



STEEL BEAM AND TRIMMER DETAILS

TRIMMER B AND C, USE 3N° 200x50 (C16) JOISTS BOLTED TOGETHER

TRIMMER B/I, USE 2N° 200x50 (C16) JOISTS BOLTED TOGETHER.

TRIMMER D, USE 2N° 200x50 (C16) JOISTS BOLTED TOGETHER

SECOND FLOOR JOISTS FJ1, USE 200x50 (C16) JOISTS AT 400 c/c

SECOND FLOOR JOISTS FJ2, USE 200x50 (C16) JOISTS AT 400 c/c

TRIMMER T1, FITCHED BEAM, USE 2N° 197x50 (C16) JOISTS PLUS 190x10 THICK FULL LENGTH M.S. PLATE PLUS 11N° 12φ BOLTS. SEE ENGINEER'S CALCULATIONS SHEET 5.

BEAM B1, USE 203x133x25 KG. U.B. WITH SPLICE JOINT AS ENGINEER'S CALCULATIONS PRINT OUT PAGES 1-6 INCLUSIVE, AND SHEET 6 OF CALCULATIONS.

BEAM B2, USE 203x102x23 KG. U.B. SEE ENGINEER'S CALCULATIONS SHEET 7, FOR BOLTED CONNECTION DETAIL.

BEAM B/I1, USE 150x90 PARALLEL FLANGE CHANNEL, ONTO 150x100x20 THICK M.S. PLATE EACH END PAINTED WITH 2N° COATS RED OXIDE PRIMER.

BEAM B3, USE 203x102x23 KG. U.B. WITH BOLTED CONNECTION SEE PAGE 7 OF ENGINEER'S CALCULATIONS.

BEAM B4, USE 203x203x46 KG. U.C. ONTO 425 LONG x 100 WIDE x 25 THICK M.S. PLATE, PAINTED WITH 2N° COATS RED OXIDE PRIMER, FOR SPLICE DETAIL AT MID SPAN SEE ENGINEER'S PRINT OUT PAGES 7-12 INCLUSIVE.

BEAM B5, USE 203x203x60 KG. U.C. ONTO 550 LONG x 100 WIDE x 25 THICK M.S. PLATE AT PARTY WALL PAINTED WITH 2N° COATS RED OXIDE PRIMER AND BOLTED TO BEAM B6, AS ENGINEER'S CALCULATIONS SHEET 10, BEAM TO HAVE 2N° SPLICE JOINTS AT 1/2 SPAN AS COMPUTED PRINT OUT SHEETS 13-19 INCLUSIVE.

BEAM B6, USE 203x203x46 KG. U.C. ONTO 425 LONG x 100 WIDE x 20 THICK M.S. PLATE BEARING ON CHIMNEY, AND ONTO 175 LONG x 100 WIDE x 25 THICK M.S. PLATE ON EXTERNAL WALL, BOTH PLATES PAINTED WITH 2N° COATS RED OXIDE PRIMER.

N.B. DISUSED CHIMNEY FILLED TOP AND BOTTOM WITH CONCRETE 600 THICK. INSIDE OF CHIMNEY CLEANED IN THIS AREA BEFORE POURING CONCRETE.

3N° MAIN STEELS TO HAVE SPLICE JOINTS INDICATED THUS.

SOUTH TYNESIDE COUNCIL
28 APR 2015

ST0395/15 HEUL

SOUTH TYNESIDE COUNCIL
22 APR 2015
AREA PLANNING

REVISION 'B' DATE RA-5-00
FLOOR STRUCTURE RE-DESIGNED.
REVISION 'C' DATE 5-7-06
ENGINEER'S DETAILS ADDED

CLIENT MR & MRS K MILLAR	
ADDRESS: 151, KING GEORGE ROAD SOUTH SHIELDS NE 34 0EU	
TITLES: DOUBLE STOREY SIDE & REAR EXTENSION, DORMER LOFT, LORNBERRY & PITCHED ROOF TO EXISTING SINGLE STOREY FRONT EXTENSION.	
DATE 24/5/06	SCALE 1:50
REVISION 'C' 2006-100 SHT 5 OF 8	

PLANS DRAWN FOR
YOUR HOME EXTENSIONS

JOHN HORTON
0191-4543670

DATA SHEET
SINGLE STOREY
REAR EXTENSION
21-4-2015