

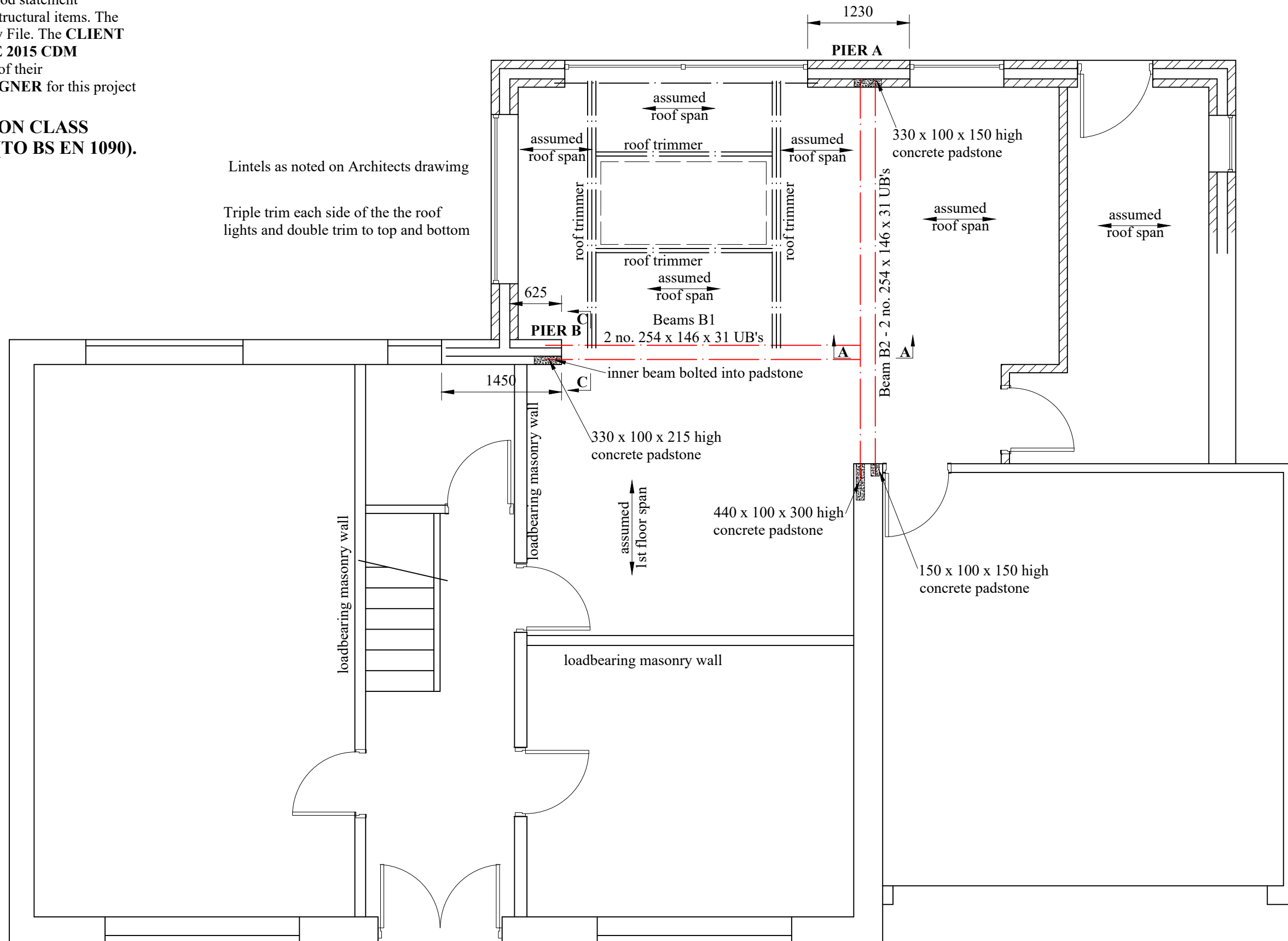
CONTRACTOR TO USE GRADE 355 STEEL (EXECUTION CLASS EXC2) OBTAINED FROM AN APPROVED STOCKIST (TO BS EN 1090). IF DIFFERENT CONSULT STRUCTURAL ENGINEER

PIER A
MASONRY
 2 skins masonry, overall width 1230-mm.
 Inner skin
 100 thk x 3.6N blockwork, category 1 manufacture, 1:1:6 mortar.
 Outer skin
 103 brickwork, min 20N brick, 1:1:6 mortar.
Foundations
 Assume
 1. GBP>108KN/m2
 2. At min 1000 mm below FFL.
 3. Min 600 x 150 thick strip footing

PIER B
MASONRY
 2 skins existing masonry.
Inner skin
 100 thk x 3.6N blockwork, category 1 manufacture, 1:1:6 mortar.
 Overall min. width 1450-mm.
Outer skin
 103 brickwork, min 20N brick, 1:1:6 mortar. Overall min. width
 625-mm.
Foundations
 Assume existing foundation:
 1. GBP>108KN/m2
 2. At min 900 mm below FFL.
 3. Min 600 x 150 thick strip footing

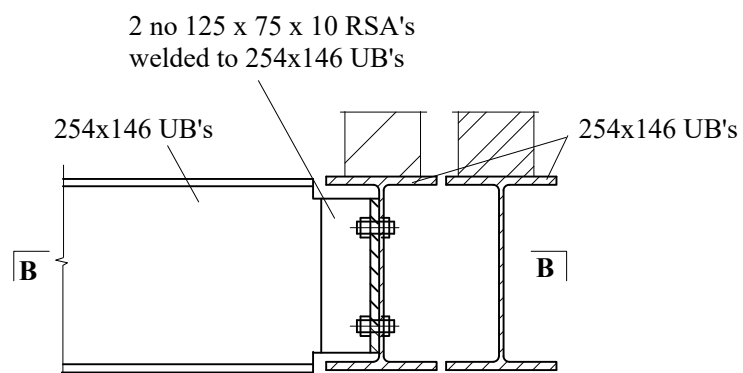
**Existing roof timber gang nail
trusses 22.5 degrees roof pitch**

**Assume all first floor walls stud
partitions. Contractor to confirm
and if different consult Structural
Engineer prior to ordering
steelwork**

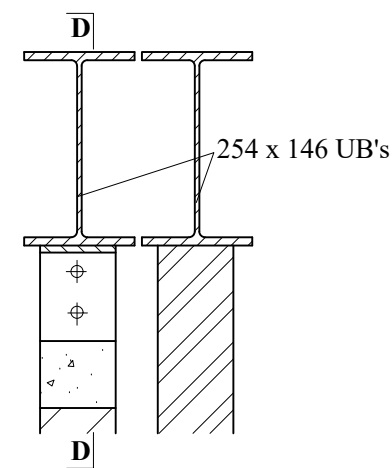


PROPOSED GROUND FLOOR PLAN

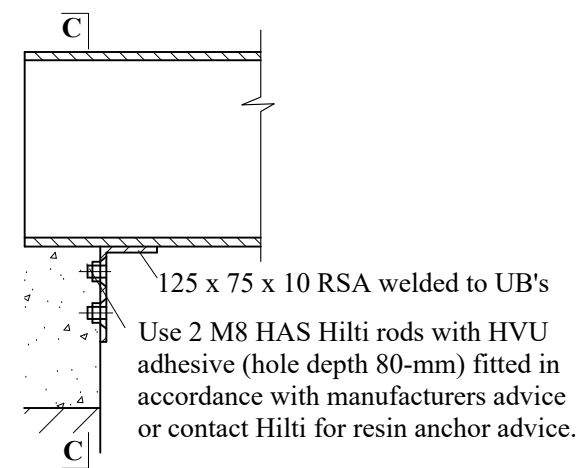
Showing Calculated Elements Over



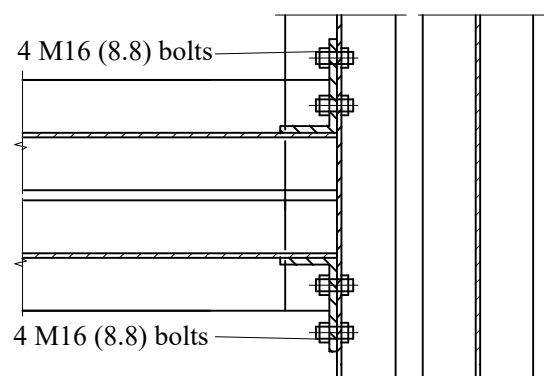
Section A - A



Section C - C



Section D - D



Plan B - B

A2 sheet

15. All work to comply with Building Regulations and current BS codes of practice.

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Job No. 22- 3292	Drg. No. S1
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Date : May 2022	Scales. 1:10, 1:50 @A2
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Calculation Summary Sheet

Proposed Extension and Internal Alterations

28 Gisburn Drive, Lowercroft, Bury BL8 3DH

