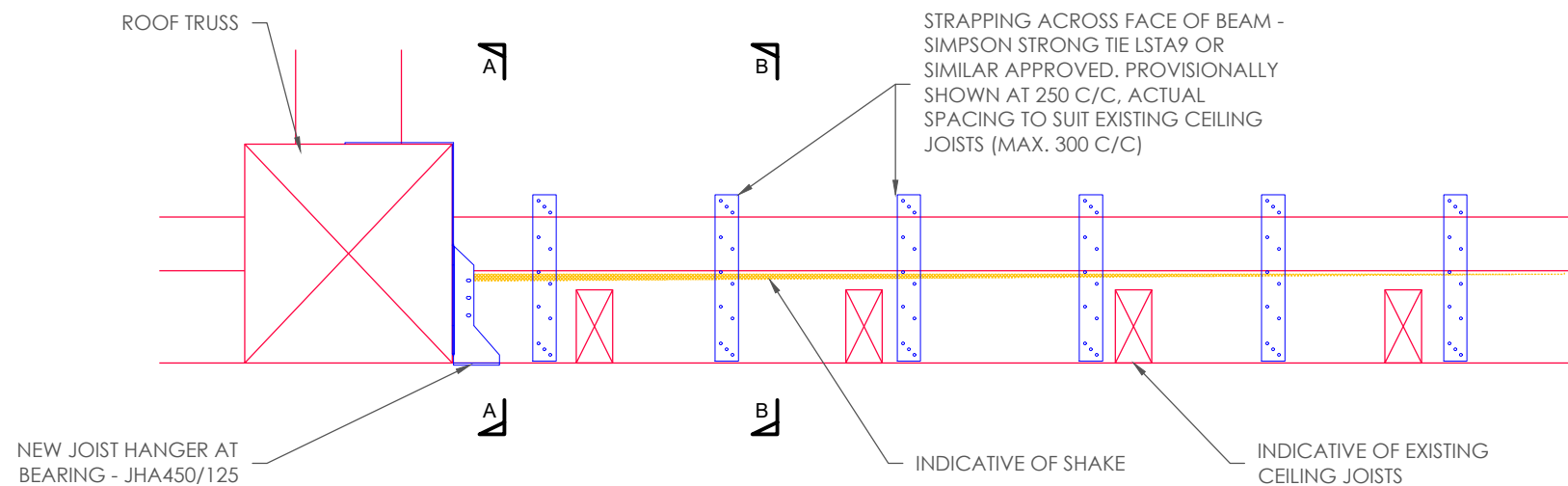
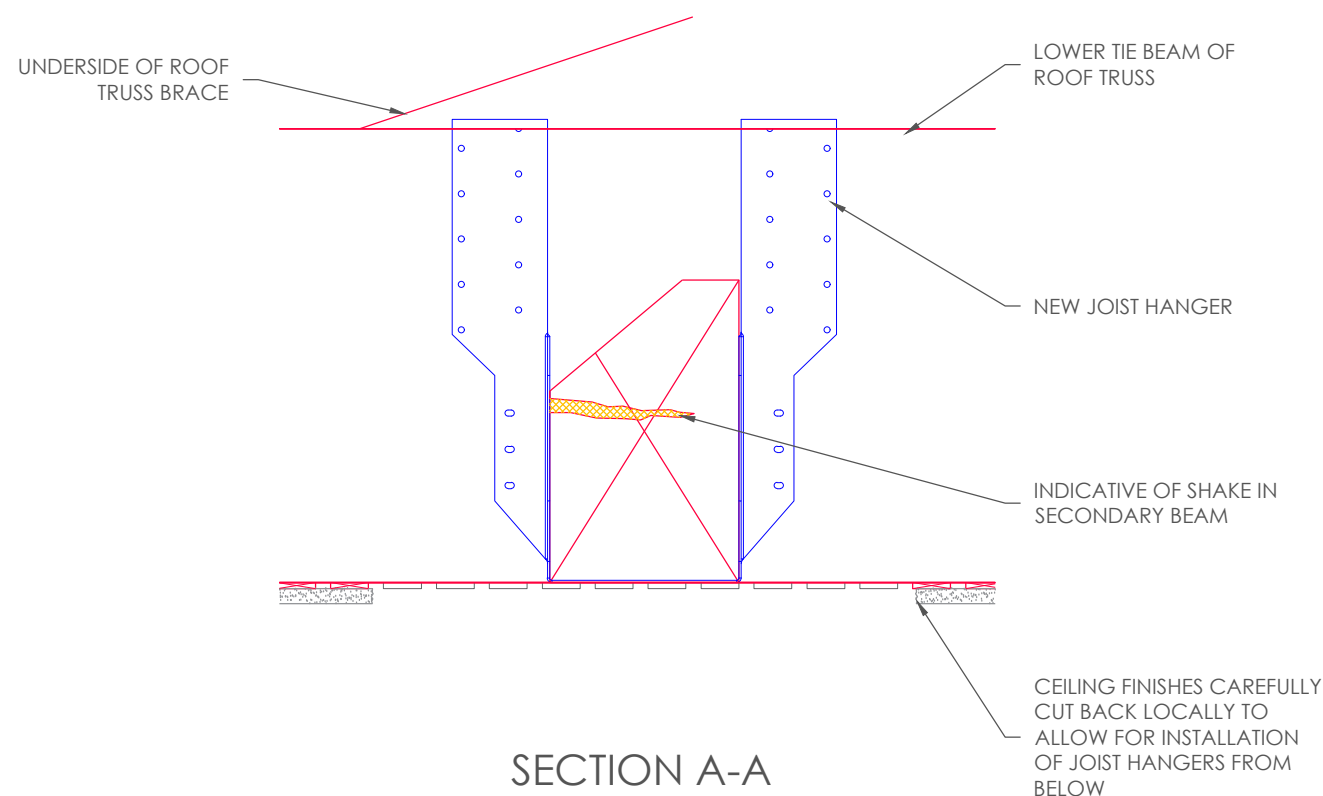




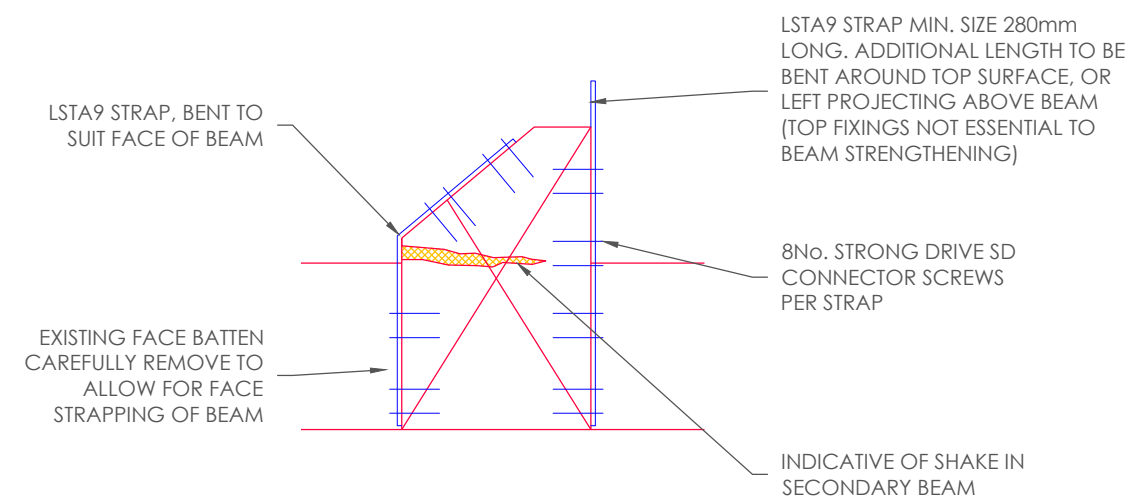
ELEVATION OF SECONDARY BEAM

1:10



SECTION A-A

1:5



SECTION B-B

1:5

STRESSES IN BEAM AT TENON BEARING CONTRIBUTING TO FAILURE. JOIST HANGER SUPPORT TO BE INSTALLED TO PROVIDE SUITABLE SUPPORT AT BEARING, REDUCING STRESSES IN TIMBER.

CEILING OPENING UP TO BE RESTRICTED TO END BEARING AT CEILING TRUSS.

LSTA9 STRAPS TO BE INSTALLED FOR LENGTH OF SHAKE TO DETAIL AND EXISTING RESTRAINT BANDING MAY BE REMOVED. ALTERNATIVELY, NEW STRAPS NOT REQUIRED IF EXISTING RESTRAINT BANDING IS RETAINED PROVIDED THEY ARE IN REASONABLE CONDITION WITHOUT ALLOWANCE FOR MOVEMENT, AND STRENGTHENED WITH M12 COACH SCREWS INSTALLED AT MAX 150mm CENTRES ALONG THE BEAM, FROM TOP WHERE SHAKE IS IN THE TOP HALF OF THE BEAM AND BOTTOM WHERE SHAKE IS IN THE BOTTOM HALF OF BEAM, SCREW LENGTH TO ACHIEVE MINIMUM 85mm EMBEDMENT TO TIMBER ACROSS SHAKE AND MIN 50mm EDGE DISTANCE TO THE SIDES OF THE BEAM WITH MIN 50mm DIAMETER WASHERS.

project

LACOCK ABBEY
DINING ROOM

drawing title

SECONDARY CEILING BEAM
PROPOSED STRAPPING DETAILS

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rev	description		date
Drawn DH	Checked KB		
Date March 2026	Scale As stated at A3		
Job No 22289	Drg No 3.03	Rev C	

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