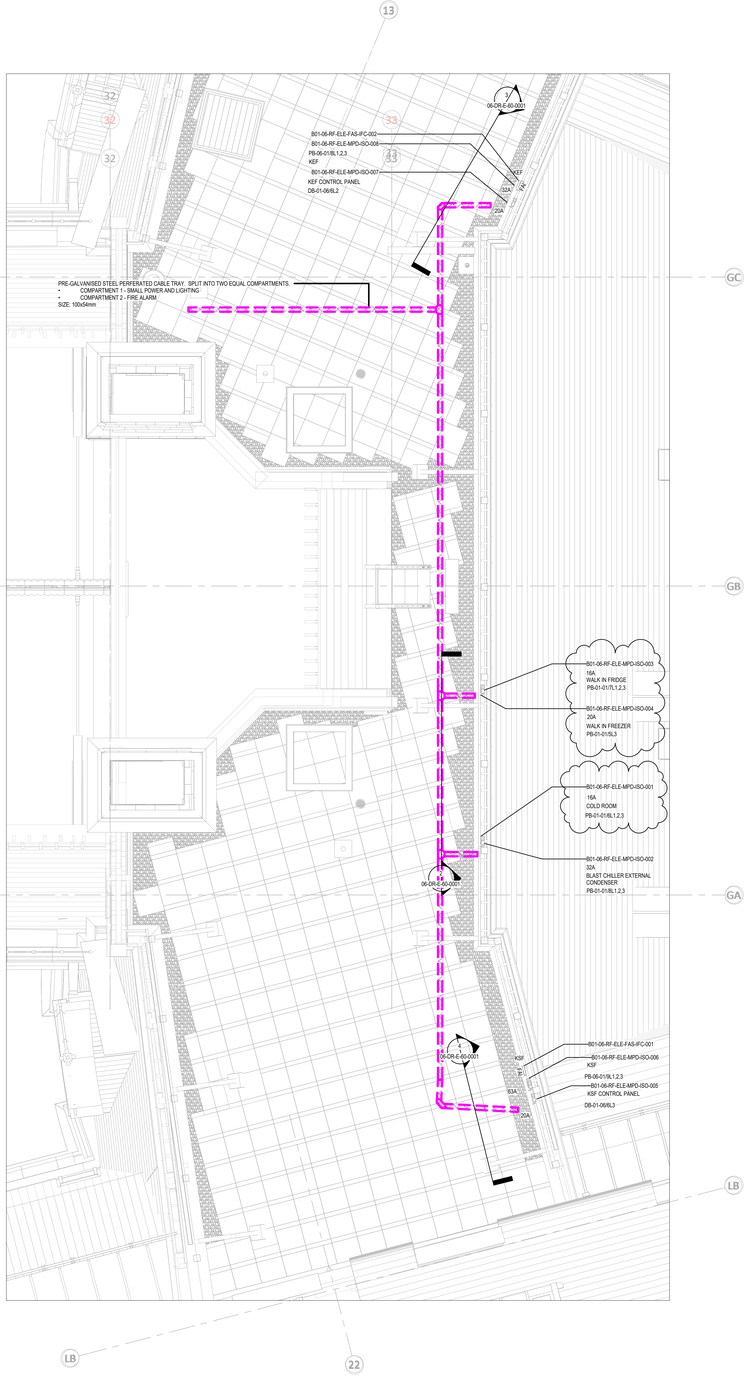
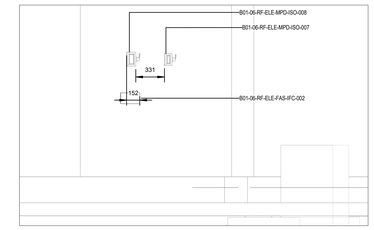


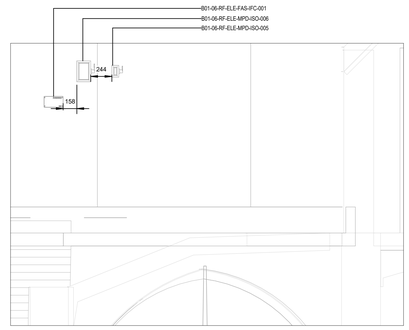
2 Roof East Section
1 : 25



1 60-06-01-COORDINATION
1 : 50



3 Roof East Section 2
1 : 25



4 Roof East Section 1
1 : 25

HK-N-60-General Notes

1 THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT PROJECT DRAWINGS AND INFORMATION FROM THE WHOLE PROJECT TEAM AS AVAILABLE ON ACONEX. THIS IS INCLUSIVE OF, BUT NOT LIMITED TO, ALL AVAILABLE 3D REVIT MODEL INFORMATION FROM HULLEY & KIRKWOOD, TAYLOR DESIGN, PURCELL, RAMBOLL AND ARUP.
2 ALL ELECTRICAL INSTALLATION WORKS SHALL BE INSTALLED IN ACCORDANCE WITH BS 7671 INCLUDING ALL AMENDMENTS.
3 CONTRACTORS SHALL INCLUDE FOR DISJOINTED WORKS INVOLVED WITH THE PROJECT IN REGARDS TO THE CO-ORDINATION WITH ALL OTHER TRADES.
4 THE ELECTRICAL INSTALLATION SHALL BE IN ACCORDANCE WITH THE CONTRACTORS PROGRAMME OF WORKS AND PHASING STRATEGY.
5 FINAL POSITIONS OF ALL EQUIPMENT SHALL BE AS PER THE SETTING OUT IN ACCORDANCE WITH THE ARCHITECTURAL INFORMATION.
6 THE CONTRACTOR SHALL UNDERTAKE ALL WORKS IN ACCORDANCE WITH THE ARUP PROJECT SPECIFICATION(S). IF NOT PROVIDED AT THE TIME OF TENDER, THE CONTRACTOR SHALL REQUEST SAID DOCUMENT(S) AND ENSURE THEIR TENDER COMPLIES FULLY WITH THE OUTLINED REQUIREMENTS.

HK-N-61-General Notes

1 ALL CONTAINMENT SERVICES SHALL BE INSTALLED SUPPORTED FROM THE BUILDING STRUCTURE BY MEANS OF SUITABLY FABRICATED UNISTRUT/GRIDER CLAMPS TAKING INTO ACCOUNT BOTH THE CONTAINMENT AND CABLE WEIGHTS.
2 EACH SECTION OF CONTAINMENT SHALL BE ELECTRICALLY BONDED TO THE NEXT BY MEANS OF THE MANUFACTURERS EARTH BOND LUGS.
3 EACH PENERTRATION THROUGH FIRE RATED WALLS/SLABS ETC SHALL BE SEALED BY MEANS OF AN APPROVED FIRE RATED STOPPING MATERIAL.
4 ALL VERTICAL CONTAINMENT SERVICE SHALL BE AFFIXED TO THE BUILDING STRUCTURE VIA 25mm UNISTRUT MOUNTED HORIZONTALLY.
5 ALL HORIZONTAL BASKET SHALL BE INSTALLED WITH CABLE RETAINERS OF THE APPROPRIATE SIZE WITH A SPACING OF 300mm TO PREVENT CABLE SAG.
6 SOCKET OUTLET/FIRE ALARM SERVICE WITH A ROOM THAT DOES NOT HAVE A WHITEROCK WALL CLADDING FINISH THEN GALVANISED STEEL CONDUIT SHALL BE USED.
7 CONTRACTORS SHALL ENSURE ANY CABLING (DATA, FIRE ALARM AND FINAL CIRCUITS) ROUTED VIA STRAP FIXINGS ARE SUPPORTED BY NON-COMBUSTABLE MATERIALS.

HK-N-62-General Notes

1 THE CONTRACTOR SHALL ENSURE HIGH INTEGRITY EARTHING IS PROVIDED VIA DUAL EARTH CONNECTIONS AT THE DISTRIBUTION BOARDS.
2 UNDER NO CIRCUMSTANCES SHALL SERVICES BE INSTALLED ONTO ORIGINAL FABRIC WALLS WITHIN THE INTERNAL STRUCTURE
3 ALL FLOOR MOUNTED CLEANER SOCKET OUTLETS SHALL BE INSTALLED WITHIN A FLOOR GROMMET COMPLETE WITH LID.
4 ALL DISTRIBUTION BOARDS ARE TO BE SUPPLIED AS PART OF THE BASE BUILD. CONTRACTORS SHALL REFER TO ARUP SMALL POWER DRAWINGS FOR LOCATIONS OF DISTRIBUTION BOARDS.

HK-N-68-General Notes

1 THE FIRE ALARM SYSTEM SHALL BE INSTALLED BY THE SPECIALIST CONTRACTOR TO FULLY COMPLY WITH THE REQUIREMENTS OF BS 5839-1:2017.
2 NO JOINTING OF THE WIRING SHALL BE PERMITTED.

LEGEND

- 13A TWIN SWITCHED SOCKET OUTLET 'IP' DENOTES IP66 RATED
- 13A SWITCHED FUSED CONNECTION OUTLET UNLESS STATED OTHERWISE 'HD' DENOTES HAND DRYER 'DP' DENOTES DOUBLE POLE UNFUSED ISOLATOR
- 13A SWITCHED SINGLE SOCKET 'CL' DENOTES CLEANERS SOCKET
- 13A SWITCHED 4 SINGLE SOCKET METALCLAD SUSPENDED SERVICE UNIT AS MANUFACTURED BY OLSON
- 13A UNSWITCHED SINGLE SOCKET OUTLET
- 1No COMMANDO SOCKET 32A SPAN
- FB — FLOOR BOX - 2No TWIN SWITCHED SOCKETS
- ROTARY ISOLATOR (SIZED AS INDICATED)
- 25 — SINGLE RJ45 OUTLET
- 50 — DOUBLE RJ45 OUTLET

LEGEND

- FAI — FIRE ALARM INTERFACE
- EMERGENCY GAS SHUTOFF BUTTON

04/06/2024	DB SCHEDULE UPDATE	C02	S Miah
07/11/2023	ISSUED FOR CONSTRUCTION	C01	S Miah
02/08/2021	UPDATED IN LINE WITH CLASH REPORTS & COMMENTS	P05	J Staley
20/04/2021	ISSUED FOR TENDER	P04	J Staley
29/10/2020	ISSUED FOR WORK STAGE 5	P03	J Staley
30/08/2019	ISSUE FOR TENDER	P02	S Lu
27/08/2019	ISSUE FOR COMMENT	P01	S Lu
Date	Revision Description	Rev.	By

Revision Description

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Project:
Manchester Town Hall Catering Works

Drawing Title:
ELECTRICAL COORDINATION LAYOUT LEVEL 06 (ROOF)

Drawing Number:
OTH-HAK-TH-06-DWG-V-6001

Revision:	C02	**Rev Date:**	04/06/2024
Scale:	As indicated		
Drawn By:	J Staley	**Checked By:**	D Farrimond
		Approved By:	D Farrimond
Arch Rev:	-		
Struct Rev:	-		

Issue Status:
CONSTRUCTION
A0