

Key:

External wall (220 post wall)

Internal LB wall (8ft timber frame)

Existing blockwork

Timber beams/linets

Steel beams/linets

Bank of studs/timber post

Design Notes:

All internal walls to be SS-50 U.N.O.

All external walls to be 220 I joists @ 400c/c U.N.O. with 45x220 GL24h top/bottom rails.

External wall studs to be 45x220 GL24h where specified U.N.O.

External wall linets to be 1/45x220 GL24h ring beam U.N.O.

All internal LB walls to be P8D U.N.O.

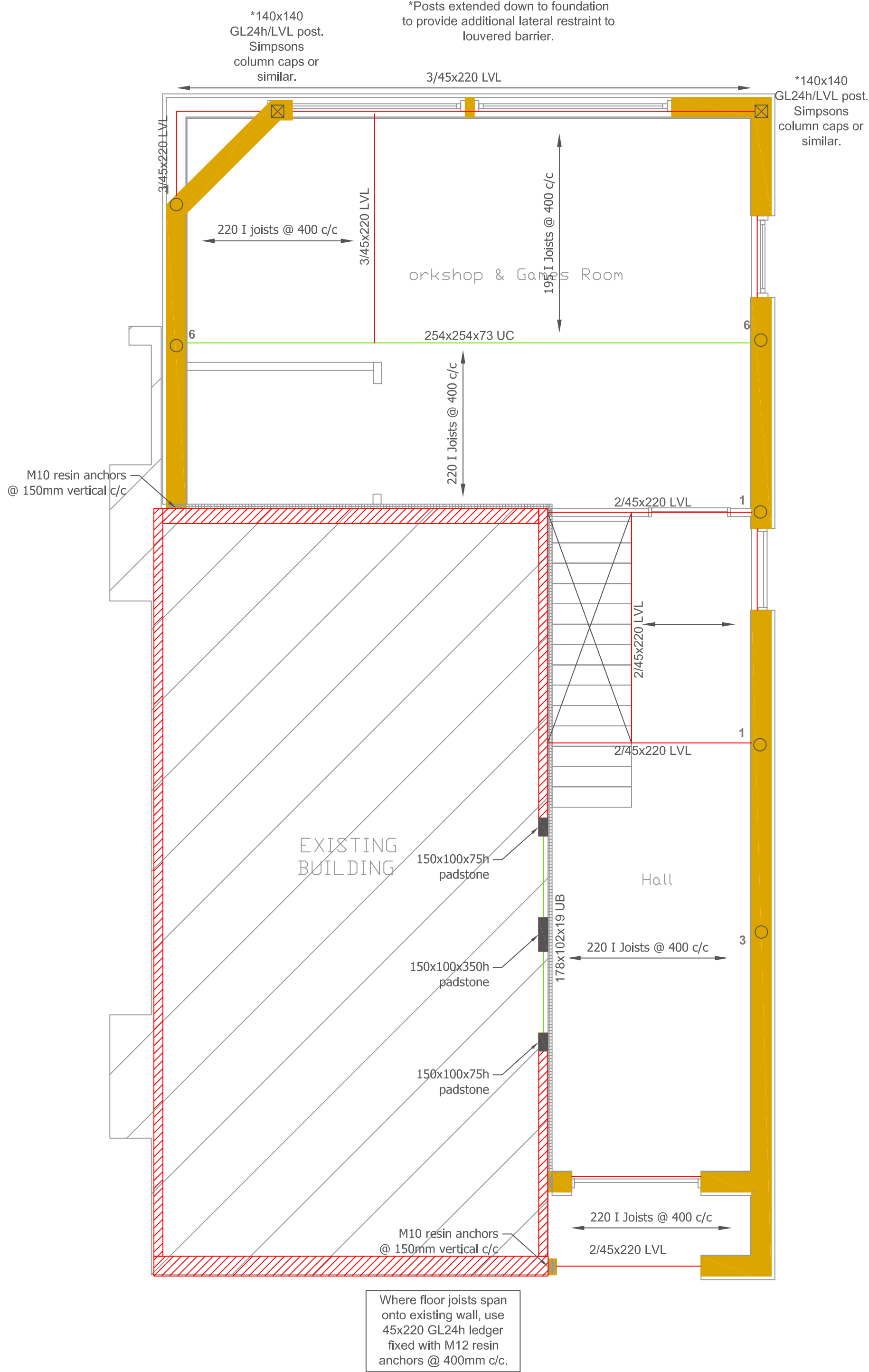
All internal LB wall studs to be 38x89 C16 @ max. 600c/c U.N.O.

All internal LB wall linets to be 2/38x140 C16 U.N.O.

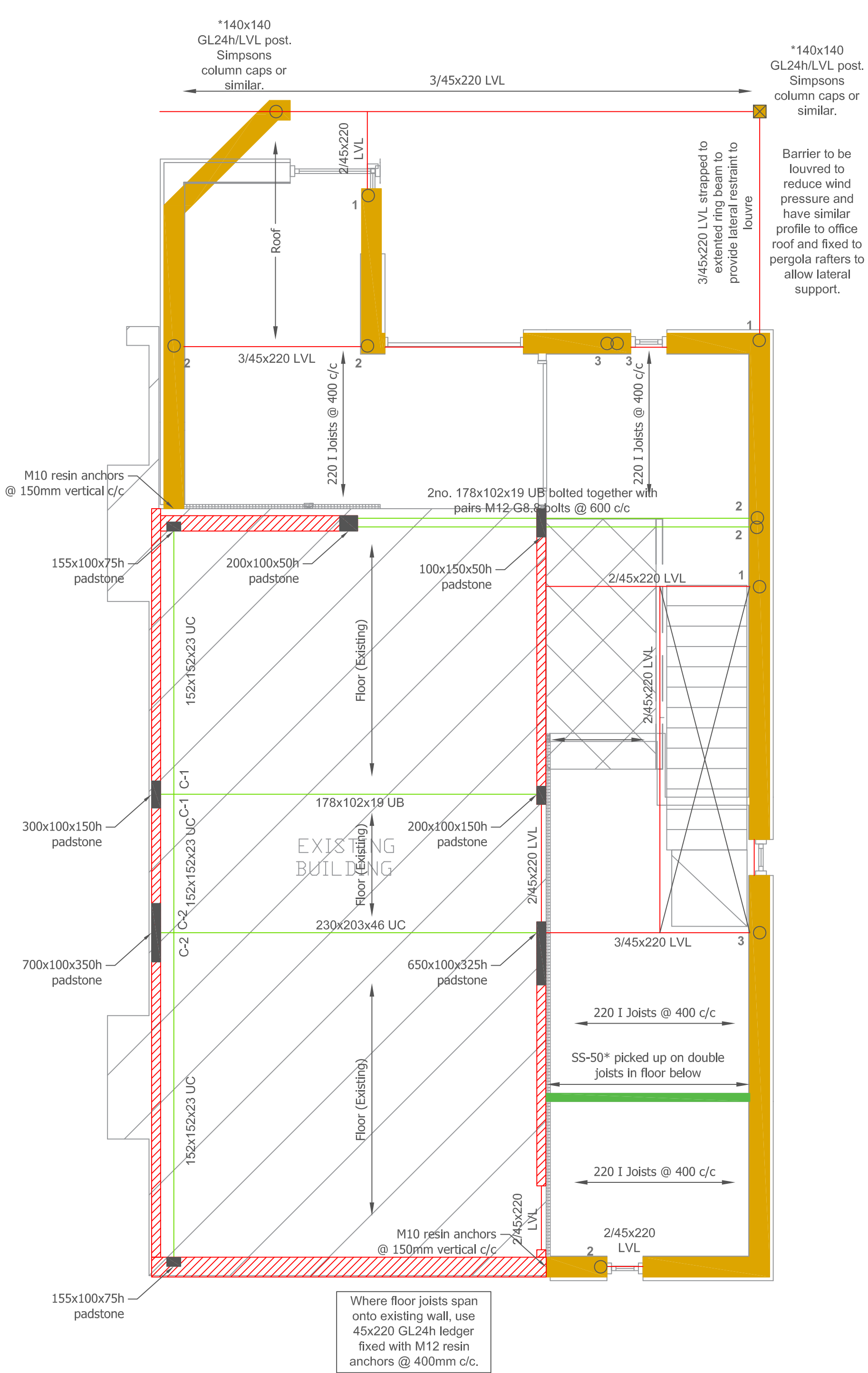
Floor joists to be 220 I joists @ 400c/c U.N.O.

Pitched roof to be 220 I joists @ 400c/c U.N.O.

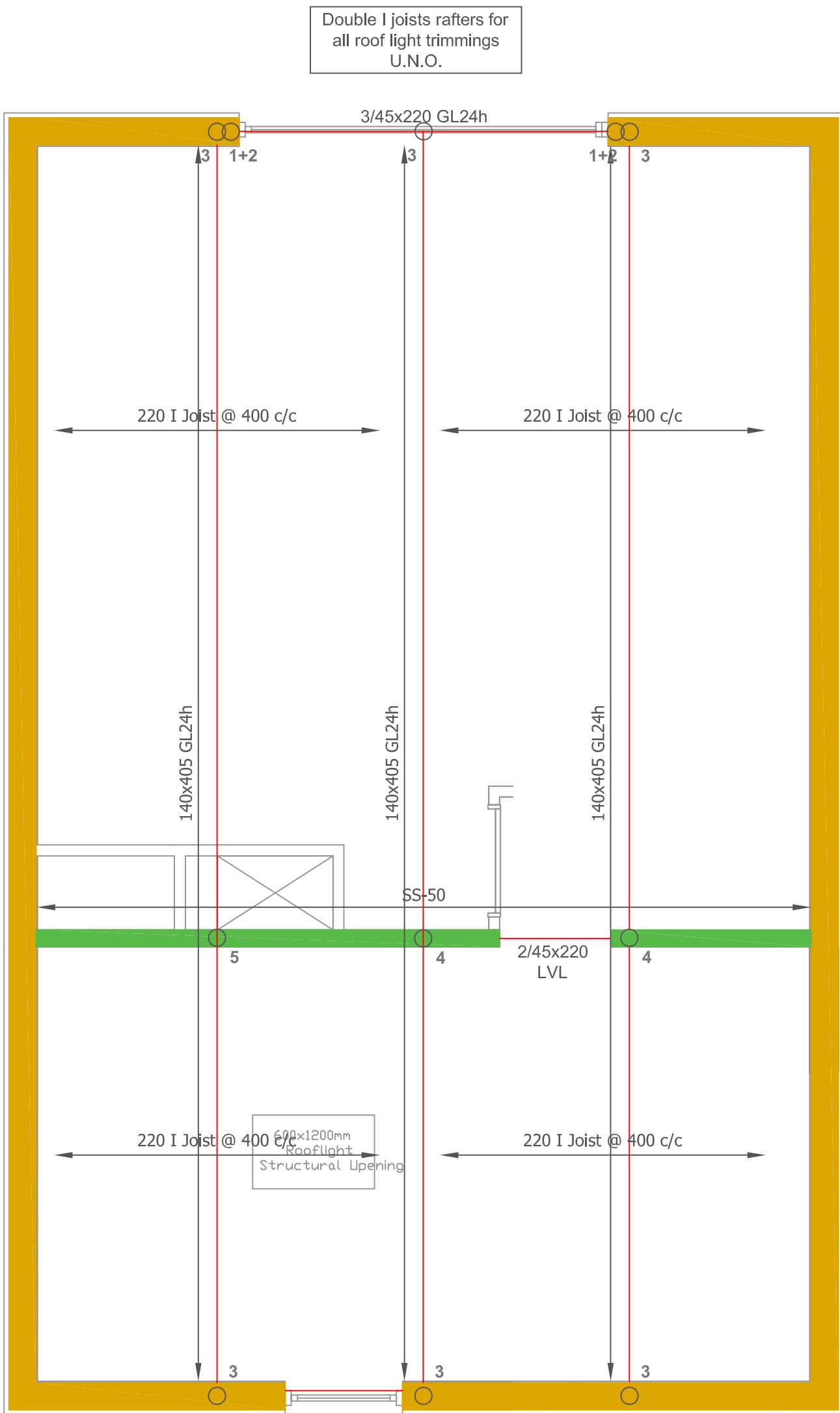
All steel grade to be S355 U.N.O.



1F on GF Walls



2F on 1F Walls



Roof on 2F Walls



www.jdstructuralengineering.co.uk
info@jdstructuralengineering.co.uk
01789338003

PROJECT NAME:
Church Walk - Marc Almond
DRAWING TITLE:
Structural Appraisal

DRAWN BY:
JH
DATE:
05/03/2025

CHECKED BY:
MI
SCALE:
1:40

PROJECT NO:
JDS-1229
SHEET SIZE:
A1

DRAWING NO:
01
REVISION:
A

A	Updated layout	JH	05/03/25
REV:	DESCRIPTION:	BY:	DATE: