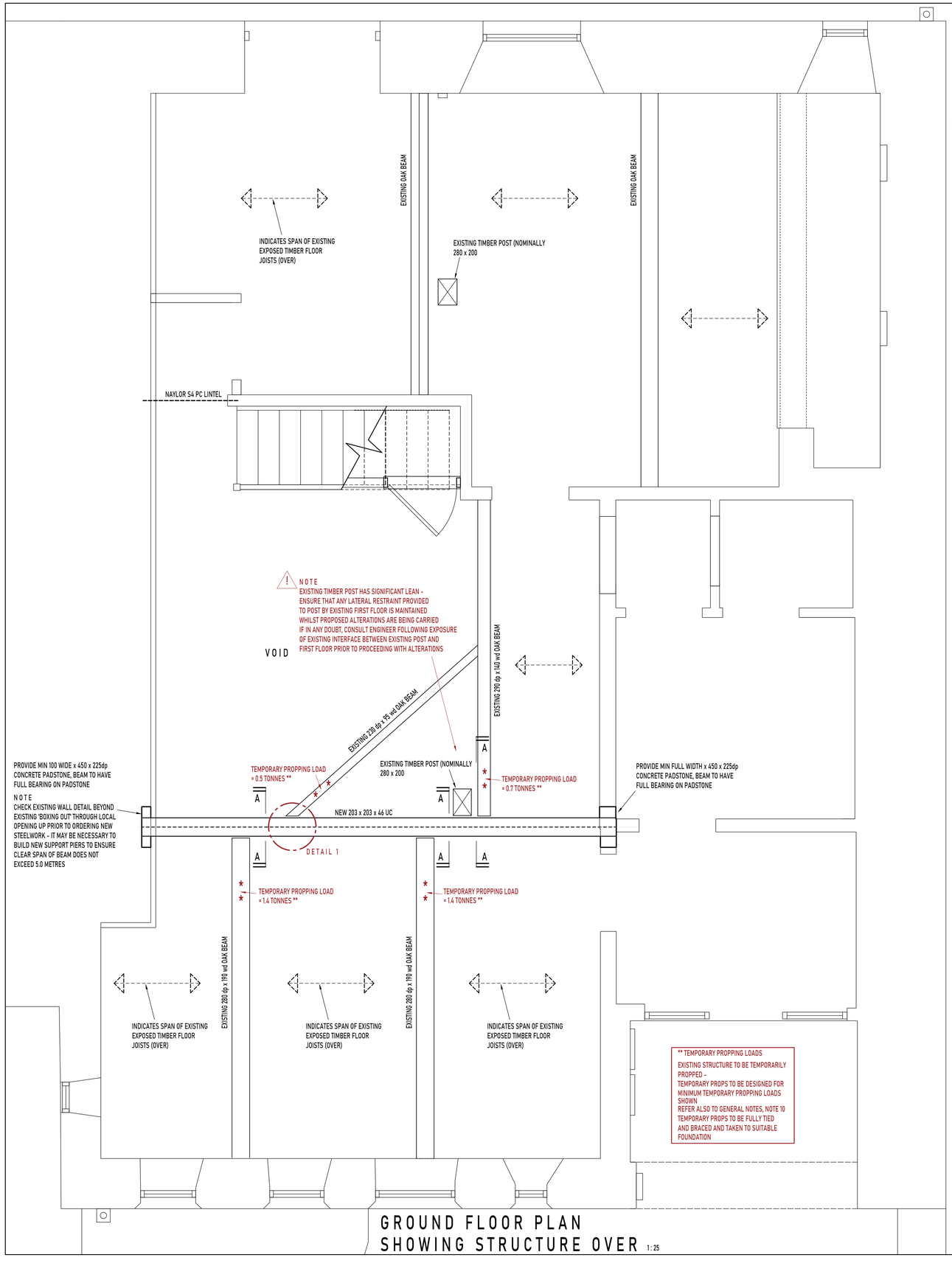
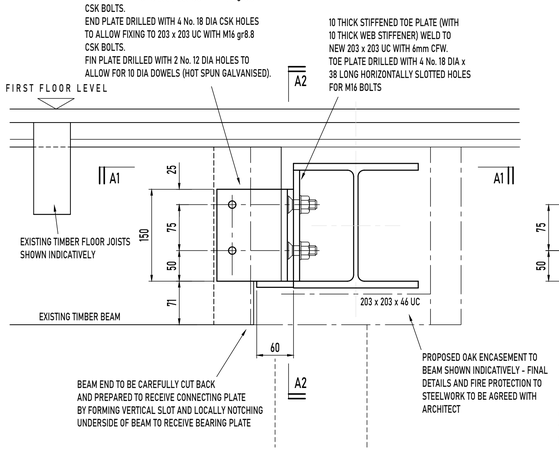
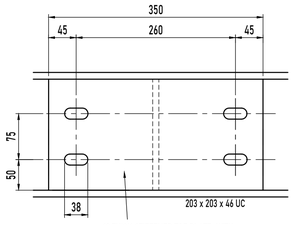


GROUND FLOOR PLAN SHOWING STRUCTURE OVER 1:25



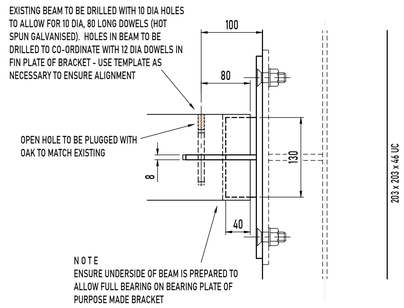
SECTION A-A TYPICAL CONNECTION OF EXISTING TIMBER BEAM TO NEW STEEL BEAM

1:5



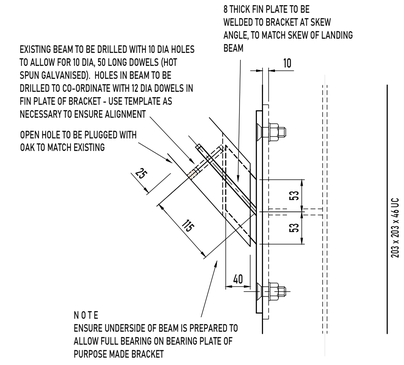
SECTION A2 - A2

1:5



SECTION A1 - A1

1:5



DETAIL 1

1:5

DETAILS SIMILAR TO SECTION A - A, UNLESS NOTED OTHERWISE

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.

Revision	Description	Date
P2	Amended to co-ordinate with Architects latest GA drawing	05.01.26
P1	Initial Issue	22.12.25

Empire House
Lewisham Rd
Slaithwaite
Huddersfield
HD7 5AL
dan@sawyerconeng.com
07703 495685

SAWYER
CONSULTING ENGINEERS

Client

J Firmin

Project

ASH BARN
BLAKE HOUSE FARM
MARSH HALL LANE
THURSTONLAND

Drawing Title

PROPOSED GROUND FLOOR ALTERATIONS
STRUCTURAL GENERAL ARRANGEMENT

Status	Drawn
PRELIMINARY	DS
Scales	Checked
AS NOTED - PLOTTED AT A1	DS
Project and Drg No.	Rev
25_741_001	P2