OUR TOWN HALL PROJECT

Document Name: DB-01-02 Distribution Board Schedule

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Status: S4 – Suitable for Construction

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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

DB-01-02 DISTRIBUTION BOARD SCHEDULE

NG Bailey

NICEIC Cert. No. REV Sheet 1 of 1

CONTRACT NAME	Our Town Hall			**DB REF**	DB-01-02		
DB LOCATION	01-008			**SUPPLY FROM**	BB-ZZ-05		
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 Nº OF POLES**	N/A	**IΔn**	N/A	**mA**

CIRCUIT DETAILS

CIRCUIT REF	**CIRCUIT DESIGNATION**	**INSTALLATION DETAILS**					**MAX DISC TIME**	**OVERCURRENT PROTECTIVE DEVICE** Max Zs Figures as Per Manufacturer's Values (Schneider Electric)				**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**
1/L1													
1/L2													
1/L3													
2/L1	Lighting - 01-007	O	E	4	1.5	Sheath	0.4	60898	B	10	10	N/A	4.55
2/L2	Hand Dryer	O	E	2	2.5	Sheath	0.4	61009	B	16	10	30	2.85
2/L3	Cleaners Socket	O	E	2	2.5	Sheath	0.4	61009	B	20	10	30	2.28
3/L1	Coffee Brewer	G	E	1	6	SWA	0.4	60898	B	32	10	N/A	1.42
3/L2													
3/L3													
4/L1	General Sockets	O	E	4	2.5	Sheath	0.4	61009	B	32	10	30	1.42
4/L2	Hot Water Boiler	O	E	1	4	SWA	0.4	61009	B	20	10	30	2.28
4/L3	Fridge	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	Refrigerated Prep Counter	O	E	1	2.5	Sheath	0.4	61009	B	16	10	30	2.85
5/L3	Scan Boxes	O	E	1	4	Sheath	0.4	61009	B	32	10	30	1.42
6/L1	Water Filtration Unit	O	E	1	2.5	Sheath	0.4	61009	B	16	10	30	2.85
6/L2	Hot Cupboard	O	E	1	2.5	Sheath	0.4	61009	B	16	10	30	2.85
6/L3													
7/L1	MVHR 20 Fan Motor	O	E	1	2.5	Sheath	0.4	60898	C	16	10	N/A	1.42
7/L2	MVHR 20	G	E	1	4	SWA	5	60898	C	40	10	N/A	1.03
7/L3	Ice Machine	O	E	1	2..5	Sheath	0.4	61009	B	16	10	30	2.85
8/L1	Glass Washer	G	E	1	10	SWA	5	60898	B	45	10	N/A	0.97
8/L2													
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