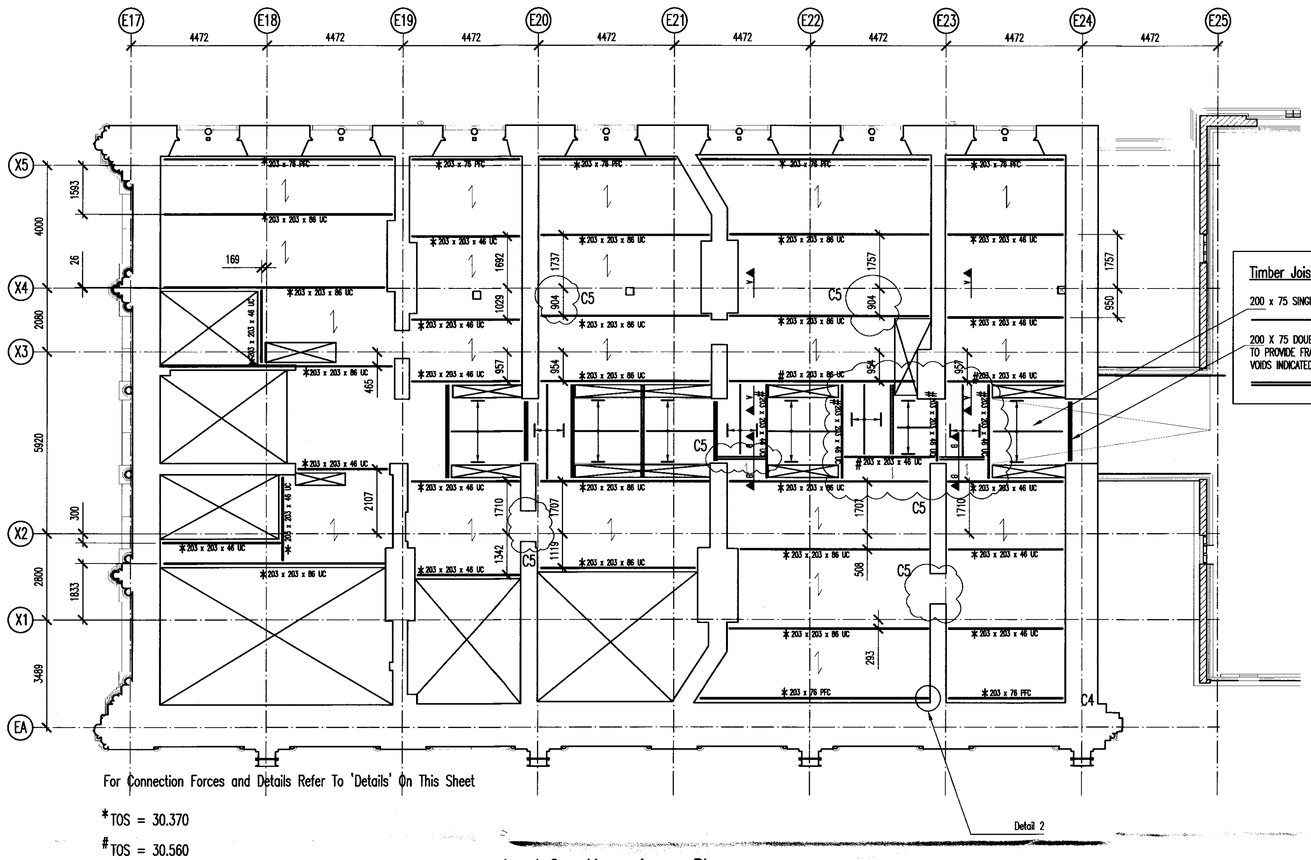


For Connection Forces and Details Refer To 'Details' On This Sheet

*TOS = 30.370

#TOS = 30.560

Level One Mezzanine – Plan

Steel Work Layout

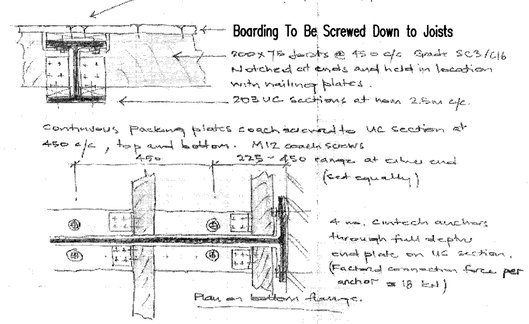
Timber Joists

200 x 75 SINGLE JOISTS INDICATED THUS:–

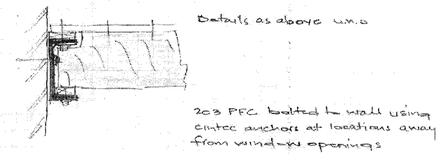
200 X 75 DOUBLE JOISTS (BOLTED TOGETHER) TO PROVIDE FRAMING SUPPORT TO SERVICE VOIDS INDICATED THUS:–

Barlow House – 1st Floor Mezz

Detail



Detail at edge of Barlow House, east & west facades

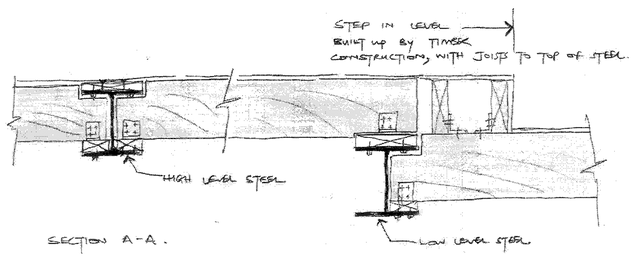


Notes

1. Spacing and size of cintec anchors and installation to be in accordance with the Manufacturer's recommendations.
2. All anchor locations to be investigated prior to fabrication of steelwork to confirm presence of solid brickwork of the required thickness.

Level One Mezzanine – Details 1

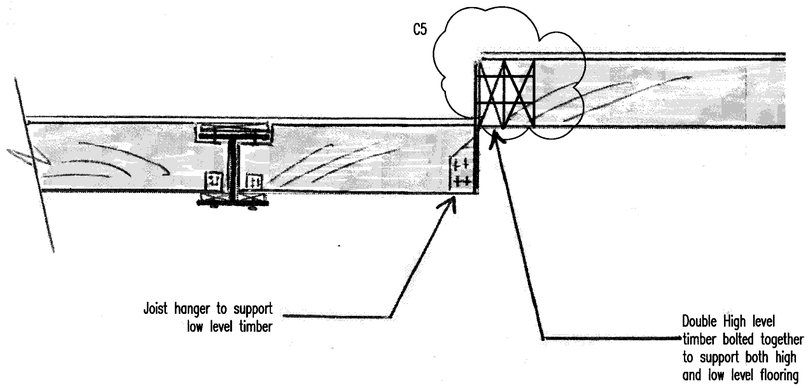
For Details At Change In Level Refer To Section A–A



Section A–A Shows Typical Timber Arrangement For Change In Level.
Timber Details As Per 'Level One Mezzanine – Details 1'

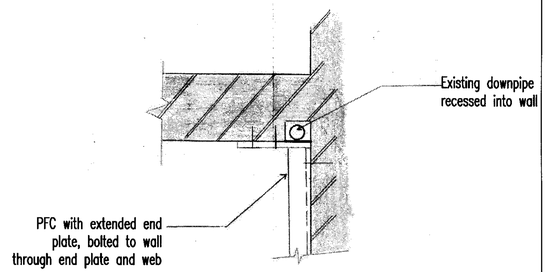
For Floor Build-Up Details Refer To Architect's Details

Section A–A



Section B–B Shows The Timber Arrangement For Change In Level Where The Steel Beam is Offset From The Step

Section B–B



PFC Non-Standand End Connection – Details 2

General Notes:

1. Drawings are not to be scaled (images have been scanned).
2. For typical Connection Details refer to Drg No, 18000/S_1145.
3. Connection design forces shown thus : (__kN), acting downwards. All forces are factored. Where such connection forces are only shown at one end of the beam it should be assumed the force is the same at both ends.
4. Concrete grade to insitu beams and slabs (not on steel decking) to be RC40, refer to Arup concrete specification details.
   Nominal cover to all reinforcement to be 30mm, to BS8500.
5. Concrete grade to insitu slabs on permanent metal decking to be RC30, refer to Arup concrete specification for details. Nominal Cover to be 30mm.
6. For Temporary Works proposals refer to Drg No, 111800/S_1147 & S_1743.
7. Concrete upstand to all levels at front of lift to be provided. Refer to Drg No, 118000/S_1146 Detail 'F'.
8. Locations of Existing W.I. Beams to be confirmed to Engineer prior to demolition.
9. Any descrepancies between Architect's & Engineer's Drawings to be highlighted to both parties.
10. All general dimensional information & setting out to be refered to Architect's Drawings.
11. Lifting beams & secondary lift steelwork to be Contractor designed.
12. Proposed method statement & construction sequence to be agreed with Engineer.

Issue	Date	By	Chkd	Appd
C5	12/12/08	APS	JB	BJ
Issued For Construction				
C4	17/11/08	APS	JB	BJ
Issued For Construction				
C3	18/10/07	JL	JB	BJ
Issued For Construction				
C2	14/06/07	JGW	JL	JB
Plans Combined, Steel Beams Positioned				
C1	09/03/07	JL	JB	BJ
Issued for construction				

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Client
Manhattan Lofts Corporation Limited

Job Title
St. Pancras Chambers

Drawing Title
Barlow House
Level One Mezzanine Slab

Scale at A1

Plot ID 86E561F5-C87C-4CB2-82BA-F7229B9A1FD2

Drawing Status
Construction

Job No	Drawing No	Issue
118000	S_6001	C5

J:\118000\118000\118000\4 INTERNAL PROJECT DATA\03 Arup Drawings\07 Structural\St Pancras Chambers - Main Contract\S_6001.dwg 5 Jan 2009 15:11:59 andrew.smith

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