

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

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

Contract Number: TBC

**Client/Employer & Principal Contractor:
DOMIS CONSTRUCTION LTD**



Project:
Rylands Building

Scope of Works:
Crushing of concrete within Sub-Basement area.
Reduce dig to expose bottom of column Foundations



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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Amendment No	Details	Date	Signature
Addendum B	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 Work

Element 1 works, Crushing of Concrete within Sub-Basement, reduce dig to expose Column Foundations

Note 1: exclusion zones will be put in place while all Demolition works is ongoing & all works completed.

All works will be carried out in compliance with ‘BS 6187:2011 Code of practice for full and partial demolition’. Domis Construction have installed Fume & Dust extraction with an air change of 6x per hour

Note 2: It is to be ensured that adequate ventilation is provided during the works given the enclosed nature of the room (forced mechanical ventilation or extraction will be required).

These works will take place in line with a Domis work permit issued by the Principal Contractor.

- All operatives involved with the crushing works shall attend the method statement briefing.
- All operatives must show that they understand the method statement fully and sign the acknowledgement sheet before leaving the briefing.
- Before commencement of any crushing activates the crusher operator / competent person must carry out a visual inspection of the crusher and record said findings on the appropriate machine check sheet.

	Sequence of Works
	Introduction and Scope of Work
	This method statement outlines the procedure for crushing concrete within the sub-basement area and reducing the dig depth to expose the column foundations. All activities will be undertaken in compliance with relevant regulations, standards, and project requirements to ensure the safety of personnel, the integrity of the structure, and the protection of historic fabric.
	Exclusion Zones and Safety Measures
	• Exclusion Zones: Exclusion zones will be clearly marked and enforced during all demolition and associated activities. Access to the immediate work area will be restricted to authorised personnel only. • Demolition Works: All demolition activities will be carried out in accordance with BS 6187:2011 - Code of practice for full and partial demolition. • Ventilation: Due to the enclosed nature of the work area, adequate ventilation must be ensured. Forced mechanical ventilation or extraction will be provided to maintain air quality. Domis Construction has installed Fume & Dust extraction systems with an air change rate of 6x per hour to maintain acceptable working conditions.
	Pre-Work Safety and Briefing
	• Work Permit: All works will be conducted in accordance with a Domis Construction work permit, issued by the Principal Contractor. • Operative Briefing: All operatives involved in crushing activities must attend a method statement briefing. They must demonstrate their understanding of the method statement and sign the acknowledgment sheet. • Inspection: Before commencing any crushing activities, the crusher operator must conduct a visual inspection of the crusher and document the findings on the machine check sheet.
8.11	Crushing Process
8.13	• Equipment Used: A Red Rhino 4000 mini crusher, fitted with a Ravex diesel filter kit M30 or equivalent, will be used. Jaw spacing will be adjusted to between 75mm and 50mm for efficient crushing. • Material Handling: The materials to be crushed are stockpiled from previous demolition activities. Careful handling of materials will be ensured to avoid injury from falling or moving debris. • Access and Blockage Clearing: Operatives will only access the machine footplates for repositioning or clearing a blocked hopper, and this must be done once power has been isolated, and appropriate PPE is worn. • Isolation System: An effective isolation system will be in place to allow operatives to stop the machine safely to clear blockages.
	Dust, Noise, and Vibration Control
8.14	• Dust Control: Dust generated by the concrete crushing process is largely composed of caustic concrete dust. Dust suppression methods will be implemented, and operatives will wear appropriate PPE, including dust masks, gloves, safety boots, and hard hats. Goggles may be required to prevent eye contamination. • Noise Control: The machinery used is loud, and hearing protection must be worn at all times while the crusher is operating. If noise or dust levels exceed the anticipated levels, work will stop and be reassessed. • Vibration Control: Vibration control is of utmost importance due to the potential risk of damage to the historic fabric of the building. Detailed consideration will be given to minimise vibration impact, ensuring no structural damage occurs. Vibration monitoring equipment will be used, and work will cease if vibration levels exceed safe thresholds.
8.15	Work Procedure:
8.16	• Preparation: A tracked 3-ton excavator and T450 skid steer will be inspected and mobilised to the work area.

	• Site Briefing: A start-of-shift briefing will take place to review the sequence of works, risk control measures, and the establishment of plant and pedestrian exclusion zones. • Excavation: Excavation works will proceed to reduce the ground level to a depth of -1.0 metre, with spoil being removed by mechanical means and transported to awaiting bins for off-site disposal. • Column Foundation Exposure: Excavation will continue to expose the column foundations, ensuring that surrounding basement structures are not undermined. • Reinforcement and Isolation: Prior to any concrete encasement, Domis Construction will identify columns to ensure no damage occurs during the works.
8.17	Service Isolation and Utility Considerations
8.18	• Service Isolation: No works will commence until written confirmation of service isolations has been provided and visually verified by Frank O'Gara & Sons Ltd. • Utility Mapping: All available utility service drawings will be reviewed to identify buried services. The area will be scanned, and necessary precautions will be implemented to prevent damage to utilities.
8.19	Building Protection
8.20	Particular attention will be given to the protection of the building structure, especially considering the historic nature of the fabric. Vibration and movement during the excavation and crushing process will be carefully controlled to prevent any structural damage to the building.
	Safety and Emergency Procedures
8.21	• Safety Signage: Clear signage will be placed to identify exclusion zones and safe work areas. Barriers will prevent unauthorised access. • Emergency Procedures: Emergency procedures will be in place, and all operatives will be familiar with these procedures. Fire extinguishers, first aid kits, and emergency contacts will be readily accessible.
	Hold Point
	No works are to commence until service isolation certification has been issued in writing and Frank O'Gara & Sons Ltd have confirmed such isolations by way of a visual inspection. The elements below will be undertaken as per the programme of works.
8.22	Post-Work Considerations
8.23	Once the work is completed: • Inspection: A post-work inspection will be conducted to verify that no damage has occurred to the historic fabric or surrounding structures. • Report: A final report will be issued, documenting the work completed, any issues encountered, and the measures taken to protect the building.
8.25	Signage and Work Area Management
8.26	• Exclusion Zones: Barriers and signage will demarcate Frank O'Gara & Sons Ltd's work area. Specific exclusion zones will be established to ensure that no unauthorised personnel enter the work area while mobile plant is in operation.
	Acknowledgment
	Acknowledgment: All operatives, including those involved in the crushing works, must sign the acknowledgment sheet to confirm that they have attended the briefing and understood the method statement, including the safety measures, PPE requirements, and work sequence. Note: Adequate ventilation must be ensured throughout the work process due to the enclosed nature of the area. Forced mechanical ventilation or extraction may be required to ensure a safe working environment.

Exclusion Zone Signage	
	 
Brokk Imagery	
	  

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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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.