OUR TOWN HALL PROJECT

Document Name: DB-GF-02 Distribution Board Schedule

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Status: S4 – Suitable for Construction

Document Type: Schedules

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	04/06/2024	DB Schedule Update

Not Confidential - Internal

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DB-GF-02 DISTRIBUTION BOARD SCHEDULE

NICEIC Cert. No.					REV		Sheet 1 of 2
CONTRACT NAME	Our Town Hall			**DB REF**	DB-GF-02		
DB LOCATION	GF-031			**SUPPLY FROM**	BB-ZZ-02		
No. OF PHASES	3 (Split Metered)	**No. OF WAYS**	8/14	**CURRENT RATING**	125 **A**	**NOMINAL VOLTAGE**	400 **V**

OVERCURRENT PROTECTIVE DEVICE								
TYPE BS(EN)	MCCB - 60947-2	**RATING (A)**	100	**RCD N° 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 *	△ Caution Appropriate measures, detailed in BS 7671, must be taken when modifying circuits having a high Protective Conductor Current.	WIRING TYPE ##	REF METHOD #	NUMBER OF POINTS SERVED	CABLE SIZE (mm2)			Max Zs Figures as Per Manufacturer's Values (Schneider Electric)					
High Protective Conductor Current **	Indicate Circuits with Arc Fault Detection Device (AFDD)				PH	CPC	SEC	BS (EN)	TYPE	A	kA	mA	Ω
1/L1	Lighting - Room GF-031 & GF-032	O	E	7	1.5	Sheath	0.4	60898	B	10	10	N/A	4.55
1/L2	Lighting - Walk in Fridge	O	E	1	1.5	Sheath	0.4	60898	B	10	10	N/A	4.55
1/L3	Cleaners Socket	O	E	2	2.5	Sheath	0.4	61009	B	20	10	30	2.28
2/L1													
2/L2	Rational	G	E	1	6	SWA	0.4	60898	B	32	10	N/A	1.42
2/L3													
3/L1													
3/L2	Rational	G	E	1	6	SWA	0.4	60898	B	32	10	N/A	1.42
3/L3													
4/L1	Scan Boxes	O	E	1	4	Sheath	0.4	61009	B	32	10	30	1.42
4/L2													
4/L3	Hand Dryer	O	E	1	2.5	Sheath	0.4	61009	B	16	10	30	2.85
5/L1	Fridge	O	E	1	2.5	Sheath	0.4	61009	B	16	10	30	2.85
5/L2	General Sockets	O	E	2	2.5	Sheath	0.4	61009	B	32	10	30	1.42
5/L3	General Sockets	O	E	1	2.5	Sheath	0.4	61009	B	32	10	30	1.42
6/L1	Refrigerated Prep Counter and Hot Cupboard	O	E	2	2.5	Sheath	0.4	61009	B	16	10	30	2.85
6/L2	Reco Unit	O	E	1	2.5	Sheath	0.4	60898	B	16	10	N/A	2.85
6/L3	Condenstate Pump	O	E	1	2.5	Sheath	0.4	60898	B	16	10	N/A	2.85
7/L1	General Sockets	O	E	1	2.5	Sheath	0.4	61009	B	32	10	30	1.42
7/L2	Hot Water Boiler	O	E	1	2.5	Sheath	0.4	61009	B	16	10	30	2.85
7/L3	Fridge Control Panel	O	E	1	4	Sheath	0.4	60898	B	20	10	N/A	2.28
8/L1	General Sockets	O	E	2	2.5	Sheath	0.4	61009	B	32	10	30	1.42
8/L2	General Sockets	O	E	2	2.5	Sheath	0.4	61009	B	32	10	30	1.42
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	PRYSMIAN LSX INSTALLED IN CABLE BASKET, METAL TRUNKING, OR LOOSE LAID IN VOIDS

NG Bailey

DISTRIBUTION BOARD SCHEDULE

NICEIC Cert. No. REV Sheet 2 of 2

CONTRACT NAME	Our Town Hall	DB REF	DB-GF-02

CIRCUIT DETAILS

CIRCUIT REF	CIRCUIT DESIGNATION	INSTALLATION DETAILS					MAX DISC TIME	OVERCURRENT PROTECTIVE DEVICE				RCD	Max Zs
Equipment vulnerable to test *	△ Caution	WIRING TYPE ##	REF METHOD #	NUMBER OF POINTS SERVED	CABLE SIZE (mm2)								
High Protective Conductor Current **	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)				PH	CPC	SEC	BS (EN)	TYPE	A	kA	mA	Ω
9/L1													
9/L2	Walk in Fridge External Condenser	G	E	1	4	SWA	0.4	60898	B	16	10	N/A	2.85
9/L3													
10/L1													
10/L2													
10/L3													
11/L1													
11/L2													
11/L3													
12/L1													
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