

DISTRIBUTION BOARD SCHEDULE

Project : Elmestead Community Centre			Purpose of Issue: Tender			Date: Oct-25			Issue: 1							
Mechanical Three Phase & Neutral Distribution Board Details																
DB Ref : M		DB Location: Plant room					Supplied From: LV MCCB Panelboard									
DB Type: B		No. Of Phases: 3		Number of Ways: 12			Rated Current: 125A			Rated Voltage: 400 / 230V						
Incomer - Overcurrent Protective Device																
Type of Device: Switch Disconnecter			Rating (A): 125A			RCD N° of Poles: N/A			IΔn N/A mA							
Circuit Configuration																
Circuit Designation					Installation Details				Circuit Details							
CCT No.	Circuit Description				Wiring Type	Method	No.of Points	Cable Size (mm²)		Max Disc. Time	Overcurrent Protective Device				R C D	Max Zs
								PH	CPC		Secs	BS (EN)	Type	A		
1L1	Ring Circuit - Pump 1				D	D/5	5	2.5	1.5	0.4	61009	C	20	10	30	1.09
1L2	Radial Circuit - Pump 2				D	D/5	3	2.5	1.5	0.4	61009	C	20	10	30	1.09
1L3	Radial Circuit - Pump 3				D	D/5	1	2.5	1.5	0.4	61009	C	20	10	30	1.09
2L1	Radial Circuit - Pump 4				D	D/5	1	2.5	1.5	0.4	61009	C	20	10	30	1.09
2L2	Radial Circuit - HWC IMM1				D	D/5	1	4	2.5	0.4	61009	C	20	10	30	1.09
2L3	Radial Circuit - UFH Manifold				D	D/5	1	2.5	1.5	0.4	61009	B	20	10	30	2.19
3L1	Ring Circuit - UFH Manifold				D	D/5	1	2.5	1.5	0.4	61009	C	20	10	30	1.09
3L2	Ring Circuit - HWC IMM2				D	D/5	1	4	2.5	0.4	61009	C	20	10	30	1.09
3L3	Lighting Circuit - EWH Male WC				D	D/5	1	4	2.5	0.4	61009	C	20	10	30	1.09
4L1	Radial Circuit - EWH DIS WC				D	D/5	1	4	2.5	0.4	61009	C	20	10	30	1.09
4L2	Radial Circuit - EWH Female WC				D	D/5	1	4	1.5	0.4	61009	C	20	10	30	1.09
4L3	Radial Circuit - Hot Water Boiler				D	D/5	1	4	2.5	0.4	61009	C	20	10	30	1.09
5L1	Ring Circuit - EWH Kitchen				D	D/5	1	2.5	1.5	0.4	61009	C	20	10	30	1.09
5L2	Radial Circuit - AHU 01				D	D/3	1	2.5	1.5	0.4	61009	C	20	10	30	1.09
5L3	Ring Circuit - AHU 02				D	D/5	1	2.5	1.5	0.4	61009	C	20	10	30	1.09
6L1	Radial Circuit - AHU 03				D	D/5	1	4	2.5	0.4	61009	C	20	10	30	1.09
6L2	Radial Circuit - Ahu 04				D	D/5	1	4	1.5	0.4	61009	C	20	10	30	1.09
6L3	Radial Circuit - AHU 05				D	D/5	1	4	2.5	0.4	61009	C	20	10	30	1.09
7L1	Radial Circuit - Electric Panel HTR Kitch				D	D/5	1	2.5	1.5	0.4	61009	C	20	10	30	1.09
7L2	Radial Circuit - UFH Manifold				D	D/5	1	2.5	1.5	0.4	61009	C	20	10	30	1.09
7L3																
8L1																
8L2																
8L3																

Circuit Configuration														
Circuit Designation				Installation Details				Circuit Details						
CCT No.	Circuit Description	Wiring Type	Method	No.of Points	Cable Size (mm²)		Max Diisc. Time	Overcurrent Protective Device					R C D	Max Zs
					PH	CPC		Secs	BS (EN)	Type	A	kA		
9L1														
9L2														
9L3														
10L1														
10L2														
10L3														
11L1														
11L2														
11L3														
12L1														
12L2														
12L3														

Table A - Cable Wiring Types

A	B	C	D	E	F	G	H	I	J	K
PVC (Singles)	LSF (Singles)	PVC (Multi)	LSF (Multi)	XPLE/SWA/LSF	XPLE/SWA/PVC	PVC/SWA/PVC	Fire Resistant	MICC		
ALL CABLE WIRING TYPES TO BE IN ACCORDANCE WITH BS 7671 - IET WIRING REGULATIONS 18th EDITION										

Table B - Method of Installation Types

1	2	3	4	5	6	7	8	9	10	11
Clipped Direct	PVC High Impact Conduit / Capping	Metallic Conduit	Non Metallic Trunking	Metallic Trunking	Cable Tray (Touching or Spaced)	Cable Basket (Touching or Spaced)	Cable Ladder(Touching or Spaced)	Buried	Cable Ties / Clipped Direct	
ALL INSTALLATION METHODS TO BE AS BS 7671 - IET WIRING REGULATIONS 18th EDITION										

Comments
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