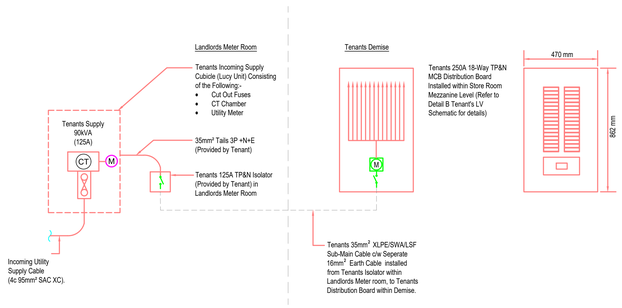
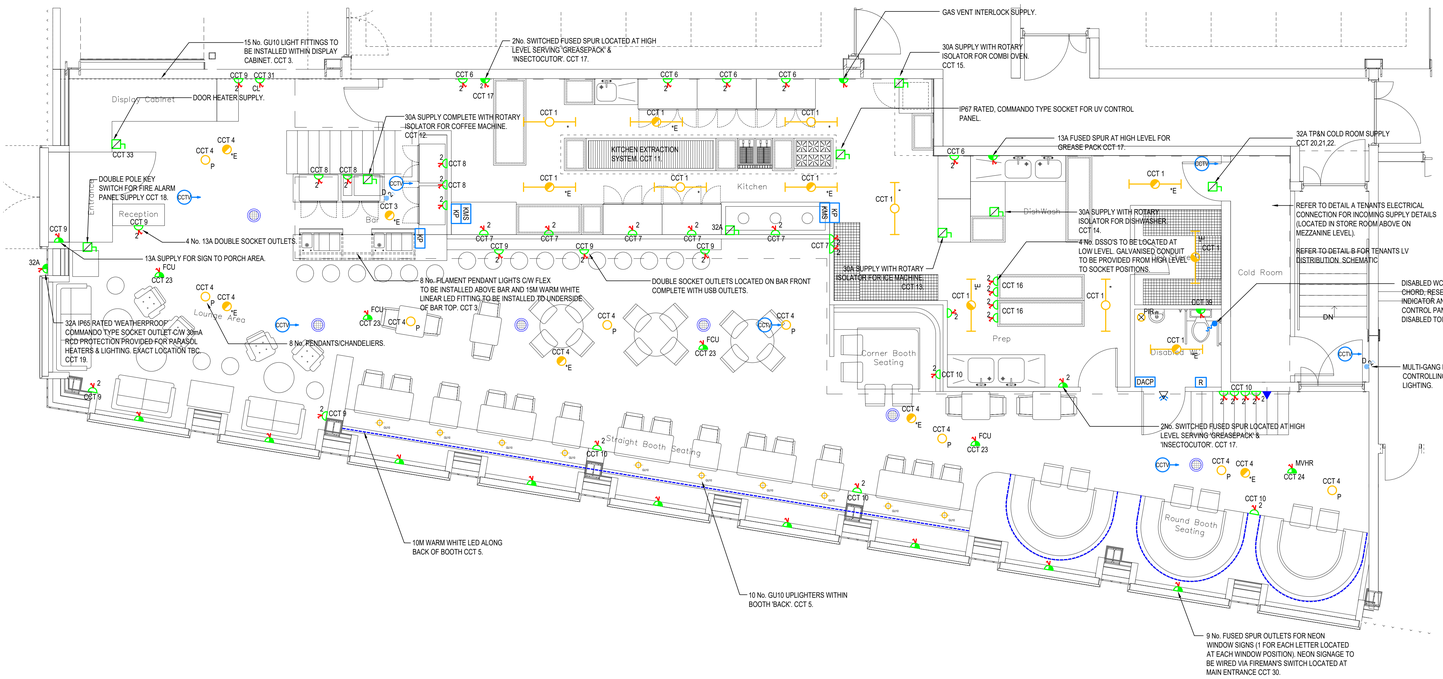


A DETAIL
TENANT'S ELECTRICAL CONNECTION DETAIL

NTS

B DETAIL
TENANT'S ELECTRICAL LV SCHEMATIC

NTS



CABLE SCHEDULE						
Ref	MCB	Cable Type	SP&N/TP&N	mm²	Installation Method	Supplying
1	10A	LSF Singles - 6491B	SP&N	1.5	Trunking/Conduit	Kitchen Lighting
2	10A	LSF Singles - 6491B	SP&N	1.5	Trunking/Conduit	Mezzanine Lighting
3	10A	LSF Singles - 6491B	SP&N	1.5	Trunking/Conduit	GF Display Lighting
4	10A	LSF Singles - 6491B	SP&N	1.5	Trunking/Conduit	Bar Area Lighting
5	10A	LSF Singles - 6491B	SP&N	1.5	Trunking/Conduit	Display Lighting
6	32A	LSF Singles - 6491B	SP&N	2.5	Trunking/Conduit	Kitchen Ring Main
7	32A	LSF Singles - 6491B	SP&N	2.5	Trunking/Conduit	Kitchen Ring Main
8	32A	LSF Singles - 6491B	SP&N	2.5	Trunking/Conduit	Bar Area Ring Main
9	32A	LSF Singles - 6491B	SP&N	2.5	Trunking/Conduit	Ground Floor Ring Main
10	32A	LSF Singles - 6491B	SP&N	2.5	Trunking/Conduit	Ground Floor Ring Main
11	32A	LSF Singles - 6491B	SP&N	4.0	Trunking/Conduit	Kitchen Extract System
12	32A	LSF Singles - 6491B	SP&N	4.0	Trunking/Conduit	Coffee Machine
13	32A	LSF Singles - 6491B	SP&N	4.0	Trunking/Conduit	Ice Machine
14	32A	LSF Singles - 6491B	SP&N	4.0	Trunking/Conduit	Kitchen Dishwasher
15	32A	LSF Singles - 6491B	SP&N	4.0	Trunking/Conduit	Kitchen Combi-Oven
16	32A	LSF Singles - 6491B	SP&N	2.5	Trunking/Conduit	Kitchen Ring Main
17	16A	LSF Singles - 6491B	SP&N	2.5	Trunking/Conduit	Kitchen Fused Spur's
18	16A	FP200-Enhanced	SP&N	2.5	Cable Tray	Fire Alarm Panel
19	32A	XLPE/SWA/LSF	SP&N	4.0	Cable Tray	External SIO
20						
21	32A	LSF Singles - 6491B	TP&N	4.0	Trunking/Conduit	Kitchen Cold Room
22						
23	20A	LSF Singles - 6491B	SP&N	4.0	Trunking/Conduit	Fan Coil Units (GF)
24	20A	LSF Singles - 6491B	SP&N	4.0	Trunking/Conduit	MVHR Unit
25	20A	LSF Singles - 6491B	SP&N	4.0	Trunking/Conduit	Fan Coil Units (Mezz)
26	20A	LSF Singles - 6491B	SP&N	4.0	Trunking/Conduit	ESP Units
27	10A	LSF Singles - 6491B	SP&N	1.5	Trunking/Conduit	Mezzanine Lighting
28	20A	LSF Singles - 6491B	SP&N	4.0	Trunking/Conduit	Toilet Hand Dryers
29	10A	LSF Singles - 6491B	SP&N	1.5	Trunking/Conduit	Toilet Lighting
30	16A	LSF Singles - 6491B	SP&N	2.5	Trunking/Conduit	Sign Fused Spurs
31	32A	LSF Singles - 6491B	SP&N	2.5	Trunking/Conduit	Cleaners S/O (Mezz)
32	32A	LSF Singles - 6491B	SP&N	2.5	Trunking/Conduit	Mezzanine Ring Main
33	32A	LSF Singles - 6491B	SP&N	4.0	Trunking/Conduit	Hot Cupboard & Gantry
34	16A	LSF Singles - 6491B	SP&N	2.5	Trunking/Conduit	Disabled WC Alarm
35	16A	LSF Singles - 6491B	SP&N	2.5	Trunking/Conduit	Toilet Extract Fans
36	16A	LSF Singles - 6491B	SP&N	2.5	Trunking/Conduit	Immersion Heater
37	16A	LSF Singles - 6491B	SP&N	2.5	Trunking/Conduit	Immersion Heater
38	16A	LSF Singles - 6491B	SP&N	2.5	Trunking/Conduit	DHWR Pump
39	16A	LSF Singles - 6491B	SP&N	2.5	Trunking/Conduit	Pump Unit Disabled WC
40	32A	XLPE/SWA/LSF	SP&N	4.0	Cable Tray	External Condenser
41	32A	XLPE/SWA/LSF	SP&N	4.0	Cable Tray	External Condenser
42	32A	XLPE/SWA/LSF	SP&N	4.0	Cable Tray	External Condenser
43	20A	XLPE/SWA/LSF	SP&N	2.5	Cable Tray	External Condenser
44						
45	32A	XLPE/SWA/LSF	TP&N	4.0	Cable Tray	Kitchen Ventilation Control Panel
46						
47	SPARE					
48	SPARE					
49	SPARE					
50	SPARE					
51	SPARE					
52	SPARE					
53	SPARE					
54	SPARE					

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This drawing shall be read in conjunction with the CWC Mechanical and / or Electrical Specification(s).
DO NOT SCALE FROM THIS DRAWING

DESIGNERS RISK ASSESSMENT

REFER TO APPENDIX 1 OF M&E SPECIFICATION FOR DESIGNERS RISK ASSESSMENT SCHEDULE

DRAWING BACKGROUND(S):

NOTES

1. Electrical Supply Details

   The provision for the tenant's electrical supply is 400V 3-Phase, 90KVA and shall terminate into a utility cut out and meter module unit located in the ground floor LV switch room.
   The utility cut out and meter modules shall provide a connection for tenants to enable their preferred utility service supplier to provide an energy meter.

2. Data / Comms

   Containment provisions are provided within the ground floor service rooms for incoming supplies. Incoming comms / data services, telephone lines, ICT structured cabling will be provided direct by the tenant.

3. Broadband

   Containment provisions are provided within the ground floor service rooms for incoming supplies. No broadband apparatus or cabling is installed and the tenant is advised to make direct enquiries with the telecom organisations to arrange a suitable broadband service.

4. Fire Alarm

   The tenant shall provide a full fire alarm system within their demise, it shall be in compliance with BS 5839-1:2017 and have an interface to signal a fire / fault alarm to the landlord's fire alarm system.
   This interface shall be demonstrated by the Tenants Fire Alarm Specialist with the Landlords Fire Alarm Specialist Installer present.

5. All plant and equipment shall be installed to manufacturers recommendations, allowing full access for testing, commissioning, maintenance, removal and replacement.

6. The precise location of all equipment shall be co-ordinated with other mep services and architect details.

LEGEND

SYMBOL	DESCRIPTION
	1500mm LED surface mounted luminaire c/w Polycarbonate Diffuser & 3hr emergency Battery back-up
	1500mm LED surface mounted luminaire c/w Polycarbonate Diffuser
	ETCH WEB Pendant Brass/Steel
	Emergency LED luminaire c/w 3hr Battery Back-up
	GU10 Uplighter
CCTV	CCTV Camera
	Speaker for Sound System
	13A Double Socket Outlet
	Isolator (Rating as Indicated)
DACP	Disabled Toilet Alarm Panel
	13A Fused Connection Unit
	Disabled Toilet Alarm Pull Cord
R	Disabled Toilet Alarm Reset
	Disabled Toilet Alarm Sounder/Beacon
	LED Strip Lighting
	Data Outlet 'x' Devices Gang
SP	Kitchen Printer Position. Double Data Outlet And Switched Fused Spur To Be Provided At Each Position
KMS	Kitchen Management Screen. Double Data Outlet And Switched Fused Spur To Be Provided At Each Location.
	2-Way Dimmer Switch 'x' Devices Gang

Rev	Date	Description	Eng	Chk
T1	24.04.18	TENDER ISSUE	RJ	SW
P2	29.03.18	PRELIMINARY ISSUE	RJ	SW
P1	09.03.18	PRELIMINARY ISSUE	RJ	SW

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Website: www.cwcon.co.uk

Client
RIBEYE STEAKHOUSE

Project
FIRST STREET
BUILDING 8
UNIT 1A

Drawing Title
GROUND FLOOR
SMALL POWER
AND LIGHTING

Status
TENDER

Project No.	Drawn	Scale / Paper Size
1663	RJ	1:100 @ A0

Drawing No. 1663-GF-6001
Rev T1