OUR TOWN HALL PROJECT

Document Name: DB-GF-08 Distribution Board Schedule

Document Ref: OTH-HAK-TH-GF-SCH-V-0005

Status: S3 – Suitable for Review and Comment

Document Type: Schedules

Revision History:

REV.	DATE	DESCRIPTION OF CHANGE
P01	28/08/2019	Issue for Comment

Not Confidential - Internal

DB-GF-08 DISTRIBUTION BOARD SCHEDULE

NG Bailey

NICEIC Cert. No. REV Sheet 1 of 2

CONTRACT NAME	Our Town Hall	DB REF	DB-GF-08
DB LOCATION	GF-C01k	SUPPLY FROM	BB-ZZ-04

No. OF PHASES	3 (Split Metered)	No. OF WAYS	8/8	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	Arup Lighting Circuit Allowance	O	B										
1/L2	Arup Lighting Circuit Allowance	O	B										
1/L3	Arup Lighting Circuit Allowance	O	B										
2/L1	Cleaners Socket	O	E	1	2.5	Sheath	0.4	61009	B	20	10	30	2.28
2/L2	Scan Boxes	O	E	1	2.5	Sheath	0.4	61009	B	32	10	30	1.42
2/L3	General Sockets	O	E	1	2.5	Sheath	0.4	61009	B	32	10	30	1.42
3/L1	General Sockets	O	E	1	2.5	Sheath	0.4	61009	B	32	10	30	1.42
3/L2													
3/L3													
4/L1													
4/L2													
4/L3													
5/L1													
5/L2													
5/L3													
6/L1													
6/L2													
6/L3													
7/L1													
7/L2													
7/L3													
8/L1													
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