

Method Statement/ Risk Assessment

RAMS Title / Task:	Demolition & Rebuild of brick built structure
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Revision History

Document Issue	Date	Details
1	2/5/24	Wharf farm, station rd,shackerstone
2	8/8/24	Amendments to Timetable Details

Document Authors

Prepared By:	Date	Position
D.J.Irons	2/5/24	Principle contractor
Hayward Architects	8/8/24	Principle Designer

Note- principle contractor takes no responsibility for any other contractors on site, they are to provide their own insurances and safety measures whilst working on the project.

Task/ activities covered	Demolition of a Brick Built Structure & Rebuild
Briefing Arrangements:	- Operatives to have undertaken site-specific induction - briefings to be undertaken

1. Overview:

- To work roof down by hand using variety of hand tools and where necessary access equipment.
- To demolish a brick built structure and remove resulting arising.
- The estimated timescale for demolition to slab level is 4 weeks and estimated timescale for total construction up to completion is 11 months
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2. Timetable Details:

- 4 weeks - Demolition timescale includes cleaning bricks and tiles and carefully storing them. Rebuilding will commence swiftly from the end of demolition
- 3 weeks - Piling and floor construction. A qualified arboriculturist will be present on site when the foundation/piling works are being carried out to ensure that no significant roots are severed, and if required pile positions adjusted accordingly. All works to be undertaken to British Standard 5837:2012.
- 9 months - Rebuild from floor to completion

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3. Equipment, Persons & competency required:

- Variety of Hand Tools
- Heras fencing (exclusion zone)
- In date harness and lanyard
- Leak detection kit
- Firefighting equipment appropriate to the location
- Dust Suppression
- MEWP
- Recip saws

Minimum Competency	Task Specific Competency	✓/✗
CCDO Demolition Card	IPAF	✓
Asbestos Awareness Category B	Working at Height	✓
Demolition Awareness		
CITB Spec Dem Health Safety & Environmental Touch Screen Test		
First Aider		

4. PPE Requirements:

PPE	✓/✗		✓/✗
Hard Hat	✓	Hearing Protection	✓
HI VIS	✓	Disposable gloves	
Safety boots	✓	Disposable overalls	
Cut 5 Gloves	✓	Safety Glasses	✓
Glasses		Full face Visor	
Lace less Boots		Impact Goggles	
P3 Face Mask	✓	Fire proof overalls	
Air flow mask		Welding Gauntlets	
Full Air Feed Mask		Welding Masks	
Harness c/w Fall Restraint	✓	Welding Gloves	

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Detailed Method (Roof Removal):

Sequence of Work	
1	Prior to the works commencing, any services which are attached to the building wall shall be disconnected/isolated by the statutory service provider. <u>Site fencing to be installed to ensure exclusion zone to be in place.</u>
2	MEWP to be used to gain height to the roof structure to allow safe access. Tiles to be removed with hand tools and dropped within the building footprint to control exclusion zone. All tiles to be cleaned and saved for re use in new construction.
3	Once tiles have been removed, operatives working off the MEWP will cut away the timber purlins dropping them into the internal drop zone. Work will be suspended throughout the shift to remove materials from within the building footprint.
4	With the purlins removed the main rafter beams will be cut down bay at a time with the beams dropped within the building footprint and main ridge beam cut back bay at a time. This will be completed until the hole roof is removed.
5	Operatives using a variety of hand tools and handheld breakers shall work the blockwork wall down to slab level. All facing bricks to be cleaned for use in the new construction.
6	The blockwork wall shall be worked down course by course. The selected tool (Bolster chisel, breaker chisel etc.) shall be used on the mortar bed of the block to be removed.
7	The arising from the works shall be periodically cleared away into suitable waste containers for removal from site to a licensed waste disposal facility.
8	Dust shall be controlled by operatives dampening down the working area using a garden type sprayer or low charged hose.
9	The works shall be shared amongst the operatives to reduce the effect of HAVS on the individuals.

Method Statement/ Risk Assessment

Risk Assessment for: Demolition

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Date: 02/05/24

Task	Hazard	Persons Exposed	Risk Scoring			Control Measures	Residual Risk			Applicable AR Standard operating procedures
			L	HP	R		L	HP	R	
Hand Demolition	Using Hand Tools	Employees / Third Parties	3	3	9	All operatives to be trained in use of equipment, all PPE to be worn including gloves, eye protection and RPE during cutting activities, all plant to be well maintained	1	3	3	
	Working at height		4	4	16	MEWP to be used to gain access. Ground material to be inspected for voids and used away from vehicle routes.	1	4	4	
	Manual Handling		3	3	9	All operatives to be trained in manual handling, mechanical means used wherever possible loads to be sited as close to final destination as possible, hoarding / fencing panels to be moved via team lifting, transit routes to be free from trip hazards.	1	3	3	
	Dust		4	4	16	Dust migration to be assessed. Dust suppression to be used to suppress dust migration if required upon assessment. operatives to wear their face fitted P3 filter and pre-filter in dusty conditions. Power tools to be fitted with dust extraction equipment, where this is not possible then operatives to wear suitable RPE.	1	4	4	
	Sharp Edges		4	3	12	Operatives are to wear as a minimum of a cut 5 gloves whilst carrying out these works. Long sleeved clothing to be worn at all times when undertaking this task.	1	3	3	