LOCATION : LV ROOM

DETAILS OF CONNECTED LOAD/MAX. DEMAND

OWNER : .

PROJECT: G+5P+14+HC DELUXE HOTEL APARTEMENTS

AREA : AL JADAF-DUBAI

PLOT NO. : .

SUMMARY

CERCUIT FEEDER DB NO.	PF=0.8 Imax	SP/TP	RATING-AMPS LBS	RATING-AMPS MCCB	ACB AT 0.85	FAULT DUTY KA	PVC/ XLPE SWA/PVC	CABLE SIZE 2/4 X 1C mm	CABLE SIZE 2/3/4C mm2	ECC SIZE 1C mm2	CONNECTED LOAD-KW R. PH kW	CONNECTED LOAD-KW Y. PH kW	CONNECTED LOAD-KW B. PH kW	CON. KW.	MAX. DEMAND	1-PH (1)	3-PH		CT	REMARKS (m)
INCOMER 1 :											1770.41	1465.61	1463.76	4586.78	3922.58	0	2		4	
OUTGOING :																				
LVP-01		4P			2500 @.85	65	BY DEWA			2x1C 150	309.35	309.35	307.20	925.90	925.90		Chiller		1	2400/5A
LVP-02		4P			2500 @.85	65	BY DEWA			2x1C 150	612.07	312.47	310.22	934.76	934.76		Chiller		1	2400/5A
LVP-03		4P			2500 @.85	65	BY DEWA			2x1C 150	530.47	528.40	531.79	1777.66	1113.46		2		1	2400/5A
LVP-04		4P			2500 @.85	65	BY DEWA			2x1C 150	318.52	315.39	314.54	948.45	948.45		Chiller		1	2400/5A
						TOTAL CONNECTED LOAD PER PHASE					1770.41	1465.61	1463.76	4586.78	3922.58	0	2	0	4	TOTAL
											TOTAL CONNECTED LOAD (3 PH)					4586.78	KW.			

4X1500 KVA TRANSFORMERS WITH LV INTEGRAL METER PROPOSED.ALL TENANT METER PROPOSED ARE SUBMETER TO MAIN METER (2NOS.)

THIS APPROVAL SUPERSEDES OUR PREVIOUS APPROVAL DATED 02/09/2018 FOR THE SAME PROJECT.

TCL INCREASED FROM 4285.71 KW TO 4586.78KW.

CHILLER ADDED IN LV PANEL-4, TRANSFORMER RATING CHANGED.

- ENSURE THAT THE CIRCUIT BREAKERS/CONTACTORS ASSOCIATED WITH UNDER VOLTAGE (UV) RELAYS, ARE HAVING 'AUTO CLOSING' FACILITY TO RESTORE SUPPLY FOR CHILLERS/AIR CONDITIONING UNITS, AFTER NORMALIZATION OF SUPPLY VOLTAGE, WHEN THE RELAY RESET AUTOMATICALLY.
- ARRANGE WITH CONSULTANT/OWNER TO SUBMIT IN DUE COURSE THE LIGHTING/POWER, WIRING LAYOUTS WITH LOAD DISTRIBUTION SCHEDULES OF THE DBS FOR SHOPS.
- PROVIDE ACCESS FOR TRANSPORTING & STATIONING THE MOBILE GENERATORS, INTAKE ARRANGEMENTS FOR CABLING & CONNECTION, IDENTIFICATION LABELS AND NOTICES FOR CONNECTION OF THE GENERATOR, DURING EMERGENCIES.
- STRICTLY COMPLY WITH DEWA REGULATION SECTION 8.1.11, DURING INSTALLATION OF CAPACITOR BANKS IN THE PROJECT. ENSURE TO LIMIT POWER FACTOR & HARMONICS, WITHIN DEWA APPROVED VALUES, AT ALL LEVELS OF LOADS. ALSO REFER DEWA REGULATION SECTION 1.11 FOR HARMONICS AND RAPID VOLTAGE CHANGES.
- ENSURE COMPLIANCE WITH DEWA CIRCULAR REF. DP/054/2017 DATED 17/05/2017. REFER CONSULATANT'S CONFIRMATION DATED 01/09/2018.
- ENSURE TO PROVIDE 4-POLE TYPE CHANGEOVER SWITCH. PROVIDE MECHANICAL AND ELECTRICAL INTER-LOCK BETWEEN DUTY AND STANDBY LOADS.
- PROPOSED DIVERSITY FACTORS IN MDBS SHALL BE SUBJECT TO THE FOLLOWING: -
  - ALL THE PROTECTIVE DEVICES SHALL BE SUITABLY RATED.
  - ACTUAL LOADS IN SERIES SHALL NOT EXCEED THE LOAD INDICATED IN THE SCHEDULES.
  ANY DEVIATION SHALL BE INFORMED TO DEWA IN WRITING.

هيئة كهرباء ومياه دبي
Dubai Electricity & Water Authority

موافقة مبدئية للمخططات الفنية للجهد المنخفض
LV Technical Drawing
Provisionally Approved

Application No:..... Date:.....

Design Approval Section — قسم التصميم

Distribution Power –Connection Services — قطاع توزيع الطاقة - ادارة توصيل الخدمات

في حال إجراء أي تعديل على هذه المعاملة تعتبر لاغية
This is a DEWA Approved Document & Not Permitted any Correction, Alterations etc.....

LOCATION : LV ROOM

DETAILS OF CONNECTED LOAD/MAX. DEMAND

OWNER :

PROJECT: G+5P+14+HC DELUXE HOTEL APARTEMENTS

AREA : AL JADAF-DUBAI

PLOT NO. :

LVP-01

CERCUIT FEEDER DB NO.	PF = 0.8 IMAX	SP/TP	RATING-AMPS LBS	MCCB	ACB AT 0.9	FAULT DUTY KA	PVC/ XLPE SWA/PVC	CABLE SIZE 2/4 X 1C mm	2/3/4C mm2	ECC SIZE 1C mm2	CONNECTED LOAD-KW R. PH kW	Y. PH kW	B. PH kW	CON. KW.	1-PH (1)	3-PH (2)	3-PH (3)	CT (4)	REMARKS (m)
INCOMER 1 :		4P			2500	65		BY DEWA		2X150	309.35	309.35	307.20	925.90	0	0		1	2400/5 CT METER
INCOMER 2 :(MOB. GENERATOR)		4P			2500	65													
OUTGOING :																			
MDB-RF-1		TP			2000	55	2000A BUSABR TPN + E CU				276.93	276.93	276.93	830.79	CHILLER & CHW.PUMPS WITH VFD STARTER				
SMDF-2F		TP		200		55	0		4C 95	1X50	32.42	32.42	30.272	95.11					
CAP. BANK		TP		600		35	XLPE/SWA/PVC	2X4C 185		2X95	300 KVAR IN 10 STEPS								
MDB CONNECTED TO : TRANSFORMER						TOTAL CONNECTED LOAD PER PHASE					309.35	309.35	307.20	925.90	0	0	0	1	TOTAL

MAX. DEMAND (3 PH)= 925.90 KW AT 1.00 DIVERSITY TOTAL CONNECTED LOAD (3 PH) 925.90 KW.

PROVIDE CT-METER WHEN MAX. DEMAND ---> 100 KW.

(1) 20-80A (2) 30-90/120A (3) 100-200A (4)...../.....A

ENSURE THAT THE CIRCUIT BREAKERS/CONTACTORS ASSOCIATED WITH UNDER VOLTAGE (UV) RELAYS, ARE HAVING 'AUTO CLOSING' FACILITY TO RESTORE SUPPLY FOR CHILLERS/AIR CONDITIONING UNITS, AFTER NORMALIZATION OF SUPPLY VOLTAGE, WHEN THE RELAY RESET AUTOMATICALLY.

LOCATION : LV ROOM

DETAILS OF CONNECTED LOAD/MAX. DEMAND

OWNER : .

PROJECT: G+5P+14+HC DELUXE HOTEL APARTEMENTS

AREA : AL JADAF-DUBAI

PLOT NO. :

LVP-02

CERCUIT FEEDER DB NO.	PF = 0.8 IMAX	SP/TP	RATING-AMPS LBS	MCCB	ACB AT 0.9	FAULT DUTY KA	PVC/ XLPE SWA/PVC	CABLE SIZE 2/4 X 1C mm	2/3/4C mm2	ECC SIZE 1C mm2	CONNECTED LOAD-KW R. PH kW	Y. PH kW	B. PH kW	CON. KW.	1-PH (1)	3-PH (2)	3-PH (3)	CT (4)	REMARKS (m)
INCOMER 1 :		4P			2500	65		BY DEWA		2X150	612.07	312.47	310.22	934.76	0	0		1	2400/5 CT METER
INCOMER 2 :(MOB. GENERATOR)		4P			2500	65													
OUTGOING :																			
MDB-RF-2		TP			2000	55	2000A BUSBAR TPN + E CU				279.65	280.05	279.95	839.65	CHILLER & CHW.PUMPS WITH VFD STARTER				
SMDF-3F		TP		200		35	XLPE/SWA/PVC		4C 95	1X50	32.42	32.42	30.272	95.11					100mA ELS/ ALARM
CAP. BANK		TP		600		35	XLPE/SWA/PVC	2X4C 185		2X95	300.00	KVAR IN 7 STEPS							
MDB CONNECTED TO : TRANSFORMER						TOTAL CONNECTED LOAD PER PHASE					612.07	312.47	310.22	934.76	0	0	0	1	TOTAL

MAX. DEMAND (3 PH) 934.761 KW AT 1.00 DIVERSITY TOTAL CONNECTED LOAD (3 PH) 934.76 KW.

PROVIDE CT-METER WHEN MAX. DEMAND ---> 100 KW.

(1) 20-80A (2) 30-90/120A (3) 100-200A (4)……/……A

ENSURE THAT THE CIRCUIT BREAKERS/CONTACTORS ASSOCIATED WITH UNDER VOLTAGE (UV) RELAYS, ARE HAVING 'AUTO CLOSING' FACILITY TO RESTORE SUPPLY FOR CHILLERS/AIR CONDITIONING UNITS, AFTER NORMALIZATION OF SUPPLY VOLTAGE, WHEN THE RELAY RESET AUTOMATICALLY.

LOCATION : LV ROOM

DETAILS OF CONNECTED LOAD/MAX. DEMAND

OWNER : .

PROJECT: G+5P+14+HC DELUXE HOTEL APARTEMENTS

AREA : AL JADAF-DUBAI

PLOT NO. :

LVP-03

CERCUIT FEEDER DB NO.	PF = 0.8 IMAX	SP/TP	RATING-AMPS LBS	MCCB	ACB AT 0.9	FAULT DUTY KA	PVC/ XLPE SWA/PVC	CABLE SIZE 2/4 X 1C mm	2/3/4C mm2	ECC SIZE 1C mm2	CONNECTED LOAD-KW R. PH kW	Y. PH kW	B. PH kW	CON. KW.	1-PH (1)	3-PH (2)	3-PH (3)	CT (4)	REMARKS (m)
INCOMER 1 :		4P			2500	65		BY DEWA		2X150	530.47	528.40	531.79	1777.66	0	2		1	2400/5 CT METER
INCOMER 2 :(MOB. GENERATOR)		4P			2500	65													
OUTGOING :																			
BUSBAR-3		TP			2000	55	2000A BUSBAR TPN + E CU				318.70	322.62	318.31	959.64					
SMDB-GF		TP		630		55	XLPE/SWA/PVC		2x4C185	2X95	97.84	89.70	97.40	284.94		2			
SMDB-KIT		TP		500		55	XLPE/SWA/PVC		2x4C 150	1X170	83.66	83.66	83.66	250.98					
SMDF-5F		TP		200		55	XLPE/SWA/PVC		4C 95	1X50	30.27	32.42	32.42	95.11					
FIRE PUMP		TP		500		55	XLPE/SWA/PVC		2X4C 150	1X150	62.33	62.33	62.33	187.00					100mA ELS/ ALARM - stand by
CAP. BANK		TP		800		55	XLPE/SWA/PVC	2X4C 300		2X150	350 KVAR IN 16 STEPS								
MDB CONNECTED TO : TRANSFORMER						TOTAL CONNECTED LOAD PER PHASE					530.47	528.40	531.79	1777.66	0	2	0	1	TOTAL

MAX. DEMAND (3 PH) 1113.4648 KW AT 0.70 DIVERSITY

TOTAL CONNECTED LOAD (3 PH) 1777.66 KW.

TOTAL CONNECTED LOAD (3 PH) - FIRE PUMP 1590.66 KW.

NOTE: FIRE PUMP CONSIDERING AS A STAND BY LOAD, ALL OTHER LOADS CONNECTED TO THIS LV PANEL WILL BE SWITCHED OFF IN CASE OF SWITCHING ON FIRE PUMP FOR TESTING OR OTHER PURPOSE.

PROVIDE CT-METER WHEN MAX. DEMAND ---> 100 KW.

(1) 20-80A (2) 30-90/120A (3) 100-200A (4)...../.....A

ENSURE TO LIMIT THE TOTAL CONNECTED LOAD IN THE TRANSFORMER TO 950KW DURING THE TESTING OF FIRE PUMP.

ARRANGE WITH CONSULTANT/OWNER TO SUBMIT IN DUE COURSE THE LIGHTING/POWER, WIRING LAYOUTS WITH LOAD DISTRIBUTION SCHEDULES OF THE DBS FOR SHOPS.

LOCATION : LV ROOM

DETAILS OF CONNECTED LOAD/MAX. DEMAND

OWNER :

PROJECT: G+5P+14+HC DELUXE HOTEL APARTEMENTS

AREA : AL JADAF-DUBAI

PLOT NO. :

LVP-04

CERCUIT FEEDER DB NO.	PF = 0.8 IMAX	SP/TP	RATING-AMPS LBS	RATING-AMPS MCCB	ACB AT 0.9	FAULT DUTY KA	PVC/ XLPE SWA/PVC	CABLE SIZE 2/4 X 1C mm	CABLE SIZE 2/3/4C mm2	ECC SIZE 1C mm2	CONNECTED LOAD-KW R. PH kW	CONNECTED LOAD-KW Y. PH kW	CONNECTED LOAD-KW B. PH kW	CON. KW.	1-PH (1)	3-PH (2)	3-PH (3)	CT (4)	REMARKS (m)
INCOMER 1 :		4P			2500	65		BY DEWA		2X150	318.52	315.39	314.54	948.45	0	0		1	2400/5 CT METER
INCOMER 2 :(MOB. GENERATOR)		4P			2500	65													
OUTGOING :																			
SMDF-FF		TP		350		55	XLPE/SWA/PVC		4C 240	1X120	60.29	53.22	54.73	168.25					
SMDF-4F		TP		200		55	XLPE/SWA/PVC		4C 95	1X50	30.27	32.42	32.42	95.11					
ESMDB		TP		800		55	XLPE/SWA/PVC*		2X4C 300	2X150	135.22	135.87	134.65	405.75					ATS + 550 KVA STAND BY GENERATOR
CHILLER-3		TP		630		55	XLPE/SWA/PVC		2x4C185	2X95	92.73	92.73	92.73	278.20					UVR + RELAY + TIMER 500mA ELCB
DB-SS		SP		40		55	XLPE/SWA/PVC		3C 10			1.14		1.14					
				700															
CAP. BANK		TP		~~600~~		55	XLPE/SWA/PVC	2X4C 240		2X120	300 KVAR IN 8 STEPS								
						TOTAL CONNECTED LOAD PER PHASE					318.52	315.39	314.54	948.45	0	0		1	TOTAL

MAX. DEMAND (3 PH) 948.452 KW AT 1.00 DIVERSITY TOTAL CONNECTED LOAD (3 PH) 948.45 KW.

PROVIDE CT-METER WHEN MAX. DEMAND ---> 100 KW.

NOTE:- ALL CABLES MARKED(*) SHALL BE FIRE RATED AS FP 400 OR EQUAL APPROVED OF THE SIZE BASED ON THE ABOVE SCHEDULE.

(1) 20-80A (2) 30-90/120A (3) 100-200A (4)...../.....A

ENSURE THAT THE CIRCUIT BREAKERS/CONTACTORS ASSOCIATED WITH UNDER VOLTAGE (UV) RELAYS, ARE HAVING 'AUTO CLOSING' FACILITY TO RESTORE SUPPLY FOR CHILLERS/AIR CONDITIONING UNITS, AFTER NORMALIZATION OF SUPPLY VOLTAGE, WHEN THE RELAY RESET AUTOMATICALLY.

LOAD SUMMARY

LOCATION : L.V ROOM

SMDB-GF

FED FROM- LV-3

DETAILS OF CONNECTED LOAD/MAX. DEMAND

OWNER : .

PROJECT: G+5P+14+HC DELUXE HOTEL APARTEMENTS

AREA : AL JADAF-DUBAI

PLOT NO. :

CERCUIT FEEDER DB NO.	PF = 0.8 I MAX	SP/TP	RATING-AMPS LBS	MCCB	ACB	FAULT DUTY KA	PVC/ XLPE SWA/PVC	CABLE SIZE 2/4 X 1C mm	2/3/4C mm2	ECC SIZE 1C mm2	CONNECTED LOAD-KW R. PH kW	Y. PH kW	B. PH kW	CON. KW.	1-PH (1)	3-PH (2)	3-PH (3)	CT (4)	REMARKS (m)
INCOMER :		TP	630			NA	XLPE/SWA/PVC		2X 4C 185	2X95	97.84	89.70	97.40	284.98	0	2	0	0	
OUTGOING :																			
DB-RET -1		TP		100		25	XLPE/SWA/PVC		4C 35	1X16	16.66	16.66	16.66	50.00		1			
DB-RET -2		TP		100		25	XLPE/SWA/PVC		4C 35	1X16	16.66	16.66	16.66	50.00		1			
DB GF L		TP		40		25	XLPE/SWA/PVC		4C 10	1X10	2.41	2.31	2.22	6.94					
DB GF P		TP		63		25	XLPE/SWA/PVC		4C 25	1X16	9.25	10.94	10.84	31.03					
DB-LAUNDRY		TP		100		25	XLPE/SWA/PVC		4C 35	1X16	16.74	16.74	16.60	50.08					
DB-P1		SP		63		25	XLPE/SWA/PVC		3C 25				8.02	8.02					
DB-P2		SP		63		25	XLPE/SWA/PVC		3C25			9.72		9.72					
DB-P3		SP		63		25	XLPE/SWA/PVC		3C 25		9.72			9.72					
DB-P4		SP		63		25	XLPE/SWA/PVC		3C 25		9.72			9.72					
DB-P5		SP		63		25	XLPE/SWA/PVC		3C 25				9.72	9.72					
DB-FAC		SP		63		25	XLPE/SWA/PVC		3C 25		5.00	5.00	5.00	15.00					
GAR. SYS		TP		40		25	XLPE/SWA/PVC		4C 10	1X10	3.34	3.34	3.34	10.02					100mA ELCB
SPARE		TP		63							8.33	8.33	8.34	25.00					
SMDB CONNECTED TO : MDB						TOTAL CONNECTED LOAD PER PHASE					97.84	89.70	97.40	284.98	0	2			

MAX. DEMAND (3 PH) KW AT DIVERSITY TOTAL CONNECTED LOAD (3 PH) 284.98 KW.

PROVIDE CT-METER WHEN MAX. DEMAND ---> 100 KW.

NOTE:- ALL CABLES MARKED(*) SHALL BE FIRE RATED AS
FP 400 OR EQUAL APPROVED OF THE SIZE BASED ON THE ABOVE SCHEDULE.

(1) 20-80A (2) 30-90/120A (3) 100-200A (4)...../.....A

LOCATION : STORAGE GF

DETAILS OF CONNECTED LOAD/MAX. DEMAND

PROJECT: G+5P+14+HC DELUXE HOTEL APARTEMENTS

SMDB-KIT

OWNER : .

AREA : AL JADAF-DUBAI

FED FROM- LV-3

PLOT NO. : .

CERCUIT FEEDER DB NO.	PF=0.8 I MAX	SP/TP	RATING-AMPS LBS	MCCB	ACB	FAULT DUTY KA	PVC/ XLPE SWA/PVC	CABLE SIZE 2/4 X 1C mm	2/3/4C mm2	ECC SIZE 1C mm2	CONNECTED LOAD-KW R. PH kW	Y. PH kW	B. PH kW	CON. KW.	1-PH (1)	3-PH (2)	3-PH (3)	CT (4)	REMARKS (m)
INCOMER :		TP	500			NA	XLPE/SWA/PVC		2x4C 150	1X70	83.66	83.66	83.66	250.98	0	0	0	0	
OUTGOING :																			
DB-KIT		TP		40		25	XLPE/SWA/PVC		4C 16	1X16	3.00	3.00	3.00	9.00					
LIFT-1		TP		32		25	XLPE/SWA/PVC		4C 6	1X6	3.00	3.00	3.00	9.00					300mA ELCB
LIFT-2		TP		32		25	XLPE/SWA/PVC		4C 6	1X6	3.00	3.00	3.00	9.00					300mA ELCB
COLD STORAGE-1		TP		20		25	XLPE/SWA/PVC		4C 4	1X4	2.00	2.00	2.00	6.00					30mA ELCB
COLD STORAGE-2		TP		20		25	XLPE/SWA/PVC		4C 4	1X4	2.00	2.00	2.00	6.00					30mA ELCB
COLD STORAGE-3		TP		20		25	XLPE/SWA/PVC		4C 4	1X4	2.00	2.00	2.00	6.00					30mA ELCB
FAHU-KIT		TP		32		25	XLPE/SWA/PVC		4C 6	1X6	2.00	2.00	2.00	6.00					100mA ELCB
SPARE		TP		200		25	ALLOCATED LOAD FOR KITCHEN EQUIPMENTS				33.33	33.33	33.33	100.00					NO SINGLE MOTOR LOAD ABOVE 50 KW./ SPARE FUTURE LOAD SUBJECT TO DEWA PERIOR APPROVALS AND INSPECTION WHEN BEING CONNECTED
SPARE		TP		200		25	ALLOCATED LOAD FOR KITCHEN EQUIPMENTS				33.33	33.33	33.33	100.00					
SMDB CONNECTED TO : MDB						TOTAL CONNECTED LOAD PER PHASE					83.66	83.66	83.66	250.98	0	0	0	0	

SPARE/FUTURE LOAD SHALL BE SUBJECT TO DEWA'S PRIOR APPROVAL AND INSPECTION AS AND WHEN BEING CONNECTED

MAX. DEMAND (3 PH)	KW	AT	DIVERSITY	TOTAL CONNECTED LOAD (3 PH) 250.98 KW.

PROVIDE CT-METER WHEN MAX. DEMAND ---> 100 KW.

NOTE:- ALL CABLES MARKED(*) SHALL BE FIRE RATED AS FP 400 OR EQUAL APPROVED OF THE SIZE BASED ON THE ABOVE SCHEDULE.

(1) 20-80A (2) 30-90/120A (3) 100-200A (4)...../.....A

LOCATION :ELEC ROO

SMDB-FF

FED FROM- LV-4

DETAILS OF CONNECTED LOAD/MAX. DEMAND

OWNER : .

PROJECT: G+5P+14+HC DELUXE HOTEL APARTEMENTS

AREA : AL JADAF-DUBAI

PLOT NO. :

CERCUIT FEEDER DB NO.	PF = 0.8 IMAX	SP/TP	RATING-AMPS LBS	MCCB	ACB	FAULT DUTY KA	PVC/ XLPE SWA/PVC	CABLE SIZE 2/4 X 1C mm	2/3/4C mm2	ECC SIZE 1C mm2	CONNECTED LOAD-KW R. PH kW	Y. PH kW	B. PH kW	CON. KW.	1-PH (1)	3-PH (2)	3-PH (3)	CT (4)	REMARKS (m)
INCOMER :		TP	350			NA	XLPE/SWA/PVC		4C 240	1X120	60.29	53.22	54.73	168.25	0	0	0	0	
OUTGOING :																			
DB-REST		TP		63		25	PVC		4C 16	1X16	6.13	6.00	6.10	18.23					
DB-ADMIN		TP		40		25	PVC		4C 10	1X10	2.05	2.05	2.05	6.15					
DB-FF L		TP		40		25	XLPE/SWA/PVC		4C16	1X16	2.66	2.54	2.96	8.16					
DB-FF P		TP		63		25	XLPE/SWA/PVC		4C 25	1X16	6.75	6.50	6.45	19.70					
DB-2F		TP		63		25	XLPE/SWA/PVC		4C 25	1X16	7.95	8.20	8.46	24.61					
DB-5F		TP		63		25	XLPE/SWA/PVC		4C 25	1X16	7.95	8.20	8.46	24.61					
DB-8F		TP		63		25	XLPE/SWA/PVC		4C 25	1X16	7.95	8.20	8.46	24.61					
DB-11F		TP		63		25	XLPE/SWA/PVC		4C 25	1X16	7.95	8.20	8.46	24.61					
DB-14F		SP		40	;	25	XLPE/SWA/PVC		3C 16		7.57			7.57					
SPARE		TP									3.33	3.33	3.33	10.00					
SMDB CONNECTED TO : MDB						TOTAL CONNECTED LOAD PER PHASE					60.29	53.22	54.73	168.25	0	0			

MAX. DEMAND (3 PH) KW AT DIVERSITY TOTAL CONNECTED LOAD (3 PH) 168.25 KW.

PROVIDE CT-METER WHEN MAX. DEMAND ---> 100 KW.

NOTE:- ALL CABLES MARKED(*) SHALL BE FIRE RATED AS
FP 400 OR EQUAL APPROVED OF THE SIZE BASED ON THE ABOVE SCHEDULE.

(1) 20-80A (2) 30-90/120A (3) 100-200A (4)……/……A

LOCATION : ELEC.ROOM-HC

DETAILS OF CONNECTED LOAD/MAX. DEMAND

PROJECT: G+5P+14+HC DELUXE HOTEL APARTEMENTS

SMDB-HC

OWNER : .

AREA : AL JADAF-DUBAI

FED BUSBAR-3

PLOT NO. :

CERCUIT FEEDER DB NO.	PF = 0.8 IMAX	SP/TP	RATING-AMPS LBS	MCCB	ACB	FAULT DUTY KA	PVC/ XLPE SWA/PVC	CABLE SIZE 2/4 X 1C mm	2/3/4C mm2	ECC SIZE 1C mm2	CONNECTED LOAD-KW R. PH kW	Y. PH kW	B. PH kW	CON. KW.	1-PH (1)	3-PH (2)	3-PH (3)	CT (4)	REMARKS (m)
INCOMER :		TP	250			NA	XLPE/SWA/PVC		4C 150	1X70	42.46	42.99	42.61	128.05	0	0	0	0	
OUTGOING :																			
DB-H.C L		TP		40		25	XLPE/SWA/PVC		4C 16	1X16	2.79	3.32	2.84	8.95					
DB-H.C P		TP		63		25	XLPE/SWA/PVC		4C 25	1X16	9.00	9.00	9.10	27.10					
SWIM.POOL EQPT		TP		125		25	XLPE/SWA/PVC		4C 50	1X25	16.67	16.67	16.67	50.00					30mA ELCB
SAUNA		TP		32		25	XLPE/SWA/PVC		4C 6	1X6	2.00	2.00	2.00	6.00					30mA ELCB
SAUNA		TP		32		25	XLPE/SWA/PVC		4C 6	1X6	2.00	2.00	2.00	6.00					30mA ELCB
STEAM		TP		32		25	XLPE/SWA/PVC		4C 6	1X6	2.00	2.00	2.00	6.00					30mA ELCB
STEAM		TP		32		25	XLPE/SWA/PVC		4C 6	1X6	2.00	2.00	2.00	6.00					30mA ELCB
JACUZZI		TP		32		25	XLPE/SWA/PVC		4C 6	1X6	3.00	3.00	3.00	9.00					10mA ELCB
JACUZZI		TP		32		25	XLPE/SWA/PVC		4C 6	1X6	3.00	3.00	3.00	9.00					10mA ELCB
SMDB CONNECTED TO : MDB						TOTAL CONNECTED LOAD PER PHASE					42.46	42.99	42.61	128.05	0	0			

MAX. DEMAND (3 PH) KW AT DIVERSITY TOTAL CONNECTED LOAD (3 PH) 128.05 KW.

PROVIDE CT-METER WHEN MAX. DEMAND ---> 100 KW.

NOTE:- ALL CABLES MARKED(*) SHALL BE FIRE RATED AS
FP 400 OR EQUAL APPROVED OF THE SIZE BASED ON THE ABOVE SCHEDULE.

(1) 20-80A (2) 30-90/120A (3) 100-200A (4)...../.....A

LOCATION : ELECROOM(2-13)

SMDB-TYP(2,3,6-9)

DETAILS OF CONNECTED LOAD/MAX. DEMAND

OWNER :

PROJECT: G+5P+14+HC DELUXE HOTEL APARTEMENTS

AREA : AL JADAF-DUBAI

PLOT NO. :

CERCUIT FEEDER DB NO.	PF = 0.8 IMAX	SP/TP	RATING-AMPS LBS	MCCB	ACB	FAULT DUTY KA	PVC/ XLPE SWA/PVC	CABLE SIZE 2/4 X 1C mm	2/3/4C mm2	ECC SIZE 1C mm2	CONNECTED LOAD-KW R. PH kW	Y. PH kW	B. PH kW	CON. KW.	1-PH (1)	3-PH (2)	3-PH (3)	CT (4)	REMARKS (m)
INCOMER :		TP	200			35	XLPE/SWA/PVC		4C 95	1X50	32.42	32.42	30.272	95.11	0	0	0	0	
OUTGOING :																			
DB FL- 1		SP		63		25	PVC	2x1C 25		1C 16	9.04			9.04					2bhk
DB ST- 2		SP		40		25	PVC	2x1C 10		1C 10		3.89		3.89					studio
DB ST- 3		SP		40		25	PVC	2x1C 10		1C 10			3.89	3.89					studio
DB ST- 4		SP		40		25	PVC	2x1C 10		1C 10	3.89			3.89					studio
DB ST- 5		SP		40		25	PVC	2x1C 10		1C 10		3.89		3.89					studio
DB ST- 6		SP		40		25	PVC	2x1C 10		1C 10			3.89	3.89					studio
DB ST- 7		SP		40		25	PVC	2x1C 10		1C 10		3.91		3.91					studio
DB FL- 8		SP		40		25	PVC	2x1C 25		1C 16			5.41	5.41					1bhk
DB FL- 9		SP		40		25	PVC	2x1C 10		1C 10			5.41	5.41					1bhk
DB ST- 10		SP		40		25	PVC	2x1C 10		1C 10	3.89			3.89					studio
DB ST- 11		SP		40		25	PVC	2x1C 10		1C 10			3.89	3.89					studio
DB FL- 12		SP		40		25	PVC	2x1C 10		1C 10	3.91			3.91					studio
DB ST- 13		SP		40		25	PVC	2x1C 10		1C 10	3.91			3.91					studio
DB ST- 14		SP		40		25	PVC	2x1C 10		1C 10		3.91		3.91					studio
DB ST- 15		SP		40		25	PVC	2x1C 10		1C 10			3.89	3.89					studio
DB ST- 16		SP		40		25	PVC	2x1C 10		1C 10	3.89			3.89					studio
DB ST- 17		SP		40		25	PVC	2x1C 10		1C 10		3.89		3.89					studio
DB ST- 18		SP		40		25	PVC	2x1C 10		1C 10			3.89	3.89					studio
DB ST- 19		SP		40		25	PVC	2x1C 10		1C 10	3.89			3.89					studio
DB ST- 20		SP		40		25	PVC	2x1C 10		1C 10		3.89		3.89					studio
DB FL- 21		SP		63		25	PVC	2x1C 25		1C 16		9.04		9.04					2bhk
SMDB CONNECTED TO : MDB						TOTAL CONNECTED LOAD PER PHASE					32.42	32.42	30.27	95.11	0	0	0	0	TOTAL

MAX. DEMAND (3 PH) KW AT DIVERSITY TOTAL CONNECTED LOAD (3 PH) 95.11 KW.

PROVIDE CT-METER WHEN MAX. DEMAND ---> 100 KW.

NOTE:- ALL CABLES MARKED(*) SHALL BE FIRE RATED AS FP 400 OR EQUAL APPROVED OF THE SIZE BASED ON THE ABOVE SCHEDULE.

(1) 20-80A (2) 30-90/120A (3) 100-200A (4)……/……A

LOCATION : ELECROOM(2-13)

SMDB-TYP(4,5,10,11)

DETAILS OF CONNECTED LOAD/MAX. DEMAND

OWNER : .

PROJECT: G+5P+14+HC DELUXE HOTEL APARTEMENTS

AREA : AL JADAF-DUBAI

PLOT NO. :

CERCUIT FEEDER DB NO.	PF = 0.8 IMAX	SP/TP	RATING-AMPS LBS	MCCB	ACB	FAULT DUTY KA	PVC/ XLPE SWA/PVC	CABLE SIZE 2/4 X 1C mm	2/3/4C mm2	ECC SIZE 1C mm2	CONNECTED LOAD-KW R. PH kW	Y. PH kW	B. PH kW	CON. KW.	1-PH (1)	3-PH (2)	3-PH (3)	CT (4)	REMARKS (m)
INCOMER :		TP	200			35	XLPE/SWA/PVC		4C 95	1X50	30.272	32.42	32.42	95.11	0	0	0	0	
OUTGOING :																			
DB FL- 1		SP		63		25	PVC	2x1C 25		1C 16			9.04	9.04					2bhk
DB ST- 2		SP		40		25	PVC	2x1C 10		1C 10		3.89		3.89					studio
DB ST- 3		SP		40		25	PVC	2x1C 10		1C 10	3.89			3.89					studio
DB ST- 4		SP		40		25	PVC	2x1C 10		1C 10			3.89	3.89					studio
DB ST- 5		SP		40		25	PVC	2x1C 10		1C 10		3.89		3.89					studio
DB ST- 6		SP		40		25	PVC	2x1C 10		1C 10	3.89			3.89					studio
DB ST- 7		SP		40		25	PVC	2x1C 10		1C 10		3.91		3.91					studio
DB FL- 8		SP		40		25	PVC	2x1C 25		1C 16	5.41			5.41					1bhk
DB FL- 9		SP		40		25	PVC	2x1C 10		1C 10	5.41			5.41					1bhk
DB ST- 10		SP		40		25	PVC	2x1C 10		1C 10			3.89	3.89					studio
DB ST- 11		SP		40		25	PVC	2x1C 10		1C 10	3.89			3.89					studio
DB FL- 12		SP		40		25	PVC	2x1C 10		1C 10			3.91	3.91					studio
DB ST- 13		SP		40		25	PVC	2x1C 10		1C 10			3.91	3.91					studio
DB ST- 14		SP		40		25	PVC	2x1C 10		1C 10		3.91		3.91					studio
DB ST- 15		SP		40		25	PVC	2x1C 10		1C 10	3.89			3.89					studio
DB ST- 16		SP		40		25	PVC	2x1C 10		1C 10			3.89	3.89					studio
DB ST- 17		SP		40		25	PVC	2x1C 10		1C 10		3.89		3.89					studio
DB ST- 18		SP		40		25	PVC	2x1C 10		1C 10	3.89			3.89					studio
DB ST- 19		SP		40		25	PVC	2x1C 10		1C 10			3.89	3.89					studio
DB ST- 20		SP		40		25	PVC	2x1C 10		1C 10		3.89		3.89					studio
DB FL- 21		SP		63		25	PVC	2x1C 25		1C 16		9.04		9.04					2bhk
SMDB CONNECTED TO : MDB						TOTAL CONNECTED LOAD PER PHASE					30.27	32.42	32.42	95.11	0	0	0	0	TOTAL

MAX. DEMAND (3 PH) KW AT DIVERSITY TOTAL CONNECTED LOAD (3 PH) 95.11 KW.

PROVIDE CT-METER WHEN MAX. DEMAND ---> 100 KW.

NOTE:- ALL CABLES MARKED(*) SHALL BE FIRE RATED AS FP 400 OR EQUAL APPROVED OF THE SIZE BASED ON THE ABOVE SCHEDULE.

(1) 20-80A (2) 30-90/120A (3) 100-200A (4)……/……A

LOCATION : ELECROOM(2-13)

SMDB-TYP(12,13)

DETAILS OF CONNECTED LOAD/MAX. DEMAND

OWNER :

PROJECT: G+5P+14+HC DELUXE HOTEL APARTEMENTS

AREA : AL JADAF-DUBAI

PLOT NO. :

CERCUIT FEEDER DB NO.	PF = 0.8 IMAX	SP/TP	RATING-AMPS LBS	MCCB	ACB	FAULT DUTY KA	PVC/ XLPE SWA/PVC	CABLE SIZE 2/4 X 1C mm	2/3/4C mm2	ECC SIZE 1C mm2	CONNECTED LOAD-KW R. PH kW	Y. PH kW	B. PH kW	CON. KW.	1-PH (1)	3-PH (2)	3-PH (3)	CT (4)	REMARKS (m)
INCOMER :		TP	200			35	XLPE/SWA/PVC		4C 95	1X50	32.42	30.272	32.42	95.11	0	0	0	0	
OUTGOING :																			
DB FL- 1		SP		63		25	PVC	2x1C 25		1C 16			9.04	9.04					2bhk
DB ST- 2		SP		40		25	PVC	2x1C 10		1C 10	3.89			3.89					studio
DB ST- 3		SP		40		25	PVC	2x1C 10		1C 10		3.89		3.89					studio
DB ST- 4		SP		40		25	PVC	2x1C 10		1C 10			3.89	3.89					studio
DB ST- 5		SP		40		25	PVC	2x1C 10		1C 10	3.89			3.89					studio
DB ST- 6		SP		40		25	PVC	2x1C 10		1C 10		3.89		3.89					studio
DB ST- 7		SP		40		25	PVC	2x1C 10		1C 10	3.91			3.91					studio
DB FL- 8		SP		40		25	PVC	2x1C 25		1C 16		5.41		5.41					1bhk
DB FL- 9		SP		40		25	PVC	2x1C 10		1C 10		5.41		5.41					1bhk
DB ST- 10		SP		40		25	PVC	2x1C 10		1C 10			3.89	3.89					studio
DB ST- 11		SP		40		25	PVC	2x1C 10		1C 10		3.89		3.89					studio
DB FL- 12		SP		40		25	PVC	2x1C 10		1C 10			3.91	3.91					studio
DB ST- 13		SP		40		25	PVC	2x1C 10		1C 10			3.91	3.91					studio
DB ST- 14		SP		40		25	PVC	2x1C 10		1C 10	3.91			3.91					studio
DB ST- 15		SP		40		25	PVC	2x1C 10		1C 10		3.89		3.89					studio
DB ST- 16		SP		40		25	PVC	2x1C 10		1C 10			3.89	3.89					studio
DB ST- 17		SP		40		25	PVC	2x1C 10		1C 10	3.89			3.89					studio
DB ST- 18		SP		40		25	PVC	2x1C 10		1C 10		3.89		3.89					studio
DB ST- 19		SP		40		25	PVC	2x1C 10		1C 10			3.89	3.89					studio
DB ST- 20		SP		40		25	PVC	2x1C 10		1C 10	3.89			3.89					studio
DB FL- 21		SP		63		25	PVC	2x1C 25		1C 16	9.04			9.04					2bhk
SMDB CONNECTED TO : MDB						TOTAL CONNECTED LOAD PER PHASE					32.42	30.27	32.42	95.11	0	0	0	0	TOTAL

MAX. DEMAND (3 PH) KW AT DIVERSITY TOTAL CONNECTED LOAD (3 PH) 95.11 KW.

PROVIDE CT-METER WHEN MAX. DEMAND ---> 100 KW.

NOTE:- ALL CABLES MARKED(*) SHALL BE FIRE RATED AS FP 400 OR EQUAL APPROVED OF THE SIZE BASED ON THE ABOVE SCHEDULE.

(1) 20-80A (2) 30-90/120A (3) 100-200A (4)……/……A

LOCATION :ELEC ROO

DETAILS OF CONNECTED LOAD/MAX. DEMAND

PROJECT: G+5P+14+HC DELUXE HOTEL APARTEMENTS

SMDB-14F

OWNER : .

AREA : AL JADAF-DUBAI

FED FROM-BUSBAR-3

PLOT NO. :

CERCUIT FEEDER DB NO.	PF = 0.8 IMAX	SP/TP	RATING-AMPS LBS	MCCB	ACB	FAULT DUTY KA	PVC/ XLPE SWA/PVC	CABLE SIZE 2/4 X 1C mm	2/3/4C mm2	ECC SIZE 1C mm2	CONNECTED LOAD-KW R. PH kW	Y. PH kW	B. PH kW	CON. KW.	1-PH (1)	3-PH (2)	3-PH (3)	CT (4)	REMARKS (m)
INCOMER :		TP	160			35	XLPE/SWA/PVC		4C 70	1X35	20.977	24.897	24.885	70.76	0	0	0	0	
OUTGOING :																			
DB FL- 1		SP		40		25	PVC	2x1C 10		1C 10			5.42	5.42					
DB ST- 2		SP		40		25	PVC	2x1C 10		1C 10	3.89			3.89					studio-1
DB ST- 3		SP		40		25	PVC	2x1C 10		1C 10		3.89		3.89					studio-1
DB ST- 4		SP		40		25	PVC	2x1C 10		1C 10			3.89	3.89					studio-1
DB ST- 5		SP		40		25	PVC	2x1C 10		1C 10	3.89			3.89					studio-1
DB ST- 6		SP		40		25	PVC	2x1C 10		1C 10		3.89		3.89					studio-1
DB ST- 7		SP		40		25	PVC	2x1C 10		1C 10			3.91	3.91					studio-2
DB FL- 8		SP		40		25	PVC	2x1C 10		1C 10		5.41		5.41					
DB ST- 9		SP		40		25	PVC	2x1C 10		1C 10		3.91		3.91					studio-2
DB ST- 10		SP		40		25	PVC	2x1C 10		1C 10		3.91		3.91					studio-2
DB ST- 11		SP		40		25	PVC	2x1C 10		1C 10			3.89	3.89					studio-1
DB ST- 12		SP		40		25	PVC	2x1C 10		1C 10	3.89			3.89					studio-1
DB ST- 13		SP		40		25	PVC	2x1C 10		1C 10		3.89		3.89					studio-1
DB ST- 14		SP		40		25	PVC	2x1C 10		1C 10			3.89	3.89					studio-1
DB ST- 15		SP		40		25	PVC	2x1C 10		1C 10	3.89			3.89					studio-1
DB ST- 16		SP		40		25	PVC	2x1C 10		1C 10			3.89	3.89					studio-1
DB FL- 17		SP		40		25	PVC	2x1C 10		1C 10	5.42			5.42					
SMDB CONNECTED TO : MDB						TOTAL CONNECTED LOAD PER PHASE					20.98	24.90	24.89	70.76	0	0			TOTAL

MAX. DEMAND (3 PH) KW AT DIVERSITY TOTAL CONNECTED LOAD (3 PH) 70.76 KW.

PROVIDE CT-METER WHEN MAX. DEMAND ---> 100 KW.

NOTE:- ALL CABLES MARKED(*) SHALL BE FIRE RATED AS
FP 400 OR EQUAL APPROVED OF THE SIZE BASED ON THE ABOVE SCHEDULE.

(1) 20-80A (2) 30-90/120A (3) 100-200A (4)……/……A

LOCATION OF SMDB : LV ROOM

ESMDB

FED FROM-LV-4

DETAILS OF CONNECTED LOAD/MAX. DEMAND

OWNER : .

PROJECT: G+5P+14+HC DELUXE HOTEL APARTEMENTS

AREA : AL JADAF-DUBAI

PLOT NO. :

CERCUIT FEEDER DB NO.	PF = 0.8 IMAX	SP/TP	RATING-AMPS LBS	MCCB	ACB	FAULT DUTY KA	PVC/ XLPE SWA/PVC	CABLE SIZE 2/4 X 1C mm	2/3/4C mm2	ECC SIZE 1C mm2	CONNECTED LOAD-KW R. PH kW	Y. PH kW	B. PH kW	CON. KW.	1-PH (1)	3-PH (2)	3-PH (3)	CT (4)	REMARKS (m)
INCOMER :		TP	800			NA	XLPE/SWA/PVC*		2x4C 300	2x150	135.22	135.87	134.65	405.78	0	0	0	0	400KVA
OUTGOING :																			
DB-TEL		TP		40		25	XLPE/SWA/PVC*		4C 10	1X10	2.40	2.50	2.61	7.51					
EDB-GF		SP		80		25	XLPE/SWA/PVC*		3C 25		13.00			13.00					
EDB-P1		SP		40		25	XLPE/SWA/PVC*		3C 16			5.31		5.31					
EDB-P2		SP		40		25	XLPE/SWA/PVC*		3C 16				3.16	3.16					
EDB-P3		SP		40		25	XLPE/SWA/PVC*		3C 16		3.16			3.16					
EDB-P4		SP		40		25	XLPE/SWA/PVC*		3C 16				4.36	4.36					
EDB-P5		SP		40		25	XLPE/SWA/PVC*		3C 16			3.16		3.16					
EDB-FF		TP		63		25	XLPE/SWA/PVC*		4C 25	1X16	4.70	5.14	4.86	14.70					
EDB-2F		TP		40		25	XLPE/SWA/PVC*		4C 10	1X10	3.78	3.28	3.05	10.11					
EDB-5F		TP		63		25	XLPE/SWA/PVC*		4C 25	1X16	3.88	3.88	3.65	11.41					
EDB-8F		TP		40		25	XLPE/SWA/PVC*		4C 16	1X16	3.28	3.88	3.05	10.21					
EDB-11F		TP		63		25	XLPE/SWA/PVC*		4C 25	1X16	5.08	5.98	5.45	16.51					
EDB-14F		SP		40		25	XLPE/SWA/PVC*		3C 10				4.27	4.27					
EDB-H.C		SP		40		25	XLPE/SWA/PVC*		3C 10			6.70		6.70					
DB-SPV		SP		40		25	XLPE/SWA/PVC*		3C 10				4.45	4.45					
EDB-PUMP		TP		63		25	XLPE/SWA/PVC		4C 25	1X16	3.77	3.67	3.57	11.01					
TR. PUMP		TP		63		25	XLPE/SWA/PVC*		4C 25	1X16	3.33	3.33	3.33	10.00					30mA ELCB
SMDB-UPS		TP		63		25	XLPE/SWA/PVC*		4C 25	1X16	10.00	10.00	10.00	30.00					
ESMDB-ROOF		TP		125		25	XLPE/SWA/PVC*		4C 50	1X 25	27.68	27.88	27.68	83.25					
ESMDB-P1		TP		200		25	XLPE/SWA/PVC*		4C 95	1X50	30.00	30.00	30.00	90.00					
ESMDB-P4		TP		125		25	XLPE/SWA/PVC*		4C 50	1X25	20.00	20.00	20.00	60.00					
JOCKEY PUMP		TP		32		25	XLPE/SWA/PVC		4C 6	1X6	1.16	1.16	1.16	3.50					30mA ELS+ALARM
MDB CONNECTED TO : TRANSFORMER SMDB CONNECTED TO : MDB						TOTAL CONNECTED LOAD PER PHASE					135.22	135.87	134.65	405.78	0	0	0	0	TOTAL

MAX. DEMAND (3 PH) KW AT DIVERSITY **TOTAL CONNECTED LOAD (3 PH)** 405.78 KW.

PROVIDE CT-METER WHEN MAX. DEMAND ---> 100 KW.

NOTE:- ALL CABLES MARKED(*) SHALL BE FIRE RATED AS
FP 400 OR EQUAL APPROVED OF THE SIZE BASED ON THE ABOVE SCHEDULE.

(1) 20-80A (2) 30-90/120A (3) 100-200A (4)……/……A

LOCATION :ELE ROOM-P1

ESMDB-P1

FED FROM-ESMDB

DETAILS OF CONNECTED LOAD/MAX. DEMAND

OWNER : .

PROJECT: G+5P+14+HC DELUXE HOTEL APARTEMENTS

AREA : AL JADAF-DUBAI

PLOT NO. : .

CERCUIT FEEDER DB NO.	PF = 0.8 IMAX	SP/TP	RATING-AMPS LBS	MCCB	ACB	FAULT DUTY KA	PVC/ XLPE SWA/PVC	CABLE SIZE 2/4 X 1C mm	2/3/4C mm2	ECC SIZE 1C mm2	CONNECTED LOAD-KW R. PH kW	Y. PH kW	B. PH kW	CON. KW.	1-PH (1)	3-PH (2)	3-PH (3)	CT (4)	REMARKS (m)
INCOMER :		TP		200		NA	XLPE/SWA/PVC		4C 95	1X50	30.00	30.00	30.00	90.00	0	0	0	0	
OUTGOING :																			
EXTRACT FAN-P1 01		TP		25		25	PVC		4x1C 6	1X6	2.50	2.50	2.50	7.50					100mA ELS+ALARM
EXTRACT FAN-P1 02		TP		25		25	PVC		4x1C 6	1X6	2.50	2.50	2.50	7.50					100mA ELS+ALARM
EXTRACT FAN-P1 03		TP		25		25	PVC		4x1C 6	1X6	2.50	2.50	2.50	7.50					100mA ELS+ALARM
EXTRACT FAN-P1 04		TP		25		25	PVC		4x1C 6	1X6	2.50	2.50	2.50	7.50					100mA ELS+ALARM
EXTRACT FAN-P2 01		TP		25		25	PVC		4x1C 6	1X6	2.50	2.50	2.50	7.50					100mA ELS+ALARM
EXTRACT FAN-P2 02		TP		25		25	PVC		4x1C 6	1X6	2.50	2.50	2.50	7.50					100mA ELS+ALARM
EXTRACT FAN-P2 03		TP		25		25	PVC		4x1C 6	1X6	2.50	2.50	2.50	7.50					100mA ELS+ALARM
EXTRACT FAN-P2 04		TP		25		25	PVC		4x1C 6	1X6	2.50	2.50	2.50	7.50					100mA ELS+ALARM
EXTRACT FAN-P3 01		TP		25		25	PVC		4x1C 6	1X6	2.50	2.50	2.50	7.50					100mA ELS+ALARM
EXTRACT FAN-P3 02		TP		25		25	PVC		4x1C 6	1X6	2.50	2.50	2.50	7.50					100mA ELS+ALARM
EXTRACT FAN-P3 03		TP		25		25	PVC		4x1C 6	1X6	2.50	2.50	2.50	7.50					100mA ELS+ALARM
EXTRACT FAN-P3 04		TP		25		25	PVC		4x1C 6	1X6	2.50	2.50	2.50	7.50					100mA ELS+ALARM
SMDB CONNECTED TO : MDB						TOTAL CONNECTED LOAD PER PHASE					30.00	30.00	30.00	90.00	0	0	0		TOTAL

MAX. DEMAND (3 PH) KW AT DIVERSITY TOTAL CONNECTED LOAD (3 PH) 90.00

PROVIDE CT-METER WHEN MAX. DEMAND ---> 100 KW.

NOTE:- ALL CABLES MARKED(*) SHALL BE FIRE RATED AS
FP 400 OR EQUAL APPROVED OF THE SIZE BASED ON THE ABOVE SCHEDULE.

(1) 20-80A (2) 30-90/120A (3) 100-200A (4)...../.....A

LOCATION :ELE ROOM-P4

ESMDB-P4

FED FROM-ESMDB

DETAILS OF CONNECTED LOAD/MAX. DEMAND

OWNER : .

PROJECT: G+5P+14+HC DELUXE HOTEL APARTEMENTS

AREA : AL JADAF-DUBAI

PLOT NO. :

CERCUIT FEEDER DB NO.	PF = 0.8 IMAX	SP/TP	RATING-AMPS LBS	MCCB	ACB	FAULT DUTY KA	PVC/ XLPE SWA/PVC	CABLE SIZE 2/4 X 1C mm	2/3/4C mm2	ECC SIZE 1C mm2	CONNECTED LOAD-KW R. PH kW	Y. PH kW	B. PH kW	CON. KW.	1-PH (1)	3-PH (2)	3-PH (3)	CT (4)	REMARKS (m)
INCOMER :		TP	125			NA	XLPE/SWA/PVC		4C 50	1X25	20.00	20.00	20.00	60.00	0	0	0	0	
OUTGOING :																			
EXTRACT FAN-P4 01		TP		25		25	PVC		4x1C 6	1X6	2.50	2.50	2.50	7.50					100mA ELS+ALARM
EXTRACT FAN-P4 02		TP		25		25	PVC		4x1C 6	1X6	2.50	2.50	2.50	7.50					100mA ELS+ALARM
EXTRACT FAN-P4 03		TP		25		25	PVC		4x1C 6	1X6	2.50	2.50	2.50	7.50					100mA ELS+ALARM
EXTRACT FAN-P4 04		TP		25		25	PVC		4x1C 6	1X6	2.50	2.50	2.50	7.50					100mA ELS+ALARM
EXTRACT FAN-P5 01		TP		25		25	PVC		4x1C 6	1X6	2.50	2.50	2.50	7.50					100mA ELS+ALARM
EXTRACT FAN-P5 02		TP		25		25	PVC		4x1C 6	1X6	2.50	2.50	2.50	7.50					100mA ELS+ALARM
EXTRACT FAN-P5 03		TP		25		25	PVC		4x1C 6	1X6	2.50	2.50	2.50	7.50					100mA ELS+ALARM
EXTRACT FAN-P5 04		TP		25		25	PVC		4x1C 6	1X6	2.50	2.50	2.50	7.50					100mA ELS+ALARM
SMDB CONNECTED TO : MDB						TOTAL CONNECTED LOAD PER PHASE					20.00	20.00	20.00	60.00	0	0	0		TOTAL

MAX. DEMAND (3 PH) KW AT DIVERSITY TOTAL CONNECTED LOAD (3 PH) 60.00

PROVIDE CT-METER WHEN MAX. DEMAND ---> 100 KW.

NOTE:- ALL CABLES MARKED(*) SHALL BE FIRE RATED AS FP 400 OR EQUAL APPROVED OF THE SIZE BASED ON THE ABOVE SCHEDULE.

(1) 20-80A (2) 30-90/120A (3) 100-200A (4)...../.....A

LOCATION :ELE ROOM-2 RF

ESMDB-ROOF

FED FROM-ESMDB

DETAILS OF CONNECTED LOAD/MAX. DEMAND

OWNER : .

PROJECT: G+5P+14+HC DELUXE HOTEL APARTEMENTS

AREA : AL JADAF-DUBAI

PLOT NO. :

CERCUIT FEEDER DB NO.	PF = 0.8 IMAX	SP/TP	RATING-AMPS LBS	MCCB	ACB	FAULT DUTY KA	PVC/ XLPE SWA/PVC	CABLE SIZE 2/4 X 1C mm	2/3/4C mm2	ECC SIZE 1C mm2	CONNECTED LOAD-KW R. PH kW	Y. PH kW	B. PH kW	CON. KW.	1-PH (1)	3-PH (2)	3-PH (3)	CT (4)	REMARKS (m)
INCOMER :		TP	160			NA	XLPE/SWA/PVC		4C 70	1X35	27.68	27.88	27.68	83.25	0	0	0	0	
OUTGOING :																			
SPF-1		TP		20		25	XLPE/SWA/PVC*		4C 6	1X6	1.33	1.33	1.33	4.00					100mA ELS+ALARM
SPF-2		TP		20		25	XLPE/SWA/PVC*		4C 6	1X6	1.33	1.33	1.33	4.00					100mA ELS+ALARM
SEF		TP		20		25	XLPE/SWA/PVC*		4C 6	1X6	1.33	1.33	1.33	4.00					100mA ELS+ALARM
LPF		TP		20		25	XLPE/SWA/PVC*		4C 6	1X6	1.00	1.00	1.00	3.00					100mA ELS+ALARM
TXF-1		SP		20		25	XLPE/SWA/PVC*		4C 4	1X4			0.55	0.55					100mA ELCB
TXF-2		SP		20		25	XLPE/SWA/PVC*		4C 4	1X4	0.55			0.55					100mA ELCB
MKF-1		TP		20		25	XLPE/SWA/PVC*		4C 6	1X6	0.67	0.67	0.67	2.00					100mA ELS+ALARM
MKF-2		TP		20		25	XLPE/SWA/PVC*		4C 6	1X6	0.67	0.67	0.67	2.00					100mA ELS+ALARM
KEF		SP		20		25	XLPE/SWA/PVC*		4C 4	1X4		0.75		0.75					100mA ELS+ALARM
BOOSTER PUMP		TP		20		25	XLPE/SWA/PVC		4C 4	1X4	0.73	0.73	0.73	2.20					30mA ELCB
BOOSTER PUMP(STAND BY)		TP		20		25	XLPE/SWA/PVC		4C 4	1X4	0.73	0.73	0.73	2.20					30mA ELCB
GSM-02		TP		32		25	XLPE/SWA/PVC		4C 6	1X6	3.00	3.00	3.00	9.00					100mA ELCB
GSM-01		TP		32		25	XLPE/SWA/PVC		4C 6	1X6	3.00	3.00	3.00	9.00					100mA ELCB
LIFT-2		TP		63		25	XLPE/SWA/PVC*		4C 25	1X16	6.67	6.67	6.67	20.00					300mA ELCB
LIFT-4		TP		63		25	XLPE/SWA/PVC*		4C 25	1X16	6.67	6.67	6.67	20.00					300mA ELCB
SMDB CONNECTED TO : MDB						TOTAL CONNECTED LOAD PER PHASE					27.68	27.88	27.68	83.25	0	0	0		TOTAL

MAX. DEMAND (3 PH) KW AT DIVERSITY TOTAL CONNECTED LOAD (3 PH) 83.25

PROVIDE CT-METER WHEN MAX. DEMAND ---> 100 KW.

NOTE:- ALL CABLES MARKED(*) SHALL BE FIRE RATED AS FP 400 OR EQUAL APPROVED OF THE SIZE BASED ON THE ABOVE SCHEDULE.

(1) 20-80A (2) 30-90/120A (3) 100-200A (4)...../.....A

LOCATION :ELE ROOM-2 RF

DETAILS OF CONNECTED LOAD/MAX. DEMAND

PROJECT: G+5P+14+HC DELUXE HOTEL APARTEMENTS

SMDB-C.W.H

OWNER : .

AREA : AL JADAF-DUBAI

FED FROM: MDB-RF1

PLOT NO. : .

CERCUIT FEEDER DB NO.	PF = 0.8 IMAX	SP/TP	RATING-AMPS LBS	MCCB	ACB	FAULT DUTY KA	PVC/ XLPE SWA/PVC	CABLE SIZE 2/4 X 1C mm	2/3/4C mm2	ECC SIZE 1C mm2	CONNECTED LOAD-KW R. PH kW	Y. PH kW	B. PH kW	CON. KW.	1-PH (1)	3-PH (2)	3-PH (3)	CT (4)	REMARKS (m)
INCOMER :		TP	80			NA	XLPE/SWA/PVC		4C 25	1X16	12.90	12.90	12.90	38.69	0	0	0	0	
OUTGOING :																			
CWH-1		TP		40		25	XLPE/SWA/PVC		4C 16	1X16	3.77	3.77	3.77	11.30					30mA ELCB
CWH-2		TP		40		25	XLPE/SWA/PVC		4C 16	1X16	3.77	3.77	3.77	11.30					30mA ELCB
CWH-3		TP		40		25	XLPE/SWA/PVC		4C 16	1X16	3.77	3.77	3.77	11.30					30mA ELCB
Circ. P		TP		20		25	XLPE/SWA/PVC		4C 4	1X4	0.53	0.53	0.53	1.60					30mA ELCB
Circ. P		TP		20		25	XLPE/SWA/PVC		4C 4	1X4	0.53	0.53	0.53	1.60					30mA ELCB
Circ. P		TP		20		25	XLPE/SWA/PVC		4C 4	1X4	0.53	0.53	0.53	1.60					30mA ELCB
SMDB CONNECTED TO : MDB						TOTAL CONNECTED LOAD PER PHASE					12.90	12.90	12.90	38.69	0	0	0		TOTAL

MAX. DEMAND (3 PH) KW AT DIVERSITY TOTAL CONNECTED LOAD (3 PH) 38.69

PROVIDE CT-METER WHEN MAX. DEMAND ---> 100 KW.

NOTE:- ALL CABLES MARKED(*) SHALL BE FIRE RATED AS
FP 400 OR EQUAL APPROVED OF THE SIZE BASED ON THE ABOVE SCHEDULE.

(1) 20-80A (2) 30-90/120A (3) 100-200A (4)……/……A

LOCATION :ELE ROOM-2 RF

DETAILS OF CONNECTED LOAD/MAX. DEMAND

PROJECT: G+5P+14+HC DELUXE HOTEL APARTEMENTS

MCC-CHW P

OWNER : .

AREA : AL JADAF-DUBAI

FED FROM: MDB-RF1

PLOT NO. :

CERCUIT FEEDER DB NO.	PF = 0.8 IMAX	SP/TP	RATING-AMPS LBS	MCCB	ACB	FAULT DUTY KA	PVC/ XLPE SWA/PVC	CABLE SIZE 2/4 X 1C mm	2/3/4C mm2	ECC SIZE 1C mm2	CONNECTED LOAD-KW R. PH kW	Y. PH kW	B. PH kW	CON. KW.	1-PH (1)	3-PH (2)	3-PH (3)	CT (4)	REMARKS (m)
INCOMER :		TP	350			NA	XLPE/SWA/PVC		4C240	1X120	51.50	51.50	51.50	154.50	0	0	0	0	
OUTGOING :																			
CHW PUMP 1		TP		160		25	XLPE/SWA/PVC		4C 70	1X35	25.00	25.00	25.00	75.00				STARTER	30mA ELCB
CHW PUMP 2		TP		160		25	XLPE/SWA/PVC		4C 70	1X35	25.00	25.00	25.00	75.00				STARTER	30mA ELCB
PRESS. PUMP		TP		20		25	XLPE/SWA/PVC		4C 4	1X4	0.75	0.75	0.75	2.25					30mA ELCB
CHEM.DOSE PUMP		TP		20		25	XLPE/SWA/PVC		4C 4	1X4	0.75	0.75	0.75	2.25					30mA ELCB
SMDB CONNECTED TO : MDB						TOTAL CONNECTED LOAD PER PHASE					51.50	51.50	51.50	154.50	0	0	0		TOTAL

MAX. DEMAND (3 PH) KW AT DIVERSITY TOTAL CONNECTED LOAD (3 PH) 154.50

PROVIDE CT-METER WHEN MAX. DEMAND ---> 100 KW.

NOTE:- ALL CABLES MARKED(*) SHALL BE FIRE RATED AS
FP 400 OR EQUAL APPROVED OF THE SIZE BASED ON THE ABOVE SCHEDULE.

(1) 20-80A (2) 30-90/120A (3) 100-200A (4)...../.....A

LOCATION :ELE ROOM-2 RF

SMDB-ROOF

FED FROM: MDB-RF2

DETAILS OF CONNECTED LOAD/MAX. DEMAND

OWNER :

PROJECT: G+5P+14+HC DELUXE HOTEL APARTEMENTS

AREA : AL JADAF-DUBAI

PLOT NO. : .

CERCUIT FEEDER DB NO.	PF = 0.8 IMAX	SP/TP	RATING-AMPS LBS	MCCB	ACB	FAULT DUTY KA	PVC/ . SWA/PVC	CABLE SIZE 2/4 X 1C mm	2/3/4C mm2	ECC SIZE 1C mm2	CONNECTED LOAD-KW R. PH kW	Y. PH kW	B. PH kW	CON. KW.	1-PH (1)	3-PH (2)	3-PH (3)	CT (4)	REMARKS (m)
INCOMER :		TP	500			NA	XLPE/SWA/PVC		2X4C 150	1X150	67.12	67.52	67.42	202.05	0	0	0	0	
OUTGOING :																			
DB-ROOF		TP		32		25	XLPE/SWA/PVC		4C 10	1X10	1.20	1.60	1.50	4.30					
ROOF CRADLE		TP		40		25	XLPE/SWA/PVC		4C 10	1X10	4.00	4.00	4.00	12.00					100mA ELCB
SMDB-LIFTS		TP		200		25	XLPE/SWA/PVC		4C 95	1X50	33.33	33.33	33.33	100.00					
LPG		TP		32		25	XLPE/SWA/PVC		4C 6	1X6	3.33	3.33	3.33	10.00					100mA ELCB
FAHU		TP		160		25	XLPE/SWA/PVC		4C 70	1X35	25.25	25.25	25.25	75.75					100mA ELCB
MDB CONNECTED TO : TRANSFORMER SMDB CONNECTED TO : MDB						TOTAL CONNECTED LOAD PER PHASE					67.12	67.52	67.42	202.05	0	0	0	0	TOTAL

MAX. DEMAND (3 PH) KW AT DIVERSITY TOTAL CONNECTED LOAD (3 PH) 202.05 KW.

PROVIDE CT-METER WHEN MAX. DEMAND ---> 100 KW.

NOTE:- ALL CABLES MARKED(*) SHALL BE FIRE RATED AS
FP 400 OR EQUAL APPROVED OF THE SIZE BASED ON THE ABOVE SCHEDULE.

(1) 20-80A (2) 30-90/120A (3) 100-200A (4)...../.....A

LOCATION :ELE ROOM-2 RF

DETAILS OF CONNECTED LOAD/MAX. DEMAND

PROJECT: G+5P+14+HC DELUXE HOTEL APARTEMENTS

SMDB-LIFTS

OWNER :

AREA : AL JADAF-DUBAI

FED FROM: SMDB-ROOF

PLOT NO. : .

CERCUIT FEEDER DB NO.	PF = 0.8 IMAX	SP/TP	RATING-AMPS LBS	MCCB	ACB	FAULT DUTY KA	PVC/ XLPE SWA/PVC	CABLE SIZE 2/4 X 1C mm	2/3/4C mm2	ECC SIZE 1C mm2	CONNECTED LOAD-KW R. PH kW	Y. PH kW	B. PH kW	CON. KW.	1-PH (1)	3-PH		CT	REMARKS (m)
INCOMER :		TP	200			NA	XLPE/SWA/PVC		4C 95	1X50	33.33	33.33	33.33	100.00	0	0	0	0	
OUTGOING :																			
LIFT-1		TP		63		25	XLPE/SWA/PVC		4C 25	1X16	6.67	6.67	6.67	20.00					300mA ELCB
LIFT-3		TP		63		25	XLPE/SWA/PVC		4C 25	1X16	6.67	6.67	6.67	20.00					300mA ELCB
LIFT-5		TP		63		25	XLPE/SWA/PVC		4C 25	1X16	6.67	6.67	6.67	20.00					300mA ELCB
LIFT-6		TP		63		25	XLPE/SWA/PVC		4C 25	1X16	6.67	6.67	6.67	20.00					300mA ELCB
SPARE		TP									6.67	6.67	6.67	20.00					
SMDB CONNECTED TO : MDB						TOTAL CONNECTED LOAD PER PHASE					33.33	33.33	33.33	100.00	0	0	0	0	TOTAL

MAX. DEMAND (3 PH) KW AT DIVERSITY TOTAL CONNECTED LOAD (3 PH) 100.00 KW.

PROVIDE CT-METER WHEN MAX. DEMAND ---> 100 KW.

(1) 20-80A (2) 30-90/120A (3) 100-200A (4)……/……A

LOCATION :

BUSBAR-3

FED FROM: LV-3

DETAILS OF CONNECTED LOAD/MAX. DEMAND

OWNER : .

PROJECT: G+5P+14+HC DELUXE HOTEL APARTEMENTS

AREA : AL JADAF-DUBAI

PLOT NO. :

CERCUIT FEEDER DB NO.	PF = 0.8 IMAX	SP/TP	RATING-AMPS LBS	MCCB	ACB AT 0.85	FAULT DUTY KA	PVC/ XLPE SWA/PVC	CABLE SIZE 2/4 X 1C mm	2/3/4C mm2	ECC SIZE 1C mm2	CONNECTED LOAD-KW R. PH kW	Y. PH kW	B. PH kW	CON. KW.	1-PH (1)	3-PH (2)	3-PH (3)	CT (4)	REMARKS (m)
INCOMER 1 :		TP			2000	55	2000A BUSBAR TPN + E CU				318.70	322.62	318.31	959.66	0	0			
OUTGOING :																			
SMDF- 6F		TP		200		35	XLPE/SWA/PVC		4C 95	1X50	32.42	32.42	30.272	95.11					
SMDF-7F		TP		200		35	XLPE/SWA/PVC		4C 95	1X50	32.42	32.42	30.272	95.11					
SMDF-8F		TP		200		35	XLPE/SWA/PVC		4C 95	1X50	32.42	32.42	30.27	95.11					
SMDF-9F		TP		200		35	XLPE/SWA/PVC		4C 95	1X50	32.42	32.42	30.27	95.11					
SMDF-10F		TP		200		35	XLPE/SWA/PVC		4C 95	1X50	30.27	32.42	32.42	95.11					
SMDF-11F		TP		200		35	XLPE/SWA/PVC		4C 95	1X50	30.27	32.42	32.42	95.11					
SMDF-12F		TP		200		35	XLPE/SWA/PVC		4C 95	1X50	32.42	30.27	32.42	95.11					
SMDF-13F		TP		200		35	XLPE/SWA/PVC		4C 95	1X50	32.42	30.27	32.42	95.11					
SMDF-14F		TP		160		35	XLPE/SWA/PVC		4C 70	1X35	20.98	24.90	24.89	70.76					
SMDF-HC		TP		250		35	XLPE/SWA/PVC		4C 150	1X70	42.66	42.66	42.66	128.00					
						TOTAL CONNECTED LOAD PER PHASE					318.70	322.62	318.31	959.66	0	0		0	TOTAL

MAX. DEMAND (3 PH) KW AT DIVERSITY

TOTAL CONNECTED LOAD (3 PH) 959.66 KW.

PROVIDE CT-METER WHEN MAX. DEMAND ---> 100 KW.

NOTE:- ALL CABLES MARKED(*) SHALL BE FIRE RATED AS
FP 400 OR EQUAL APPROVED OF THE SIZE BASED ON THE ABOVE SCHEDULE.

(1) 20-80A (2) 30-90/120A (3) 100-200A (4)...../.....A

LOCATION :ELEC ROO

DETAILS OF CONNECTED LOAD/MAX. DEMAND

PROJECT: G+5P+14+HC DELUXE HOTEL APARTEMENTS

MDB-RF2

OWNER : .

AREA : AL JADAF-DUBAI

FED FROM: LV-2

PLOT NO. :

CERCUIT FEEDER DB NO.	PF = 0.8 IMAX	SP/TP	RATING-AMPS LBS	MCCB	ACB AT 0.85	FAULT DUTY KA	PVC/ XLPE SWA/PVC	CABLE SIZE 2/4 X 1C mm	2/3/4C mm2	ECC SIZE 1C mm2	CONNECTED LOAD-KW R. PH kW	Y. PH kW	B. PH kW	CON. KW.	1-PH (1)	3-PH (2)	3-PH (3)	CT (4)	REMARKS (m)
INCOMER 1 :		4P			2000	55	2000A BUSBAR TPN + E CU				279.65	280.05	279.95	839.65	0	0			
OUTGOING :																			
CHILLER-02		TP			1600 SET @0.85	45	XLPE/SWA/PVC		4X4C 240	2X150	212.53	212.53	212.53	637.60					UVR + RELAY + TIMER 500mA ELCB
SMDB-ROOF		TP		500		35	XLPE/SWA/PVC		2X4C 150	1X150	67.12	67.52	67.42	202.05					
						TOTAL CONNECTED LOAD PER PHASE					279.65	280.05	279.95	839.65	0	0		0	TOTAL

MAX. DEMAND (3 PH) KW AT DIVERSITY TOTAL CONNECTED LOAD (3 PH) 839.65 KW.

PROVIDE CT-METER WHEN MAX. DEMAND ---> 100 KW.

NOTE:- ALL CABLES MARKED(*) SHALL BE FIRE RATED AS FP 400 OR EQUAL APPROVED OF THE SIZE BASED ON THE ABOVE SCHEDULE.

(1) 20-80A (2) 30-90/120A (3) 100-200A (4)...../.....A

ENSURE THAT THE CIRCUIT BREAKERS/CONTACTORS ASSOCIATED WITH UNDER VOLTAGE (UV) RELAYS, ARE HAVING 'AUTO CLOSING' FACILITY TO RESTORE SUPPLY FOR CHILLERS/AIR CONDITIONING UNITS, AFTER NORMALIZATION OF SUPPLY VOLTAGE, WHEN THE RELAY RESET AUTOMATICALLY.

LOCATION :ELEC ROO

DETAILS OF CONNECTED LOAD/MAX. DEMAND

PROJECT: G+5P+14+HC DELUXE HOTEL APARTEMENTS

MDB-RF1

OWNER : .

AREA : AL JADAF-DUBAI

FED FROM: LV-1

PLOT NO. :

CERCUIT FEEDER DB NO.	PF = 0.8 IMAX	SP/TP	RATING-AMPS LBS	MCCB	ACB AT 0.85	FAULT DUTY KA	PVC/ XLPE SWA/PVC	CABLE SIZE 2/4 X 1C mm	2/3/4C mm2	ECC SIZE 1C mm2	CONNECTED LOAD-KW R. PH kW	Y. PH kW	B. PH kW	CON. KW.	1-PH (1)	3-PH (2)	3-PH (3)	CT (4)	REMARKS (m)
INCOMER 1 :		4P			2000	55	2000A BUSBAR TPN + E CU				276.93	276.93	276.93	830.79	0	0			
OUTGOING :																			
CHILLER-01		TP			1600 SET @.85	45	XLPE/SWA/PVC		4X4C 240	2X150	212.53	212.53	212.53	637.60					UVR + RELAY + TIMER 500mA ELCB
MCC CHW P		TP		350		35	XLPE/SWA/PVC		4C240	1X120	51.50	51.50	51.50	154.50					
SMDB-CWH		TP		80		35	XLPE/SWA/PVC		4C 25	1X16	12.90	12.90	12.90	38.69					
						TOTAL CONNECTED LOAD PER PHASE					276.93	276.93	276.93	830.79	0	0		0	TOTAL

MAX. DEMAND (3 PH) KW AT DIVERSITY TOTAL CONNECTED LOAD (3 PH) 830.79 KW.

PROVIDE CT-METER WHEN MAX. DEMAND ---> 100 KW.

NOTE:- ALL CABLES MARKED(*) SHALL BE FIRE RATED AS FP 400 OR EQUAL APPROVED OF THE SIZE BASED ON THE ABOVE SCHEDULE.

(1) 20-80A (2) 30-90/120A (3) 100-200A (4)……/……A

ENSURE THAT THE CIRCUIT BREAKERS/CONTACTORS ASSOCIATED WITH UNDER VOLTAGE (UV) RELAYS, ARE HAVING 'AUTO CLOSING' FACILITY TO RESTORE SUPPLY FOR CHILLERS/AIR CONDITIONING UNITS, AFTER NORMALIZATION OF SUPPLY VOLTAGE, WHEN THE RELAY RESET AUTOMATICALLY.

DETAILS OF MAXIMUM CURRENT ON TRANSFORMER WITH CHILLER/MOTOR LOADS

PROJECT: DELUXE HOTEL APARTMENTS **OWNER:** **PLOT NO :** **DATE : 04/02/2018**

LV PANEL NO. **RATING:**

Sr. No.	Type of Load (Chiller Motor,etc.,)	Power Input kW	No. of Compressors per Chiller	Starting Current of one compressor / Motor and duration (Amps)	Running Current of one compressor / Motor (Amps)	Full Load Current with all compressors/Motors Running + other loads (Amps)	Max. current when largest compressor starts + all other compressors / motors and other loads running (Amps)	Remarks (Model No., Make, Type of starter, etc.,)
1	**Air cooled Screw Chiller 1**	**637.6**	**3**	**540**	**312**	**1073**	**1220**	**EWADC17C-XS, DAIKIN, WYE-DELTA STARTER**
Total		**637.6**	**3**			**1073**	**1220**	

دايكـــن ايركونديشننج ش.ذ.م.م.
DAIKIN AIRCONDITIONING L.L.C
P.O.Box 125833, DUBAI - U.A.E.

Signature & Stamp

Supplier/Manufacturer-Daikin Tel:04-8159300 **Fax:04-8159311**

Notes :

1.The above data is applicable for design conditions and as per attached selection sheet.
2.Chillers are with Star-Delta starter.
3.One chiller shall be started at a time with one compressor only.Chiller sequence logic based on Chiller sequence controller.

DETAILS OF MAXIMUM CURRENT ON TRANSFORMER WITH CHILLER/MOTOR LOADS

PROJECT: DELUXE HOTEL APARTMENTS (G+5P+14+HC) **OWNER:** **PLOT NO :** **Date : 11/12/2018**

LV PANEL NO. : **RATING:**

Sr. No.	Type of Load (Chiller Motor,etc.,)	Power Input kW	No. of Compressors per Chiller	Starting Current of one compressor / Motor and duration (Amps)	Running Current of one compressor / Motor (Amps)	Full Load Current with all compressors/Motors Running + other loads (Amps)	Max. current when largest compressor starts + all other compressors / motors and other loads running (Amps)	Remarks (Model No., Make, Type of starter, etc.,)
1	**Air cooled Screw Chiller 1**	**278.2**	**2**	**410**	**202**	**468**	**626**	**EWAD760C-XS, DAIKIN, WYE-DELTA STARTER**

Supplier/Manufacturer-

Signature & Stamp

Notes :

1.The above data is applicable for design conditions and as per attached selection sheet.
2.Chillers are loaded with Star-Delta starter.
3.One chiller shall be started at a time with one compressor only.Chiller sequence logic based on Chiller sequence controller.

PROJECT: PROPOSED G+5P+14+HC DELUXE HOTEL APARTEMENTS

OWNER NAME :

DB-CODE : **DB-RET01 & 2**

LOCATION OF DB :RETAILS

FEEDING FROM : **SMDB-GF**

RATING OF INCOMER	RATING of ELCB 4P	SR. NO.	CKT	MCB RTG AMP	CCT WIRE MM2	ECC WIRE MM2	ELECTRICAL POINTS DESCRIPTION. ROOM/AREA	LTG	LTG		FAN Ex.	Cha-ndlier	TWIN 13A	SSO 13A	W.H		DOOR BELL	SB	CCU 45A	20A 15A	W. AC	S. AC	FCU AC	UNIT WATTS	LOAD PER CIRCUIT R	WATTS Y	B	REMARKS
		1	R1	10	2.5	2.5	RET.1	12																100	1200			
		2	Y1	10	2.5	2.5	RET.1	12																100		1200		
	40A	3	B1	10			EMERGENCY LIGHT																	500			500	
	4P	4	R2	10			PROVISION FOR LIGHTING																	1000	1000			
	100mA-1	5	Y2				SPACE																					
		6	B2	10	2.5	2.5	SIGN BOARD											1						750			750	
		7	R3	20	4.0	4.0	RET.1							4										200	800			
	40A	8	Y3	30	4.0	4.0	RET.1							6										200		1200		RING
	4P	9	B3	30	4.0	4.0	RET.1							6										200			1200	RING
	30mA-2	10	R4	20	4.0	4.0	PANTRY							2										200	400			
		11	Y4	30			PROVISION FOR POWER																			1000		
		12	B4	30	4.0	4.0	PANTRY								1									1200			1200	
100A TP ISO		13	R5	30			PROVISION FOR POWER									1								3000	3000			
	40A	14	Y5	30			PROVISION FOR POWER									1								3000		3000		
	4P	15	B5	30			PROVISION FOR POWER									1								3000			3000	
	30mA-3	16	R6	30			PROVISION FOR POWER									1								3000	3000			
		17	Y6	30			PROVISION FOR POWER									1								3000		3000		
		18	B6	30			PROVISION FOR POWER									1								3000			3000	
	40A	19	R7	20	4.0	4.0	GAC-1																1	250	250			
	4P	20	Y7	20	4.0	4.0	GAC-1																1	250		250		
	100mA-4	21	B7	30			~~EMERGENCY LIGHT~~																	6933	6933			
	40A	22	R8	30			SPARE																	6933		6933		
	4P	23	Y8	30			SPARE																	6933			6933	
	30mA-5	24	B8	20	4.0	4.0	GAC-1																1	250			250	
																									16,583	16,583	16,833	50.00

40

CABLE SIZE : 4C 35 mm2,XLPE/SWA/PVC + 1X16 mm2,G/Y,ECC.

kW

LTG=Lights, C.FAN =Ceiling Fan, Ex.FAN =Exhaust Fan. CH =Chandlier.

W.H. =Water Heater, SB = Sign Board, WAC =Window AC SAC =Split AC. FCU=Fan Coil Unit

A **91.484**

AT PF 0.8

PROJECT: PROPOSED G+5P+14+HC DELUXE HOTEL APARTEMENTS — OWNER NAME :. LOCATION OF

DB-CODE : **EDB-PUMP** — LOAD DISTRIBUTION SCHEDULE — DB : ***PUMP ROOM***

FEEDING FROM : **SMDB-GF**

RATING OF INCOMER	RATING of ELCB 4P	SR. NO.	CKT	MCB RTG AMP	CCT WIRE MM2	ECC WIRE MM2	ELECTRICAL POINTS DESCRIPTION. ROOM/AREA	LTG	LTG		FAN Ex.	Cha-ndlier	TWIN 13A	SSO 13A	W.H	S.P ISO	DOOR BELL	SB	CCU 45A	20A 15A	T.P ISO	S. AC	FCU AC	UNIT WATTS	LOAD PER CIRCUIT R	WATTS Y	B	REMARKS
63A TP ISO	40A 4P 100mA-1	1	R1	10	2.5	2.5	PUMP RM	5																100	500			
		2	Y1	10	2.5	2.5	STAIR		2															50		100		
		3	B1	10			EMERGENCY LIGHT	10																10			100	
	40A 4P 30mA-2	4	R2	20	4.0	4.0	PUMP RM							1										200	200			
		5	Y2	20			SPARE																	500		500		
		6	B2	20			SPARE																	400			400	
	40A 4P 30mA-3	7	R3	20	4.0	4.0	IRRIGATION PUMP																	3000	1000			
		8	Y3																		1					1000		
		9	B3																								1000	
	40A 4P 30mA-4	10	R4	20	4.0	4.0	SUMP PUMP																	3700	1233			
		11	Y4																		1					1233		
		12	B4																								1233	
	40A 4P 100mA-5	13	R5	20	6.0	4.0	UGAC																	2510	837			
		14	Y5																		1					837		UVR+TIMER
		15	B5																								837	
																									3,770	3,670	3,570	11.01
CABLE SIZE : 4C 25mm2,XLPE/SWA/PVC + 1X16 mm2,G/Y,ECC.																												kW
																											A	20.489

LTG=Lights, C.FAN =Ceiling Fan, Ex.FAN =Exhaust Fan. CH =Chandlier.
W.H. =Water Heater, SB = Sign Board, WAC =Window AC SAC =Split AC. FCU=Fan Coil Unit — AT PF 0.8

PROJECT: PROPOSED G+5P+14+HC DELUXE HOTEL APARTEMENTS — OWNER NAME :. LOCATION OF

DB-CODE : **DB-LAUN** — LOAD DISTRIBUTION SCHEDULE — DB : ***LAUNDARY***

FEEDING FROM : **SMDB-GF**

RATING OF INCOMER	RATING of ELCB 4P	SR. NO.	CKT	MCB RTG AMP	CCT WIRE MM2	ECC WIRE MM2	ELECTRICAL POINTS DESCRIPTION. ROOM/AREA	LTG	LTG		FAN Ex.	Cha-ndlier	TWIN 13A	SSO 13A	W.H	ISO 40A	DOOR BELL	SB	CCU 45A	20A 15A	W. AC	S. AC	FCU AC	UNIT WATTS	LOAD PER CIRCUIT R	WATTS Y	B	REMARKS
100A TP ISO	40A 4P 100mA-1	1	R1	10	2.5	2.5	LAUNDRY	5																100	500			
		2	Y1	10			EMERGENCY LIGHT	50																10		500		
		3	B1				SPACE																					
	40A 4P 100mA-2	4	R2	20	4.0	4.0	FCU LAUNDRY GAC-09																1	142	142			
		5	Y2	20	4.0	4.0	FCU LAUNDRY GAC-09																1	142		142		
		6	B2	20			EMERGENCY LIGHT	50																10			500	
	40A 4P 30mA-3	7	R3	20	4.0	4.0	LAUNDRY													1				1500	1500			
		8	Y3	20	4.0	4.0	LAUNDRY													1				1500		1500		
		9	B3	20	4.0	4.0	LAUNDRY													1				1500			1500	
		10	R4	20	4.0	4.0	LAUNDRY													1				1500	1500			
		11	Y4	20	4.0	4.0	LAUNDRY													1				1500		1500		
		12	B4	20	4.0	4.0	LAUNDRY													1				1500			1500	
	40A 4P 30mA-4	13	R5	20	4.0	4.0	LAUNDRY													1				1500	1500			
		14	Y5	20	4.0	4.0	LAUNDRY													1				1500		1500		
		15	B5	20	4.0	4.0	LAUNDRY													1				1500			1500	
	40A 4P 30mA-5	16	R6	40	10.0	10.0	PROVISION FOR POWER									1								5800	5800			
		17	Y6	40	10.0	10.0	PROVISION FOR POWER									1								5800		5800		
		18	B6	40	10.0	10.0	PROVISION FOR POWER									1								5800			5800	
	40A 4P 30mA-5	19	R6	40	10.0	10.0	PROVISION FOR POWER									1								5800	5800			
		20	Y6	40	10.0	10.0	PROVISION FOR POWER									1								5800		5800		
		21	B6	40	10.0	10.0	PROVISION FOR POWER									1								5800			5800	
																									16,742	16,742	16,600	50.08
CABLE SIZE : 4C 35 mm2,XLPE/SWA/PVC + 1X16 mm2,G/Y,ECC.																												kW
																											A	90.989

LTG=Lights, C.FAN =Ceiling Fan, Ex.FAN =Exhaust Fan. CH =Chandlier.
W.H. =Water Heater, SB = Sign Board, WAC =Window AC SAC =Split AC. FCU=Fan Coil Unit — AT PF 0.8

PROJECT: PROPOSED G+5P+14+HC DELUXE HOTEL APARTEMENTS

OWNER NAME :

DB-CODE : **DB-GF L**

LOAD DISTRIBUTION SCHEDULE

FEEDING FROM : **SMDB-GF**

LOCATION OF DB : ***LV RM***

RATING OF INCOMER	RATING of ELCB 4P	SR. NO.	CKT	MCB RTG AMP	CCT WIRE MM2	ECC WIRE MM2	ELECTRICAL POINTS DESCRIPTION. ROOM/AREA	LTG	LTG	STRIP LIGH T/M	FAN Ex.	Cha-ndlier		SSO 13A	W.H		DOOR BELL	SB	CCU 45A	20A 15A	W. AC	S. AC	FCU AC	UNIT WATTS	LOAD PER CIRCUIT R	WATTS Y	B	REMARKS
40A TP ISO	40A 4P 100mA-1	1	R1	10	2.5	2.5	HOTEL DROP OFF GF	6																50	300			
		2	Y1	10			EMERGENCY LIGHT	20																10		200		
		3	B1	10	2.5	2.5	OFFICE/TOI.	2	2															50 / 100			300	
		4	R2	10	2.5	2.5	STAFF DINING	4																50	200			
		5	Y2	10	2.5	2.5	STORAGE	3																50		150		
		6	B2	10	2.5	2.5	STAFF FEMALE.TOILET	12																50			600	
	40A 4P 100mA-2	7	R3	10	2.5	2.5	STAFF MALE.TOILET	12																50	600			
		8	Y3	10	2.5	2.5	LIFT LOBBY	5																50		250		
		9	B3	10	2.5	2.5	CORRIDOR	7																50			350	
		10	R4	10	2.5	2.5	MAIN ENTRANCE LOBBY	3	1															50 / 100	250			
		11	Y4	10	2.5	2.5	GARBAGE ROOM		3															100		300		
		12	B4	10	2.5	2.5	CORRIDOR	5		22														50 / 10			470	
	40A 4P 100mA-3	13	R5	10	2.5	2.5	FIRE COMMAND RM/BACK OFFIC STORE	4																50	200			
		14	Y5	10	2.5	2.5	SECURITY BMS ROOM	2																50		100		
		15	B5	10	2.5	2.5	LUGGAGE ROOM	2																50			100	
		16	R6	10	2.5	2.5	MAIN ENTRANCE LOBBY		4	20														70 / 5	380			LED STRIP 5w / m
		17	Y6	10	2.5	2.5	LIFT -1	2																50		100		
		18	B6	10	2.5	2.5	HANDI CAP TOI.	2																50			100	
	40A 4P 100mA-4	19	R7																									
		20	Y7	10	2.5	2.5	LIFT-2		2															50		100		
		21	B7	10	2.5	2.5	LIFT-3		2															50			100	
		22	R8	10	2.5	2.5	MAIN ENTRANCE LOBBY		4	20														70 / 10	480			LED STRIP 5w / m
		23	Y8	10	2.5	2.5	RECEPTION	3																50		150		
		24	B8	10	2.5	2.5	TOILET/BELOW WASH BASIN			5														10			50	LED
	40A 4P 100mA-5	25	R9				SPACE																					
		26	Y9	10	2.5	2.5	LIFT LOBY	5																50		250		
		27	B9	10			EMERGENCY LIGHT	7																10			70	
		28	R10				SPACE																					
		29	Y10	10	2.5	2.5	MALE TOI/FEMALE	13		12														50 / 5		710		
		30	B10	10	2.5	2.5	RECEPTION	3																30			80	
																									2,410	2,310	2,220	6.94

CABLE SIZE : 4C 10mm2,XLPE/SWA/PVC + 1X10 mm2,G/Y,ECC.

kW

LTG=Lights, C.FAN =Ceiling Fan, Ex.FAN =Exhaust Fan. CH =Chandlier.

W.H. =Water Heater, SB = Sign Board, WAC =Window AC SAC =Split AC. FCU=Fan Coil Unit

A **13.098**

AT PF 0.8

PROJECT: PROPOSED G+5P+14+HC DELUXE HOTEL APARTEMENTS

OWNER NAME :. LOCATION OF DB : ***LV ROOM***

DB-CODE : **EDB-GF**

LOAD DISTRIBUTION SCHEDULE

FEEDING FROM : **ESMDB**

RATING OF INCOMER	RATING of ELCB 2P	SR. NO.	CKT	MCB RTG AMP	CCT WIRE MM2	ECC WIRE MM2	ELECTRICAL POINTS DESCRIPTION. ROOM/AREA	LTG	LTG	CHAN DLIER	FAN Ex.	Cha-ndlier		SSO 13A	W.H	MD	DOOR BELL	SB	CCU 45A	20A 15A	W. AC	S. AC	FCU AC	UNIT WATTS	LOAD PER CIRCUIT R	WATTS Y	B	REMARKS
		1	C1	10	2.5	2.5	STAFF FEMALE.TOILET	8																50	400			
		2	C2	10	2.5	2.5	STAFF MALE.TOILET	8																50	400			
	40A 2P	3	C3	10	2.5	2.5	STAFF DINING	4																50	200			
	100mA-1	4	C4	10	2.5	2.5	CORRIDOR	8																50	400			
		5	C5	10	2.5	2.5	SERVICE LIFT LOBBY	3																50	150			
		6	C6	10	2.5	2.5	CORRIDOR	4																50	200			
		7	C7	10	2.5	2.5	LOBBY	5																50	250			
		8	C8	10	2.5	2.5	MALE TOI/FEMALE/BABY CHANGIN ROOM	10																50	500			
	40A 2P	9	C9	10	2.5	2.5	LV ROOM	4																100	400			
	100mA-2	10	C10	10	2.5	2.5	FIRE ESCAPE CORRI.	8																50	400			
		11	C11	10	2.5	2.5	LOAD/UNLOADING AREA	6																50	300			
		12	C12	10	2.5	2.5	CORRIDOR	3																50	150			
80A SP ISO		13	C13	10	2.5	2.5	STAIR(GF-3P)-2	8																50	400			
		14	C14	10	2.5	2.5	M.DAPMER-1(GF-5P)									6								50	300			
	40A 2P	15	C15	10	2.5	2.5	M.DAPMER-2(GF-5P)									6								50	300			
	100mA-3	16	C16	10	2.5	2.5	STAIR(GF-3P)-1	9																50	450			
		17	C17	10	2.5	2.5	GENERATOR ROOM	3																100	300			
		18	C18				SPACE																					
	40A	19	C19	20	4.0	4.0	CCTV RACK							1										1000	1000			
	2P	20	C20	20	4.0	4.0	IPTV RACK							1										1000	1000			
	30mA-4	21	C21	32	4.0	4.0	CCTV MONITORS							8										200	1600			RING
	40A	22	C22	32	4.0	4.0	SIGN BOARD											1						3500	3500			
	2P	23	C23	20	4.0	4.0	ACS CONTROLER							1										200	200			
	30mA-5	24	C24	20	4.0	4.0	GENERATOR ROOM							1										200	200			
																									13,000			13.00
CABLE SIZE :3x1C 25mm2,XLPE/SWA/PVC																												kW
																											A	70.652

LTG=Lights, C.FAN =Ceiling Fan, Ex.FAN =Exhaust Fan. CH =Chandlier.
W.H. =Water Heater, SB = Sign Board, WAC =Window AC SAC =Split AC. FCU=Fan Coil Unit

AT PF 0.8

PROJECT: PROPOSED G+5P+14+HC DELUXE HOTEL APARTEMENTS

OWNER NAME :

DB-CODE : **DB-GF P**

LOAD DISTRIBUTION SCHEDULE

FEEDING FROM : **SMDB-GF**

LOCATION OF DB : ***LV ROOM***

RATING OF INCOMER	RATING of ELCB 4P	SR. NO.	CKT	MCB RTG AMP	CCT WIRE MM2	ECC WIRE MM2	ELECTRICAL POINTS DESCRIPTION. ROOM/AREA	LTG	LTG	CHAN DLIER	FAN Ex.	Cha-ndlier	TWIN 13A	SSO 13A	W.H		DOOR BELL	SB	CCU 45A	20A 15A	W. AC	S. ISO	FCU AC	UNIT WATTS	LOAD PER CIRCUIT R	WATTS Y	B	REMARKS
		1	R1	20	4.0	4.0	FIRE ESCAPE CORRI.							1										200	200			
		2	Y1	20	4.0	4.0	LV ROOM							1										200		200		
	40A 4P	3	B1	20	4.0	4.0	OFFICE						2											400			800	
	30mA-1	4	R2	20	4.0	4.0	STAFF DINING							3										200	600			
		5	Y2	20	4.0	4.0	STORAGE							2										200		400		
		6	B2	20	4.0	4.0	H.D STAFF FEMALE.TOILET													1				1000			1000	HAND DRYER
		7	R3	20	4.0	4.0	H.D STAFF MALE.TOILET													1				1000	1000			HAND DRYER
		8	Y3	20	4.0	4.0	HAIR DRYER-STAFF F. TOILETS							3										200		600		
	40A 4P	9	B3				SPACE																					
	30mA-2	10	R4	32	4.0	4.0	LUGGAGE ROOM						2	1										400 / 200	1000			RING
		11	Y4	20	4.0	4.0	GARBAGE ROOM							1										200		200		
		12	B4	32	4.0	4.0	MAIN ENTR LOBBY						3											400			1200	RING
		13	R5	20	4.0	4.0	FIRE COMMAND RM/BACK OFFIC STORE						2											400	800			
		14	Y5	20	4.0	4.0	SECURITY M/BMS ROOM						2											400		800		
	40A 4P	15	B5	20	4.0	4.0	MALE TOILET													1				1000			1000	HAND DRYER
	30mA-3	16	R6	20	4.0	4.0	FEMALE TOILET													1				1000	1000			HAND DRYER
		17	Y6	32	4.0	4.0	MAIN ENT RECEPTION + LOBBY						3	2										400 / 200		1600		RING
		18	B6	32	4.0	4.0	FEMALE TOILET						2	1										400 / 200			1000	RING
	40A	19	R7	20	4.0	4.0	OFFICE FCU GAC-03																1	110	110			
	4P	20	Y7	20	4.0	4.0	STORE GAC-05																1	110		110		
	100mA-4	21	B7	20	4.0	4.0	LUGGAGE GAC-06																1	110			110	
	40A	22	R8	20	4.0	4.0	SECURITY GAC-07																1	110	110			
	4P	23	Y8	20	4.0	4.0	STAFF DINING GAC-08																1	250		250		
	100mA-5	24	B8	20	4.0	4.0	STORAGE GAC-11																1	100			100	
	40A	25	R9	20	4.0	4.0	LIFT LOBBY FCU GAC-15C																1	550	550			
63A TP ISO	4P	26	Y9	20	4.0	4.0	STAFF DINING GAC-08																1	250		250		
	100mA-6	27	B9	20	4.0	4.0	LV ROOM GAC-11																1	100			100	
	40A	28	R10	20	4.0	4.0	MALE TOILET FCU GAC-16A																1	550	550			
	4P	29	Y10	20	4.0	4.0	FIRE COMMAND RM GAC-13																1	150		150		
	100mA-7	30	B10	20	4.0	4.0	BACK OFFIC STORE GAC-14																1	150			150	
	40A	31	R11	20	4.0	4.0	GARBAGE ROOM GAC-12																1	150	233			
	4P	32	Y11	20	4.0	4.0	MAIN ENTR LOBBY CURTAIN FAN							1										200		200		
	100mA-8	33	B11	20	4.0	4.0	SERVICE LIFT LOBBY FCU GAC-17																1	250			250	
	40A	34	R12	20	4.0	4.0	STAFF MALE TOI. FCU GAC-16																1	283	200			
	4P	35	Y12	20	4.0	4.0	GARBAGE ROOM GAC-12																1	167		150		
	100mA-9	36	B12	10			EMERGENCY LIGHT																	10			100	
	40A	37	R13	20	4.0	4.0	MAIN ENTR LOBBY CURTAIN FAN							1										200	200			
	4P	38	Y13	20	4.0	4.0	MAIN ENTR LOBBY CURTAIN FAN																1	200		200		
	100mA-10	39	B13	20	4.0	4.0	AC OD UNIT STORAGE GAC-11															1		3280			3280	UVR+TIMER
	40A	40	R14	20			EMERGENCY LIGHT	20																10	200			
	4P	41	Y14	20	4.0	4.0	AC OD UNIT LV ROOM GAC-11															1		3280		3280		UVR+TIMER
	100mA-11	42	B14																									
	40A	43	R15	20			SPARE																	800	800			
	4P	44	Y15	20	4.0	4.0	MAIN ENTRANCE LOBBY GAC-15A																1	550		550		
	100mA-12	45	B15	20	4.0	4.0	MAIN ENTRANCE LOBBY GAC-15B																1	450			450	
		46	R16	20	4.0	4.0	RECEPTION						2											400	800			
		47	Y16	32	4.0	4.0	RECEPTION						3											400		1200		RING
	40A 4P	48	B16	20	4.0	4.0	RECPTION						2											400			800	
	30mA-13	49	R17	20	4.0	4.0	BABY CHANGING						1							1				400 / 500	900			
		50	Y17	20	4.0	4.0	RECEPTION						2											400		800		
		51	B17	20	4.0	4.0	DOCK LEVELER															1		500			500	
																									9,253	10,940	10,840	31.03

CABLE SIZE : 4C 25mm2,XLPE/SWA/PVC + 1X16 mm2,G/Y,ECC.

kW

A **59.457**

LTG=Lights, C.FAN =Ceiling Fan, Ex.FAN =Exhaust Fan. CH =Chandlier.
W.H. =Water Heater, SB = Sign Board, WAC =Window AC SAC =Split AC. FCU=Fan Coil Unit

AT PF 0.8

PROJECT: PROPOSED G+5P+14+HC DELUXE HOTEL APARTEMENTS — OWNER NAME :. LOCATION OF DB : ***ELE RM***

DB-CODE : **EDB-P1** — LOAD DISTRIBUTION SCHEDULE

FEEDING FROM : **ESMDB**

RATING OF INCOMER	RATING of ELCB 2P	SR. NO.	CKT	MCB RTG AMP	CCT WIRE MM2	ECC WIRE MM2	ELECTRICAL POINTS DESCRIPTION. ROOM/AREA	LTG	LTG	STRIP LIGH	FAN Ex.	Cha-ndlier	TWIN 13A	SSO 13A	W.H	MD	DOOR BELL	ISO TP	CCU 45A	20A 15A	W. AC	S. AC	FCU AC	UNIT WATTS	LOAD PER CIRCUIT R	WATTS Y	B	REMARKS
40A SP ISO	40A 2P 100mA -1	1	C1	10	2.5	2.5	ELE/TEL RM	2																50	100			
		2	C2				SPACE																					
		3	C3	10	2.5	2.5	DRIVEWAY	5																50	250			
		4	C4	10	2.5	2.5	LIFT LOBBY	3		16														50 / 5	230			
		5	C5	10	2.5	2.5	SER LIFT LOBBY	3		16														50 / 5	230			
		6	C6				SPACE																					
	40A 2P 100mA -2	7	C7	10	2.5	2.5	M.DAMPER(1P-5P)HOUSKEEPING									5								50	250			
		8	C8	10	2.5	2.5	M.DAMPER(1P-5P)LIFT									5								50	250			
		9																										
	40A 2P 30mA -3	10	C10	20	4.0	4.0	ELE RM							1										200	200			
		11	C11	20	4.0	4.0	TEL RM						1	1										200 / 400	600			
		12	C12	20	4.0	4.0	GEN RM							1										200	200			
	40A 2P 30mA -4	13	C13	20	4.0	4.0	IDF-1 RACK											1						2000	2000			
		14	C14				SPARE																	200	200			
		15	C15	20	4.0	4.0	ACS							4										200	800			
																									5,310			5.31
CABLE SIZE : 3x1C 16mm2,XLPE/SWA/PVC																												kW
																											A	28.859

LTG=Lights, C.FAN =Ceiling Fan, Ex.FAN =Exhaust Fan. CH =Chandlier.
W.H. =Water Heater, SB = Sign Board, WAC =Window AC SAC =Split AC. FCU=Fan Coil Unit

AT PF 0.8

PROJECT: PROPOSED G+5P+14+HC DELUXE HOTEL APARTEMENTS — OWNER NAME :. LOCATION OF DB : ***ELE RM-P1***

DB-CODE : **DB-P1** — LOAD DISTRIBUTION SCHEDULE

FEEDING FROM : **SMDB-GF**

RATING OF INCOMER	RATING of ELCB 2P	SR. NO.	CKT	MCB RTG AMP	CCT WIRE MM2	ECC WIRE MM2	ELECTRICAL POINTS DESCRIPTION. ROOM/AREA	LTG	LTG		FAN Ex.	Cha-ndlier		SSO 13A	W.H		DOOR BELL	SB	CCU 45A	20A 15A	W. AC	ISO S.P	FCU AC	UNIT WATTS	LOAD PER CIRCUIT R	WATTS Y	B	REMARKS
63A SP ISO	40A 2P 100mA-1	1	C1	10	2.5	2.5	PARKING	3																50	150			
		2	C2	10	2.5	2.5	PARKING	3																50	150			
		3	C3	10	2.5	2.5	DRIVEWAY	5																50	250			
	40A 2P 100mA-2	4	C4	10	2.5	2.5	PARKING	5																50	250			
		5	C5	10	2.5	2.5	PARKING	6																50	300			
		6	C6	10	2.5	2.5	PAVEMENT/PASS/GAR	6																50	300			
	40A 2P 100mA-3	7	C7	10	2.5	2.5	DRIVEWAY	8																50	400			
		8	C8	10	2.5	2.5	PARKING	10																50	500			
		9	C9	10			EMERGENCY LIGHT	20																10	200			
	40A 2P 30mA -4	10	C10	20	4.0	4.0	LIFT LOBBY							1										200	200			
		11	C11	20	4.0	4.0	SER LIFT LOBBY							1										200	200			
		12																										
	40A 2P 30mA -5	13	C12	20	4.0	4.0	DRIVEWAY							2										200	400			
		14	C13	20	4.0	4.0	DRIVEWAY							1										200	200			
		15																										
	40A 2P 100mA-6	16	C16	20	4.0	4.0	LIFT LOBBY FCU																1	150	150			
		17	C17	20	4.0	4.0	SER LIFT LOBBY FCU																1	150	150			
		18	C18	20			EMERGENCY LIGHT	20																10	200			
	40A 2P 100mA-7	19	C19	20	4.0	4.0	TEL ROOM P1-03																1	100	100			
		20	C20				SPACE																					
		21	C21	20	4.0	4.0	ELECT ROOM P1-04																1	100	100			
	40A 2P 100mA-8	22	C22	20	6.0	6.0	AC TEL OD UNIT P1-03															1		1910	1910			UVR+TIMER
		23	C23				SPACE																					
		24	C24	20	6.0	6.0	AC ELE OD UNIT P1-04															1		1910	1910			UVR+TIMER
																									8,020			8.02
CABLE SIZE : 3x1C 25 mm2,XLPE/SWA/PVC																												kW
																											A	43.587

LTG=Lights, C.FAN =Ceiling Fan, Ex.FAN =Exhaust Fan. CH =Chandlier.
W.H. =Water Heater, SB = Sign Board, WAC =Window AC SAC =Split AC. FCU=Fan Coil Unit

AT PF 0.8

PROJECT: PROPOSED G+5P+14+HC DELUXE HOTEL APARTEMENTS — OWNER NAME : LOCATION OF DB : ***ELE RM***

DB-CODE : **EDB-P2 / P3 / P5** — LOAD DISTRIBUTION SCHEDULE

FEEDING FROM : **ESMDB**

RATING OF INCOMER	RATING of ELCB 2P	SR. NO.	CKT	MCB RTG AMP	CCT WIRE MM2	ECC WIRE MM2	ELECTRICAL POINTS DESCRIPTION. ROOM/AREA	LTG	LTG	STRIP LIGH	FAN Ex.	Cha-ndlier	TWIN 13A	SSO 13A	W.H	MD	DOOR BELL	ISO TP	CCU 45A	20A 15A	W. AC	S. AC	FCU AC	UNIT WATTS	LOAD PER CIRCUIT R	WATTS Y	B	REMARKS
40A SP ISO	40A 2P 100mA-1	1	C1	10	2.5	2.5	ELE/TEL RM	2																50	100			
		2	C2	10	2.5	2.5	DRIVEWAY	5																50	250			
		3	C3	10	2.5	2.5	DRIVEWAY	5																50	250			
	40A 2P 100mA-2	4	C4	10	2.5	2.5	LIFT LOBBY	3		16														50 / 5	230			LED STRIP LIGHT
		5	C5	10	2.5	2.5	SER LIFT LOBBY	3		16														50 / 5	230			LED STRIP LIGHT
		6	C6				SPACE																					
	40A 2P 30mA -3	7	C7	20	4.0	4.0	ELE RM							1										200	200			
		8	C8	20	4.0	4.0	TEL RM						1	1										200 / 400	600			
		9	C9				SPACE																					
	40A 2P 30mA -4	10	C10	10			SPARE																	500	500			
		11	C11				SPACE																					
		12	C12	20	4.0	4.0	ACS							4										200	800			
																									3,160			3.16

CABLE SIZE : 3x1C 16mm2,XLPE/SWA/PVC — kW

LTG=Lights, C.FAN =Ceiling Fan, Ex.FAN =Exhaust Fan. CH =Chandlier. — A 17.174

W.H. =Water Heater, SB = Sign Board, WAC =Window AC SAC =Split AC. FCU=Fan Coil Unit — AT PF 0.8

PROJECT: PROPOSED G+5P+14+HC DELUXE HOTEL APARTEMENTS — OWNER NAME :. LOCATION OF DB : ***ELE RM-P4***

DB-CODE : **EDB-P4** — LOAD DISTRIBUTION SCHEDULE

FEEDING FROM : **ESMDB**

RATING OF INCOMER	RATING of ELCB 2P	SR. NO.	CKT	MCB RTG AMP	CCT WIRE MM2	ECC WIRE MM2	ELECTRICAL POINTS DESCRIPTION. ROOM/AREA	LTG	LTG		FAN Ex.	Cha-ndlier		SSO 13A	W.H		DOOR BELL	SB	CCU 45A	20A 15A	W. AC	S. AC	FCU AC	UNIT WATTS	LOAD PER CIRCUIT C	WATTS		REMARKS
40A SP ISOLATOR	40A 2P 100mA-1	1	C1	10	2.5	2.5	ELE/TEL RM	2																50	100			
		2	C2	10	2.5	2.5	DRIVEWAY	5																50	250			
		3	C3	10	2.5	2.5	DRIVEWAY	5																50	250			
	40A 2P 100mA-2	4	C4	10	2.5	2.5	LIFT LOBBY	3		16														50 / 5	230			LED STRIP LIGHT
		5	C5	10	2.5	2.5	SER LIFT LOBBY	3		16														50 / 5	230			LED STRIP LIGHT
		6	C6				SPACE																					
	40A 2P 30mA -3	7	C7	20	4.0	4.0	ELE RM							1										200	200			
		8	C8	20	4.0	4.0	TEL RM						1	1										200 / 400	600			
		9	C9				SPACE																					
	40A 2P 30mA -4	10	C10	20			SPARE																	500	500			
		11	C11				SPACE																					
		12	C12	20	4.0	4.0	ACS							4										200	800			
	40A 2P 100mA-5	13	C13	10	2.5	2.5	STAIR(4P-4F)-2	12																50	600			
		14	C14				SPACE																					
		15	C15	10	2.5	2.5	STAIR(4P-4F)-1	12																50	600			
																									4,360			4.36

CABLE SIZE : 3x1C 16mm2,XLPE/SWA/PVC — kW

LTG=Lights, C.FAN =Ceiling Fan, Ex.FAN =Exhaust Fan. CH =Chandlier. — A 23.696

W.H. =Water Heater, SB = Sign Board, WAC =Window AC SAC =Split AC. FCU=Fan Coil Unit — AT PF 0.8

PROJECT: PROPOSED G+5P+14+HC DELUXE HOTEL APARTEMENTS

OWNER NAME :

DB-CODE : **DB-P2/P3/P4/P5**

LOAD DISTRIBUTION SCHEDULE

FEEDING FROM : **SMDB-GF**

LOCATION OF DB : ***ELE RM-TYP P***

RATING OF INCOMER	RATING of ELCB 2P	SR. NO.	CKT	MCB RTG AMP	CCT WIRE MM2	ECC WIRE MM2	ELECTRICAL POINTS DESCRIPTION. ROOM/AREA	LTG	LTG		FAN Ex.	Cha-ndlier		SSO 13A	W.H		DOOR BELL	SB	CCU 45A	20A 15A	W. AC	S. AC	FCU AC	UNIT WATTS	LOAD PER CIRCUIT C	WATTS		REMARKS
63A SP ISO	40A 2P 100mA-1	1	C1	10	2.5	2.5	PARKING	3																100	300			
		2	C2	10	2.5	2.5	PARKING	3																100	300			
		3	C3	10	2.5	2.5	DRIVEWAY	5																100	500			
		4	C4	10	2.5	2.5	PARKING	6																100	600			
		5	C5	10	2.5	2.5	PARKING	5																100	500			
		6	C6	10	2.5	2.5	PAVEMENT/PASS/GAR	6																50	300			
	40A 2P 100mA-2	7	C7	10	2.5	2.5	DRIVEWAY	5																100	500			
		8	C8	10	2.5	2.5	PARKING	9																100	900			
		9	C9	10			EMERGENCY LIGHT	15																10	150			
	40A 2P 30mA-3	10	C10	20	4.0	4.0	LIFT LOBBY							1										200	200			
		11	C11	20	4.0	4.0	SER LIFT LOBBY							1										200	200			
		12	C12	20	4.0	4.0	DRIVEWAY							2										200	400			
		13	C13	20	4.0	4.0	DRIVEWAY							2										200	400			
		14	C14				SPACE																					
		15	C15				SPACE																					
	40A 2P 100mA-4	16	C16	20	4.0	4.0	LIFT LOBBY FCU																1	150	150			
		17	C17	20	4.0	4.0	SER LIFT LOBBY FCU																1	150	150			
		18	C18	10			EMERGENCY LIGHT	15																10	150			
	40A 2P 100mA-5	19	C19	20	4.0	4.0	TEL ROOM P1-03																1	100	100			
		20	C20				SPACE																					
		21	C21	20	4.0	4.0	ELECT ROOM P1-04																1	100	100			
	40A 2P 100mA-6	22	C22	20	6.0	6.0	AC TEL OD UNIT P1-03															1		1910	1910			UVR+TIMER
		23	C23				SPACE																					
	40A 2P 100mA-7	24	C24	20	6.0	6.0	AC ELE OD UNIT P1-04															1		1910	1910			UVR+TIMER
																									9,720			9.72

CABLE SIZE : 3x1C 25 mm2,XLPE/SWA/PVC

kW

LTG=Lights, C.FAN =Ceiling Fan, Ex.FAN =Exhaust Fan. CH =Chandlier.

W.H. =Water Heater, SB = Sign Board, WAC =Window AC SAC =Split AC. FCU=Fan Coil Unit

A **52.826**

AT PF 0.8

PROJECT: PROPOSED G+5P+14+HC DELUXE HOTEL APARTEMENTS OWNER NAME :

DB-CODE : **DB-REST**

LOAD DISTRIBUTION SCHEDULE

FEEDING FROM : **SMDB-FF**

LOCATION OF DB : ***RESTAURANT***

RATING OF INCOMER	RATING of ELCB 4P	SR. NO.	CKT	MCB RTG AMP	CCT WIRE MM2	ECC WIRE MM2	ELECTRICAL POINTS DESCRIPTION. ROOM/AREA	LTG	LTG	STRP LTG/M	FAN Ex.	Cha-ndlier	TWIN 13A	SSO 13A	W.H	GD	DOOR BELL	SB	CCU 45A	20A 15A	W. AC	S. AC	FCU AC	UNIT WATTS	LOAD PER CIRCUIT WATTS R	Y	B	REMARKS
		1	R1	10	2.5	2.5	RES AREA		4															50	200			
		2	Y1	10	2.5	2.5	RES AREA		6															50		300		
	40A 4P	3	B1	10	2.5	2.5	RES AREA			28 M														20			560	LED
	100mA-1	4	R2	10	2.5	2.5	RES AREA	3																200	600			
		5	Y2	10	2.5	2.5	REST AREA ENTRANCE LOBBY		4															50		200		
		6	B2	10	2.5	2.5	REST AREA ENTRANCE LOBBY		4															50			200	
		7	R3	10	2.5	2.5	RES AREA ENTRANCE LOBBY	1																200	200			
		8	Y3	10	2.5	2.5	RES AREA ENTRANCE LOBBY		2															50		100		
	40A 4P	9	B3	10	2.5	2.5	RES AREA ENTRANCE LOBBY		1															100			100	
	100mA-2	10	R4	10	2.5	2.5	RES LOBBY	1																200	200			
		11	Y4	10	2.5	2.5	RES LOBBY		8															50		400		
		12	B4	10	2.5	2.5	PREP. AREA	8																50			400	
		13	R5	10	2.5	2.5	CAFÉ			54M														20	1080			LED
		14	Y5	10	2.5	2.5	CAFÉ		11															50		550		
	40A 4P	15	B5	10	2.5	2.5	CAFÉ	3																200			600	
	100mA-3	16	R6				SPACE																					
		17	Y6	10	2.5	2.5	CAFÉ		3															50		150		
		18	B6	10	2.5	2.5	CAFÉ			15M														20			300	LED
		19	R7	32	4.0	4.0	RES AREA						3											400	1200			RING
		20	Y7	20	4.0	4.0	RES AREA						2											400		800		
63A TP ISO	40A 4P	21	B7	20	4.0	4.0	RES AREA						2											400			800	
	30mA-4	22	R8	20	4.0	4.0	RES LOBBY						2											400	800			
		23	Y8	32	4.0	4.0	RES AREA						3											400		1200		RING
		24	B8	20	4.0	4.0	PREP. AREA							3										200			600	
		25	R9	20			SPARE																	200	200			
		26	Y9	32	4.0	4.0	CAFÉ						3											400		1200		RING
	40A 4P	27	B9	32	4.0	4.0	CAFÉ						3											400			1200	RING
	30mA-5	28	R10				SPACE																					
		29	Y10				SPACE																					
		30	B10	20			SPARE																	340			340	
	40A	31	R11	20	4.0	4.0	CAFÉ(FAC-2)																1	550	550			
	4P	32	Y11	20	4.0	4.0	CAFÉ(FAC-2)																1	550		550		
	100mA-6	33	B11	10			EMERGENCY LIGHT	20																10			200	
	40A	34	R12	20	4.0	4.0	RES AREA																1	550	550			
	4P	35	Y12	20	4.0	4.0	RES AREA																1	550		550		
	100mA-7	36	B12	20	4.0	4.0	PREP. AREA																1	250			250	
	40A	37	R13	20	4.0	4.0	RES AREA																1	550	550			
	4P	38	Y13				SPACE																					
	100mA-8	39	B13	20	4.0	4.0	CAFÉ(FAC-2)																1	550			550	
																									6,130	6,000	6,100	**18.23**

CABLE SIZE : 4C 25mm2 PVC + 1X16mm2,G/Y,ECC. kW

LTG=Lights, C.FAN =Ceiling Fan, Ex.FAN =Exhaust Fan. CH =Chandlier. **A** **33.315**

W.H. =Water Heater, SB = Sign Board, WAC =Window AC SAC =Split AC. FCU=Fan Coil Unit AT PF 0.8

PROJECT: PROPOSED G+5P+14+HC DELUXE HOTEL APARTEMENTS — OWNER NAME :

DB-CODE : **DB-ADMIN** — LOAD DISTRIBUTION SCHEDULE

FEEDING FROM : **SMDB-FF**

LOCATION OF DB : ***ADMIN***

RATING OF INCOMER	RATING of ELCB 4P	SR. NO.	CKT	MCB RTG AMP	CCT WIRE MM2	ECC WIRE MM2	ELECTRICAL POINTS DESCRIPTION. ROOM/AREA	LTG	LTG		FAN Ex.	Cha-ndlier	TWIN 13A	SSO 13A	W.H	GD	DOOR BELL	SB	CCU 45A	20A 15A	W. AC	S. AC	FCU AC	UNIT WATTS	LOAD PER CIRCUIT R	WATTS Y	B	REMARKS
40A TP ISO	40A 4P 100mA-1	1	R1	10	2.5	2.5	ADMIN	7																100	700			
		2	Y1	10	2.5	2.5	ADMIN	7																100		700		
		3	B1	10	2.5	2.5	ADMIN	7																100			700	
	40A 4P 100mA-2	4	R2	10	2.5	2.5	ADMIN	7																100	700			
		5	Y2				SPACE																					
		6	B2	10			EMERGENCY LIGHT	10																10			100	
	40A 4P 30mA-3	7	R3	20	4.0	4.0	ADMIN						1											400	400			
		8	Y3	20	4.0	4.0	ADMIN						2											400		800		
		9	B3	20	4.0	4.0	ADMIN						2											400			800	
	40A 4P 30mA-4	10	R4				SPACE																					
		11	Y4	20			SPARE																	300		300		
		12	B4	20			SPARE																	200			200	
	40A 4P 100mA-5	13	R5	20	4.0	4.0	ADMIN FCU																1	250	250			
		14	Y5	20	4.0	4.0	ADMIN FCU																1	250		250		
		15	B5	20	4.0	4.0	ADMIN FCU																1	250			250	
																									2,050	2,050	2,050	6.15

CABLE SIZE : 4C 10mm2 PVC + 1X10mm2,G/Y,ECC. — kW

LTG=Lights, C.FAN =Ceiling Fan, Ex.FAN =Exhaust Fan. CH =Chandlier. — A 11.141

W.H. =Water Heater, SB = Sign Board, WAC =Window AC SAC =Split AC. FCU=Fan Coil Unit — AT PF 0.8

PROJECT: PROPOSED G+5P+14+HC DELUXE HOTEL APARTEMENTS — OWNER NAME :. LOCATION OF DB : ***ELE RM-FF***

DB-CODE : **DB-FF L** — LOAD DISTRIBUTION SCHEDULE

FEEDING FROM : **SMDB-FF**

RATING OF INCOMER	RATING of ELCB 4P	SR. NO.	CKT	MCB RTG AMP	CCT WIRE MM2	ECC WIRE MM2	ELECTRICAL POINTS DESCRIPTION. ROOM/AREA	LTG	LTG	STRP LTG/M	FAN Ex.	Cha-ndlier		SSO 13A	W.H	GD	DOOR BELL	SB	CCU 45A	20A 15A	W. AC	S. AC	FCU AC	UNIT WATTS	LOAD PER CIRCUIT R	WATTS Y	B	REMARKS
40A TP ISO	40A 4P 100mA-1	1	R1	10	2.5	2.5	CORR FF		6															50	300			
		2	Y1	10	2.5	2.5	CORR FF		5															50		250		
		3	B1	10	2.5	2.5	CORR FF		5	16M														50/ 20			320	
		4	R2	10	2.5	2.5	HOUSEKEEPING/PASS		5															50	250			
		5	Y2	10	2.5	2.5	LIFT LOBBY		4															50		200		
		6	B2	10	2.5	2.5	SER LIFT LOBBY		5															50			250	
	40A 4P 100mA-2	7	R3	10	2.5	2.5	SER CORR		6															50	300			
		8	Y3	10	2.5	2.5	FEMAIL TOL		8	5M														50/ 20		400		
		9	B3	10	2.5	2.5	MALE TOL		8	5M														50/ 20			400	
		10	R4	10	2.5	2.5	CORR FF			28M														20	560			
		11	Y4	10	2.5	2.5	MEETING ROOM		8															50		400		
		12	B4	10	2.5	2.5	BUSINESS CENTRE-2		11															50			550	
	40A 4P 100mA-3	13	R5	10	2.5	2.5	OUTSIDE AREA		6															50	300			
		14	Y5	10	2.5	2.5	KIDS PLAY AREA			12M														20		240		
		15	B5	10	2.5	2.5	KIDS PLAY AREA			17M														20			340	
		16	R6	10	2.5	2.5	ABLU/MALE PRAY RM	6	2															100 /50	700			
		17	Y6	10	2.5	2.5	ABLU/FEMALE PRAY RM	6	2															50		400		
		18	B6	10	2.5	2.5	OUTSIDE AREA		8															50			400	
	40A 4P 100mA-4	19	R7				SPACE																					
		20	Y7	10	2.5	2.5	LIFT LOBBY		4															50		200		
		21	B7	10	2.5	2.5	JANITOR/BABY CHANGING		4															50			200	
		22	R8	10	2.5	2.5	TERRACE		5															50	250			
		23	Y8	10	2.5	2.5	LIFT LOBBY		2															50		100		
		24	B8	10	2.5	2.5	HANDICAP		4															50			200	
	40A 4P 100mA-5	25	R9				SPACE																					
		26	Y9	10	2.5	2.5	TERRACE		7															50		350		
		27	B9	10			EMERGENCY LIGHT	30																10			300	
																									2,660	2,540	2,960	8.16

CABLE SIZE : 4C 16mm2,XLPE/SWA/PVC + 1X16 mm2,G/Y,ECC. — kW

LTG=Lights, C.FAN =Ceiling Fan, Ex.FAN =Exhaust Fan. CH =Chandlier. — A 16.087

W.H. =Water Heater, SB = Sign Board, WAC =Window AC SAC =Split AC. FCU=Fan Coil Unit — AT PF 0.8

PROJECT: PROPOSED G+5P+14+HC DELUXE HOTEL APARTEMENTS

OWNER NAME :

DB-CODE : **DB-FF P**

LOAD DISTRIBUTION SCHEDULE

FEEDING FROM : **SMDB-FF**

LOCATION OF DB : ***ELE RM-FF***

RATING OF INCOMER	RATING of ELCB 4P	SR. NO.	CKT	MCB RTG AMP	CCT WIRE MM2	ECC WIRE MM2	ELECTRICAL POINTS DESCRIPTION. ROOM/AREA	LTG	LTG		FAN Ex.	Cha-ndlier	TWIN 13A	SSO 13A	W.H	GD	DOOR BELL	SB	CCU 45A	20A 15A	W. AC	S. AC	FCU AC	UNIT WATTS	LOAD PER CIRCUIT WATTS R	Y	B	REMARKS
		1	R1	20	4.0	4.0	HOUSEKEEPING							2										200	400			
		2	Y1	20	4.0	4.0	FEMALE TOL						2	1										400 / 200		600		
	40A 4P	3	B1	20	4.0	4.0	MALE TOL													1				500			500	
	30mA-1	4	R2	20	4.0	4.0	CORR						2											400	800			
		5	Y2	20	4.0	4.0	FEMALE TOL													1				500		500		
		6	B2	20	4.0	4.0	MALE TOL						2	1										400 / 200			600	
		7	R3	20	4.0	4.0	MALE PRY RM							2										200	400			
		8	Y3	32	4.0	4.0	MEETING ROOM							5										200		1000		RING
	40A 4P	9	B3	20	4.0	4.0	BABY CHANGING													1				500			500	
	30mA-2	10	R4	32	4.0	4.0	LIFT LOBBY						3											400	1200			RING
		11	Y4	20	4.0	4.0	KIDS PLAY AREA						1	2										200 / 400		800		
		12	B4	20	4.0	4.0	HANDICAP													1				500			500	
		13	R5	20	4.0	4.0	CORR						2											400	800			
		14	Y5	20	4.0	4.0	FEMALE PRY RM							2										200		400		
	40A 4P	15	B5	20	4.0	4.0	BUISNESS CENTER-2							2										200			400	
	30mA-3	16	R6	20	4.0	4.0	FEMALE PRY RM													1				1000	1000			HAND DRYER
		17	Y6	20	4.0	4.0	CORR						2											400		800		
		18	B6	20	4.0	4.0	MALE TOILET						2											400			800	
		19	R7	20	4.0	4.0	CORR						2											400	800			
		20	Y7	20	4.0	4.0	FEMALE ABLUTION													1				1000		1000		HAND DRYER
	40A 4P	21	B7	20	4.0	4.0	BUISNESS CENTER-2							3										200			600	
63A TP ISO	30mA-4	22	R8				SPACE																					
		23	Y8				SPACE																					
		24	B8	20	4.0	4.0	SERVICE LOBBY							2										200			400	
	40A	25	R9	20	4.0	4.0	MALE PRY RM FCU(FAC-5)																1	250	250			
	4P	26	Y9	20	4.0	4.0	KIDS PLAY AREA FCU(FAC-4)																1	400		400		
	100mA-5	27	B9	20	4.0	4.0	CORR FCU																1	550			550	
	40A	28	R10	20	4.0	4.0	BUSNESS CEN.-1 FCU(FAC-9)																1	150	150			
	4P	29	Y10	20	4.0	4.0	FEMALE PRY RM FCU(FAC-6)																1	250		250		
	100mA-6	30	B10	20	4.0	4.0	BUISNESS CENTER-2 FCU(FAC-10)																1	200			200	
	40A	31	R11	20	4.0	4.0	MEETING ROOM FCU(FAC-8)																1	250	250			
	4P	32	Y11	20	4.0	4.0	MEETING ROOM FCU(FAC-11)																1	200		200		
	100mA-7	33	B11	20	4.0	4.0	SER CORR FCU(FAC-13)																1	250			250	
	40A	34	R12	20	4.0	4.0	INTERNET RM FCU(FAC-7)																1	300	300			
	4P	35	Y12	10			EMERGENCY LIGHT	15																10		150		
	100mA-8	36	B12	20	4.0	4.0	LIFT LOBBY FCU																1	550			550	
		37	R13				SPACE																					
		38	Y13	20	4.0	4.0	OPEN TERRACE							2										200		400		
	40 A 4P	39	B13	20	4.0	4.0	LANDSCAPE							2										200			400	
	30mA-9	40	R14	20	4.0	4.0	OPEN TERRACE							2										200	400			
		41	Y14				SPACE																					
		42	B14	20			SPARE																	200			200	
								15																	6,750	6,500	6,450	19.70

CABLE SIZE : 4C 25mm2,XLPE/SWA/PVC + 1X16 mm2,G/Y,ECC.

kW

LTG=Lights, C.FAN =Ceiling Fan, Ex.FAN =Exhaust Fan. CH =Chandlier.

W.H. =Water Heater, SB = Sign Board, WAC =Window AC SAC =Split AC. FCU=Fan Coil Unit

A **36.685**

AT PF 0.8

PROJECT: PROPOSED G+5P+14+HC DELUXE HOTEL APARTEMENTS

OWNER NAME :. LOCATION OF DB : ***ELE RM-FF***

DB-CODE : **EDB-FF**

LOAD DISTRIBUTION SCHEDULE

FEEDING FROM : **ESMDB**

RATING OF INCOMER	RATING of ELCB 4P	SR. NO.	CKT	MCB RTG AMP	CCT WIRE MM2	ECC WIRE MM2	ELECTRICAL POINTS DESCRIPTION. ROOM/AREA	LTG	LTG	STRP LTG/M	FAN Ex.	Cha-ndlier	TWIN 13A	SSO 13A	W.H	MD	DOOR BELL	SB	CCU 45A	20A 15A	W. AC	S. AC	FCU AC	UNIT WATTS	LOAD PER CIRCUIT R	WATTS Y	B	REMARKS
63A TP ISO	40 A 4P 100mA-1	1	R1	10	2.5	2.5	ELE/TEL FF	2																100	200			
		2	Y1	10	2.5	2.5	CORR FF		6	22M														50 / 20		740		
		3	B1	10	2.5	2.5	CORR FF		4															50			200	
		4	R2	10	2.5	2.5	INTERNET RM	3		5M														50 / 20	250			
		5	Y2	10	2.5	2.5	MEETING RM		4															50		200		
		6	B2	10	2.5	2.5	BUSNESS CENTRE		4	11M														50 / 20			420	
	40 A 4P 100mA-2	7	R3	10	2.5	2.5	INTERNET RM		6															50	300			
		8	Y3	10	2.5	2.5	M.DAMPER(FF-5F)									5								200		1000		
		9	B3	10	2.5	2.5	M.DAMPER(FF-5F)									5								200			1000	
		10	R4	10	2.5	2.5	M.DAMPER(FF-5F)LIFTS									5								200	1000			
		11	Y4	10	2.5	2.5	M.DAMPER(FF-5F)HOUSEKEEPING									5								200		1000		
		12	B4	10	2.5	2.5	M.DAMPER(FF-5F)SHAFT									5								200			1000	
	40 A 4P 100mA-3	13	R5	10	2.5	2.5	CORR FF		5															50	250			
		14	Y5	10	2.5	2.5	MEETING RM		4															50		200		
		15	B5				SPACE																					
		16	R6	10			SPARE																	500	500			
		17	Y6				SPACE																					
		18	B6	10	2.5	2.5	MEETING RM			12														20			240	
	40 A 4P 30A-4	19	R7	20	4.0	4.0	ELE RM FF							1										200	200			
		20	Y7	20	4.0	4.0	TEL RM FF						1	1										200		600		
		21	B7	20	4.0	4.0	BUSNESS CENTRE-1						2											400			800	
		22	R8	20	4.0	4.0	INTERNET RM						2											400	800			
		23	Y8	20	4.0	4.0	MEETING RM						1											400		400		
		24	B8	32	4.0	4.0	MEETING RM						3											400			1200	RING
	40 A 4P 30A-5	25	R9	20	4.0	4.0	INTERNET RM						2											400	800			
		26	Y9	32	4.0	4.0	MEETING RM						2	1										400 / 200		1000		RING
		27	B9				SPACE																					
		28	R10	20	4.0	4.0	MEETING RM						1											400	400			
		29	Y10				SPACE																					
		12	B10				SPACE																					
																									4,700	5,140	4,860	14.70

CABLE SIZE : 4C 25mm2,XLPE/SWA/PVC + 1X16 mm2,G/Y,ECC. kW

LTG=Lights, C.FAN =Ceiling Fan, Ex.FAN =Exhaust Fan. CH =Chandlier. **A** **27.935**

W.H. =Water Heater, SB = Sign Board, WAC =Window AC SAC =Split AC. FCU=Fan Coil Unit AT PF 0.8

PROJECT: PROPOSED G+5P+14+HC DELUXE HOTEL APARTEMENTS

OWNER NAME :

DB-CODE : **EDB-2F**

LOAD DISTRIBUTION SCHEDULE

LOCATION OF DB : ***ELE RM-2F***

FEEDING FROM : **ESMDB**

RATING OF INCOMER	RATING of ELCB 4P	SR. NO.	CKT	MCB RTG AMP	CCT WIRE MM2	ECC WIRE MM2	ELECTRICAL POINTS DESCRIPTION. ROOM/AREA	LTG	LTG	STRP LTG/M	FAN Ex.	Cha-ndlier	TWIN 13A	SSO 13A	W.H		DOOR BELL	SB	CCU 45A	20A 15A	W. AC	S. AC	FCU AC	UNIT WATTS	LOAD PER CIRCUIT R	WATTS Y	B	REMARKS
40A TP ISO	40 A 4P 100mA ELCB-1	1	R1	10	2.5	2.5	ELE/TEL 2F	3																100	300			
		2	Y1	10	2.5	2.5	CORR.2F	2		7m														50 / 20		240		
		3	B1	10	2.5	2.5	CORR.2F	7																50			350	
		4	R2	10	2.5	2.5	CORRIDOR 2F	6																50	300			
		5	Y2	10	2.5	2.5	CORRIDOR 2F	2		3.5														50 / 20		170		
		6	B2	10	2.5	2.5	CORRIDOR 2F	2																50			100	
	40 A 4P 100mA ELCB-2	7	R3	10	2.5	2.5	CORRIDOR 2F	2		7m														50 / 20	240			
		8	Y3	10	2.5	2.5	CORRIDOR 2F	5																50		250		
		9	B3	10	2.5	2.5	CORRIDOR 2F			4m														25			100	
		10	R4	10	2.5	2.5	CORRIDOR 2F	2		1m														50 / 20	120			
		11	Y4	10	2.5	2.5	STAIR-1(2-4)	6																50		300		
		12	B4	10	2.5	2.5	STAIR-2(2-4)	6																50			300	
	40 A 4P 100mA ELCB-3	13	R5	10	2.5	2.5	ELE/TEL 3F	3																100	300			
		14	Y5	10	2.5	2.5	CORR.3F	2		7m														50 / 20		240		
		15	B5	10	2.5	2.5	CORR.3F	7																50			350	
		16	R6	10	2.5	2.5	CORRIDOR 3F	6																50	300			
		17	Y6	10	2.5	2.5	CORRIDOR 3F	2		3.5														50 / 20		170		
		18	B6	10	2.5	2.5	CORRIDOR 3F	2																50			100	
	40 A 4P 100mA ELCB-4	19	R7	10	2.5	2.5	CORRIDOR 3F	2		7m														50 / 20	240			
		20	Y7	10	2.5	2.5	CORRIDOR 3F	5																50		250		
		21	B7	10	2.5	2.5	CORRIDOR 3F			4m														25			100	
		22	R8	10	2.5	2.5	CORRIDOR 3F	2		1m														50 / 20	120			
		23	Y8	10			EMERGENCY LIGHT	20																10	200			
		24	B8	10			EMERGENCY LIGHT	20																10			200	
	40 A 4P 100mA ELCB-5	25	R9	10	2.5	2.5	ELE/TEL 4F	3																100	300			
		26	Y9	10	2.5	2.5	CORR.4F	2		7m														50 / 20		240		
		27	B9	10	2.5	2.5	CORR.4F	7																50			350	
		28	R10	10	2.5	2.5	CORRIDOR 4F	6																50	300			
		29	Y10	10	2.5	2.5	CORRIDOR 4F	2		3.5														50 / 20		170		
		30	B10	10	2.5	2.5	CORRIDOR 4F	2																50			100	
	40 A 4P 100mA ELCB-6	31	R11	10	2.5	2.5	CORRIDOR 4F	2		7m														50 / 20	240			
		32	Y11	10	2.5	2.5	CORRIDOR 4F	5																50		250		
		33	B11	10	2.5	2.5	CORRIDOR 4F			4m														25			100	
		34	R12	10	2.5	2.5	CORRIDOR 4F	2		1m														50 / 20	120			
		35	Y12	10			EMERGENCY LIGHT	30																10	300			
		36	B12	10			EMERGENCY LIGHT	30																10			300	
	40 A 4P 30mA ELCB-7	37	R13	20	4.0	4.0	ELE RM 2F							1										200	200			
		38	Y13	20	4.0	4.0	TEL RM 2F						1	1										200 / 400		600		
		39	B13	20	4.0	4.0	ELE RM 4F							1										200			200	
		40	R14	20	4.0	4.0	ELE RM 3F							1										200	200			
		41	Y14	20	4.0	4.0	TEL RM 3F						1											400		400		
		42	B14	20	4.0	4.0	TEL RM 4F						1											400			400	
																									3,780	3,280	3,050	10.11 kW
CABLE SIZE:1X4C 10 Sqmm-XLPE/PVC +1X1C,10 SqmmCu as ECC																											A	20.543

LTG=Lights, C.FAN =Ceiling Fan, Ex.FAN =Exhaust Fan. CH =Chandlier.
W.H. =Water Heater, SB = Sign Board, WAC =Window AC SAC =Split AC. FCU=Fan Coil Unit

AT PF 0.8

PROJECT: PROPOSED G+5P+14+HC DELUXE HOTEL APARTEMENTS

OWNER NAME :

DB-CODE : **DB-2F**

LOAD DISTRIBUTION SCHEDULE

FEEDING FROM : **SMDB-FF**

RATING OF INCOMER	RATING of ELCB 4P	SR. NO.	CKT	MCB RTG AMP	CCT WIRE MM2	ECC WIRE MM2	ELECTRICAL POINTS DESCRIPTION. ROOM/AREA	LTG	LTG		FAN Ex.	Cha-ndlier	TWIN 13A	SSO 13A	W.H		DOOR BELL	SB	CCU 45A	20A 15A	TWIN AC	SP AC	FSU AC	LOCATION: ENTRY RM-2F WATTS	LOAD PER CIRCUIT R	WATTS Y	B	REMARKS
	40 A 4P 100mA ELCB-1	1	R1	10	2.5	2.5	CORR.2F	5																50	250			
		2	Y1	10	2.5	2.5	CORR.2F	6																50		300		
		3	B1	10	2.5	2.5	CORR.2F	7																50			350	
		4	R2	10	2.5	2.5	CORR.2F		30m															20	600			
		5	Y2	10	2.5	2.5	CORR.2F		30m															20		600		
		6	B2	10	2.5	2.5	CORR.2F	1	40m															50 /20			850	
	40 A 4P 100mA ELCB-2	7	R3	10	2.5	2.5	SERVICE LOBBY.2F	5																50	250			
		8	Y3	10	2.5	2.5	LIFT LOBBY.2F	2																50		100		
		9	B3	10	2.5	2.5	LIFT LOBBY.2F	4	2m															50 / 20			220	
		10	R4	10	2.5	2.5	TEL/HOUSEKEEPING.2F	4																100 /50	250			
		11	Y4	10	2.5	2.5	LIFT LOBBY.2F	4																50		200		
		12	B4																									
	40 A 4P 100mA ELCB-3	13	R5	10	2.5	2.5	CORR.3F	5																50	250			
		14	Y5	10	2.5	2.5	CORR.3F	6																50		300		
		15	B5	10	2.5	2.5	CORR.3F	7																50			350	
		16	R6	10	2.5	2.5	CORR.3F		30m															20	600			
		17	Y6	10	2.5	2.5	CORR.3F		30m															20		600		
		18	B6	10	2.5	2.5	CORR.3F	1	40m															50 /20			850	
	40 A 4P 100mA ELCB-4	19	R7	10	2.5	2.5	SERVICE LOBBY.3F	5																50	250			
		20	Y7	10	2.5	2.5	LIFT LOBBY.3F	2																50		100		
		21	B7	10	2.5	2.5	LIFT LOBBY.3F	4	2m															50 / 20			220	
		22	R8	10	2.5	2.5	TEL/HOUSEKEEPING.3F	4																100 /50	250			
		23	Y8	10	2.5	2.5	LIFT LOBBY.3F	4																50		200		
		24	B8																									
	40 A 4P 100mA ELCB-5	25	R9	10	2.5	2.5	CORR.4F	5																50	250			
		26	Y9	10	2.5	2.5	CORR.4F	6																50		300		
		27	B9	10	2.5	2.5	CORR.4F	7																50			350	
		28	R10	10	2.5	2.5	CORR.4F		30m															20	600			
		29	Y10	10	2.5	2.5	CORR.4F		30m															20		600		
		30	B10	10	2.5	2.5	CORR.4F	1	40m															550			550	

63A TP ISO	40 A 4P 100mA ELCB-6	**31**	R11	10	2.5	2.5	SERVICE LOBBY.4F	5																50	250			
		32	Y11	10	2.5	2.5	LIFT LOBBY.4F	2																50		100		
		33	B11	10	2.5	2.5	LIFT LOBBY.4F	4	2m															50 / 20			220	
		34	R12	10	2.5	2.5	TEL/HOUSEKEEPING.4F	4																100 /50	250			
		35	Y12	10	2.5	2.5	LIFT LOBBY.4F	4																50		200		
		36	B12																										
	40 A 4P 30mA ELCB-7	**37**	R13	20	4.0	4.0	CORR.2F							1										200	200			
		38	Y13	20	4.0	4.0	CORR.2F							1										200		200		
		39	B13	20	4.0	4.0	CORR.2F						2											400			800	
		40	R14	20	4.0	4.0	SERVICE LOBBY / HOUSEKEEPING 2F							2										200	400			
		41	Y14	20	4.0	4.0	DISHWASHER 2F									1								1500		1500		
		42	B14	20	4.0	4.0	CORR.2F						1	1										400 / 200			600	
	40 A 4P 30mA ELCB-8	**43**	R15	20	4.0	4.0	CORR.3F							1										200	200			
		44	Y15	20	4.0	4.0	CORR.3F							1										200		200		
		45	B15	20	4.0	4.0	CORR.3F						2											400			800	
		46	R16	20	4.0	4.0	SERVICE LOBBY / HOUSEKEEPING. 3F							2										200	400			
		47	Y16	20	4.0	4.0	DISHWASHER 3F									1								1500		1500		
		48	B16	20	4.0	4.0	CORR.3F						1	1										400 / 200			600	
	40 A 4P 30mA ELCB-9	**49**	R17	20	4.0	4.0	CORR.4F							1										200	200			
		50	Y17	20	4.0	4.0	CORR.4F							1										200		200		
		51	B17	20	4.0	4.0	CORR.4F						2											400			800	
		52	R18	20	4.0	4.0	DISHWASHER 4F									1								1500	1500			
		53	Y18	20	4.0	4.0	SERVICE LOBBY / HOUSEKEEPING. 4F							2										200		400		
		54	B18	20	4.0	4.0	CORR.4F						1	1										400 / 200			600	
	40 A 4P 100mA ELCB-10	**55**	R19	20	4.0	4.0	SERVICE LOBBY-2F																1	500	500			
		56	Y19	20	4.0	4.0	LIFT LOBBY-2F																1	500		500		
		57	B19	20	4.0	4.0	HOUSE KEEPING 2F						1											200			200	3-PHASE SOCKET
	40 A 4P 100mA ELCB-11	**58**	R20	20	4.0	4.0	SERVICE LOBBY-3F																1	500	500			
		59	Y20	20	4.0	4.0	LIFT LOBBY-3F																1	500		500		
		60	B20	20	4.0	4.0	HOUSE KEEPING 3F						1											200			200	3-PHASE SOCKET
	40 A 4P 100mA ELCB-12	**61**	R21	20	4.0	4.0	SERVICE LOBBY-4F																1	500	500			
		62	Y21	20	4.0	4.0	HOUSE KEEPING 4F						1											200		200		3-PHASE SOCKET
		63	B21	20	4.0	4.0	LIFT LOBBY-4F																1	500			500	
																									8,450	**8,800**	**9,060**	**26.31**
CABLE SIZE:1X4C 25 Sqmm-XLPE/PVC +1X1C,16 SqmmCu as ECC																												kW
																											A	**49.239**
																												AT PF 0.8

LTG=Lights, C.FAN =Ceiling Fan, Ex.FAN =Exhaust Fan. CH =Chandlier.
W.H. =Water Heater, SB = Sign Board, WAC =Window AC SAC =Split AC. FCU=Fan Coil Unit

PROJECT: PROPOSED G+5P+14+HC DELUXE HOTEL APARTEMENTS

OWNER NAME :. LOCATION OF DB : ***ELE***

DB-CODE : **EDB-5F**

LOAD DISTRIBUTION SCHEDULE

RM-5F

FEEDING FROM : **ESMDB**

RATING OF INCOMER	RATING of ELCB 4P	SR. NO.	CKT	MCB RTG AMP	CCT WIRE MM2	ECC WIRE MM2	ELECTRICAL POINTS DESCRIPTION. ROOM/AREA	LTG	LTG	STRP LTG/M	FAN Ex.	Cha-ndlier	TWIN 13A	SSO 13A	W.H	MD	DOOR BELL	SB	CCU 45A	20A 15A	W. AC	S. AC	FCU AC	UNIT WATTS	LOAD PER CIRCUIT WATTS R	Y	B	REMARKS
63A TP ISO	40 A 4P 100mA ELCB-1	1	R1	10	2.5	2.5	ELE/TEL 5F	3																100	300			
		2	Y1	10	2.5	2.5	CORR.5F	2		7m														50 / 20		240		
		3	B1	10	2.5	2.5	CORR.5F	7																50			350	
		4	R2	10	2.5	2.5	CORRIDOR 5F	6																50	300			
		5	Y2	10	2.5	2.5	CORRIDOR 5F	2		3.5														50 / 20		170		
		6	B2	10	2.5	2.5	CORRIDOR 5F	2																50			100	
	40 A 4P 100mA ELCB-2	7	R3	10	2.5	2.5	CORRIDOR 5F	2		7m														50 / 20	240			
		8	Y3	10	2.5	2.5	CORRIDOR 5F	5																50		250		
		9	B3	10	2.5	2.5	CORRIDOR 5F			4m														25			100	
		10	R4	10	2.5	2.5	CORRIDOR 5F	2		1m														50 / 20	120			
		11	Y4	10	2.5	2.5	STAIR-1(5F-7F)	6																50		300		
		12	B4	10	2.5	2.5	STAIR-2(5F-7F)	6																50			300	
	40 A 4P 100mA ELCB-3	13	R5	10	2.5	2.5	ELE/TEL 6F	3																100	300			
		14	Y5	10	2.5	2.5	CORR.6F	2		7m														50 / 20		240		
		15	B5	10	2.5	2.5	CORR.6F	7																50			350	
		16	R6	10	2.5	2.5	CORRIDOR 6F	6																50	300			
		17	Y6	10	2.5	2.5	CORRIDOR 6F	2		3.5														50 / 20		170		
		18	B6	10	2.5	2.5	CORRIDOR 6F	2																50			100	
	40 A 4P 100mA ELCB-4	19	R7	10	2.5	2.5	CORRIDOR 6F	2		7m														50 / 20	240			
		20	Y7	10	2.5	2.5	CORRIDOR 6F	5																50		250		
		21	B7	10	2.5	2.5	CORRIDOR 6F			4m														25			100	
		22	R8	10	2.5	2.5	CORRIDOR 6F	2		1m														50 / 20	120			
		23	Y8	10	2.5	2.5	EMERGENCY LIGHT	20																10		200		
		24	B8	10	2.5	2.5	EMERGENCY LIGHT	20																10			200	
	40 A 4P 100mA ELCB-5	25	R9	10	2.5	2.5	ELE/TEL 7F	3																100	300			
		26	Y9	10	2.5	2.5	CORR.7F	2		7m														50 / 20		240		
		27	B9	10	2.5	2.5	CORR.7F	7																50			350	
		28	R10	10	2.5	2.5	CORRIDOR 7F	6																50	300			
		29	Y10	10	2.5	2.5	CORRIDOR 7F	2		3.5														50 / 20		170		
		30	B10	10	2.5	2.5	CORRIDOR 7F	2																50			100	
	40 A 4P 100mA ELCB-6	31	R11	10	2.5	2.5	CORRIDOR 7F	2		7m														50 / 20	240			
		32	Y11	10	2.5	2.5	CORRIDOR 7F	5																50		250		
		33	B11	10	2.5	2.5	CORRIDOR 7F			4m														25			100	
		34	R12	10	2.5	2.5	CORRIDOR 7F	2		1m														50 / 20	120			
		35	Y12	10	2.5	2.5	EMERGENCY LIGHT	30																10		300		
		36	B12	10	2.5	2.5	EMERGENCY LIGHT	30																10			300	
	40 A 4P 30mA ELCB-7	37	R13	20	4.0	4.0	ELE RM 5F							1										200	200			
		38	Y13	20	4.0	4.0	TEL RM 5F						1	1										200 / 400		600		
		39	B13	20	4.0	4.0	ELE RM 7F							1										200			200	
		40	R14	20	4.0	4.0	ELE RM 6F							1										200	200			
		41	Y14	20	4.0	4.0	TEL RM 6F						1											400		400		
		42	B14	20	4.0	4.0	TEL RM 7F						1											400			400	
	40 A 4P 100mA ELCB-8	43	R15	20	4.0	4.0	M.DAMPER(6F-10F)LIFT									6								50	300			
		44	Y15	20	4.0	4.0	M.DAMPER(6F-10F) STAIR-1									6								50		300		
		45	B15	20	4.0	4.0	M.DAMPER(6F-10F)SHAFT									6								50			300	
		46	R16	10	2.5	2.5	EMERGENCY LIGHT	30																10	300			
		47	Y16	20	4.0	4.0	M.DAMPER(6F-10F)HOUSKEEPING									6								50		300		
		48	B16	20	4.0	4.0	M.DAMPER(6F-10F) STAIR-2									6								50			300	
																									3,880	4,380	3,650	11.91 kW

CABLE SIZE:1X4C 25 Sqmm-XLPE/PVC +1X1C,16 SqmmCu as ECC

LTG=Lights, C.FAN =Ceiling Fan, Ex.FAN =Exhaust Fan. CH =Chandlier.

W.H. =Water Heater, SB = Sign Board, WAC =Window AC SAC =Split AC. FCU=Fan Coil Unit

A **23.804**

AT PF 0.8

PROJECT: PROPOSED G+5P+14+HC DELUXE HOTEL APARTEMENTS

OWNER NAME :. LOCATION OF DB : ***ELE***

DB-CODE : **DB-5F**

LOAD DISTRIBUTION SCHEDULE

RM-5F

FEEDING FROM : **SMDB-FF**

RATING OF INCOMER	RATING of ELCB 4P	SR. NO.	CKT	MCB RTG AMP	CCT WIRE MM2	ECC WIRE MM2	ELECTRICAL POINTS DESCRIPTION. ROOM/AREA	LTG	LTG	STRP LTG/M	FAN Ex.	Cha-ndlier	TWIN 13A	SSO 13A	W.H		DOOR BELL	SB	CCU 45A	20A 15A	W. AC	S. AC	FCU AC	UNIT WATTS	LOAD PER CIRCUIT R	WATTS Y	B	REMARKS
	40 A 4P 100mA ELCB-1	1	R1	10	2.5	2.5	CORR.5F	5																50	250			
		2	Y1	10	2.5	2.5	CORR.5F	6																50		300		
		3	B1	10	2.5	2.5	CORR.5F	7																50			350	
		4	R2	10	2.5	2.5	CORR.5F			30m														20	600			
		5	Y2	10	2.5	2.5	CORR.5F			30m														20		600		
		6	B2	10	2.5	2.5	CORR.5F	1		40m														50 /20			850	
	40 A 4P 100mA ELCB-2	7	R3	10	2.5	2.5	SERVICE LOBBY.5F	5																50	250			
		8	Y3	10	2.5	2.5	LIFT LOBBY.5F	2																50		100		
		9	B3	10	2.5	2.5	LIFT LOBBY.5F	4		2m														50 / 20			220	
		10	R4	10	2.5	2.5	TEL/HOUSEKEEPING.5F	4																100 /50	250			
		11	Y4																									
		12	B4	10	2.5	2.5	LIFT LOBBY.5F	4																50			200	
	40 A 4P 100mA ELCB-3	13	R5	10	2.5	2.5	CORR.6F	5																50	250			
		14	Y5	10	2.5	2.5	CORR.6F	6																50		300		
		15	B5	10	2.5	2.5	CORR.6F	7																50			350	
		16	R6	10	2.5	2.5	CORR.6F			30m														20	600			
		17	Y6	10	2.5	2.5	CORR.6F			30m														20		600		
		18	B6	10	2.5	2.5	CORR.6F	1		40m														550			550	
	40 A 4P 100mA ELCB-4	19	R7	10	2.5	2.5	SERVICE LOBBY.6F	5																50	250			
		20	Y7	10	2.5	2.5	LIFT LOBBY.6F	2																50		100		
		21	B7	10	2.5	2.5	LIFT LOBBY.6F	4		2m														50 / 20			220	
		22	R8	10	2.5	2.5	TEL/HOUSEKEEPING.6F	4																100 /50	250			
		23	Y8	10	2.5	2.5	LIFT LOBBY.6F	4																50		200		
		24	B8	10																								
	40 A 4P 100mA ELCB-5	25	R9	10	2.5	2.5	CORR.7F	5																50	250			
		26	Y9	10	2.5	2.5	CORR.7F	6																50		300		
		27	B9	10	2.5	2.5	CORR.7F	7																50			350	
		28	R10	10	2.5	2.5	CORR.7F			30m														20	600			
		29	Y10	10	2.5	2.5	CORR.7F			30m														20		600		
		30	B10	10	2.5	2.5	CORR.7F	1		40m														550			550	

63A TP ISO	40 A 4P 100mA ELCB-6	**31**	R11	10	2.5	2.5	SERVICE LOBBY.7F	5															50	250			
		32	Y11	10	2.5	2.5	LIFT LOBBY.7F	2															50		100		
		33	B11	10	2.5	2.5	LIFT LOBBY.7F	4		2m													50 / 20			220	
		34	R12	10	2.5	2.5	TEL/HOUSEKEEPING.7F	4															100 /50	250			
		35	Y12	10	2.5	2.5	LIFT LOBBY.7F	4															50		200		
		36	B12																									
	40 A 4P 30mA ELCB-7	**37**	R13	20	4.0	4.0	CORR.5F							1									200	200			
		38	Y13	20	4.0	4.0	CORR.5F							1									200		200		
		39	B13	20	4.0	4.0	CORR.5F						2										400			800	
		40	R14	20	4.0	4.0	SERVICE LOBBY / HOUSEKEEPING 5F							2									200	400			
		41	Y14	20	4.0	4.0	HOUSE KEEPING D.W 5F									1							1500		1500		
		42	B14	20	4.0	4.0	CORR.5F						1	1									400 / 200			600	
	40 A 4P 30mA ELCB-8	**43**	R15	20	4.0	4.0	CORR.6F							1									200	200			
		44	Y15	20	4.0	4.0	CORR.6F							1									200		200		
		45	B15	20	4.0	4.0	CORR.6F						2										400			800	
		46	R16	20	4.0	4.0	SERVICE LOBBY / HOUSEKEEPING. 6F							2									200	400			
		47	Y16	20	4.0	4.0	HOUSE KEEPING D.W 6F									1							1500		1500		
		48	B16	20	4.0	4.0	CORR.6F						1	1									400 / 200			600	
	40 A 4P 30mA ELCB-9	**49**	R17	20	4.0	4.0	CORR.7F							1									200	200			
		50	Y17	20	4.0	4.0	CORR.7F							1									200		200		
		51	B17	20	4.0	4.0	CORR.7F						2										400			800	
		52	R18	20	4.0	4.0	HOUSE KEEPING D.W 7F									1							1500	1500			
		53	Y18	20	4.0	4.0	SERVICE LOBBY / HOUSEKEEPING. 7F							2									200		400		
		54	B18	20	4.0	4.0	CORR.7F						1	1									400 / 200			600	
	40 A 4P 100mA ELCB-10	**55**	R19	20	4.0	4.0	SERVICE LOBBY-5F															1	500	500			
		56	Y19	20	4.0	4.0	LIFT LOBBY-5F															1	500		500		
		57	B19				SPACE																				
	40 A 4P 100mA ELCB-11	**58**	R20	20	4.0	4.0	SERVICE LOBBY-6F															1	500	500			
		59	Y20	20	4.0	4.0	LIFT LOBBY-6F															1	500		500		
		60	B20				SPACE																				
	40 A 4P 100mA ELCB-12	**61**	R21	20	4.0	4.0	SERVICE LOBBY-7F															1	500	500			
		62	Y21																								
		63	B21	20	4.0	4.0	LIFT LOBBY-7F															1	500			500	
	40A 4P 30mA ELCB-13	**64**	R22	20	4.0	4.0	HOUSEKEEPING 5F						1										200	200			3-PHASE SOCKET
		65	Y22	20	4.0	4.0	HOUSEKEEPING 6F						1										200		200		3-PHASE SOCKET
		66	B22	20	4.0	4.0	HOUSEKEEPING 7F						1										200			200	3-PHASE SOCKET
																								8,650	**8,600**	**8,760**	**26.01**
CABLE SIZE:1X4C 25 Sqmm-XLPE/PVC +1X1C,16 SqmmCu as ECC																											kW
																										A	**47.609**
																											AT PF 0.8

LTG=Lights, C.FAN =Ceiling Fan, Ex.FAN =Exhaust Fan. CH =Chandlier.
W.H. =Water Heater, SB = Sign Board, WAC =Window AC SAC =Split AC. FCU=Fan Coil Unit

PROJECT: PROPOSED G+5P+14+HC DELUXE HOTEL APARTEMENTS

OWNER NAME :

DB-CODE : **EDB-8F**

LOAD DISTRIBUTION SCHEDULE

LOCATION OF DB : ***ELE RM-8F***

FEEDING FROM : **ESMDB**

RATING OF INCOMER	RATING of ELCB 4P	SR. NO.	CKT	MCB RTG AMP	CCT WIRE MM2	ECC WIRE MM2	ELECTRICAL POINTS DESCRIPTION. ROOM/AREA	LTG	LTG	STRP LTG/M	FAN Ex.	Cha-ndlier	TWIN 13A	SSO 13A	W.H	MD	DOOR BELL	SB	CCU 45A	20A 15A	W. AC	S. AC	FCU AC	UNIT WATTS	LOAD PER CIRCUIT R	WATTS Y	B	REMARKS
40A TP ISO	40 A 4P 100mA ELCB-1	1	R1	10	2.5	2.5	ELE/TEL 8F	3																100	300			
		2	Y1	10	2.5	2.5	CORR.8F	2		7m														50 / 20		240		
		3	B1	10	2.5	2.5	CORR.8F	7																50			350	
		4	R2	10	2.5	2.5	CORR.8F	6																50	300			
		5	Y2	10	2.5	2.5	CORR.8F	2		3.5														50 / 20		170		
		6	B2	10	2.5	2.5	CORR.8F	2																50			100	
	40 A 4P 100mA ELCB-2	7	R3	10	2.5	2.5	CORR.8F	2		7m														50 / 20	240			
		8	Y3	10	2.5	2.5	CORR.8F	5																50		250		
		9	B3	10	2.5	2.5	CORR.8F			4m														25			100	
		10	R4	10	2.5	2.5	CORR.8F	2		1m														50 / 20	120			
		11	Y4	10	2.5	2.5	STAIR-1(8F-10F)	6																50		300		
		12	B4	10	2.5	2.5	STAIR-2(8F-10F)	6																50			300	
	40 A 4P 100mA ELCB-3	13	R5	10	2.5	2.5	ELE/TEL 9F	3																100	300			
		14	Y5	10	2.5	2.5	CORR.9F	2		7m														50 / 20		240		
		15	B5	10	2.5	2.5	CORR.9F	7																50			350	
		16	R6	10	2.5	2.5	CORR.9F	6																50	300			
		17	Y6	10	2.5	2.5	CORR.9F	2		3.5														50 / 20		170		
		18	B6	10	2.5	2.5	CORR.9F	2																50			100	
	40 A 4P 100mA ELCB-4	19	R7	10	2.5	2.5	CORR.9F	2		7m														50 / 20	240			
		20	Y7	10	2.5	2.5	CORR.9F	5																50		250		
		21	B7	10	2.5	2.5	CORR.9F			4m														25			100	
		22	R8	10	2.5	2.5	CORR.9F	2		1m														50 / 20	120			
		23	Y8	10			EMERGENCY LIGHT	30																10		300		
		24	B8	10			EMERGENCY LIGHT	25																10			250	
	40 A 4P 100mA ELCB-5	25	R9	10	2.5	2.5	ELE/TEL 10F	3																100	300			
		26	Y9	10	2.5	2.5	CORR.10F	2		7m														50 / 20		240		
		27	B9	10	2.5	2.5	CORR.10F	7																50			350	
		28	R10	10	2.5	2.5	CORRIDOR 10F	6																50	300			
		29	Y10	10	2.5	2.5	CORRIDOR 10F	2		3.5														50 / 20		170		
		30	B10	10	2.5	2.5	CORRIDOR 10F	2																50			100	
	40 A 4P 100mA ELCB-6	31	R11	10	2.5	2.5	CORRIDOR 10F	2		7m														50 / 20	240			
		32	Y11	10	2.5	2.5	CORRIDOR 10F	5																50		250		
		33	B11	10	2.5	2.5	CORRIDOR 10F			4m														25			100	
		34	R12	10	2.5	2.5	CORRIDOR 10F	2		1m														50 / 20	120			
		35	Y12	10			EMERGENCY LIGHT	30																10		300		
		36	B12	10			EMERGENCY LIGHT	25																10			250	
	40 A 4P 30mA ELCB-7	37	R13	20	4.0	4.0	ELE RM 8F							1										200	200			
		38	Y13	20	4.0	4.0	TEL RM 8F						1	1										200 / 400		600		
		39	B13	20	4.0	4.0	ELE RM 10F							1										200			200	
		40	R14	20	4.0	4.0	ELE RM 9F							1										200	200			
		41	Y14	20	4.0	4.0	TEL RM 9F						1											400		400		
		42	B14	20	4.0	4.0	TEL RM 10F						1											400			400	
																									3,280	3,880	3,050	10.21 kW

CABLE SIZE:1X4C 16 Sqmm-XLPE/PVC +1X1C,16 SqmmCu as ECC

LTG=Lights, C.FAN =Ceiling Fan, Ex.FAN =Exhaust Fan. CH =Chandlier.

W.H. =Water Heater, SB = Sign Board, WAC =Window AC SAC =Split AC. FCU=Fan Coil Unit

A **21.087**

AT PF 0.8

PROJECT: PROPOSED G+5P+14+HC DELUXE HOTEL APARTEMENTS

OWNER NAME :

DB-CODE : **DB-8F**

LOAD DISTRIBUTION SCHEDULE

LOCATION OF DB : ***ELE RM-8F***

FEEDING FROM : **SMDB-FF**

RATING OF INCOMER	RATING of ELCB 4P	SR. NO.	CKT	MCB RTG AMP	CCT WIRE MM2	ECC WIRE MM2	ELECTRICAL POINTS DESCRIPTION. ROOM/AREA	LTG	LTG	STRP LTG/M	FAN Ex.	Cha-ndlier	TWIN 13A	SSO 13A	W.H		DOOR BELL	SB	CCU 45A	20A 15A	W. AC	S. AC	FCU AC	UNIT WATTS	LOAD PER CIRCUIT R	WATTS Y	B	REMARKS
	40 A 4P 100mA ELCB-1	1	R1	10	2.5	2.5	CORR.8F	5																50	250			
		2	Y1	10	2.5	2.5	CORR.8F	6																50		300		
		3	B1	10	2.5	2.5	CORR.8F	7																50			350	
		4	R2	10	2.5	2.5	CORR.8F			30m														20	600			
		5	Y2	10	2.5	2.5	CORR.8F			30m														20		600		
		6	B2	10	2.5	2.5	CORR.8F	1		40m														550			550	
	40 A 4P 100mA ELCB-2	7	R3	10	2.5	2.5	SERVICE LOBBY.8F	5																50	250			
		8	Y3	10	2.5	2.5	LIFT LOBBY.8F	2																50		100		
		9	B3	10	2.5	2.5	LIFT LOBBY.8F	4		2m														50 / 20			220	
		10	R4	10	2.5	2.5	TEL/HOUSEKEEPING.8F	4																100 /50	250			
		11	Y4	10	2.5	2.5	LIFT LOBBY.8F	4																50		200		
		12	B4																									
	40 A 4P 100mA ELCB-3	13	R5	10	2.5	2.5	CORR.9F	5																50	250			
		14	Y5	10	2.5	2.5	CORR.9F	6																50		300		
		15	B5	10	2.5	2.5	CORR.9F	7																50			350	
		16	R6	10	2.5	2.5	CORR.9F			30m														20	600			
		17	Y6	10	2.5	2.5	CORR.9F			30m														20		600		
		18	B6	10	2.5	2.5	CORR.9F	1		40m														550			550	
	40 A 4P 100mA ELCB-4	19	R7	10	2.5	2.5	SERVICE LOBBY.9F	5																50	250			
		20	Y7	10	2.5	2.5	LIFT LOBBY.9F	2																50		100		
		21	B7	10	2.5	2.5	LIFT LOBBY.9F	4		2m														50 / 20			220	
		22	R8	10	2.5	2.5	TEL/HOUSEKEEPING.9F	4																100 /50	250			
		23	Y8	10	2.5	2.5	LIFT LOBBY.9F	4																50		200		
		24	B8																									
	40 A 4P 100mA ELCB-5	25	R9	10	2.5	2.5	CORRIDOR 10F	5																50	250			
		26	Y9	10	2.5	2.5	CORRIDOR 10F	6																50		300		
		27	B9	10	2.5	2.5	CORRIDOR 10F	7																50			350	
		28	R10	10	2.5	2.5	CORRIDOR 10F			30m														20	600			
		29	Y10	10	2.5	2.5	CORRIDOR 10F			30m														20		600		
		30	B10	10	2.5	2.5	CORRIDOR 10F	1		40m														550			550	

63A TP ISO	40 A 4P 100mA ELCB-6	**31**	R11	10	2.5	2.5	SERVICE LOBBY.10F	5															50	250			
		32	Y11	10	2.5	2.5	LIFT LOBBY.10F	2															50		100		
		33	B11	10	2.5	2.5	LIFT LOBBY.10F	4		2m													50 / 20			220	
		34	R12	10	2.5	2.5	TEL/HOUSEKEEPING.10F	4															100 /50	250			
		35	Y12	10	2.5	2.5	LIFT LOBBY.10F	4															50		200		
		36	B12																								
	40 A 4P 30mA ELCB-7	**37**	R13	20	4.0	4.0	CORR.8F							1									200	200			
		38	Y13	20	4.0	4.0	CORR.8F							1									200		200		
		39	B13	20	4.0	4.0	CORR.8F						2										400			800	
		40	R14	20	4.0	4.0	SERVICE LOBBY / HOUSEKEEPING 8F							2									200	400			
		41	Y14	20	4.0	4.0	HOUSE KEEPING D.W 8F									1							1500		1500		
		42	B14	20	4.0	4.0	CORR.8F						1	1									400 / 200			600	
	40 A 4P 30mA ELCB-8	**43**	R15	20	4.0	4.0	CORR.9F							1									200	200			
		44	Y15	20	4.0	4.0	CORR.9F							1									200		200		
		45	B15	20	4.0	4.0	CORR.9F						2										400			800	
		46	R16	20	4.0	4.0	SERVICE LOBBY / HOUSEKEEPING. 9F							2									200	400			
		47	Y16	20	4.0	4.0	HOUSE KEEPING D.W 9F									1							1500		1500		
		48	B16	20	4.0	4.0	CORR.9F						1	1									400 / 200			600	
	40 A 4P 30mA ELCB-9	**49**	R17	20	4.0	4.0	CORR.10F							1									200	200			
		50	Y17	20	4.0	4.0	CORR.10F							1									200		200		
		51	B17	20	4.0	4.0	CORR.10F						2										400			800	
		52	R18	20	4.0	4.0	HOUSE KEEPING D.W 10F									1							1500	1500			
		53	Y18	20	4.0	4.0	SERVICE LOBBY / HOUSEKEEPING. 10F							2									200		400		
		54	B18	20	4.0	4.0	CORR.10F						1	1									400 / 200			600	
	40 A 4P 100mA ELCB-10	**55**	R19	20	4.0	4.0	SERVICE LOBBY-8F															1	500	500			
		56	Y19	20	4.0	4.0	LIFT LOBBY-8F															1	500		500		
		57	B19				SPACE																				
	40 A 4P 100mA ELCB-11	**58**	R20	20	4.0	4.0	SERVICE LOBBY-9F															1	500	500			
		59	Y20																								
		60	B20	20	4.0	4.0	LIFT LOBBY-9F															1	500			500	
	40 A 4P 100mA ELCB-12	**61**	R21	20	4.0	4.0	SERVICE LOBBY-10F															1	500	500			
		62	Y21																								
		63	B21	20	4.0	4.0	LIFT LOBBY-10F															1	500			500	
	40 A 4P 30mA ELCB-13	**64**	R22	20	4.0	4.0	HOUSEKEEPING 5F						1										200	200			3-PHASE SOCKET
		65	Y22	20	4.0	4.0	HOUSEKEEPING 6F						1										200		200		3-PHASE SOCKET
		66	B22	20	4.0	4.0	HOUSEKEEPING 7F						1										200			200	3-PHASE SOCKET
																								8,650	**8,300**	**8,760**	**25.71**
CABLE SIZE:1X4C 25 Sqmm-XLPE/PVC +1X1C,16 SqmmCu as ECC																											kW
																										A	**47.609**
																											AT PF 0.8

LTG=Lights, C.FAN =Ceiling Fan, Ex.FAN =Exhaust Fan. CH =Chandlier.
W.H. =Water Heater, SB = Sign Board, WAC =Window AC SAC =Split AC. FCU=Fan Coil Unit

PROJECT: PROPOSED G+5P+14+HC DELUXE HOTEL APARTEMENTS OWNER NAME :. LOCATION OF DB : ***11 F***

DB-CODE : **EDB-11F** LOAD DISTRIBUTION SCHEDULE

FEEDING FROM : **ESMDB**

RATING OF INCOMER	RATING of ELCB 4P	SR. NO.	CKT	MCB RTG AMP	CCT WIRE MM2	ECC WIRE MM2	ELECTRICAL POINTS DESCRIPTION. ROOM/AREA	LTG	LTG	STRP LTG/M	FAN Ex.	Cha-ndlier	TWIN 13A	SSO 13A	W.H		DOOR BELL	SB	CCU 45A	20A 15A	W. AC	S. AC	FCU AC	UNIT WATTS	LOAD PER CIRCUIT WATTS R	Y	B	REMARKS
63A TP ISO	40 A 4P 100mA ELCB-1	1	R1	10	2.5	2.5	ELE/TEL 11F	3																100	300			
		2	Y1	10	2.5	2.5	CORR.11F	2		7m														50 / 20		240		
		3	B1	10	2.5	2.5	CORR.11F	7																50			350	
		4	R2	10	2.5	2.5	CORRIDOR 11F	6																50	300			
		5	Y2	10	2.5	2.5	CORRIDOR 11F	2		3.5														50 / 20		170		
		6	B2	10	2.5	2.5	CORRIDOR 11F	2																50			100	
	40 A 4P 100mA ELCB-2	7	R3	10	2.5	2.5	CORRIDOR 11F	2		7m														50 / 20	240			
		8	Y3	10	2.5	2.5	CORRIDOR 11F	5																50		250		
		9	B3	10	2.5	2.5	CORRIDOR 11F			4m														25			100	
		10	R4	10	2.5	2.5	CORRIDOR 11F	2		1m														50 / 20	120			
		11	Y4	10	2.5	2.5	STAIRCASE-1(11F-14F)	6																50		300		
		12	B4	10	2.5	2.5	STAIRCASE-2(11F-14F)	6																50			300	
	40 A 4P 100mA ELCB-3	13	R5	10	2.5	2.5	ELE/TEL 12F	3																100	300			
		14	Y5	10	2.5	2.5	CORR.12F	2		7m														50 / 20		240		
		15	B5	10	2.5	2.5	CORR.12F	7																50			350	
		16	R6	10	2.5	2.5	CORRIDOR 12F	6																50	300			
		17	Y6	10	2.5	2.5	CORRIDOR 12F	2		3.5														50 / 20		170		
		18	B6	10	2.5	2.5	CORRIDOR 12F	2																50			100	
	40 A 4P 100mA ELCB-4	19	R7	10	2.5	2.5	CORRIDOR 12F	2		7m														50 / 20	240			
		20	Y7	10	2.5	2.5	CORRIDOR 12F	5																50		250		
		21	B7	10	2.5	2.5	CORRIDOR 12F			4m														25			100	
		22	R8	10	2.5	2.5	CORRIDOR 12F	2		1m														50 / 20	120			
		23	Y8	10			EMERGENCY LIGHT	30																10		300		
		24	B8	10			EMERGENCY LIGHT	25																10			250	
	40 A 4P 100mA ELCB-5	25	R9	10	2.5	2.5	ELE/TEL 13F	3																100	300			
		26	Y9	10	2.5	2.5	CORR.13F	2		7m														50 / 20		240		
		27	B9	10	2.5	2.5	CORR.13F	7																50			350	
		28	R10	10	2.5	2.5	CORRIDOR 13F	6																50	300			
		29	Y10	10	2.5	2.5	CORRIDOR 13F	2		3.5														50 / 20		170		
		30	B10	10	2.5	2.5	CORRIDOR 13F	2																50			100	
	40 A 4P 100mA ELCB-6	31	R11	10	2.5	2.5	CORRIDOR 13F	2		7m														50 / 20	240			
		32	Y11	10	2.5	2.5	CORRIDOR 13F	5																50		250		
		33	B11	10	2.5	2.5	CORRIDOR 13F			4m														25			100	
		34	R12	10	2.5	2.5	CORRIDOR 13F	2		1m														50 / 20	120			
		35	Y12	10			EMERGENCY LIGHT	20																10		200		
		36	B12	10			EMERGENCY LIGHT	25																10			250	
	40 A 4P 30mA ELCB-7	37	R13	20	4.0	4.0	ELE RM 11F							1										200	200			
		38	Y13	20	4.0	4.0	TEL RM 11F						1	1										200 / 400		600		
		39	B13	20	4.0	4.0	ELE RM 13F							1										200			200	
		40	R14	20	4.0	4.0	ELE RM 12F							1										200	200			
		41	Y14	20	4.0	4.0	TEL RM 12F						1											400		400		
		42	B14	20	4.0	4.0	TEL RM 13F						1											400			400	
	40 A 4P 30mA ELCB-8	43	R15	30	4.0	4.0	M.DAMPER(11F-R)LIFT									6								200	1200			
		44	Y15	30	4.0	4.0	M.DAMPER(11F-R) STAIR-1									5								200		1000		
		45	B15	30	4.0	4.0	M.DAMPER(11F-R)SHAFT									6								200			1200	
		46	R16	20	4.0	4.0	SPARE																	600	600			
		47	Y16	30	4.0	4.0	M.DAMPER(11F-R)HOUSKEEPING									6								200		1200		
		48	B16	30	4.0	4.0	M.DAMPER(11F-R) STAIR-2									6								200			1200	
																									5,080	5,980	5,450	16.51

CABLE SIZE:1X4C 25 Sqmm-XLPE/PVC +1X1C,16 SqmmCu as ECC kW

LTG=Lights, C.FAN =Ceiling Fan, Ex.FAN =Exhaust Fan. CH =Chandlier. **A** **32.500**

W.H. =Water Heater, SB = Sign Board, WAC =Window AC SAC =Split AC. FCU=Fan Coil Unit AT PF 0.8

PROJECT: PROPOSED G+5P+14+HC DELUXE HOTEL APARTEMENTS OWNER NAME :

DB-CODE : **DB-11F**

LOAD DISTRIBUTION SCHEDULE

FEEDING FROM : **SMDB-FF**

LOCATION OF DB : ***FF RM-11F***

RATING OF INCOMER	RATING of ELCB 4P	SR. NO.	CKT	MCB RTG AMP	CCT WIRE MM2	ECC WIRE MM2	ELECTRICAL POINTS DESCRIPTION. ROOM/AREA	LTG	LTG	STRP LTG/M	FAN Ex.	Cha-ndlier	TWIN 13A	SSO 13A	W.H		DOOR BELL	SB	CCU 45A	20A 15A	W. AC	S. AC	FCU AC	UNIT WATTS	LOAD PER CIRCUIT R	WATTS Y	B	REMARKS
	40 A 4P 100mA ELCB-1	1	R1	10	2.5	2.5	CORR.11F	5																50	250			
		2	Y1	10	2.5	2.5	CORR.11F	6																50		300		
		3	B1	10	2.5	2.5	CORR.11F	7																50			350	
		4	R2	10	2.5	2.5	CORR.11F			30m														20	600			
		5	Y2	10	2.5	2.5	CORR.11F			30m														20		600		
		6	B2	10	2.5	2.5	CORR.11F	1		40m														550			550	
	40 A 4P 100mA ELCB-2	7	R3	10	2.5	2.5	SERVICE LOBBY.11F	5																50	250			
		8	Y3	10	2.5	2.5	LIFT LOBBY.11F	2																50		100		
		9	B3	10	2.5	2.5	LIFT LOBBY.11F	4		2m														50 / 20			220	
		10	R4	10	2.5	2.5	TEL/HOUSEKEEPING.11F	4																100 /50	250			
		11	Y4	10	2.5	2.5	LIFT LOBBY.11F	4																50		200		
		12	B4																									
	40 A 4P 100mA ELCB-3	13	R5	10	2.5	2.5	CORR.12F	5																50	250			
		14	Y5	10	2.5	2.5	CORR.12F	6																50		300		
		15	B5	10	2.5	2.5	CORR.12F	7																50			350	
		16	R6	10	2.5	2.5	CORR.12F			30m														20	600			
		17	Y6	10	2.5	2.5	CORR.12F			30m														20		600		
		18	B6	10	2.5	2.5	CORR.12F	1		40m														550			550	
	40 A 4P 100mA ELCB-4	19	R7	10	2.5	2.5	SERVICE LOBBY.12F	5																50	250			
		20	Y7	10	2.5	2.5	LIFT LOBBY.12F	2																50		100		
		21	B7	10	2.5	2.5	LIFT LOBBY.12F	4		2m														50 / 20			220	
		22	R8	10	2.5	2.5	TEL/HOUSEKEEPING.12F	4																100 /50	250			
		23	Y8	10	2.5	2.5	LIFT LOBBY.12F	4																50		200		
		24	B8	10			EMERGENCY LIGHT	30																10			300	
	40 A 4P 100mA ELCB-5	25	R9	10	2.5	2.5	CORR.13F	5																50	250			
		26	Y9	10	2.5	2.5	CORR.13F	6																50		300		
		27	B9	10	2.5	2.5	CORR.13F	7																50			350	
		28	R10	10	2.5	2.5	CORR.13F			30m														20	600			
		29	Y10	10	2.5	2.5	CORR.13F			30m														20		600		
		30	B10	10	2.5	2.5	CORR.13F	1		40m														550			550	

63A TP ISO	40 A 4P 100mA ELCB-6	**31**	R11	10	2.5	2.5	SERVICE LOBBY.13F	5															50	250			
		32	Y11	10	2.5	2.5	LIFT LOBBY.13F	2															50		100		
		33	B11	10	2.5	2.5	LIFT LOBBY.13F	4		2m													50 / 20			220	
		34	R12	10	2.5	2.5	TEL/HOUSEKEEPING.13F	4															100 /50	250			
		35	Y12	10	2.5	2.5	LIFT LOBBY.13F	4															50		200		
		36	B12	10			EMERGENCY LIGHT	30															10			300	
	40 A 4P 30mA ELCB-7	**37**	R13	20	4.0	4.0	CORR.11F							1									200	200			
		38	Y13	20	4.0	4.0	CORR.11F							1									200		200		
		39	B13	20	4.0	4.0	CORR.11F						2										400			800	
		40	R14	20	4.0	4.0	SERVICE LOBBY / HOUSEKEEPING 11F							3									200	600			
		41	Y14	20			SPARE																500		500		
		42	B14	20	4.0	4.0	CORR.11F						1	1									400 / 200			600	
	40 A 4P 30mA ELCB-8	**43**	R15	20	4.0	4.0	CORR.12F							1									200	200			
		44	Y15	20	4.0	4.0	CORR.12F							1									200		200		
		45	B15	20	4.0	4.0	CORR.12F						2										400			800	
		46	R16	20	4.0	4.0	SERVICE LOBBY / HOUSEKEEPING. 12F							3									200	600			
		47	Y16	20			SPARE																1000		1000		
		48	B16	20	4.0	4.0	CORR.12F						1	1									400 / 200			600	
	40 A 4P 30mA ELCB-9	**49**	R17	20	4.0	4.0	CORR.13F							1									200	200			
		50	Y17	20	4.0	4.0	CORR.13F							1									200		200		
		51	B17	20	4.0	4.0	CORR.13F						2										400			800	
		52	R18	20	4.0	4.0	SERVICE LOBBY / HOUSEKEEPING. 13F							3									200	600			
		53	Y18	20			SPARE																1000		1000		
		54	B18	20	4.0	4.0	CORR.13F						1	1									400 / 200			600	
	40 A 4P 100mA ELCB-10	**55**	R19	20	4.0	4.0	SERVICE LOBBY-11F															1	500	500			
		56	Y19	20	4.0	4.0	LIFT LOBBY-11F															1	500		500		
		57	B19				SPACE																				
	40 A 4P 100mA ELCB-11	**58**	R20	20	4.0	4.0	SERVICE LOBBY-12F															1	500	500			
		59	Y20	20	4.0	4.0	LIFT LOBBY-12F															1	500		500		
		60	B20				SPACE																				
	40 A 4P 100mA ELCB-12	**61**	R21	20	4.0	4.0	SERVICE LOBBY-13F															1	500	500			
		62	Y21	20	4.0	4.0	LIFT LOBBY-13F															1	500		500		
		63	B21				SPACE																				
																								7,950	**8,200**	**8,160**	**24.31**

CABLE SIZE:1X4C 25 Sqmm-XLPE/PVC +1X1C,16 SqmmCu as ECC kW

LTG=Lights, C.FAN =Ceiling Fan, Ex.FAN =Exhaust Fan. CH =Chandlier. **A** **44.565**

W.H. =Water Heater, SB = Sign Board, WAC =Window AC SAC =Split AC. FCU=Fan Coil Unit AT PF 0.8

PROJECT: PROPOSED G+5P+14+HC DELUXE HOTEL APARTEMENTS

OWNER NAME :. LOCATION OF DB : ***ELE RM-14F***

DB-CODE : **EDB-14F**

LOAD DISTRIBUTION SCHEDULE

FEEDING FROM : **ESMDB**

RATING OF INCOMER	RATING of ELCB 4P	SR. NO.	CKT	MCB RTG AMP	CCT WIRE MM2	ECC WIRE MM2	ELECTRICAL POINTS DESCRIPTION. ROOM/AREA	LTG	LTG	STRP LTG/M	FAN Ex.	Cha-ndlier	TWIN 13A	SSO 13A	W.H		DOOR BELL	SB	CCU 45A	20A 15A	W. AC	S. AC	FCU AC	UNIT WATTS	LOAD PER CIRCUIT WATTS R	Y	B	REMARKS
40A TP ISO	40 A 4P 100mA ELCB-1	1	C1	10	2.5	2.5	ELE/TEL 14F	3																100	300			
		2	C2	10	2.5	2.5	CORR.14F	2		7m														20	190			
		3	C3	10	2.5	2.5	CORR.14F	6																50	300			
		4	C4	10	2.5	2.5	CORRIDOR 14F	6																50	300			
		5	C5	10	2.5	2.5	CORRIDOR 14F	2		3.5														50 / 20	170			
		6	C6	10	2.5	2.5	CORRIDOR 14F	2																50	100			
	40 A 4P 100mA ELCB-2	7	C7	10	2.5	2.5	CORRIDOR 14F	2		7m														50 / 20	240			
		8	C8	10	2.5	2.5	CORRIDOR 14F	5																50	250			
		9	C9	10	2.5	2.5	CORRIDOR 14F			4m														25	100			
		10	C10	10	2.5	2.5	CORRIDOR 14F	2		1m														50 / 20	120			
		11	C11	10	2.5	2.5	STAIR-1	6																50	300			
		12	C12	10	2.5	2.5	STAIR-2	6																50	300			
	40 A 4P 100mA ELCB-3	13	C13	10	2.5	2.5	SWIMM POOL SER	5																50	250			
		14	C14	10			EMERGENCY LIGHT																	10	100			
		15	C15	10	2.5	2.5	SWIMM POOL SER	5																50	250			
	40 A 4P 30mA ELCB-4	16	C16	20	4.0	4.0	ELE RM 14F							1										200	200			
		17	C17	20	4.0	4.0	TEL RM 14F						1	1										200 / 400	600			
		18	C18	20	4.0	4.0	SWIMM POOL SER							1										200	200			
																									4,270			4.27

CABLE SIZE : 3x1C 10mm2,XLPE/SWA/PVC — kW

LTG=Lights, C.FAN =Ceiling Fan, Ex.FAN =Exhaust Fan. CH =Chandlier. — **A** **23.207**

W.H. =Water Heater, SB = Sign Board, WAC =Window AC SAC =Split AC. FCU=Fan Coil Unit — AT PF 0.8

PROJECT: PROPOSED G+5P+14+HC DELUXE HOTEL APARTEMENTS

OWNER NAME :. LOCATION OF DB : ***ELE***

DB-CODE : **DB-14F**

LOAD DISTRIBUTION SCHEDULE

RM-14F

FEEDING FROM : **SMDB-FF**

RATING OF INCOMER	RATING of ELCB 4P	SR. NO.	CKT	MCB RTG AMP	CCT WIRE MM2	ECC WIRE MM2	ELECTRICAL POINTS DESCRIPTION. ROOM/AREA	LTG	LTG		FAN Ex.	Cha-ndlier	TWIN 13A	SSO 13A	W.H	GD	DOOR BELL	SB	CCU 45A	20A 15A	W. AC	S. AC	FCU AC	UNIT WATTS	LOAD PER CIRCUIT R	WATTS Y	B	REMARKS
40A TP ISO	40 A 4P 100mA ELCB-1	1	R1	10	2.5	2.5	CORR.14F	5																50	250			
		2	Y1	10	2.5	2.5	CORR.14F	6																50	300			
		3	B1	10	2.5	2.5	CORR.14F	7																50	350			
	40 A 4P 100mA ELCB-2	4	R2	10	2.5	2.5	CORR.14F		30m															20	600			
		5	Y2	10	2.5	2.5	CORR.14F		30m															20	600			
		6	B2	10	2.5	2.5	CORR.14F	1	40m															550	550			
	40 A 4P 100mA ELCB-3	7	R3	10	2.5	2.5	SERVICE LOBBY.14F	5																50	250			
		8	Y3	10	2.5	2.5	LIFT LOBBY.14F	2																50	100			
		9	B3	10	2.5	2.5	LIFT LOBBY.14F	4	2m															50 / 20	220			
	40 A 4P 100mA ELCB-4	10	R4	10	2.5	2.5	TEL/HOUSEKEEPING.14F	4																100 /50	250			
		11	Y4	10	2.5	2.5	LIFT LOBBY.14F	4																50	200			
		12	B4	10			EMERGENCY LIGHT	30																10	300			
	40 A 4P 30mA ELCB 4	13	R5	20	4.0	4.0	CORR.14F							1										200	200			
		14	Y5	20	4.0	4.0	CORR.14F							1										200	200			
		15																										
	40 A 4P 30mA ELCB 4	16	B5	20	4.0	4.0	CORR.14F						2											400	800			
		17	R6	20	4.0	4.0	SERVICE LOBBY / HOUSEKEEPING. 14F							3										200	600			
		18																										
	40 A 4P 30mA ELCB 4	19	Y6	20	4.0	4.0	SW.POOL SERVICES							1										200	200			
		20	B6	20	4.0	4.0	SW.POOL SERVICES						1	1										400 / 200	600			
		21																										
	40 A 4P 100mA ELCB-4	22	R7	20	4.0	4.0	SERVICE LOBBY-14F																1	500	500			
		23	Y7	20	4.0	4.0	LIFT LOBBY-14F																1	500	500			
		24	B7	20			SPARE																	500				
																									7,570			7.57
CABLE SIZE : 3x1C 16mm2,XLPE/SWA/PVC																												kW

LTG=Lights, C.FAN =Ceiling Fan, Ex.FAN =Exhaust Fan. CH =Chandlier. **A** **41.141**

W.H. =Water Heater, SB = Sign Board, WAC =Window AC SAC =Split AC. FCU=Fan Coil Unit AT PF 0.8

PROJECT: PROPOSED G+5P+14+HC DELUXE HOTEL APARTEMENTS

OWNER NAME :. LOCATION OF

DB-CODE : **DB-FL 1,21**

LOAD DISTRIBUTION SCHEDULE

DB : ***FLAT***

FEEDING FROM : **SMDB TYP(2-14)**

RATING OF INCOMER	RATING of ELCB 2P	SR. NO.	CKT	MCB RTG AMP	CCT WIRE MM2	ECC WIRE MM2	ELECTRICAL POINTS DESCRIPTION. ROOM/AREA	LTG	LTG		FAN Ex.	CHF	TWIN 13A	SSO 13A	W.H	GD	DOOR BELL	SHV SS	CCU 45A	20A 15A	W. AC	S. AC	FCU AC	UNIT WATTS	LOAD PER CIRCUIT R	WATTS Y	B	REMARKS
63A SP ISO	40A 2P 100mA-1	1	C1	10	2.5	2.5	BED ROOM-B1	3																10	30			
		2	C2	10	2.5	2.5	LIVING/GUEST BATH	5	2															10 /- 10	62			
		3	C3	10	2.5	2.5	BEDROOM-B2	4																10	40			
	40A 2P 100mA-2	4	C4	10	2.5	2.5	BATHROOM/PASSAGE	3	2															50/20	42			
		5	C5	10	2.5	2.5	ENT/KITCHEN	6				1												10	160			
		6	C6	10	2.5	2.5	SPARE	1																10	10			
	40A 2P 30mA-4	7	C7	20	4.0	4.0	BED ROOM-B1						2	1										400 / 200	1000			
		8	C8	20	4.0	4.0	BEDROOM-B2						2	1										400/200	1000			
		9	C9	20	4.0	4.0	LIVING						1											400	400			
	40A 2P 30mA-5	10	C10	20	4.0	4.0	BEDROOM-B1						1	1										400/200	600			GRMS
		11	C11	20	4.0	4.0	BEDROOM-B2							1										400/200	200			GRMS
		12	C12	20	4.0	4.0	LIVING						1	1										400/200	600			GRMS
	40A 2P 30mA-6	13	C13	20	4.0	4.0	BATHROOM-B2											1		1				200 / 500	700			
		14	C14	20	4.0	4.0	KITCHEN									1								50	50			
		15	C15	20	4.0	4.0	BATHROOM-B1											1		1				200 / 500	700			
	40A 2P 30mA-7	16	C16	20	4.0	4.0	KIT-WASHING M/C													1				500	500			
		17	C17	20	4.0	4.0	KIT-DISH WASHER													1				1500	1500			
		18	C18	20	4.0	4.0	KIT						1	2										200	800			
	40A 2P 30mA-8	19	C19	20	4.0	4.0	FCU-BEDROOM																1	200	200			
		20	C20	20	4.0	4.0	FCU-LIVING																1	250	250			
		21	C21	20	4.0	4.0	FCU-BEDROOM																1	200	200			
																									9,044			9.04

CABLE SIZE : 3x1C 25mm2 PVC — kW

LTG=Lights, C.FAN =Ceiling Fan, Ex.FAN =Exhaust Fan. CH =Chandlier. — **A** **49.152**

W.H. =Water Heater, SB = Sign Board, WAC =Window AC SAC =Split AC. FCU=Fan Coil Unit — AT PF 0.8

PROJECT: PROPOSED G+5P+14+HC DELUXE HOTEL APARTEMENTS

OWNER NAME :. LOCATION OF

DB-CODE : **DB-ST 7,13,14**

LOAD DISTRIBUTION SCHEDULE

DB : ***STUDIO***

FEEDING FROM : **SMDB TYP(2-13)**

RATING OF INCOMER	RATING of ELCB 4P	SR. NO.	CKT	MCB RTG AMP	CCT WIRE MM2	ECC WIRE MM2	ELECTRICAL POINTS DESCRIPTION. ROOM/AREA	LTG	LTG		FAN Ex.	CHF	TWIN 13A	SSO 13A	W.H	GD	DOOR BELL	SHV SS	CCU 45A	20A 15A	W. AC	S. AC	FCU AC	UNIT WATTS	LOAD PER CIRCUIT R	WATTS Y	B	REMARKS
40A SP ISO	40A 2P 100mA-1	1	C1	10	2.5	2.5	ENTRY/STUDIO/PANTRY	7	4.5			1												10	197			
		2	C2	10	2.5	2.5	BATHROOM	3	3.5															10	51			
		3	C3	10	2.5	2.5	SPARE	1																10	10			
	40A 2P 30mA-2	4	C4	20	4.0	4.0	STUDIO						2	1										400 - 200	1000			
		5	C5	20	4.0	4.0	PANTRY							1										200	200			
		6	C6	20	4.0	4.0	BATHROOM											1		1				200 / 500	700			SHAVER / HAIR DRYER
	40A 2P 30mA-3	7	C7	20	4.0	4.0	STUDIO						1	1										400 - 200	600			GRMS
		8	C8	20	4.0	4.0	PANTRY							2										200	400			
		9	C9	20	4.0	4.0	PANTRY									1								50	50			
	40A 2P 30mA-4	10	C10	20	4.0	4.0	PANTRY													1				500	500			
		11	C11																									
		12	C12																									
	40A 2P 100mA-5	13	C13	20	4.0	4.0	BATHROOM																1	200	200			
		14	C14																									
		15	C15																									
																									3,908			3.91

CABLE SIZE : 3x1C 10mm2,XLPE/SWA/PVC — kW

LTG=Lights, C.FAN =Ceiling Fan, Ex.FAN =Exhaust Fan. CH =Chandlier.
W.H. =Water Heater, SB = Sign Board, WAC =Window AC SAC =Split AC. FCU=Fan Coil Unit

A **21.239**

AT PF 0.8

PROJECT: PROPOSED G+5P+14+HC DELUXE HOTEL APARTEMENTS

OWNER NAME :

DB-CODE : **DB-ST (2-6,10,11,15-20)** LOAD DISTRIBUTION SCHEDULE

FEEDING FROM : **SMDB TYP(2-13)**

LOCATION OF DB : ***STUDIO***

RATING OF INCOMER	RATING of ELCB 4P	SR. NO.	CKT	MCB RTG AMP	CCT WIRE MM2	ECC WIRE MM2	ELECTRICAL POINTS DESCRIPTION. ROOM/AREA	LTG	LTG		FAN Ex.	CHF	TWIN 13A	SSO 13A	W.H	GD	DOOR BELL	SHV SS	CCU 45A	20A 15A	W. AC	S. AC	FCU AC	UNIT WATTS	LOAD PER CIRCUIT R	WATTS Y	B	REMARKS
40A SP ISO	40A 2P 100mA-1	1	C1	10	2.5	2.5	STUDIO/PANTRY	4	2.5			1												10	165			
		2	C2	10	2.5	2.5	BATHROOM	3	3.5															65			
		3	C3	10	2.5	2.5	SPARE	1																10	10			
	40A 2P 30mA-2	4	C4	20	4.0	4.0	STUDIO						2	1										400 - 200	1000			
		5	C5	20	4.0	4.0	PANTRY							1										200	200			
		6	C6	20	4.0	4.0	BATHROOM											1		1				200 / 500	700			SHAVER / HAIR DRYER
	40A 2P 30mA-3	7	C7	20	4.0	4.0	STUDIO						1	1										400 - 200	600			GRMS
		8	C8	20	4.0	4.0	PANTRY							2										200	400			
		9	C9	20	4.0	4.0	PANTRY									1								50	50			
	40A 2P 30mA-4	10	C10	20	4.0	4.0	PANTRY													1				500	500			
		11	C11																									
		12	C12																									
	40A 2P 100mA-5	13	C13	20	4.0	4.0	BATHROOM																1	200	200			
		14	C14																									
		15	C15																									
																									3,890			3.89

CABLE SIZE : 3x1C 10mm2,XLPE/SWA/PVC kW

LTG=Lights, C.FAN =Ceiling Fan, Ex.FAN =Exhaust Fan. CH =Chandlier. **A** **21.141**

W.H. =Water Heater, SB = Sign Board, WAC =Window AC SAC =Split AC. FCU=Fan Coil Unit AT PF 0.8

PROJECT: PROPOSED G+5P+14+HC DELUXE HOTEL APARTEMENTS

OWNER NAME :

DB-CODE : **DB-FL 8**

LOAD DISTRIBUTION SCHEDULE

FEEDING FROM : **SMDB TYP(2-14)**

RATING OF INCOMER	RATING of ELCB 2P	SR. NO.	CKT	MCB RTG AMP	CCT WIRE MM2	ECC WIRE MM2	ELECTRICAL POINTS DESCRIPTION. ROOM/AREA	LTG	LTG		FAN Ex.	CHF	TWIN 13A	SSO 13A	W.H	GD	DOOR BELL	SHV SS	COOKER 45A	CAN 15A	WM AC	SAC AC	FCU AC	TOTAL WATTS	LOAD PER CIRCUIT R	WATTS Y	B	REMARKS
40A SP ISO	40A 2P 100mA-1	1	C1	10	2.5	2.5	LIVING / PANTRY/ENTR	7	4			1												10	194			
		2	C2	10	2.5	2.5	BED ROOM / BATH ROOM	6	2.5															10	75			
		3	C3	10	2.5	2.5	GUEST BATH	3	2															10	42			
	40A 2P 30mA-3	4	C4	20	4.0	4.0	LIVING						1											200 / 400	400			
		5	C5	20	4.0	4.0	BEDROOM						2	1										200 / 400	1000			
		6	C6	20	4.0	4.0	BATHROOM											1		1				200 / 500	700			SHAVER / HAIR DRYER
	40A 2P 30mA-4	7	C7	20	4.0	4.0	LIVING						1	1										200 / 400	600			GRMS
		8	C8	32	4.0	4.0	BEDROOM						1	1										200 / 400	600			GRMS
		9	C9	20	4.0	4.0	KITCHEN									1								50	50			
	40A 2P 30mA-5	10	C10	20	4.0	4.0	KIT													1				500	500			
		11	C11	20	4.0	4.0	KIT							1										200	200			
		12	C12	20	4.0	4.0	KIT							3										200	600			
	40A 2P 100mA-6	13	C16	20	4.0	4.0	FCU																1	200	200			
		14	C17				SPACE																					
		15	C18	20	4.0	4.0	FCU																1	250	250			
																									5,411			5.41
CABLE SIZE : 3x1C 10mm2, PVC																												kW
																											A	29.408

LTG=Lights, C.FAN =Ceiling Fan, Ex.FAN =Exhaust Fan. CH =Chandlier.
W.H. =Water Heater, SB = Sign Board, WAC =Window AC SAC =Split AC. FCU=Fan Coil Unit

AT PF 0.8

PROJECT: PROPOSED G+5P+14+HC DELUXE HOTEL APARTEMENTS — OWNER NAME :. LOCATION OF

DB-CODE : **DB-FL 9,12** — LOAD DISTRIBUTION SCHEDULE — DB : ***FLAT***

FEEDING FROM : **SMDB TYP(2-13)**

RATING OF INCOMER	RATING of ELCB 2P	SR. NO.	CKT	MCB RTG AMP	CCT WIRE MM2	ECC WIRE MM2	ELECTRICAL POINTS DESCRIPTION. ROOM/AREA	LTG	LTG		FAN Ex.	CHF	TWIN 13A	SSO 13A	W.H	GD	DOOR BELL	SHV SS	CCU 45A	20A 15A	W. AC	S. AC	FCU AC	UNIT WATTS	LOAD PER CIRCUIT R	WATTS Y	B	REMARKS
40A SP ISO	40A 2P 100mA-1	1	C1	10	2.5	2.5	LIVING / PANTRY/ENTR	9	1			1												10	196			
		2	C2	10	2.5	2.5	BED ROOM / BATH ROOM	6	2.5															10	75			
		3	C3	10	2.5	2.5	GUEST BATH	4	1															10	46			
	40A 2P 30mA-3	4	C4	20	4.0	4.0	LIVING						1											200 / 400	400			
		5	C5	20	4.0	4.0	BEDROOM						2	1										200 / 400	1000			
		6	C6	20	4.0	4.0	BATHROOM											1		1				200 / 500	700			SHAVER / HAIR DRYER
	40A 2P 30mA-4	7	C7	20	4.0	4.0	LIVING						1	1										200 / 400	600			GRMS
		8	C8	32	4.0	4.0	BEDROOM						1	1										200 / 400	600			GRMS
		9	C9	20	4.0	4.0	KITCHEN									1								50	50			
	40A 2P 30mA-5	10	C10	20	4.0	4.0	KIT													1				500	500			
		11	C11	20	4.0	4.0	KIT							1										200	200			
		12	C12	20	4.0	4.0	KIT							3										200	600			
	40A 2P 100mA-6	13	C16	20	4.0	4.0	FCU																1	200	200			
		14	C17				SPACE																					
		15	C18	20	4.0	4.0	FCU																1	250	250			
																									5,417			5.42

CABLE SIZE : 3x1C 10mm2, PVC — kW

LTG=Lights, C.FAN =Ceiling Fan, Ex.FAN =Exhaust Fan. CH =Chandlier. — A **29.440**

W.H. =Water Heater, SB = Sign Board, WAC =Window AC SAC =Split AC. FCU=Fan Coil Unit — AT PF 0.8

PROJECT: PROPOSED G+5P+14+HC DELUXE HOTEL APARTEMENTS — OWNER NAME :

DB-CODE : **DB-FL 1,17** — LOAD DISTRIBUTION SCHEDULE — LOCATION OF DB : ***FLAT***

FEEDING FROM : **SMDB 14F**

RATING OF INCOMER	RATING of ELCB 2P	SR. NO.	CKT	MCB RTG AMP	CCT WIRE MM2	ECC WIRE MM2	ELECTRICAL POINTS DESCRIPTION. ROOM/AREA	LTG	LTG		FAN Ex.	CHF	TWIN 13A	SSO 13A	W.H	GD	DOOR BELL	SHV SS	CCU 45A	20A 15A	W. AC	S. AC	FCU AC	UNIT WATTS	LOAD PER CIRCUIT R	WATTS Y	B	REMARKS
40A SP ISO	40A 2P 100mA-1	1	C1	10	2.5	2.5	LIVING / PANTRY/ENTR	9	1			1												10	196			
		2	C2	10	2.5	2.5	BED ROOM / BATH ROOM	6	2.5															10	75			
		3	C3	10	2.5	2.5	GUEST BATH	4	1															10	46			
	40A 2P 30mA-3	4	C4	20	4.0	4.0	LIVING						1											200 / 400	400			
		5	C5	20	4.0	4.0	BEDROOM						2	1										200 / 400	1000			
		6	C6	20	4.0	4.0	BATHROOM											1		1				200 / 500	700			SHAVER / HAIR DRYER
	40A 2P 30mA-4	7	C7	20	4.0	4.0	LIVING						1	1										200 / 400	600			GRMS
		8	C8	32	4.0	4.0	BEDROOM						1	1										200 / 400	600			GRMS
		9	C9	20	4.0	4.0	KITCHEN									1								50	50			
	40A 2P 30mA-5	10	C10	20	4.0	4.0	KIT													1				500	500			
		11	C11	20	4.0	4.0	KIT							1										200	200			
		12	C12	20	4.0	4.0	KIT							3										200	600			
	40A 2P 100mA-6	13	C16	20	4.0	4.0	FCU																1	200	200			
		14	C17				SPACE																					
		15	C18	20	4.0	4.0	FCU																1	250	250			
																									5,417			5.42

CABLE SIZE : 3x1C 10mm2, PVC — kW

LTG=Lights, C.FAN =Ceiling Fan, Ex.FAN =Exhaust Fan. CH =Chandlier. — A **29.440**

W.H. =Water Heater, SB = Sign Board, WAC =Window AC SAC =Split AC. FCU=Fan Coil Unit — AT PF 0.8

PROJECT: PROPOSED G+5P+14+HC DELUXE HOTEL APARTEMENTS — OWNER NAME :

DB-CODE : **DB-ST 7,9,10** — LOAD DISTRIBUTION SCHEDULE

FEEDING FROM : **SMDB 14F**

RATING OF INCOMER	RATING of ELCB 4P	SR. NO.	CKT	MCB RTG AMP	CCT WIRE MM2	ECC WIRE MM2	ELECTRICAL POINTS DESCRIPTION. ROOM/AREA	LTG	LTG		FAN Ex.	CHF	TWIN 13A	SSO 13A	W.H	GD	DOOR BELL	SHV SS	CCU 45A	20A 15A	W. AC	S. AC	FCU AC	UNIT WATTS	LOAD PER CIRCUIT R	WATTS Y	B	REMARKS
40A SP ISO	40A 2P 100mA-1	1	C1	10	2.5	2.5	ENTRY/STUDIO/PANTRY	7	4.5			1												10	197			
		2	C2	10	2.5	2.5	BATHROOM	3	3.5															10	51			
		3	C3	10	2.5	2.5	SPARE	1																10	10			
	40A 2P 30mA-2	4	C4	20	4.0	4.0	STUDIO						2	1										400 - 200	1000			
		5	C5	20	4.0	4.0	PANTRY							1										200	200			
		6	C6	20	4.0	4.0	BATHROOM											1		1				200 / 500	700			SHAVER / HAIR DRYER
	40A 2P 30mA-3	7	C7	20	4.0	4.0	STUDIO						1	1										400 - 200	600			GRMS
		8	C8	20	4.0	4.0	PANTRY							2										200	400			
		9	C9	20	4.0	4.0	PANTRY									1								50	50			
	40A 2P 30mA-4	10	C10	20	4.0	4.0	PANTRY													1				500	500			
		11	C11																LOCATION OF DB : ***STUDIO***									
		12	C12																									
	40A 2P 100mA-5	13	C13	20	4.0	4.0	BATHROOM																1	200	200			
		14	C14																									
		15	C15																									
																									3,908			3.91

CABLE SIZE : 3x1C 10mm2,XLPE/SWA/PVC — kW

LTG=Lights, C.FAN =Ceiling Fan, Ex.FAN =Exhaust Fan. CH =Chandlier. — A 21.239

W.H. =Water Heater, SB = Sign Board, WAC =Window AC SAC =Split AC. FCU=Fan Coil Unit — AT PF 0.8

PROJECT: PROPOSED G+5P+14+HC DELUXE HOTEL APARTEMENTS — OWNER NAME :

DB-CODE : **DB-ST (2-6,11-16)** — LOAD DISTRIBUTION SCHEDULE — LOCATION OF DB : ***STUDIO***

FEEDING FROM : **SMDB 14F**

RATING OF INCOMER	RATING of ELCB 4P	SR. NO.	CKT	MCB RTG AMP	CCT WIRE MM2	ECC WIRE MM2	ELECTRICAL POINTS DESCRIPTION. ROOM/AREA	LTG	LTG		FAN Ex.	CHF	TWIN 13A	SSO 13A	W.H	GD	DOOR BELL	SHV SS	CCU 45A	20A 15A	W. AC	S. AC	FCU AC	UNIT WATTS	LOAD PER CIRCUIT R	WATTS Y	B	REMARKS
40A SP ISO	40A 2P 100mA-1	1	C1	10	2.5	2.5	STUDIO/PANTRY	4	2.5			1												10	165			
		2	C2	10	2.5	2.5	BATHROOM	3	3.5															10	65			
		3	C3	10	2.5	2.5	SPARE	1																10	10			
	40A 2P 30mA-2	4	C4	20	4.0	4.0	STUDIO						2	1										400 - 200	1000			
		5	C5	20	4.0	4.0	PANTRY							1										200	200			
		6	C6	20	4.0	4.0	BATHROOM											1		1				200 / 500	700			SHAVER / HAIR DRYER
	40A 2P 30mA-3	7	C7	20	4.0	4.0	STUDIO						1	1										400 - 200	600			GRMS
		8	C8	20	4.0	4.0	PANTRY							2										200	400			
		9	C9	20	4.0	4.0	PANTRY									1								50	50			
	40A 2P 30mA-4	10	C10	20	4.0	4.0	PANTRY													1				500	500			
		11	C11																									
		12	C12																									
	40A 2P 100mA-5	13	C13	20	4.0	4.0	BATHROOM																1	200	200			
		14	C14																									
		15	C15																									
																									3,890			3.89

CABLE SIZE : 3x1C 10mm2,XLPE/SWA/PVC — kW

LTG=Lights, C.FAN =Ceiling Fan, Ex.FAN =Exhaust Fan. CH =Chandlier. — A 21.141

W.H. =Water Heater, SB = Sign Board, WAC =Window AC SAC =Split AC. FCU=Fan Coil Unit — AT PF 0.8

PROJECT: PROPOSED G+5P+14+HC DELUXE HOTEL APARTEMENTS

OWNER NAME :

DB-CODE : **DB-SS**

LOAD DISTRIBUTION SCHEDULE

FEEDING FROM : **LVP-4**

LOCATION OF DB : ***SS***

RATING OF INCOMER	RATING of ELCB 4P	SR. NO.	CKT	MCB RTG AMP	CCT WIRE MM2	ECC WIRE MM2	ELECTRICAL POINTS DESCRIPTION. ROOM/AREA	LTG	LTG		FAN Ex.	Cha-ndlier		SSO 13A	W.H			SB	CCU 45A	20A 15A	W. AC	S. AC	FCU AC	UNIT WATTS	LOAD PER CIRCUIT R	WATTS Y	B	REMARKS
40A SP ISO.	32A	1	C1	10	2.5	2.5	SUBSTATION	10																50		500		
	2P	2	C2				SPACE																					
	100mA	3	C3	10	2.5	2.5	EMERGENCY LIGHT	4																10		40		
	32A	4	C4				SPACE																					
		5	C5	20	4.0	4.0	SUBSTATION							3										200		600		
	2P 30mA	6	C6				SPACE																					
																										1,140		1.14
CABLE SIZE : 3x1C 10mm2,XLPE/SWA/PVC																												kW
																											A	6.196

LTG=Lights, C.FAN =Ceiling Fan, Ex.FAN =Exhaust Fan. CH =Chandlier.
W.H. =Water Heater, SB = Sign Board, WAC =Window AC SAC =Split AC. FCU=Fan Coil Unit

AT PF 0.8

PROJECT: PROPOSED G+5P+14+HC DELUXE HOTEL APARTEMENTS

OWNER NAME :. LOCATION OF DB : ***ELE***

DB-CODE : **DB-HC L**

LOAD DISTRIBUTION SCHEDULE

ROOM H.C

FEEDING FROM : **SMDB-HC**

RATING OF INCOMER	RATING of ELCB 4P	SR. NO.	CKT	MCB RTG AMP	CCT WIRE MM2	ECC WIRE MM2	ELECTRICAL POINTS DESCRIPTION. ROOM/AREA	LTG	LTG	STRP LTG/M	FAN Ex.	Cha-ndlier		SSO 13A	W.H		DOOR BELL	SB	CCU 45A	20A 15A	W. AC	S. AC	FCU AC	UNIT WATTS	LOAD PER CIRCUIT R	WATTS Y	B	REMARKS
40A TP ISO	40A 4P 100mA-1	1	R1	10	2.5	2.5	MALE GYM	11																50	550			
		2	Y1	10	2.5	2.5	MALE GYM	10																50		500		
		3	B1	10	2.5	2.5	MALE GYM	8																50			400	
		4	R2	10	2.5	2.5	MALE GYM	8																50	400			
		5	Y2	10	2.5	2.5	MALE GYM			38m														20		120		
		6	B2	10	2.5	2.5	MALE GYM			6m														20			760	
	40A 4P 100mA-2	7	R3																					50				
		8	Y3	10	2.5	2.5	GYM RECEPTION	8																50		400		
		9	B3	10																								
		10	R4	10	2.5	2.5	HOUSE KEEPING	4																				
		11	Y4	10	2.5	2.5	CORRIDOR	4																50		200		
		12	B4	10	2.5	2.5	CORRIDOR	8																50			400	
	40A 4P 100mA-3	13	R5																					50				
		14	Y5	10	2.5	2.5	LIFT LOBBY	2																50		100		
		15	B5	10	2.5	2.5	CORRIDOR	2																50			100	
		16	R6	10	2.5	2.5	CORRIDOR	6																50	300			
		17	Y6	10	2.5	2.5	RECEPTION	6																50		300		
		18	B6	10	2.5	2.5	SERVICE LOBBY	3																50			150	
	40A 4P 100mA-4	19	R7	10	2.5	2.5	CORRIDOR	4																50	200			
		20	Y7	10	2.5	2.5	BABY CHANGING / JANITOR	2																50		100		
		21	B7	10	2.5	2.5	MALE TOILET	5																50			250	
		22	R8	10	2.5	2.5	CORRIDOR	3																50	150			
		23	Y8	10	2.5	2.5	JACUZI	5																50		250		
		24	B8	10	2.5	2.5	MALE TOILET	2																50			100	
	40A 4P 100mA-5	25	R9	10	2.5	2.5	FEMALE TOILET			7m														20	140			
		26	Y9	10	2.5	2.5	JACUZI	6																50		300		
		27	B9	10	2.5	2.5	MALE TOILET	1																100			100	
		28	R10	10	2.5	2.5	FEMALE TOILET	3																50	150			
		29	Y10	10	2.5	2.5	JACUZI	4																50		200		
		30	B10	10	2.5	2.5	MALE TOILET			14m														20			280	
	40A 4P 100mA-6	31	R11	10	2.5	2.5	JACUZI	6																50	300			
		32	Y11	10	2.5	2.5	JACUZI			10m														20		200		
		33	B11																					50				
		34	R12	10	2.5	2.5	JACUZI	3																50	150			
		35	Y12	10	2.5	2.5	JACUZI	3																50		150		
		36	B12																					50				
	40A 4P 100mA-7	37	R13	10	2.5	2.5	JACUZI	4																50	200			
		38	Y13	10	2.5	2.5	POOL DECK	4																50		200		CONTROL BY PHOTOCELL SENSOR
		39	B13				SPACE																					
		40	R14	10	2.5	2.5	JACUZI	5																50	250			
		41	Y14	10	2.5	2.5	SWIMMING POOL	6																50		300		
		42	B14	10	2.5	2.5	POOL DECK	6																50			300	CONTROL BY PHOTOCELL SENSOR
																									2,790	**3,320**	**2,840**	**8.95**
																												kW

CABLE SIZE : 4C 16mm2,XLPE/SWA/PVC + 1X16 mm2,G/Y,ECC.

A **18.043**

AT PF 0.8

LTG=Lights, C.FAN =Ceiling Fan, Ex.FAN =Exhaust Fan. CH =Chandlier.

W.H. =Water Heater, SB = Sign Board, WAC =Window AC SAC =Split AC. FCU=Fan Coil Unit

PROJECT: PROPOSED G+5P+14+HC DELUXE HOTEL APARTEMENTS

OWNER NAME :

DB-CODE : **EDB-H.C**

LOAD DISTRIBUTION SCHEDULE

FEEDING FROM : **ESMDB**

LOCATION OF DB : ***ELE ROOM HC***

RATING OF INCOMER	RATING of ELCB 4P	SR. NO.	CKT	MCB RTG AMP	CCT WIRE MM2	ECC WIRE MM2	ELECTRICAL POINTS DESCRIPTION. ROOM/AREA	LTG	LTG		FAN Ex.	Cha-ndlier	TWIN 13A	SSO 13A	W.H		DOOR BELL	SB	CCU 45A	20A 15A	W. AC	S. AC	FCU AC	UNIT WATTS	LOAD PER CIRCUIT R	WATTS Y	B	REMARKS
40A SP ISO	40A 2P 100mA-1	1	C1	10	2.5	2.5	CORRIODR	8																50	400			
		2	C2	10	2.5	2.5	LIFT LOBBY	4																50	200			
		3	C3	10	2.5	2.5	CHILLED WATER PUMP ROOM/TEL/GAR	4																50	200			
	40A 2P 100mA-2	4	C4	10	2.5	2.5	CORRIDOR		33m															400	400			
		5	C5	10	2.5	2.5	LIFT LOBBY	4																50	200			
		6	C6	10	2.5	2.5	ELE.RM / CORRIDOR	3																50	150			
	40A 2P 100mA-3	7	C7	10	2.5	2.5	FEMALE TOILETS	8																50	400			
		8	C8	10	2.5	2.5	LIFT LOBBY		4m															20	80			
		9	C9	10	2.5	2.5	SERVICE LOBBY	3																50	150			
	40A 2P 100mA-4	10	C10	10	2.5	2.5	FEMALE TOILETS	1																100	100			
		11	C11	10	2.5	2.5	STAIRCASE(HC-RF)-2	4																50	200			
		12	C12	10	2.5	2.5	STAIRCASE(HC-RF)-2	4																50	200			
	40A 2P 100mA-5	13	C13	10	2.5	2.5	JACUZI		14m															20	280			
		14	C14	10	2.5	2.5	RECEPTION	4	1.5m															50 / 20	230			
		15	C15	10	2.5	2.5	MALE TOILETS	8																50	400			
	40A 2P 100mA-6	16	C16	10	2.5	2.5	JACUZI		9m															20	200			
		17	C17	10	2.5	2.5	EMERGENCY LIGHT	14																10	140			
		18	C18	10	2.5	2.5	JACUZI		13m															20	260			
	40A 2P 100mA-7	19	C19				SPACE																					
		20	C20	10	2.5	2.5	SWIMMING POOL	6																100	600			
		21	C21	10	2.5	2.5	POOL DECK	5																50	250			
	40A 2P 100mA-8	22	C22	10	2.5	2.5	EMERGENCY LIGHT	10																10	100			
		23	C23	10	2.5	2.5	EMERGENCY LIGHT	26																10	260			
		24	C24				SPACE																					
	40A 2P 30mA-9	25	C25	20			SPARE																	100	100			
		26	C26				SPACE																					
		27	C27	20	4.0	4.0	HOUSEKEEPING							2										200	400			
	40A 2P 30mA-10	28	C28				SPACE																					
		29	C29	20	4.0	4.0	TELEPHONE ROOM						1	1										400 / 200	600			
		30	C30	20	4.0	4.0	ELE.RM							1										200	200			
																									6,700			6.70

CABLE SIZE : 3x1C 10mm2,XLPE/SWA/PVC

kW

LTG=Lights, C.FAN =Ceiling Fan, Ex.FAN =Exhaust Fan. CH =Chandlier.

W.H. =Water Heater, SB = Sign Board, WAC =Window AC SAC =Split AC. FCU=Fan Coil Unit

A **36.413**

AT PF 0.8

PROJECT: PROPOSED G+5P+14+HC DELUXE HOTEL APARTEMENTS

OWNER NAME :

DB-CODE : **DB-H.C P**

LOAD DISTRIBUTION SCHEDULE

FEEDING FROM : **SMDB-H.C**

LOCATION OF DB : ***ELE ROOM HC***

RATING OF INCOMER	RATING of ELCB 4P	SR. NO.	CKT	MCB RTG AMP	CCT WIRE MM2	ECC WIRE MM2	ELECTRICAL POINTS DESCRIPTION. ROOM/AREA	LTG	LTG		FAN Ex.	Cha-ndlier	TWIN 13A	SSO 13A	W.H	F.B 13A	DOOR BELL	HD	CCU 45A	20A 15A	W. AC	S. AC	FCU AC	UNIT WATTS	LOAD PER CIRCUIT WATTS R	Y	B	REMARKS
63A TP ISO	40A 4P 30mA-1	1	R1	20	4.0	4.0	MALE GYM									3								400	1200			RING
		2	Y1	20	4.0	4.0	MALE GYM									3								400		1200		RING
		3	B1	20	4.0	4.0	MALE GYM									3								400			1200	RING
		4	R2	20	4.0	4.0	MALE GYM							2										200	400			RING
		5	Y2	20	4.0	4.0	MALE GYM						2											400		800		
		6	B2	20	4.0	4.0	MALE GYM						3											400			1200	RING
	40A 4P 30mA-2	7	R3	20	4.0	4.0	CORRIDOR						3											400	1200			RING
		8	Y3	20	4.0	4.0	CORRIDOR						2											400		800		
		9	B3	20	4.0	4.0	SERVICE LIFT LOBBY						1	1										400 / 200			600	
		10	R4	20	4.0	4.0	CORRIDOR						3											400	1200			RING
		11	Y4	20	4.0	4.0	CORRIDOR						2											400		800		
		12	B4	20	4.0	4.0	MALE TOILET						2											400			800	
	40A 4P 30mA-3	13	R5	20	4.0	4.0	FEMALE TOILET											1						1000	1000			HAND DRYER
		14	Y5	20	4.0	4.0	LIFT LOBBY						2											400		800		
		15	B5	20	4.0	4.0	MALE TOILET						2											400			800	
		16	R6	20	4.0	4.0	FEMALE TOILET													1				500	500			HAIR DRYER
		17	Y6	20	4.0	4.0	RECEPTION									2								400		800		
		18	B6	20	4.0	4.0	MALE TOILET											1						1000			1000	HAND DRYER
	40A 4P 30mA-4	13	R7	20	4.0	4.0	FEMALE TOILET						3											400	1200			RING
		14	Y7	20	4.0	4.0	MALE TOILET / BABY CHANGING						3											400		1200		RING
		15	B7	20	4.0	4.0	FEMALE TOILET													1				500			500	HAIR DRYER
		16	R8	20	4.0	4.0	JACUZZI MALE						2											400	800			
		17	Y8	20	4.0	4.0	JACUZZI FEMALE						1											400		400		
		18	B8	20	4.0	4.0	DISH WASHER-HOUSE KEEPING											1						1500			1500	
	40A 4P 100mA-5	25	R9	20	4.0	4.0	GYM HC-03																1	400	400			
		26	Y9	20	4.0	4.0	GYM HC-03																1	400		400		
		27	B9	10																								
		28	R10				SPACE																					
		29	Y10	20	4.0	4.0	HAC-04 SERVICE LIFT LOBBY																1	400		400		
		30	B10	20	4.0	4.0	CORRIDOR-ELECTRICAL ROOM																1	500			500	
	40A 4P 100mA-6	31	R11	20	4.0	4.0	CH.WATER PUMP ROOM																1	100	100			
		32	Y11	20	4.0	4.0	HAC-04 LIFT LOBBY																1	400		400		
		33	B11	20	4.0	4.0	HOUSE KEEPING																1	200			200	
		34	R12																									
		35	Y12																									
		36	B12	20	4.0	4.0	LOCKER ROOM																1	400			400	
	40A 4P 30mA-7	37	R13	20	4.0	4.0	POOL AREA							4										200	800			
		38	Y13	20	4.0	4.0	POOL AREA							4										200		800		
		39	B13	20	4.0	4.0	POOL AREA							2										200			400	
		40	R14	20	4.0	4.0	HOUSE KEEPING							1										200	200			3-PHASE SOCKET
		41	Y14	20	4.0	4.0	HOUSE KEEPING							1										200		200		
		42	B14																									
																									9,000	9,000	9,100	27.10 kW

CABLE SIZE : 4C 25mm2,XLPE/SWA/PVC + 1X16 mm2,G/Y,ECC.

A 49.457 AT PF 0.8

LTG=Lights, C.FAN =Ceiling Fan, Ex.FAN =Exhaust Fan. CH =Chandlier.
W.H. =Water Heater, SB = Sign Board, WAC =Window AC SAC =Split AC. FCU=Fan Coil Unit

PROJECT: PROPOSED G+5P+14+HC DELUXE HOTEL APARTEMENTS

OWNER NAME :. LOCATION OF DB : ***ELE ROOM H.C***

DB-CODE : **DB-ROOF**

LOAD DISTRIBUTION SCHEDULE

FEEDING FROM : **SMDB-ROOF**

RATING OF INCOMER	RATING of ELCB 4P	SR. NO.	CKT	MCB RTG AMP	CCT WIRE MM2	ECC WIRE MM2	ELECTRICAL POINTS DESCRIPTION. ROOM/AREA	LTG	LTG		FAN Ex.	Cha-ndlier		SSO 13A	W.H		DOOR BELL	SB	CCU 45A	20A 15A	W. AC	20A S.P ISO	FCU AC	UNIT WATTS	LOAD PER CIRCUIT WATTS R	Y	B	REMARKS
40A TP ISO	40A 4P 100mA-1	1	R1				SPACE																					
		2	Y1	10	2.5	2.5	ELEC ROOM	2																100		200		
		3	B1	10	2.5	2.5	ELEC ROOM	3																100			300	
		2	R2	10	2.5	2.5	AIRCRAFT LIGHTS	2																100	200			
		3	Y2	10	2.5	2.5	ROOF LIGHTS		8															50		400		
		4	B2	10	2.5	2.5	AIRCRAFT LIGHTS	2																100			200	
	40A 4P 100mA-2	5	R3																									5W/1m LED STRIP
		6	Y3																									
		7	B3																									
	40A 4P 30mA-3	8	R4	20	4.0	4.0	ROOF							4										200	800			
		9	Y4	20	4.0	4.0	ROOF							4										200		800		
		10	B4	20	4.0	4.0	ROOF							4										200			800	
	40A 4P 30mA-4	11	R5	20			SPARE																	200	200			
		12	Y5	20	4.0	4.0	ELEC ROOM							1										200		200		
		13	B5	20	4.0	4.0	ELEC ROOM							1										200			200	
	40A 4P 100mA-5	14	R6				SPACE																					
		15	Y6																									UVR+TIMER
		16	B6																									UVR+TIMER
	40A 4P 100mA-6	17	R7																									UVR+TIMER
		18	Y7				SPACE																					
		19	B7				SPACE																					
																									1,200	1,600	1,500	**4.30**
CABLE SIZE : 4C 10mm2,XLPE/SWA/PVC + 1X10 mm2,G/Y,ECC.																												kW
																											A	**8.696**

LTG=Lights, C.FAN =Ceiling Fan, Ex.FAN =Exhaust Fan. CH =Chandlier.
W.H. =Water Heater, SB = Sign Board, WAC =Window AC SAC =Split AC. FCU=Fan Coil Unit

AT PF 0.8

PROJECT: PROPOSED G+5P+14+HC DELUXE HOTEL APARTEMENTS

OWNER NAME :

DB-CODE : **DB-SPV**

LOAD DISTRIBUTION SCHEDULE

FEEDING FROM : **ESMDB**

LOCATION OF DB : ***LV ROOM***

RATING OF INCOMER	RATING of ELCB 4P	SR. NO.	CKT	MCB RTG AMP	CCT WIRE MM2	ECC WIRE MM2	ELECTRICAL POINTS DESCRIPTION. ROOM/AREA	LTG	LTG		FAN Ex.	Cha-ndlier		SSO 13A	W.H	S.P ISO	DOOR BELL	SB	CCU 45A	20A 15A	W. AC	S. AC	FCU AC	UNIT WATTS	LOAD PER CIRCUIT R	WATTS Y	B	REMARKS
	40A	**1**	C1	10	2.5	2.5	RAMP LIGHT GF	8																50	400			
	2P	**2**	C2	10	2.5	2.5	RAMP LIGHT 1P	9																50	450			
	100mA-1	**3**	C3	10	2.5	2.5	RAMP LIGHT 1P	6																50	300			
	40A	**4**	C4	10	2.5	2.5	RAMP LIGHT 2P	6																50	300			
	2P	**5**	C5	10	2.5	2.5	RAMP LIGHT 2P	6																50	300			
	100mA-2	**6**	C6	10	2.5	2.5	RAMP LIGHT (3P-4P)	12																50	600			
40A SP ISO	40A	**7**	C7	10	2.5	2.5	RAMP LIGHT (3P-4P)	12																50	600			
	2P	**8**	C8	10	2.5	2.5	RAMP LIGHT 5P	4																50	200			
	100mA-3	**9**	C9	10	2.5	2.5	RAMP LIGHT 5P	6																50	300			
	40A	**10**	C10	20	4.0	4.0	GATE BARRIER									1								450	450			
	2P	**11**	C11	20	4.0	4.0	GATE BARRIER									1								450	450			
	30mA-4	**12**	C12	10			EMERGENCY LIGHT																	10	100			
																									4,450			**4.45**
CABLE SIZE : 3x1C 10mm2,XLPE/SWA/PVC																												kW
																											A	**24.185**

LTG=Lights, C.FAN =Ceiling Fan, Ex.FAN =Exhaust Fan. CH =Chandlier.
W.H. =Water Heater, SB = Sign Board, WAC =Window AC SAC =Split AC. FCU=Fan Coil Unit

AT PF 0.8

PROJECT: PROPOSED G+5P+14+HC DELUXE HOTEL APARTEMENTS

OWNER NAME :. LOCATION OF

DB-CODE : **DB-TEL**

LOAD DISTRIBUTION SCHEDULE

DB : ***MAIN TEL TOOM***

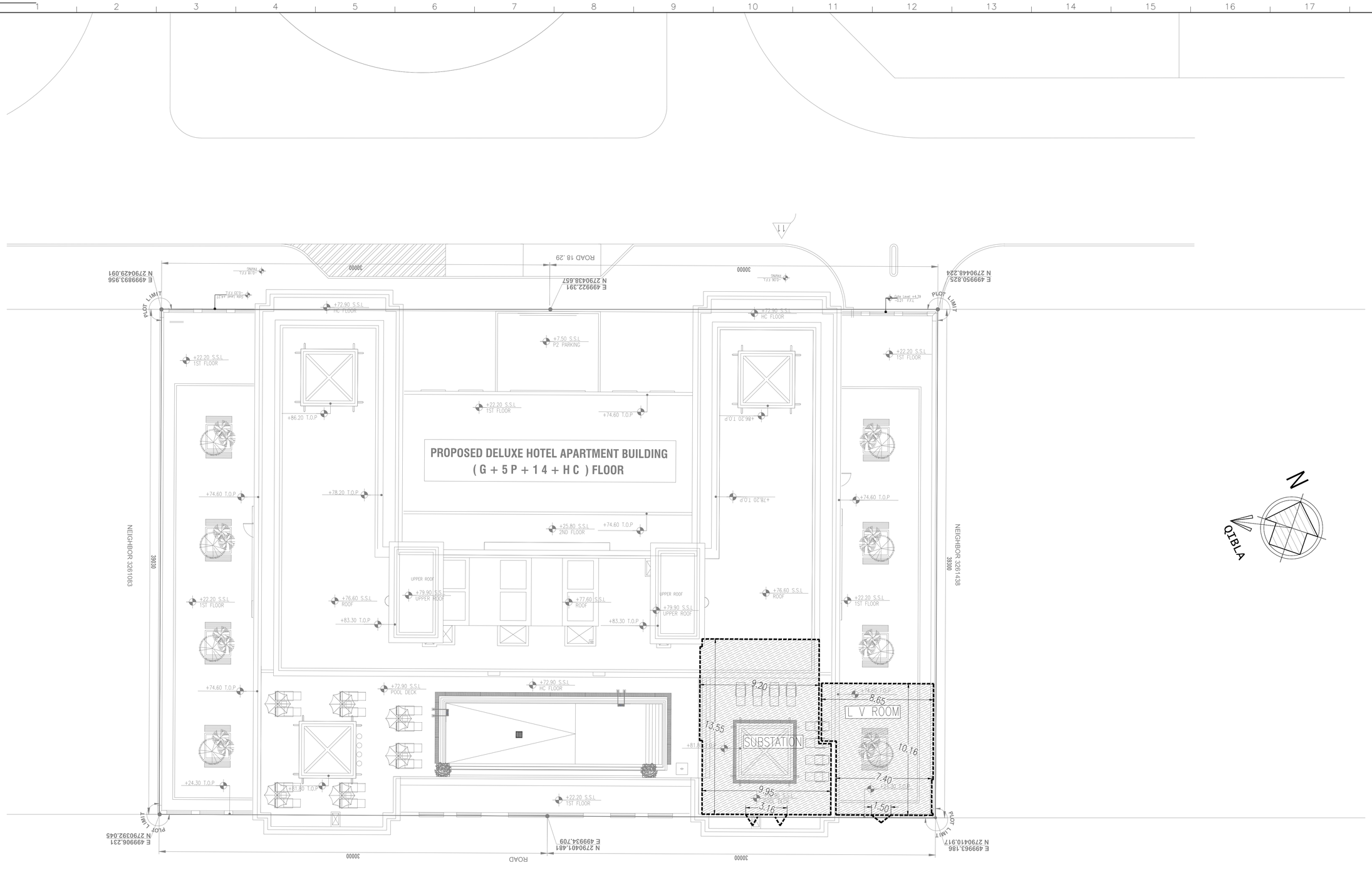
FEEDING FROM : **ESMDB**

RATING OF INCOMER	RATING of ELCB 4P	SR. NO.	CKT	MCB RTG AMP	CCT WIRE MM2	ECC WIRE MM2	ELECTRICAL POINTS DESCRIPTION. ROOM/AREA	LTG	LTG		FAN Ex.	Cha-ndlier	TWIN 13A	SSO 13A	W.H	S.P ISO	DOOR BELL	SB	CCU 45A	20A 15A	W. AC	S. AC	FCU AC	UNIT WATTS	LOAD PER CIRCUIT WATTS R	Y	B	REMARKS
	40A	1	R1	10	2.5	2.5	TEL	1																100	100			
	4P	2	Y1	10			SPARE																	200		200		
	100mA-1	3	B1	10			EMERGENCY LIGHT	2																10			20	
		4	R2	20	4.0	4.0	TEL						2											400	800			
	40A	5	Y2	20			SPARE																	1500		1500		
	4P	6	B2																									
	30mA -2	7	R3	20			PROVISIONS FOR RACKS																	1500	1500			
40A SP ISO		8	Y3	20	4.0	4.0	TEL						2											400		800		
		9	B3																									
	40A	10	R4																									
	4P	11	Y4																									
	100mA-3	12	B4	20	4.0	4.0	TEL GAC-10																1	100			100	
	40A	13	R5																									
	4P	14	Y5																									
	100mA-4	15	B5	20	6.0	4.0	TEL GAC-10 OD									1								2510			2490	
																									2,400	2,500	2,610	7.51

CABLE SIZE : 4C 10mm2,XLPE/SWA/PVC + 1X10 mm2,G/Y,ECC. kW

LTG=Lights, C.FAN =Ceiling Fan, Ex.FAN =Exhaust Fan. CH =Chandlier. **A** **14.185**

W.H. =Water Heater, SB = Sign Board, WAC =Window AC SAC =Split AC. FCU=Fan Coil Unit AT PF 0.8



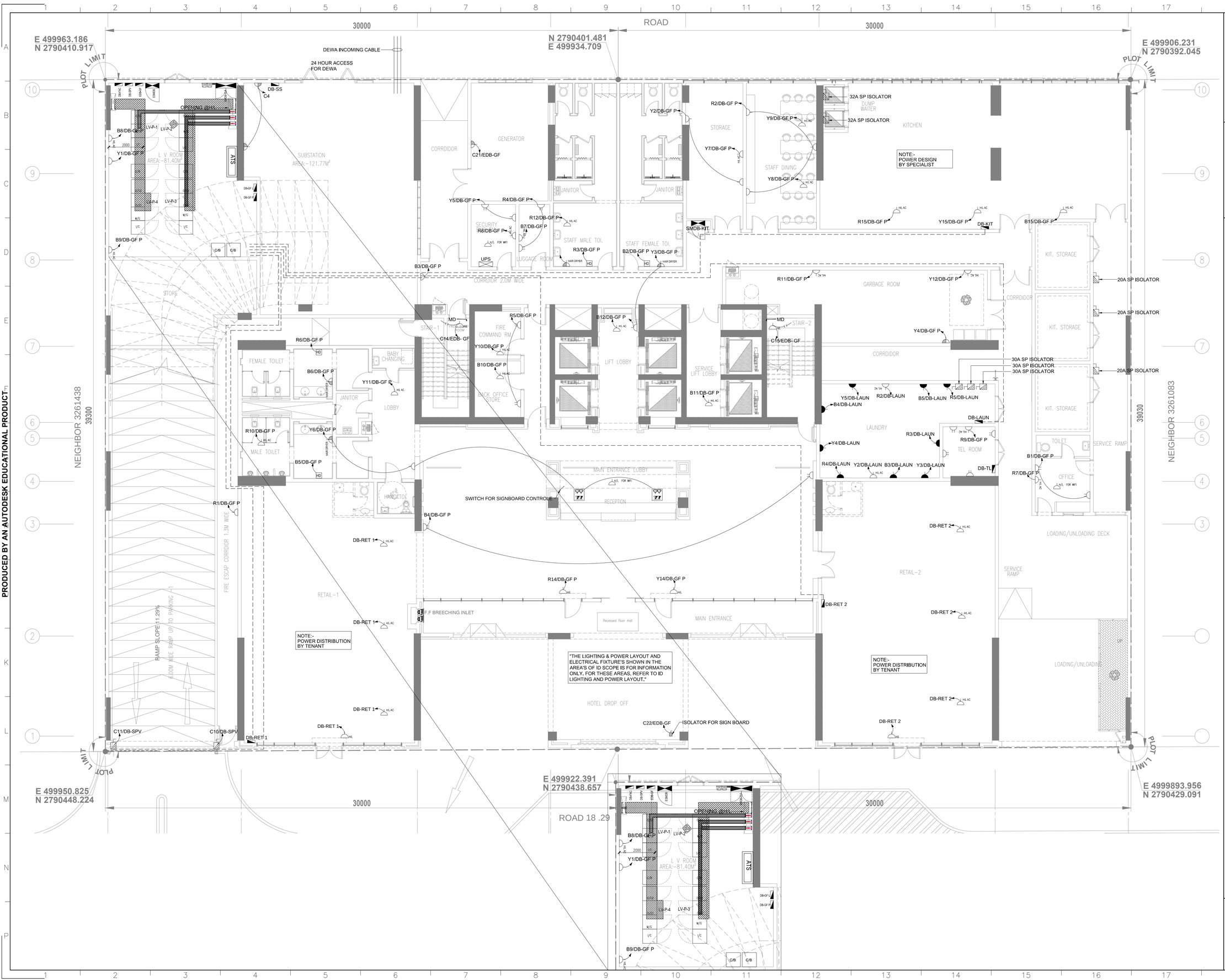
GENERAL NOTES :

PROJECT TITLE:

(L.LC)

PROPOSED [G+5P+14+HC] FLOORS DELUXE HOTEL APARTMENTS ON PLOT NO.

PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT



GENERAL NOTES :

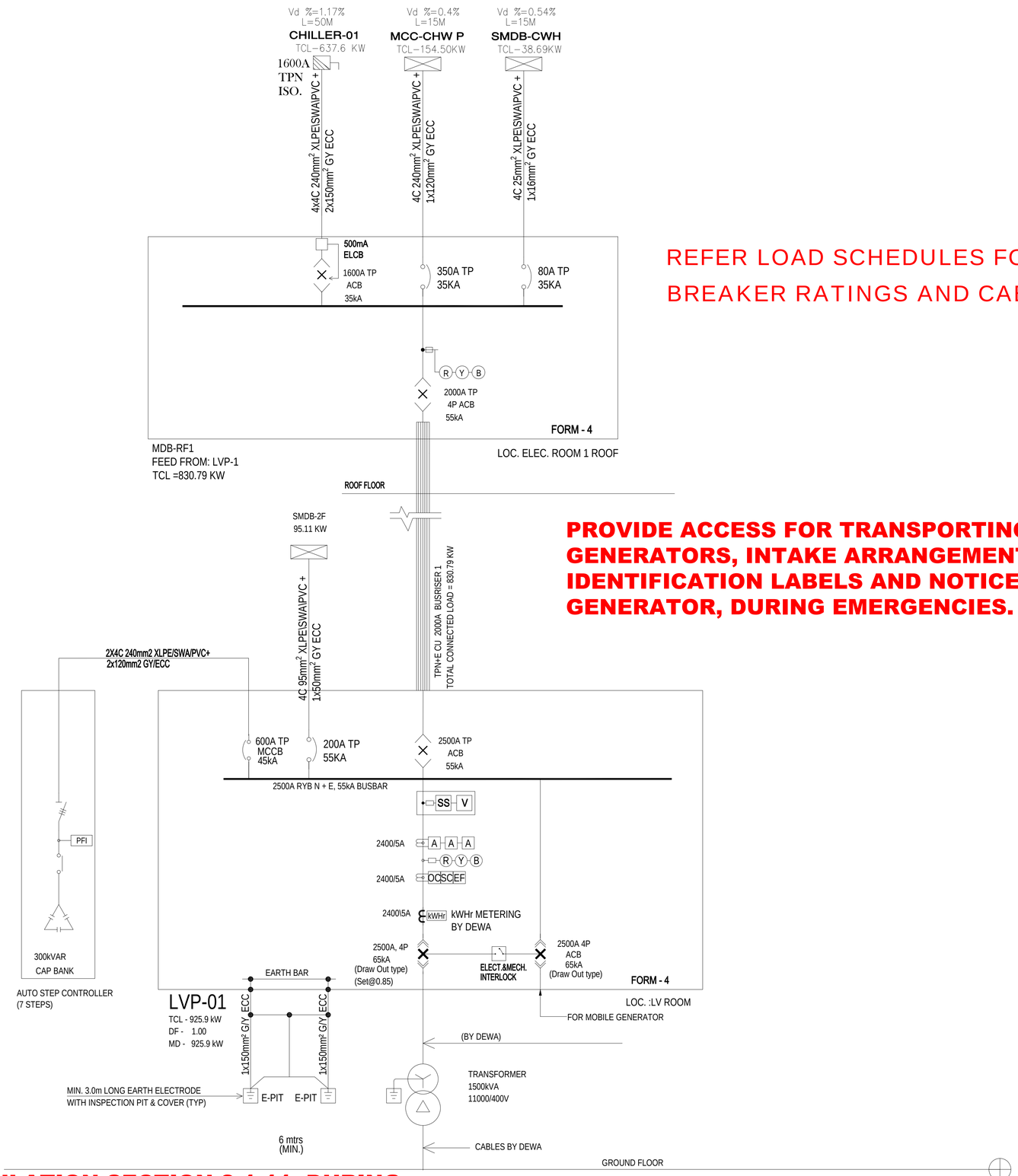
1. ALL DIMENSIONS ARE IN METRIC.
2. DO NOT SCALE FROM THIS DRAWING.
3. ALL DIMENSIONS TO BE VERIFIED ON SITE.
4. ALL MATERIALS TO BE APPROVED BY ARCHITECT/ENGINEER.
5. CONTRACTOR SHOULD SUBMIT SHOP DRAWING FOR APPROVAL.
6. THIS DRAWING TO BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL, MEP, SE, DETAILS & SPECIFICATIONS. CONTRACTOR SHALL CO-ORDINATE THESE DRAWINGS AND REPORT ANY DISCREPANCY FOR CLARIFICATION BEFORE PROCEEDING WITH WORKS.

DRAWING TITLE.

GROUND FLOOR PLAN
(BLDG. CARD-GROUND)
POWER LAYOUT

FV NO:	DRAWING NO
	1

PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT
PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT
PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT



GENERAL NOTES :

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3. ALL DIMENSIONS TO BE VERIFIED ON SITE.
4. ALL MATERIALS TO BE APPROVED BY ARCHITECT/ENGINEER.
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REFER LOAD SCHEDULES FOR COMMENTS IF ANY ON BREAKER RATINGS AND CABLE SIZES

PROVIDE ACCESS FOR TRANSPORTING & STATIONING THE MOBILE GENERATORS, INTAKE ARRANGEMENTS FOR CABLING & CONNECTION, IDENTIFICATION LABELS AND NOTICES FOR CONNECTION OF THE GENERATOR, DURING EMERGENCIES.

STRICTLY COMPLY WITH DEWA REGULATION SECTION 8.1.11, DURING INSTALLATION OF CAPACITOR BANKS IN THE PROJECT. ENSURE TO LIMIT POWER FACTOR & HARMONICS, WITHIN DEWA APPROVED VALUES, AT ALL LEVELS OF LOADS. ALSO REFER DEWA REGULATION SECTION 1.11 FOR HARMONICS AND RAPID VOLTAGE CHANGES.

SINGLE LINE DIAGRAM

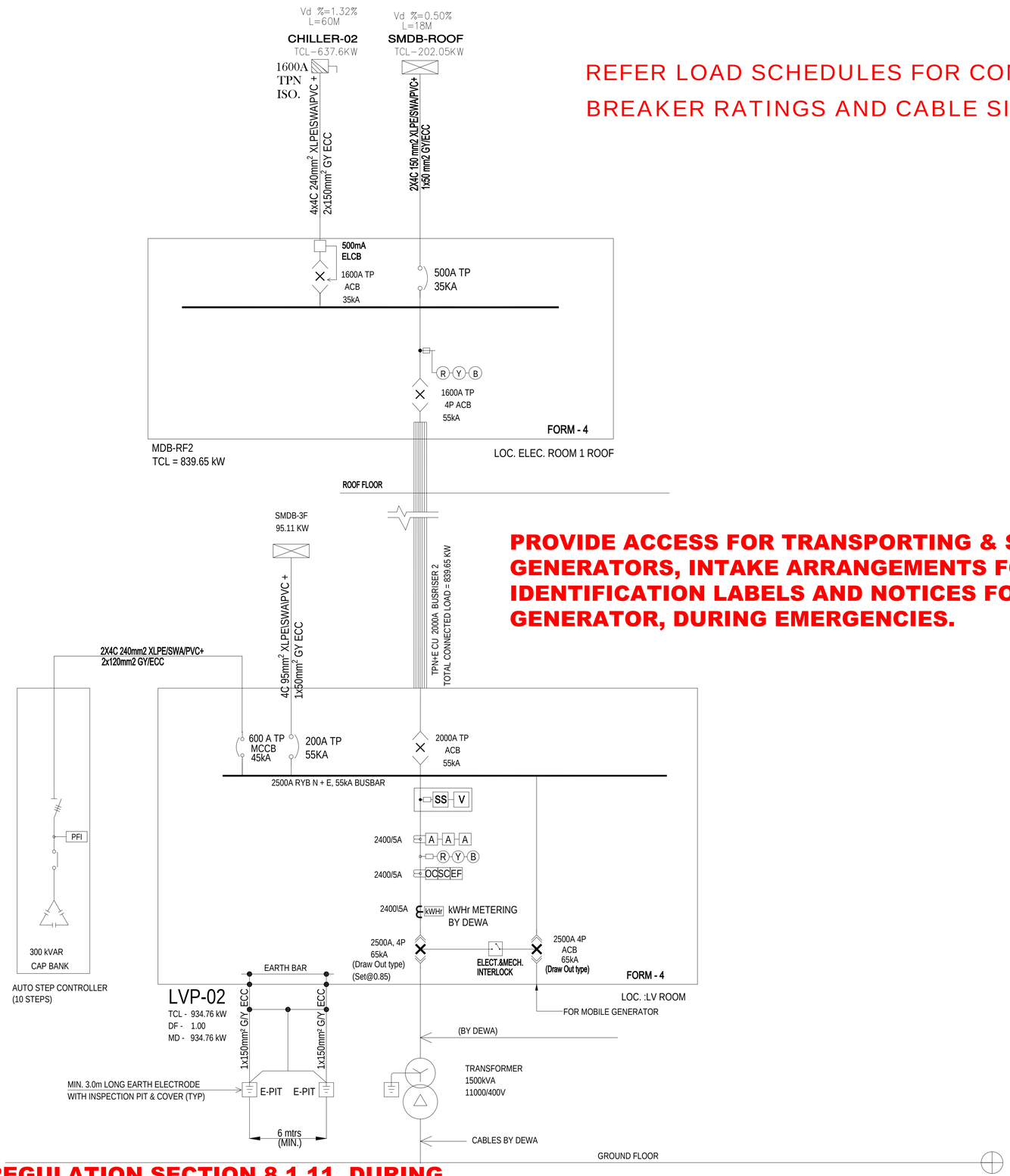
DRAWING TITLE.

SINGLE LINE DIAGRAM-1

REV. NO: 12

DRAWING NO.

REFER LOAD SCHEDULES FOR COMMENTS IF ANY ON BREAKER RATINGS AND CABLE SIZES



PROVIDE ACCESS FOR TRANSPORTING & STATIONING THE MOBILE GENERATORS, INTAKE ARRANGEMENTS FOR CABLING & CONNECTION, IDENTIFICATION LABELS AND NOTICES FOR CONNECTION OF THE GENERATOR, DURING EMERGENCIES.

STRICTLY COMPLY WITH DEWA REGULATION SECTION 8.1.11, DURING INSTALLATION OF CAPACITOR BANKS IN THE PROJECT. ENSURE TO LIMIT POWER FACTOR & HARMONICS, WITHIN DEWA APPROVED VALUES, AT ALL LEVELS OF LOADS. ALSO REFER DEWA REGULATION SECTION 1.11 FOR HARMONICS AND RAPID VOLTAGE CHANGES.

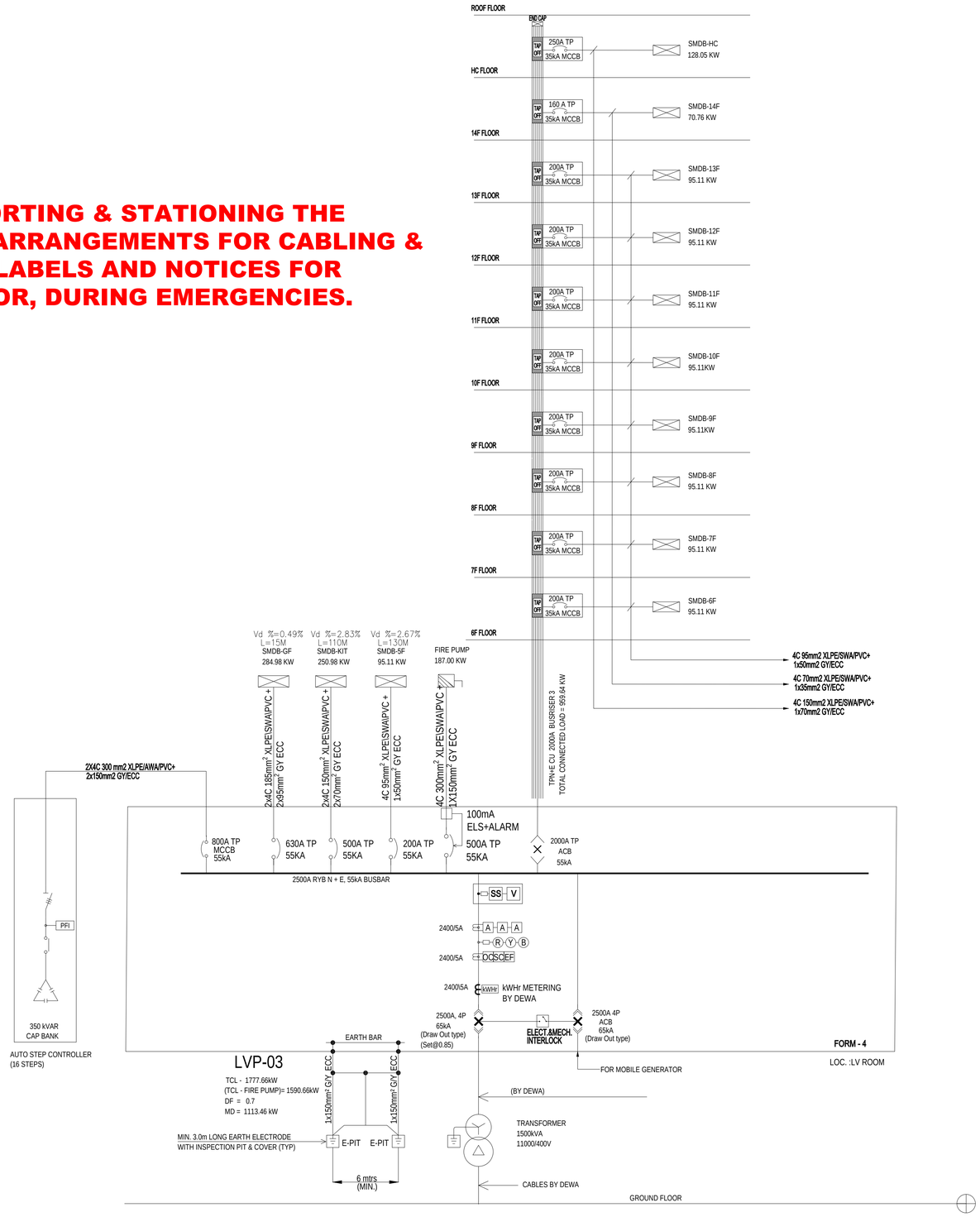
SINGLE LINE DIAGRAM

WING TITLE.

SINGLE LINE DIAGRAM-2

REFER LOAD SCHEDULES FOR COMMENTS IF ANY ON BREAKER RATINGS AND CABLE SIZES

PROVIDE ACCESS FOR TRANSPORTING & STATIONING THE MOBILE GENERATORS, INTAKE ARRANGEMENTS FOR CABLING & CONNECTION, IDENTIFICATION LABELS AND NOTICES FOR CONNECTION OF THE GENERATOR, DURING EMERGENCIES.

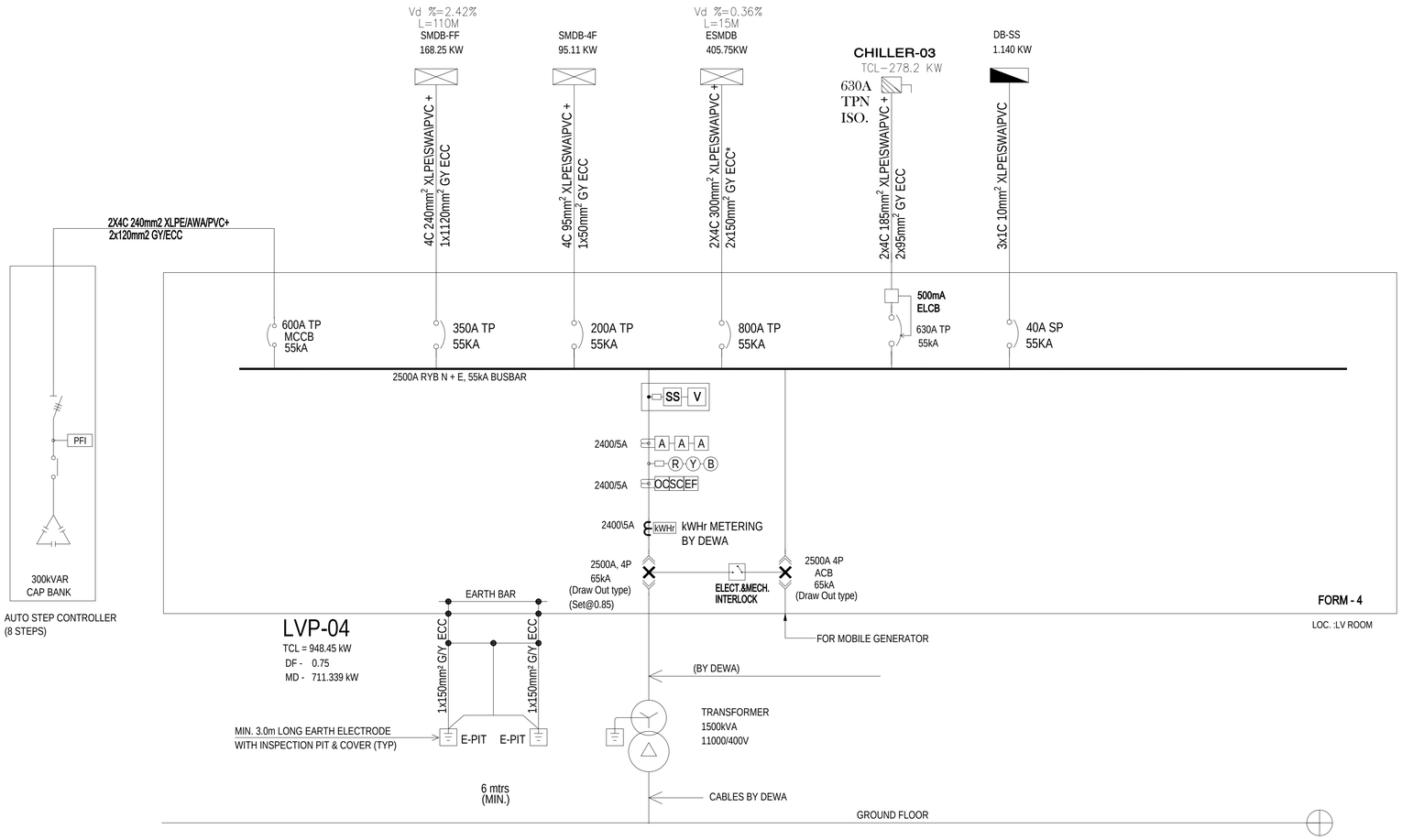


SINGLE LINE DIAGRAM

STRICTLY COMPLY WITH DEWA REGULATION SECTION 8.1.11, DURING INSTALLATION OF CAPACITOR BANKS IN THE PROJECT. ENSURE TO LIMIT POWER FACTOR & HARMONICS, WITHIN DEWA APPROVED VALUES, AT ALL LEVELS OF LOADS. ALSO REFER DEWA REGULATION SECTION 1.11 FOR HARMONICS AND RAPID VOLTAGE CHANGES.

430DXB15	DRAWING TITLE. SINGLE LINE DIAGRAM-3

REFER LOAD SCHEDULES FOR COMMENTS IF ANY ON BREAKER RATINGS AND CABLE SIZES



SINGLE LINE DIAGRAM

STRICTLY COMPLY WITH DEWA REGULATION SECTION 8.1.11, DURING INSTALLATION OF CAPACITOR BANKS IN THE PROJECT. ENSURE TO LIMIT POWER FACTOR & HARMONICS, WITHIN DEWA APPROVED VALUES, AT ALL LEVELS OF LOADS. ALSO REFER DEWA REGULATION SECTION 1.11 FOR HARMONICS AND RAPID VOLTAGE CHANGES.

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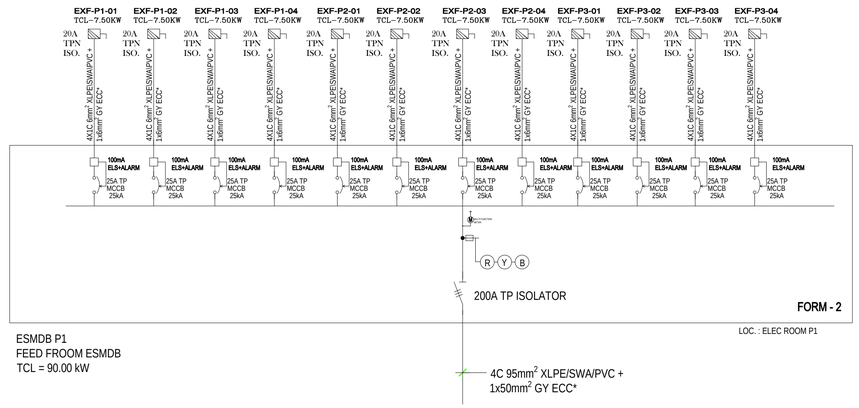
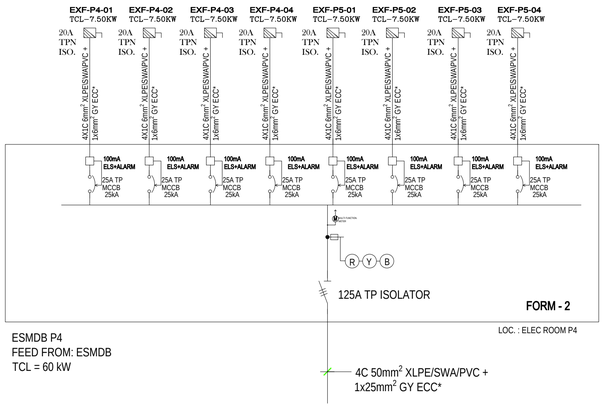
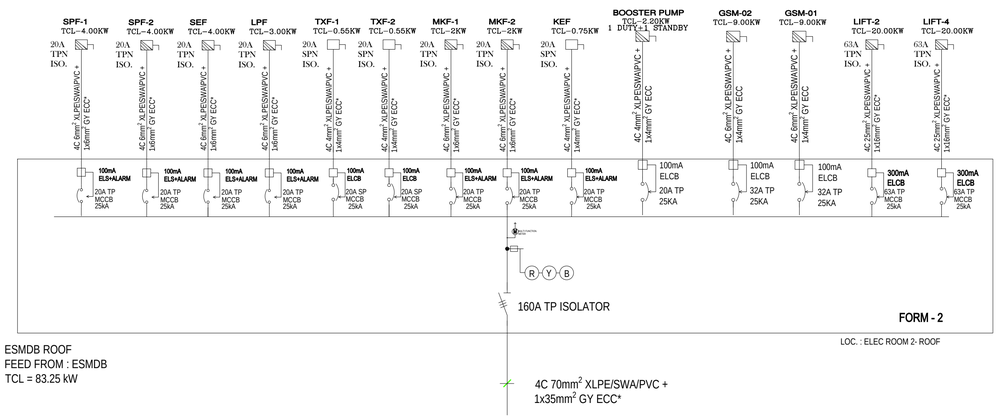
WING TITLE.

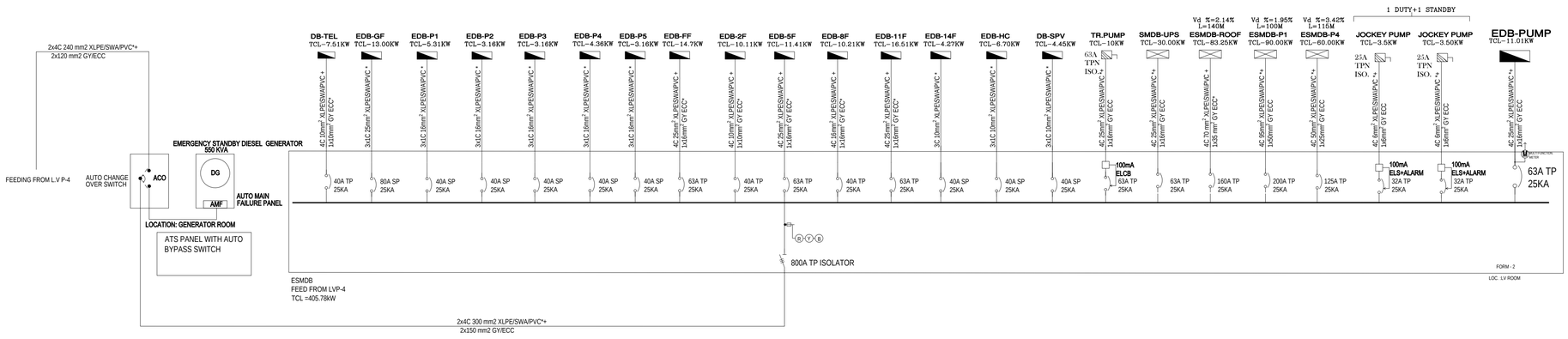
SINGLE LINE DIAGRAM-4

REFER LOAD SCHEDULES FOR COMMENTS IF ANY ON BREAKER RATINGS AND CABLE SIZES



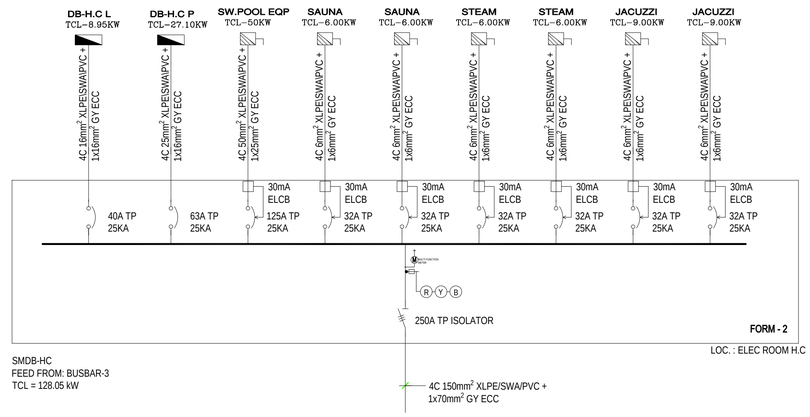


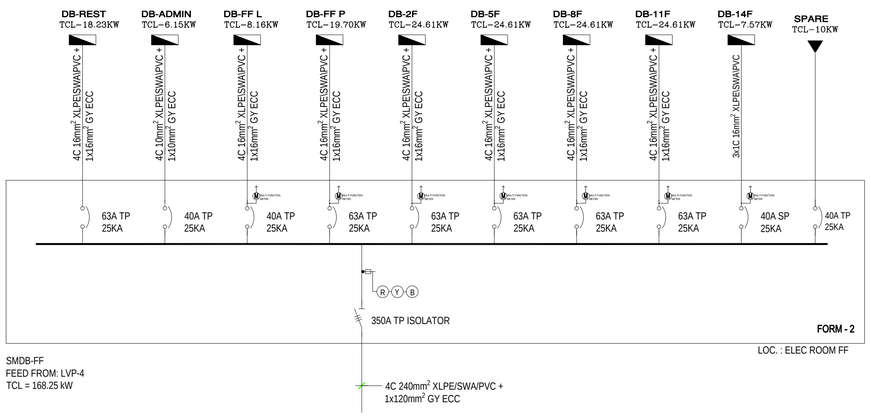


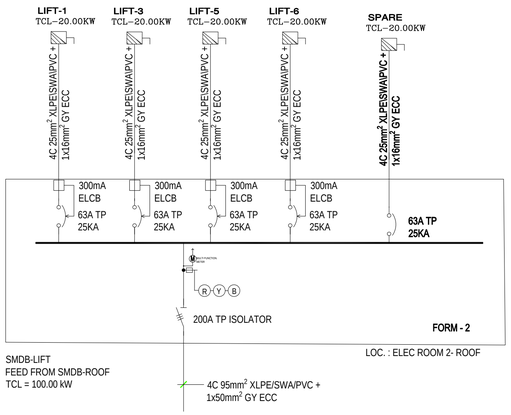


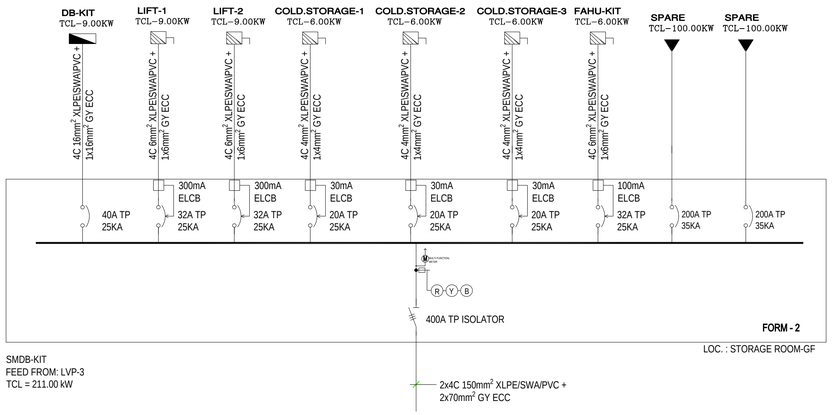
DRAWING TITLE.

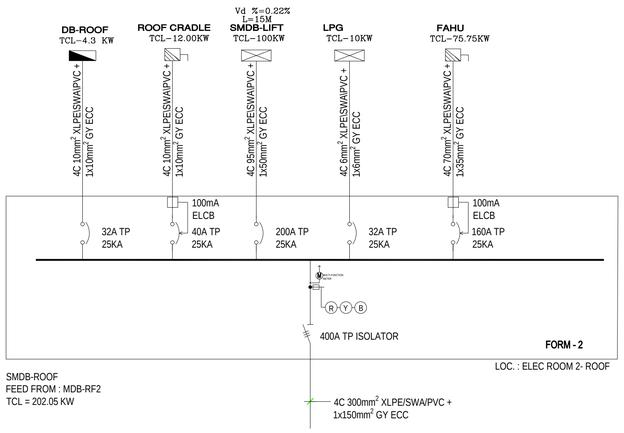
SINGLE LINE DIAGRAM-5







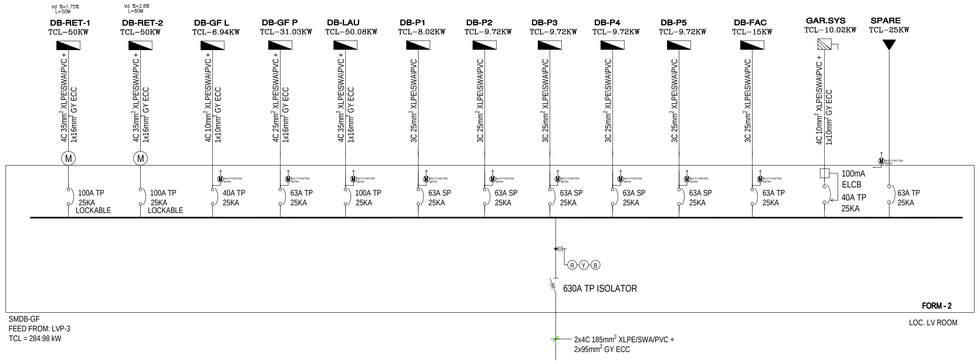


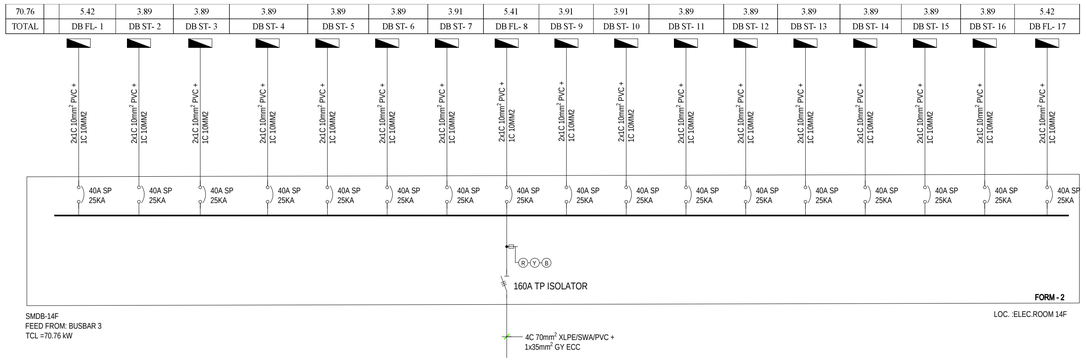


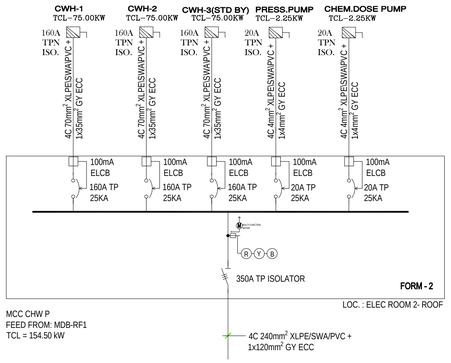
REFER LOAD SCHEDULES FOR COMMENTS IF ANY ON BREAKER RATINGS AND CABLE SIZES

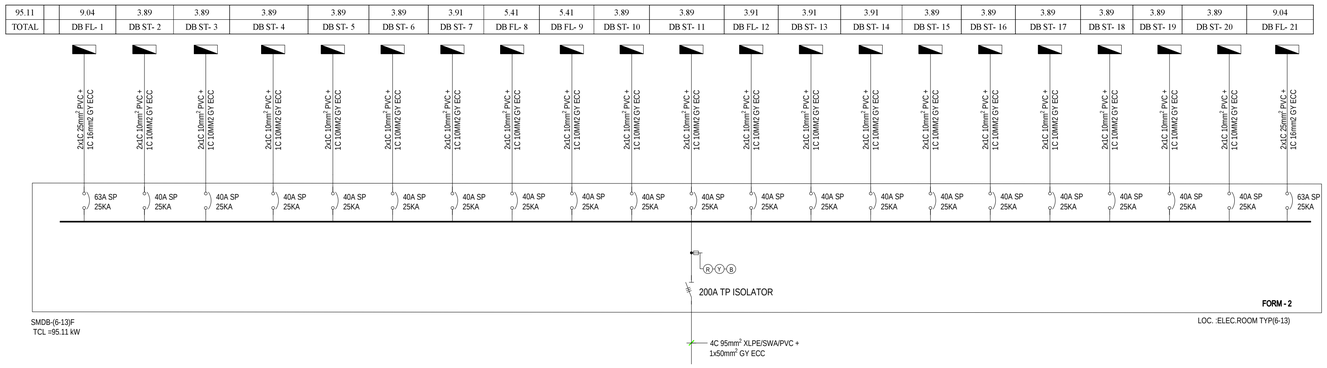
WING TITLE.

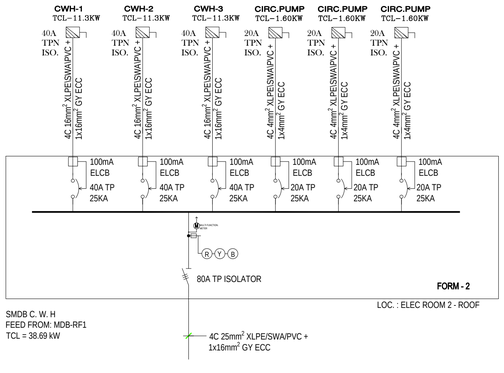
SINGLE LINE DIAGRAM-6









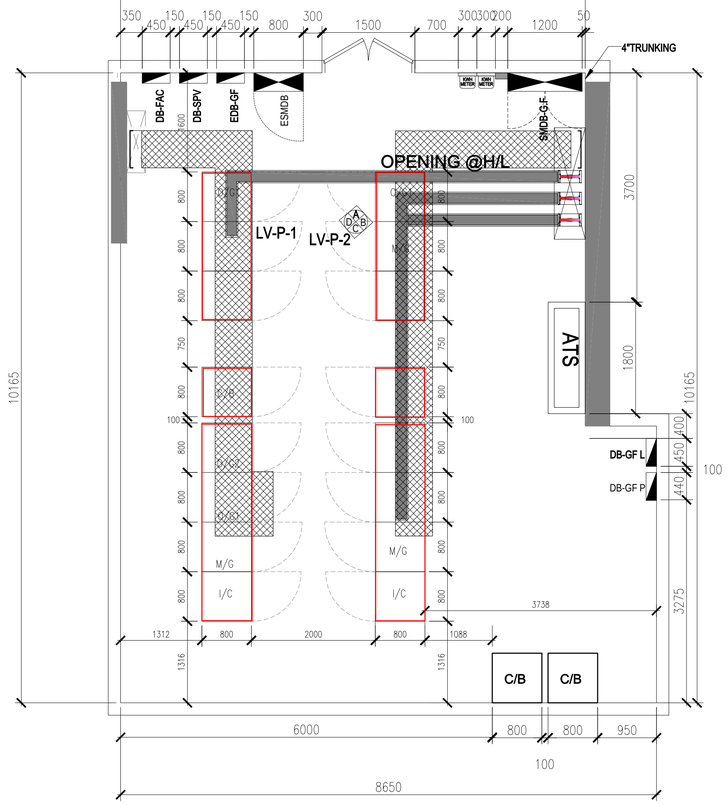


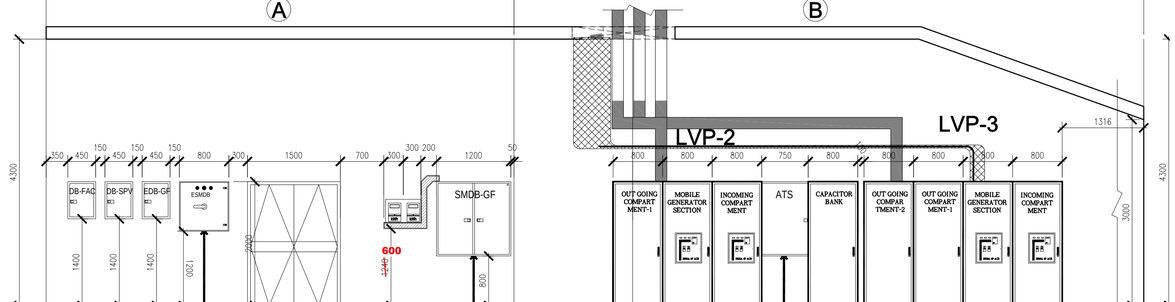
REFER LOAD SCHEDULES FOR COMMENTS IF ANY ON BREAKER RATINGS AND CABLE SIZES

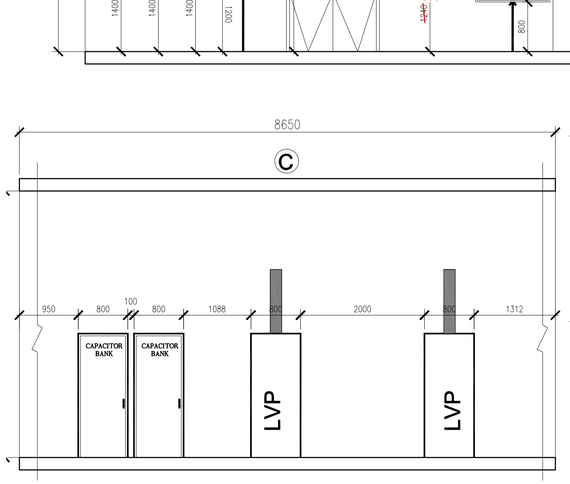
RAWING TITLE.

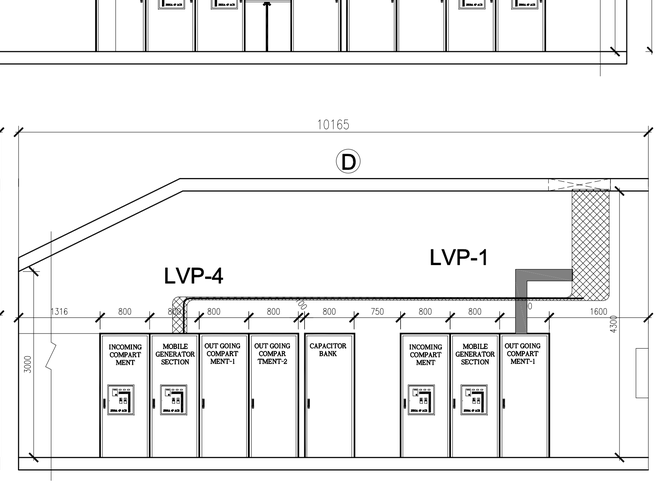
SINGLE LINE DIAGRAM-7

PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT







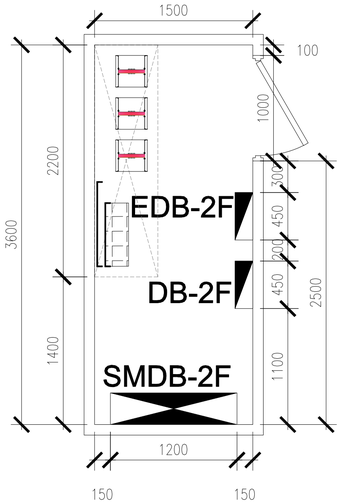


TITLE.

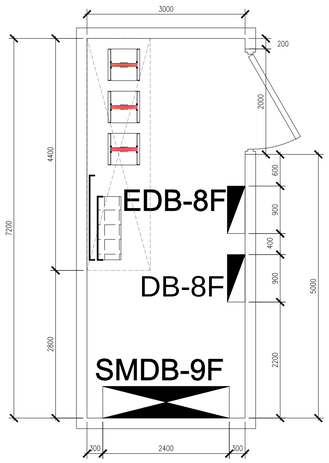
L.V ROOM DETAIL

PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT

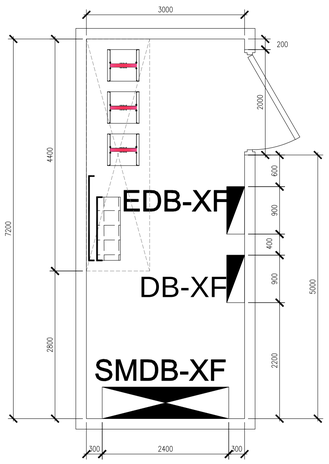
PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT



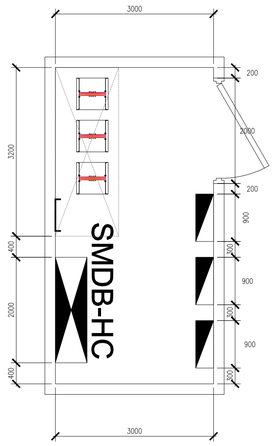
2ND FLOOR



9TH FLOOR



11TH TO 13TH FLOORS

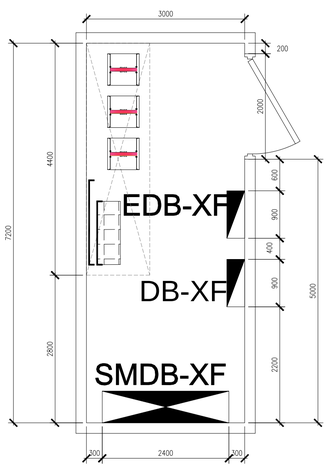


DB-HC-P

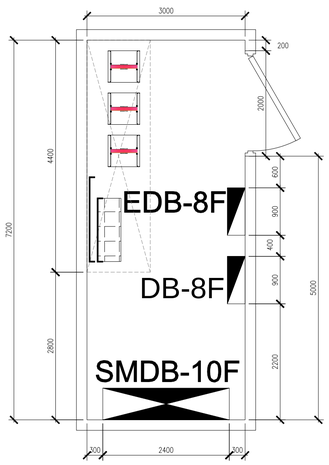
DB-HC-L

EDB-HC

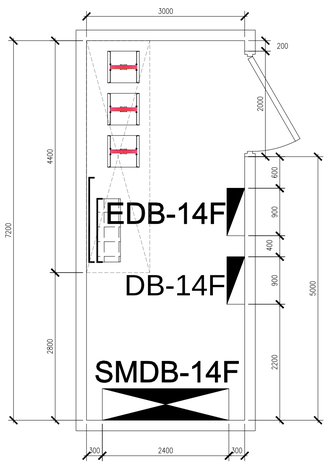
H C FLOOR-1



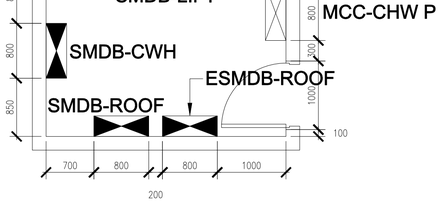
3RD TO 8TH FLOORS



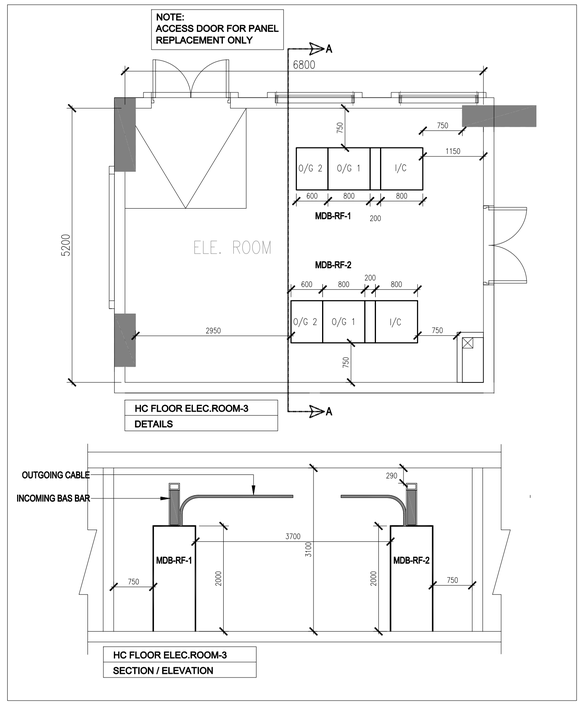
10TH FLOOR



14TH FLOOR



HC FLOOR-2



NG TITLE.

TYPICAL.FLOOR
ELECTRICAL ROOM DETAIL

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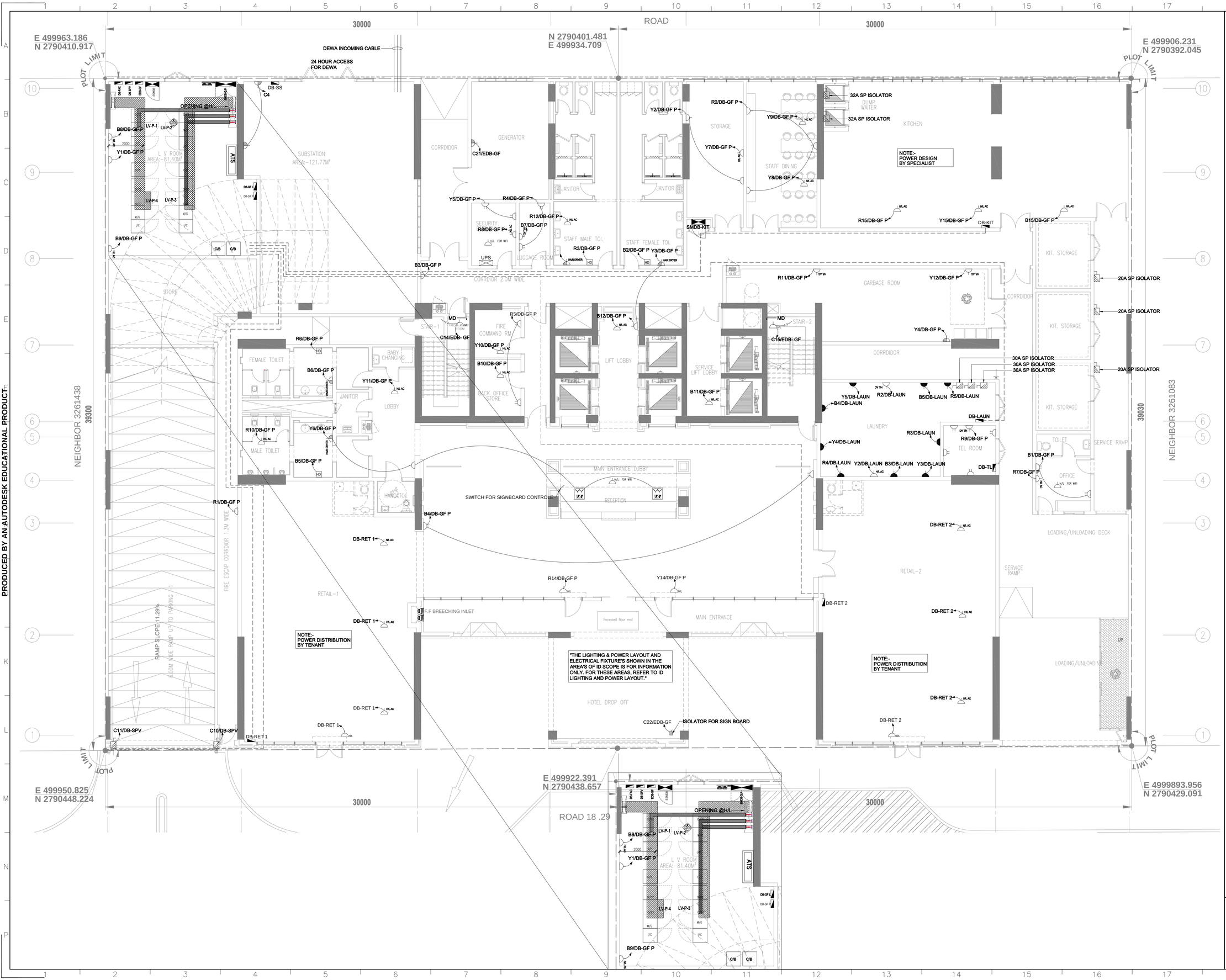

RAWING TITLE.

GROUND FLOOR PLAN
(BLDG. CARD-GROUND)
POWEP LAYOUT

N

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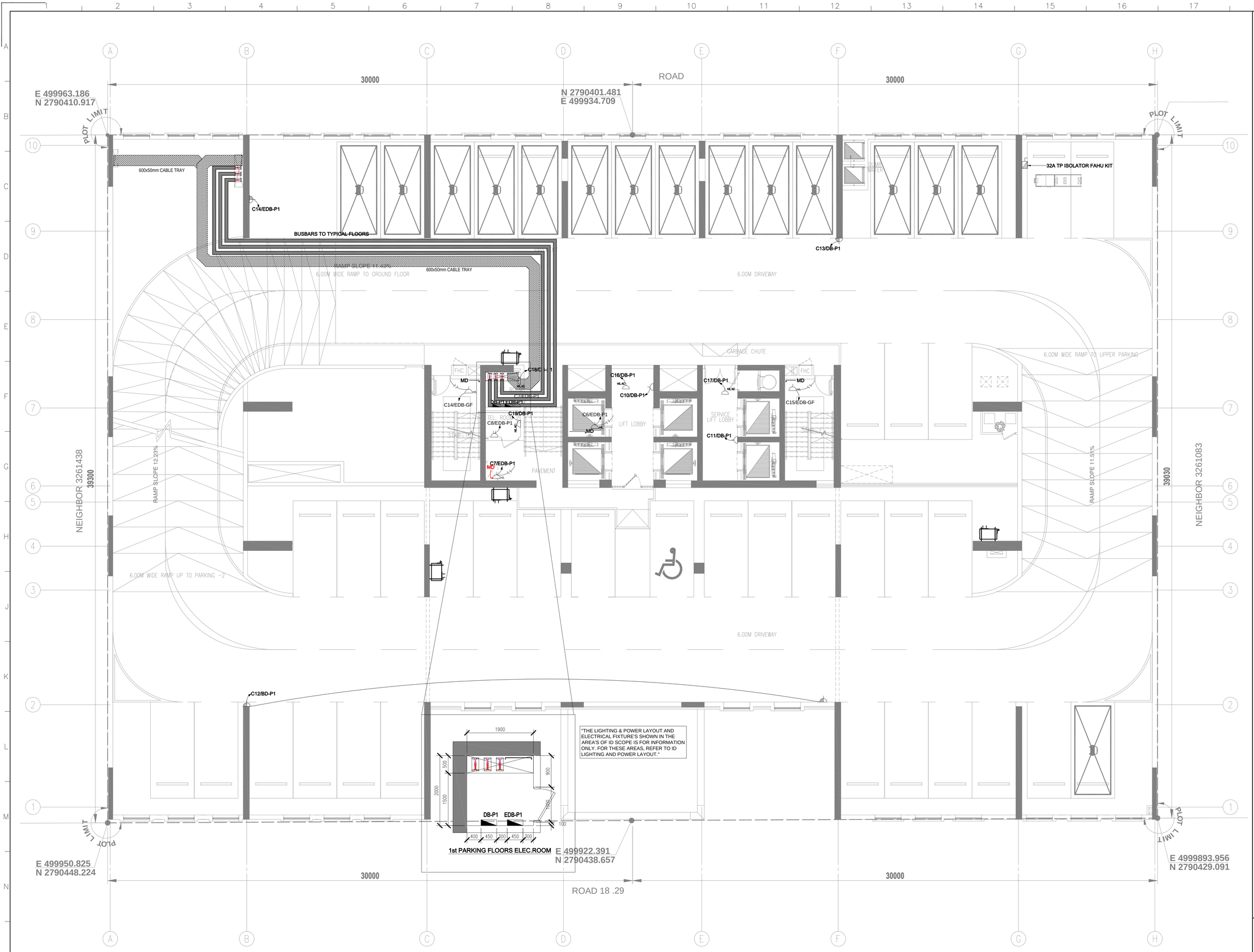
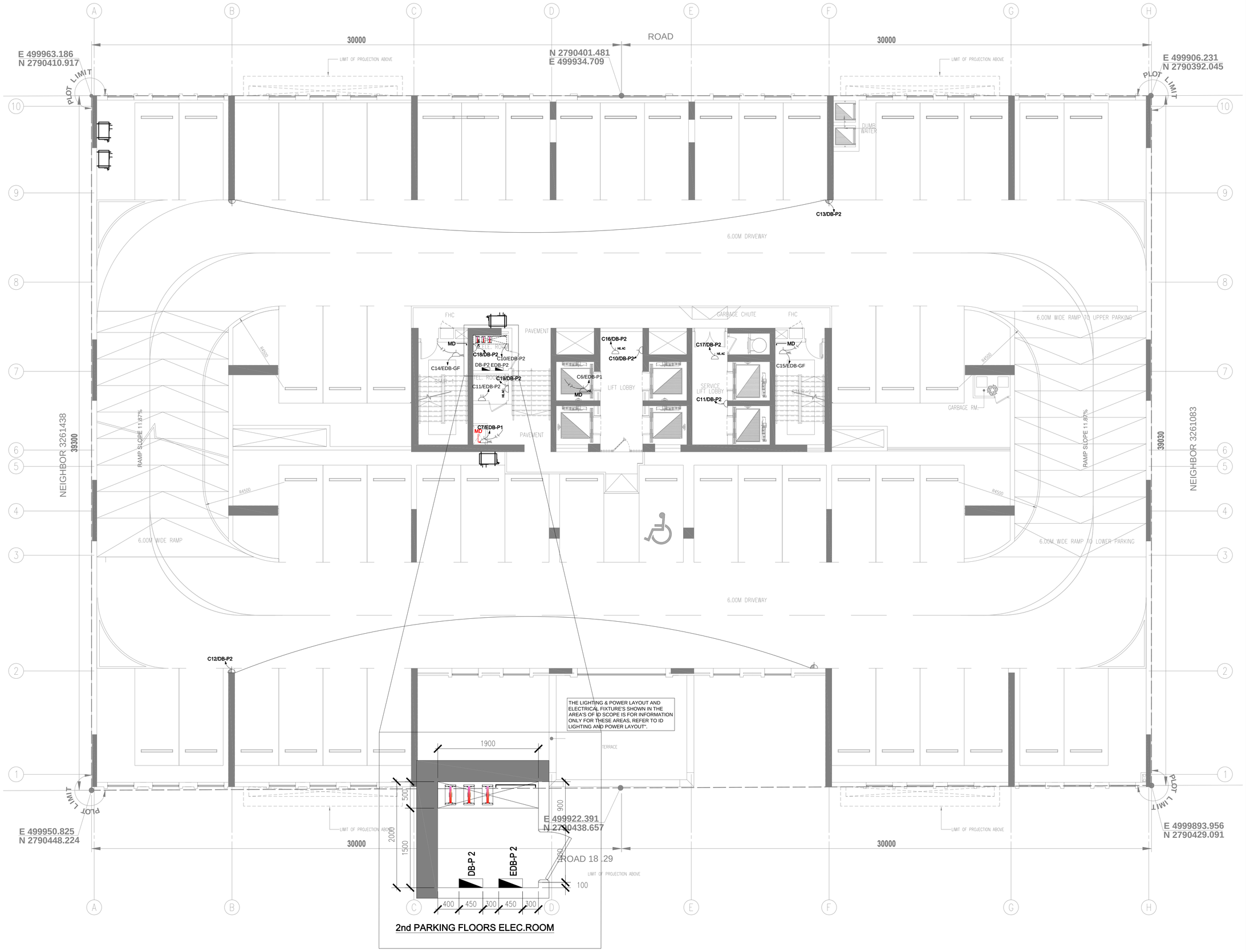


AWING TITLE.

P1 PARKING FLOOR PLAN
(BLDG. CARD-FLOOR-1)
POWEP LAYOUT

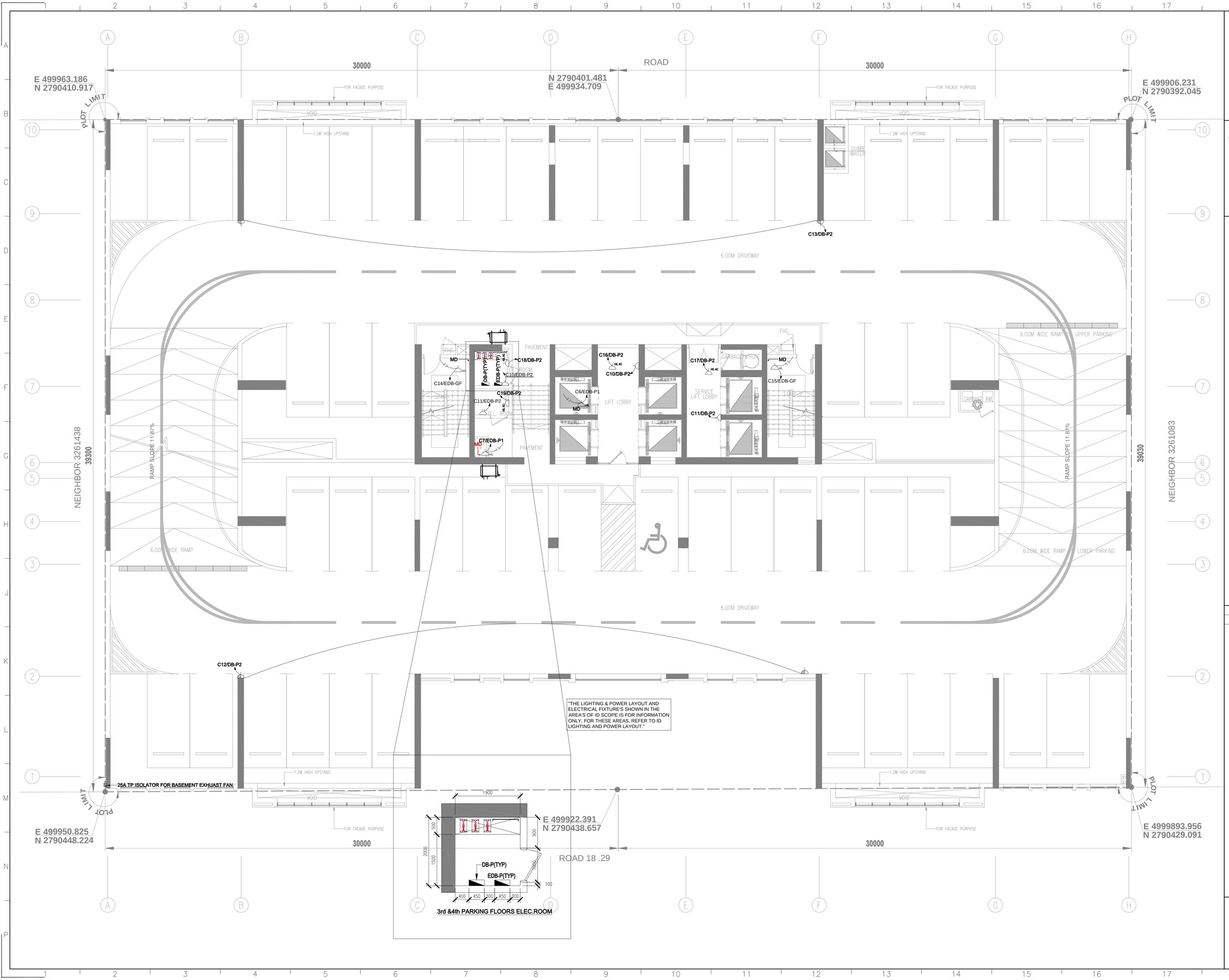


GENERAL NOTES :

1. ALL DIMENSIONS ARE IN METRIC.
2. DO NOT SCALE FROM THIS DRAWING.
3. ALL DIMFNSIONS TO BF VFRIFIFD ON SITF.

G TITLE.

P2 PODIUM - PARKING
(BLDG. CARD-FLOOR-2)
POWER LAYOUT



GENERAL NOTES :

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4. ALL MATERIALS TO BE APPROVED BY ARCHITECT/ENGINEER.
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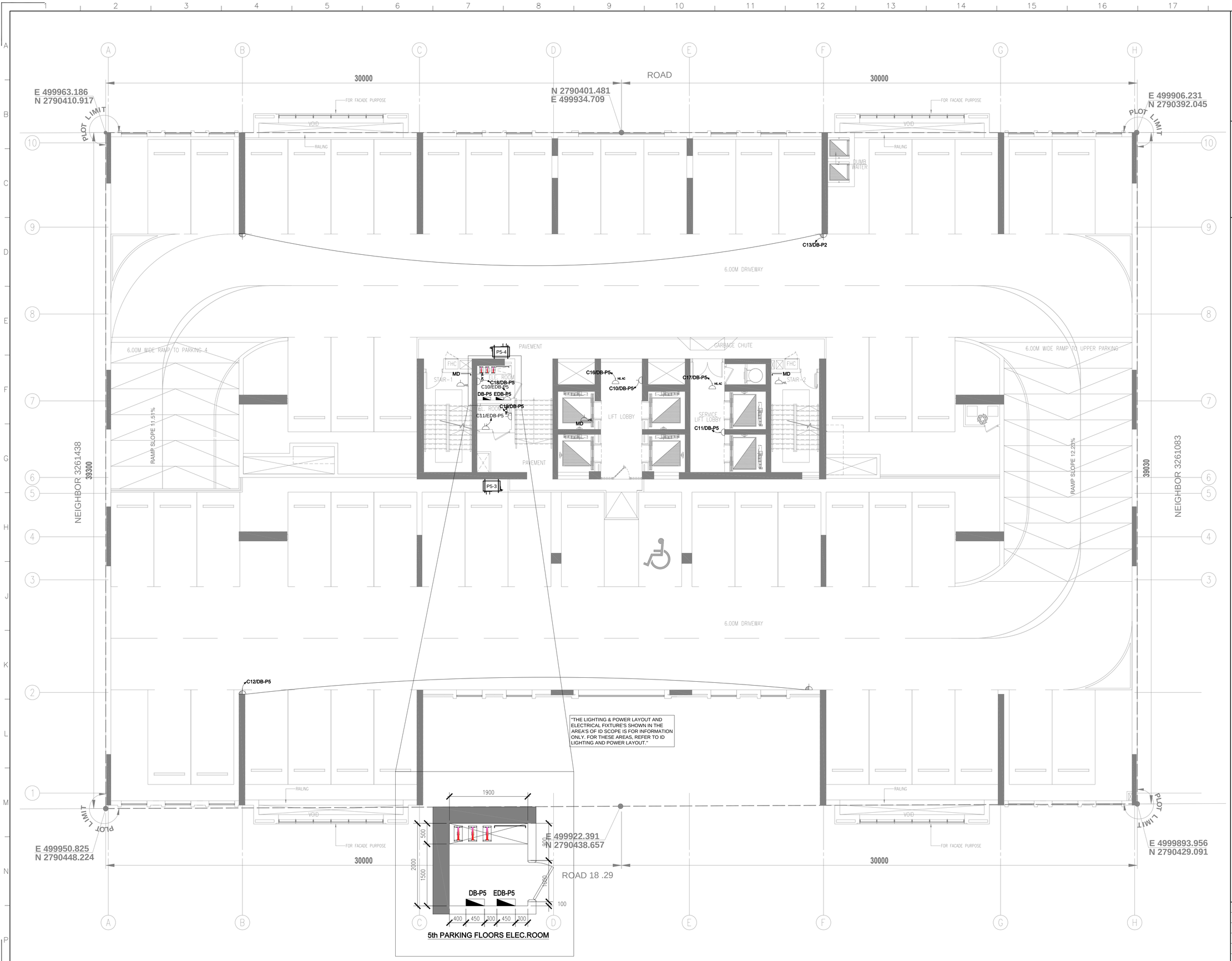
6. THIS DRAWING TO BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL, MEP, SE, DETAILS & SPECIFICATIONS. CONTRACTOR SHALL CO-ORDINATE THESE DRAWINGS AND REPORT ANY DISCREPANCY FOR CLARIFICATION BEFORE PROCEEDING WITH WORKS.

DRAWING TITLE.

P3 to P4 TYPICAL PARKING
(BLDG. CARD-FLOOR-3-4)
POWER LAYOUT

REV. NO:	DRAWING NO.
12	EP-05



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DRAWING TITLE.

P5 PARKING FLOOR PLAN
(BLDG. CARD-FLOOR-5)
POWER LAYOUT

REV. NO: 12

DRAWING NO. EP-06

N

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GENERAL NOTES :

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DRAWING TITLE.

1ST FLOOR PLAN
(BLDG. CARD-FLOOR-6)
POWER LAYOUT

REV. NO: 12

DRAWING NO. EP.07

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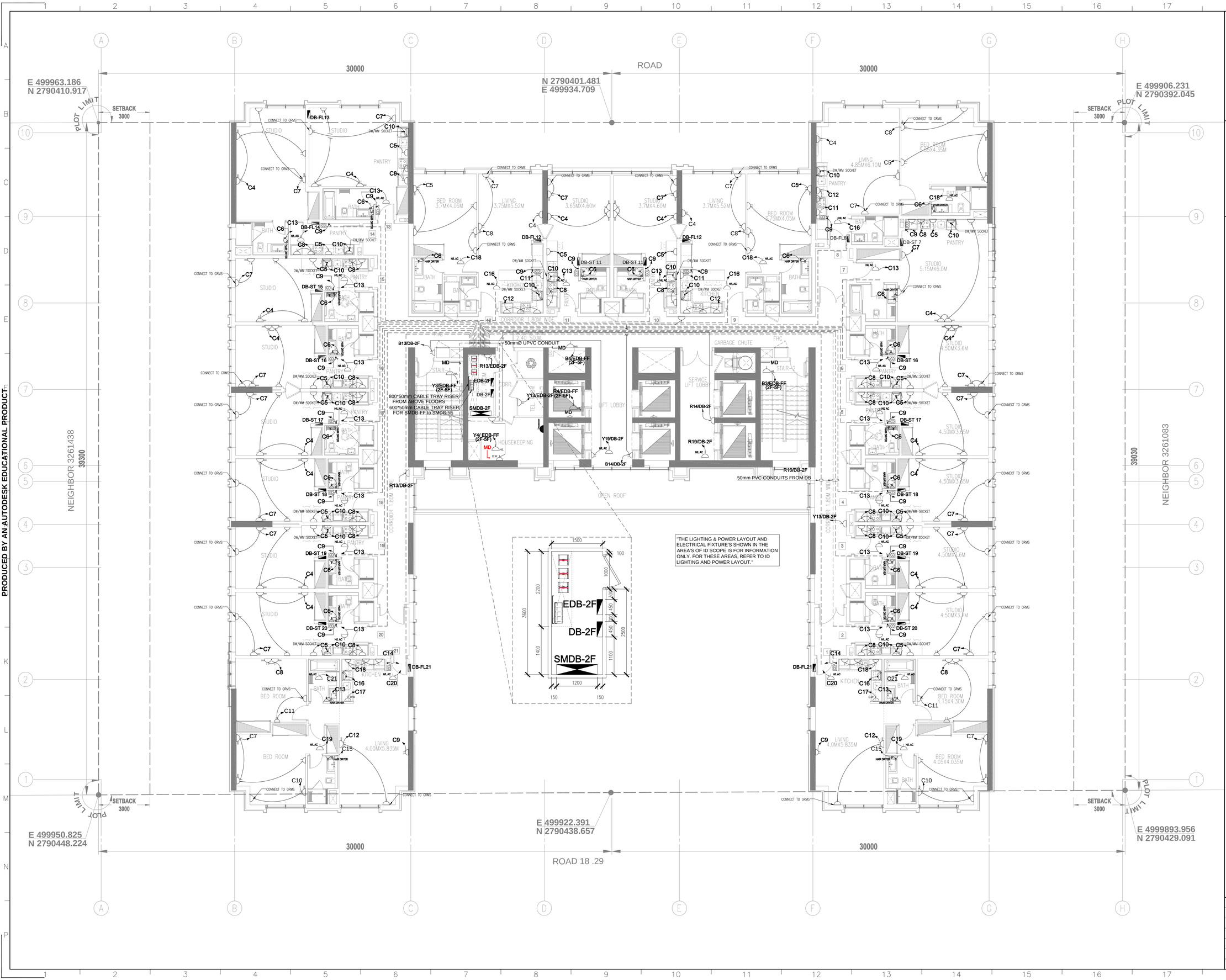

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430DXB15	DRAWING TITLE. 2nd FLOOR (BLDG. CARD-FLOOR-7) POWER LAYOUT
OMAR.O	
1:100 @ A1	REV. NO: 12 / DRAWING NO. EP-08
DATE. APRIL-2015	N

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DRAWING TITLE.

3rd TO 7th TYPICAL FLOORS
(BLDG. CARD-FLOOR-8-12)

AbrArAgill

REV. NO: 12

DRAWING NO. EP-09

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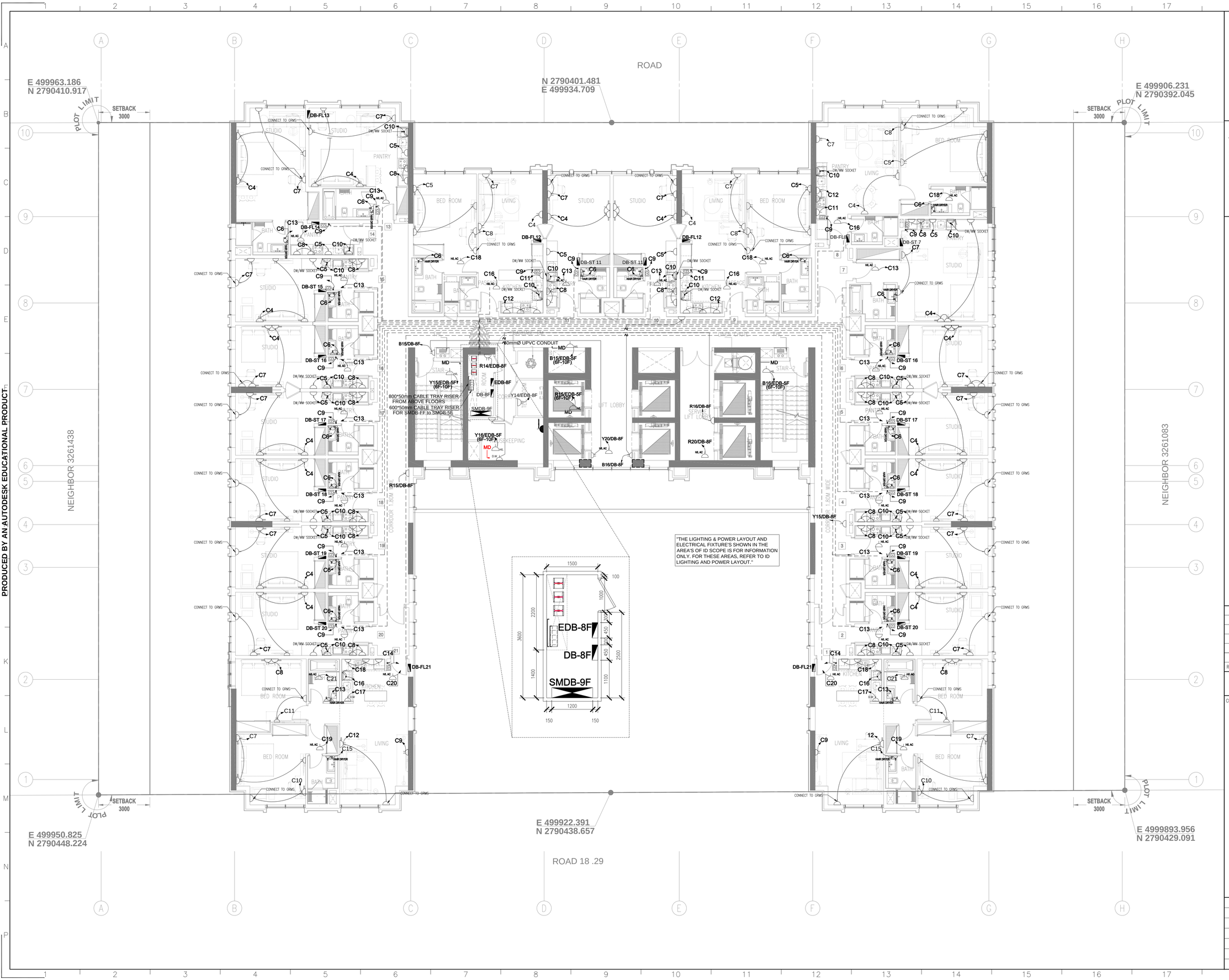

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REV. NO.	DATE	DESCRIPTION	APRVD BY
12	OCT. 2018	REVISED ISSUE FOR CONSTRUCTION	N.A.
11	NOV. 2017	DRG. REVISED, INCORPORATING CLIENT COMMENTS & SUBJECT TO DM APPR.	N.A.
10	JULY 2017	DRG. REVISED, INCORPORATING TENDER CLARIFICATIONS & SUBJECT TO DM APPR.	N.A.

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CLIENT

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DRAWING TITLE.

9th TYPICAL FLOOR
(BLDG. CARD-FLOOR-13-15)
POWER LAYOUT

1:100 @ A1

APRIL-2015

REV. NO: 12

DRAWING NO. EP-10

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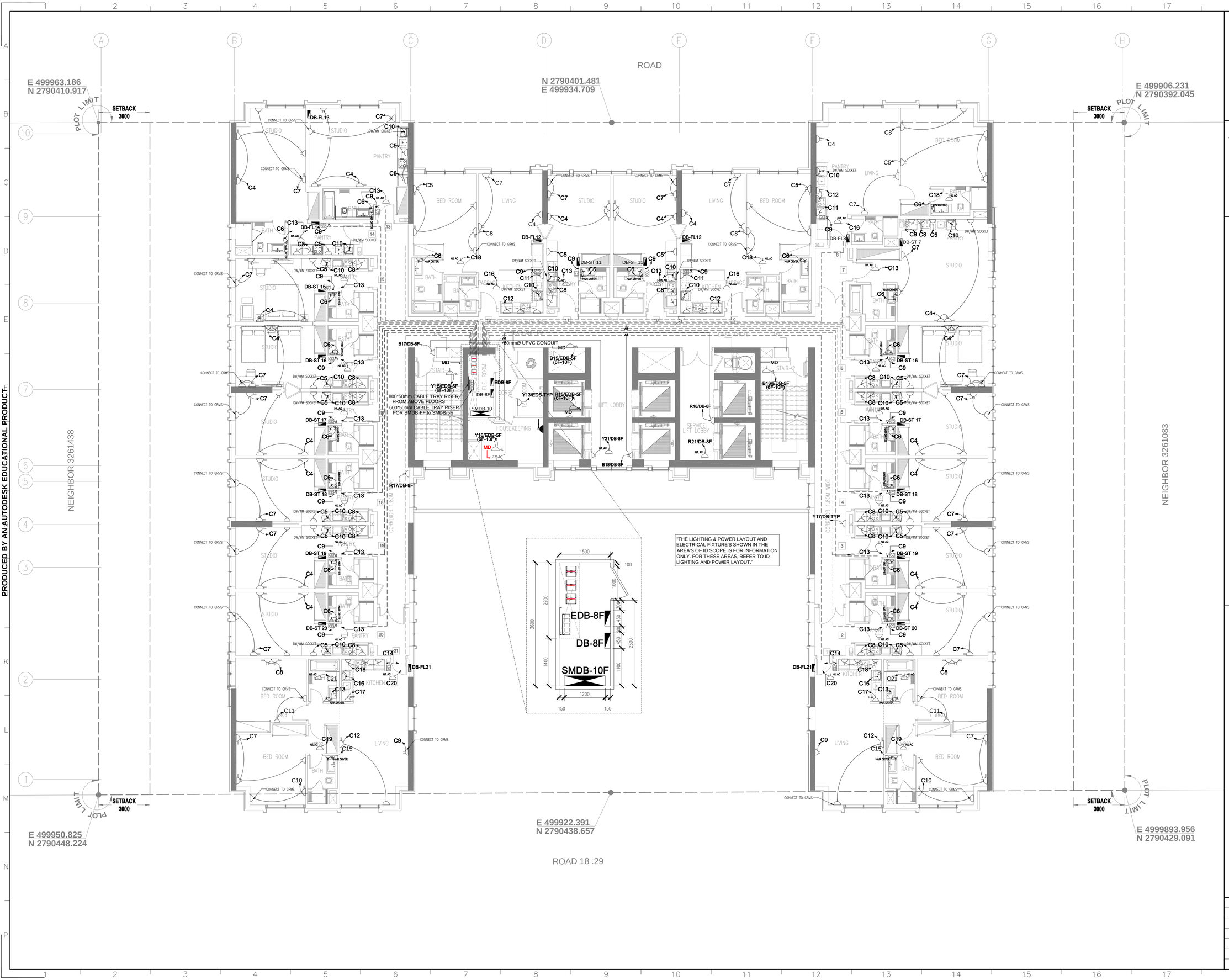

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430DXB15	DRAWING TITLE. 11th FLOOR (BLDG. CARD-FLOOR-16) POWER LAYOUT
APRIL-2015	REV. NO: 12 / DRAWING NO. EP-10

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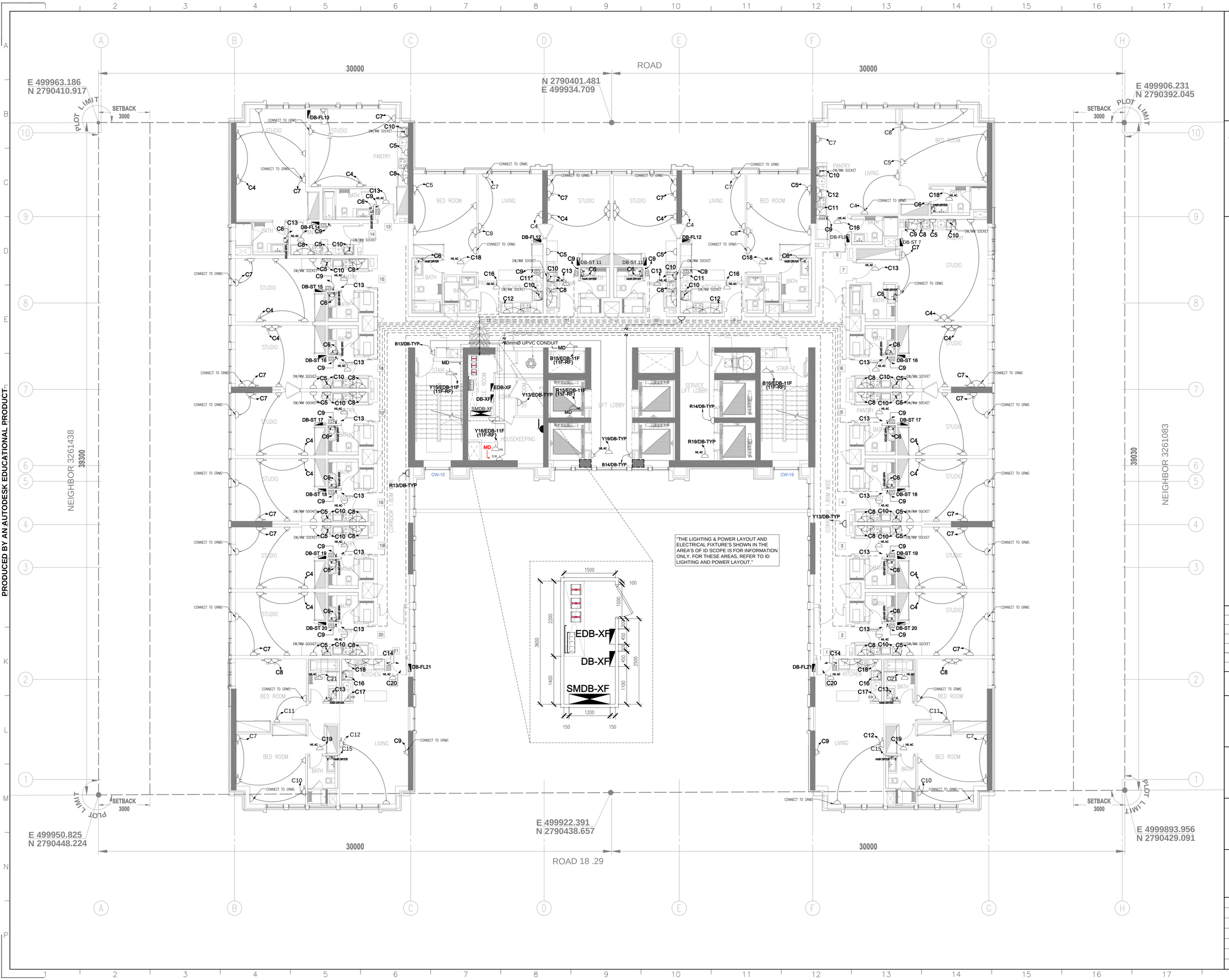

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430DXB15	DRAWING TITLE. 12th TO 13tH TYPICAL FLOORS (BLDG. CARD-FLOOR-17-18) POWER LAYOUT
OMAR.O	
1:100 @ A1	REV. NO: 12 / DRAWING NO. EP-12
APRIL-2015	

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			BY

430DXB15

DRAWING TITLE.

14th FLOOR PLAN
(BLDG. CARD-FLOOR-19)
POWER LAYOUT

1:100 @ A1

DATE: APRIL-2015

REV. NO: 12

DRAWING NO. EP-09

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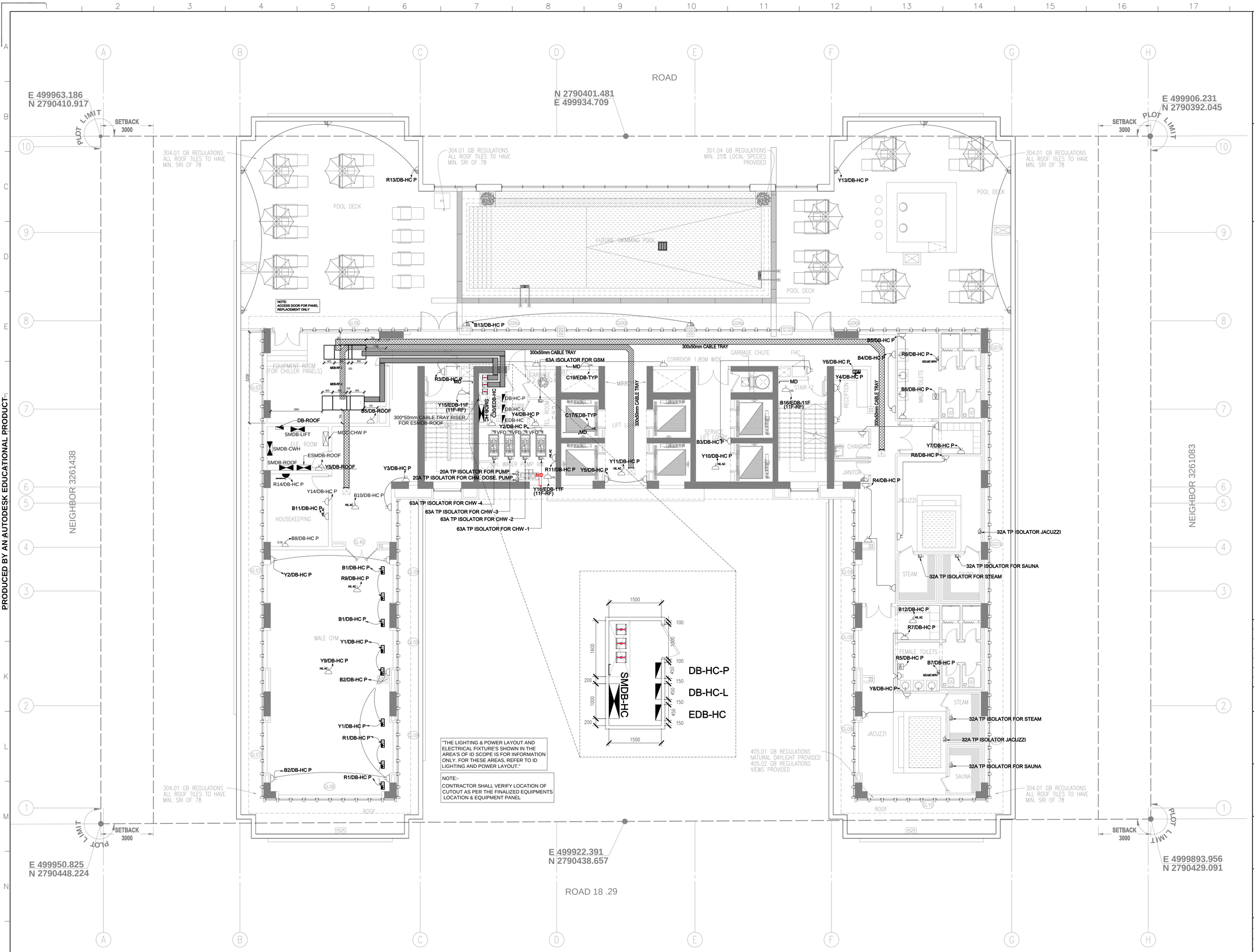

"THE LIGHTING & POWER LAYOUT AND ELECTRICAL FIXTURE'S SHOWN IN THE AREA'S OF ID SCOPE IS FOR INFORMATION ONLY. FOR THESE AREAS, REFER TO ID LIGHTING AND POWER LAYOUT."

NOTE:-
CONTRACTOR SHALL VERIFY LOCATION OF CUTOUT AS PER THE FINALIZED EQUIPMENTS LOCATION & EQUIPMENT PANEL

GENERAL NOTES :

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DRAWING TITLE.

HEALTH CLUB FLOOR PLAN
(BLDG. CARD-ROOF SERVICES)
POWER LAYOUT

REV. NO: 12
DRAWING NO. EP-14
DATE. APRIL-2015

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