

Task Briefing Title			Temporary Casing & Transport of the Dismantled Masonry Units		
Task Briefing Reference and revision					
RAMs Reference			W1Fountain: 001 : 05_10_2020		
Version	Prepared By	Approved By			
		Name	Signature		Date
01	Florian Kirchertz				

1. Introduction – Details of location of work

Summary. The works are to be carried out by London Stone Conservations and comprises of the careful dismantling, packing and transport of the Grade II Listed Drinking Fountain, located at the junction with Shaftsbury Avenue and the A40. All works will be undertaken by skilled and specialist operatives who are experienced with the heritage monuments. The fountain is to be dismantled in a controlled and sequenced manner, releasing each block one at time, working from the top down. The blocks are to be packed in specialist casing and delivered to the medium-term storage facility divided between the London Stone Conservation workshop and the secure LSC storage facility both located on the Industrial estate at N15 4LU.

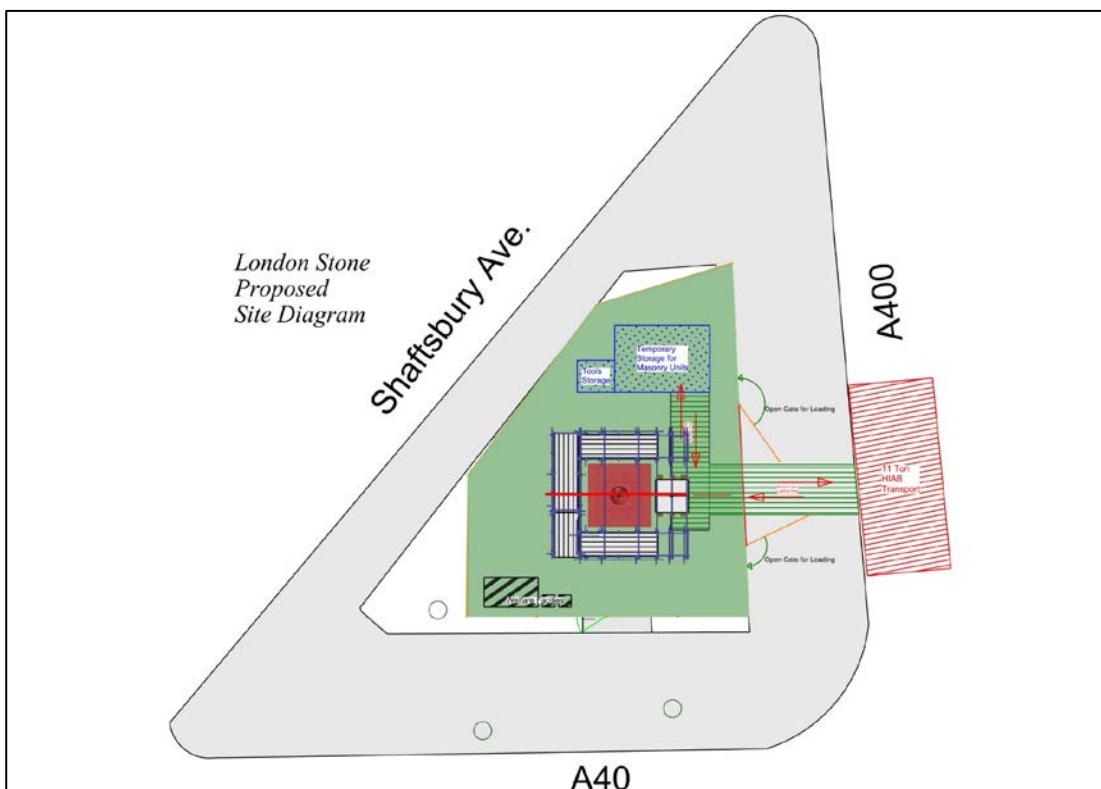


Diagram of site, perimeter of working area, proposed division of use.

Location. Triangular parcel of land at the junction of Shaftsbury Avenue and A40 road in W1.

Access. Pedestrian access will be through a gate on the East side of the Heras compound, adjacent a goods entrance.
TBC. Purpose build scaffold by competent scaffold firm, integrated lifting system designed into access platform.

2. Brief Description & Management of Task

Temporary casing and protection. The individual granite units will be temporarily protected and secured to a ply faced pallet for handling and transport to the LSC premises. The following protective materials will be used:

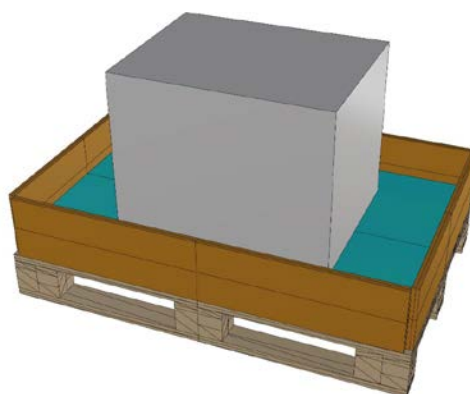
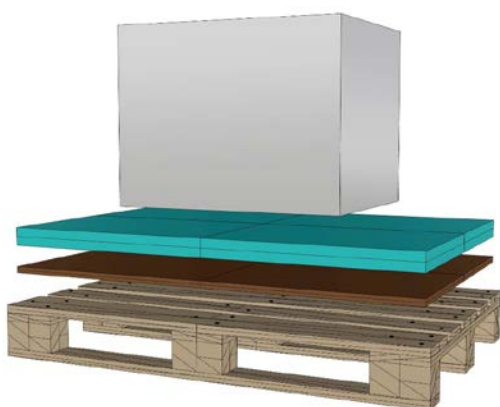
Tyvek – to be vapour permeable colourless or white, non - staining, synthetic (polyethylene) spun fibre fabric, which will not abrade surfaces or trap moisture.

Cushioning material of rigid or semi - rigid closed cell polyethylene foam blocks and sheets (medium to high density, white in colour)

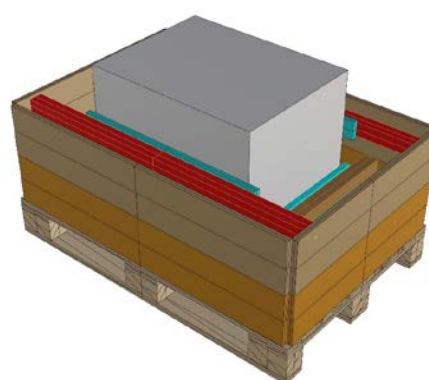
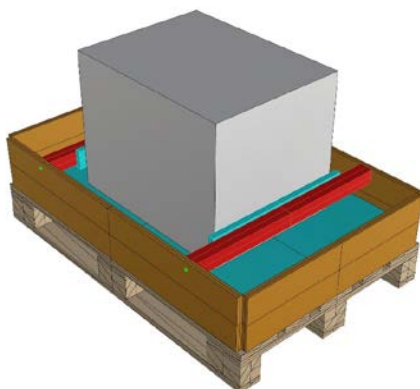
Fibre (synthetic or natural), to tie cushioning in place

Tarpaulins – to cover in case of inclement weather / airborne contaminants

The below diagrams illustrate some proposed methods and sequence of temporary casing to remove the blocks safely from site using the correct protective materials. These materials then can then be reused for the bespoke casing for medium-term storage providing a safe and cost-effective solution.

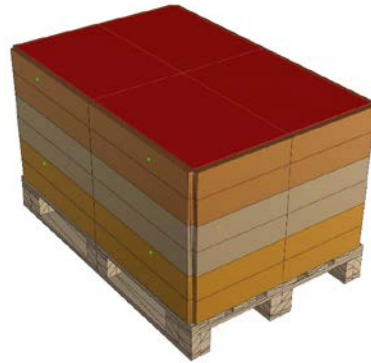
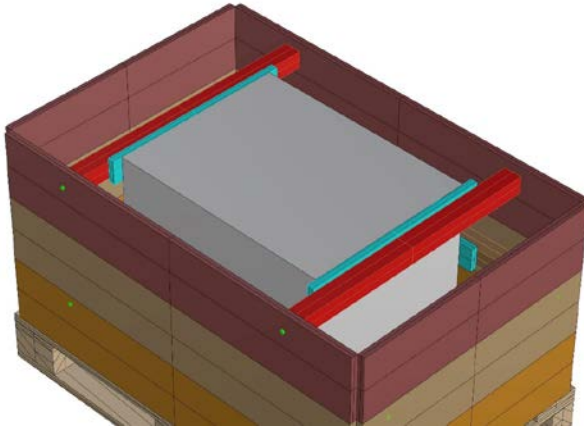


Granite block(s) will be seated on a layer of closed cell polyethylene foam, secured to a Euro pallet of the dimensions 800 x 1200 x 144mm, faced with ply. Each stone may be wrapped with Tyvek vapour permeable membrane and secured with natural fibre string. Prefabricated pallet collars will then be secured to the pallet and stacked to achieve the desired height.



Timber struts will be used to lock the stone in position, with all contact point between case and masonry unit protected with closed cell polyethylene foam fastened to the timber with 3M VHB double sided foam tape. Additional ratchet

straps of 3000kg will be used within the case if required, protected with closed cell polyethylene.



Timber struts will be installed to all elevations to prevent movement in any direction during transport. Pre-cut ply lids will be installed.



The prefabricated lid will be screwed in position and the case further secured with 4No 3000kg ratchet straps.

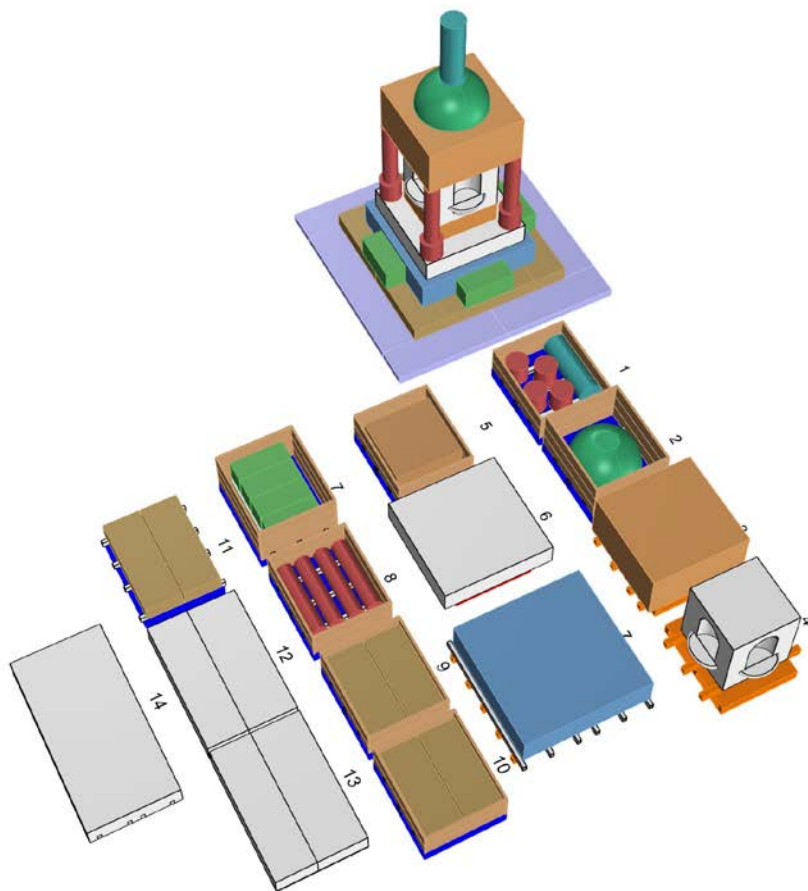


Illustration of the fountain assembled & dismantled.

Transport. The palletised and protected blocks will be transported on site by pallet trucks and skates along a paved route to a temporary storage area. Once a sufficient number of cases have been assembled at the storage area, the team will schedule a HIAB lorry to remove the units, under the conditions required by the Lift Permit and under the supervision of the Project Manager / traffic marshal. Each pallet will be loaded to an agreed weight as per the permit to load and lift plan. Once positioned on the lorry bed, the stone will be secured with 5 tonne polyester ratchet straps and transported to the LSC workshop.

3. Control of Site & Activity Risks

Top 5 Risks	Control Measures
1. Manual Handling	All operatives are trained in manual handling at work. Brief operatives of safe systems of work at site induction and throughout the project in daily task outlines and toolbox talks. Use of chain block, sack truck and pallet truck to move shift heavy items.
2. Slings & Lifting	Brief operatives of safe systems of work at site induction and throughout the project in daily task outlines and toolbox talks. Follow method and sequence of work laid out in the RAMS and Lifting Plan, and in line with LOLER regulations. Project Manager to oversee all slinging and lifting
3. Loading/Unloading of Heavy Objects w/ Telescopic handler	All LSC site rules and regulations to be obeyed at all times. HIAB handler to be operated by trained driver and in line with Permit to Load/Unload

Task Briefing Sheet

4. Electricity	All operatives are trained and competent. During site induction, rules on electrical safety to be reinforced. Electrical equipment will be checked on a daily basis and a log maintained. 110-volt equipment to be used at all times
5. Movement of Plant & Vehicles	Operatives to undertake LSC site induction and will have full working knowledge of site regulations and layout, RAMS and required permits. Areas of work and specified distances to traffic will be maintained at all times

List all required permits for controlling this work:

Permit to Lift

4. Resources

Table 1 List of personnel, with qualification and competence

Name & Contact	Position	Qualifications & Experience	Specific Competence
Florian Kirchertz 07876 685 470	Director	GCGI NVQ Level 5 Stonemasonry & Architectural Stonecarving	IOSH, CSCS, PASMA, First Aid at work, Manual Handling
Louis Russell 07947 449 854	Project Manager	BA Hons Art History & Italian, NVQ5 Dip Architectural Stonecarving	CSCS, PASMA, First Aid at work, Manual Handling
Nicholas Hague 07906 237 774	Project Co-ordinator	Dip Architectural Stonecarving, Banker Mason, Mason Fixer, Heritage Skills	CSCS, PASMA, First Aid at work, Manual Handling
Mirek Sanzcyk 07522 097 806	Senior Stonemason	Stonemasonry & Granite Memorial Masonry	CSCS, PASMA, First Aid at work, Manual Handling
Ambrose Blatchford 07809 541 867	Stonemason, Site Supervisor	Diploma NVQ Level 2 Stonemasonry, Diploma NVQ Level 2 Banker Masonry, Diploma NVQ Level 2 Banker Masonry, Advanced Banker Mason, Degree BA Architecture	CSCS, PASMA, First Aid at work, Manual Handling, SSSTS

PPE. Five-point PPE to be worn at all times on site ; hard hat, safety boots, gloves, safety glasses, and hi-visibility. Appropriate hearing protection is required when using machines or during noisy works above 85DBs. RPE face fit tested Sundstrom Dust Masks w/ P3 Filters.

Welfare facilities. TBC 6-man welfare unit plus additional toilet facility unit. Expected 6 operatives on site at a time with staggered breaks.

Table 2 Details of plant, materials, and equipment

Item	No.	Details/Comments
I-Beam, beam trolley	1	TBC, 5.5 m long, .5 ton SWL capacity
Block & tackle	1	3000kg SWL, 6 meter H.O.L. hand chain block., supplied, fully certified and tested
Lifting straps	16	8 @3000 kg SWL round slings (4 pairs 1m, 2m, 3m, 4 m lengths); 8 @3000 kg SWL flat webbing slings (4 pairs 1m, 2m, 3m, 4 m lengths)
Alloy bow shackle	3	3.25 ton SWL screw pin, fully certified and tested

Task Briefing Sheet

Webbing / round sling belt hook	2	3000kg SWL, fully certified and tested
Angle grinder	2	125 mm. variable speed, Makita GA5040C, 110V
Jigsaw, Skill saw	1,1	Makita 110V
Reciprocating Saw	1	Makita 110 V
Hand drill	1	Hilti TE30 110V
Battery Drill & Battery Impact Driver	2	DeWalt 18V lithium, 3.0AH
Pallets/timber/protective materials	Various	14no. reinforced Euro pallets, timber various, closed cell foam various
Pallet truck, moving skates	Various	Various units appropriate for Lift plan weights
Retaining ratchet straps	24	3000 kg ratchet straps
Hand tools	Various	Hand saws, hammers, rubber hammers chisels, drill bits, drill drivers, brushes, sponges

5. Changes to the Task Briefing Sheet

Record of Change: If any of the details in this briefing sheet do not match circumstances on site take the following steps:

1. Identify and record the change
2. Assess the additional hazards and control measures
3. Assess the overall risk profile of the additional risks after applying control measures.
 - If Low risk, gain authorisation from the person who approved the TBS, re-brief the workforce and then continue
 - If Medium or High Risk stop work as the RAMs will need to be reviewed and updated.

6. Emergency arrangements

All LSC procedures will be followed for any emergency, evacuation, environmental or security incidents that might take place while operatives are working on site. Site inductions to cover the following.

Emergency procedures, Evacuation plan, First aid, Location of nearest A&E, Location of fire extinguishers and alarms, Emergency exits, Meeting points

First aid. All LSC operatives are trained in First Aid at Work to administer first aid treatment for minor injuries. For anything of a more serious nature the Project Manager will contact the appropriate authorities.

Table 2 Locations of First Aid and A&E

Location	Type
On site with Team	First Aid Kit, Eye wash
A&E Hospital	TBC UCL Hospital

1. What is the change?

Detail what changes are required

2. Additional Hazards

Control Measures

Risk Rating

Likelihood of harm (L)		Severity of Impact (S)	
1	Very low - Unlikely harm will occur	1	Insignificant
2	Low - Harm may seldom occur	2	Minor - Minor Injury (no lost time)
3	Medium - Harm may occur frequently	3	Significant - Lost Time Injury
4	High - Likely that harm will occur/near certainty	4	Severe - Major Injury/Over 7-day absence
5	Very High - Very Likely harm will occur/certain	5	Very Severe - Fatality

5	5	10	15	20	25
4	4	8	12	16	20
3	3	6	9	12	15
2	2	4	6	8	10
1	1	2	3	4	5
	1	2	3	4	5

Likelihood (L)

Severity (S)

3. Risk Rate the overall additional risk profile. If rated as high or medium, works are not to proceed and RAMs are to be updated (Tick the relevant box below following your updated risk assessment)

Low

Medium

High

Can work continue?
(Only if Low Risk)

Yes

No



Has LSC Management agreed it is safe to continue?	Yes	No
Is everybody competent to continue with the task?	Yes	No

<p>a. Change authorised by:</p> <p>Roles:</p>	<p>Write here the name of the person that has authorised the change/s.</p> <p>Signature _____</p> <p>Date _____</p>
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