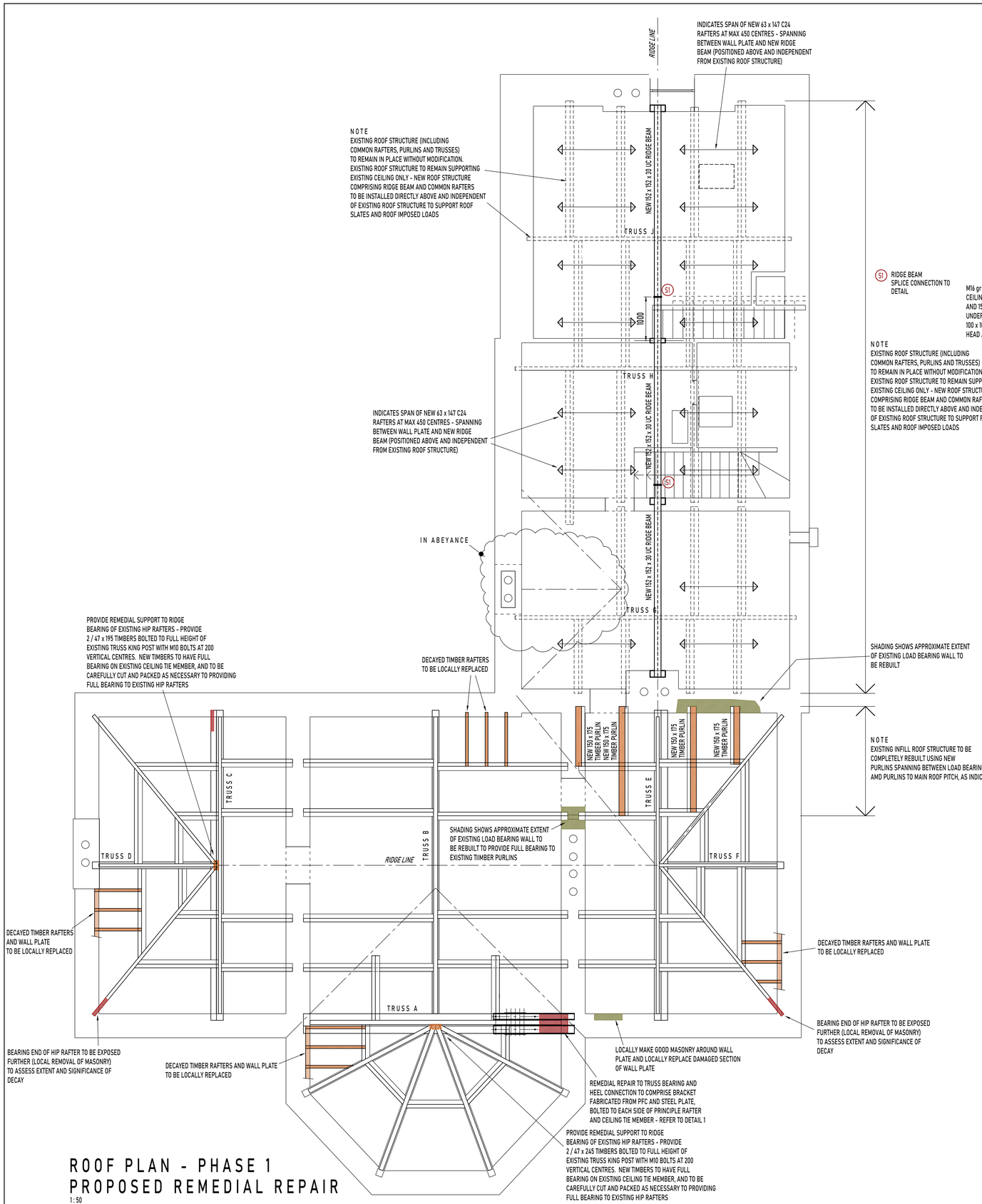
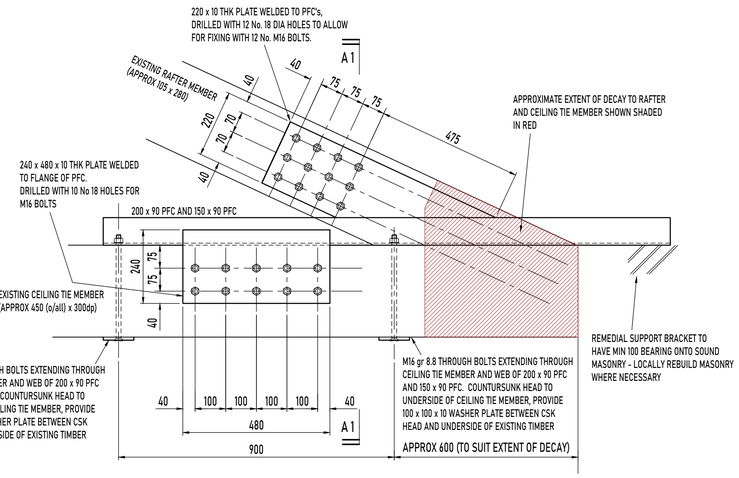


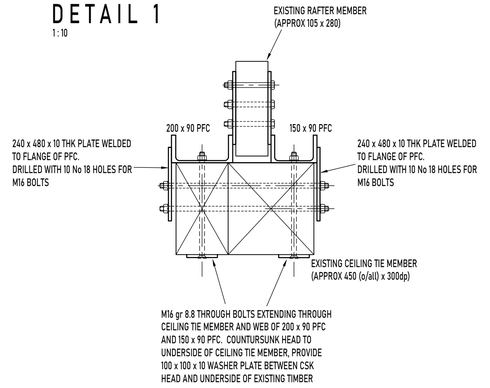
ROOF PLAN - PHASE 1
PROPOSED REMEDIAL REPAIR
1 : 50



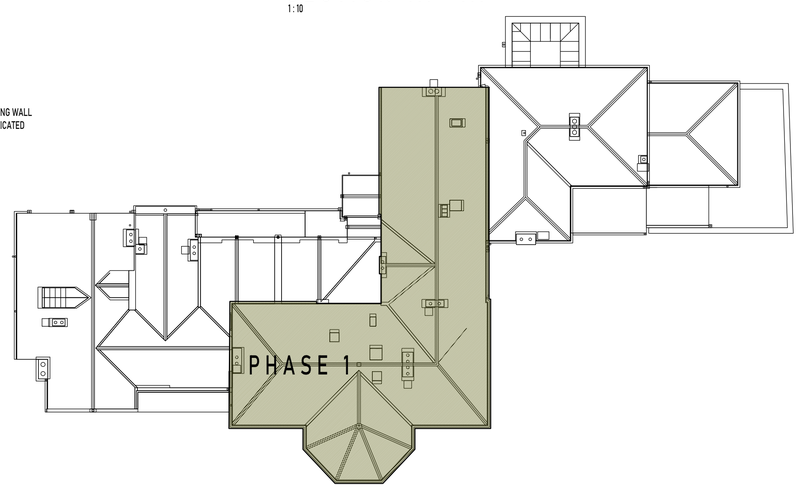
S1 RIDGE BEAM SPLICE CONNECTION TO DETAIL

NOTE
EXISTING ROOF STRUCTURE (INCLUDING COMMON RAFTERS, PURLINS AND TRUSSES) TO REMAIN IN PLACE WITHOUT MODIFICATION. EXISTING ROOF STRUCTURE TO REMAIN SUPPORTING EXISTING CEILING ONLY - NEW ROOF STRUCTURE COMPRISING RIDGE BEAM AND COMMON RAFTERS TO BE INSTALLED DIRECTLY ABOVE AND INDEPENDENT OF EXISTING ROOF STRUCTURE TO SUPPORT ROOF SLATES AND ROOF IMPOSED LOADS

DETAIL 1
1 : 10



SECTION 1A - 1A
1 : 10



ROOF - KEY PLAN
1 : 200

GENERAL NOTES

Do not scale from this drawing, use figured dimensions only - where in doubt consult Engineer

This drawing to be read in conjunction with all relevant Architects and Building Services Engineers drawings

1. All steelwork to be in accordance with the latest issue of the National Steelwork Specification for Building Construction.
2. All steelwork to be grade S355 JR to BS EN 10025 unless otherwise noted. Structural hollow sections to be hot finished, grade S355 J2H to BS EN 10210 unless otherwise noted.
3. Unless otherwise noted, steelwork to be blast cleaned to SA2.5 and painted with zinc phosphate primer to a minimum thickness of 75 microns. Top coats, where necessary to be to Architects specification. All primers to be compatible with top coats and intumenescent coatings.
4. Where noted as galvanised, steelwork to be blast cleaned to SA2.5 and hot dip galvanised to a thickness of 140 microns. Galvanised steelwork to receive paint finishes to be T washed. Bolt and nut fixings to be hot spun galvanised, with threads re-cut after galvanising.
5. Fire protection to steelwork to be to Architects specification.
6. Connection designs and details not shown on these drawings to be designed by steelwork contractor. Connection details to be submitted for comment at least 10 days before fabrication.
7. Fabrication drawings to be submitted for comment at least 10 days before fabrication.
8. All dimensions relating to existing construction are to be obtained by the steelwork contractor.
9. A written method statement to describe proposed demolition and erection of steelwork is to be submitted at least 5 days before these works starting on site.
10. Temporary propping and support remains the responsibility of the contractor. Temporary propping loads shown on this drawing are minimum working loads for which temporary works should be designed. Temporary props to be taken to suitable foundation and to be fully braced and tied.
11. All reveals to be made good in engineering brickwork as necessary. New masonry to be fully bonded/tied to existing.
12. Concrete padstones to be from minimum grade C35 concrete. Top side to be trowelled smooth to receive beam bearing.

PROVISIONAL - WORK IN PROGRESS

Revision	Description	Date
P1	Initial Issue	13/09/24

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07703 495485

SAWYER
CONSULTING ENGINEERS

Client
Barker Construction Ltd

Project
FENAY HALL
FENAY LANE
ALMONDBURY

Drawing Title
PHASE 1
PROPOSED STRUCTURAL REMEDIAL WORK TO EXISTING ROOF STRUCTURE

Status	Drawn
PRELIMINARY	DS
Scales	Checked
AS NOTED - PLOTTED AT A1	DS
Project and Drg No.	Rev
23_453_002	P1