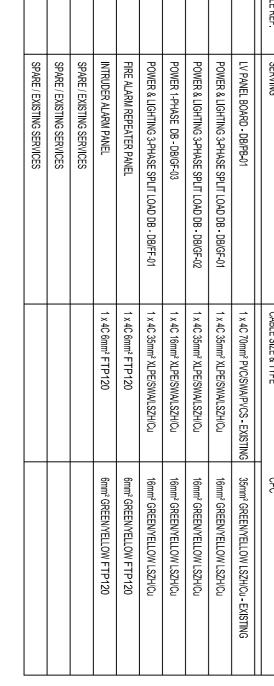
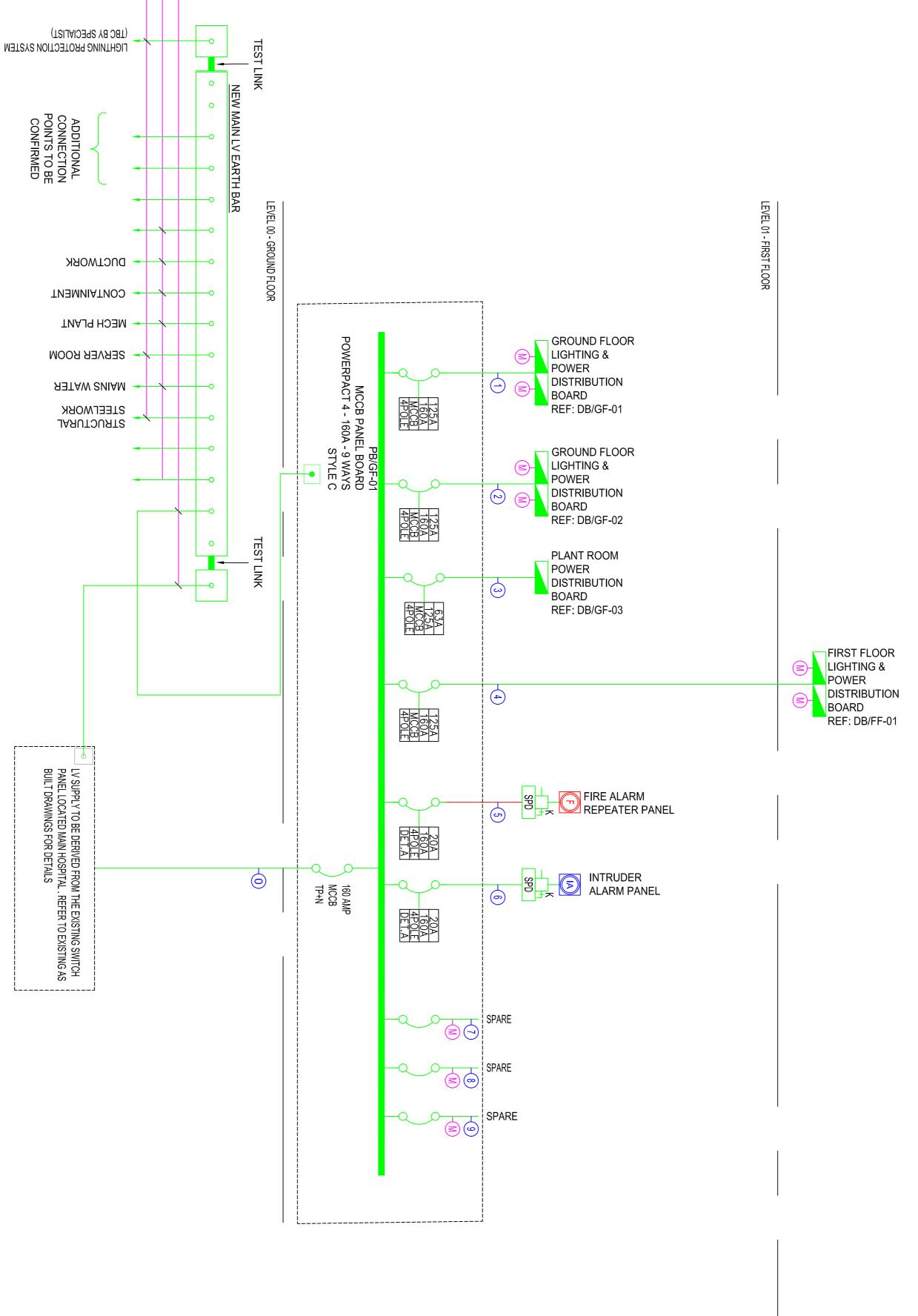
CABLE REF.	SERVING	CABLE SIZE & TYPE	CPC
C00	LV PANEL BOARD - DB/PB-01	1 x 4C 70mm² PVC/SWA/PVCS - EXISTING	35mm² GREEN/YELLOW LSZH/Cu - EXISTING
C01	POWER & LIGHTING 3-PHASE SPLIT LOAD DB - DB/GF-01	1 x 4C 35mm² XLPE/SWA/LSZH/Cu	16mm² GREEN/YELLOW LSZH/Cu
C02	POWER & LIGHTING 3-PHASE SPLIT LOAD DB - DB/GF-02	1 x 4C 35mm² XLPE/SWA/LSZH/Cu	16mm² GREEN/YELLOW LSZH/Cu
C03	POWER 1-PHASE DB - DB/GF-03	1 x 4C 16mm² XLPE/SWA/LSZH/Cu	16mm² GREEN/YELLOW LSZH/Cu
C04	POWER & LIGHTING 3-PHASE SPLIT LOAD DB - DB/FF-01	1 x 4C 35mm² XLPE/SWA/LSZH/Cu	16mm² GREEN/YELLOW LSZH/Cu
C05	FIRE ALARM REPEATER PANEL	1 x 4C 6mm² FTP120	6mm² GREEN/YELLOW FTP120
C06	INTRUDER ALARM PANEL	1 x 4C 6mm² FTP120	6mm² GREEN/YELLOW FTP120
C07	SPARE / EXISTING SERVICES		
C08	SPARE / EXISTING SERVICES		
C09	SPARE / EXISTING SERVICES		



LEVEL 03 - ROOF PLANT

TO EQUIPMENT

L\_\_\_\_\_\_



95mm² 50mm² 25mm²



LEGEND:

TP+N SPLIT LIGHTING & POWER MCB DISTRIBUTION BOARD WITH EACH SIDE SEPARATELY METERED

SP+N MCB DISTRIBUTION BOARD

FIRE RATED CABLE

MULTI-CORE Cu/XLPE/SWA/LSZH CABLE

NOTES: . У

<u>6</u>

ELECTRONIC MULTIFUNCTION
METER
'G' DENOTES GENERATION METER
'U' DENOTES UTILITY METER
"B" DENOTES MID APPROVED

1. THIS IS NOT AN INSTALLATION DRAWING.
2. THIS DRAWING SHALL BE READ IN CONJUNCTION
WITH THE STAGE 4 SPECIFICATION AND ALL RELATED
ARCHITECTS AND STRUCTURAL ENGINEERS
DRAWINGS.
3. THE ELECTRICAL INSTALLATION SHALL COMPLY IN
FULL WITH THE REQUIREMENTS OF BS
7671:2018/18TH EDITION OF THE IET WIRING
REGULATIONS, INCLUDING ALL ASSOCIATED
GUIDANCE NOTES & AMENDMENTS.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR
DETAILING & COORDINATING ASSOCIATED BUILDERS
WORK
4. THE CONTRACTOR SHALL BE INSTALLED WITH CABLE CLEATS.
ALL PANEL AND DISTRIBUTION BOARDS SHALL BE
PROVIDED WITH 25% SPARE OUTGOING WAYS AND
25% OF THE SPARE WAYS PROVIDED SHALL BE
FITTED OUT WITH FRAME AND TRIP UNITS / CPDs.
3. ALL SUB MAIN CABLING SHALL BE PROVIDED WITH
TRAFFOLYTE LABELS.
5. CONTRACTOR TO ENSURE TERMINAL SIZES
SUITABLE FOR INCOMING CABLES.
5. SPACE ALLOWANCE AND CTS C/W WIRING TO INPUT
DEVICE ONLY FOR POWER FACTOR CORRECTION.
4. THREE PHASE CABLE GLAND PLATES SHALL BE
HEX BOLTED REMOVABLE PLATES MADE FROM
ZINTEC STEEL OF MINIMUM THICKNESS OF 3mm.
GLAND PLATES FOR SINGLE CORE CABLES SHALL BE
NON-FERREOUS.
11. METER READINGS TO BE PROVIDED FROM EXISTING
WORKSHOP TO DETERMINE ELECTRICAL CAPACITY.
ELECTRICAL CONTRACTOR TO VALIDATE EXISTING
INTAKES.
12. PLEASE REFER TO DETAIL A FOR WIRING 4 POLE MCCBs
TO USE WITH SINGLE PHASE LOADS.

10.

C **₹**P

BY KW

Scale (A1)
NTS ELECTRICAL SERVICES
PROPOSED LV SCHEMATIC **NHS Trust** CTC WORKSHOP RELOCATION JULY 2023 **TENDER** STAGE 4 §S. ⋛

THIS DRAWING IS AN INDICATIVE LAYOUT ONLY. DEMONSTRATING THE CONCEPTUAL REQUIREMENTS CORRELATING WITH THE AGREED SCHEMATIC SOLUTIONS. THE PURPOSE OF THIS DRAWING IS TO DEMONSTRATE DESIGN INTENT. FOR FURTHER DEVELOPMENT BY THE RELEVANT SERVICES DESIGNER ONLY. 230114-CPW-ZZ-XX-DR-E-001001 S4 T01