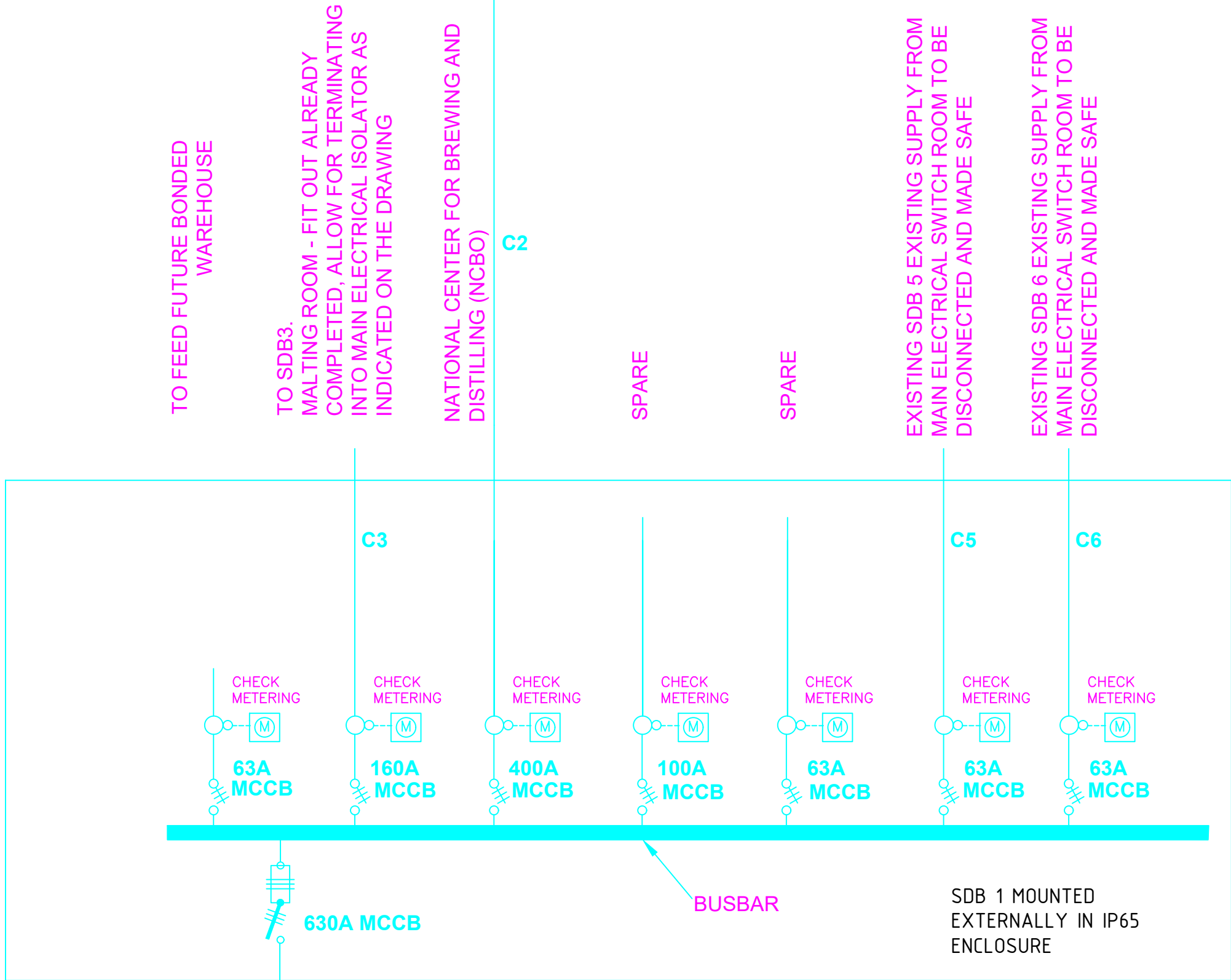
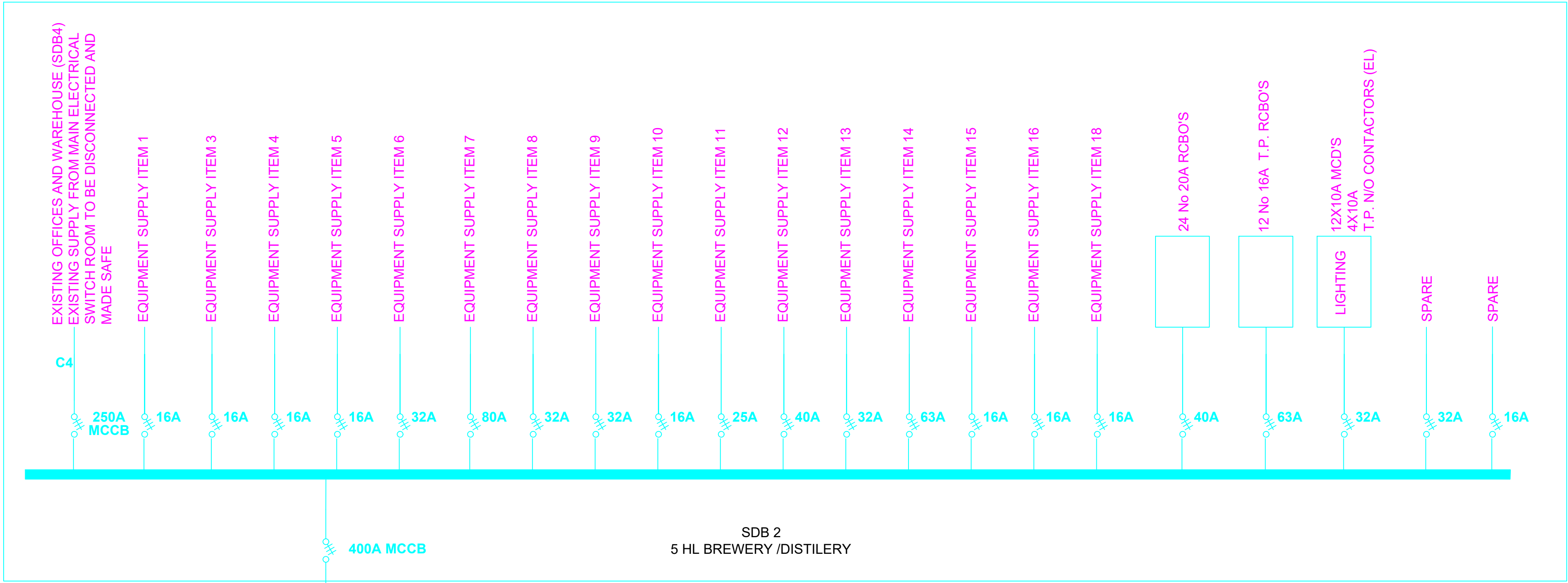




CABLE SCHEDULE (CABLES XLPE/LSZH/SWA/LSZH)	
C1	6 X 4 X 150MM ² + 3 X 150MM ² CPC
C2	2 X 4 X 150MM ² + 1 X 150MM ² CPC
C3	1 X 4 X 95MM ² + 1 X 50MM ² CPC
C4	1 X 4 X 70MM ² + 1 X 35MM ² CPC
C5	1 X 4 X 10MM ² + 1 X 4MM ² CPC
C6	1 X 4 X 10MM ² + 1 X 4MM ² CPC
40A EQUIPMENT SUPPLY	1 X 4 X 16MM ² + 1 X 66MM ² CPC
32A EQUIPMENT SUPPLY	1 X 4 X 10MM ² + 1 X 10MM ² CPC
20A EQUIPMENT SUPPLY	1 X 4 X 6MM ² + 1 X 6MM ² CPC
16A EQUIPMENT SUPPLY	1 X 4 X 4MM ² + 1 X 4MM ² CPC
32A 1Ø EQUIPMENT SUPPLY	1 X 3 X 10MM ² + 1 X 10MM ² CPC
20A 1Ø EQUIPMENT SUPPLY	1 X 3 X 6MM ² + 1 X 6MM ² CPC

ELECTRICAL CONTRACTOR TO ALLOW FOR THE SUPPLY OF A TEMPORARY 300KVA CONTINUOUSLY RATED GENERATOR TO TEST AND COMMISSION EQUIPMENT IN THE MALTING ROOM AND NATIONAL CENTER FOR BREWING AND DISTILLING. GENERATOR TO BE HIRED FOR A TWO WEEK PERIOD. CONTRACTOR TO MAKE PROVISION FOR FUEL FOR THIS DURATION. CONTRACTOR TO ALLOW FOR DELIVERY TO SITE ALL NECESSARY TEMPORARY CABLING AND ATTENDANCE AS NECESSARY.

##### MCCB	SIEMENS 3VL SERIES SENTRON MCCB C/W ELECTRONIC TRIP REF ETU20. 3 POLE RATED AS INDICATED 50KA OF FIXED CONFIGURATION
##### FUSE	SOCOMEF FUSE COMBINATION SWITCH RATING AS INDICATED NH FUSE TYPE 3 POLE
##### CONTACTOR	SIEMENS 3RT SERIES 3P CONTACTOR AC3 RATED AS INDICATED
##### METER	MULTI FUNCTION ENERGY METER DEVICE C/W METERING MODULE GIVING 2 PROGRAMMABLE PULSE OUTPUTS KWH. SOCOMEF TYPE DIRIS 48250000 METERING MODULE 48250090
##### CONTROLS	AUTOMATIC MAINS FAILURE CONTROLS PHASE FAILURE RELAY TYPE MIQUEL TCP-V LED INDICATION OF POWER & CONTACT. MULTI FUNCTION TIMERS TYPE MIQUEL TM21 2 POLE WITH LED INDICATION OF POWER & CONTACT.
##### MCB BOARD	MCB BOARD
##### REMOTE PANIC BUTTON	REMOTE PANIC BUTTON
##### H/O/A	Hand/Off/Auto Switch
##### Ammeter	Ammeter
##### Voltmeter	Voltmeter
##### Power Factor Meter	Power Factor Meter
##### E.S.B. Meter	E.S.B. Meter
##### Current Transformer	Current Transformer
##### No Volt Contactor with Manual Key Switch Re-Set	No Volt Contactor with Manual Key Switch Re-Set

T01	07.09.26	TENDER ISSUE
T	16.07.26	TENDER ISSUE
Rev	Date	Amendments
ISO 9001:2015 QUALITY MANAGEMENT SYSTEM LEED GREEN ASSOCIATE 7 Patrick Street Kilkenny Telephone 056 7721115 Email info@lawlerconsulting.com Web www.lawlerconsulting.com LAWLER CONSULTING		
Title		
5 HL BREWERY /DISTILERY		
POWER DISTRIBUTION SCHEMATIC		
Drawn by.	Scale.	Date.
LI	1:50@A1	JULY26
Checked by.	Drawing no.	
RB	1811-E300	