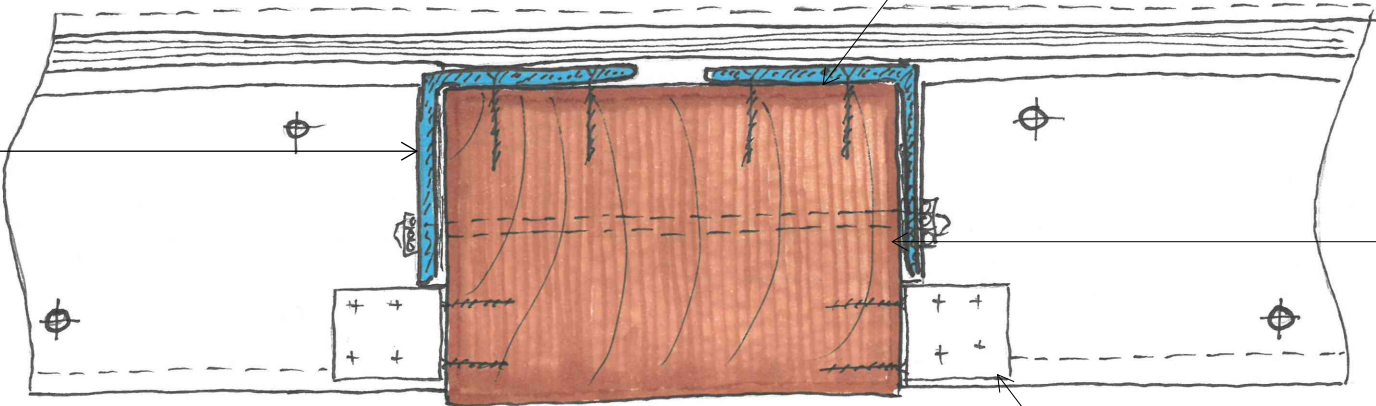


ISSUED FOR PLANNING

2no. 150x150x12 EA Steel angles to be fixed to existing timber floor beam with M12 through bolts at 400mm crs and screw to top of beam with pairs of 5mm dia. x 80mm lg screws at 200mm crs. (note screw lengths to be increased to provide min. 50mm embedment into ext'g timber beam as required)

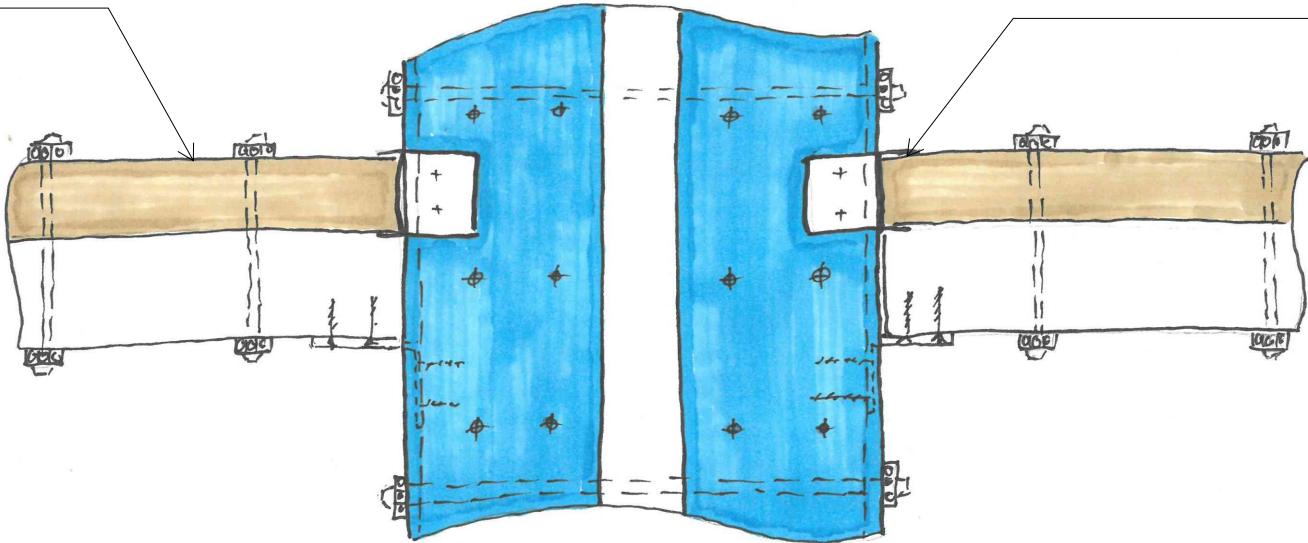


EA strengthening beams to be packed out with hardwood timber packers as required

EA strengthening beams to be packed out with hardwood timber packers to vertical face at location of through bolts as required

Incoming floor joists to be fixed to existing timber floor beam with pairs of 70x70 angle brackets - fully screw fixed - to allow for the existing bearing to be cut back to allow for strengthening steel angles to be installed

Existing joists to be strengthened with 200x50 C24 timber joists - bolted together with M12 gr4.6 bolts at 400mm staggered c/c



New timber joists to be supported on new joist hangers fixed to top of steel angles with 2no. 5.5mm dia. self drilling self tapping screws

Detail 2: Plan of Front Floor Beam To Be Strengthened, 1:5

NOTES

engenuiti

2 Mailings Place
Tower Bridge Road
London SE1 3JB
United Kingdom
+44 (0)20 7089 5760
www.engenuiti.com

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