

DB name:	Distribution Board No.1- Grd Flr Services – 20 way 3 phase lockable TP + N busbar type DB				
Location	Ground Floor		Supply Cable:	10mm ² 5 core thro' conduit	
Incomer protection:		63A 4P Isolator	Protection for DB circuits:	ELCB 63mA 40A 4P with time delay	
Way	Phase	Protection	Circuit Number	Cable	Circuit Description
1	L1	Double Pole RCBO 20 A	1 (Sockets A1-A5)	3 x 2.5mm ²	Artefact Cabinets supply
	L2	Double Pole RCBO 20 A	2 (Sockets A7-A12)	3 x 2.5mm ²	Artefact Cabinets supply
2	L3	Double Pole RCBO 20 A	3 (Sockets C1-C7)	3 x 2.5mm ²	General purpose sockets
3	L1	Double Pole RCBO 20 A	4 double pole switches (AC1- AC3)	3 x 2.5mm ²	Double Pole switches for AC units
	L2	Double Pole RCBO 20 A	5 (Sockets B1-B4)	3 x 2.5mm ²	Artefact Cabinets supply
4	L3	Double Pole RCBO 20 A	6 (Sockets B5-B9)	3 x 2.5mm ²	Artefact Cabinets supply
5	L1	Double Pole RCBO 20 A	7 (Sockets D1-D6)	3 x 2.5mm ²	General purpose sockets
	L2	Double Pole RCBO 20 A	8 double pole switches (AC4- AC6)	3 x 2.5mm ²	Double Pole switches for AC units
6	L3	Double Pole RCBO 20 A	9 (Sockets E1-E6)	3 x 2.5mm ²	Reception desk power sockets
7	L1	Double Pole RCBO 20 A	10 (Sockets F1-F4)	3 x 4mm ²	Floor boxes for interactive screens
	L2	Double Pole RCBO 10 A	11 Cove up-lights	3 x 1.5mm ²	Lighting on wall lining – inner sect
8	L3	Double Pole RCBO 10 A	12 Cove up-lights	3 x 1.5mm ²	Lighting on wall lining – outer sect
9	L1	Double Pole RCBO 10 A	13 Ceiling Direct Down lights	3 x 1.5mm ²	Lighting Ceiling direct mounted
	L2	Double Pole RCBO 10 A	14 Emergency lights Circuit	3 x 1.5mm ²	Lighting emergency lights (selected)
10	L3	Double Pole RCBO 10 A	15 Hanging artifacts lights	3 x 1.5mm ²	Hanging artefacts lights
11	L1	Double Pole RCBO 5 A	16 Reception Lights	3 x 1.5mm ²	From second floor ceiling
	L2	Double Pole RCBO 5 A	17 Basement Lights	3 x 1.5mm ²	Lights for toilet and basement tunnel
12	L3	Double Pole RCBO 5 A	18 Double pole switch	3 x 1.5mm ²	Supply to basement toilet extractor fan
13	L1	Double Pole RCBO 20 A	19 Waste sewage pumps (Twin Set)	3 x 2.5mm ²	Supply to double pole switch for pumps
	L2	Double Pole RCBO 10 A	20 Submersible pump for well	3 x 2.5mm ²	Supply to immersible pump
14	L3	Double Pole RCBO 5 A	21 Fire alarm panel	3 x 2.5mm ²	Fire panel supply
15	L1	Double Pole RCBO 5 A	22 Intruder Alarm panel supply	3 x 2.5mm ²	Intruder alarm supply
	L2	Double Pole RCBO 5 A	23 NVR supply	3 x 2.5mm ²	CCTV NVR supply
16	L3	Double Pole RCBO 20 A	24 Basement power	3 x 2.5mm ²	Basement socket outlets
17	L1	Spare			
	L2	Spare			
	L3	Spare			
18	L1	Spare			
	L2	Spare			
	L3	Spare			
19	L1	Spare			
	L2	Spare			
	L3	Spare			
20	L1	Spare			
	L2	Spare			
	L3	Spare			