SECOND FLOOR - PLOTS 1 & 2  
(SHOWING STRUCTURE ABOVE)

SECOND FLOOR - PLOTS 3 & 4  
(SHOWING STRUCTURE ABOVE)

Cut Rafters 47x200 Deep  
C24 @ 450 c/c

Party Wall
Cut Rafters 47x200 Deep  
C24 @ 450 c/c

Ceiling Joists 47x175 Deep C24  
@ 600 mm c/c

Timber Wall Plate  
fixed to top flange of Beam B1

Beam B1 152x152UC37

Joist Hanger

Padstone PS2
Timber Packer within flanges

Detail A

Detail B

Detail C

Detail D

Detail E

150x120x10mm thk MS plate welded to end of B1 & 4M16 Grade 8.8  
bolts to web of CB1

280x10mm thk MS plate  
welded to bottom flange of Cranked Beam CB1  
To support Brickwork.

300x300x10mmthk MS plate welded  
to bottom end of Cranked Beam CB1

Beam B1 152x152UC37

Cranked Beam CB1 152x152UC37

Cranked Beam CB1

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& 4M16 Grade 8.8 bolts to web of CB1

280x10mm thk MS plate welded to  
bottom flange of Cranked Beam CB1  
To support Brickwork.

Padstone PS4

Cranked Beam CB1

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& 4M16 Grade 8.8 bolts to web of CB1

280x10mm thk MS plate welded to  
bottom flange of Cranked Beam CB1  
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Beam B1 152x152UC37

Cranked Beam CB1

Cranked Beam CB1

Cranked Beam CB1

300x300x10mmthk MS plate welded to  
to bottom end of Cranked Beam CB1

Padstone PS3

Cranked Beam CB1

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