OUR TOWN HALL PROJECT

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Revision History:

REV.	DATE	DESCRIPTION OF CHANGE
P01	28/08/2019	Issue for Comment
P02	30/08/2019	Issue for Tender
P03	29/10/2020	Issued for Stage 5
P04	20/04/2021	Issued for Stage 5
P05	04/06/2024	DB Schedule Update

Not Confidential - Internal

PB-01-01 DISTRIBUTION BOARD SCHEDULE

NG Bailey

NICEIC Cert. No. REV Sheet 1 of 2

CONTRACT NAME	Our Town Hall	DB REF	PB-01-01
DB LOCATION	01-039	SUPPLY FROM	SB-01-01

No. OF PHASES	3	No. OF WAYS	12	CURRENT RATING	400 A	NOMINAL VOLTAGE	400 V

OVERCURRENT PROTECTIVE DEVICE

TYPE BS(EN)	MCCB - 60947-2	RATING (A)	400	RCD Nº OF POLES	N/A	IΔn	N/A	mA

CIRCUIT DETAILS

CIRCUIT REF	CIRCUIT DESIGNATION	INSTALLATION DETAILS					MAX DISC TIME	OVERCURRENT PROTECTIVE DEVICE				RCD	Max Zs
Equipment vulnerable to test * / High Protective Conductor Current **	△ Caution Appropriate measures, detailed in BS 7671, must be taken when modifying circuits having a high Protective Conductor Current. Indicate Circuits with Arc Fault Detection Device (AFDD)	WIRING TYPE ##	REF METHOD #	NUMBER OF POINTS SERVED	CABLE SIZE (mm2) PH	CABLE SIZE (mm2) CPC	SEC	Max Zs Figures as Per Manufacturer's Values (Schneider Electric) BS (EN)	TYPE	A	kA	mA	Ω
1/L1													
1/L2	DB-01-06 (Room 01-039)	G	E	1	35	SWA	5	60947-2	N/A	125	50	N/A	0.150
1/L3													
2/L1													
2/L2	Cooking Centre	G	E	1	10	SWA	5	60947-2	N/A	40	50	N/A	0.61
2/L3													
3/L1													
3/L2	Cooking Centre	G	E	1	35	SWA	5	60947-2	N/A	125	50	N/A	0.15
3/L3													
4/L1													
4/L2	Cooking Centre	G	E	1	35	SWA	5	60947-2	N/A	125	50	N/A	0.15
4/L3													
5/L1													
5/L2													
5/L3	Walk in Freezer	G	E	1	6	SWA	0.4	60947-2	N/A	20	50	N/A	0.48
6/L1													
6/L2	Cold Room	G	E	1	6	SWA	0.4	60947-2	N/A	16	50	N/A	1.01
6/L3													
7/L1													
7/L2	Walk in Fridge	G	E	1	6	SWA	0.4	60947-2	N/A	16	50	N/A	1.01
7/L3													
8/L1													
8/L2	Blast Chiller External Condenser	G	E	1	10	SWA	0.4	60947-2	N/A	32	50	N/A	0.48
8/L3													

FOR WIRING TYPE SEE BELOW. # FOR INSTALLATION REFERENCE METHODS SEE TABLE 4A2 of BS 7671

A	B	C	D	E	F	G	H	I	OTHER
PVC/PVC CABLES	LSF CABLES IN METAL CONDUIT	LSF CABLES IN NON METALLIC CONDUIT	LSF CABLES IN METAL TRUNKING	LSF CABLES IN NON METALLIC TRUNKING	PVC/SWA CABLES	XLPE/SWA CABLES	MICC / FIRE RESISTANT CABLES	ALUMINIUM TUBED LSF SHEATHED CABLE	

NG Bailey

PB-01-01 DISTRIBUTION BOARD SCHEDULE

NICEIC Cert. No. REV Sheet 2 of 2

CONTRACT NAME	Our Town Hall	DB REF	PB-01-01

CIRCUIT DETAILS

CIRCUIT REF	CIRCUIT DESIGNATION	INSTALLATION DETAILS					MAX DISC TIME	OVERCURRENT PROTECTIVE DEVICE				RCD	Max Zs
Equipment vulnerable to test * / High Protective Conductor Current **	△ Caution: Appropriate measures, detailed in BS 7671, must be taken when modifying circuits having a high Protective Conductor Current. Indicate Circuits with Arc Fault Detection Device (AFDD)	WIRING TYPE ##	REF METHOD #	NUMBER OF POINTS SERVED	CABLE SIZE (mm2) PH	CABLE SIZE (mm2) CPC	SEC	BS (EN)	TYPE	A	kA	mA	Ω
9/L1													
9/L2	Cooking Centre	G	E	1	25	SWA	5	60947-2	N/A	80	50	N/A	0.30
9/L3													
10/L1													
10/L2	Twin Fryer	G	E	1	10	SWA	5	60947-2	N/A	63	50	N/A	0.46
10/L3													
11/L1													
11/L2													
11/L3													
12/L1													
12/L2													
12/L3													

FOR WIRING TYPE SEE BELOW. # FOR INSTALLATION REFERENCE METHODS SEE TABLE 4A2 of BS 7671

A	B	C	D	E	F	G	H	I	OTHER
PVC/PVC CABLES	LSF CABLES IN METAL CONDUIT	LSF CABLES IN NON METALLIC CONDUIT	LSF CABLES IN METAL TRUNKING	LSF CABLES IN NON METALLIC TRUNKING	PVC/SWA CABLES	XLPE/SWA CABLES	MICC / FIRE RESISTANT CABLES	ALUMINIUM TUBED LSF SHEATHED CABLE	