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<u>Construction Management Plan</u> <u>Relocation of Staunton-on-Wye War Memorial</u> <u>Planning Application no. P241497/F</u> <u>Listing number – 1461930</u>

Common Land at Junction of C1090 and U90404 Staunton On Wye Herefordshire HR4 7NH

This document was prepared by Tom Holder on 6th September 2024 and replaces document titled WM mcmillan and holder memorial detail, created on 25th April 2024

Staunton-on-Wye PCC have requested our involvement with the relocation of their war memorial. I have drawn up a Construction plan below detailing all of the relevant information involved in this relocation.

Original Location - 52.09564° N, 2.91522° W

The memorial currently sits on the junction to Church Road from the A458.

It is located approximately 4 metres from the road and is surrounded by a short metal fence. There are no residential properties near to the site but is surrounded by agricultural land.



New Location - 52.10112° N, 2.93202° W

The new location for the memorial is located on an area of common land in the centre of the Staunton-on-Wye village, opposite Staunton-on-Wye endowed primary school. The land has no bordering fences to the south and west sides but the north and east side is bordered by a high hedge. These high hedges are for residential properties. The site has a number of utility boxes located on the far end of the plot. McMillan & Holder are not contracted for any excavation work but care is to be taken when leaving materials or equipment so as not to block access to these units. Safety signs will be erected with contact numbers in case of emergencies. The signs will detail any safety requirements and PPE as well as a notice to detail no unauthorised access allowed.

Memorial Construction

The war memorial consists of 7 pieces of shaped granite components. The main base has a rock faced finish with plaques recessed into them and the column base, column, and finial ball all have polished faces.

Due to its age each component is likely to be located onto steel dowels held into place with mortar or lead.

Site Details During Construction

Whilst construction is taking place both sites will be bordered with Heras fence panels to stop any unauthorised access. The working hours will be between 8am & 5pm, Monday to Friday.

All waste is to be stored in water tight sacks/bins and to be taken from site daily and disposed of at our Leebotwood workshop skip or the appropriate waste method. Glues and resins are to be stored in vans until required and never left unattended on site. Other chemicals are not required for this project but if they become necessary,

the correct COSHH safety sheet is to be provided and only trained operatives are to use them.

Site vehicles will comprise of 1no. telehandler for lifting and moving of stone, up to 2 no. Ford Transit vans and 1 no. 10ft trailer. These vehicles will be stored at D&A Motors in Staunton on Wye, HR4 7LT whilst not in use. The use of the telehandler will only be for direct site use and will not be used for transporting components and materials between the sites. This is to reduce any mud/debris on the road. If any mud/debris contaminates the road, it is to be cleaned off immediately. The details of transporting the components are listed in the method statement within this document.

Method Statement

A demountable tower scaffold will be erected around the memorial to gain access to all parts. Prior to any work being carried out a survey will be taken to determine exact location of each component to the next. Each stone will be marked or labelled in a discrete manner so as it is easily removable upon completion. These will all be photographed and recorded.

The joints will then be cut out with a handheld diamond wire saw. This will remove the original mortar bedding it together and cut through any potential dowels. The map below shows a plan view of the war memorials original location (bordered in green). The best access to this memorial is located in the field to the rear of the memorial (bordered in red).

All components will be strapped and carefully lifted using a site telehandler, chain hoists and appropriate straps. When a component has been freed from the rest of the structure it can be hoisted over the hedge and placed on soft packing onto pallets. They will then be strapped to the pallet and safely stored until they are taken to the new site.

When everything has been dismantled the memorial components can then be moved to their new location. The new location is located opposite Staunton-on-Wye primary school and is shown below (bordered in blue) as well as in 2 no. drawings detailing a plan view and an elevation view.

The existing railings, sadly have deteriorated to a point that they cannot be restored. The extent of rust along the entire railings make them unsafe. It will not be possible to retain the railings on the existing site.

When all components are removed a group of local volunteers will dismantle and dispose of the rusted railings from the original location. The crazy paving stones will remain in situ. The grassy area and hedge will be tidied up. A sign will be placed on the original site detailing what was on the original site and the new location of the memorial.



A new concrete foundation will be cast below the grass line so that the same amount of the memorial base is visible as when it was in its original location. Flooring material will need to be established at this point so that enough height is retained for this flooring to fit. The new flooring will surround the memorial as per the drawing to allow access to the memorial as well as access to the benches located around the memorial. The memorial will be safely stored on site whilst the erection is carried out and will be within a boundary of Heras fencing. Before erecting the memorial in its final location each component will be cleaned of its original mortar and any original locating dowels. It is important to remove these because they are likely to be steel which over time can rust, expand and cause cracking in the stone. These locating dowels will be replaced with stainless steel dowels and modern glues to prevent future problems. Each component will also receive gentle cleaning using suitable cleaning agents and water to remove any dirt and grime. Test patches of the cleaning agent will be done in a discreate place to check its suitability and to avoid any damage to the stone. Due to the nature of the granite, it will only be surface dirt and will not be ingrained within the stone. Any waste water and material will be collected and disposed of in the appropriate manner.

Following this process we can begin to erect the memorial. Referring to the original survey each component will be hoisted into place. Hydraulic lime mortars will be used to bed between each component making sure full beds are used and the stones are we damped down to avoid hydraulic shock. It may be necessary to use slate packers to remove any movement of stones. These will be placed well behind the face of the joint. When each component has been bedded, excess mortar will be removed and any voids will be well packed with mortar. The excess will be sponged off with a damp sponge until the mortar is only within the joint and no mortar is left on the face of the stone.

At the end of each day the memorial will be wrapped with layers of hessian and a layer of waterproof tarpaulin to protect it against inclement weather and allow the mortar to cure at the correct speed. The hessian can be dampened down in periods of hot weather but must be dry in periods of cold weather. This protection will need to remain in place until the mortar is fully cured.

Upon completion the proposed area of paving can be addressed. The ground will be dug out around it to the correct area and a suitable foundation laid to the correct levels. The flooring type is yet to be confirmed but is proposed to be a natural sandstone or cobbles and sourced locally where possible. It will need to have a suitable finish to its face that will allow foot traffic and avoid getting slippery over time.