

**This addendum is to be read in conjunction with Dynamic Method
Statement 01 (OMS01)**

Frank O’Gara & Sons Ltd
Addendum A Method Statement
(DMS01) – 8th July 2024

Contract Number: TBC

Client/Employer & Principal Contractor:
DOMIS CONSTRUCTION LTD



Project:
Rylands Building

Scope of Works:
Removal of Concrete



Site Address:
Rylands Building Manchester
109-127 Market Street
M60 1TA



Prepared By: Mr. Dean Payne, Demolition Manager & Mr, David Hickey

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Record of amendments and issue of controlled copies			
Amendment No	Details	Date	Signature
Addendum A	Issued to Domis Construction Ltd	06/08/24	<i>Dean Payne</i>

Circulation / Distribution	Copy No
Frank O’Gara & Sons Ltd, Demolition Director – Mr. David Hickey	01
Frank O’Gara & Sons Ltd, Demolition Manager – Mr. Dean Payne	02
Domis Construction, Senior Project Manager – Mr. Gary Lewis	03
Domis Construction, Snr Site Manager – Mr. Nigel Dickens	04
Domis Construction, Snr Site Manager –	05
Domis Construction, H&S Manager / Advisor	06
Frank O’Gara & Sons Ltd Appointed Contractors	07
Site workers, during the RAMS briefing / site induction	08
Note: This document and the supporting risk assessments form part of our documented SSoW and will be briefed to our workforce and members of our supply chain as part of the consultation process. This will be reciprocated where our supply chain SSoW is concerned.	

The below sequence will continue until the works are complete to all areas, after which time the Client will be invited to inspect the works for completeness.

Sequence of Works

Introduction and Scope of Work

This method statement outlines the controlled removal of concrete encasement from structural columns to facilitate investigation works. The process will ensure:

- Adherence to **BS 6187:2011 Code of Practice for Full and Partial Demolition**.
- Compliance with Domis-issued work permits and project-specific risk assessments.
- Manufacturer’s guidelines for Brokk machinery and vibration monitoring equipment.
- Protection of historic building fabric, with specific attention to vibration and structural integrity.

Reference Documents:

- **BS 6187:2011** - Code of Practice for Full and Partial Demolition
- **Woolgar Hunter Drawings** - To be referenced for the location of the columns to be de-jacketed

Pre-Start Preparation

- **Work Permit Authorisation:**
 - o Secure a work permit from Domis.
 - o Conduct a pre-commencement meeting to review the method statement, risk assessments, and confirm isolation certifications.
- **Identification of Columns:**
 - o Domis Construction will identify and clearly mark the structural columns to be investigated.
- **Service Isolation Certification:**
 - o Confirm all services (e.g., electrical, mechanical, plumbing) are isolated, with certification provided in writing.
 - o Frank O’Gara & Sons Ltd will visually verify the isolations prior to commencement of works.
- **Exclusion Zones:**
 - o Establish secure exclusion zones around the work area, ensuring:
 - Access is restricted to authorised personnel only.
 - Safety signage is prominently displayed.
 - o Zones will remain in place until demolition and concrete removal works are complete.
- **Ventilation and Environmental Control:**
 - o Assess the room for adequate ventilation. Where required, install forced mechanical ventilation or extraction systems to maintain air quality.
 - o Implement measures for dust suppression (e.g., wetting down surfaces).
- **Slab Cut-Out Considerations:**
 - o Slabs in proximity to columns will require careful preparation to avoid transmitting vibration that may damage historic fabric or nearby structures.
 - o Assess slab condition, use vibration-dampening methods, and implement real-time monitoring during operations.

Work Procedure:

Preparation:

- Brokk operators will access the work area via the hoist and installed access ramp to safely approach the identified columns.
- Ensure unobstructed access and verify all operatives are briefed on the method statement and site-specific risk assessments.

Concrete Encasement Removal:

1. **Mechanical Removal Using Brokk Machine:**

- o Operate the Brokk machine to carefully remove concrete encasement around all four sides of the column.
- o Avoid direct contact with the structural column to prevent accidental damage.

2. Manual Support and Debris Management:

- o Operatives will assist by loading concrete debris into rubble trucks for transport to the designated drop zone.
- o Maintain a clean work area, promptly removing all concrete arisings to prevent hazards.

3. Controlled Slab Cut-Out (If Required):

- o Use diamond saw cutting or similar techniques to create openings or relief cuts in adjacent slabs.
- o Monitor vibration levels during the cutting process to ensure compliance with protection measures for historic fabric.

4. Vibration Monitoring:

- o Continuous vibration monitoring will be conducted throughout the works. Immediate corrective actions will be taken if pre-agreed thresholds are exceeded.

Post-Work Clean-Up and Inspection:

- Clear the site of all debris and equipment.
- Perform a thorough inspection of the exposed columns to confirm work completion.
- The site supervisor will notify the Domis site manager for final inspection and sign-off.

Health, Safety, and Environmental Controls

- **Personal Protective Equipment (PPE):**
 - o Operatives must wear hard hats, safety boots, high-visibility clothing, gloves, and respiratory protection at all times.
 - **Noise and Dust Mitigation:**
 - o Deploy noise-dampening barriers and ensure equipment complies with noise emission standards.
 - o Suppress dust using water spray systems or similar methods.
 - **Vibration Management:**
 - o Employ low-vibration tools where possible.
 - o Use vibration dampers and monitoring devices to protect the historic fabric.
 - **Supervision and Training:**
 - o Ensure all workers are trained in Brokk operation, vibration management, and safe demolition practices.
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- **Emergency Procedures:**

- o Ensure clear access to emergency exits and muster points.
- o First aid kits and trained first aid personnel will be available onsite.

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Hold Points

- **Before Commencement:**

- o Confirm service isolation certification is issued and verified.
- o Ensure exclusion zones are established and safety signage is installed.

- **During Works:**

- o Monitor vibration levels continuously to prevent damage to historic building fabric.
- o Implement immediate stop-work procedures if vibration thresholds are exceeded.

- **Upon Completion:**

- o Conduct a final inspection of the exposed columns and surrounding area.
- o Obtain Domis site manager's sign-off before removing exclusion zones.

Exclusion Zone Signage



Brokk Imagery



Existing Column State



Resources

Up to 4 Frank O’Gara & Sons Ltd personnel (demolition operatives and plant operators), including Supervision will be involved in the work.

- Site Supervisor
- Demolition operatives
- Brokk Operator

Note: All employees who operate demolition plant hold the correct CPCS Category.

All employees of Frank O’Gara & Sons Ltd are fully trained and competent to undertake any task required of them, they may at times be assisted by trainees who, where this is the case, will be adequately supervised at all times.

Sub-contractors used are mostly known to Frank O’Gara & Sons Ltd, as are their relevant skills. Where this is not the case their progress is initially monitored by the Contract Manager and Supervisor, to ensure that they are competent to carry out the work for which they have been taken on, this includes working safely.

Principal Contractors Responsible Persons – Domis Construction Ltd

Domis Project Manager- Project Manager: Mr, Gary Lewis.

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Kier – Senior Site Manager: Mr, Nigel Dickens

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Contractors Responsible Persons / Supervision – Frank O’Gara & Sons Ltd

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Frank O’Gara & Sons Ltd – Demolition Director: Mr. David Hickey

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Frank O’Gara & Sons Ltd – Demolition Manager: Mr. Dean Payne

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Frank O’Gara & Sons Ltd - Health & Safety Advisor: Mr. John Thorley

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Plant & Equipment		Labour
(Please note that this is not an exhaustive list, and that plant and equipment will be provided at a frequency to deliver the works in a safe manner and in accordance with the agreed programme of works)		
Barriers Safety signs Power Tools & attachments Brokk 140	skips	1no Supervisor 3no operatives

Control Measures**Permits to Work**

A Permit to work will be required to be issued to put in place further risk control measures to control the residual risk associated with our activities. This will be issued by Domis Project or Site Manager.

The area will be surveyed using existing knowledge of the site, i.e., drawings, information from utility companies etc., local knowledge when available & by means of CAT scanning / radar scanning & visual ground investigation. All services identified will be marked.