

NOTES:
GENERAL

G01. THIS DRAWING IS COPYRIGHT AND THE PROPERTY OF SJB CONSULTING. THE DRAWING MUST NOT BE REPRODUCED IN PART OR IN WHOLE WITHOUT PRIOR WRITTEN AUTHORITY.

G02. THIS DRAWING MUST NOT BE SCALED BY EITHER CONTRACTORS OR OTHER CONSULTANTS ANY DIMENSIONAL OR SETTING-OUT DISCREPANCIES ARE TO BE REPORTED TO STRUCTURE WISE CONSULTING PRIOR TO CONSTRUCTION / FABRICATION COMMENCING.

G03. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ENGINEERS AND ARCHITECTS INFORMATION.

G04. WHERE NOT STATED ELSEWHERE, THE MINIMUM STANDARDS TO BE ADOPTED ARE THOSE GIVEN IN BS 8000 AND THE BUILDING REGULATIONS APPROVED DOCUMENT A.

G05. THE STRUCTURE HAS BEEN DESIGNED FOR THE FOLLOWING IMPOSED ACTIONS:
RESIDENTIAL 1.50 KN/M2
ROOF 0.6 KN/M2

G06. REFER TO DRAWINGS BY OTHERS FOR:
MASONRY SETTING OUT
FIRE PROTECTION
STACK LOCATIONS / SERVICE PENETRATIONS
DPM / INSULATION / FINISHES DETAILS

STRUCTURAL STEELWORK

S01. IT IS THE RESPONSIBILITY OF THE STEELWORK FABRICATOR TO OBTAIN ANY NECESSARY SITE DIMENSIONS REQUIRED.

S02. ALL STEELWORK TO BE GRADE S275 MINIMUM

S03. STEELWORK TO BE IN ACCORDANCE WITH BS EN 1991-1-1, TABLE 3.1. EXECUTION CLASS EXC2 IN ACCORDANCE WITH BS EN 1090-2, ANNEX A.3.

S04. STEELWORK TO BE SHOT BLASTED TO SA2.5 AND PAINTED WITH A SHOP APPLIED 75 MICRONS DRY FILM THICKNESS OF QUICK DRYING ZINC PHOSPHATE AND A SITE APPLIED 75 MICRONS DRY FILM THICKNESS OF ALKYO OR MODIFIED MICACEOUS IRON OXIDE (B.S. REF. FU2C) TOTAL SYSTEM DRY FILM THICKNESS OF 150 MICRONS.

S05. STEELWORK BUILT INTO CAVITIES TO BE GIVEN ADDITIONAL 2NO. SITE COATS OF BITUMINOUS PAINT.

S06. AFTER ERECTION ON SITE ALL DAMAGED AREAS TO BE MANUALLY CLEANED BACK TO A SOUND SURFACE AND REPAINTED WITH A PRIMER AND OTHER COATS AS NOTED ABOVE OR AN EQUIVALENT APPROVED BY THE ENGINEER. IN THE CASE OF GALVANISING THE STEEL IS TO BE PAINTED WITH AN APPROPRIATE NUMBER OF COATS OF ZINC RICH PAINT TO GIVE THE EQUIVALENT SPECIFIED THICKNESS.

S7. ALL WELDS TO BE 6MM FILLET WELDS UNO.

S8. ALL STEEL TO BE AFFIXED TO PADSTONE WITH 2No. M12 RESIN ANCHORS

STRUCTURAL TIMBER

T01. TIMBER GRADE STRENGTH TO BE IN ACCORDANCE WITH BS EN 1995. TIMBER TO GENERALLY BE GRADE C16 UNO.

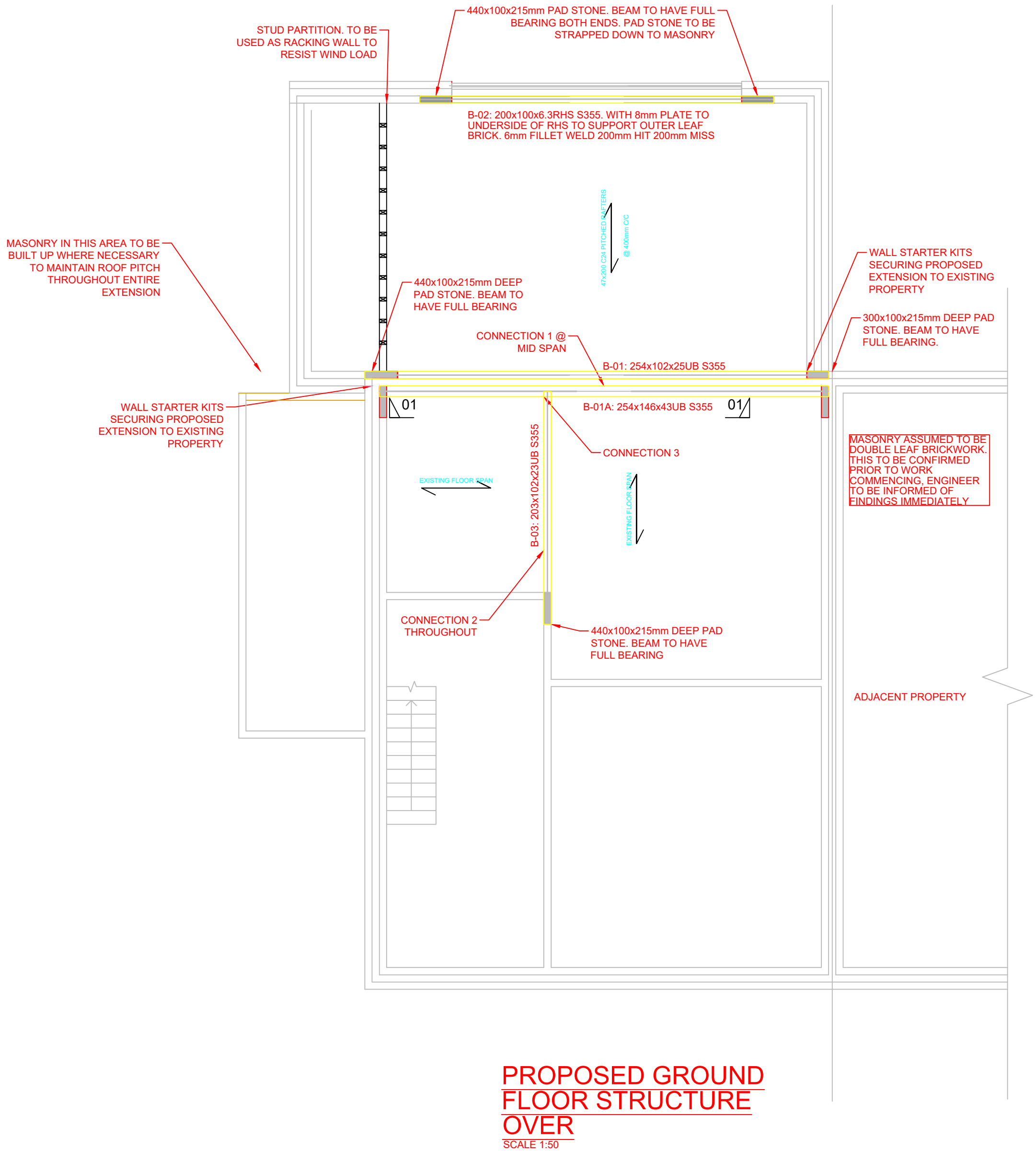
T02. MINIMUM BEARING OF ALL FLOOR BEAMS TO BE 100MM

T03. EXACT LENGTHS AND SIZES OF TIMBERS ETC TO BE DETERMINED FROM SITE MEASUREMENT.

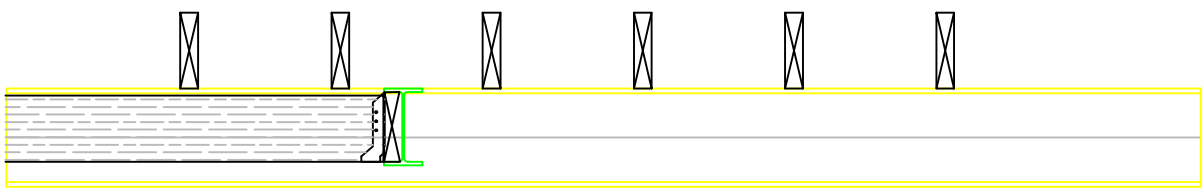
T04. STRUTTING TO BE CARRIED OUT IN ACCORDANCE WITH BUILDING REGULATIONS PART A.

T05. ALL STRUCTURAL TIMBER TO BE PRESSURE TREATED IN ACCORDANCE WITH BS 8417 FOR THE ENVIRONMENT; A CERTIFICATE OF ASSURANCE SUBMITTED TO THE ENGINEER. THE MAXIMUM AMOUNT OF WOODWORKING TO BE CARRIED OUT PRIOR TO TREATMENT. EXPOSED SURFACES FROM WORKING AFTER TREATMENT TO BE LIBERALLY BRUSH-TREATED WITH PRESERVATIVE.

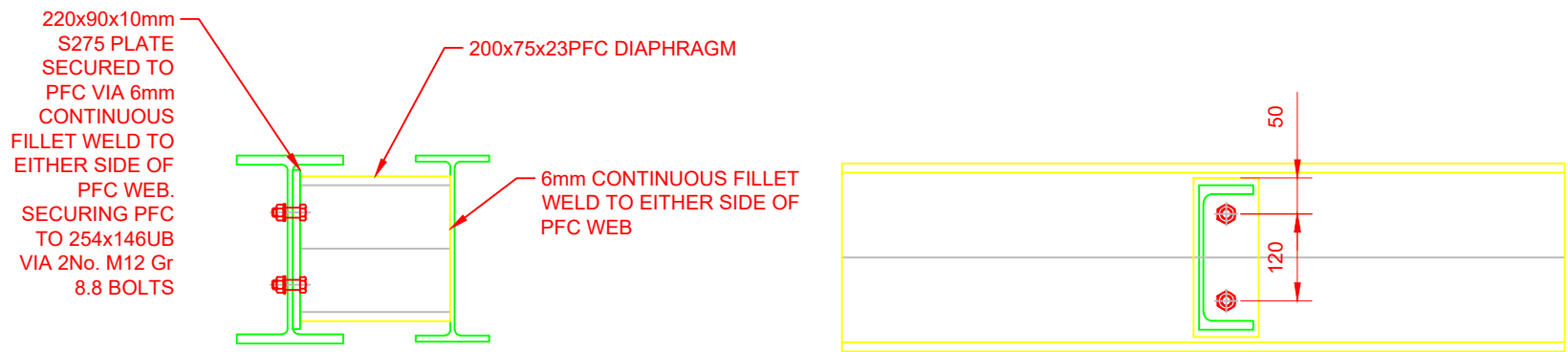
T06. STRAPS TO WALLS WHICH RUN PARALLEL TO THE JOISTS SHOULD EXTEND OVER AT LEAST THREE JOISTS. THEY SHOULD BE FIXED WITH 2NO. SCREWS OR NAILS INTO EACH JOIST. THE FIXINGS SHOULD BE 3.75MMDIAX50MMLG SQUARE TWISTED NAILS FOR ALL JOIST TYPES. NOGGINS SHOULD BE PROVIDED TO RECEIVE TWO 4.76MMDIAX50MMLG WOOD SCREWS OR 4MMDIAX75MMLG ROUND NAILS CAN BE USED IN EACH JOIST.



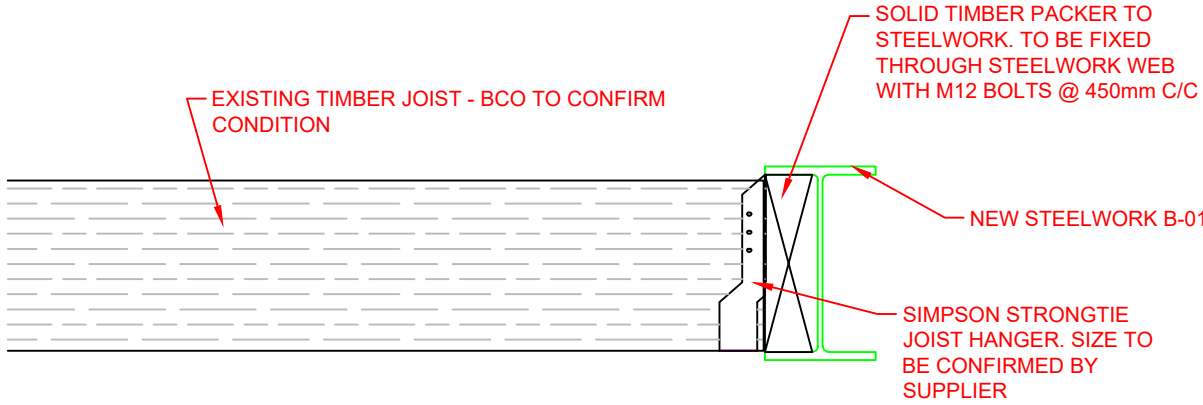
PROPOSED GROUND FLOOR STRUCTURE OVER
SCALE 1:50



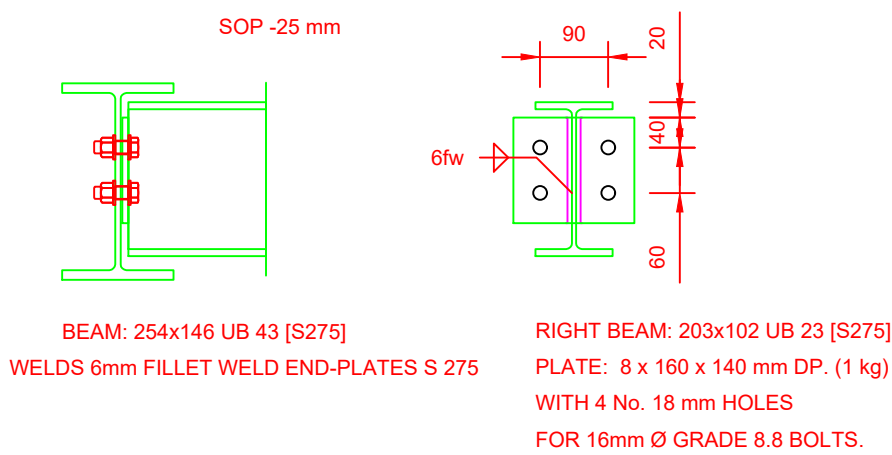
SECTION 01
SCALE 1:20



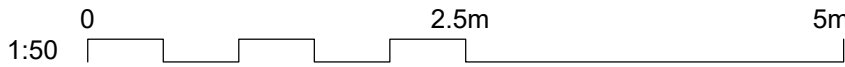
CONNECTION 1: DIAPHRAGM
SCALE 1:10



CONNECTION 2
SCALE 1:10



CONNECTION 3
SCALE 1:10



01 SUPER STRUCTURE
SCALE @ A1

NOTES:

- All dimensions to be confirmed via on site measure.
- Any discrepancies to be reported back to Structure Wise Consulting.

P4	15/10/25	FOURTH ISSUE	SB	SB
P3	28/08/25	THIRD ISSUE	SB	SB
P2	30/07/25	SECONDARY ISSUE	SB	SB
P1	11/07/25	PRELIMINARY ISSUE	SB	SB
REV.	DATE	DESCRIPTION	BY	APP

DRAWING NO

2507-01-01

DRAWN

SB

DATE

11.07.25

SCALE

AS STATED @ A1

DRAWING

SUPERSTRUCTURE

PROJECT

3 Ferndale Avenue,
East Boldon,
NE36 0TQ