1 SCHEDULE OF LOADS (PART 1 OF 7)

EE-43A

LIGHTING PANEL "LP8" (EXISTING)
LOCATION : EE ROOM
MOUNTING : NEMA 1, SURFACE MOUNTED WITH GRAY POWDER COATED FINISH WITH MULTI-TERMINAL BLOCK FOR SOLID GROUND AND NEUTRAL BUS.

CKT. NO.	LOAD DESCRIPTION	VOLT	VOLT AMPERE	AMPERE LOAD #AN	#BN	#CN	#ABC	PROTECTION AT	AF	P	KAIC	TYPE	NUMBER & SIZE OF WIRE & CONDUIT
1	LIGHTS	400/230	1296	5.63				20	100	1	18	MCCB	2-3.5mm² (L/N) THHN + 1-3.5mm² (G) TW IN 15mmØ
2	LIGHTS		1080	4.70									
3	LIGHTS		700		3.04								
4	LIGHTS		560		2.43								
5	LIGHTS		1368			5.95							
6	LIGHTS		1008			4.38							
7	CONVENIENCE OUTLETS		720	3.13									
8	CONVENIENCE OUTLETS		900	3.91									
9	CONVENIENCE OUTLETS		540		2.35								
10	LIGHTS		648		2.82								
11	PROVISION FOR TRAFFIC SIGNAL		500			2.17							
12	PROVISION FOR MAINTENANCE LIGHTS		500			2.17							
13	PROVISION FOR TRAFFIC SIGNAL		500	2.17									
14	PROVISION FOR MAINTENANCE LIGHTS		500	2.17									
15	LIGHTS		720			3.13							
16	LIGHTS		684			2.97							
				21.71	16.74	14.67							

I_L = 21.71 AMPS
USE : 4-8.0mm² (L/N) THHN + 1-5.5mm² (G) TW IN 25mmø IMC (Y8.0)
MAIN : 40AT, 100AF, 3P, 400V, 18 KAIC MCCB

POWER PANEL "LP1" (EXISTING)
LOCATION : EE ROOM
MOUNTING : NEMA 1, SURFACE MOUNTED WITH GRAY POWDER COATED FINISH WITH MULTI-TERMINAL BLOCK FOR SOLID GROUND AND NEUTRAL BUS.

CKT. NO.	LOAD DESCRIPTION	VOLT	VOLT AMPERE	AMPERE LOAD #AN	#BN	#CN	#ABC	PROTECTION AT	AF	P	KAIC	TYPE	NUMBER & SIZE OF WIRE & CONDUIT
1	LIGHTS	400/230	1078	4.69				20	100	1	18	MCCB	2-3.5mm² (L/N) THHN + 1-3.5mm² (G) TW IN 15mmØ
2	LIGHTS		1008	4.38									
3	ELEVATOR LIGHTS (TRANSFER LIFT)		300		1.30								
4	STAIR LIGHTS (BASEMENT-12F)		1300		5.65								
5	STAIR LIGHTS (BASEMENT-12F)		1300			5.65							
6	EL & EXL (BASEMENT-12F)		625			2.72							
7	EL & EXL (BASEMENT-12F)		625	2.72									
8	LIGHTS		1032	4.49									
9	ELEVATOR LIGHTS (GF-6F)		450		1.96								
10	ELEVATOR LIGHTS (GF-6F)		450		1.96								
11	LIGHTS		1070			4.65							
12	LIGHTS		1290			5.61							
13	LIGHTS		668	2.90									
14	LIGHTS		668	2.90									
15	LIGHTS		1611		7.00								
16	LIGHTS		1440		6.26								
17	LIGHTS		1002			4.35							
18	LIGHTS		720			3.13							
19	LIGHTS		1008	4.38									
20	LIGHTS		2088	9.08									
21	PROVISION FOR PARKING SENSORS		1000		4.35								
22	PROVISION FOR PARKING SENSORS		1000		4.35								
23	PROVISION FOR PARKING SENSORS		1000			4.35							
24	PROVISION FOR PARKING SENSORS		1000			4.35							
				35.54	32.83	34.81							

I_L = 35.54 x 80% D.F. = 28.43 AMPS
USE : 4-8.0mm² (L/N) THHN + 1-5.5mm² (G) TW IN 25mmø IMC (Y8.0)
MAIN : 40AT, 100AF, 3P, 400V, 18 KAIC MCCB

POWER PANEL "LP2" (EXISTING)
LOCATION : EE ROOM
MOUNTING : NEMA 1, SURFACE MOUNTED WITH GRAY POWDER COATED FINISH WITH MULTI-TERMINAL BLOCK FOR SOLID GROUND AND NEUTRAL BUS.

CKT. NO.	LOAD DESCRIPTION	VOLT	VOLT AMPERE	AMPERE LOAD #AN	#BN	#CN	#ABC	PROTECTION AT	AF	P	KAIC	TYPE	NUMBER & SIZE OF WIRE & CONDUIT
1	LIGHTS	400/230	164	0.71				20	100	1	10	MCCB	2-3.5mm² (L/N) THHN + 1-3.5mm² (G) TW IN 15mmØ
2	LIGHTS		792	3.44									
3	LIGHTS		216		0.94								
4	LIGHTS		648		2.82								
5	LIGHTS		432			1.88							
6	LIGHTS		540			2.35							
7	LIGHTS		108	0.47									
8	LIGHTS		550	2.39									
9	LIGHTS		432		1.88								
10	LIGHTS		432		1.88								
11	LIGHTS		216			0.94							
12	LIGHTS		792			3.44							
13	GF LANDSCAPE LIGHTING		228	0.99									
14	GF LANDSCAPE LIGHTING		675	2.93									
15	GF LANDSCAPE LIGHTING		420		1.83								
16	GF LANDSCAPE LIGHTING		224		0.97								
17	GF LANDSCAPE LIGHTING		385			1.67							
18	SPARE		250			1.09							15mmØC
				10.93	10.32	11.37							

I_L = 11.37 AMPS
USE : 4-5.5mm² (L/N) THHN + 1-5.5mm² (G) TW IN 20mmø IMC (Y5.5)
MAIN : 30AT, 100AF, 3P, 400V, 10 KAIC MCCB

POWER PANEL "LP3" (EXISTING)
LOCATION : EE ROOM
MOUNTING : NEMA 1, SURFACE MOUNTED WITH GRAY POWDER COATED FINISH WITH MULTI-TERMINAL BLOCK FOR SOLID GROUND AND NEUTRAL BUS.

CKT. NO.	LOAD DESCRIPTION	VOLT	VOLT AMPERE	AMPERE LOAD #AN	#BN	#CN	#ABC	PROTECTION AT	AF	P	KAIC	TYPE	NUMBER & SIZE OF WIRE & CONDUIT
1	LIGHTS	400/230	164	0.71				20	100	1	10	MCCB	2-3.5mm² (L/N) THHN + 1-3.5mm² (G) TW IN 15mmØ
2	LIGHTS		792	3.44									
3	LIGHTS		216		0.94								
4	LIGHTS		648		2.82								
5	LIGHTS		432			1.88							
6	LIGHTS		540			2.35							
7	LIGHTS		108	0.47									
8	LIGHTS		550	2.39									
9	LIGHTS		432		1.88								
10	LIGHTS		432		1.88								
11	LIGHTS		216			0.94							
12	LIGHTS		792			3.44							
13	SPARE		250	1.09									15mmØC
14	SPARE		250	1.09									
15	SPARE		250		1.09								
16	SPARE		250		1.09								
17	SPARE		250			1.09							
18	SPACE		–			–		–					–
				9.19	9.70	9.70							

I_L = 9.70 AMPS
USE : 4-5.5mm² (L/N) THHN + 1-5.5mm² (G) TW IN 20mmø IMC (Y5.5)
MAIN : 30AT, 100AF, 3P, 400V, 10 KAIC MCCB

POWER PANEL "LP4" (EXISTING)
LOCATION : EE ROOM
MOUNTING : NEMA 1, SURFACE MOUNTED WITH GRAY POWDER COATED FINISH WITH MULTI-TERMINAL BLOCK FOR SOLID GROUND AND NEUTRAL BUS.

CKT. NO.	LOAD DESCRIPTION	VOLT	VOLT AMPERE	AMPERE LOAD #AN	#BN	#CN	#ABC	PROTECTION AT	AF	P	KAIC	TYPE	NUMBER & SIZE OF WIRE & CONDUIT
1	LIGHTS	400/230	164	0.71				20	100	1	10	MCCB	2-3.5mm² (L/N) THHN + 1-3.5mm² (G) TW IN 15mmØ
2	LIGHTS		792	3.44									
3	LIGHTS		216		0.94								
4	LIGHTS		648		2.82								
5	LIGHTS		432			1.88							
6	LIGHTS		540			2.35							
7	SPARE		108	0.47									15mmØC
8	LIGHTS		550	2.39									2-3.5mm² (L/N) THHN + 1-3.5mm² (G) TW IN 15mmØC
9	LIGHTS		432		1.88								
10	LIGHTS		432		1.88								
11	LIGHTS		216			0.94							
12	LIGHTS		792			3.44							
13	SPARE		250	1.09									15mmØC
14	SPARE		250	1.09									
15	SPARE		250		1.09								
16	SPARE		250		1.09								
17	SPARE		250			1.09							
18	SPACE		–			–		–					–
				9.19	9.70	9.70							

I_L = 9.70 AMPS
USE : 4-5.5mm² (L/N) THHN + 1-5.5mm² (G) TW IN 20mmø IMC (Y5.5)
MAIN : 30AT, 100AF, 3P, 400V, 10 KAIC MCCB

POWER PANEL "LP5" (EXISTING)
LOCATION : EE ROOM
MOUNTING : NEMA 1, SURFACE MOUNTED WITH GRAY POWDER COATED FINISH WITH MULTI-TERMINAL BLOCK FOR SOLID GROUND AND NEUTRAL BUS.

CKT. NO.	LOAD DESCRIPTION	VOLT	VOLT AMPERE	AMPERE LOAD #AN	#BN	#CN	#ABC	PROTECTION AT	AF	P	KAIC	TYPE	NUMBER & SIZE OF WIRE & CONDUIT
1	LIGHTS	400/230	164	0.71				20	100	1	10	MCCB	2-3.5mm² (L/N) THHN + 1-3.5mm² (G) TW IN 15mmØC
2	LIGHTS		792	3.44									
3	LIGHTS		216		0.94								
4	LIGHTS		648		2.82								
5	LIGHTS		432			1.88							
6	LIGHTS		540			2.35							
7	SPARE		108	0.47									15mmØC
8	LIGHTS		550	2.39									2-3.5mm² (L/N) THHN + 1-3.5mm² (G) TW IN 15mmØC
9	LIGHTS		432		1.88								
10	LIGHTS		432		1.88								
11	LIGHTS		216			0.94							
12	LIGHTS		792			3.44							
13	SPARE		250	1.09									15mmØC
14	SPARE		250	1.09									
15	SPARE		250		1.09								
16	SPARE		250		1.09								
17	SPARE		250			1.09							
18	SPACE		–			–		–					–
				9.19	9.70	9.70							

I_L = 9.70 AMPS
USE : 4-5.5mm² (L/N) THHN + 1-5.5mm² (G) TW IN 20mmø IMC (Y5.5)
MAIN : 30AT, 100AF, 3P, 400V, 10 KAIC MCCB

POWER PANEL "LP6" (EXISTING)
LOCATION : EE ROOM
MOUNTING : NEMA 1, SURFACE MOUNTED WITH GRAY POWDER COATED FINISH WITH MULTI-TERMINAL BLOCK FOR SOLID GROUND AND NEUTRAL BUS.

CKT. NO.	LOAD DESCRIPTION	VOLT	VOLT AMPERE	AMPERE LOAD #AN	#BN	#CN	#ABC	PROTECTION AT	AF	P	KAIC	TYPE	NUMBER & SIZE OF WIRE & CONDUIT
1	LIGHTS	400/230	164	0.71				20	100	1	10	MCCB	2-3.5mm² (L/N) THHN + 1-3.5mm² (G) TW IN 15mmØC
2	LIGHTS		792	3.44									
3	LIGHTS		216		0.94								
4	LIGHTS		648		2.82								
5	LIGHTS		432			1.88							
6	LIGHTS		540			2.35							
7	LIGHTS		108	0.47									
8	LIGHTS		550	2.39									
9	LIGHTS		432		1.88								
10	LIGHTS		432		1.88								
11	LIGHTS		216			0.94							
12	LIGHTS		792			3.44							
13	SPARE		250	1.09									15mmØC
14	SPARE		250	1.09									
15	SPARE		250		1.09								
16	SPARE		250		1.09								
17	SPARE		250			1.09							
18	SPACE		–			–		–					–
				9.19	9.70	9.70							

I_L = 9.70 AMPS
USE : 4-5.5mm² (L/N) THHN + 1-5.5mm² (G) TW IN 20mmø IMC (Y5.5)
MAIN : 30AT, 100AF, 3P, 400V, 10 KAIC MCCB

POWER PANEL "LP7" (EXISTING)
LOCATION : EE ROOM
MOUNTING : NEMA 1, SURFACE MOUNTED WITH GRAY POWDER COATED FINISH WITH MULTI-TERMINAL BLOCK FOR SOLID GROUND AND NEUTRAL BUS.

CKT. NO.	LOAD DESCRIPTION	VOLT	VOLT AMPERE	AMPERE LOAD #AN	#BN	#CN	#ABC	PROTECTION AT	AF	P	KAIC	TYPE	NUMBER & SIZE OF WIRE & CONDUIT
1	LIGHTS	400/230	956	4.16				20	100	1	10	MCCB	2-3.5mm² (L/N) THHN + 1-3.5mm² (G) TW IN 15mmØC
2	LIGHTS		576	2.50									
3	LIGHTS		908		3.95								
4	ELEVATOR LIGHTS (7F-12F)		450		1.96								
5	ELEVATOR LIGHTS (7F-12F)		450			1.96							
6	LIGHTS		1028			4.47							
7	LIGHTS		862	3.75									
8	LIGHTS		966	4.20									
9	LIGHTS		706		3.07								
10	LIGHTS		420		1.83								
11	LIGHTS		944			4.10							
12	LIGHTS		540			2.35							
13	LIGHTS		922	4.01									
14	LIGHTS		190	0.83									
15	LIGHTS		806		3.50								
16	LIGHTS		1316		5.72								
17	LIGHTS		1292			5.62							
18	LIGHTS		432			5.64							
19	LIGHTS		1298	1.88									
20	LIGHTS		1028	4.47									
21	LIGHTS		1028		4.47								
22	LIGHTS		282		1.23								
23	CCTV RACK		1000			4.35							
24	SPACE		–			–		–					–
				25.80	25.73	28.49							

I_L = 28.49 AMPS
USE : 4-8.0mm² (L/N) THHN + 1-5.5mm² (G) TW IN 25mmø IMC (Y8.0)
MAIN : 40AT, 100AF, 3P, 400V, 10 KAIC MCCB

POWER PANEL "LP9" (EXISTING)
LOCATION : EE ROOM
MOUNTING : NEMA 1, SURFACE MOUNTED WITH GRAY POWDER COATED FINISH WITH MULTI-TERMINAL BLOCK FOR SOLID GROUND AND NEUTRAL BUS.

CKT. NO.	LOAD DESCRIPTION	VOLT	VOLT AMPERE	AMPERE LOAD #AN	#BN	#CN	#ABC	PROTECTION AT	AF	P	KAIC	TYPE	NUMBER & SIZE OF WIRE & CONDUIT
1	LIGHTS	400/230	768	3.75				20	100	1	10	MCCB	2-3.5mm² (L/N) THHN + 1-3.5mm² (G) TW IN 15mmØC
2	LIGHTS		576	2.50									
3	LIGHTS		894		3.89								
4	LIGHTS		946		4.11								
5	LIGHTS		524			2.28							
6	LIGHTS		498			2.16							
7	LIGHTS		698	3.03									
8	LIGHTS		626	2.72									
9	LIGHTS		636		2.76								
10	LIGHTS		348		1.51								
11	LIGHTS		262			1.14							
12	LIGHTS		1254			5.45							
13	LIGHTS AT BASKETBALL COURT		1500	6.52									
14	SPARE		250	1.09									15mmØC
15	LIGHTS AT BASKETBALL COURT		1500		6.52								2-3.5mm² (L/N) THHN + 1-3.5mm² (G) TW IN 15mmØC
16	SPACE		–		–			–					
17	LIGHTS AT BASKETBALL COURT		1500			6.52		20					2-3.5mm² (L/N) THHN + 1-3.5mm² (G) TW IN 15mmØC
18	SPARE		250			1.09							15mmØC
				19.61	18.79	18.64							

I_L = 19.61 AMPS
USE : 4-8.0mm² (L/N) THHN + 1-5.5mm² (G) TW IN 25mmø IMC (Y8.0)
MAIN : 50AT, 100AF, 3P, 400V, 10 KAIC MCCB

POWER PANEL "LP10" (EXISTING)
LOCATION : EE ROOM
MOUNTING : NEMA 1, SURFACE MOUNTED WITH GRAY POWDER COATED FINISH WITH MULTI-TERMINAL BLOCK FOR SOLID GROUND AND NEUTRAL BUS.

CKT. NO.	LOAD DESCRIPTION	VOLT	VOLT AMPERE	AMPERE LOAD #AN	#BN	#CN	#ABC	PROTECTION AT	AF	P	KAIC	TYPE	NUMBER & SIZE OF WIRE & CONDUIT
1	LIGHTS	400/230	262	1.14				20	100	1	10	MCCB	2-3.5mm² (L/N) THHN + 1-3.5mm² (G) TW IN 15mmØC
2	LIGHTS		576	2.50									
3	LIGHTS		1146		4.98								
4	LIGHTS		1234		5.36								
5	LIGHTS		1018			4.43							
6	LIGHTS		1018			4.43							
7	LIGHTS		1234	5.36									
8	LIGHTS		1008	4.38									
9	LIGHTS		1136		4.94								
10	LIGHTS		1172		5.10								
11	LIGHTS		1090			4.74							
12	LIGHTS		1018			4.43							
13	LIGHTS		730	3.17									
14	LIGHTS		1676	7.29									
15	LIGHTS		2108		9.16								
16	LIGHTS		956		4.16								
17	LIGHTS		1388			6.03							
18	LIGHTS		812			3.53							
19	LIGHTS		1408	6.12									
20	LIGHTS		646	2.81									
21	LIGHTS		636		2.76								
22	LIGHTS		1100		4.78								
23	CONVENIENCE OUTLETS		1440			6.26							
24	CONVENIENCE OUTLETS		1440			6.26							
25	CONVENIENCE OUTLETS		1440	6.26									
26	SPACE		–		–			–					–
				39.03	41.24	40.11							

I_L = 41.24 AMPS
USE : 4-14mm² (L/N) THHN + 1-5.5mm² (G) TW IN 25mmø IMC (Y14)
MAIN : 60AT, 100AF, 3P, 400V, 10 KAIC MCCB

LIGHTING PANEL "LP11" (EXISTING)
LOCATION : EE ROOM
MOUNTING : NEMA 1, SURFACE MOUNTED WITH GRAY POWDER COATED FINISH WITH MULTI-TERMINAL BLOCK FOR SOLID GROUND AND NEUTRAL BUS.

CKT. NO.	LOAD DESCRIPTION	VOLT	VOLT AMPERE	AMPERE LOAD #AN	#BN	#CN	#ABC	PROTECTION AT	AF	P	KAIC	TYPE	NUMBER & SIZE OF WIRE & CONDUIT
1	LIGHTS	400/230	262	1.14				20	100	1	10	MCCB	2-3.5mm² (L/N) THHN + 1-3.5mm² (G) TW IN 15mmØC
2	LIGHTS		576	2.50									
3	LIGHTS		1182		5.14								
4	LIGHTS		976		4.24								
5	LIGHTS		956			4.16							
6	LIGHTS		1172			5.10							
7	LIGHTS		1270	5.52									
8	LIGHTS		956	4.16									
9	LIGHTS		612		2.66								
10	LIGHTS		612		2.66								
11	LIGHTS		1242			5.40							
12	LIGHTS		1624			7.06							
13	LIGHTS		1206	5.24									
14	LIGHTS		1578	6.86									
15	LIGHTS		1532		6.66								
16	LIGHTS		1378		5.99								
17	LIGHTS		1234			5.36							
18	LIGHTS		1470			6.39							
19	LIGHTS		1090	4.74									
20	LIGHTS		1074	4.67									
21	LIGHTS		1172		5.10								
22	LIGHTS		554		2.41								
23	SPARE		250			1.09							15mmØC
24	SPARE		250			1.09							
				34.83	34.85	35.65							

I_L = 35.65 AMPS
USE : 4-22mm² (L/N) THHN + 1-8.0mm² (G) TW IN 32mmø IMC (Y22)
MAIN : 80AT, 100AF, 3P, 400V, 10 KAIC MCCB

LIGHTING PANEL "LP12" (EXISTING)
LOCATION : EE ROOM
MOUNTING : NEMA 1, SURFACE MOUNTED WITH GRAY POWDER COATED FINISH WITH MULTI-TERMINAL BLOCK FOR SOLID GROUND AND NEUTRAL BUS.

CKT. NO.	LOAD DESCRIPTION	VOLT	VOLT AMPERE	AMPERE LOAD #AN	#BN	#CN	#ABC	PROTECTION AT	AF	P	KAIC	TYPE	NUMBER & SIZE OF WIRE & CONDUIT
1	LIGHTS	400/230	262	1.14				20	100	1	10	MCCB	2-3.5mm² (L/N) THHN + 1-3.5mm² (G) TW IN 15mmØC
2	LIGHTS		576	2.50									
3	LIGHTS		242		1.05								
4	LIGHTS		1018		4.43								
5	LIGHTS		1090			4.74							
6	LIGHTS		1018			4.43							
7	LIGHTS		1090	4.74									
8	LIGHTS		1018	4.43									
9	LIGHTS		1018		4.43								
10	LIGHTS		1018		4.43								
11	LIGHTS		874			3.80							
12	LIGHTS		1120			4.87							
13	LIGHTS		946	4.11									
14	LIGHTS		1244	5.41									
15	LIGHTS		1100		4.78								
16	LIGHTS		1388		6.03								
17	LIGHTS		720			3.13							
18	LIGHTS		1100			4.78							
19	LIGHTS		1100	4.78									
20	LIGHTS		714	3.10									
21	LIGHTS		426		1.85								
22	LIGHTS		846		3.68								
23	LIGHTS		646			2.81							
24	LIGHTS		636			2.76							
25	SPARE		250	1.09									15mmØC
26	SPACE		–		–			–					–
				31.30	30.68	31.32							

I_L = 31.32 AMPS
USE : 4-22mm² (L/N) THHN + 1-8.0mm² (G) TW IN 32mmø IMC (Y22)
MAIN : 80AT, 100AF, 3P, 400V, 10 KAIC MCCB

LIGHTING PANEL "LP14" (EXISTING)
LOCATION : EE ROOM
MOUNTING : NEMA 1, SURFACE MOUNTED WITH GRAY POWDER COATED FINISH WITH MULTI-TERMINAL BLOCK FOR SOLID GROUND AND NEUTRAL BUS.

CKT. NO.	LOAD DESCRIPTION	VOLT	VOLT AMPERE	AMPERE LOAD #AN	#BN	#CN	#ABC	PROTECTION AT	AF	P	KAIC	TYPE	NUMBER & SIZE OF WIRE & CONDUIT
1	LIGHTS	400/230	262	1.14				20	100	1	10	MCCB	2-3.5mm² (L/N) THHN + 1-3.5mm² (G) TW IN 15mmØC
2	LIGHTS		576	2.50									
3	LIGHTS		412		1.79								
4	ELEVATOR LIGHTS (14F-19F)		450		1.96								
5	ELEVATOR LIGHTS (14F-19F)		450			1.96							
6	STAIR LIGHTS (14F-ROOFDECK)		1200			5.22							
7	STAIR LIGHTS (14F-ROOFDECK)		1200	5.22									
8	EL & EXL (14F-ROOFECK)		575	2.50									
9	EL & EXL (14F-ROOFECK)		575		2.50								
10	LIGHTS		1018		4.43								
11	LIGHTS		1090			4.74							
12	LIGHTS		1018			4.43							
13	LIGHTS		1388	6.03									
14	LIGHTS		1080	4.70									
15	LIGHTS		1100		4.78								
16	LIGHTS		1120		4.87								
17	LIGHTS		946			4.11							
18	LIGHTS		982			4.27							
19	LIGHTS		1008	4.38									
20	LIGHTS		1100	4.78									
21	LIGHTS		1624		7.06								
22	LIGHTS		1090		4.74								
23	LIGHTS		1018			4.43							
24	LIGHTS		1090			4.74							
25	LIGHTS		962	4.18									
26	LIGHTS		534	2.32									
27	LIGHTS		646		2.81								
28	LIGHTS		363		1.58								
29	LIGHTS		806			3.50							
30	SPARE		250			1.09							15mmØC
31	SPACE		–	–				–					–
32	SPACE		–	–				–					–
				37.72	36.52	38.49							

I_L = 38.49 AMPS
USE : 4-22mm² (L/N) THHN + 1-8.0mm² (G) TW IN 32mmø IMC (Y22)
MAIN : 80AT, 100AF, 3P, 400V, 10 KAIC MCCB

LIGHTING PANEL "LP15" (EXISTING)
LOCATION : EE ROOM
MOUNTING : NEMA 1, SURFACE MOUNTED WITH GRAY POWDER COATED FINISH WITH MULTI-TERMIN