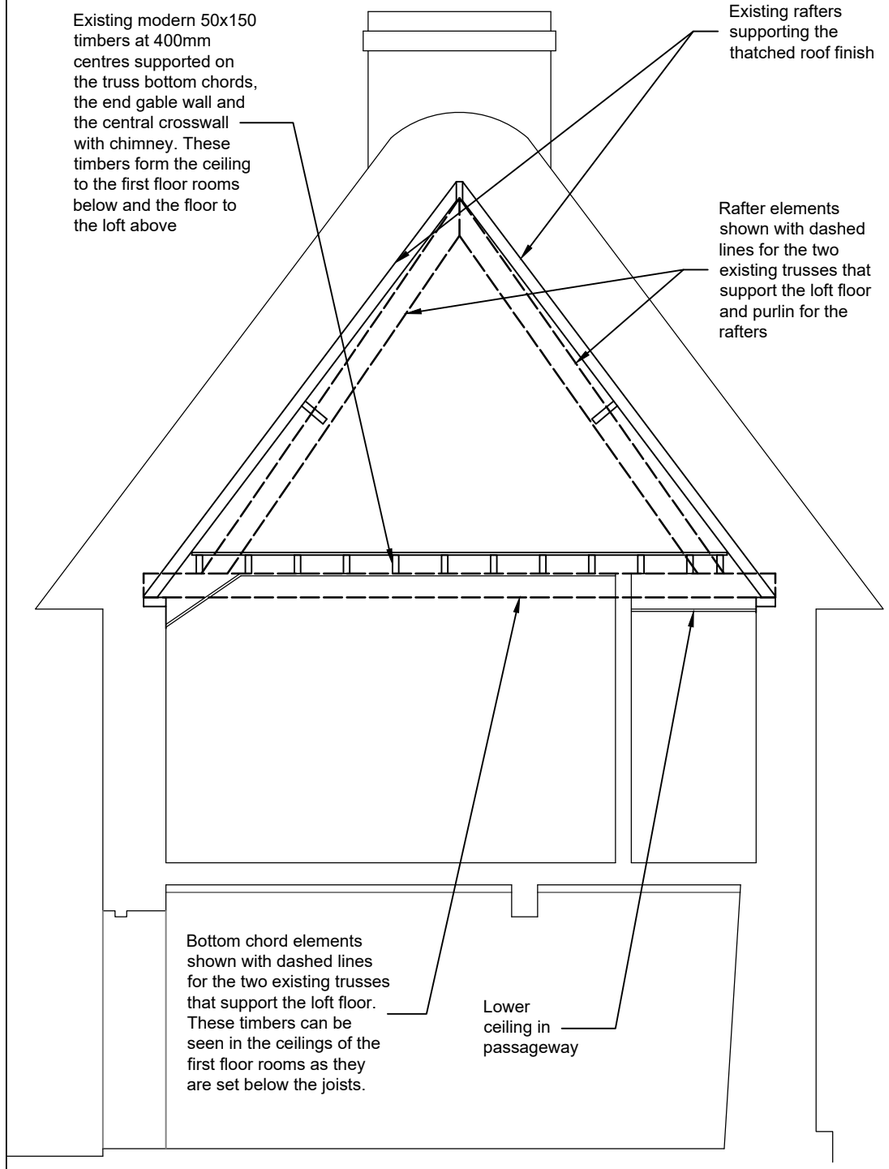
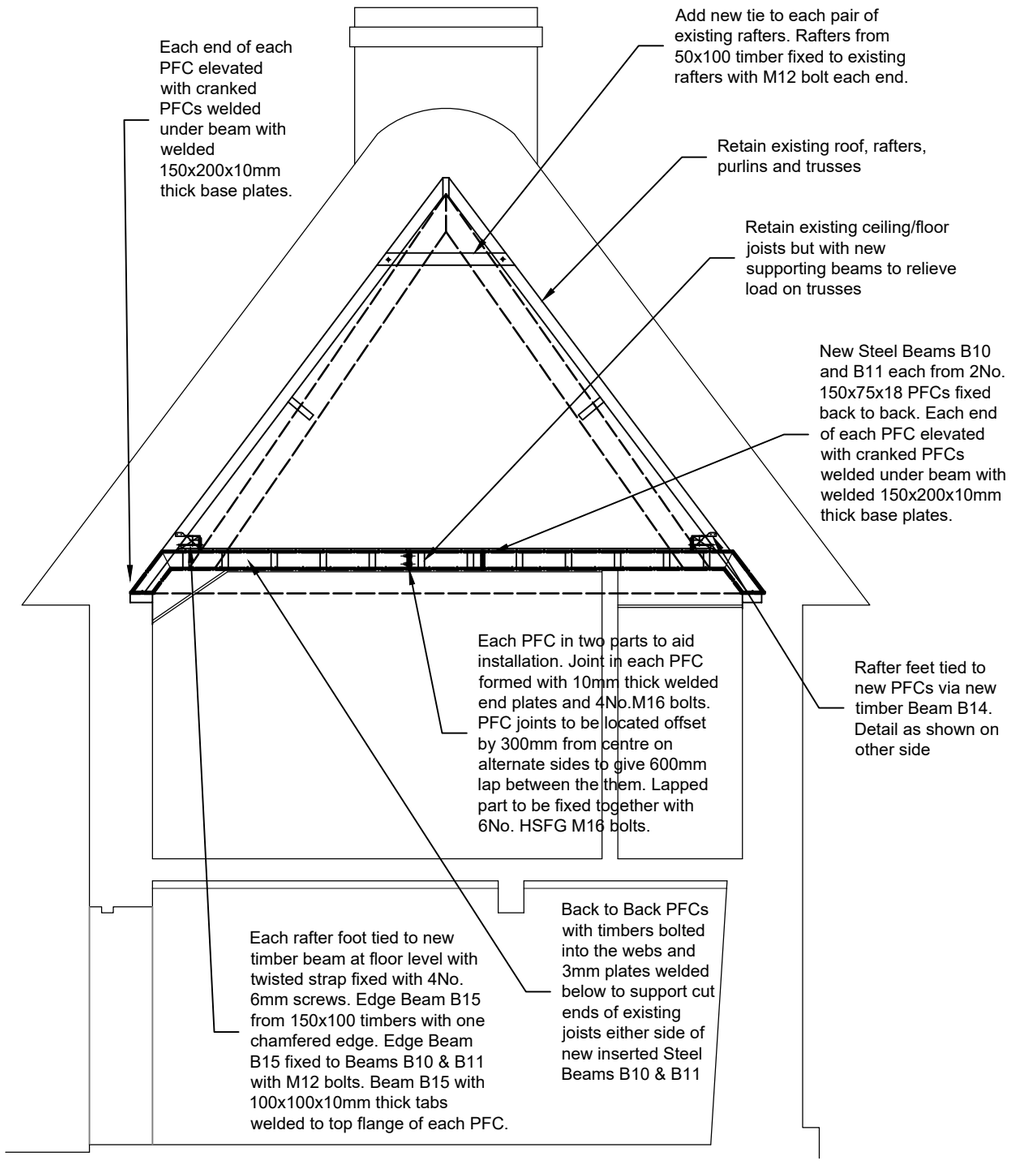


Section DD Showing Existing Structure

Scale 1:50



Section DD Showing Proposed Structure

Scale 1:50

Steelwork:

1. All steelwork to be in accordance with the current edition of the national structural steelwork specification for building construction CE marking version and BS 5950.
2. Fabricator to check all dimension on site prior to fabrication.
3. All steelwork to be grade S275 to BS EN10025 except all hollow sections to be hot formed grade S355 to BS EN10210. Shot-blasted to SA 2 ½ and primed with a zinc rich epoxy, except where noted as hot dipped galvanised. Fire protection to architects specification.
4. All steelwork below floor slab level and exposed in cavities to be given additional 2 coats of bituminous paint.
5. Temporary bracing of the structure to be the responsibility of the steelwork sub-contractor.
6. All bolts, nuts and washers to be sherardised or hot-spun galvanised.
7. Unless noted otherwise, all bolts to be grade 8.8. with a min. 2 bolts/connection.
8. Unless noted otherwise, all welds to be 6mm fillet weld, full profile.

Timber:

1. All timber to be grade C16 (unless noted otherwise) and in accordance with BS 5268.
2. All truss / rafter ends to be fixed to wall plates with proprietary truss clips and held down with proprietary vertical straps fixed to masonry and truss / rafter ends.
3. Gable walls to be restrained at ceiling tie and verge level to wall with proprietary steel straps turned over the inner leaf of the gable wall and fixed to noggins over a distance of minimum 3 No rafters.
4. All restraint or holding down details and strap spacing's to be in accordance with Approved Document Part A and BS 5628.
5. Plywood / OSB sheathing to be fixed to timber with 3mmØx50mm long nails at 150mm centres around edge of sheet and at 300mm centres along intermediate studs.
6. Double and triple timbers to be well spiked together
7. Proprietary hangers, restraint straps and truss clips to be fixed in accordance with manufacturers written instructions and recommendations.

General Notes:

1. This drawing is to be read in conjunction with all relevant Architects and Engineers drawings and specifications.
2. Do not scale from this drawing. For all setting out dimensions refer to the Architects drawings and specifications. Any discrepancies to be reported immediately to Architect/Engineer.
3. Safety and stability of the works during construction is the responsibility of the contractor who should phase the works and provide temporary supports as necessary.
4. All proprietary items to be installed in accordance with the manufacturers recommendations.

RISK ASSESSMENT

RESIDUAL RISKS IDENTIFIED

1. None identified, 27/10/2021.

CONTRACTOR'S GENERAL RISK ITEMS

(List is not exhaustive but includes commonly raised issues)

1. Location of all buried/hidden services.
2. Foundation & drainage excavations: Stability of sides, undermining existing structures, diverting existing drainage or field drains, services etc.
3. Manual lifting of heavy objects: Steel beams, Columns, Lintels, etc.
4. Temporary stability of structure during the works.
5. Falls from height or into excavations.
6. Security: Keep site secure from members of the public. Maintain public safety when accessing site.

Rev	Description	Date
P4	Revert back to new steel beams to support floor	26/02/22
P3	Section marker changed to DD	08/11/21
P2	Change to flitch beam support to trusses	03/11/21
P1	First Issue	27/10/21

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PROJECT

Ivy Cottage
32 High Street
Bodicote
OX15 4BP

CLIENT

H Smart

TITLE

Sections DD Showing
Existing and Proposed Structure

PURPOSE OF ISSUE

PRELIMINARY

DRAWN BY	CHECKED BY	DATE
CT	NV	27/10/2021

SCALES (@ A3)	PROJECT NUMBER
1:50	VE21088

DRAWING NUMBER	REV
21008/11	P4