

Environmental Protection Method Statement and protection of Priory ancient monument at Arundel Heritage Centre.

The site is located in Mill Road car park, which is generally tarmac surfaced, with paving slabs and pavers locally around the existing church hall. The new building is re using land currently occupied by St. Nicholas Church Hall. It is bounded by the flood protection wall and River Arun to the South and existing trees to the South West, West and North West. On the planning drawing the new building is shown positioned 10.864m from the river's edge. The site will enclosed by means of a 'heras' fence system and accessed via the car park entrance as the attached site plan.

- Trees

There has been an arboricultural report carried out by Phillip J Ellis (Tree care consultant) pre development. This has identified 3 trees to be removed and pruning to one other tree. It has also identified that the new building is being constructed part within the root protection areas of remaining trees. The trees are therefore to have protection barriers as BS 5837 and piled foundations are being proposed to avoid roots. The pruning and removal works are being carried out by County Tree Surgeons, who will advise on protection works and supervise as required. Prior to commencing their works, County Tree Surgeons will be supplying risk assessments and Method statements for inclusion in the health and safety plan held on site. This will include their method of preventing vegetation clippings from entering the river.

- Ground, Ground water and contamination

A ground investigation report was carried out pre development by Ashdown Site investigation LTD. It concluded that there was a shallow thickness of made ground overlying approximately 12 to 14m of clay, dense sand and gravel, below which is white chalk subgroup to the depth of the investigation. The 12 to 14m above the chalk is viewed as soft ground and so it was stated that bored pile foundations would be required. Planning permission is being sort specifically for piled foundations for this reason. Groundwater was monitored and found to vary with the tide. As a result of the soft ground, presence of groundwater and to prevent possible contamination of the strata it will be necessary to use casings to the piles. The piling will be carried out by a competent piling contractor and will provide method statements and risk assessments for inclusion in the health and safety plan held on site. If any contamination is discovered that was not previously identified, works will be stopped until there is written agreement from planning on the method of dealing with the contamination.

- A Waste Acceptance Criteria test was carried out last week and we await the results to determine the disposal of excavated soil. This will form part of our Site Waste management plan that sets out how all waste from the site is managed and measures actual quantity of waste produced against measured targets for the project. Due to the small size of the site it will only be possible to have one skip on site at any one time. The skip company will sort the waste back at plant and maximise the amount of recycled material.
- The wall to the South of the site is part of the flood defence and must therefore not be removed or damaged during the works. The planks that infill the entrance to the tea rooms are to be kept beside the opening, just clear of the site boundary.
- Priory
To the West of the site are the listed remains of the old Priory. This structure will be separated from the site by distance, a row of trees and the site perimeter fencing. As stated above, the bored piles will prevent the potential damage that may have resulted from driven piles. Photographic records have been taken of the Priory remains before our start on site. These are supplied under separate cover. The Priory remains are well outside the site boundary and will not be used for access, plant or vehicle movements or material storage.
- C.O.S.H.H: By regulation all substances on site hazardous to health must have information on site that identifies their content, details how they are to be handled, used, stored and disposed of. All diesel is to be kept in double skinned bowsers or in bunded tanks with a 110% capacity of the tank and spill kits are available.
- Induction.

All subcontractors and operatives are given an induction before starting work on the site. All subcontractors have to provide written risk assessments and method statements for their package of the works including COSHH sheets for their products. In their induction they are briefed on the particular requirements of the site, including the risk assessments and method statements for their own work. All operatives must sign to acknowledge that they understand and will work to the method statement. All subcontractors have an on-site supervisor to ensure their work is correctly carried out. The work is further supervised by the site manager and visiting contract managers/safety officers.

Arundel Museum – Site set up plan



