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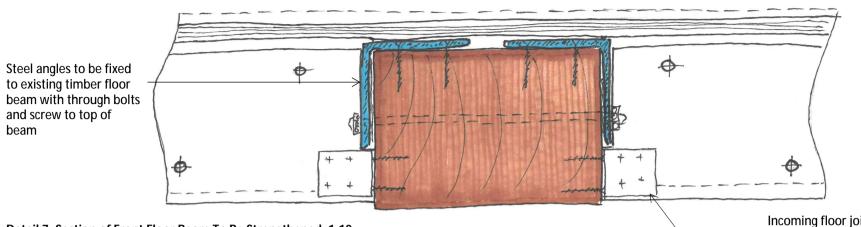
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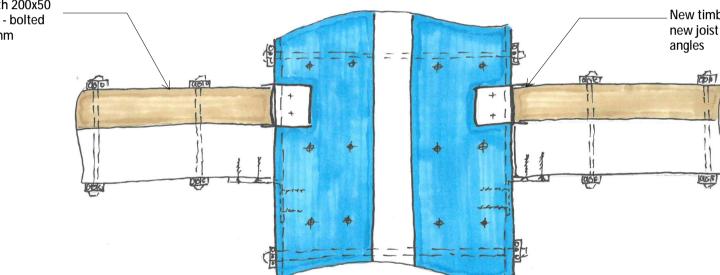


Detail 7: Section of Front Floor Beam To Be Strengthened, 1:10

Existing joists to be strengthened with 200x50 C24 timber joists - bolted together at 400mm staggered c/c

Incoming floor joists to be fixed to existing timber floor beam with screw fixed brackets to allow for the existing bearing to be cut back to allow for strengthening steel angles to be installed

New timber joists to be supported on new joist hangers fixed to top of steel



Detail 8: Plan of Front Floor Beam To Be Strengthened, 1:10 Option B

Structural Strengthening Requirements:

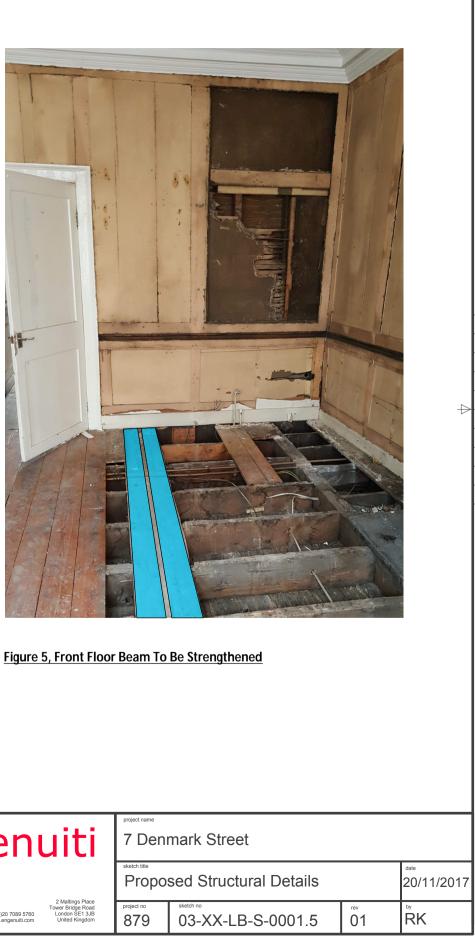
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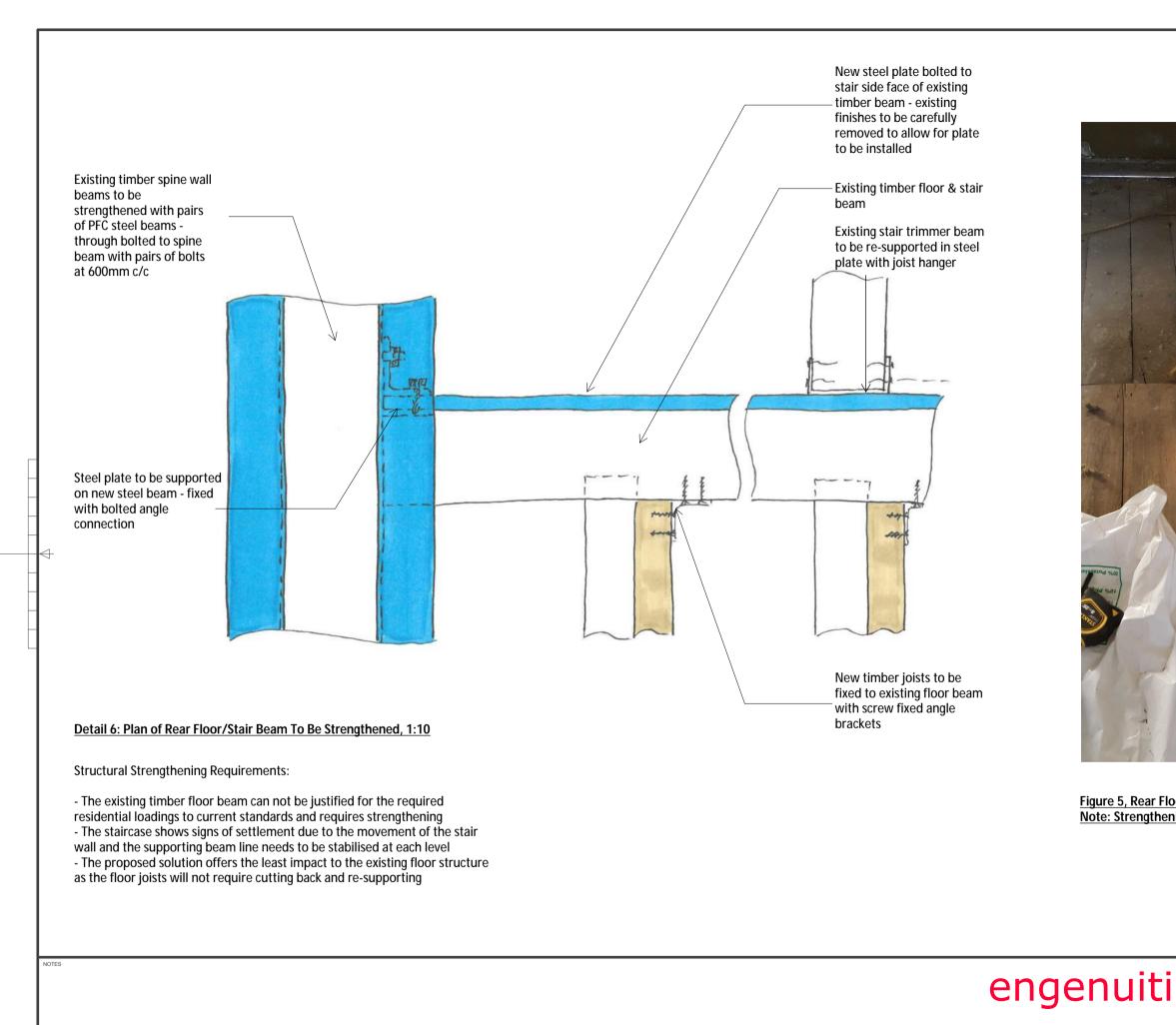
- The existing timber floor beam can not be justified for the required residential loadings to current standards and requires strengthening - The proposed solution offers the least impact to the existing floor beam

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