

1 SCHEDULE OF LOADS (PART 2 OF 7)

EE-43B

LIGHTING PANEL "LP19" (EXISTING) MOUNTING: NEMA 1, SURFACE MOUNTED WITH GRAY POWDER COATED FINISH WITH MULTI-TERMINAL BLOCK FOR SOLID GROUND AND NEUTRAL BUS.

OUT. NO.	LOAD DESCRIPTION	VOLT	AMPERE	WIRE & CONDUIT	PROTECTION	NUMBER & SIZE OF WIRE & CONDUIT
1	LIGHTS	400/230	262 1.14	AWG #12	20 100 1 10 MCCB	3-15mm ² (L/N) THN + 1-5mm ² (G) TW IN 25mm ² MC (Y24)
2	LIGHTS	576	2.50			
3	LIGHTS	812	3.53			
4	LIGHTS	1126	4.90			
5	LIGHTS	1126	5.05			
6	LIGHTS	1126	4.80			
7	LIGHTS	1342	5.83			
8	LIGHTS	1120	4.87			
9	LIGHTS	1120	4.87			
10	LIGHTS	1162	5.05			
11	LIGHTS	884	3.84			
12	LIGHTS	1488	6.48			
13	LIGHTS	1624	7.08			
14	LIGHTS	1126	4.90			
15	LIGHTS	1162	5.05			
16	LIGHTS	1126	4.90			
17	LIGHTS	730	3.17			
18	LIGHTS	534	2.32			
19	LIGHTS	564	2.45			
20	LIGHTS	554	2.41			
21	LIGHTS	658	2.86			
22	LIGHTS	1234	5.50			
23	LIGHTS	884	3.84			
24	LIGHTS	250	1.09			
25	SPACE					
26	SPACE					

IL = 36.25 AMPS
 USE: 4-14mm² (L/N) THN + 1-5.5mm² (G) TW IN 25mm² MC (Y14)
 MNN: 40A, 100F, 3P, 400V, 10 KVA MCCB

LIGHTING PANEL "LP22" (EXISTING) MOUNTING: NEMA 1, SURFACE MOUNTED WITH GRAY POWDER COATED FINISH WITH MULTI-TERMINAL BLOCK FOR SOLID GROUND AND NEUTRAL BUS.

OUT. NO.	LOAD DESCRIPTION	VOLT	AMPERE	WIRE & CONDUIT	PROTECTION	NUMBER & SIZE OF WIRE & CONDUIT
1	LIGHTS	400/230	262 1.14	AWG #12	20 100 1 10 MCCB	3-15mm ² (L/N) THN + 1-5mm ² (G) TW IN 25mm ² MC (Y22)
2	LIGHTS	576	2.50			
3	LIGHTS	812	3.53			
4	LIGHTS	1172	5.10			
5	LIGHTS	1090	4.74			
6	LIGHTS	1372	5.96			
7	LIGHTS	1290	5.48			
8	LIGHTS	946	4.11			
9	LIGHTS	1732	7.53			
10	LIGHTS	590	2.56			
11	LIGHTS	1110	4.83			
12	LIGHTS	1054	4.58			
13	LIGHTS	1152	5.01			
14	LIGHTS	1620	7.01			
15	LIGHTS	1234	5.36			
16	LIGHTS	1624	7.06			
17	LIGHTS	1912	8.31			
18	LIGHTS	646	2.78			
19	LIGHTS	636	2.78			
20	LIGHTS	822	3.57			
21	SPACE	250	1.09			
22	SPACE	250	1.09			
23	SPACE	250	1.09			
24	SPACE	250	1.09			
25	SPACE	250	1.09			
26	SPACE					

IL = 33.57 AMPS
 USE: 4-12mm² (L/N) THN + 1-8.0mm² (G) TW IN 32mm² MC (Y22)
 MNN: 70A, 100F, 3P, 400V, 10 KVA MCCB

POWER PANEL "PP1" (EXISTING) MOUNTING: NEMA 1, SURFACE MOUNTED WITH GRAY POWDER COATED FINISH WITH MULTI-TERMINAL BLOCK FOR SOLID GROUND AND NEUTRAL BUS.

OUT. NO.	LOAD DESCRIPTION	VOLT	AMPERE	WIRE & CONDUIT	PROTECTION	NUMBER & SIZE OF WIRE & CONDUIT
1	METAL DETECTOR	400/230	1550 6.52	AWG #10	20 100 1 10 MCCB	3-15mm ² (L/N) THN + 1-5mm ² (G) TW IN 25mm ² MC (Y8.0)
2	CONVENIENCE OUTLETS	400/230	360 1.56			
3	CONVENIENCE OUTLETS	1000	4.35			
4	CONVENIENCE OUTLETS	720	3.13			
5	LUGGAGE SCANNER	1000	6.52			
6	CONVENIENCE OUTLETS	180	0.78			
7	CONVENIENCE OUTLETS	1620	7.04			
8	HAND DRYER	1000	4.35			
9	HAND DRYER	1000	4.35			
10	METAL DETECTOR	1500	6.52			
11	PROVISION FOR FACP	1000	4.35			
12	PROVISION FOR PLYM EQUIPMENT	1000	4.35			
13	BATTERY CHARGER	540	2.35			
14	ELEVATOR SUMP PUMP	820	3.61			
15	ELEVATOR SUMP PUMP	820	3.61			
16	CONVENIENCE OUTLETS	900	3.81			
17	CONVENIENCE OUTLETS	1080	4.70			
18	CONVENIENCE OUTLETS	1800	7.83			
19	CONVENIENCE OUTLETS	180	0.78			
20	CONVENIENCE OUTLETS	180	0.78			
21	PROVISION FOR TRAFFIC SIGNAL	500	2.17			
22	PROVISION FOR TRAFFIC SIGNAL	500	2.17			
23	PROVISION FOR MTR	1000	4.35			
24	CCTV MONITORS	900	3.81			
25	CCTV MONITORS	900	3.81			
26	SPACE	250	1.09			

IL = 36.79 AMPS
 USE: 4-12mm² (L/N) THN + 1-5.5mm² (G) TW IN 25mm² MC (Y8.0)
 MNN: 50A, 100F, 3P, 400V, 18 KVA MCCB

POWER PANEL "PP2" (EXISTING) MOUNTING: NEMA 1, SURFACE MOUNTED WITH GRAY POWDER COATED FINISH WITH MULTI-TERMINAL BLOCK FOR SOLID GROUND AND NEUTRAL BUS.

OUT. NO.	LOAD DESCRIPTION	VOLT	AMPERE	WIRE & CONDUIT	PROTECTION	NUMBER & SIZE OF WIRE & CONDUIT
1	CONVENIENCE OUTLETS	400/230	360 1.56			
2	CONVENIENCE OUTLETS	1000	4.35			
3	HAND DRYER	1000	4.35			
4	PROVISION FOR PARKING SENSORS	500	2.17			
5	PROVISION FOR PARKING SENSORS	500	2.17			
6	PROVISION FOR PARKING SENSORS	500	2.17			
7	PROVISION FOR PARKING SENSORS	500	2.17			
8	PROVISION FOR PARKING SENSORS	500	2.17			
9	PROVISION FOR PARKING SENSORS	500	2.17			
10	SPACE	250	1.09			
11	PROVISION FOR TRAFFIC SIGNAL	500	2.17			
12	PROVISION FOR TRAFFIC SIGNAL	500	2.17			
13	PROVISION FOR TRAFFIC SIGNAL	500	2.17			
14	SPACE	250	1.09			
15	SPACE	250	1.09			
16	SPACE	250	1.09			
17	CCTV RACK	1000	4.35			
18	SPACE					

IL = 13.03 AMPS
 USE: 4-8.0mm² (L/N) THN + 1-5.5mm² (G) TW IN 25mm² MC (Y8.0)
 MNN: 40A, 100F, 3P, 400V, 10 KVA MCCB

POWER PANEL "PP3" (EXISTING) MOUNTING: NEMA 1, SURFACE MOUNTED WITH GRAY POWDER COATED FINISH WITH MULTI-TERMINAL BLOCK FOR SOLID GROUND AND NEUTRAL BUS.

OUT. NO.	LOAD DESCRIPTION	VOLT	AMPERE	WIRE & CONDUIT	PROTECTION	NUMBER & SIZE OF WIRE & CONDUIT
1	CONVENIENCE OUTLETS	400/230	360 1.56			
2	CONVENIENCE OUTLETS	1000	4.35			
3	HAND DRYER	1000	4.35			
4	CONVENIENCE OUTLETS	1000	4.35			
5	CONVENIENCE OUTLETS	1080	4.70			
6	CONVENIENCE OUTLETS	720	3.13			
7	CONVENIENCE OUTLETS	540	2.35			
8	CONVENIENCE OUTLETS	540	2.35			
9	CONVENIENCE OUTLETS	540	2.35			
10	HAND DRYER	1000	4.35			
11	HAND DRYER	1000	4.35			
12	CONVENIENCE OUTLETS	900	3.81			
13	CONVENIENCE OUTLETS	900	3.81			
14	CONVENIENCE OUTLETS	1080	4.70			
15	CONVENIENCE OUTLETS	540	2.35			
16	CONVENIENCE OUTLETS	720	3.13			
17	CONVENIENCE OUTLETS	1080	4.70			
18	SPACE					

IL = 21.92 AMPS
 USE: 4-8.0mm² (L/N) THN + 1-5.5mm² (G) TW IN 25mm² MC (Y8.0)
 MNN: 40A, 100F, 3P, 400V, 10 KVA MCCB

LIGHTING PANEL "LP20" (EXISTING) MOUNTING: NEMA 1, SURFACE MOUNTED WITH GRAY POWDER COATED FINISH WITH MULTI-TERMINAL BLOCK FOR SOLID GROUND AND NEUTRAL BUS.

OUT. NO.	LOAD DESCRIPTION	VOLT	AMPERE	WIRE & CONDUIT	PROTECTION	NUMBER & SIZE OF WIRE & CONDUIT
1	LIGHTS	400/230	262 1.14	AWG #12	20 100 1 10 MCCB	3-15mm ² (L/N) THN + 1-5mm ² (G) TW IN 25mm ² MC (Y14)
2	LIGHTS	576	2.50			
3	LIGHTS	740	3.22			
4	ELEVATOR LIGHTS (20F-24F)	375	1.63			
5	ELEVATOR LIGHTS (20F-24F)	375	1.63			
6	LIGHTS	1018	4.43			
7	LIGHTS	1090	4.74			
8	LIGHTS	1028	4.74			
9	LIGHTS	1522	6.82			
10	LIGHTS	1234	5.36			
11	LIGHTS	1044	4.54			
12	LIGHTS	1110	4.83			
13	LIGHTS	824	3.80			
14	LIGHTS	1470	6.39			
15	LIGHTS	1028	4.78			
16	LIGHTS	1234	5.36			
17	LIGHTS	1044	4.54			
18	LIGHTS	1054	4.58			
19	LIGHTS	1172	5.10			
20	LIGHTS	936	4.07			
21	LIGHTS	534	2.32			
22	LIGHTS	1258	5.90			
23	LIGHTS	590	2.56			
24	LIGHTS	1624	7.06			
25	LIGHTS	564	2.45			
26	SPACE	250	1.09			
27	SPACE	250	1.09			
28	SPACE					
29	SPACE	250	1.09			
30	SPACE					

IL = 36.35 AMPS
 USE: 4-14mm² (L/N) THN + 1-8.0mm² (G) TW IN 32mm² MC (Y22)
 MNN: 70A, 100F, 3P, 400V, 10 KVA MCCB

LIGHTING PANEL "LP23" (EXISTING) MOUNTING: NEMA 1, SURFACE MOUNTED WITH GRAY POWDER COATED FINISH WITH MULTI-TERMINAL BLOCK FOR SOLID GROUND AND NEUTRAL BUS.

OUT. NO.	LOAD DESCRIPTION	VOLT	AMPERE	WIRE & CONDUIT	PROTECTION	NUMBER & SIZE OF WIRE & CONDUIT
1	LIGHTS	400/230	262 1.14	AWG #12	20 100 1 10 MCCB	3-15mm ² (L/N) THN + 1-5mm ² (G) TW IN 25mm ² MC (Y14)
2	LIGHTS	576	2.50			
3	LIGHTS	1192	5.18			
4	LIGHTS	786	3.42			
5	PROVISION FOR PARKING SENSORS	2048	8.90			
6	LIGHTS	1170	5.09			
7	LIGHTS	1506	6.55			
8	LIGHTS	1234	5.36			
9	LIGHTS	1660	7.29			
10	LIGHTS	1124	4.89			
11	LIGHTS	1088	4.73			
12	LIGHTS	930	4.04			
13	LIGHTS	1234	5.36			
14	LIGHTS	1210	5.20			
15	LIGHTS	1124	4.89			
16	LIGHTS	688	2.99			
17	LIGHTS	586	2.55			
18	LIGHTS	728	3.16			
19	LIGHTS	708	3.08			
20	LIGHTS	806	3.50			
21	SPACE	250	1.09			
22	SPACE	250	1.09			
23	SPACE	250	1.09			
24	SPACE	250	1.09			

IL = 30.85 AMPS
 USE: 4-14mm² (L/N) THN + 1-5.5mm² (G) TW IN 25mm² MC (Y14)
 MNN: 60A, 1