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ST MICHAELS CHURCH
GEORGE LEIGH STREET - MANCHESTER

Demolition Method Statement

07/01/2013

Quality Management

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St Michaels Church
George Leigh Street - Manchester

Demolition Method Statement

07/01/2013

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St Michaels Church
George Leigh Street - Manchester

Preliminary Demolition Method Statement

Prior to the commencement of the works the appointed contractor shall provide a final method statement for review by the engineer. No work should commence before this final method statement has been reviewed and site staff briefed.

St Michaels Church
George Leigh Street - Manchester

Preliminary Demolition Method Statement

Contractor	To Be Appointed				
Title	Structural Demolition Works				
Start Date			2013	Duration	TBC

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Introduction – Type of works and location

This method statement describes how the appointed demolition contractor may carry out the structural demolition works to the link building between St Michaels Church and the adjacent Presbytery. The structural demolition works will be carried out on completion of the enabling works phase which comprises the termination of all services, removal of all asbestos and completion of all soft strip works to the structure ready for structural demolition to be commenced.

The structure to be demolished is a single storey loadbearing masonry structure with a timber roof. The building will be dismantled in a controlled sequence from one face.

The adjacent roof to the Church is to be reconstructed to match the existing general roof pitch.

Scope of Works

The scope of works for structural demolition is as follows:

- Complete enabling works phase prior to commencement of structural demolition works.
- Block up existing door openings to Church and Presbytery.
- Carefully remove roof tiles for reuse.
- Remove timber roof structure. Rebuild roof over church to match existing pitched roof.
- Demolish walls down to floor level.
- Demolish floor structure.
- Break out foundations.
- Grade to site levels.

Enabling Works

- Erection of a hoarding to George Leigh Street elevation.
- All services disconnected and made safe.
- Complete all asbestos removal, soft strip clearance to facilitate the demolition of the structure as required.
- Ensure all necessary water supplies are installed as required for damping down during the demolition process.

Method of Works

Prior to commencement of structural demolition works a detailed survey of the building will be carried out by the contractor to determine the size of plant that is required.

The existing doors to the Church and Presbytery are to be blocked up prior to demolition.

The demolition will commence from one elevation with the removal of the roof tiles. These are to be retained on site for reuse. Using appropriate demolition methods, the roof and walls structures will be carefully broken down onto the ground floor where the arisings generated will be removed for processing and removal from site.

The foundations are to be broken out and removed from site. Crushed concrete and brick may be used to backfill to site levels.

The area of roof over the church to be removed is to be protected from the elements until the new roof is constructed.

All steps will be taken to avoid the outbreak of fire, particularly during 'hot' work involving the use of naked flame or intense heat. Where work necessitates the use of such equipment appropriate and adequate portable fire extinguishers will be readily available and a mains water source on every floor, a trained fire marshal will be in attendance at the site of the works at all times.

It will be impressed on the workforce that no smoking is allowed on site and the accumulation of rubbish must be prevented.

Dust emissions will be controlled at the working face and at the processing and loading away area by a fine water spray. The quantity of water emitted by the sprays will be regulated and controlled to prevent any flooding at ground level.

Logistics - Access/egress, scaffold, hours of work etc.

- Access to the site accommodation will be via the existing gate in the fence situated on the south elevation of the works in Loom Street. The welfare set up will be located within the site compound to the east of the building to be demolished behind the Presbytery.
- Vehicular access will be through the existing gate again accessing into the site compound from the south elevation of the site in Loom Street.
- Hours of work will be in accordance with the Manchester City Council requirements.
- Noisy works will be in accordance with the Manchester City Council requirements.
- All materials generated through the works will be removed into muckaway lorries located in the site compound. All contractor access to the site is to be via Loom Street.
- It is envisaged that a maximum of four lorry movements will be required.

Significant Hazards/Risks– e.g. Live services, proximity to public etc.

- All services to be isolated within the footprint of the building back to incoming source prior to the works being commenced.
- Vehicular movements into / out of site. Ensure 1 no traffic marshal is controlling all vehicular movements into / out site at all times during the works.

Control Measures – Permits, exclusion zones, P.P.E etc

All hot works will be carried out in accordance with a hot works permit.

P.P.E required to be worn for these works are:

- Hard Hat
- Safety boots
- High visibility vest
- Eye protection – impact glasses for general works and movement on site
- Gloves
- Ear protection if required

Hot works P.P.E

- Gauntlets
- Half mask
- Goggles

Resources – Labour, Plant and Materials

Labour	Materials
– To be confirmed	– To be confirmed

Plant

- To be confirmed.

Training and Supervision

- All works will be controlled by a competent supervisor.
- All operatives and supervision will have suitable training including CSCS certification.
- All plant operators will have appropriate CPCS certification.
- All elements of the work requiring additional training – banksman for example - will be carried out by trained and competent operatives only.
- Records of training will be held in the site office.
- All personnel receive a site induction before commencing work on site. In addition all operatives will receive the appropriate method statement briefings before commencing an area of work. Upon completion of these briefings all operatives will 'sign up' to the method statements agreeing that they have read, understood and will comply with the methods and procedures that must be adopted for the works.
- Weekly tool box talks will be given to all the operatives involved in the works. The subject matter of each tool box talk will be tailored to suit the current/ future operations. Records of all such training will be held in the site office.

Emergency Arrangements

- Inform management immediately
- First aid boxes are to be located in the site office
- A list of first aiders is to be located in the site office and the induction room
- Where medical attention is required the nearest Accident and Emergency Department is:

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