

LEVEL TWO PLANT SLAB - PLAN
STEEL WORK LAYOUT

FOR TYPE 1 DECK, SPAN SHALL NOT EXCEED 3.25m AND TYPE 2 DECK SPAN SHALL NOT EXCEED 3.5m. - REFER TO S_6003 DETAIL A.
SLAB LEVELS TO BE AS FOLLOWS: TYPE 1 - SSL 33.350 TYPE 2 - SSL 33.280

FOR 200 x 100 x 10 RSA CONNECTION REFER TO S_1145 TYPE A. DESIGN UNIFORM LOAD EQUALS 15kN/m.

FOR REINFORCEMENT DETAILS REFER TO S_6003.

WHERE CANTILEVERS ARE ADOPTED PRE-DRILLED HOLES WILL BE REQUIRED (SEE DRG S_6003).

DECKING TO BE RIBDECK 80 GAUGE 1.2mm.

FOR END OF BEAM CONNECTIONS INTO FACADE WALL (EXCEPT ALONG EAST FACADE) REFER TO S_1145 TYPE B OR C.

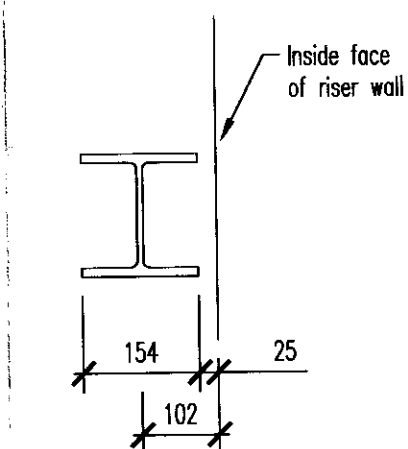
FOR END CONNECTION & EDGE DETAILING ALONG STATION (EAST) FACADE REFER TO S_6004 DETAIL C1 & C2.

STEEL TO STEEL CONNECTIONS TO BE FACE FIXED.

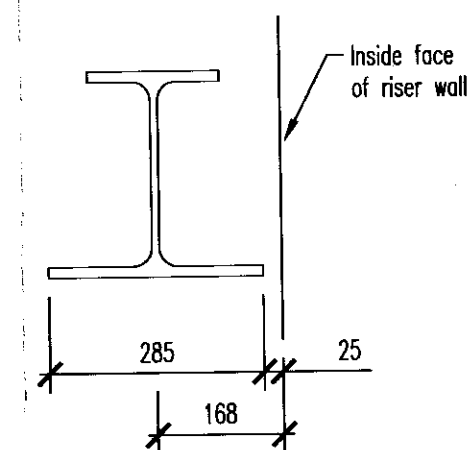
FOR CONNECTIONS BETWEEN ASB's AND TRIMMING STEEL AND CROSS WALL CONNECTIONS REFER TO S_6004 DETAIL D & E

CONNECTIONS TO CROSS WALLS INDICATED THUS: TO HAVE STIFFENERS & RESIN ANCHOR CONNECTION TO PADSTONE.
REFER TO DETAIL D (DRG No. S_6004)

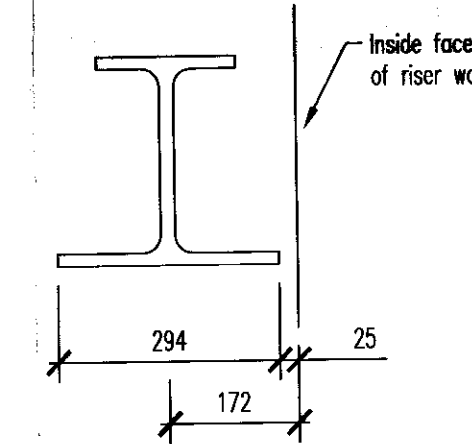
ALL OTHER CONNECTIONS TO CROSS WALLS NOT INDICATED AS DETAIL D TO BE DIRECT BEARING PADSTONE/BEAM
WITHOUT RESIN ANCHORS/STIFFENERS



TYPICAL SECTION
TYPE A



TYPICAL SECTION
TYPE B



TYPICAL SECTION
TYPE C

General Notes:

- Drawings are not to be scaled (images have been scanned).
- For typical Connection Details refer to Drg No. 18000/S_1145.
- 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.
- 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.
- Concrete grade to insitu slabs on permanent metal decking to be RC30, refer to Arup concrete specification details. Nominal cover to be 30mm.
- For Temporary Works proposals refer to Drg No. 111800/S_1147 & S_1743.
- Concrete upstand to all levels at front of lift to be provided. Refer to Drg No. 118000/S_1146 Detail 'F'.
- Locations of Existing W.I. Beams to be confirmed to Engineer prior to demolition.
- Any discrepancies between Architect's & Engineer's Drawings to be highlighted to both parties.
- All general dimensional information & setting out to be referred to Architect's Drawings.
- Lifting beams & secondary lift steelwork to be Contractor designed.
- Proposed method statement & construction sequence to be agreed with Engineer.

C5	30/01/08	JL	JB	BJ
Issued For Construction				
C4	19/07/07	JL	JB	BJ
Issued For Construction				
C3	14/06/07	JGW	JL	JB
Issued for construction				
C2	08/06/07	WGC	JB	BJ
Issued for construction				
C1	09/03/07	JL	JB	BJ
Issued for construction				
Issue	Date	By	Chkd	Appd

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Client

Manhattan Lofts
Corporation Limited

Job Title

St. Pancras Chambers

Drawing Title

Barlow House
Level Two Plant Slab

Scale at A1
1:100

Plot ID

Drawing Status

Construction

Job No	Drawing No	Issue
118000	S_6002	C5