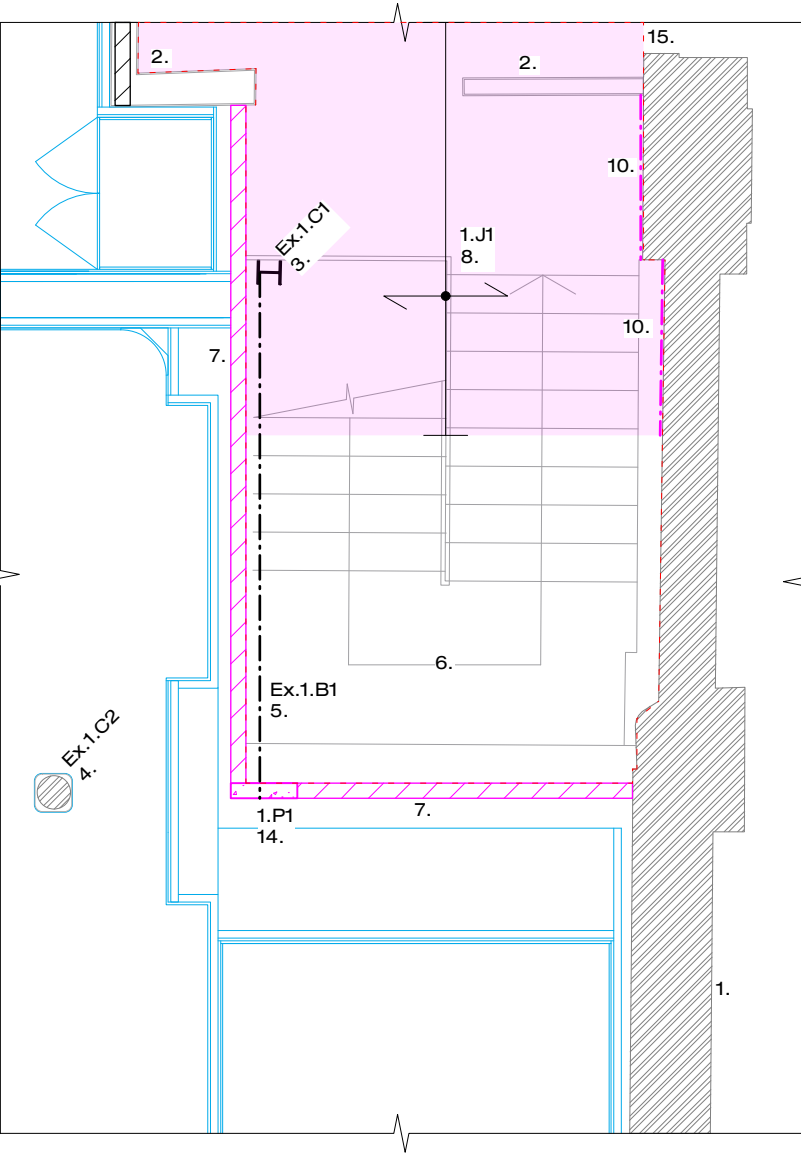


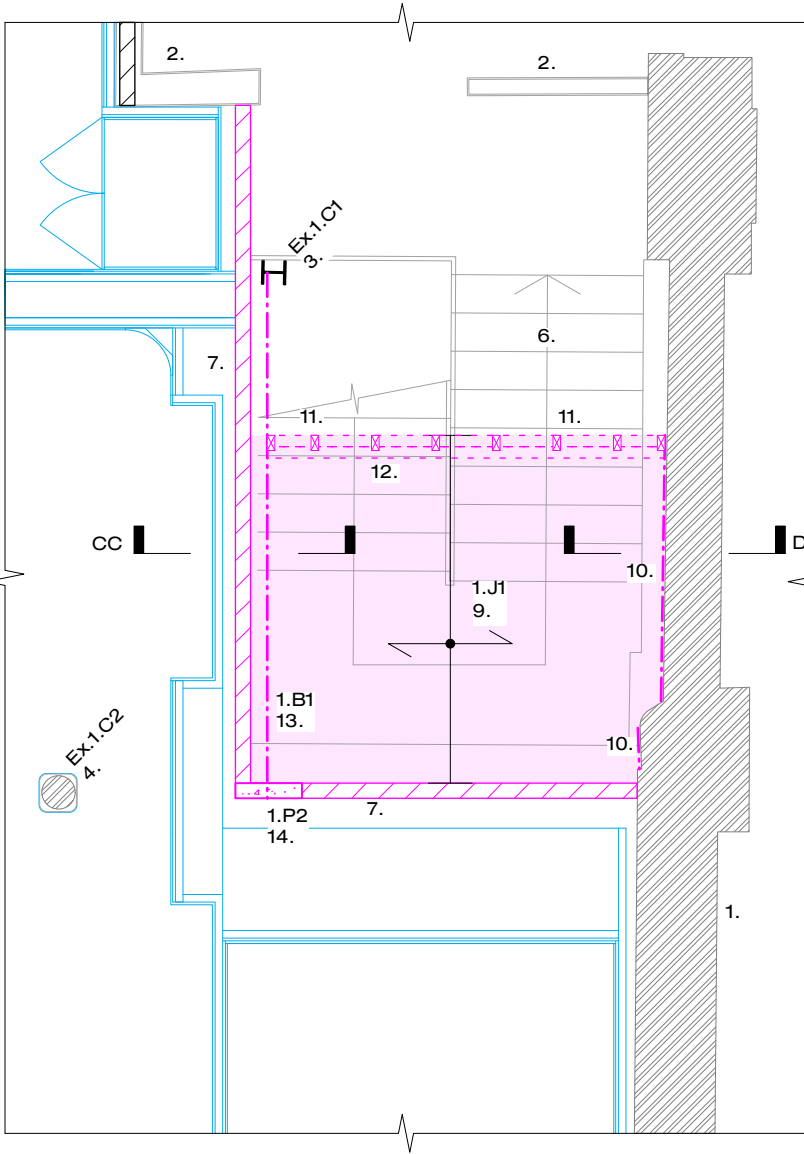
date: 19th December 2024

job no: 1920

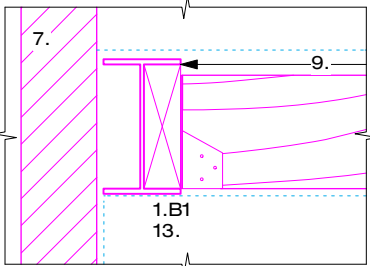
project: M&W Manchester



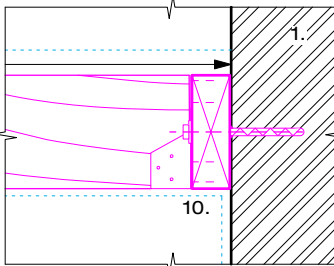
Back of House Plant Deck - Upper Decking Level (Plan AA)
1:50



Back of House Plant Deck - Lower Decking Level (Plan BB)
1:50



Plant Deck Joists - Steel beam
end condition (Detail CC)
Elevation View
1:10



Plant Deck Joists - Masonry
wall end condition (Detail DD)
Elevation View
1:10

Plant Deck Floor Schedule		
Ref	Size	Grade
1.J1	75 wide by 150 deep timber joists at 300 centres	C24

Beam Schedule		
Ref	Size	Grade
Ex.1.B1	203 x 102 x 23 UB (assumed)	-
1.B1	178 x 102 x 19 UB	S275

Column Schedule		
Ref	Size	Grade
Ex.1.C1	152 x 152 x 23 UC (assumed)	-
Ex.1.C2	200 dia. cast iron column (original)	-

Padstone Schedule	
Ref	Size
1.P1	440 x 100 x 215h
1.P2	440 x 100 x 215h

Notes:

This drawing to be read in conjunction with the architects drawings and all other relevant drawings.

1. Existing load bearing external masonry walls.

2. Existing internal partition walls.

3. Existing steel column Ex.1.C1. Refer to schedule for further details.

4. Existing cast iron column Ex.1.C2. Refer to schedule for further details.

5. Existing steel beam Ex.1.B1 to be retained and reused to support new plant deck.

6. Existing back of house staircase to be retained.

7. New 100 wide minimum 7.3N blockwork walls with M4 mortar to replace existing blockwork walls deemed structurally unsafe.

8. New upper plant deck structure comprising timber joists with noggins and 18mm plywood screwed to the top of the joists. Joists to span between new internal blockwork wall or existing steel beam Ex.1.B1 and external masonry wall. Refer to schedule for further details.

9. New lower plant deck structure comprising timber joists with noggins and 18mm plywood screwed to the top of the joists. Joists to span between new steel beam 1.B1 and external masonry wall. Refer to schedule for further details.

10. New full depth timber wall plate to match adjacent joists bolted to face of existing wall with M12 grade 8.8 anchors with Rawlplug R-KER II resin at 400 c/c with min. 80mm penetration. Incoming timber joists to be screwed to the timber wall plate through joist hanger connections in accordance with Detail DD.

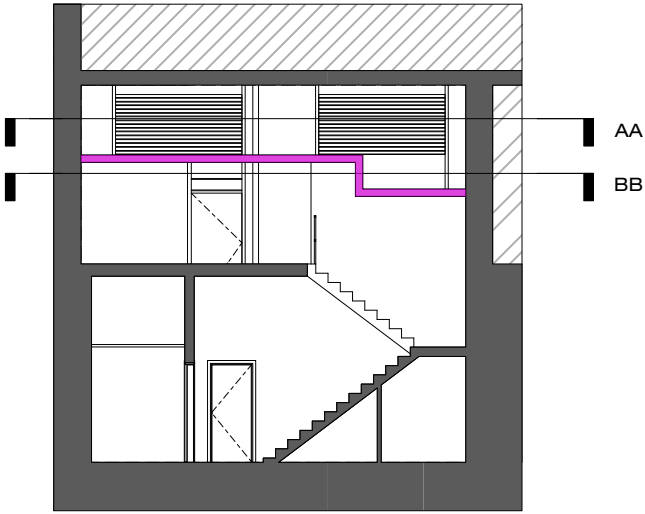
11. New timber partition wall from 50 wide by 100 deep C16 studs at 400 centres with double head and sole plates to match stud sizes. 18mm plywood to be fixed to both faces.

12. Double up plant deck timber joists under the new partition wall.

13. New steel beam 1.B1 to be installed to support new plant deck floor joists at the lower level. Timber packers to be installed in the web of the new beam with incoming timber joists screwed to the timber packers through joist hanger connections in accordance with Detail CC.

14. New mass concrete padstone to support new and existing steelwork. Refer to schedule for further details.

15. Existing plant deck to be removed.



Reference Section (by others)
Not to scale

engineer: AJF

checked: PG