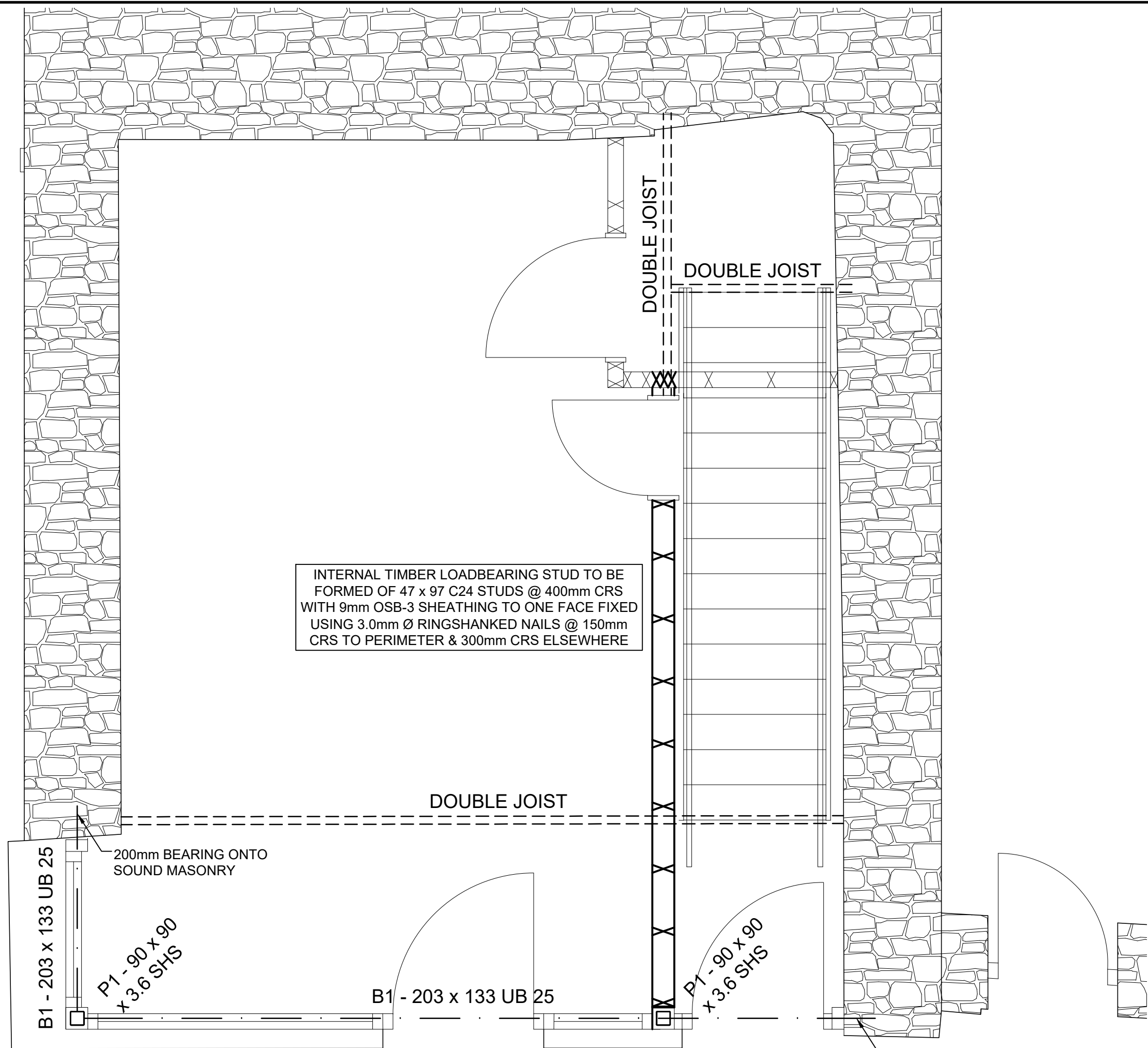
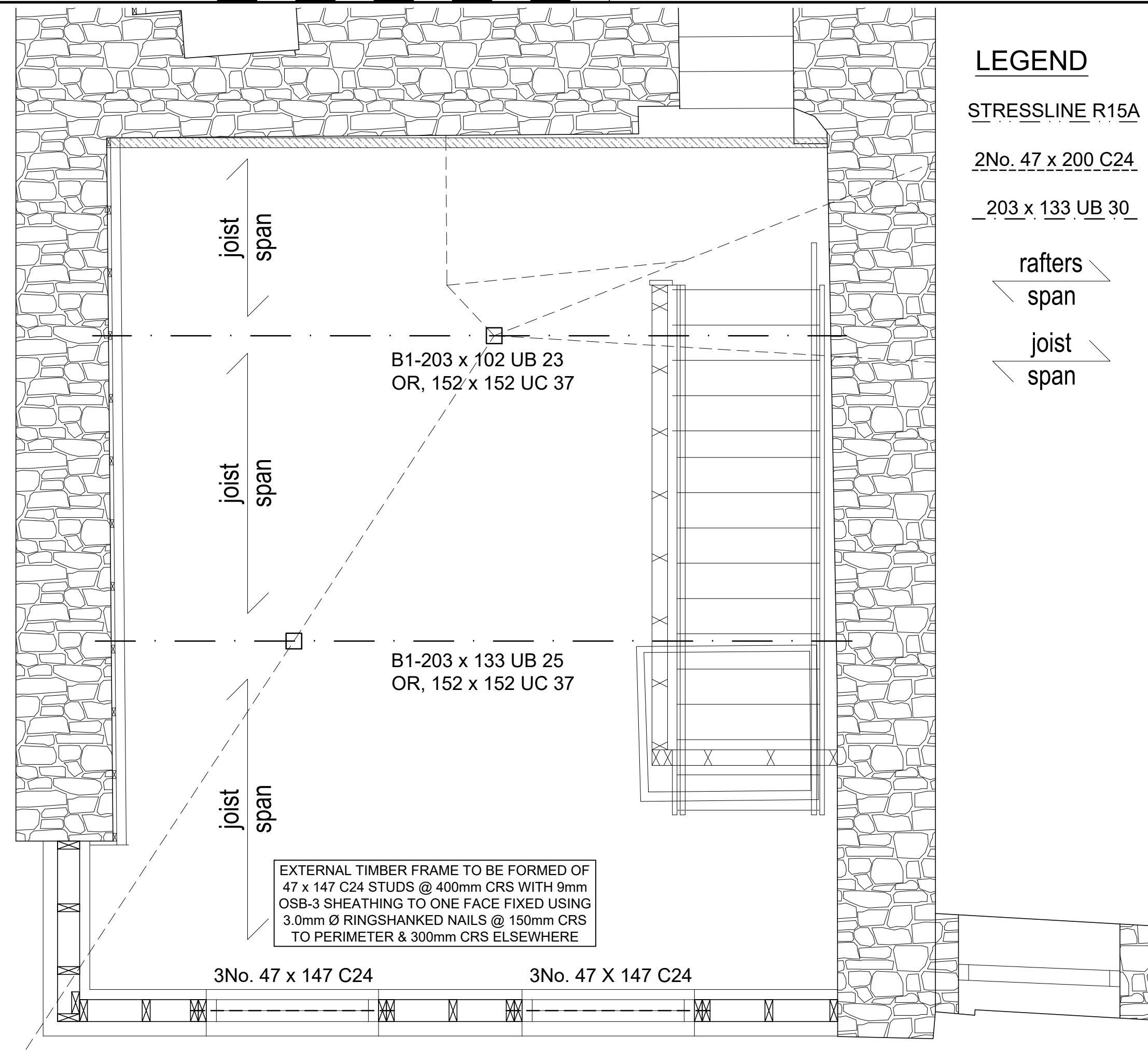
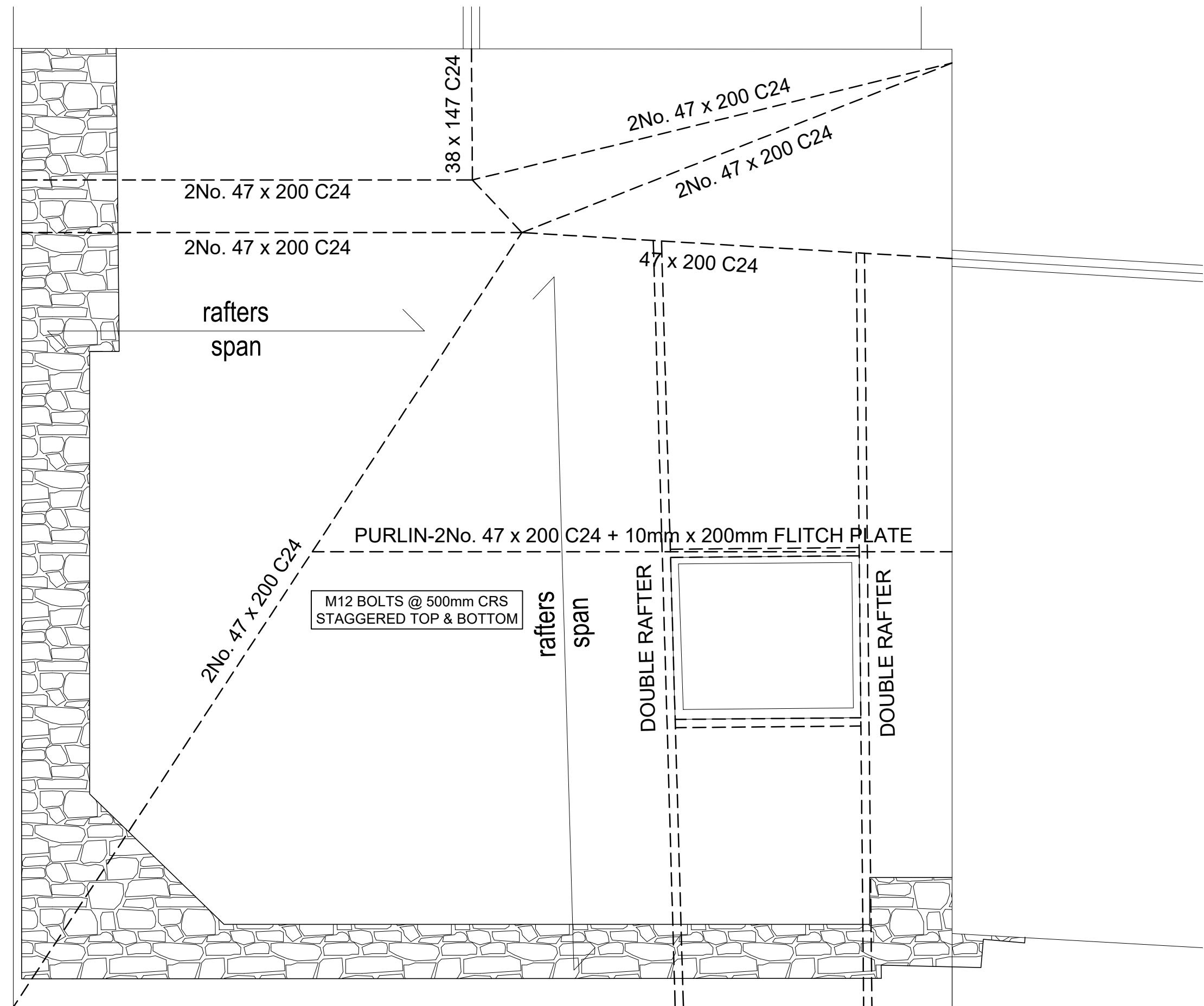




GROUND FLOOR PLAN SHOWNG STRUCTURE OVER
1:25



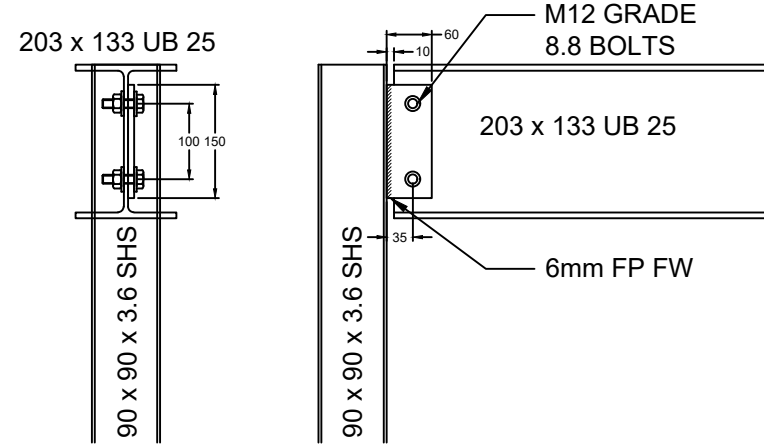
FIRST FLOOR PLAN SHOWNG STRUCTURE OVER
1:25



ROOF PLAN SHOWNG STRUCTURE OVER
1:25

NOTES

- DO NOT SCALE. CHECK ALL DIMENSIONS AND DETAILS BEFORE COMMENCEMENT.
- IF IN DOUBT ASK.
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT CONTRACT DOCUMENTS.
- ALL DIMENSIONS IN MILLIMETRES UNLESS STATED OTHERWISE.
- NEW BLOCKWORK 7.3N/mm² MORTAR DESIGNATION (ii) IN ACCORDANCE WITH BS 5628 PT 1.
- ALL STRUCTURAL TIMBER MINIMUM GRADE C24 UNLESS OTHERWISE STATED.
- ALL DOUBLE/ TRIPLE JOISTS TO BE WELL SPIKED TOGETHER AT 300mm C/C WITH 4mm DIAMETER NAILS x 90mm LONG FOR 50mm WIDE JOISTS AND 5mm x 125mm LONG FOR 63/75 WIDE JOISTS UNO.
- DOUBLE FLOOR JOISTS TO BE PROVIDED FOR TRIMMING OPENINGS AND BENEATH BATHS.
- DOUBLE BEAMS BOLTED TOGETHER WITH M16 BOLTS @ 300c/c's STAGGERED TOP AND BOTTOM WITH DOGS TOOTHED PLATE CONNECTORS.
- ALL INTERNAL PARTITION WALLS TO BE FORMED OF TIMBER STUDWORK, MIN GRADE C16 AT 600mm CRS, UNLESS NOTED OTHERWISE.
- PROVIDE LATERAL RESTRAINT STRAPS AT FLOOR, CEILING & GABLE LEVELS. STRAPS TO BE GALVANIZED MILD STEEL 30mm WIDE x 3mm THICK SPACED AT NOT MORE THAN 2m CENTRES. STRAPS TO EXTEND OVER MINIMUM 3 No FLOOR/ROOF JOISTS WITH NOGGINS TO SUIT NAILED TO JOISTS WITH 32 X 2.5 TWIST NAILS.
- PROVIDE VERTICAL RESTRAINT STRAPS AT INTERFACE OF EXTERNAL TIMBER STUD AND EXISTING MASONRY. STRAPS TO BE GALVANISED MILD STEEL 1200mm LONG, 30mm WIDE x 3mm THICK SPACED AT NOT MORE THAN 2m CENTRES, PLUGGED AND SCREWED TO WALL 50 X NO12 WOODSCREWS AND NAILED TO JOISTS WITH 32 X 2.5 TWIST NAILS.
- ALL DIMENSIONS TO BE CHECKED ON SITE BY STEELWORK FABRICATOR PRIOR TO FABRICATION.
- ALL ROLLED STEEL TO BE GRADE FE430B/S275JR TO BS EN 10025 2004.
- ALL STRUCTURAL STEELWORK HAS BEEN DESIGNED AND SHALL BE FABRICATED IN ACCORDANCE WITH BS 5950 PARTS 1 & 2 AS APPROPRIATE.
- DO NOT USE SECTIONS WHICH ARE HEAVILY PITTED OR RUSTED. MAKE CUTS AND HOLES NEATLY AND ACCURATELY. REMOVE BURRS, SHARP EDGES AND DROSS CAUSED BY FLAME CUTTING. WELDING: METAL ARC METHOD TO BS 5135 TO FORM FULLY FUSED JOINTS WITH MECHANICAL PROPERTIES NOT LESS THAN THOSE OF THE PARENT METAL.
- POSITION MEMBERS ACCURATELY, USING STEEL PACKS OF ADEQUATE AREA AS NECESSARY TO ACHIEVE A TRUE LINE AND LEVEL.
- FIX SECURELY USING WASHERS UNDER BOLT HEADS AND NUTS.
- USE SUITABLY TAPERED, CORRECTLY ALIGNED WASHERS UNDER BOLT HEADS AND NUTS WHICH BEAR ON SLOPING SURFACES.
- ENSURE LEVELLING GROUT IS NON SHRINKABLE
- ALL BOLTS TO BE GRADE 8.8. STRUCTURAL BOLTS CONFORMING TO BS 4190:2001, AND SPUN GALVANIZED.
- ALL BOLT HOLES TO BE 2mm CLEARANCE HOLES TO SUIT SIZE OF BOLT.
- ALL WELDS UNLESS STATED OTHERWISE SHALL BE 8mm CONTINUOUS FILLET WELDS.
- ALL STEELWORK TO BE GALVANIZED. HOLES FOR FIXINGS TO BE SITE DRILLED, STEEL TO BE WIRE BRUSHED TO REMOVE BURRS AND TREATED WITH MIN 2 No. GOOD COATS OF ZINC RICH PAINT.



BEAM TO POST CONNECTION DETAIL
1:10

LEGEND

- STRESSLINE R15A LINTLE WITH SHAPE REFERENCE
- 2No. 47 x 200 C24 TIMBER BEAM WITH SHAPE REFERENCE
- 203 x 133 UB 30 STEEL BEAM WITH SHAPE REFERENCE
- rafters span 47 x 175 C24 RAFTERS @400 CRS
- joist span 47 x 147 C24 CEILING JOISTS @400 CRS

RESIDUAL DESIGN HAZARDS

THE FOLLOWING HAS BEEN COLLECTED FROM THE PRE-CONSTRUCTION INFORMATION AND HIGHLIGHTS KNOWN RESIDUAL HAZARDS.

KEY  HS-# = HEALTH AND SAFETY RISK REFERENCE NUMBER
E-# = ENVIRONMENT RISK REFERENCE NUMBER

HEALTH, SAFETY & ENVIRONMENTAL INFO

In addition to the hazards/risks normally associated with the nature and scope of the proposed Works, the following particular risks have been identified:

Construction:

Unknown presence of existing services. Carry out services search and CAT scan area before any excavation or drilling works.

Requirement for guarding & protection of site. Ensure adequate protection is maintained.

Construction risks include:

—Manual handling
—Works at height
RAMS required to identify and address.

CDM Regulations 2015:

A construction phase health and safety plan will be required for the works.

This drawing is not a fabrication drawing and has been produced to show design intent. Submit fabrication drawings for approval by PM prior to fabrication.

REV	DETAILS	CHKD	APPD	DATE
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DRAWN : BD	DRAWING STATUS
DESIGN : BD	WORKING DRAWING
CHKD : BD	PRELIMINARY DRAWING ✓
APPD : BD	EXTERNAL ISSUE
DATE : 06/12/2023	AS-BUILT
SUITABILITY : FOR INTERNAL REVIEW / COMMENT	

CLIENT
MR HUDSON

AGENT
William Dale
Consulting Engineering

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SCHEME NAME
47A MARKET JEW STREET
PENZANCE
CORNWALL
TR182HZ

DRAWING TITLE
STRUCTURAL
GENERAL ARRANGEMENTS
& DETAILS

STATUS	SUITABILITY	ORIG DRAWING SIZE	A1	DIMENSIONS	AS STATED
02	S3	SCALE :	AS STATED	COPYRIGHT ©	WDCE
DRAWING NUMBER	PROJECT	ORIGINATOR	VOLUME	SCHEME REFERENCE No.	
2466	-	WDCE	-	STR	2466
MJSP	-	M2	-	S	0001
LOCATION	TYPE	ROLE	NUMBER	REVISION	P#