

Related WPP Title and Reference Number:

Method Statement The Midland Hotel, Manchester

Task Briefing For: The Replacement of Fire Damaged Granite Blocks at The Midland Hotel, Manchester (Mount Street Elevation)

Task Briefing Number: 00001

Revision	Prepared by:	Approved by:	Date:
1.0	David Lord		15/01/2025
2.0	David Lord		27/01/2025

	Signature	Date:
SHE Team		
Bullen Conservation Ltd Appointed person	David Lord	07425 108450

Contact	Contact Name	Tel: Number
Site Manager	David Lord	

Scope of works:

To carry out granite block replacement to fire damaged door surround as indicated on the Architect's drawings.

Permits required:

Permit for hoarding around site area.

2 No. Suspended Parking Bays to create site compound.

Permit for siting welfare cabin within compound.

Working hours and resource levels:

Working hours 8.00am – 4.30 pm Monday-Friday

Supervision

David Lord

Operatives:

Jason Faulkner

Craig McDonald

Sam Phillips

Steven Chidgey

Plant

Small hand tools

110v SDS drill

110 v Core drill dd150u

5 KVA transformer

110 v Leads

Hose pipe

Mounting bracket for Diamond core drill

Small hand tools (Hammers, chisels, etc.)

LED lights

Chain block

Webbing slings

Materials

Core drill hole guide

New granite block

Lime putty

Rawl anchor resin

Silica sand

Akemi resin

Timber skids

Correx sheet protection

Insulation sound board proofing

Stainless-steel threaded bar

Copper hook cramps for mouse dowels

Assortment of packers

Rubble sacks

Gorilla Buckets

Masonry screws

PPE

Wetsuit

Anti vibration gloves

Respirator

Goggles

Glasses

Gloves

Ear defenders

Hi-visibility protective clothing/hardhats/boots

Other pre-start activities:

All BCL operatives to be site inducted prior start

BCL to have received a full set of working drawings prior to works commencing on site.

Environmental

All waste to be bagged and passed down and moved to the site compound ready for waste collection by BCL.

Sequence and methodology:

Masonry Block Replacements

BCL operatives to receive full site briefing by BCL Health and safety Director (Steve Eccleshare) including RAMS, COSHH and Task Briefing.

BCL operatives to report to the site office for daily site safety briefing from Site Manager David Lord.

BCL operatives to be fully aware of methods of work and any associated risks.

Proceed to work area.

- 1) Identify defective areas of fire damaged granite blocks as marked up on the Architect's drawings.
- 2) Mark each face of the granite block with the agreed depth required for replacement.
- 3) Ensure power and water are readily available.
- 4) Ensure insulation sound board proofing is in place to lower any potential noise pollution.
- 5) Erect temporary lighting to aid a better working environment.
- 6) Fix into position a timber core hole guide using 45mm screws to assist in core drilling the existing granite blocks.

- 7) Ensure water feed is on; power is still available and lighting is still suitable.
- 8) Ensure the correct PPE is worn and in use before operating the core drill.
- 9) Set the core drill up in to position marking the agreed & correct depth on the core and support with straps where necessary.
- 10) Proceed with the core drilling taking vibration records as works proceed.
- 11) The anticipated drill time for a 70mm depth core is 10 minutes per hole, maximum exposure is 2 hours per person per day.
- 12) Repeat the above process until all fire damaged granite has been drilled (process may be adjusted to suit).
- 13) Once this has been cut out a joint inspection by the engineer to be carried out prior to fixing works
- 14) When all of the fire damaged granite block has been core drilled, remove hole guides and sound proofing and wash down/clear area of slurry.
- 15) Masons are then to proceed to remove the core segment using specialist masonry chisels.
- 16) Bag up any core bits and rubble into rubble bags provided and place in BCL's site compound ready for disposal.
- 17) Wash out all core drilled areas ready for a joint inspection to be carried out with the client and the engineer.
- 18) Take receipt of new granite blocks on site and store within the site compound.
- 19) Proceed to fix the new granite blocks into position as agreed to fixing detail, using a combination of stainless-steel dowels (Ancon YPB stone cladding restraints)<https://www.ancon.co.uk/products/wall-ties-restraint-fixings/restraints-for-stone-cladding>, and anchor resins.



Ancon YPB Fixings to be used on granite to be fixed vertically on the face of the building



Soffit adjustable hanging details to be used on granite to be fixed horizontally in the arch of the fire damaged doorway.

Exact location of fixings to be agreed once granite has been cut out.

- 20) All new granite blocks to be bedded and jointed using the agreed lime putty mortar mix.
- 21) Proceed to bed new granite block on lime putty mortar using nylon packers to achieve the correct course height.
- 22) Install stainless-steel fixings as required using anchor resin to make sure the granite block is secure.
- 23) Point up around each new granite block upon fixing and sponge down face and arisses using clean water.
- 24) Note: any further propping to masonry (larger blocks) will require independent propping with scaffolding and timber formers and packers.
- 25) Proceed with this method to completion of work as the schedule identifies.
- 26) During the work process and after completion of works ensure work areas are cleaned of all waste materials to reduce trip/slip hazards. Bag up waste and remove to designated area ready to be removed from site or empty bagged rubbish.
- 27) This method may be revised at any time during the work operation.

Control of Task Specific Risks

Significant Activity Hazards	Controls
Working at Heights	All scaffold to be erected by fully trained operatives and introduce a scafftag check system. A rescue plan to be in place in all works at height. Do not stand on guard rails or handrails. Do not over-reach. Do not climb outside of the tower
Manual Handling	Manual Handling MUST be avoided wherever possible. All operatives to have received Manual Handling training. All bagged materials to be maximum 25 kgs. Delivery vehicles shall be unloaded within main compound. Correct gloves, footwear, clothing etc shall be worn. Two persons shall be instructed to lift no more than 33kgs in any one joint lift.
Control of hazardous substances. Lime Sand Resin. Dust. Fuel	All hazardous substances hazardous to health should be completely removed and replaced using a safer alternative. As a last resort the correct P.P.E MUST be provided, worn and maintained when handling hazardous substances. Manufactures information and Data sheets must be readily available at all times. All waste materials are to be disposed of as the manufacturers recommendations at a licenced tip with written proof.

Masonry Dust	Respirators to be face fit tested. Operatives to be clean shaven. Respirator filters to be changed on a regular basis. High impact goggles to be worn at all times of cutting out masonry by hand.
Hand Arm Vibration	Use other methods if possible, i.e. hand tools. Wear anti vibration gloves to reduce risk. Keep work periods to a minimum as indicated on HAVS chart. Supervisor to monitor exposure periods. Regular health checks.
Struck by moving Plant/vehicles	Use designated pedestrian walking routes. Adhere to exclusion zones and do not enter unless authorised.

Emergency Arrangements:

The nearest hospital is Manchester Royal Infirmary
In The likelihood of a fall or emergency
David Lord being the designated BCL Supervisor will brief the emergency services of the following:

Details of the Operative.

Male/Female

Age –approximate

Weight-approximate

Known problems from the fall/broken leg

Conscious/Unconscious

Equipment damage

Amount of time fallen/accident

In this situation no ropes or rescue equipment can be adopted from overhead rails and a rescue should not put any other operatives at risk.

The injured party should be kept warm and still until the emergency services arrive.

Site Identified Hazards	Controls



Task Briefing Record

Task briefing title

Task briefing number

Briefing given by:

Name	Position	Signature

Briefed to: (By signing below, I confirm that I have received and understood the briefing for this task.)

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