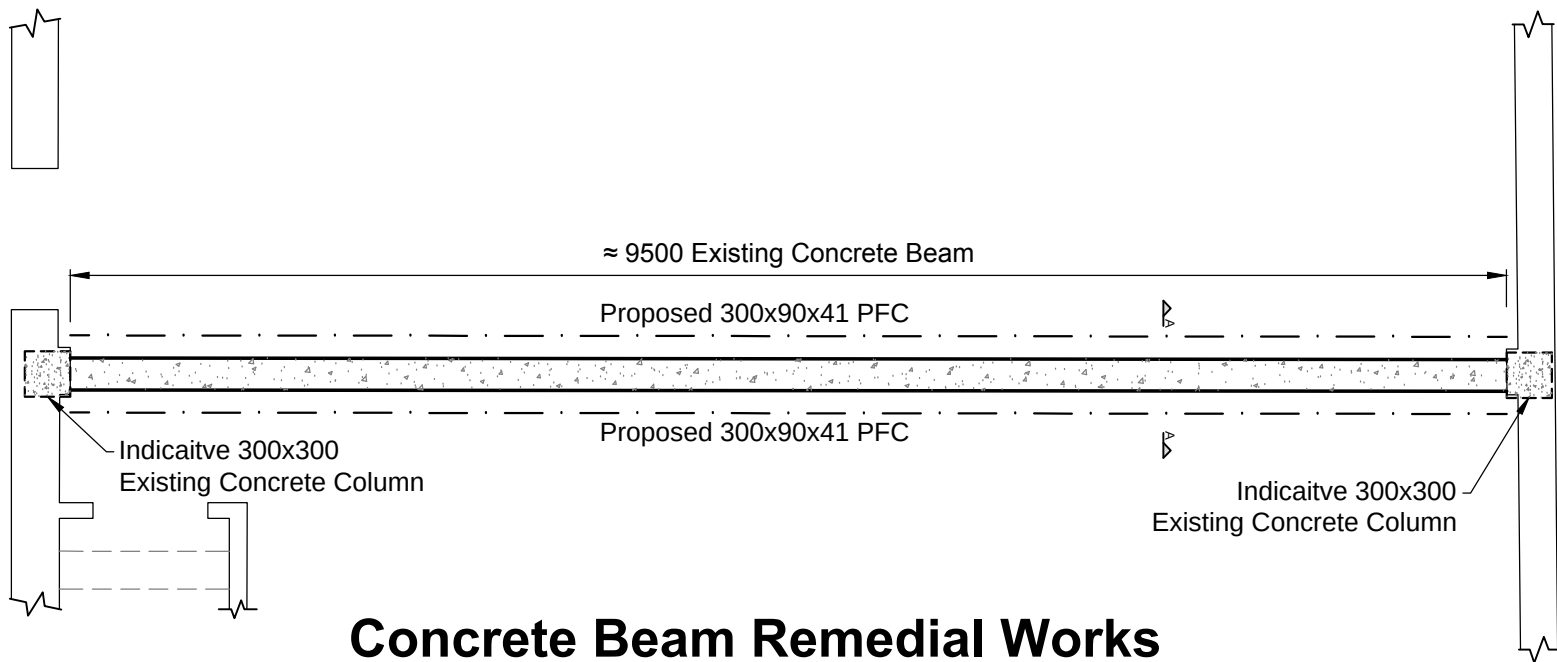




Concrete Beam Remedial Works

Scale 1:50

STEELWORK NOTES

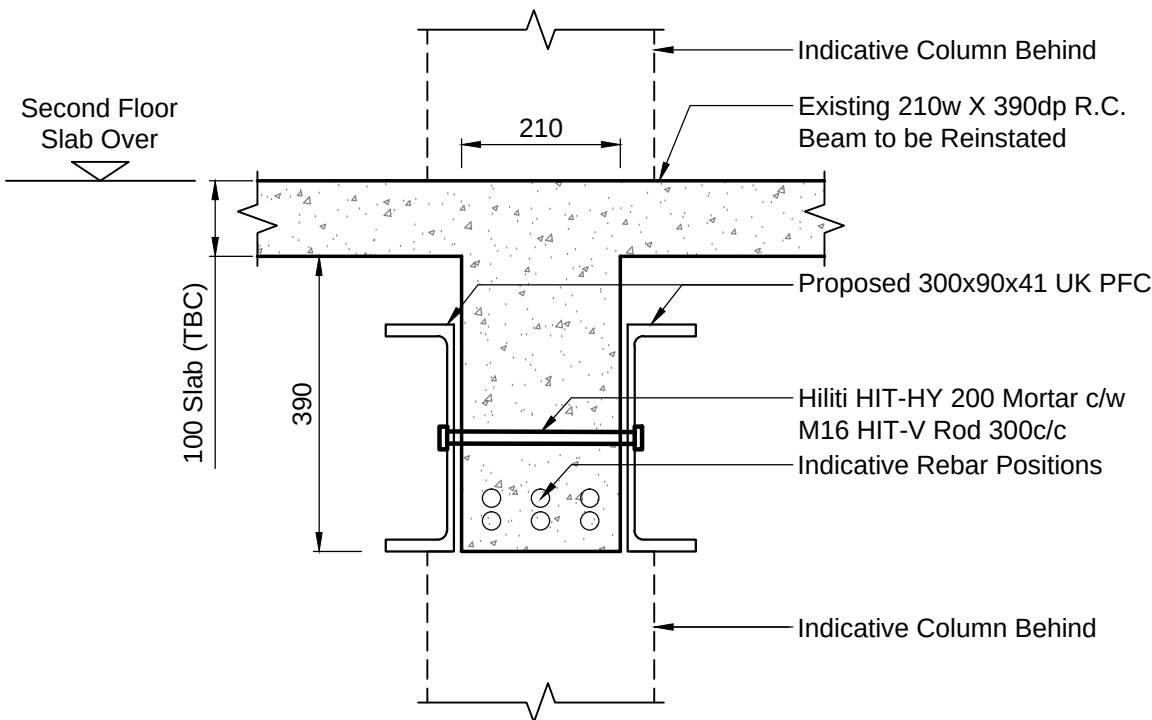
1. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ARCHITECTS AND ENGINEERS DRAWINGS, SPECIFICATION.
2. ALL MATERIALS, FABRICATION AND ERECTION TO CONFORM WITH THE CURRENT EDITION OF THE BCSA PUBLICATION ENTITLED 'NATIONAL STRUCTURAL STEELWORK SPECIFICATION FOR BUILDING CONSTRUCTION'.
3. ALL WORK TO BE IN ACCORDANCE WITH THE RELEVANT BRITISH STANDARD CODES OF PRACTICE.
4. ALL STEELWORK TO BE GRADE S275 TO BS EN 10 025 AND FABRICATED IN ACCORDANCE WITH BS5950 (U.N.O).
5. ACTUAL SERIAL SIZES OF SECTIONS ARE SHOWN BUT THEY DO NOT TAKE INTO ACCOUNT ROLLING TOLERANCES.
6. ALL STEELWORK WHICH IS TO BE ENCLOSED WITHIN CAVITIES IS TO BE PAINTED WITH TWO COATS OF 2 PACK HIGH BUILD COAL TAR EPOXY BY GENERAL CONTRACTOR. MINIMUM DFT 125 MICRONS PER COAT.
7. FABRICATION DRAWINGS TO BE SUBMITTED IN GOOD TIME TO THE ENGINEER AND ARCHITECT FOR INSPECTION PRIOR TO COMMENCEMENT OF FABRICATION WORKS.
8. STEELWORK TO BE SHOTBLASTED TO SA2.5 AND PAINTED WITH 1 COAT 2 PACK HIGH BUILD EPOXY ZINC PHOSPHATE PRIMER GREY. MINIMUM DFT 100 MICRONS.
9. STEELWORK ENCASED IN CONCRETE IS TO BE COMMERCIALY SHOTBLASTED AND IS TO REMAIN UNPAINTED.
10. STEELWORK CONTRACTOR TO INCLUDE FOR WIRE BRUSHING ANY DAMAGED AREAS OF STEEL BACK TO BRIGHT METAL. FEATHER EDGES OF DAMAGED PAINTWORK AND MAKE GOOD WITH 2 PACK HIGH BUILD ZINC PHOSPHATE PRIMER GREY. MINIMUM DFT 100 MICRONS.
11. ALL EXPOSED STEELWORK TO BE HOT DIP GALVANISED TO EN 150 1461. MIN DFT 85 MICRONS.

notes :

1. IF THIS DRAWING HAS BEEN RECEIVED ELECTRONICALLY IT IS THE RECIPIENTS RESPONSIBILITY TO PRINT THE DOCUMENT TO THE CORRECT SCALE
2. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS STATED OTHERWISE. IT IS RECOMMENDED THAT INFORMATION IS NOT SCALED OFF THIS DRAWING
3. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWINGS AND SPECIFICATIONS

REINFORCED CONCRETE NOTES

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS AND ENGINEERS DRAWINGS AND SPECIFICATIONS.
2. ALL CONCRETE TO BE GRADE C35 TO BS8110: MIN CEMENT CONTENT 300kg/m³ OPC; MAX FREE WATER / CEMENT RATION 0.6, MAX AGGREGATE SIZE 20mm.
3. COVER TO FACE OF CONCRETE TO BE 30mm ON NEAR FACE AND 30mm ON FAR FACE.
4. ANY FORMWORK OR TEMPORARY PROPPING REQUIRED TO BE DESIGNED AND INSTALLED BY THE MAIN CONTRACTOR. DETAILS TO BE ISSUED TO CCS FOR COMMENT PRIOR COMMENCEMENT.

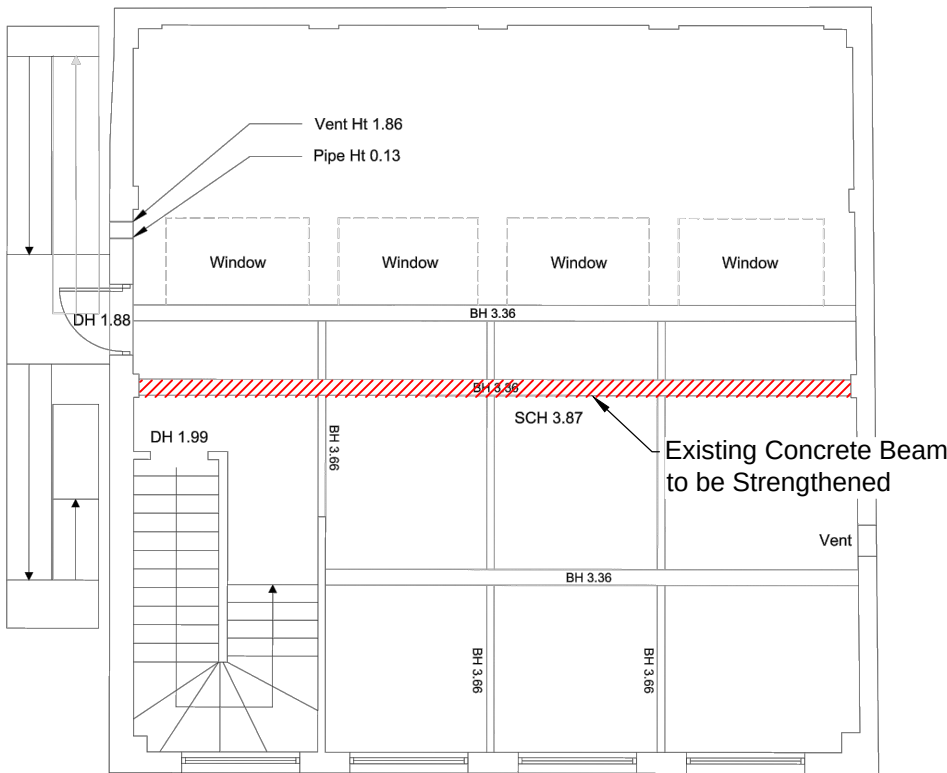


Section A-A (Flitch Detail)

Scale 1:10

Existing Concrete Beam to Be Repaired:

1. Remove All Loose Material Back to Sound Concrete.
2. Removed Scale & Corrosion from Steel Rebar back to Shiny Metal.
3. Reinstate Concrete Using High Strength Epoxy Mortar Repair (i.e. Fosroc or Similar Approved).



Indicative Location Plan @ 2nd Floor Level

Scale NTS

All Dimensions to be Confirmed by Architect

rev	amendments	by	date
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Client:

Mr. Ahmed

Project:

**58 Richmond Street,
Manchester**

Title:

Concrete Beam Remedial Details

Drawing Status:
Sketch

Date Created:
Oct. '16

Drawing Scale:
As Shown

16-1160 / A3 / SK-01 P1

Project Leader:
LS

Drawn By:
JF

Initial Review:
WFF