



<b><u>Demolition</u></b>	
1	The roof structure will be careful dismantled and mechanically lifted from the building and stored on site in the barn or garden area (wrapped and protected to keep dry)
2	As the roof has had previous remedial works the rafters will be replaced for new
3	Ridge board will be stored and re-used if possible. If not a replacing (exact size will be introduced)
4	The existing structure will be fully propped with structural scaffolding to protect during the works - this scaffolding is already in place and will be adapted during the works to suit the task

<b><u>Re-Construction</u></b>	
King truss 1	Condition okay. King post and struts in good condition. Full inspection to be carried once on safe ground level. Will be re-used
King truss 2	Condition okay. King post and struts in good condition. Area (marked by "star") braced with steel plate which may need strengthening on tie beam. Full inspection to be carried once on safe ground level. Will be re-used
Purlin 1	Assume existing oak purlin removed during strengthening works. Sawn timber present. Will be replaced with new oak to match existing
Purlin 2	Present however accompanied by new sawn cut timber presume to add structural strength. Full inspection of existing however if defected will be replaced with new oak to match existing
Purlin 3	Present however accompanied by new sawn cut timber presume to add structural strength. Full inspection of existing however if defected will be replaced with new oak to match existing
Purlin 4	Assume existing oak purlin removed during strengthening works. Sawn timber present. Will be replaced with new oak to match existing
Purlin 5	Present however accompanied by new sawn cut timber presume to add structural strength. Full inspection of existing however if defected will be replaced with new oak to match existing
Purlin 6	Present however accompanied by new sawn cut timber presume to add structural strength. Full inspection of existing however if defected will be replaced with new oak to match existing
Purlin 7	Present however accompanied by new sawn cut timber presume to add structural strength. Full inspection of existing however if defected will be replaced with new oak to match existing
Purlin 8	Present however accompanied by new sawn cut timber presume to add structural strength. Full inspection of existing however if defected will be replaced with new oak to match existing
Purlin 9	Assume existing oak purlin removed during strengthening works. Sawn timber present. Will be replaced with new oak to match existing
Purlin 10	Assume existing oak purlin removed during strengthening works. Sawn timber present. Will be replaced with new oak to match existing
Purlin 11	Present however accompanied by new sawn cut timber presume to add structural strength. Full inspection of existing however if defected will be replaced with new oak to match existing
Purlin 12	Assume existing oak purlin removed during strengthening works. Sawn timber present. Will be replaced with new oak to match existing

**Notes**

All existing timbers to be inspected fully on ground level for damage and any defects. All replacement timbers to match as close as possible to existing and fixed in the traditional method to match existing

Where original timbers have been removed by previous owners new oak timber will be used to match existing as close as possible.

All common rafters where suitable will be saved and reused