3m sections of cornice from the reverse mould to replicate the original design.

4. Installation Phase:

4.1. Ceiling Installation:

- Install suspended ceiling grid fixed to the ceiling with existing fixings
- Install up to 100mm rockwool insulation
- Install acoustic board to provide 60 min fire resistance, with 2x layers of 12.5mm accoustic board with skim finish.

4.2. Cornice Installation:

- Install the plain sections of cornice following the original profile and alignment.
- Ensure proper adhesion to the new suspended ceiling surface using appropriate adhesives or fixings.

4.3. Enrichment Installation:

- Individually install the replicated enrichments back into the cornice, adhering them securely in their original positions.
- Pay attention to spacing, alignment, and symmetry to maintain the integrity of the design.

5. Finishing and Cleaning:

5.1. Finishing Touches:

- Fill any gaps or joints with suitable filler material to achieve a seamless finish.
- Smooth and blend the surfaces to match the surrounding areas.

5.2. Cleaning:

- Carefully clean any residues or marks from the restored cornice and ceiling using mild, non-abrasive methods.

6. Health and Safety:

6.1. Safety Measures:

- Ensure all personnel involved in the project follow health and safety protocols at all times.

- Provide appropriate personal protective equipment (PPE) and ensure its correct usage.

6.2. Waste Management:

- Dispose of any waste materials in accordance with environmental regulations and site-specific waste management plans.

7. Quality Control and Inspection:

7.1. Quality Assurance:

- Conduct regular inspections throughout the restoration process to ensure workmanship meets specified standards, with photographs submitted to the planning department as updates throughout.
- Site visit carried out with planning officers for the installation of the first piece of cornicing.
- Address any deviations promptly to maintain quality and compliance.

8. Project Completion:

8.1. Handover and Documentation:

- Prepare documentation detailing the restoration process, including photographs taken a various stages, material specifications, and any relevant certificates.
- Hand over the completed restoration to the client, ensuring satisfaction with the work carried out.

8.2. Post-Completion Care:

- Provide guidance to the client on maintenance and care to preserve the restored ceiling and cornice for future generations.

Note: This method statement is subject to review and approval by relevant authorities before commencement of work.