

Distribution Board Schedule

Client:	ECD Architects	Revision No.		Date		Prepared By		Additional Remarks	
Project:	Maritime and Coastguard Agency								
Drawing No:	1320-CCE-00-XX-SH-E-70-P-1201								
Designation:	ELP1								
Location:	Open Plan Office								
Make:	EATON EBM182								
Revision No:	P1.0	Date:	21/09/2017						
Prepared By:	N.G.S.	Checked By:	J.D.B.						
File Reference:	N:\Projects\Maritime & Coastguard Agency\XP17-1321 - Shrub End Clinic, Icen Way, Colchester\Design\Building Services\Specification\[Basic Spec.xlsx]EBM182								
General notes:	1) To be read in conjunction with the specification. 2) The Distribution Board will be supplied in 25mm ² PVC/PVC 6181B LSZH double insulated cables manufactured to BS6724. A main earth cable will be supplied which will be 25mm ² 6491B H07Z-R Low smoke cable manufactured to BS7211 for the DNO to connect to their PME terminal.								

Circuit No.	Protective Device	Rating	Cable Type	Cable Size	CPC Size	Circuit Type	Number of Points	Circuit Description
1T	Type C	32 Amp	BS 6724 0HLS SWA	4.0mm ²	Armour	Radial	1	External Air Conditioning Condenser
2L1	Type B	16 Amp	BS7211 6242B	2.5mm ²	1.5mm ²	Radial	1	Internal Air Conditioning Units - Meeting Room 1
2L2	Type B	16 Amp	BS7211 6242B	2.5mm ²	1.5mm ²	Radial	2	Internal Air Conditioning Units - Meeting Room 2 & Open Plan Office
2L3	Type B	16 Amp	BS7211 6242B	2.5mm ²	1.5mm ²	Radial	2	Internal Air Conditioning Units - Open Plan Office
3L1	Type B	16 Amp	BS7211 6242B	2.5mm ²	1.5mm ²	Radial	2	Internal Air Conditioning Units - Open Plan Office & Exam Room
3L2	Type B	25A/30mA	BS7211 6242B	2.5mm ²	1.5mm ²	Radial	1	Electric Water Heater - Kitchen Breakout Area
3L3	Type B	40A/30mA	BS7211 6242B	10.0mm ²	4.0mm ²	Radial	1	Electric Shower - Shower Room
4L1	Type B	20A/30mA	BS7211 6242B	2.5mm ²	1.5mm ²	Radial	2	Electric Water Heater & Convector Heater - Male WC
4L2	Type B	32A/30mA	BS7211 6242B	4.0mm ²	1.5mm ²	Radial	1	Kitchen Breakout Area - Water Boiler
4L3	Type B	16A/30mA	BS7211 6242B	2.5mm ²	1.5mm ²	Radial	1	Electric Water Heater - Shower Room
5L1	Type B	10A/30mA	BS7211 6242B	2.5mm ²	1.5mm ²	Radial	1	Electric Hand Dryer - Male Toilet
5L2	Type B	20A/30mA	BS7211 6242B	2.5mm ²	1.5mm ²	Radial	2	Electric Water Heater & Convector Heater - Female WC
5L3	Type B	10A/30mA	BS7211 6242B	2.5mm ²	1.5mm ²	Radial	1	Electric Fan Heater - Shower Room
6L1	Type C	16A/30mA	BS 6724 0HLS SWA	2.5mm ²	2.5mm ²	Radial	1	16 Amp BS EN60309 Switched Socket Outlet - IT Server Rack
6L2	Type B	10A/30mA	BS7211 6242B	2.5mm ²	1.5mm ²	Radial	1	Electric Hand Dryer - Female Toilet
6L3	Type B	10A/30mA	BS7211 6242B	2.5mm ²	1.5mm ²	Radial	1	Electric Hand Dryer - Shower Room
7L1	Type C	16A/30mA	BS 6724 0HLS SWA	2.5mm ²	2.5mm ²	Radial	1	16 Amp BS EN60309 Switched Socket Outlet - IT Server Rack

Distribution Board Schedule

Client:	ECD Architects	Revision No.		Date		Prepared By		Additional Remarks	
Project:	Maritime and Coastguard Agency								
Drawing No:	1320-CCE-00-XX-SH-E-70-P-1201								
Designation:	ELP1								
Location:	Open Plan Office								
Make:	EATON EBM182								
Revision No:	P1.0	Date:	21/09/2017						
Prepared By:	N.G.S.	Checked By:	J.D.B.						
File Reference:	N:\Projects\Maritime & Coastguard Agency\17-1321 - Shrub End Clinic, Icen Way, Colchester\Design\Building Services\Specification\[Basic Spec.xlsx]EBM182								
General notes:	1) To be read in conjunction with the specification. 2) The Distribution Board will be supplied in 25mm ² PVC/PVC 6181B LSZH double insulated cables manufactured to BS6724. A main earth cable will be supplied which will be 25mm ² 6491B H07Z-R Low smoke cable manufactured to BS7211 for the DNO to connect to their PME terminal.								
7L2	Type B	32A/30mA	BS7211 6242B	2.5mm ²	1.5mm ²	Ring	8	Socket Outlets - Post Area and Meeting Room 2	
7L3	Type B	32A/30mA	BS7211 6242B	2.5mm ²	1.5mm ²	Ring	15	Socket Outlets - Open Plan Office NE Wall & Reception Counter; Door Access PSU's - Exam Room and Reception	
8L1	Type B	32A/30mA	BS7211 6242B	2.5mm ²	1.5mm ²	Ring	11	Socket Outlets & Electric Convector Heater - Kitchen / Breakout Area	
8L2	Type B	32A/30mA	BS7211 6242B	2.5mm ²	1.5mm ²	Ring	3	Socket Outlet - Entrance Lobby; Convector Heater and Access Control supplies - Entrance Lobby	
8L3	Type B	32A/30mA	BS7211 6242B	2.5mm ²	1.5mm ²	Ring	18	Socket Outlets - Open Plan Office NW and SW Walls	
9L1	Type B	32A/30mA	BS7211 6242B	2.5mm ²	1.5mm ²	Ring	7	Socket Outlets - Exam Room; Socket Outlets, Electric Convector Heater and Access Control PSU - Reception	
9L2	Type B	32A/30mA	BS7211 6242B	2.5mm ²	1.5mm ²	Ring	6	Socket Outlets - Meeting Room 1	
9L3	Type B	10 Amp	BS7211 6242B	1.5mm ²	1.0mm ²	Radial	1	Fire Alarm Panel - Reception	
10L1	Type B	6 Amp	BS7211 6242B	1.5mm ²	1.0mm ²	Lights	12	Lighting - Meeting Room 2, Post Area, Storage Area, Server Rack, Entrance Lobby and External Door	
10L2	Type B	6 Amp	BS7211 6242B	1.5mm ²	1.0mm ²	Lights	9	Lighting - Kitchen / Breakout Area, Cupboard, Store. Exam Room, Reception and External	
10L3	Type B	6A/30mA	BS7211 6242B	1.5mm ²	1.0mm ²	Lights	7	Lighting and Extract Fans - Shower Room, Male Toilet and Female Toilet	
11L1	Type B	6 Amp	BS7211 6242B	1.5mm ²	1.0mm ²	Lights	14	Lighting - Open Plan Office and Meeting Room 1	
11L2									
11L3									
12L1									
12L2									

Distribution Board Schedule

Create Consulting Engineers Ltd

HEAD OFFICE : - 15 Princes Street, Norwich, Norfolk, NR3 1AF, Tel: 01603 877010 Email: buildingservices@createconsultingengineers.co.uk

Client:	ECD Architects	Revision No.		Date		Prepared By		Additional Remarks	
Project:	Maritime and Coastguard Agency								
Drawing No:	1320-CCE-00-XX-SH-E-70-P-1201								
Designation:	ELP1								
Location:	Open Plan Office								
Make:	EATON EBM182								
Revision No:	P1.0	Date:	21/09/2017						
Prepared By:	N.G.S.	Checked By:	J.D.B.						
File Reference:	N:\Projects\Maritime & Coastguard Agency\P17-1321 - Shrub End Clinic, Icen Way, Colchester\Design\Building Services\Specification\[Basic Spec.xlsx]EBM182								
General notes:	1) To be read in conjunction with the specification. 2) The Distribution Board will be supplied in 25mm ² PVC/PVC 6181B LSZH double insulated cables manufactured to BS6724. A main earth cable will be supplied which will be 25mm ² 6491B H07Z-R Low smoke cable manufactured to BS7211 for the DNO to connect to their PME terminal.								
12L3									
13L1									
13L2									
13L3									
14L1									
14L2									
14L3									
15L1									
15L2									
15L3									
16L1									
16L2									
16L3									
17L1	Type B	TBC	BS 6724 0HLS SWA	10.0mm ²	25.0mm ² / Armour	Sub Main	1	Garage / Store Supply	
17L2									
17L3									
18T	Type B	TBC	BS 6724 0HLS SWA	T.B.C.	T.B.C.	Sub Main	1	Photo Voltaic Panel Supply	

Distribution Board Schedule

Create Consulting Engineers Ltd

HEAD OFFICE : - 15 Princes Street, Norwich, Norfolk, NR3 1AF, Tel: 01603 877010 Email: buildingservices@createconsultingengineers.co.uk

Client:	ECD Architects	Revision No.	Date	Prepared By	Additional Remarks
Project:	Maritime and Coastguard Agency				
Drawing No:	1320-CCE-00-XX-SH-E-70-P-1201				
Designation:	ELP1				
Location:	Open Plan Office				
Make:	EATON EBM182				
Revision No:	P1.0	Date:	21/09/2017		
Prepared By:	N.G.S.	Checked By:	J.D.B.		
File Reference:	N:\Projects\Maritime & Coastguard Agency\17-1321 - Shrub End Clinic, Icen Way, Colchester\Design\Building Services\Specification\[Basic Spec.xlsx]EBM182				
General notes:	1) To be read in conjunction with the specification. 2) The Distribution Board will be supplied in 25mm ² PVC/PVC 6181B LSZH double insulated cables manufactured to BS6724. A main earth cable will be supplied which will be 25mm ² 6491B H07Z-R Low smoke cable manufactured to BS7211 for the DNO to connect to their PME terminal.				