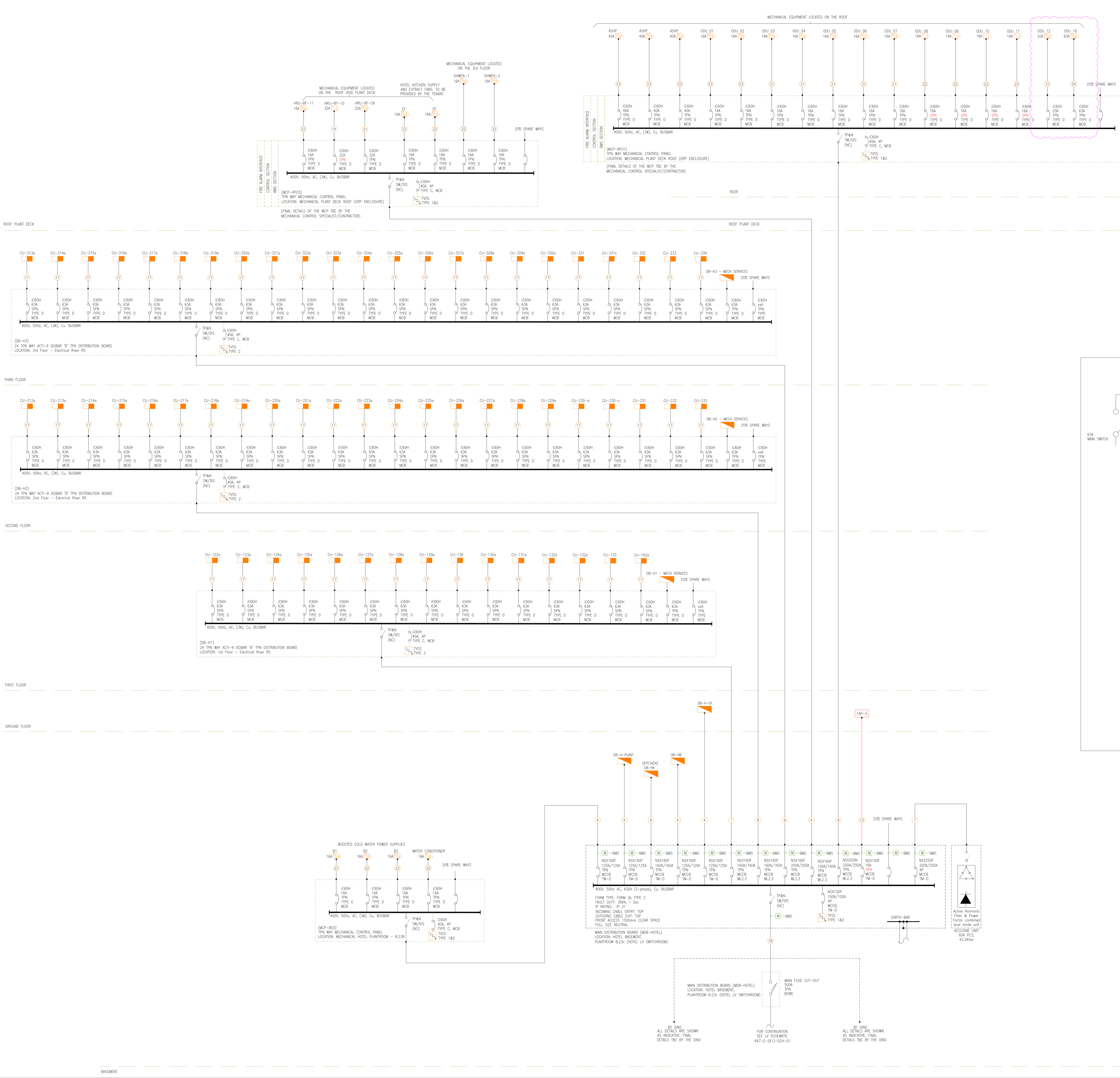




NOTES

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL OTHER DRAWINGS, SPECIFICATIONS AND SCHEDULES AND SHALL BE DEVELOPED BY THE SUB-CONTRACTOR INTO COMPLETED DESIGN/INSTALLATION DRAWINGS.

LEGEND:

- POWERSPACT PANELBOARDS-THREE PHASE C/W METERING WHERE SHOWN (FORM 3b, TYPE 2, 30KA, IP31 (WAYS AS STATED) (SCHNEIDER)
- DISTRIBUTION BOARD - THREE PHASE SPLIT METERED ACT-9 'B' TYPE DISTRIBUTION BOARD 18 & 4 SPLIT THREED POLE WAYS C/W METERS (SCHNEIDER)
- DISTRIBUTION BOARD - SINGLE PHASE ACT-9 SINGLE PHASE 'A' TYPE 14 SINGLE POLE WAYS (SCHNEIDER)
- CONSUMER UNIT (SCHNEIDER)
- THREE PHASE ISOLATOR (TPN) WP-4 WEATHERPROOF (PES)
- SINGLE PHASE ISOLATOR (SPN)
- CABLE SIZE SEE CABLE SCHEDULE FOR FINAL SIZE AND TYPE
- DIGITAL MULTI-FUNCTION METER CONNECTED TO THE BMS VIA MODBUS
- DIGITAL MULTI-FUNCTION METER (MMD APPROVED) CONNECTED TO THE BMS VIA MODBUS
- HARMONIC FILTER AND POWER FACTOR CORRECTION CONNECTED DUAL MODE UNIT (ACCUSINE PCSN SCHNEIDER UNIT)

BREAKER KEY:

- CIRCUIT BREAKER
- FAMILY TYPE (OVERCURRENT PROTECTIVE DEVICE)
- NSxxxkVxxk/xxkA
- SETTING (kA)
- OVERLOAD SETTING (kA)
- 4P
- TPN
- THREE PHASE & NEUTRAL
- SPN
- SINGLE PHASE & NEUTRAL
- WCB
- MOLDED CASE CIRCUIT BREAKER
- WCB
- MINIATURE CIRCUIT BREAKER
- ML
- MICROLOGIC BREAKER
- TM-D
- THERMAL MAGNETIC BREAKER

TRANSIENT VOLTAGE SURGE SUPPRESSION DEVICES (TYPE AS STATED)
(To be of the same manufacturer as the Circuit Protective Devices)

FAP-5 FIRE ALARM PANEL (SEE FIRE ALARM SCHEMATIC)

SWITCH DISCONNECTOR (N/C)-NORMALLY CLOSED

NOTES:

WHEN THE GUESTROOM ACCESS CARD IS REMOVED FROM THE CARD (VINCARD) READER/HOLDER, ALL POWER TO THE CIRCUITS SHALL BE DISCONNECTED EXCEPT THE FOLLOWING:

- FCU SUPPLY UNIT
- FRIDGE WIRING

ELECTRICAL LEGEND - CONSUMER UNIT

- CARD READER (VINCARD)/ HOLDER
- CONTACTOR
- AFDD
- ARC FAULT DETECTION DEVICE
- RCBO
- RESIDUAL CURRENT BREAKER WITH OVER-CURRENT PROTECTION

NOTES:

- 1.5mm², 2-CORE & CPC, CU/XLPE/LSZH, 90°C THERMOSETTING LSF, FLAT TRIN & EARTH CABLE WITH CPC (INSULATION COLOUR: BROWN/BLUE, SHEATH COLOUR: WHITE) COMPLY WITH BS 7211, BE EN 50527, BS EN 50588 & BS EN 50600
- 2.5mm², 2-CORE & CPC, CU/XLPE/LSZH, 90°C THERMOSETTING LSF, FLAT TRIN & EARTH CABLE WITH CPC (INSULATION COLOUR: BROWN/BLUE, SHEATH COLOUR: WHITE) COMPLY WITH BS 7211, BE EN 50527, BS EN 50588 & BS EN 50600

Revision Description

13.04.22	TENDER ISSUE	T5	AL	SEI
07.02.22	TENDER ISSUE	T4	AL	IS
24.11.21	BUILDING LAYOUT UPDATED LV SCHEMATIC AMENDED TO SUIT INCORPORATES INTERIOR DESIGNER COMMENTS	T3	AL	IS
03.04.21	TENDER ISSUE	T2	HB	SEI
21.05.20	TENDER ISSUE	T1	HB	SEI
16.04.21	PRELIMINARY	P1	HB	FR

Date: Description Rev: Des: Cld

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Project: **LONDON ROAD FIRE STATION
FIRE STATION, LONDON ROAD,
MANCHESTER, M1**

Drawing Title: **ELECTRICAL SERVICES
PROPOSED
LV SCHEMATIC - HOTEL**

Date:	Design By:	Drawn By:	Scale:
08.03.21	FR	HW	NTS

Issue Status: **TENDER**

Drawing Number: **647-E-1611-SCH-02**

Rev: **T5**

XBET Updated on: NA

DRAWING TO BE READ WITH CONSOLUX SPECIFICATION

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