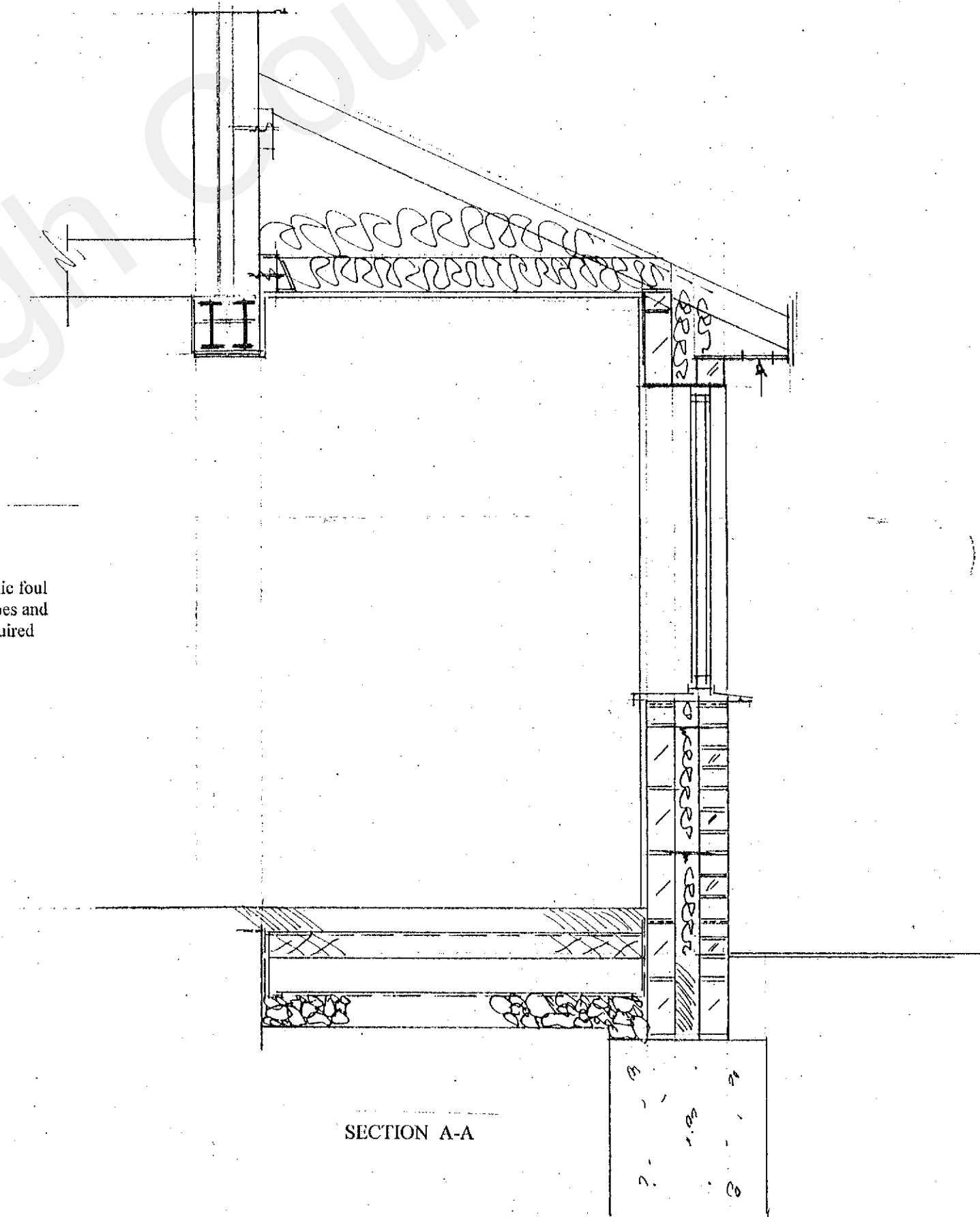


Beam: 1 over opening between lounge and extension
 Span: 3.4 m. Reactions: R1: 36.53 kN R2: 36.53 kN
 Use 2No 203 x 102 x 23 UB Grade 43
 Bearing R1: 10 mm m.s. bearing plate, size 300 x 200 mm

It is assumed that the existing floor joist over the lounge area span 'front to rear'. Should there be a deviation found on site once the floor structure is exposed to accommodate changes to the stair design, the contractor must contact the designer to enable any checks and adjustments which may be required to the steel beam design as shown above. Steel beams are to be bolted together using steel tube spacers and M12 bolts at 400mm centres

NOTE

Before works commence the nearby public manhole is to be lifted to establish the direction of public foul drainage. It is important to determine if a public foul drain crosses the front of the property. If it does and appears to be within 3m of the proposed extension an approval from the water authority may be required before works can commence.



SECTION A-A

PROPOSED SINGLE STOREY FRONT EXTENSION SECTION DETAIL SCALE 1:20	SITE: 14 REYNOLDS FIELDS HIGHAM KENT ME3 7LX FOR: MR & MRS PRINGLE	PHILIP TAYLOR BUILDING PLANS 01622 861408 DRAWING NO. 18 LCP/00/18/3 SCALE 1:20 DATE 11/6/18
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