



AFP CONSULTING ENGINEERS LTD
STRUCTURAL AND CIVIL ENGINEERING CONSULTANTS
Unit 6, Moseley's Farm Business Park, Fornham All Saints, Bury St Edmunds IP28 6JY.
Tel: 01284 750492 Email: bury@afpconsult.co.uk

**METHOD STATEMENT FOR DEMOLITION OF BARN 1
(SUMMERHOUSE), PAVILION, STABLES, SCIENCE BLOCK
AND SPORTS HALL AT TEMPLE DINSLEY, PRESTON.**

JOB No: CE24/4030

PREPARED BY: SCOTT REDHEAD (BSC HONS)

DATE: APRIL 2024

REV A 21.05.24



GENERAL NOTES

AFP information is to be read in conjunction with all Architects/ Surveyors/ Subcontractors' drawings & specifications.

All information prepared by AFP is on the assumption that the works will be undertaken by a well-established competent building contractor. Fully experienced in carrying out projects of this nature, and that the works on site will be supervised & administered by a suitably experienced person and works should be carried out to relevant British Standards and Codes of Practice, National Specification for Structural Steelwork, NHBC Standards and product specifications, all in accordance with good building practice.

Information provided by AFP does not seek to identify hazards or risks which are normal to any construction project and are expected to be addressed as part of a competent contractor through their normal health and safety risk assessment and risk management procedures. AFP are to be notified of any further unusual hazards/risks established prior to works being carried out.

The contractor is solely responsible for carrying out the works in a safe manner, all due attention being given to stability during the demolition. Adequate shoring, propping etc should be provided by the contractor.

If any unforeseen structural issues or structural defects occur once works have begun, then AFP should be contacted immediately before further works are carried out.

BRIEF AND SCOPE OF WORK

As part of the wider Temple Dinsley project the following buildings are proposed to be demolished. Barn 1 (Summerhouse), Pavilion, Stables, Science Block and Sports Hall.

The buildings are to be demolished in a safe manner with reference to this method statement and risk assessment. The contractor is responsible for the safe demolition of the buildings and is to provide their own method statement and risk assessment for the works.

BARN 1 (SUMMERHOUSE)

This is a relatively modern C20 single storey 4 bay timber portal framed barn with timber boarding and metal deck roof. The building is split into two parts with 2 bays being fully enclosed and 2 bays fully open with a low-level block wall on two sides. The portal posts appear to be bolted to the concrete slab rather than their own pad footings.

We class its demolition to be of relatively low risk however will need to be carried out in a methodical approach to avoid collapse during its dismantlement.

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AFP There are services to this building which should be fully disconnected by a competent person prior to any demolition work.

The metal roof decking and low-level blockwork can be removed in the first instance retaining the portal frames, roof timber and wall structure.

The building should then be dismantled a frame at a time starting with the end external bay, removing the roof timbers and portal frames to each bay. The timber walls are to be removed with each bay dismantlement.

The concrete slab can then be broken up and removed.

PAVILION

The Pavilion building is an early C21 timber framed shed with a duo pitch roof.

We class its demolition to be a low risk.

The building may want to be relocated. If so then the structure should be removed carefully and methodically so it stays intact if this is the case. However, due to the quality of the build and the potential damage from its dismantlement it is unlikely that it will be salvageable.

There are services to this building which should be fully disconnected by a competent person prior to any demolition work.

The building should be demolished methodically to avoid progressive collapse from the roof down in sections.

STABLES

The stables buildings are C21 timber framed sheds.

We class its demolition to be a low risk.

There are services to this building which should be fully disconnected by a competent person prior to any demolition work.

The building should be demolished methodically to avoid progressive collapse from the roof down in sections.

SCIENCE BLOCK

The Science block is a Part 2 storey modern C21 masonry structure with a pitched tiled roof.

The foundations are to be exposed and checked for adequacy of being retained for future use.

We class its demolition to be a low risk.



The first floors are beam and block so care should be taken in its removal, removing the finishes, then blocks then the beams themselves.

There are services to this building which should be fully disconnected by a competent person prior to any demolition work.

The building should be demolished methodically to avoid progressive collapse from the roof down in sections.

There are services to this building which should be fully disconnected by a competent person prior to any demolition work.

The building should be demolished methodically to avoid progressive collapse from the roof down in sections.

SPORTS HALL

This is a large modern timber clad, glulam portal framed building built in 1984.

There are services to this building which should be fully disconnected by a competent person prior to any demolition work.

We class this buildings demolition to be of moderate risk therefore requires a methodical approach with the contractor taking close attention to all the risks highlighted in the risk assessment and should provide their own method statements and risk assessments for the works for review by the engineer.

The building should be dismantled a frame/bay at a time to avoid progressive collapse of the structure. It would be prudent to temporarily prop any adjacent frames during the removals to maintain stability of the building.

The work can be carried out such that the glulam elements are retained for use elsewhere or reclaimed by others.

It would be prudent that the engineer and contractor meet on site once the contractor has carried out their method statement and risk assessments go through the works.

We would suggest that a specialist demolition contractor is appointed to work on this building.

CONCLUSIONS

We do not believe that any of these works has an impact on any historical structure on the site and can be carried out in a manner that limits the disturbance to any listed building or buildings of interest on the site.

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The contractor should provide their own statements and risk assessments for the works for review by AFP and should carry out any works in accordance with this report and good building practice.

We therefore deem these buildings can be safely demolished as part of the works.

AFP Consulting Engineers Ltd
DEMOLITION RISK ASSESSMENT

Project: TEMPLE DINSLEY FOR SPORTS HALL BARN 1, PAVILLION, SCIENCE BLOCK AND STABLES

Job Ref: CE24/4030

Date: APRIL 2024

TO BE READ IN CONJUNCTION WITH METHOD STATEMENT

This document identifies those Structural/Civil Engineering hazards/risks which are perceived to be unusual compared to a normal construction project.

This document does not seek to identify those hazards/risks which are normal to any construction project and can reasonably be expected to be addressed as part of a competent contractor's normal Health and Safety risk assessments and risk management procedures.

ITEM	HAZARD	RISK H M L	CONSIDERATION	PROPOSAL	ACTION
SCAFFOLDING	RISK OF TRIPS, FALLS AND FALLING DEBRIS/MATERIALS AND ADEQUATE ERECTION OF SCAFFOLDING	M	ADEQUATE SIGNAGE, SAFETY EQUIPMENT AND TRAINING.	SCAFFOLDING AND MAIN CONTRACTOR TO PROVIDE RISK ASSESSMENT AND METHOD STATEMENTS	MAIN/ SPECIALIST CONTRACTOR
REMOVAL OF ROOF STRUCTURE	RISK OF FALLS/FALLING MATERIALS	M	TO ENSURE NO DEBRIS OR PERSONEL CAN FALL.	METHOD STATEMENTS AND RISK ASSESSMENTS TO BE PROVIDED BY MAIN CONTRACTOR.	MAIN CONTRACTOR

ITEM	HAZARD	RISK H M L	CONSIDERATION	PROPOSAL	ACTION
HAZARDOUS MATERIALS	HEALTH RISKS	M	AWARENESS OF EXISTING ASBESTOS AND OTHER SUBSTANCES	MAIN CONTRACTOR TO ENSURE ALL PERSONEL ARE ADEQUATELY TRAINED. ASBESTOS SURVEYS TO BE CARRIED OUT AND IF ANY FOUND TO BE REMOVED BY SPECIALIST	MAIN CONTRACTOR / SPECIALIST
UTILITIES	RISK OF EXPLOSION OR ELECTOCUTION	M	LIVE UTILITIES	ENSURE CORRECTLY TRAINED PROFESSIONALS SURVEY AND DISCONNECT ANY LIVE ELECTRIC, WATER, GAS ETC	MAIN/SPECIALIST CONTRACTOR
NOISE AND DUST	NOISE POLUTION, DUST POLUTION AND CONTAMINANETS	L/M	HEALTH OF WORKERS AND PUBLIC	ADEQUATE TRAINING, FULL PPE. METHOD STATEMENT BY CONTRACTOR. LIMIT HOURS OF WORKING	MAIN CONTRACTOR AND SUB CONTRACTORS
ACCESS AROUND BUILDINGS	RISK OR FALLING DEBRIS, DANGEROUS UNSTABLE STRUCTURES	M	PROTECT SURROUND AREA OFF FROM ACCESS BY PUBLIC	LIMIT ACCESS TO THE VICINITY OF THE MINERETS VIA FENCING AND SIGNAGE	CLIENT AND MAIN CONTRACTOR
REMOVAL OF SUSPENDED CONCRETE FLOOR	RISK OF FALLS/FALLING MATERIALS	M	TO ENSURE NO DEBRIS OR PERSONEL CAN FALL.	METHOD STATEMENTS AND RISK ASSESSMENTS TO BE PROVIDED BY MAIN CONTRACTOR.	CLIENT AND MAIN CONTRACTOR