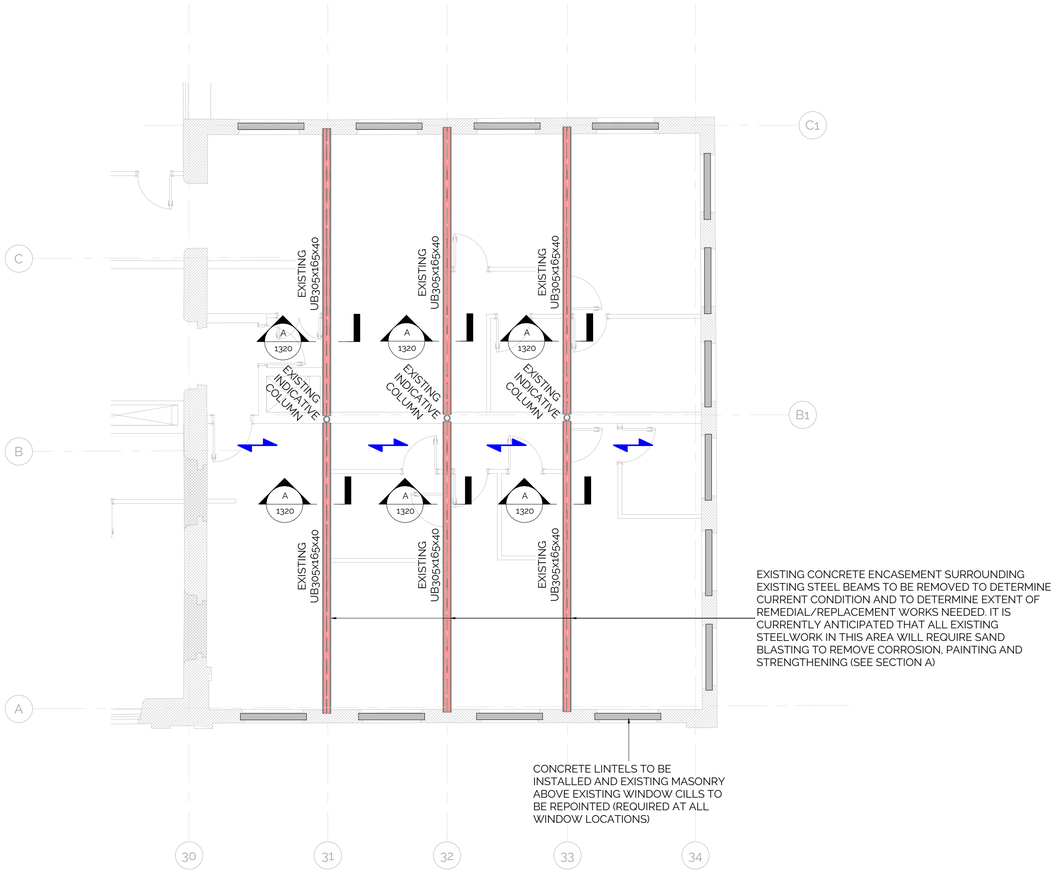
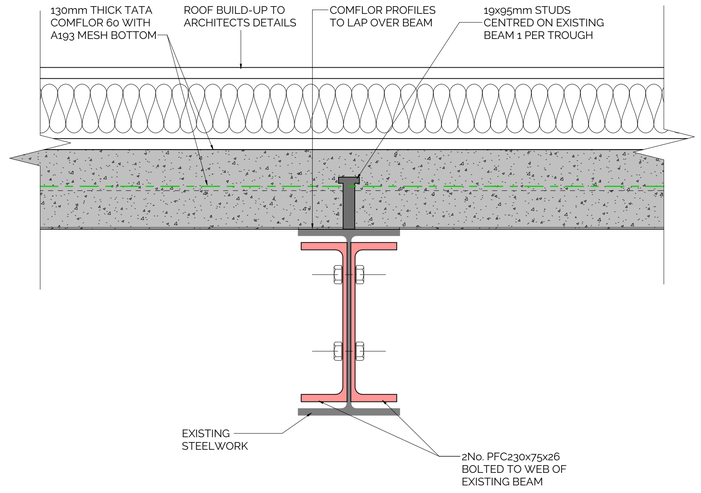


WASTE HOUSE STRUCTURAL PLAN VIEW

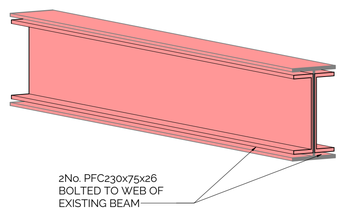
1 : 75

SPAN OF TATA COMFLOR 60 WITH 130mm CONCRETE DECK USING LIGHTWEIGHT CONCRETE WITH A193 MESH BOTTOM

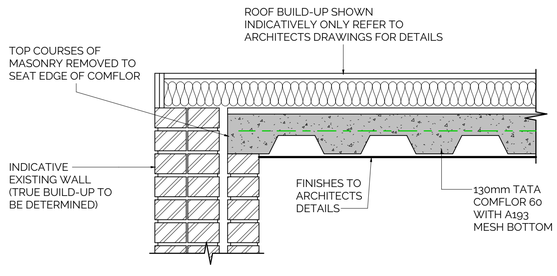


SECTION A

1 : 5



ISOMETRIC BEAM STRENGTHENING



TYPICAL ROOF PERIMETER SECTION A-A

1 : 10

GENERAL NOTES

1. NO DIMENSIONS TO BE SCALED OFF THIS DRAWING.
2. THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECT'S, SPECIALIST'S AND ENGINEER'S DRAWINGS.
3. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
4. ALL LEVELS ARE IN METRES UNLESS NOTED OTHERWISE.
5. ANY DISCREPANCIES NOTED ON SITE ARE TO BE REPORTED TO THE ENGINEER IMMEDIATELY.

STEELWORK NOTES

1. IN THE ABSENCE OF A PROJECT SPECIFIC SPECIFICATION THE BASE SPECIFICATION FOR STRUCTURAL STEELWORK SHALL BE BS5950 STRUCTURAL USE OF STEELWORK IN BUILDING AND THE NATIONAL STEELWORK SPECIFICATION PRODUCED BY THE B.C.S.A.
2. STRUCTURAL STEELWORK TO BE GRADE S355 JR AND FOR HOLLOW SECTIONS GRADE S355 J2H UNLESS NOTED OTHERWISE.
3. CONNECTIONS, BASE PLATE AND HOLDING DOWN BOLTS TO BE DESIGNED AND DETAILED BY THE STEELWORK CONTRACTOR.
4. HOLDING DOWN BOLTS AND WASHER PLATES ARE TO BE SUPPLIED BY THE STEELWORK CONTRACTOR UNLESS NOTED OTHERWISE.
5. ALL PLAN DIMENSIONS ARE SHOWN TO CENTRE OF LINES OF BEAMS OF STANCHIONS UNLESS NOTED OTHERWISE.
6. FOR DETAILS OF FIRE PROTECTION TO STEELWORK REFER TO ARCHITECTS DETAILS.
7. ALL STEELWORK BELOW GROUND LEVEL TO BE ENCASED WITH 100mm MIN CONCRETE (MIX AS FOR FOUNDATIONS).
8. DESIGN OF TEMPORARY WORKS, PROPPING AND BRACING SHALL BE THE RESPONSIBILITY OF THE OF THE STEELWORK CONTRACTOR.
9. WHERE DISSIMILAR STEELS ARE TO BE CONNECTED A SUITABLE ISOLATING MATERIAL SHALL BE INCORPORATED.
10. ALL STEELWORK TO BE ENCASED (EITHER BURIED ENCASED IN CONCRETE BELOW SLAB LEVEL OR WHOLLY OR PARTIAL EMBEDDED WITHIN EXTERNAL CAVITY WALL) TO BE GIVEN 2 COATS R.I.W. LIQUID ASPHALTIC COMPOUND ON ALL SIDES THAT ARE TO BE ENCASED OR EMBEDDED BY THE MANUFACTURER TO A DFT OF 150 MICRONS.
11. ALL STEELWORK UNLESS NOTED OTHERWISE TO BE SHOT-BLASTED TO SA2 1/2 THEN RECEIVE A SHOP APPLIED ZINC PHOSPHATE PRIMER TO A DFT OF 100 MICRONS.
12. ALL EXTERNAL STEELWORK TO BE GALVANISED WITH 75 MICRONS PROTECTION.
13. CONTRACTOR TO ALLOW FOR SECONDARY COLD-ROLLED TRIMMING STEELWORK FOR SERVICE PENETRATIONS.
14. CONTRACTOR TO ALLOW FOR PENETRATION THROUGH STEELWORK TO ACCOMODATE M&E EQUIPMENT ABOVE THE CEILING.

Rev	Date	Amendments	By	Chk
P04	18.09.25	Details updated for comflor roof.	RH	JH
P03	03.03.25	Stage 4 status added.	RH	JH
P02	04.11.24	Updated to suit latest information.	RH	JH
P01	29.09.23	Initial issue.	RH	CW

Project

BRUNSWICK MILL - MANCHESTER

Drawing Title

ROOF OVER WASTE HOUSE WORKS

Engineer

HOWARD WYNNE Consulting Engineers

Client

Arrowsmith Group
Developing Profitable Properties

Status

STAGE 4

Scale	Drawn	Checked	Date
As indicated	RH	CW	29.09.23

Drawing Number: 23178-HW-23-04-DR-S-1320 — Rev.: P04

BIM Drawing Reference: 23178-HW-23-04-DR-S-1320

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