



# Proposals Replacement of Structural Timbers

Barn on Talbot Street,  
Chipping,  
Lancashire,  
PR3 2QE



## **Contents**

1.0 Introduction

2.0 Roofing Proposal

## 1.0 INTRODUCTION

This statement/document has been compiled to gain permission to remove the existing structural timbers and replace them with new at 'The Barn' on Talbot Street, Chipping, Lancs, PR32QE.

Following the start of works it has become apparent that the existing roof trusses are not fit for purpose. Please refer to the below image and structural engineer's report highlighting the issues.



Please see above photographs of the existing beams at close range, as shown there has been large ingress of water over the years it has been derelict, resulting in excessive water damage to the beam ends. This is then worsened by the insect infestation which has resulted in the original timber being able to be pulled apart by hand.

Our plan was to keep and repair the trusses however they have gone too far into disrepair and are in the opinion of this Author a health and safety concern.

## **2.0 ROOFING PROPOSALS**

The proposal is to place new steel purlins from spine wall to spine wall which is to support the weight from the main roof. We then propose that the new trusses will be installed in the barn. The timbers will be brought into the space and a joinery team will model and construct on site as each beam will be slightly different due to the existing shape of the build.

We request that the middle beam in the middle property is not reinstated since the existing beam is low and causes a head height issue in the corridor.

The timber to be used will be Douglas Fir to match the existing beams.

In our opinion the proposal will be sympathetic to the building, whilst also providing a safe and strong structural solution to support the integrity of the building going forward.

The proposed trusses will be for aesthetic purposes only as such we have the option to move them. The trusses are to be moved slightly from the original position to make them land in a more prominent position in the room make them more visible and make them more of a feature within the space.