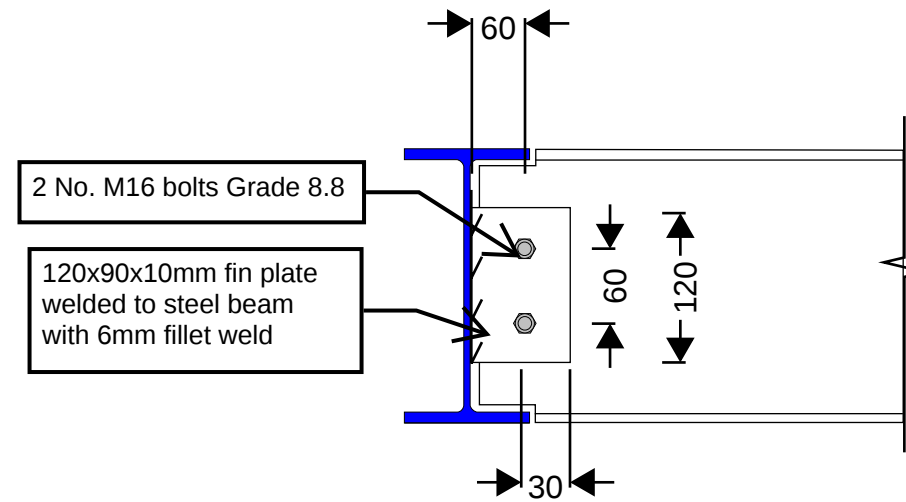
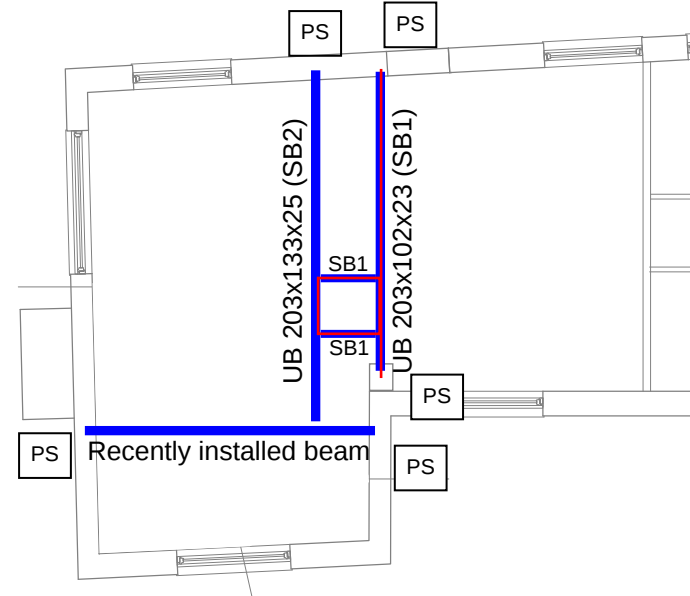


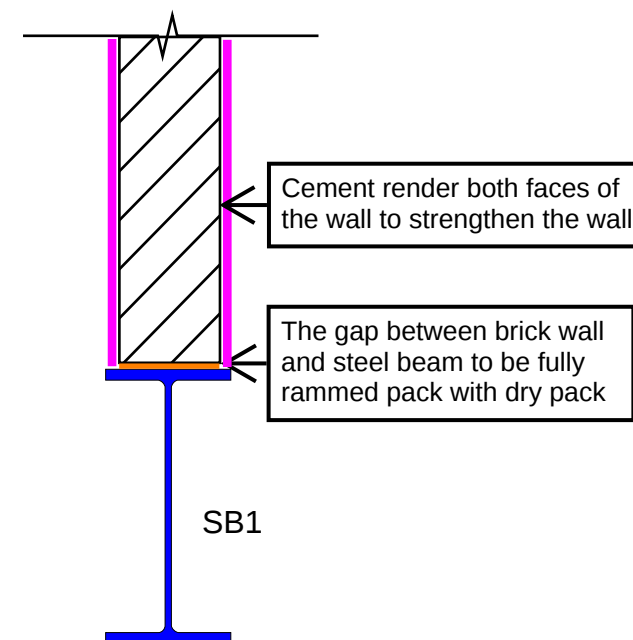


Typical steel beams connection

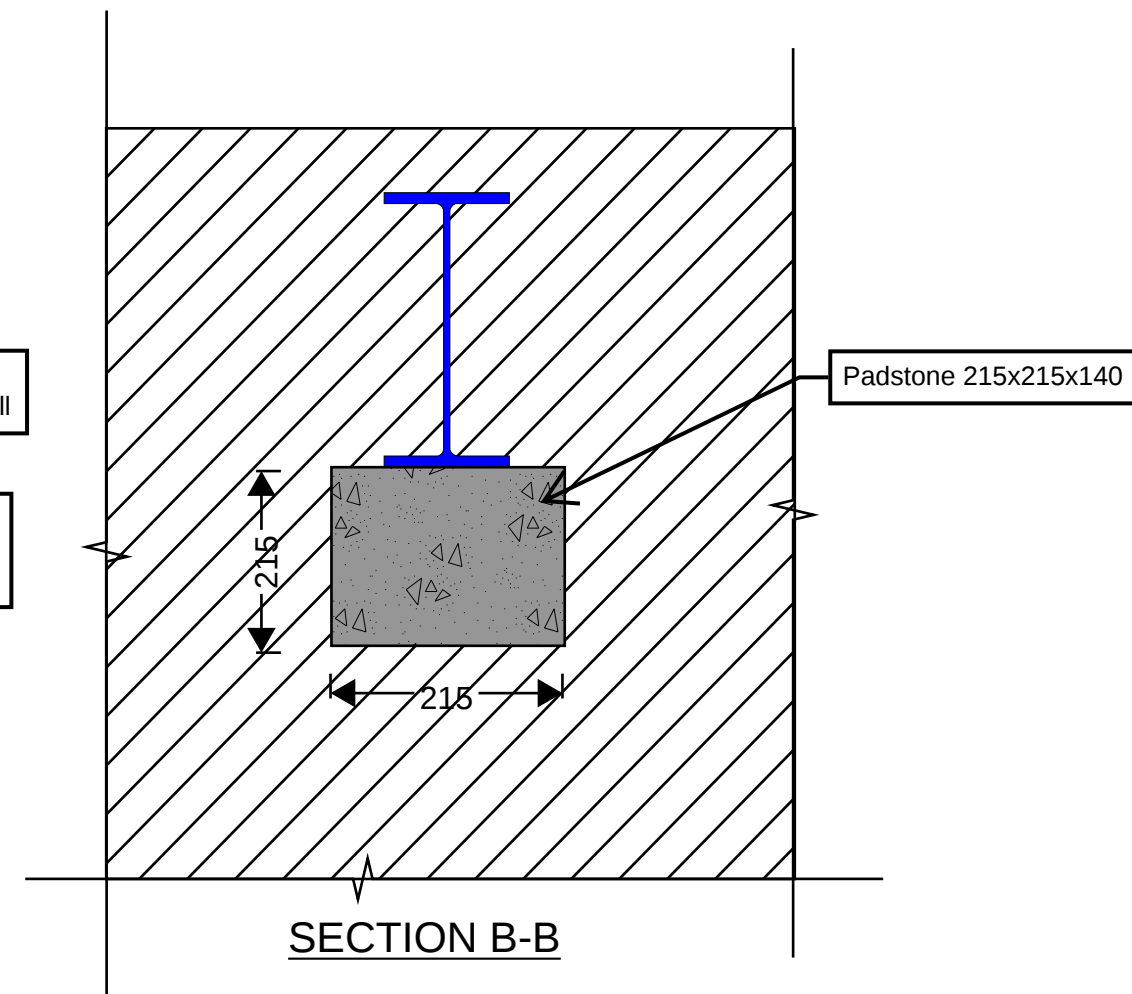
- NOTES:
- All steels to be grade S275.
 - All bolts to be Grade 8.8
 - All concrete padstones to be minimum C40/50 compressive strength.
 - All steelworks to be painted for corrosion protection.
 - All steel beams to have minimum of 100mm bearing.
 - Contractor is responsible for temporary stability of structure during construction.
 - Contractor to brief workforce for any risk associated with the construction work.

KEY:

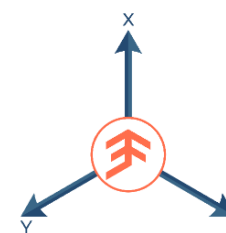
- Steel beam
- Brick wall above steel beam
- PS Typical padstone 215X215X140

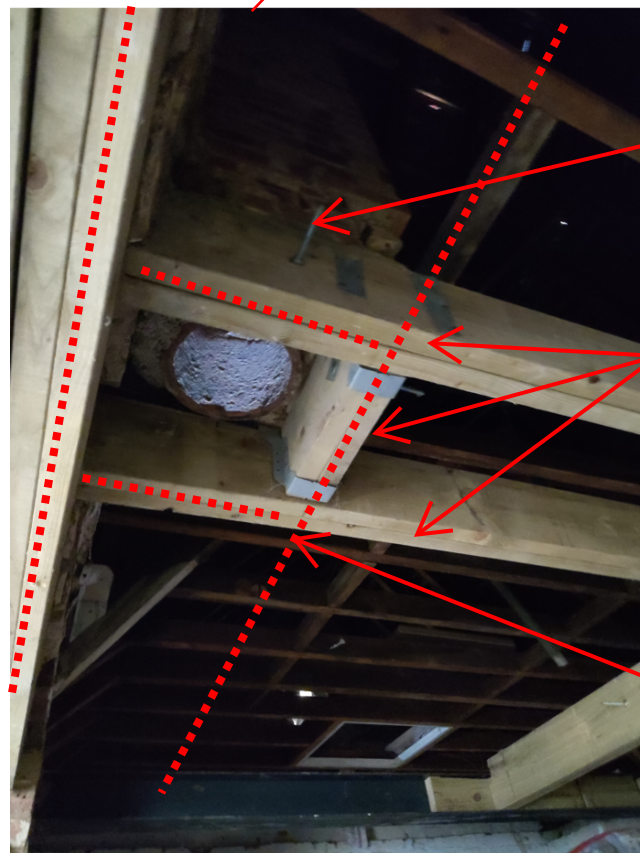
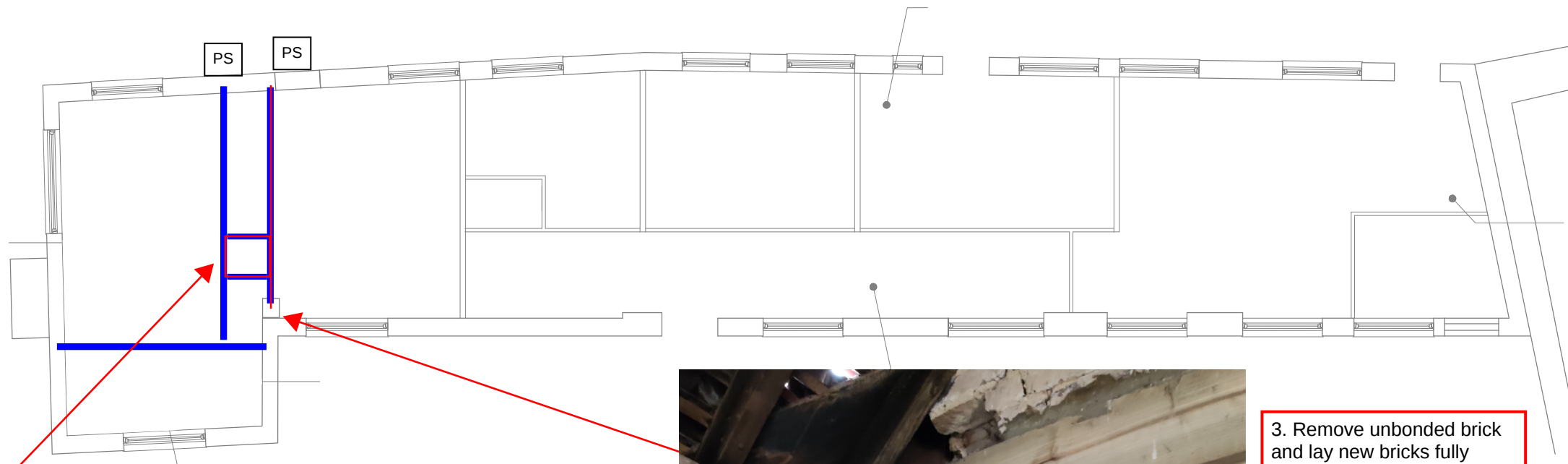


SECTION A-A



SECTION B-B





1. Support the chimney stack above with strong boy props along the full length

2. Carefully remove timber support beams

3. Install new steel trimmer beams

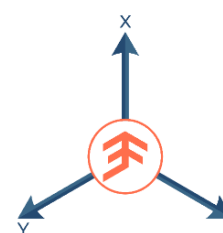


3. Remove unbonded brick and lay new bricks fully bonded with existing wall and install the padstone

1. Support the gable wall above with strong boy props along the full length

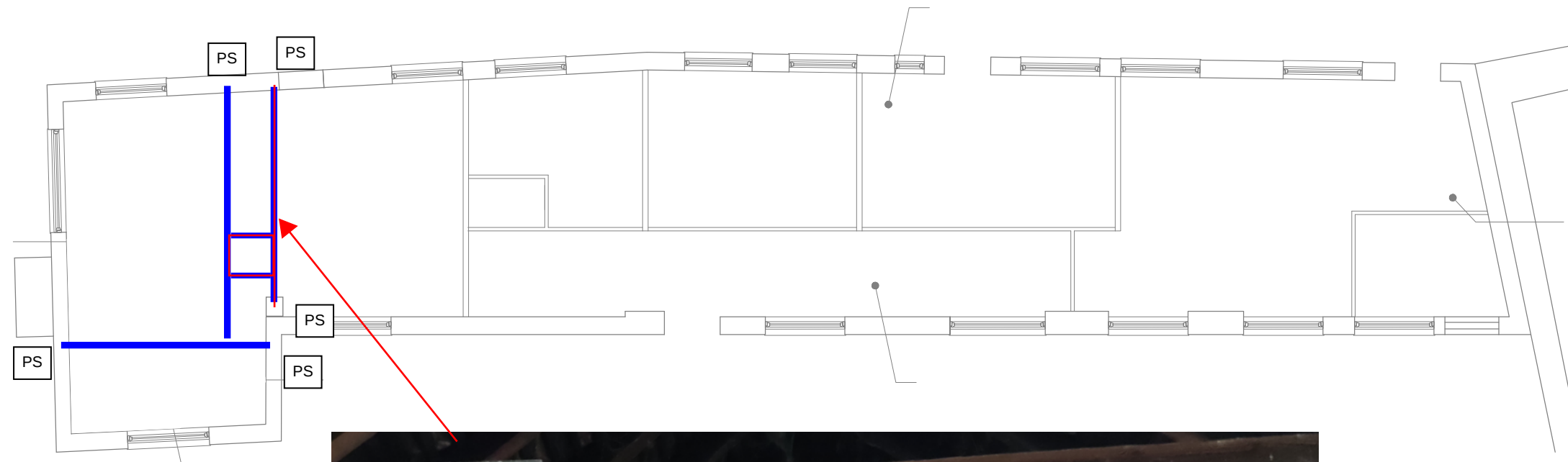
2. Carefully diamond cut the remainder of spine wall

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REV	DATE	DESCRIPTION	BY	CHECKED
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PROJECT Former RAF building - Uxbridge		TITLE Gable wall and chimney stack remedial details		
DATE 13/03/2022	SCALE NTS	CAD FILENAME	STATUS For Construction	
DRAWN HR	CHECKED E	PROJECT No. 001107	DRAWING No. SK002	REV P1

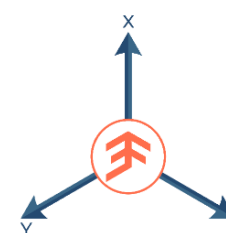


2. Use Helibar to stitch the de-bonded bricks

1. Infill the missing bricks fully bonded to existing ones

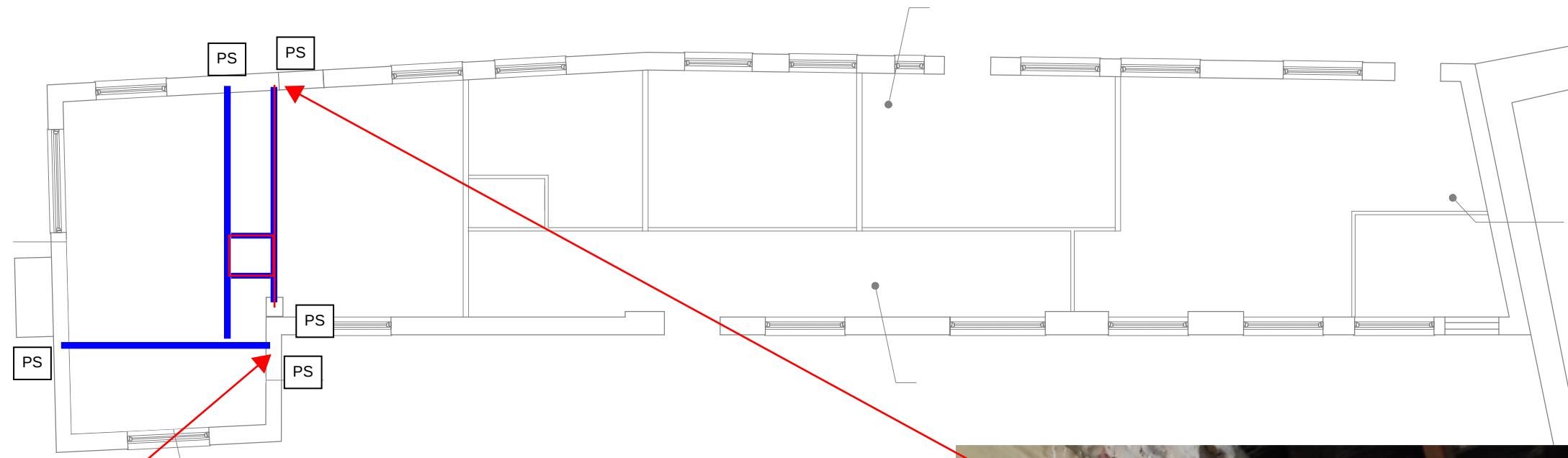
3. Cement render both faces of the wall

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REV	DATE	DESCRIPTION	BY	CHECKED
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PROJECT Former RAF building - Uxbridge		TITLE Gable wall and chimney stack remedial details		
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DRAWN HR	CHECKED E	PROJECT No. 001107	DRAWING No. SK002	REV P1



1. Support the steel beam temporarily.

2. Remove unbonded bricks and lay new bricks fully bonded with existing wall and install the padstone

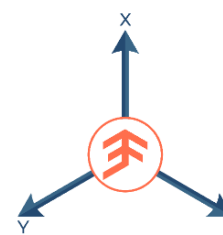


1. Support the gable wall and then carefully remove the timber beams.

2. Install new padstone for SB1 while the gable is fully supported

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REV	DATE	DESCRIPTION	BY	CHECKED
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PROJECT Former RAF building - Uxbridge		TITLE Gable wall and chimney stack remedial details		
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DRAWN HR	CHECKED E	PROJECT No. 001107	DRAWING No. SK002	REV P1