ESMSB- R

ITEM	S/WINTER			
	R	Y	B	TOTAL
LIFT-1	6500	6500	6500	19500
L.P.F-UR-1	2000	2000	2000	6000
L.P.F-UR-2	2000	2000	2000	6000
L.P.F-UR-3	2000	2000	2000	6000
S.P.F-UR-1	2000	2000	2000	6000
S.P.F-R-1	2000	2000	2000	6000
Lobby .P.F-R-1	2000	2000	2000	6000
TOTAL	18500	18500	18500	55500

T.C.L.D = 55.500 KW

EMSB-GN

ITEM	S/WINTER			
	R	Y	B	TOTAL
ESMSB-R	18500	18500	18500	55500
ESMSB-4th	16000	16000	16000	48000
DB-S/ST	2987	2371	3071	8428
EDB-MD	1950	1500	1650	5100
30A TPN ISOL-SP.PUMP-SET	2933	2933	2933	8800
30A TPN ISOL-SEWAGE .PUMP-SET	2933	2933	2933	8800
30A TPN ISOL-WASTE .PUMP-SET	2933	2933	2933	8800
F.A.F-G-1	2000	2000	2000	6000
F.A.F-G-2	2000	2000	2000	6000
F.A.F-G-3	2000	2000	2000	6000
F.A.F-G-4	2000	2000	2000	6000
S.E.F-F-1	2000	2000	2000	6000
S.E.F-F-2	2000	2000	2000	6000
S.E.F-F-3	2000	2000	2000	6000
S.E.F-F-4	2000	2000	2000	6000
JOCKY PUMP	5000	5000	5000	15000
F.F.P-1	50000	50000	50000	150000
F.F.P-2 S/BY	50000	50000	50000	150000
TOTAL	119237	118171	119021	356428

T.C.L.D = 356.428 KW

ST/BY = 150.000 KW

ESMSB-4rd

ITEM	S/WINTER			
	R	Y	B	TOTAL
S.E.F-4th-1	2000	2000	2000	6000
S.E.F-4th-2	2000	2000	2000	6000
S.E.F-4th-3	2000	2000	2000	6000
S.E.F-4th-4	2000	2000	2000	6000
FA.F-4th-1	2000	2000	2000	6000
FA.F-4th-2	2000	2000	2000	6000
FA.F-4th-3	2000	2000	2000	6000
FA.F-4th-4	2000	2000	2000	6000
TOTAL	16000	16000	16000	48000

SMSB-Pool

ITEM	S/WINTER			
	R	Y	B	TOTAL
100A TPN ISOL-S.P. WH-3rd	13333	13333	13333	40000
30A TPN ISOL-SP.PUMP-3rd	1667	1667	1667	5000
30A TPN ISOL-SP.PUMP-K	1667	1667	1667	5000
100A TPN ISOL-S.P. WH-K	8000	8000	8000	24000
TOTAL	24667	24667	24667	74000

SMSB- R

ITEM	S/WINTER			
	R	Y	B	TOTAL
LIFT-2	6500	6500	6500	19500
LIFT-3	6500	6500	6500	19500
B PUMP SET	733	733	733	2200
DB - R	**2104**	**2988**	**2550**	7642
				0
TOTAL	15837	16721	16283	48842
		T.C.L.D =	**48.842**	**KW**

MSB-4th

ITEM	S/WINTER			
	R	Y	B	TOTAL
DB-T	4897	5397	4550	14843
DB-4L	2410	1690	2780	6880
DB-4P	5300	6700	4900	16900
DB-S5	2384	2168	2020	6572
DB-S15	1844	1628	1480	4952
DB-S20	2384	1988	2110	6482
SMSB-R	15837	16721	16283	48842
SMSB-POOL	24667	24667	24667	74000
TOTAL	59723	60959	58790	179471
		T.C.L.D =	**179.471**	**KW**

MSB-S

ITEM	S/WINTER			
	R	Y	B	TOTAL
150A TPN ISOL-LP.PUMP-SET	15000	15001	15002	45003
100A TPN ISOL-S.P. WH-B	13333	13333	13333	40000
30A TPN ISOL-SP.PUMP-B	1667	1668	1669	5003
DB-BL	2340	2780	2460	7580
DB-BP	4667	5367	4567	14600
DB-GL	2670	2230	1430	6330
DB-GP	4600	5600	4700	14900
DB-F	3030	3110	1790	7930
DB-2nd	4567	5127	2850	12543
MSB-4th	59723	60959	58790	179471
ESMSB-GN	119237	118171	119021	356428
TOTAL	230833	233345	225611	689789
		T.C.L.D =	**689.789**	**KW**

BD-1

ITEM	S/WINTER			
	R	Y	B	TOTAL
DB-5A	7833	7863	8044	23741
DB-5B	7873	7693	7994	23561
DB-6A	7693	7994	7873	23561
DB-6B	7994	7873	7693	23561
DB-7A	7873	7693	7994	23561
DB-7B	7693	7994	7873	23561
DB-8A	7994	7873	7693	23561
DB-8B	7873	7693	7994	23561
DB-9A	7873	7693	7994	23561
DB-9B	7693	7994	7873	23561
DB-10A	7994	7873	7693	23561
DB-10B	7873	7693	7994	23561
DB-11A	7693	7994	7873	23561
DB-11B	7994	7873	7693	23561
DB-12A	7873	7693	7994	23561
DB-12B	7693	7994	7873	23561
DB-13A	7693	7994	7873	23561
DB-13B	7994	7873	7693	23561
DB-14A	7873	7693	7994	23561
DB-14B	7693	7994	7873	23561
DB-15A	7994	7873	7693	23561
DB-15B	7873	7693	7994	23561
DB-16A	7693	7994	7873	23561
DB-16B	7994	7873	7693	23561
DB-17A	7873	7693	7994	23561
DB-17B	7693	7994	7873	23561
DB-18A	7994	7873	7693	23561
DB-18B	7873	7693	7994	23561
DB-19A	7693	7994	7873	23561
DB-19B	7994	7873	7693	23561
DB-20A	7873	7693	7994	23561
DB-20B	7693	7994	7873	23561
DB-21A	7693	7994	7873	23561
DB-21B	7994	7873	7693	23561
DB-22A	7873	7693	7994	23561
DB-22B	7693	7994	7873	23561
DB-23A	7994	7873	7693	23561
DB-23B	7873	7693	7994	23561
DB-24B	6820	8390	8510	23720
DB-25B	7320	8190	8510	24020
SMSB-24A	13013	13193	11913	38120
SMSB-26B	12493	11733	12383	36610
SMSB-SH	13000	13000	13000	39000
TOTAL	350784	352916	353267	1056968

T.C.L.D = 1056.968 KW

SMSB-24A 24th Floor

ITEM	S/WINTER			
	R	Y	B	TOTAL
DB-24AL	4080	3660	3180	10920
DB-24AP	8933	9533	8733	27200
TOTAL	**13013**	**13193**	**11913**	**38120**

T.C.L.D = 38.120 KW

SMSB-26B 26th Floor

ITEM	S/WINTER			
	R	Y	B	TOTAL
DB-26BL	3560	2900	3250	9710
DB-26BP	8933	8833	9133	26900
TOTAL	12493	11733	12383	36610

T.C.L.D = 36.610 KW

MSB-SHOP

ITEM	S/WINTER			
	R	Y	B	TOTAL
DB -SHOP	4000	4000	4000	12000
30 TPN ISOL-CU-SH1	2000	2000	2000	6000
31 TPN ISOL-CU-SH1	2000	2000	2000	6000
30 TPN ISOL-KEQ-1	2000	2000	2000	6000
30 TPN ISOL-KEQ-3	3000	3000	3000	9000
TOTAL	13000	13000	13000	39000

T.C.L.D = 39.000 KW

MLTB 1

ITEM	S/WINTER			
	R	Y	B	TOTAL
MSB-S	230833	233345	225611	689789
BD-1	350784	352916	353267	1056968
TOTAL	581617	586261	578879	1746757

T.C.L.D = 1746.757 KW

DB-S5 — *TYPICAL FLOOR*

6 WAYS TP+N BOARD THROUGH 100A,T.P.ISOLATOR +3 NOS 40A HRC FUSES

Circuit No.	Ph.	Cable Size (mm²)	MCB Rating Amp	Type of Load	Detail of Load	Controlled By	Load in Watts R	Y	B
PART:1 LIGHT				**CONTROLLED BY E.L.C.B 40A,4P,300mA**					
1	R	2.5	10	LIGHT - 5F	18*30	SW.S	504		
	Y	2.5	10	LIGHT - 6F	18*30	SW.S		288	
	B	2.5	10	LIGHT - 7F	18*30	SW.S			540
2	R	2.5	10	LIGHT - 8F	18*30	SW.S	540		
	Y	2.5	10	LIGHT - 9F	18*30	SW.S		540	
	B	2.5	10	LIGHT -10F	18*30	SW.S			540
3	R	2.5	10	LIGHT - 11F	18*30	SW.S	540		
	Y	2.5	10	LIGHT - 12F	18*30	SW.S		540	
	B	2.5	10	LIGHT - 13F	18*30	SW.S			540
4	R		10	SPARE	0*0		0		
	Y		10	SPARE	0*0			0	
	B		10	SPARE	0*0				0
PART:2 POWER				**CONTROLLED BY E.L.C.B 40A,4P,30mA**					
5	R	4	16	POWER (LIFT LOBBY)	4*100	SW.COMB	400		
	Y	4	16	POWER (LIFT LOBBY)	4*100	SW.COMB		400	
	B	4	16	POWER (LIFT LOBBY)	4*100	SW.COMB			400
6	R	4	16	POWER (LIFT LOBBY)	4*100	SW.COMB	400		
	Y	4	16	POWER (LIFT LOBBY)	4*100	SW.COMB		400	
	B		16	SPARE	0*0				0
				TOTAL = (kW)	**6572.0**		**2384**	**2168**	**2020**

DB-S15 — *TYPICAL FLOOR*

6 WAYS TP+N BOARD THROUGH 100A,T.P.ISOLATOR +3 NOS 40A HRC FUSES

Circuit No.	Ph.	Cable Size (mm²)	MCB Rating Amp	Type of Load	Detail of Load	Controlled By	Load in Watts R	Y	B
PART:1 LIGHT				**CONTROLLED BY E.L.C.B 40A,4P,300mA**					
1	R	2.5	10	LIGHT - 14F	18*30	SW.S	504		
	Y	2.5	10	LIGHT - 15F	18*30	SW.S		288	
	B	2.5	10	LIGHT -16F	18*30	SW.S			540
2	R	2.5	10	LIGHT - 17F	18*30	SW.S	540		
	Y	2.5	10	LIGHT - 18F	18*30	SW.S		540	
	B	2.5	10	LIGHT -19F	18*30	SW.S			540
3	R		10	SPARE	0*0		0		
	Y		10	SPARE	0*0			0	
	B		10	SPARE	0*0				0
4	R		10	SPARE	0*0		0		
	Y		10	SPARE	0*0			0	
	B		10	SPARE	0*0				0
PART:2 POWER				**CONTROLLED BY E.L.C.B 40A,4P,30mA**					
5	R	4	16	POWER (LIFT LOBBY)	4*100	SW.COMB	400		
	Y	4	16	POWER (LIFT LOBBY)	4*100	SW.COMB		400	
	B	4	16	POWER (LIFT LOBBY)	4*100	SW.COMB			400
6	R	4	16	POWER (LIFT LOBBY)	4*100	SW.COMB	400		
	Y	4	16	POWER (LIFT LOBBY)	4*100	SW.COMB		400	
	B		16	SPARE	0*0				0
				TOTAL = (kW)	**4952.0**		**1844**	**1628**	**1480**

DB-S20 — *TYPICAL FLOOR*

6 WAYS TP+N BOARD THROUGH 100A,T.P.ISOLATOR +3 NOS 40A HRC FUSES

Circuit		Cable Size	MCB Rating	Type of Load	Detail of Load	Controlled By	Load in Watts		
No.	Ph.	(mm²)	Amp				R	Y	B
PART:1 LIGHT				**CONTROLLED BY E.L.C.B 40A,4P,300mA**					
1	R	2.5	10	LIGHT - 20F	18*30	SW.S	504		
	Y	2.5	10	LIGHT - 21F	18*30	SW.S		288	
	B	2.5	10	LIGHT - 22F	18*30	SW.S			540
2	R	2.5	10	LIGHT - 23F	18*30	SW.S	540		
	Y	2.5	10	LIGHT - 24F	18*30	SW.S		540	
	B	2.5	10	LIGHT -25F	18*30	SW.S			540
3	R	2.5	10	LIGHT - 26F	18*30	SW.S	540		
	Y	2.5	10	LIGHT - 26F	12*30	SW.S		360	
	B	2.5	10	LIGHT -27F	21*30	SW.S			630
4	R		10	SPARE	0*0		0		
	Y		10	SPARE	0*0			0	
	B		10	SPARE	0*0				0
PART:2 POWER				**CONTROLLED BY E.L.C.B 40A,4P,30mA**					
5	R	4	16	POWER (LIFT LOBBY)	4*100	SW.COMB	400		
	Y	4	16	POWER (LIFT LOBBY)	4*100	SW.COMB		400	
	B	4	16	POWER (LIFT LOBBY)	4*100	SW.COMB			400
6	R	4	16	POWER (LIFT LOBBY)	4*100	SW.COMB	400		
	Y	4	16	POWER (LIFT LOBBY)	4*100	SW.COMB		400	
	B		16	SPARE	0*0				0
				TOTAL = (kW)	**6482.0**		**2384**	**1988**	**2110**

EDB-MD

6 WAYS TP+N BOARD THROUGH 100A,T.P.ISOLATOR +3 NOS 40A HRC FUSES

Circuit		Cable Size	MCB Rating	Type of Load	Detail of Load	Controlled By	Load in Watts		
No.	Ph.	(mm²)	Amp				R	Y	B
PART:2 POWER				**CONTROLLED BY E.L.C.B 40A,4P,30mA**					
1	R	4	16	**POWER**	2*150	SW.COMB	300		
	Y	4	16	**POWER**	2*150	SW.COMB		300	
	B	4	16	**POWER**	2*150	SW.COMB			300
2	R	4	16	**POWER**	2*150	SW.COMB	300		
	Y	4	16	**POWER**	2*150	SW.COMB		300	
	B	4	16	**Pmd-4..Pmd6**	3*150	SW.COMB			450
1	R	4	16	**Pmd-7..Pmd9**	3*150	SW.COMB	450		
	Y	4	16	**Pmd-10..Pmd12**	3*150	SW.COMB		450	
	B	4	16	**Pmd-13..Pmd15**	3*150	SW.COMB			450
2	R	4	16	**Pmd-16..Pmd18**	3*150	SW.COMB	450		
	Y	4	16	**Pmd-19..Pmd21**	3*150	SW.COMB		450	
	B	4	16	**Pmd-22..Pmd24**	3*150	SW.COMB			450
2	R	4	16	**Pmd-25..Pmd27**	3*150	SW.COMB	450		
	Y		16	SPARE	0*0			0	
	B		16	SPARE	0*0				0
2	R		16	SPARE	0*0		0		
	Y		16	SPARE	0*0			0	
	B		16	SPARE	0*0				0
				TOTAL = (kW)	**5100.0**		**1950**	**1500**	**1650**

DB LOAD SCHEDULE

DB-5A				*TYPICAL FLOOR*			6th TO 23th Floor		
12 WAYS TP+N BOARD THROUGH 100A,T.P.ISOLATOR +3 NOS 40A HRC FUSES									
Circuit		Cable Size (mm^2)	MCB Rating Amp	Type of Load	Detail of Load	Controlled By	Load in Watts		
No.	Ph.						R	Y	B
PART:1 LIGHT				CONTROLLED BY E.L.C.B 40A,4P,300mA					
1	R	2.5	10	LIGHT	15*10	SW.S	150		
	Y	2.5	10	LIGHT	11*10	SW.S		110	
	B	2.5	10	LIGHT	20*10	SW.S			200
2	R	2.5	10	LIGHT	15*10	SW.S	150		
	Y	2.5	10	LIGHT	17*10	SW.S		170	
	B		10	SPARE	0*0				0
3	R		10	SPARE	0*0		0		
	Y		10	SPARE	0*0			0	
	B		10	SPARE	0*0				0
4	R		10	SPARE	0*0		0		
	Y		10	SPARE	0*0			0	
	B		10	SPARE	0*0				0
PART:2 POWER				CONTROLLED BY E.L.C.B 40A,4P,30mA					
5	R	4	16	**JB-WH-1**	1*1500	20A DP SW	1500		
	Y	4	16	**JB-WH-2**	1*1500	20A DP SW		1500	
	B	4	16	**JB-WH-3**	1*1500	20A DP SW			1500
6	R	4	16	**POWER**	5*200	20A DP SW	1000		
	Y	4	16	**POWER**	5*200	20A DP SW		1000	
	B	4	16	**POWER**	6*200	SW.COMB			700
7	R	4	16	**POWER**	2*200	20A DP SW	400		
	Y	4	16	**POWER**	2*500	20A DP SW		1000	
	B	4	16	**POWER**	3*500	SW.COMB			1500
8	R	4	16	**POWER**	3*500	SW.COMB	1500		
	Y	4	16	**POWER**	2*500	SW.COMB		1000	
	B	4	16	**POWER**	4*200	20A DP SW			800
9	R	4	16	**POWER**	3*100	SW.COMB	300		
	Y	4	16	**JB-AHU-5A.1**	1*250	20A DP SW		250	
	B	4	16	**JB-AHU-5A.2**	1*511	20A DP SW			511
10	R		16	**SPARE**	0*0		0		
	Y		16	**SPARE**	0*0			0	
	B		16	**SPARE**	0*0				0
11	R	4	20A TP	CU-5A.1	1*4000	ISOL	1333.3		
	Y							1333.3	
	B								1333.3
12	R	4	20A TP	CU-5A.2	1*4500	ISOL	1500.0		
	Y							1500.0	
	B								1500.0
				TOTAL = (kW)	**23741.0**		**7833**	**7863**	**8044**

DB LOAD SCHEDULE

DB-5B				*TYPICAL FLOOR*			6th TO 23th Floor		
12 WAYS TP+N BOARD THROUGH 100A,T.P.ISOLATOR +3 NOS 40A HRC FUSES									
Circuit		Cable Size (mm^2)	MCB Rating Amp	Type of Load	Detail of Load	Controlled By	Load in Watts		
No.	Ph.						R	Y	B
PART:1 LIGHT				CONTROLLED BY E.L.C.B 40A,4P,300mA					
1	R	2.5	10	LIGHT	15*10	SW.S	150		
	Y	2.5	10	LIGHT	15*10	SW.S		150	
	B	2.5	10	LIGHT	15*10	SW.S			150
2	R	2.5	10	LIGHT	19*10	SW.S	190		
	Y	2.5	10	LIGHT	16*10	SW.S		160	
	B		10	SPARE	0*0				0
3	R		10	SPARE	0*0		0		
	Y		10	SPARE	0*0			0	
	B		10	SPARE	0*0				0
4	R		10	SPARE	0*0		0		
	Y		10	SPARE	0*0			0	
	B		10	SPARE	0*0				0
PART:2 POWER				CONTROLLED BY E.L.C.B 40A,4P,30mA					
5	R	4	16	**JB-WH-1**	1*1500	20A DP SW	1500		
	Y	4	16	**JB-WH-2**	1*1500	20A DP SW		1500	
	B	4	16	**JB-WH-3**	1*1500	20A DP SW			1500
6	R	4	16	**POWER**	5*200	20A DP SW	1000		
	Y	4	16	**POWER**	6*200	20A DP SW		1200	
	B	4	16	**POWER**	6*200	SW.COMB			700
7	R	4	16	**POWER**	2*200	20A DP SW	400		
	Y	4	16	**POWER**	2*500	20A DP SW		1000	
	B	4	16	**POWER**	3*500	SW.COMB			1500
8	R	4	16	**POWER**	3*500	SW.COMB	1500		
	Y	4	16	**POWER**	3*200	SW.COMB		600	
	B	4	16	**POWER**	4*200	20A DP SW			800
9	R	4	16	**POWER**	3*100	SW.COMB	300		
	Y	4	16	**JB-AHU-5B.1**	1*250	20A DP SW		250	
	B	4	16	**JB-AHU-5B.2**	1*511	20A DP SW			511
10	R		16	**SPARE**	0*0		0		
	Y		16	**SPARE**	0*0			0	
	B		16	**SPARE**	0*0				0
11	R	4	20A TP	CU-5B.1	1*4000	ISOL	1333.3		
	Y							1333.3	
	B								1333.3
12	R	4	20A TP	CU-5B.2	1*4500	ISOL	1500.0		
	Y							1500.0	
	B								1500.0
				TOTAL = (kW)	**23561.0**		**7873**	**7693**	**7994**

DB LOAD SCHEDULE

DB-24AL — ***TYPICAL FLOOR***

10 WAYS TP+N BOARD THROUGH 100A,T.P.ISOLATOR +3 NOS 40A HRC FUSES

Circuit		Cable Size (mm^2)	MCB Rating Amp	Type of Load	Detail of Load	Controlled By	Load in Watts		
No.	Ph.						R	Y	B
PART:1 LIGHT				**CONTROLLED BY E.L.C.B 40A,4P,300mA**					
1	R	2.5	10	LIGHT	14*10	SW.S	140		
	Y	2.5	10	LIGHT	20*10	SW.S		200	
	B	2.5	10	LIGHT	5*10	SW.S			50
2	R	2.5	10	LIGHT	15*10	SW.S	150		
	Y	2.5	10	LIGHT	18*10	SW.S		180	
	B	2.5	10	LIGHT	11*10	SW.S			110
3	R	2.5	10	LIGHT	14*10	SW.S	140		
	Y	2.5	10	LIGHT	16*10	SW.S		160	
	B	2.5	10	LIGHT	11*10	SW.S			110
4	R	2.5	10	LIGHT	4*100	SW.S	400		
	Y	2.5	10	LIGHT	6*20	SW.S		120	
	B	2.5	10	LIGHT	16*10	SW.S			160
5	R	4	16	**JB-AHU-24A.1**	1*250	20A DP SW	250		
	Y	4	16	**JB-AHU-24A.2**	1*500	20A DP SW		500	
	B	4	16	**JB-AHU-25A.1**	1*250	20A DP SW			250
6	R	4	16	**JB-AHU-25A.2**	1*500	20A DP SW	500		
	Y		10	**SPARE**	0*0			0	
	B		10	**SPARE**	0*0				0
5	R	4	20A TP	CU-25A.1	1*3750	ISOL	1250.0		
	Y							1250.0	
	B								1250.0
6	R	4	20A TP	CU-25A.2	1*3750	ISOL	1250.0		
	Y							1250.0	
	B								1250.0
				TOTAL = (kW)	**10920.0**		**4080**	**3660**	**3180**

DB LOAD SCHEDULE

DB-24AP — ***TYPICAL FLOOR***

12 WAYS TP+N BOARD THROUGH 100A,T.P.ISOLATOR +3 NOS 40A HRC FUSES

Circuit		Cable Size (mm^2)	MCB Rating Amp	Type of Load	Detail of Load	Controlled By	Load in Watts		
No.	Ph.						R	Y	B
PART:2 POWER				**CONTROLLED BY E.L.C.B 40A,4P,30mA**					
1	R	4	16	**POWER**	5*200	SW.COMB	1000		
	Y	4	16	**POWER**	2*500	SW.COMB		1000	
	B	4	16	**POWER**	1*1500	SW.COMB			1500
2	R	4	16	**POWER**	2*500	SW.COMB	1000		
	Y	4	16	**POWER**	3*500	SW.COMB		1500	
	B	4	16	**POWER**	2*500	SW.COMB			1000
3	R	4	16	**POWER**	3*200	SW.COMB	600		
	Y	4	16	**POWER**	5*200	SW.COMB		1000	
	B	4	16	**POWER**	6*200	SW.COMB			1200
4	R	4	16	**JB-WH-1**	1*1500	20A DP SW	1500		
	Y	4	16	**JB-WH-2**	1*1500	20A DP SW		1500	
	B	4	16	**JB-WH-3**	1*1500	20A DP SW			1500
5	R	4	16	**JB-WH-4**	1*1500	20A DP SW	1500		
	Y		16	**SPARE**	0*0			0	
	B		16	**SPARE**	0*0				0
6	R		16	**SPARE**	0*0		0		
	Y	4	16	**POWER**	5*200	20A DP SW		1000	
	B	4	16	**POWER**	6*200	20A DP SW			1200
7	R	4	16	**POWER**	2*500	SW.COMB	1000		
	Y	4	16	**POWER**	6*200	20A DP SW		1200	
	B		16	**SPARE**	0*0				0
8	R		16	**SPARE**	0*0		0		
	Y		16	**SPARE**	0*0			0	
	B		16	**SPARE**	0*0				0
9	R	4	20A TP	CU-24A.1	1*2700	ISOL	900.0		
	Y							900.0	
	B								900.0
10	R	4	20A TP	CU-24A.2	1*2700	ISOL	900.0		
	Y							900.0	
	B								900.0
11	R	4	20A TP	Filteration unit	1*1600	ISOL	533.3		
	Y							533.3	
	B								533.3
				TOTAL = (kW)	**27200.0**		**8933**	**9533**	**8733**

DB-24B					***TYPICAL FLOOR***				
12 WAYS TP+N BOARD THROUGH 100A,T.P.ISOLATOR +3 NOS 40A HRC FUSES									
Circuit		**Cable Size (mm^2)**	**MCB Rating Amp**	**Type of Load**	**Detail of Load**	**Controlled By**	**Load in Watts**		
No.	**Ph.**						**R**	**Y**	**B**
PART:1 LIGHT				**CONTROLLED BY E.L.C.B 40A,4P,300mA**					
1	R	2.5	10	LIGHT	6*20	SW.S	120		
	Y	2.5	10	LIGHT	5*100	SW.S		500	
	B	2.5	10	LIGHT	15*10	SW.S			150
2	R	2.5	10	LIGHT	15*10	SW.S	150		
	Y	2.5	10	LIGHT	14*10	SW.S		140	
	B	2.5	10	LIGHT	16*10	SW.S			160
3	R		10	SPARE	0*0		0		
	Y		10	SPARE	0*0			0	
	B		10	SPARE	0*0				0
4	R		10	SPARE	0*0		0		
	Y		10	SPARE	0*0			0	
	B		10	SPARE	0*0				0
PART:2 POWER				**CONTROLLED BY E.L.C.B 40A,4P,30mA**					
5	R	4	16	**POWER**	3*100	SW.COMB	300		
	Y	4	16	**POWER**	6*200	SW.COMB		1200	
	B	4	16	**POWER**	6*200	SW.COMB			1200
6	R	4	16	**POWER**	5*200	SW.COMB	1000		
	Y	4	16	**POWER**	4*200	SW.COMB		800	
	B	4	16	**POWER**	3*500	SW.COMB			1500
7	R	4	16	**POWER**	2*200	SW.COMB	400		
	Y	4	16	**POWER**	2*500	SW.COMB		1000	
	B	4	16	**POWER**	3*500	SW.COMB			1500
8	R	4	16	**JB-WH-1**	1*1500	20A DP SW	1500		
	Y	4	16	**JB-WH-2**	1*1500	20A DP SW		1500	
	B	4	16	**JB-WH-3**	1*1500	20A DP SW			1500
9	R	4	16	**JB-AHU-24B.1**	1*250	20A DP SW	250		
	Y	4	16	**JB-AHU-24B.2**	1*750	20A DP SW		750	
	B		16	**SPARE**	0*0				0
10	R	4	16	**POWER**	3*200	SW.COMB	600		
	Y		16	**SPARE**	0*0			0	
	B		16	**SPARE**	0*0				0
11	R	4	20A TP	CU-24B.1	1*3750	ISOL	1250.0		
	Y							1250.0	
	B								1250.0
12	R	4	20A TP	CU-24B.2	1*3750	ISOL	1250.0		
	Y							1250.0	
	B								1250.0
				TOTAL = (kW)	**23720.0**		**6820**	**8390**	**8510**

DB-25B						*TYPICAL FLOOR*			
12 WAYS TP+N BOARD THROUGH 100A,T.P.ISOLATOR +3 NOS 40A HRC FUSES									
Circuit		Cable Size (mm^2)	MCB Rating Amp	Type of Load	Detail of Load	Controlled By	Load in Watts		
No.	Ph.						R	Y	B
PART:1 LIGHT				CONTROLLED BY E.L.C.B 40A,4P,300mA					
1	R	2.5	10	LIGHT	6*20	SW.S	120		
	Y	2.5	10	LIGHT	5*100	SW.S		500	
	B	2.5	10	LIGHT	15*10	SW.S			150
2	R	2.5	10	LIGHT	15*10	SW.S	150		
	Y	2.5	10	LIGHT	14*10	SW.S		140	
	B	2.5	10	LIGHT	16*10	SW.S			160
3	R		10	SPARE	0*0		0		
	Y		10	SPARE	0*0			0	
	B		10	SPARE	0*0				0
4	R		10	SPARE	0*0		0		
	Y		10	SPARE	0*0			0	
	B		10	SPARE	0*0				0
PART:2 POWER				CONTROLLED BY E.L.C.B 40A,4P,30mA					
5	R	4	16	**POWER**	3*100	SW.COMB	300		
	Y	4	16	**POWER**	6*200	SW.COMB		1200	
	B	4	16	**POWER**	6*200	SW.COMB			1200
6	R	4	16	**POWER**	5*200	SW.COMB	1000		
	Y	4	16	**POWER**	3*200	SW.COMB		600	
	B	4	16	**POWER**	3*500	SW.COMB			1500
7	R	4	16	**POWER**	2*200	SW.COMB	400		
	Y	4	16	**POWER**	2*500	SW.COMB		1000	
	B	4	16	**POWER**	3*500	SW.COMB			1500
8	R	4	16	**JB-WH-1**	1*1500	20A DP SW	1500		
	Y	4	16	**JB-WH-2**	1*1500	20A DP SW		1500	
	B	4	16	**JB-WH-3**	1*1500	20A DP SW			1500
9	R	4	16	**JB-AHU-24B.1**	1*750	20A DP SW	750		
	Y	4	16	**JB-AHU-24B.2**	1*750	20A DP SW		750	
	B		16	**SPARE**	0*0				0
10	R	4	16	**POWER**	3*200	SW.COMB	600		
	Y		16	**SPARE**	0*0			0	
	B		16	**SPARE**	0*0				0
11	R	4	20A TP	CU-24B.1	1*3750	ISOL	1250.0		
	Y							1250.0	
	B								1250.0
12	R	4	20A TP	CU-24B.2	1*3750	ISOL	1250.0		
	Y							1250.0	
	B								1250.0
				TOTAL = (kW)	**24020.0**		**7320**	**8190**	**8510**

DB-26BL ***TYPICAL FLOOR***

10 WAYS TP+N BOARD THROUGH 100A,T.P.ISOLATOR +3 NOS 40A HRC FUSES

Circuit		Cable Size (mm^2)	MCB Rating Amp	Type of Load	Detail of Load	Controlled By	Load in Watts		
No.	Ph.						R	Y	B
PART:1 LIGHT				**CONTROLLED BY E.L.C.B 40A,4P,300mA**					
1	R	2.5	10	LIGHT	12*10	SW.S	120		
	Y	2.5	10	LIGHT	10*10	SW.S		100	
	B	2.5	10	LIGHT	14*10	SW.S			140
2	R	2.5	10	LIGHT	12*10	SW.S	120		
	Y	2.5	10	LIGHT	18*10	SW.S		180	
	B	2.5	10	LIGHT	8*20	SW.S			160
3	R	2.5	10	LIGHT	16*10	SW.S	160		
	Y	2.5	10	LIGHT	22*10	SW.S		220	
	B	2.5	10	LIGHT	11*50	SW.S			550
4	R	2.5	10	LIGHT	16*10	SW.S	160		
	Y		10	SPARE	0*0			0	
	B		10	SPARE	0*0				0
5	R	4	16	**JB-AHU-26B.1**	1*600	20A DP SW	600		
	Y	4	16	**JB-AHU-26B.2**	1*600	20A DP SW		600	
	B	4	16	**JB-AHU-27B.1**	1*600	20A DP SW			600
6	R	4	16	**JB-AHU-27B.2**	1*600	20A DP SW	600		
	Y		10	SPARE	0*0			0	
	B		10	SPARE	0*0				0
5	R	4	20A TP	CU-26B.1	1*2700	ISOL	900.0		
	Y							900.0	
	B								900.0
6	R	4	20A TP	CU-26B.2	1*2700	ISOL	900.0		
	Y							900.0	
	B								900.0
				TOTAL = (kW)	**9710.0**		**3560**	**2900**	**3250**

DB-26BP ***TYPICAL FLOOR***

10 WAYS TP+N BOARD THROUGH 100A,T.P.ISOLATOR +3 NOS 40A HRC FUSES

Circuit		Cable Size (mm^2)	MCB Rating Amp	Type of Load	Detail of Load	Controlled By	Load in Watts		
No.	Ph.						R	Y	B
PART:2 POWER				**CONTROLLED BY E.L.C.B 40A,4P,30mA**					
1	R	4	16	**POWER**	3*100	SW.COMB	300		
	Y	4	16	**POWER**	6*200	SW.COMB		1200	
	B	4	16	**POWER**	5*200	SW.COMB			1000
2	R	4	16	**POWER**	2*500	SW.COMB	1000		
	Y	4	16	**POWER**	1*200	SW.COMB		200	
	B	4	16	**POWER**	6*200	SW.COMB			1200
3	R	4	16	**POWER**	3*100	SW.COMB	300		
	Y	4	16	**POWER**	3*200	SW.COMB		600	
	B	4	16	**POWER**	3*500	SW.COMB			1500
4	R	4	16	**JB-WH-1**	1*1500	20A DP SW	1500		
	Y		16	**SPARE**	0*0			0	
	B	4	16	**JB-WH-2**	1*1500	20A DP SW			1500
5	R		16	**SPARE**	0*0		0		
	Y		16	**SPARE**	0*0			0	
	B		16	**SPARE**	0*0				0
6	R		16	**SPARE**	0*0		0		
	Y	4	16	**POWER**	5*200	SW.COMB		1000	
	B	4	16	**POWER**	5*200	SW.COMB			1000
7	R	4	16	**POWER**	2*500	SW.COMB	1000		
	Y	4	16	**POWER**	2*500	SW.COMB		1000	
	B	4	16	**POWER**	3*200	SW.COMB			600
8	R	4	16	**JB-WH-3**	1*1500	20A DP SW	1500		
	Y	4	16	**JB-WH-4**	1*1500	20A DP SW		1500	
	B		16	**SPARE**	0*0				0
9	R	4	16	**POWER**	1*1000	SW.COMB	1000		
	Y	4	16	**POWER**	2*500	SW.COMB		1000	
	B		16	**SPARE**	0*0				0
10	R	4	20A TP	CU-27B.1	1*2700	ISOL	900.0		
	Y							900.0	
	B								900.0
11	R	4	20A TP	CU-27B.2	1*2700	ISOL	900.0		
	Y							900.0	
	B								900.0
12	R	4	20A TP	Filteration unit	1*1600	ISOL	533.3		
	Y							533.3	
	B								533.3
				TOTAL = (kW)	**26900.0**		**8933**	**8833**	**9133**

DB-BL

10 WAYS TP+N BOARD THROUGH 100A,T.P.ISOLATOR +3 NOS 40A HRC FUSES

Circuit No.	Ph.	Cable Size (mm²)	MCB Rating Amp	Type of Load	Detail of Load	Controlled By	Load in Watts R	Y	B
PART:1 LIGHT				**CONTROLLED BY E.L.C.B 40A,4P,300mA**					
1	R	2.5	10	LIGHT	9*50	SW.S	450		
	Y	2.5	10	LIGHT	19*50	SW.S		950	
	B	2.5	10	LIGHT	10*50	SW.S			500
2	R		16	**SPARE**	0*0		0		
	Y		16	**SPARE**	0*0			0	
	B		16	**SPARE**	0*0				0
3	R	2.5	10	LIGHT	13*10	SW.S	130		
	Y	2.5	10	LIGHT	15*10	SW.S		150	
	B	2.5	10	LIGHT	13*10	SW.S			130
4	R	2.5	10	LIGHT	20*10	SW.S	200		
	Y	2.5	10	LIGHT	24*10	SW.S		240	
	B	2.5	10	LIGHT	9*10	SW.S			90
5	R	2.5	10	LIGHT	18*10	SW.S	180		
	Y		16	**SPARE**	0*0			0	
	B	2.5	10	LIGHT	14*50	SW.S			700
6	R	2.5	10	LIGHT	10*30	SW.S	300		
	Y	2.5	10	LIGHT	17*30	SW.S		510	
	B	2.5	10	LIGHT	14*30	SW.S			420
7	R	2.5	10	LIGHT	26*10	STAIR CASE	260		
	Y	2.5	10	LIGHT	26*10	STAIR CASE		260	
	B	2.5	10	LIGHT	0*0	STAIR CASE			0
8	R	2.5	10	LIGHT	26*10	STAIR CASE	260		
	Y	2.5	10	LIGHT	26*10	STAIR CASE		260	
	B	2.5	10	LIGHT	8*20	STAIR CASE			160
9	R	2.5	10	LIGHT	26*10	LIFT SHHAFT	260		
	Y	2.5	10	LIGHT	26*10	LIFT SHHAFT		260	
	B	2.5	10	LIGHT	26*10	LIFT SHHAFT			260
10	R	2.5	10	LIGHT	6*50	SERVICE AREA	300		
	Y	2.5	10	LIGHT	3*50	SERVICE AREA		150	
	B	2.5	10	LIGHT	4*50	SW.S			200
TOTAL = (kW)					**7580.0**		**2340**	**2780**	**2460**

DB-BP

6 WAYS TP+N BOARD THROUGH 100A,T.P.ISOLATOR +3 NOS 40A HRC FUSES

Circuit No.	Ph.	Cable Size (mm²)	MCB Rating Amp	Type of Load	Detail of Load	Controlled By	Load in Watts R	Y	B
PART:1 POWER				**CONTROLLED BY E.L.C.B 40A,4P,30mA**					
7	R	4	16	**POWER**	4*100	SW.COMB	400		
	Y	4	16	**POWER**	2*200	SW.COMB		400	
	B	4	16	**POWER**	4*100	SW.COMB			400
2	R	2.5	10	**POWER**	3*100	SW.COMB	300		
	Y	2.5	10	**POWER**	2*100	SW.COMB		200	
	B	2.5	10	**POWER**	2*200	SW.COMB			400
3	R	2.5	10	**POWER**	2*200	SW.COMB	400		
	Y	2.5	10	**POWER**	3*200	SW.COMB		600	
	B	2.5	10	**POWER**	3*200	SW.COMB			600
4	R	2.5	10	**POWER**	2*500	SW.COMB	1000		
	Y	2.5	10	**POWER**	2*500	SW.COMB		1000	
	B	4	16	**JB-WH-1**	1*1500	20A DP SW			1500
5	R	4	16	**JB-AHU-B**	1*900	20A DP SW	900		
	Y	4	16	**JB-WH-2**	1*1500	20A DP SW		1500	
	B		16	**SPARE**	0*0				0
6	*R*	*4*6*	*30A TPN*	*CU-B*	*1*5000*	*MCB*	*1666.67*		
	Y							*1666.67*	
	B								*1666.67*
TOTAL = (kW)					**14600.0**		**4667**	**5367**	**4567**

EDB-S/S

6 WAYS TP+N BOARD THROUGH 100A,T.P.ISOLATOR +3 NOS 40A HRC FUSES

Circuit		Cable Size	MCB Rating	Type of Load	Detail of Load	Controlled By	Load in Watts		
No.	Ph.	(mm²)	Amp				R	Y	B
PART:1 LIGHT				**CONTROLLED BY E.L.C.B 40A,4P,300mA**					
1	R	2.5	10	LIGHT	4*50	SW.S	576		
	Y	2.5	10	LIGHT	8*50	SW.S		504	
	B		10	SPARE	0*0				504
2	R		10	SPARE	0*0		144		
	Y		10	SPARE	0*0			0	
	B		10	SPARE	0*0				0
PART:2 POWER				**CONTROLLED BY E.L.C.B 40A,4P,30mA**					
3	R	4	16	**POWER**	3*100	SW.COMB	300		
	Y	4	16	**POWER**	2*100	SW.COMB		200	
	B	4	16	**JB-AHU-S**	1*900	20A DP SW			900
4	*R*	*4*6*	*30A TPN*	*CU-S*	*1*5000*	*MCB*	*1666.67*		
	Y							*1666.67*	
	B								*1666.67*
5	R	4	16	**POWER**	3*100	SW.COMB	300		
	Y		16	**SPARE**	0*0			0	
	B		16	**SPARE**	0*0				0
6	R		16	**SPARE**	0*0		0		
	Y		16	**SPARE**	0*0			0	
	B		16	**SPARE**	0*0				0
				TOTAL = (kW)	**8428.0**		**2987**	**2371**	**3071**

DB-GL

8 WAYS TP+N BOARD THROUGH 100A,T.P.ISOLATOR +3 NOS 40A HRC FUSES

Circuit		Cable Size	MCB Rating	Type of Load	Detail of Load	Controlled By	Load in Watts		
No.	Ph.	(mm²)	Amp				R	Y	B
PART:1 LIGHT			**CONTROLLED BY E.L.C.B 40A,4P,300mA**						
1	R	2.5	10	LIGHT	11*30	SW.S	330		
	Y	2.5	10	LIGHT	9*30	SW.S		270	
	B	2.5	10	LIGHT	10*50	SW.S			500
2	R	2.5	10	LIGHT	15*50	SW.S	750		
	Y	2.5	10	LIGHT	11*50	SW.S		550	
	B	2.5	10	LIGHT	8*50	SW.S			400
3	R	2.5	10	LIGHT	18*30	SW.S	540		
	Y	2.5	10	LIGHT	6*50	SW.S		300	
	B		10	**SPARE**	0*0				0
4	R	2.5	10	LIGHT	9*30	SW.S	270		
	Y	2.5	10	LIGHT	18*10	SW.S		180	
	B	2.5	10	LIGHT	11*30	SW.S			330
5	R	2.5	10	LIGHT	14*30	SW.S	420		
	Y	2.5	10	LIGHT	6*30	SW.S		180	
	B	2.5	10	LIGHT	4*50	SW.S			200
6	R	2.5	10	LIGHT	18*20	SW.S	360		
	Y	2.5	10	LIGHT	15*50			750	
	B		10	**SPARE**	0*0				0
7	R		10	**SPARE**	0*0		0		
	Y		10	**SPARE**	0*0			0	
	B		10	**SPARE**	0*0				0
8	R		10	**SPARE**	0*0		0		
	Y		10	**SPARE**	0*0			0	
	B		10	**SPARE**	0*0				0
				TOTAL = (kW)	**6330.0**		**2670**	**2230**	**1430**

DB-GP

6 WAYS TP+N BOARD THROUGH 100A,T.P.ISOLATOR +3 NOS 40A HRC FUSES

Circuit		Cable Size	MCB Rating	Type of Load	Detail of Load	Controlled By	Load in Watts		
No.	Ph.	(mm²)	Amp				R	Y	B
PART:1 POWER			**CONTROLLED BY E.L.C.B 40A,4P,30mA**						
1	R	4	16	**POWER**	3*100	SW.COMB	300		
	Y	4	16	**POWER**	5*200	SW.COMB		1000	
	B	4	16	**POWER**	4*200	SW.COMB			800
2	R	4	10	**POWER**	3*200	SW.COMB	600		
	Y	4	10	**POWER**	2*200	SW.COMB		800	
	B	4	10	**JB-WH-1**	1*1500	20A DP SW			1500
3	R	4	10	**POWER**	3*100	SW.COMB	300		
	Y	4	10	**POWER**	4*100	SW.COMB		400	
	B	4	10	**POWER**	4*100	SW.COMB			400
4	R	4	10	**POWER**	5*100	SW.COMB	500		
	Y	4	10	**POWER**	4*100	SW.COMB		400	
	B		10	**SPARE**	0*0				0
5	R	4	16	**JB-AHU-G**	1*900	20A DP SW	900		
	Y	4	16	**JB-comp**	1*1000	20A DP SW		1000	
	B		16	**SPARE**	0*0				0
6	*R*						*2000*		
	Y	*4*6*	*30A TPN*	*CU-G*	*1*6000*	*MCB*		*2000*	
	B								*2000*
				TOTAL = (kW)	**14900.0**		**4600**	**5600**	**4700**

DB LOAD SCHEDULE

DB-F

10 WAYS TP+N BOARD THROUGH 100A,T.P.ISOLATOR +3 NOS 40A HRC FUSES

Circuit		Cable Size (mm^2)	MCB Rating Amp	Type of Load	Detail of Load	Controlled By	Load in Watts		
No.	Ph.						R	Y	B
PART:1 LIGHT				**CONTROLLED BY E.L.C.B 40A,4P,300mA**					
1	R	2.5	10	LIGHT	10*50.	SW.S	500		
	Y	2.5	10	LIGHT	14*30	SW.S		420	
	B	2.5	10	LIGHT	8*30	SW.S			240
2	R	2.5	10	LIGHT	9*50	SW.S	450		
	Y	2.5	10	LIGHT	10*50	SW.S		500	
	B	2.5	10	LIGHT	8*30	SW.S			240
3	R	2.5	10	LIGHT	14*30	SW.S	420		
	Y	2.5	10	LIGHT	11*50	SW.S		550	
	B	2.5	10	LIGHT	9*30	SW.S			270
4	R	2.5	10	LIGHT	13*50	SW.S	650		
	Y		10	SPARE	0*0			0	
	B		10	SPARE	0*0				0
5	R	2.5	10	LIGHT	22*20	SW.S	440		
	Y	2.5	10	LIGHT	16*20	SW.S		320	
	B	2.5	10	LIGHT	4*100	SW.S			400
6	R	2.5	10	LIGHT	18*10	SW.S	180		
	Y	2.5	10	LIGHT	12*10	SW.S		120	
	B	2.5	10	LIGHT	14*10	SW.S			140
7	R	2.5	10	LIGHT	9*10	SW.S	90		
	Y	2.5	10	LIGHT	4*100	SW.S		400	
	B		10	SPARE	0*0				0
8	R		10	SPARE	0*0		0		
	Y		10	SPARE	0*0			0	
	B		10	SPARE	0*0				0
PART:2 POWER				**CONTROLLED BY E.L.C.B 40A,4P,30mA**					
9	R		16	**SPARE**	0*0		0		
	Y		16	**SPARE**	0*0			0	
	B	4	16	**POWER**	1*100	SW.COMB			100
10	R	4	16	**POWER**	3*100	SW.COMB	300		
	Y	4	16	**POWER**	3*100	SW.COMB		800	
	B	4	16	**POWER**	4*100	SW.COMB			400
				TOTAL = (kW)	**7930.0**		**3030**	**3110**	**1790**

DB-2nd

10 WAYS TP+N BOARD THROUGH 100A,T.P.ISOLATOR +3 NOS 40A HRC FUSES

Circuit		Cable Size (mm^2)	MCB Rating Amp	Type of Load	Detail of Load	Controlled By	Load in Watts		
No.	Ph.						R	Y	B
PART:1 LIGHT				**CONTROLLED BY E.L.C.B 40A,4P,300mA**					
1	R	2.5	10	LIGHT	23*50	SW.S	1150		
	Y	2.5	10	LIGHT	14*50	SW.S		700	
	B	2.5	10	LIGHT	20*50	SW.S			1000
2	R	2.5	10	LIGHT	12*50.	SW.S	600		
	Y	2.5	10	LIGHT	10*50	SW.S		500	
	B	2.5	10	LIGHT	10*50	SW.S			500
3	R	2.5	10	LIGHT	11*50	SW.S	550		
	Y	2.5	10	LIGHT	16*50	SW.S		800	
	B	2.5	10	LIGHT	15*30	SW.S			450
4	R	2.5	10	LIGHT	15*30	SW.S	450		
	Y		10	**SPARE**	0*0			0	
	B		10	**SPARE**	0*0				0
5	R	2.5	10	LIGHT	3*50	SW.S	150		
	Y	2.5	10	LIGHT	18*20	SW.S		360	
	B		10	**SPARE**	0*0				0
6	R		10	**SPARE**	0*0		0		
	Y		10	**SPARE**	0*0			0	
	B		10	**SPARE**	0*0				0
PART:2 POWER				**CONTROLLED BY E.L.C.B 40A,4P,30mA**					
7	R	4	16	**POWER**	3*100	SW.COMB	300		
	Y	4	16	**POWER**	3*100	SW.COMB		800	
	B	4	16	**POWER**	4*100	SW.COMB			400
8	R	4	16	**POWER**	2*100	SW.COMB	200		
	Y	4	16	**POWER**	4*100	SW.COMB		800	
	B	4	16	**JB-AHU-S**	1*500	20A DP SW			500
9	R	4	20A TP	CU-2	1*3500	ISOL	1166.7		
	Y							1166.7	
	B								1166.7
10	R		16	**SPARE**	0*0		0		
	Y		16	**SPARE**	0*0			0	
	B		16	**SPARE**	0*0				0
				TOTAL = (kW)	**12543.3**		**4567**	**5127**	**2850**

DB-T

10 WAYS TP+N BOARD THROUGH 100A,T.P.ISOLATOR +3 NOS 40A HRC FUSES

Circuit		Cable Size	MCB Rating	Type of Load	Detail of Load	Controlled By	Load in Watts		
No.	Ph.	(mm²)	Amp				R	Y	B
PART:1 LIGHT				**CONTROLLED BY E.L.C.B 40A,4P,300mA**					
1	R	2.5	10	LIGHT	16*50	SW.S	800		
	Y	2.5	10	LIGHT	16*50	SW.S		800	
	B	2.5	10	LIGHT	12*50	SW.S			600
2	R	2.5	10	LIGHT	11*50	SW.S	550		
	Y	2.5	10	LIGHT	9*50	SW.S		450	
	B	2.5	10	LIGHT	20*50	SW.S			1000
3	R	2.5	10	LIGHT	11*30	SW.S	330		
	Y	2.5	10	LIGHT	11*30	SW.S		330	
	B	2.5	10	LIGHT	23*50	SW.S			1150
4	R	2.5	10	LIGHT	3*50	SW.S	150		
	Y	2.5	10	LIGHT	11*50	SW.S		550	
	B		10	**SPARE**	0*0				0
5	R	2.5	10	LIGHT	8*50	SW.S	400		
	Y		10	**SPARE**	0*0			0	
	B		10	**SPARE**	0*0				0
6	R		10	**SPARE**	0*0		0		
	Y		10	**SPARE**	0*0			0	
	B		10	**SPARE**	0*0				0
PART:2 POWER				**CONTROLLED BY E.L.C.B 40A,4P,30mA**					
7	R	4	16	**POWER**	3*100	SW.COMB	300		
	Y	4	16	**POWER**	4*100	SW.COMB		400	
	B	4	16	**POWER**	3*100	SW.COMB			300
8	R	4	16	**POWER**	2*100	SW.COMB	200		
	Y	4	16	**POWER**	2*100	SW.COMB		200	
	B	4	16	**POWER**	2*500	SW.COMB			1000
9	R	4	16	**POWER**	2*500	SW.COMB	1000		
	Y	4	16	**JB-AC-T**	1*1500	20A DP SW		1500	
	B	4	16	**JB-AHU-T**	1*500	20A DP SW			500
10	R	4	20A TP	CU-T	1*3500	ISOL	1166.7		
	Y							1166.7	
	B								1166.7
				TOTAL = (kW)	**14843.3**		**4897**	**5397**	**4550**

DB-4L

10 WAYS TP+N BOARD THROUGH 100A,T.P.ISOLATOR +3 NOS 40A HRC FUSES

Circuit		Cable Size	MCB Rating	Type of Load	Detail of Load	Controlled By	Load in Watts		
No.	Ph.	(mm²)	Amp				R	Y	B
PART:1 LIGHT				**CONTROLLED BY E.L.C.B 40A,4P,300mA**					
1	R	2.5	10	LIGHT	6*30	SW.S	180		
	Y	2.5	10	LIGHT	15*30	SW.S		450	
	B	2.5	10	LIGHT	15*30	SW.S			450
2	R	2.5	10	LIGHT	11*30	SW.S	330		
	Y	2.5	10	LIGHT	9*50	SW.S		450	
	B	2.5	10	LIGHT	2*400	SW.S			800
3	R	2.5	10	LIGHT	2*400	SW.S	800		
	Y		10	**SPARE**	0*0			0	
	B		10	**SPARE**	0*0				0
4	R	2.5	10	LIGHT	16*10	SW.S	160		
	Y	2.5	10	LIGHT	16*10	SW.S		160	
	B	2.5	10	LIGHT	15*10	SW.S			150
5	R	2.5	10	LIGHT	11*10	SW.S	110		
	Y	2.5	10	LIGHT	17*10	SW.S		170	
	B	2.5	10	LIGHT	4*100	SW.S			400
6	R	2.5	10	LIGHT	18*10	SW.S	180		
	Y	2.5	10	LIGHT	12*10	SW.S		120	
	B	2.5	10	LIGHT	4*100	SW.S			400
7	R	2.5	10	LIGHT	9*10	SW.S	90		
	Y	2.5	10	LIGHT	18*10	SW.S		180	
	B	2.5	10	LIGHT	4*100	SW.S			400
8	R	2.5	10	LIGHT	16*10	SW.S	160		
	Y	2.5	10	LIGHT	16*10	SW.S		160	
	B	2.5	10	LIGHT	18*10	SW.S			180
9	R	2.5	10	LIGHT	4*100	SW.S	400		
	Y		10	**SPARE**	0*0			0	
	B		10	**SPARE**	0*0				0
10	R		10	**SPARE**	0*0		0		
	Y		10	**SPARE**	0*0			0	
	B		10	**SPARE**	0*0				0
				TOTAL = (kW)	**6880.0**		**2410**	**1690**	**2780**

DB LOAD SCHEDULE

DB-4P

6 WAYS TP+N BOARD THROUGH 100A,T.P.ISOLATOR +3 NOS 40A HRC FUSES

Circuit		Cable Size	MCB Rating	Type of Load	Detail of Load	Controlled By	Load in Watts		
No.	Ph.	(mm^2)	Amp				R	Y	B
PART:1 POWER				**CONTROLLED BY E.L.C.B 40A,4P,30mA**					
1	R	4	16	**POWER**	2*200	SW.COMB	400		
	Y	4	16	**POWER**	4*200	SW.COMB		800	
	B	4	16	**POWER**	2*100	SW.COMB			200
2	R	4	10	**POWER**	3*200	SW.COMB	600		
	Y	4	10	**POWER**	3*200	SW.COMB		800	
	B	4	10	**POWER**	3*200	SW.COMB			600
3	R	4	10	**POWER**	4*200	SW.COMB	800		
	Y	4	10	**POWER**	3*200	SW.COMB		800	
	B	4	10	**POWER**	3*200	SW.COMB			600
4	R	4	10	**POWER**	3*200	SW.COMB	600		
	Y	4	10	**POWER**	3*100	SW.COMB		800	
	B	4	10	**JB-WH-1**	1*1500	20A DP SW			1500
5	R	4	16	**JB-AHU-4**	1*900	20A DP SW	900		
	Y	4	10	**JB-WH-2**	1*1500	20A DP SW		1500	
	B		16	**SPARE**	0*0				0
6	*R*	*4*6*	*30A TPN*	*CU-4*	*1*6000*	*MCB*	*2000*		
	Y							*2000*	
	B								*2000*
				TOTAL = (kW)	**16900.0**		**5300**	**6700**	**4900**

DB LOAD SCHEDULE

DB-R *TYPICAL FLOOR*

6 WAYS TP+N BOARD THROUGH 100A,T.P.ISOLATOR +3 NOS 40A HRC FUSES

Circuit		Cable Size	MCB Rating	Type of Load	Detail of Load	Controlled By	Load in Watts		
No.	Ph.	(mm²)	Amp				R	Y	B
PART:1 LIGHT			**CONTROLLED BY E.L.C.B 40A,4P,300mA**						
1	R	2.5	10	LIGHT	3*50	SW.S	504		
	Y	2.5	10	LIGHT	6*50	SW.S		288	
	B	2.5	10	LIGHT	5*50	SW.S			250
2	R	2.5	10	LIGHT	4*50	SW.S	200		
	Y	2.5	10	LIGHT	10*50	SW.S		500	
	B		10	SPARE	0*0				0
PART:2 POWER			**CONTROLLED BY E.L.C.B 40A,4P,30mA**						
3	R	4	16	POWER	4*100	SW.COMB	400		
	Y	4	16	POWER	2*100	SW.COMB		200	
	B	4	16	POWER	3*100	SW.COMB			300
4	R	4	16	POWER	2*500	SW.COMB	1000		
	Y	4	16	JB-AC-R1	1*2000			2000	
	B	4	16	JB-AC-R2	1*2000				2000
5	R		16	SPARE	0*0		0		
	Y		16	SPARE	0*0			0	
	B		16	SPARE	0*0				0
6	R		16	SPARE	0*0		0		
	Y		16	SPARE	0*0			0	
	B		16	SPARE	0*0				0
TOTAL = (kW)					**7642.0**		**2104**	**2988**	**2550**