

SITE 83 CO.,LTD.

ตารางโหลดไฟฟ้า : LOAD SCHEDULE

โครงการ : Block H

SEP, 2018



SITE 83 CO.,LTD.

MDB

SEP, 2018

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MAIN DISTRIBUTION BOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION : 0

MAIN DISTRIBUTION BOARD No. MDB1					LOCATION : MAIN EE. ROOM.					
Cu BUSBAR : 4000 A. 230/400 VAC. 50 Hz.					MOUNTING : FLOOR MOUNTED					
NEUTRAL BUS : 100 %										
GROUND BUS : 50 %										
FEEDER NO.	DESCRIPTION	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD (VA)	DEMAND FACTOR	DEMAND LOAD (VA)	
		POLE	AT	Ic(KA)						
1	CAPACITOR BANK	3	1250	70	6[(4x150),IEC01 / G-95, IEC01]	6 x 80 sqmm Dia. IMC	-	-	-	
2	BUSDUCT NO.1	3	4000	70	CU BUSDUCT NO.1 4000A	-	3,875,837	0.65	2,519,294	
3	SPARE	3	200	70	-	-	-	-	-	
4	SPARE	3	200	70	-	-	-	-	-	
5	SPACE	-	-	-	-	-	-	-	-	
6	SPACE	-	-	-	-	-	-	-	-	
7	SPACE	-	-	-	-	-	-	-	-	
8	SPACE	-	-	-	-	-	-	-	-	
CONNECT TO: TX1 (2,500kVA)		MAIN CB : 3P , 4000AT/4000AF Ic ≥ 70 kA. AT 400 VAC. 50 Hz			MAIN CONDUCTOR : CU BUSDUCT 4000A RACEWAY: -		DEMAND LOAD (VA)	3,875,837		2,519,294

MAIN DISTRIBUTION BOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION : 0

MAIN DISTRIBUTION BOARD No. MDB3		LOCATION : MAIN EE. ROOM.								
Cu BUSBAR : 3200 A. 230/400 VAC. 50 Hz.		MOUNTING : FLOOR MOUNTED								
NEUTRAL BUS : 100 %										
GROUND BUS : 50 %										
FEEDER NO.	DESCRIPTION	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD (VA)	DEMAND FACTOR	DEMAND LOAD (VA)	
		POLE	AT	Ic(KA)						
1	CAPACITOR BANK	3	1000	65	4[(4x185),IEC01 / G-70, IEC01]	4 x 80 sqmm Dia. IMC	-	-	-	
2	MCC-CH1	3	2500	65	CU BUSDUCT 2500A	-	792,000	1.0	792,000	
3	MCC-CH2	3	2500	65	CU BUSDUCT 2500A	-	792,000	1.0	792,000	
4	MCC-CDP1	3	300	65	2[(4x95),IEC01 / G-25, IEC01]	2 x 65 sqmm Dia. IMC	122,100	1.0	122,100	
5	MCC-CDP2	3	300	65	2[(4x95),IEC01 / G-25, IEC01]	2 x 65 sqmm Dia. IMC	122,100	1.0	122,100	
6	MCC-CHP1	3	250	65	4x185,IEC01 / G-25, IEC01	80 sqmm Dia. IMC	91,740	1.0	91,740	
7	MCC-CHP2	3	250	65	4x185,IEC01 / G-25, IEC01	80 sqmm Dia. IMC	91,740	1.0	91,740	
8	MCC-CT1	3	100	65	4x50/G-10, IEC01	50 sqmm Dia. IMC	37,600	1.0	37,600	
9	MCC-CT2	3	100	65	4x50/G-10, IEC01	50 sqmm Dia. IMC	37,600	1.0	37,600	
10	SPARE	3	200	65	-	-	-	-	-	
11	SPACE	-	-	-	-	-	-	-	-	
12	SPACE	-	-	-	-	-	-	-	-	
CONNECT TO: TX3 (2,000kVA)		MAIN CB : 3P , 3200AT/3200AF Ic ≥ 65kA. AT 400 VAC. 50 Hz			MAIN CONDUCTOR : CU BUSDUCT 3200A	RACEWAY: -	DEMAND LOAD (VA)	2,086,880		2,086,880

MAIN DISTRIBUTION BOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION : 0

MAIN DISTRIBUTION BOARD No. MDB2

LOCATION : MAIN EE. ROOM.

Cu BUSBAR : 4000 A. 230/400 VAC. 50 Hz.

MOUNTING : FLOOR MOUNTED

NEUTRAL BUS : 100 %

GROUND BUS : 50 %

FEEDER NO.	DESCRIPTION	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD (VA)	DEMAND FACTOR	DEMAND LOAD (VA)
		POLE	AT	Ic(KA)					
1	BUSDUCT NO2	3	4000	70	CU BUSDUCT NO.2 4000A	-	4,829,810	0.50	2,414,905
2	SPARE	3	200	70	-	-	-	-	-
3	SPARE	3	200	70	-	-	-	-	-
4	SPACE	-	-	-	-	-	-	-	-
5	SPACE	-	-	-	-	-	-	-	-
6	SPACE	-	-	-	-	-	-	-	-
7	SPACE	-	-	-	-	-	-	-	-
8	CAPACITOR BANK	3	1250	70	6[(4x150),IEC01 / G-95, IEC01]	6 x 80 sqmm Dia. IMC	-	-	-
CONNECT TO: TX2 (2,500kVA)		MAIN CB : 3P , 4000AT/4000AF Ic ≥ 70kA. AT 400 VAC. 50 Hz			MAIN CONDUCTOR : CU BUSDUCT 4000A	DEMAND LOAD (VA)	4,829,810		2,414,905
					RACEWAY: -				

MAIN DISTRIBUTION BOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION : 0

MAIN DISTRIBUTION BOARD No. MDB4

LOCATION : MAIN EE. ROOM.

Cu BUSBAR : 3200 A. 230/400 VAC. 50 Hz.

MOUNTING : FLOOR MOUNTED

NEUTRAL BUS : 100 %

GROUND BUS : 50 %

FEEDER NO.	DESCRIPTION	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD (VA)	DEMAND FACTOR	DEMAND LOAD (VA)	
		POLE	AT	Ic(KA)						
1	MCC-CH3	3	2500	65	CU BUSDUCT 2500A	-	792,000	1.0	792,000	
2	MCC-CH4	3	2500	65	CU BUSDUCT 2500A	-	792,000	1.0	792,000	
3	MCC-CDP3	3	300	65	2[(4x95),IEC01 / G-25, IEC01]	2 x 65 sqmm Dia. IMC	122,100	1.0	122,100	
4	MCC-CDP4	3	300	65	2[(4x95),IEC01 / G-25, IEC01]	2 x 65 sqmm Dia. IMC	122,100	1.0	122,100	
5	MCC-CHP3	3	250	65	4x185,IEC01 / G-25, IEC01	80 sqmm Dia. IMC	91,740	1.0	91,740	
6	MCC-CHP4	3	250	65	4x185,IEC01 / G-25, IEC01	80 sqmm Dia. IMC	91,740	1.0	91,740	
7	MCC-CT3	3	100	65	4x50/G-10, IEC01	50 sqmm Dia. IMC	37,600	1.0	37,600	
8	MCC-CT4	3	100	65	4x50/G-10, IEC01	50 sqmm Dia. IMC	37,600	1.0	37,600	
9	SPARE	3	200	65	-	-	-	-	-	
10	SPACE	-	-	-	-	-	-	-	-	
11	SPACE	-	-	-	-	-	-	-	-	
12	CAPACITOR BANK	3	1000	65	4[(4x185),IEC01 / G-70, IEC01]	4 x 80 sqmm Dia. IMC	-	-	-	
CONNECT TO: TX2 (2,000kVA)		MAIN CB : 3P , 3200AT/3200AF Ic ≥ 65 kA. AT 400 VAC. 50 Hz			MAIN CONDUCTOR : CU BUSDUCT 3200A	RACEWAY: -	DEMAND LOAD (VA)	2,086,880		2,086,880

MAIN DISTRIBUTION BOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION : 0

MAIN DISTRIBUTION BOARD No. E MDB
 Cu BUSBAR : 2500 A, 230/400 VAC, 50 Hz.
 NEUTRAL BUS : 100 %
 GROUND BUS : 50 %

LOCATION : MAIN EE. ROOM.
 MOUNTING : FLOOR MOUNTED

FEEDER NO.	DESCRIPTION	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD (VA)	DEMAND FACTOR	DEMAND LOAD (VA)
		POLE	AT	Ic(KA)					
1	CAPACITOR BANK	3	1250	50	4[(4x185),IEC01 / G-70, IEC01]	4 x 80 sqmm Dia. IMC	-	-	-
2	BUSDUCT NO3	3	800	50	CU BUSDUCT NO.3 800A	-	476,492	0.80	381,194
3	BUSDUCT NO4	3	800	50	CU BUSDUCT NO.3 800A	-	380,528	0.80	304,422
4	7EDB1	3	400	50	4x240/ G-25, FRC	1 x 125 sqmm Dia. IMC	145,550	0.9	130,995
5	14EDB1	3	250	50	4x120/ G-25, FRC	1 x 80 sqmm Dia. IMC	85,800	0.9	77,220
6	25EDB1	3	250	50	4x120/ G-25, FRC	1 x 80 sqmm Dia. IMC	124,000	0.9	111,600
7	MCC-CH5	3	600	50	3[(4x150),IEC01 / G-50, IEC01]	3 x 80 sqmm Dia. IMC	246,180	1.0	246,180
8	MCC-CH6	3	600	50	3[(4x150),IEC01 / G-50, IEC01]	3 x 80 sqmm Dia. IMC	246,180	1.0	246,180
9	MCC-CDP5	3	80	50	4x35,IEC01 / G-10, IEC01	40 sqmm Dia. IMC	28,710	1.0	28,710
10	MCC-CDP6	3	80	50	4x35,IEC01 / G-10, IEC01	40 sqmm Dia. IMC	28,710	1.0	28,710
11	MCC-CHP5	3	100	50	4x50,IEC01 / G-10, IEC01	50 sqmm Dia. IMC	38,280	1.0	38,280
12	MCC-CHP6	3	100	50	4x50,IEC01 / G-10, IEC01	50 sqmm Dia. IMC	38,280	1.0	38,280
13	FIREMAN LIFT	3	80	50	4x16/G-10, FRC	40 sqmm Dia. IMC	28,000	1.0	28,000
14	JOKEY PUMP	3	30	50	4x4 /G-4, FRC	32 sqmm Dia. IMC	7,650	1.0	7,650
15	SPACE	-	-	-	-	-	-	-	-
16	SPACE	-	-	-	-	-	-	-	-
CONNECT TO: TX5 (1,600kVA)		MAIN CB : 3P , 2500AT/2500AF Ic ≥ 50 kA. AT 400 VAC, 50 Hz			MAIN CONDUCTOR : 10[(4x300),NYY / G-240, IEC01]	DEMAND LOAD (VA)	1,874,360		1,667,421
					RACEWAY: 10 x 100 sqmm Dia. IMC				

SITE 83 CO.,LTD.

DB

SEP, 2018

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DISTRIBUTION BOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION : 0

DISTRIBUTION BOARD No. 1DB1
 Cu BUSBAR : 1250 A. 230/400 VAC. 50 Hz.
 NEUTRAL BUS : 100 %
 GROUND BUS : 50 %

LOCATION : EE ROOM, 1FL.
 MOUNTING : WALL MOUNTED

FEEDER NO.	DESCRIPTION	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD (VA)	
		POLE	AT	Ic(KA)				
1	1LP1	3	50	50	4x16/G-6, IEC01	32 sqmm Dia. IMC	51,540	
2	1PP1	3	200	50	4x120/G-16, IEC01	65 sqmm Dia. IMC	132,000	
3	1AC1	3	100	50	4x50/G-10, IEC01	50 sqmm Dia. IMC	42,490	
4	RETAIL 101	3	100	50	4x50/G-10, IEC01	50 sqmm Dia. IMC	55,424	
5	RETAIL 102	3	50	50	4x16/G-6, IEC01	32 sqmm Dia. IMC	27,712	
6	RETAIL 103	3	30	50	4x10/G-6, IEC01	25 sqmm Dia. IMC	16,627	
7	RETAIL 104	3	50	50	4x16/G-6, IEC01	32 sqmm Dia. IMC	27,712	
8	RETAIL 105	3	50	50	4x16/G-6, IEC01	32 sqmm Dia. IMC	27,712	
9	RETAIL 106	3	50	50	4x16/G-6, IEC01	32 sqmm Dia. IMC	27,712	
10	RESTAURANT 107	3	200	50	4x120/G-16, IEC01	65 sqmm Dia. IMC	110,848	
11	RESTAURANT 108	3	100	50	4x50/G-10, IEC01	50 sqmm Dia. IMC	55,424	
12	RESTAURANT 109	3	50	50	4x25/G-10, IEC01	40 sqmm Dia. IMC	27,712	
13	RESTAURANT 110	3	100	50	4x50/G-10, IEC01	50 sqmm Dia. IMC	55,424	
14	RESTAURANT 111	3	100	50	4x50/G-10, IEC01	50 sqmm Dia. IMC	55,424	
15	RESTAURANT 112	3	100	50	4x50/G-10, IEC01	50 sqmm Dia. IMC	55,424	
16	EV CHARGER B2	3	100	50	4x25/G-10, LSHF	50 sqmm Dia. IMC	62,500	
17	EV CHARGER B1	3	100	50	4x25/G-10, LSHF	50 sqmm Dia. IMC	62,500	
18	SPARE	3	50	50	-	-	20,000	
19	SPARE	3	50	50	-	-	20,000	
20	SPARE	3	50	50	-	-	20,000	
21	SPARE	3	50	50	-	-	20,000	
22	SPARE	3	50	50	-	-	20,000	
23	SPARE	3	50	50	-	-	20,000	
24	SPARE	3	50	50	-	-	20,000	
CONNECT TO: MDB1		MAIN CB : 3P , 1250AT/1250AF Ic ≥ 50 kA. AT 400 VAC. 50 Hz			MAIN CONDUCTOR : 6[(4x150),IEC01 / G-95, IEC01] RACEWAY: 6 x 80 sqmm Dia. IMC		LOAD SUMMARY DEMAND FACTOR DEMAND LOAD(VA)	1,034,185 0.8 827,348

DISTRIBUTION BOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION : 0

DISTRIBUTION BOARD No. 2DB1
 Cu BUSBAR : 1250 A. 230/400 VAC. 50 Hz.
 NEUTRAL BUS : 100 %
 GROUND BUS : 50 %

LOCATION : EE ROOM, 2FL.
 MOUNTING : WALL MOUNTED

FEEDER NO.	DESCRIPTION	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD (VA)
		POLE	AT	Ic(KA)			
1	2LP1	3	50	50	4x16/G-6, IEC01	32 sqmm Dia. IMC	33,820
2	2ALP1	3	50	50	4x16/G-6, IEC01	32 sqmm Dia. IMC	22,000
3	2PP1	3	250	50	4x185/G-25, IEC01	80 sqmm Dia. IMC	166,200
4	2AC1	3	100	50	4x50/G-10, IEC01	50 sqmm Dia. IMC	40,800
5	RETAIL 201	3	100	50	4x50/G-10, IEC01	50 sqmm Dia. IMC	55,424
6	RETAIL 202	3	50	50	4x16/G-6, IEC01	32 sqmm Dia. IMC	27,712
7	RETAIL 203	3	50	50	4x16/G-6, IEC01	32 sqmm Dia. IMC	27,712
8	RETAIL 204	3	50	50	4x16/G-6, IEC01	32 sqmm Dia. IMC	27,712
9	RETAIL 205	3	50	50	4x16/G-6, IEC01	32 sqmm Dia. IMC	27,712
10	RETAIL 206	3	50	50	4x16/G-6, IEC01	32 sqmm Dia. IMC	27,712
11	RESTAURANT 207	3	150	50	4x95/G-16, IEC01	65 sqmm Dia. IMC	83,139
12	RESTAURANT 208	3	100	50	4x50/G-10, IEC01	50 sqmm Dia. IMC	55,424
13	RESTAURANT 209	3	100	50	4x50/G-10, IEC01	50 sqmm Dia. IMC	55,424
14	RESTAURANT 210	3	100	50	4x50/G-10, IEC01	50 sqmm Dia. IMC	55,424
15	RESTAURANT 211	3	100	50	4x50/G-10, IEC01	50 sqmm Dia. IMC	55,424
16	SPARE	3	50	50	-	-	20,000
17	SPARE	3	50	50	-	-	20,000
18	SPARE	3	50	50	-	-	20,000
19	SPARE	3	50	50	-	-	20,000
20	SPARE	3	50	50	-	-	20,000
21	SPARE	3	50	50	-	-	20,000
22	SPARE	3	50	50	-	-	20,000
23	SPARE	3	50	50	-	-	20,000
24	SPARE	3	50	50	-	-	20,000
CONNECT TO: MDB1		MAIN CB : 3P , 1250AT/1250AF Ic ≥ 50 kA. AT 400 VAC. 50 Hz			MAIN CONDUCTOR : 6[(4x150),IEC01 / G-95, IEC01] RACEWAY: 6 x 80 sqmm Dia. IMC		LOAD SUMMARY 941,639 DEMAND FACTOR 0.8 DEMAND LOAD(VA) 753,311

DISTRIBUTION BOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION : 0

DISTRIBUTION BOARD No. 3DB1
 Cu BUSBAR : 1600 A. 230/400 VAC. 50 Hz.
 NEUTRAL BUS : 100 %
 GROUND BUS : 50 %

LOCATION : EE ROOM, 3FL.
 MOUNTING : WALL MOUNTED

FEEDER NO.	DESCRIPTION	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD (VA)
		POLE	AT	Ic(KA)			
1	3LP1	3	50	50	4x16/G-6, IEC01	32 sqmm Dia. IMC	37,620
2	3ALP1	3	50	50	4x16/G-6, IEC01	32 sqmm Dia. IMC	13,900
3	3PP1	3	300	50	4x240/G-25, IEC01	90 sqmm Dia. IMC	176,700
4	3AC1	3	100	50	4x50/G-10, IEC01	50 sqmm Dia. IMC	40,800
5	RESTAURANT 301	3	150	50	4x95/G-16, IEC01	65 sqmm Dia. IMC	83,139
6	RESTAURANT 302	3	100	50	4x50/G-10, IEC01	50 sqmm Dia. IMC	55,424
7	RESTAURANT 303	3	100	50	4x50/G-10, IEC01	50 sqmm Dia. IMC	55,424
8	RESTAURANT 304	3	100	50	4x50/G-10, IEC01	50 sqmm Dia. IMC	55,424
9	RESTAURANT 305	3	100	50	4x50/G-10, IEC01	50 sqmm Dia. IMC	55,424
10	RESTAURANT 306	3	100	50	4x50/G-10, IEC01	50 sqmm Dia. IMC	55,424
11	RESTAURANT 307	3	150	50	4x95/G-16, IEC01	65 sqmm Dia. IMC	83,139
12	RESTAURANT 308	3	150	50	4x95/G-16, IEC01	65 sqmm Dia. IMC	83,139
13	RESTAURANT 309	3	100	50	4x50/G-10, IEC01	50 sqmm Dia. IMC	55,424
14	RESTAURANT 310	3	100	50	4x50/G-10, IEC01	50 sqmm Dia. IMC	55,424
15	RESTAURANT 311	3	100	50	4x50/G-10, IEC01	50 sqmm Dia. IMC	55,424
16	RESTAURANT 312	3	100	50	4x50/G-10, IEC01	50 sqmm Dia. IMC	55,424
17	SPARE	3	50	50	-	-	20,000
18	SPARE	3	50	50	-	-	20,000
19	SPARE	3	50	50	-	-	20,000
20	SPARE	3	50	50	-	-	20,000
21	SPARE	3	50	50	-	-	20,000
22	SPARE	3	50	50	-	-	20,000
23	SPARE	3	50	50	-	-	20,000
24	SPARE	3	50	50	-	-	20,000
CONNECT TO: MDB1		MAIN CB : 3P , 1600AT/1600AF Ic ≥ 50 kA. AT 400 VAC. 50 Hz			MAIN CONDUCTOR : 6[(4x240),IEC01 / G-120, IEC01] RACEWAY: 6 x 100 sqmm Dia. IMC		LOAD SUMMARY 1,177,253 DEMAND FACTOR 0.8 DEMAND LOAD(VA) 941,802

DISTRIBUTION BOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION : 0

DISTRIBUTION BOARD No. 4DB1 Cu BUSBAR : 250 A. 230/400 VAC. 50 Hz. NEUTRAL BUS : 100 % GROUND BUS : 50 %	LOCATION : EE ROOM, 4FL. MOUNTING : WALL MOUNTED
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FEEDER NO.	DESCRIPTION	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD (VA)	
		POLE	AT	Ic(KA)				
1	4LP1	3	50	36	4x16/G-6, IEC01	32 sqmm Dia. IMC	18,360	
2	4PP1	3	100	36	4x50/G-10, IEC01	50 sqmm Dia. IMC	46,200	
3	4AC1	3	30	36	4x6/G-4, IEC01	20 sqmm Dia. IMC	13,000	
4	EV CHARGER 4	3	100	36	4x50/G-10, IEC01	50 sqmm Dia. IMC	62,500	
5	SPARE	3	50	36	-	-	20,000	
6	SPARE	3	50	36	-	-	20,000	
CONNECT TO: MDB1		MAIN CB : 3P , 250AT/250AF Ic ≥ 36 kA. AT 400 VAC. 50 Hz			MAIN CONDUCTOR : 4x185/G-25, IEC01 RACEWAY: 90 sqmm Dia. IMC		LOAD SUMMARY 180,060	
							DEMAND FACTOR	0.8
							DEMAND LOAD(VA)	144,048

DISTRIBUTION BOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION : 0

DISTRIBUTION BOARD No. 5DB1 Cu BUSBAR : 250 A. 230/400 VAC. 50 Hz. NEUTRAL BUS : 100 % GROUND BUS : 50 %	LOCATION : EE ROOM, 5FL. MOUNTING : WALL MOUNTED
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FEEDER NO.	DESCRIPTION	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD (VA)	
		POLE	AT	Ic(KA)				
1	5LP1	3	50	36	4x16/G-6, IEC01	32 sqmm Dia. IMC	18,760	
2	5PP1	3	100	36	4x50/G-10, IEC01	50 sqmm Dia. IMC	46,200	
3	5AC1	3	30	36	4x6/G-4, IEC01	20 sqmm Dia. IMC	13,000	
4	EV CHARGER 5	3	100	36	4x50/G-10, IEC01	50 sqmm Dia. IMC	62,500	
5	SPARE	3	50	36	-	-	20,000	
6	SPARE	3	50	36	-	-	20,000	
CONNECT TO: MDB1		MAIN CB : 3P , 250AT/250AF Ic ≥ 36 kA. AT 400 VAC. 50 Hz			MAIN CONDUCTOR : 4x185/G-25, IEC01	RACEWAY: 90 sqmm Dia. IMC	LOAD SUMMARY DEMAND FACTOR DEMAND LOAD(VA)	180,460 0.8 144,368

DISTRIBUTION BOARD SCHEDULE

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REVISION : 0

DISTRIBUTION BOARD No. 6DB1 Cu BUSBAR : 250 A. 230/400 VAC. 50 Hz. NEUTRAL BUS : 100 % GROUND BUS : 50 %	LOCATION : EE ROOM, 6FL. MOUNTING : WALL MOUNTED
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FEEDER NO.	DESCRIPTION	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD (VA)	
		POLE	AT	Ic(KA)				
1	6LP1	3	50	36	4x16/G-6, IEC01	32 sqmm Dia. IMC	17,920	
2	6PP1	3	100	36	4x50/G-10, IEC01	50 sqmm Dia. IMC	46,200	
3	6AC1	3	30	36	4x6/G-4, IEC01	20 sqmm Dia. IMC	13,000	
4	EV CHARGER 6	3	100	36	4x25/G-10, LSHF	50 sqmm Dia. IMC	62,500	
5	SPARE	3	50	36	-	-	20,000	
6	SPARE	3	50	36	-	-	20,000	
CONNECT TO: MDB1		MAIN CB : 3P , 250AT/250AF Ic ≥ 36 kA. AT 400 VAC. 50 Hz			MAIN CONDUCTOR : 4x185/G-25, IEC01	RACEWAY: 90 sqmm Dia. IMC	LOAD SUMMARY DEMAND FACTOR DEMAND LOAD(VA)	179,620 0.8 143,696

DISTRIBUTION BOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION : 0

DISTRIBUTION BOARD No. 7DB1 Cu BUSBAR : 250 A. 230/400 VAC. 50 Hz. NEUTRAL BUS : 100 % GROUND BUS : 50 %	LOCATION : EE ROOM, 7FL. MOUNTING : WALL MOUNTED
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FEEDER NO.	DESCRIPTION	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD (VA)	
		POLE	AT	Ic(KA)				
1	7LP1	3	50	36	4x16/G-6, IEC01	32 sqmm Dia. IMC	17,920	
2	7PP1	3	100	36	4x50/G-10, IEC01	50 sqmm Dia. IMC	46,200	
3	7AC1	3	50	36	4x16/G-6, IEC01	32 sqmm Dia. IMC	16,000	
4	EV CHARGER 7	3	100	36	4x50/G-10, IEC-01	50 sqmm Dia. IMC	62,500	
5	SPARE	3	50	36	-	-	20,000	
6	SPARE	3	50	36	-	-	20,000	
CONNECT TO: MDB1		MAIN CB : 3P , 250AT/250AF Ic ≥ 36 kA. AT 400 VAC. 50 Hz			MAIN CONDUCTOR : 4x185/G-25, IEC01	RACEWAY: 90 sqmm Dia. IMC	LOAD SUMMARY DEMAND FACTOR DEMAND LOAD(VA)	182,620 0.8 146,096

DISTRIBUTION BOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION : 0

DISTRIBUTION BOARD No. 8DB1
 Cu BUSBAR : 1000 A. 230/400 VAC. 50 Hz.
 NEUTRAL BUS : 100 %
 GROUND BUS : 50 %

LOCATION : EE ROOM, 8FL.
 MOUNTING : WALL MOUNTED

FEEDER NO.	DESCRIPTION	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD (VA)
		POLE	AT	Ic(KA)			
1	8LP1	3	50	50	4x16/G-6, IEC01	32 sqmm Dia. IMC	32,800
2	8PP1	3	150	50	4x95/G-16, IEC01	65 sqmm Dia. IMC	77,700
3	8AC1	3	50	50	4x16/G-6, IEC01	32 sqmm Dia. IMC	20,000
4	EDUCATION LPA	3	70	50	4x35/G-10, IEC01	40 sqmm Dia. IMC	38,800
5	EDUCATION LPL	3	30	50	4x10/G-6, IEC01	25 sqmm Dia. IMC	16,627
6	EDUCATION LPB	3	30	50	4x10/G-6, IEC01	25 sqmm Dia. IMC	16,627
7	EDUCATION LPB	3	30	50	4x10/G-6, IEC01	25 sqmm Dia. IMC	16,627
8	EDUCATION LPB	3	30	50	4x10/G-6, IEC01	25 sqmm Dia. IMC	16,627
9	EDUCATION LPC	3	70	50	4x25/G-6, IEC01	32 sqmm Dia. IMC	38,800
10	EDUCATION LPA	3	70	50	4x35/G-10, IEC01	40 sqmm Dia. IMC	38,800
11	EDUCATION LPL	3	30	50	4x10/G-6, IEC01	25 sqmm Dia. IMC	16,627
12	EDUCATION LPB	3	30	50	4x10/G-6, IEC01	25 sqmm Dia. IMC	16,627
13	EDUCATION LPB	3	30	50	4x10/G-6, IEC01	25 sqmm Dia. IMC	16,627
14	EDUCATION LPB	3	30	50	4x10/G-6, IEC01	25 sqmm Dia. IMC	16,627
15	EDUCATION LPC	3	70	50	4x25/G-6, IEC01	32 sqmm Dia. IMC	38,800
16	EDUCATION LPD	3	20	50	4x10/G-6, IEC01	25 sqmm Dia. IMC	11,085
17	EDUCATION LPD	3	20	50	4x10/G-6, IEC01	25 sqmm Dia. IMC	11,085
18	EDUCATION LPD	3	20	50	4x10/G-6, IEC01	25 sqmm Dia. IMC	11,085
19	EDUCATION LPD	3	20	50	4x10/G-6, IEC01	25 sqmm Dia. IMC	11,085
20	SPACE	-	-	-	-	-	-
21	SPACE	-	-	-	-	-	-
22	SPACE	-	-	-	-	-	-
CONNECT TO: MDB1		MAIN CB : 3P , 700AT/1000AF Ic ≥ 50 kA. AT 400 VAC. 50 Hz			MAIN CONDUCTOR : 3[(4x185),IEC01 / G-50, IEC01] RACEWAY: 3 x 80 sqmm Dia. IMC		LOAD SUMMARY 463,056 DEMAND FACTOR 0.8 DEMAND LOAD(VA) 370,445

DISTRIBUTION BOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION : 0

DISTRIBUTION BOARD No. 9DB1
 Cu BUSBAR : 1250A. 230/400 VAC. 50 Hz.
 NEUTRAL BUS : 100 %
 GROUND BUS : 50 %

LOCATION : EE ROOM, 9FL.
 MOUNTING : WALL MOUNTED

FEEDER NO.	DESCRIPTION	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD (VA)
		POLE	AT	Ic(KA)			
1	9LP1	3	100	50	4x50/G-10, IEC01	50 sqmm Dia. IMC	49,120
2	9PP1	3	250	50	4x185/G-25, IEC01	80 sqmm Dia. IMC	151,200
3	9AC1	3	50	50	4x16/G-6, IEC01	32 sqmm Dia. IMC	21,500
4	RESTAURANT	3	200	50	4x120G-16, IEC01	65 sqmm Dia. IMC	111,000
5	RESTAURANT	3	200	50	4x120G-16, IEC01	65 sqmm Dia. IMC	111,000
6	RESTAURANT	3	200	50	4x120G-16, IEC01	65 sqmm Dia. IMC	111,000
7	LED DISPLAY	3	150	50	4x95/G-16, IEC01	65 sqmm Dia. IMC	85,000
8	SPARE FOR EVENT	3	50	50	4x16/G-6, IEC01	32 sqmm Dia. IMC	30,000
9	SPARE FOR EVENT	3	50	50	4x16/G-6, IEC01	32 sqmm Dia. IMC	30,000
10	SPARE	3	50	50	-	-	20,000
11	SPARE	3	50	50	-	-	20,000
12	SPARE	3	50	50	-	-	20,000
CONNECT TO: MDB2		MAIN CB : 3P , 1000AT/1250AF Ic ≥ 50 kA. AT 400 VAC. 50 Hz			MAIN CONDUCTOR : 4[(4x185),IEC01 / G-70, IEC01] RACEWAY: 4 x 80 sqmm Dia. IMC		LOAD SUMMARY 759,820
							DEMAND FACTOR 0.8
							DEMAND LOAD(VA) 607,856

DISTRIBUTION BOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION : 0

DISTRIBUTION BOARD No. 9ADB1
 Cu BUSBAR : 400 A. 230/400 VAC. 50 Hz.
 NEUTRAL BUS : 100 %
 GROUND BUS : 50 %

LOCATION : EE ROOM, 9FL.
 MOUNTING : WALL MOUNTED

FEEDER NO.	DESCRIPTION	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD (VA)
		POLE	AT	Ic(KA)			
1	9ALP1	3	50	36	4x16/G-6, IEC01	32 sqmm Dia. IMC	28,940
2	9APP1	3	100	36	4x50/G-10, IEC01	50 sqmm Dia. IMC	46,200
3	9AAC1	3	100	36	4x50/G-10, IEC01	50 sqmm Dia. IMC	51,750
4	9AAC2	3	100	36	4x50/G-10, IEC01	50 sqmm Dia. IMC	50,750
5	MULTIPURPOSE	3	100	36	4x50/G-10, IEC01	50 sqmm Dia. IMC	55,000
6	SPARE	3	50	36	-	-	20,000
7	SPARE	3	50	36	-	-	20,000
8	SPARE	3	50	36	-	-	20,000
CONNECT TO: MDB2		MAIN CB : 3P , 400AT/400AF Ic ≥ 36kA. AT 400 VAC. 50 Hz			MAIN CONDUCTOR : 2[(4x120) / G-25, IEC01] RACEWAY: 2 x 65 sqmm Dia. IMC		LOAD SUMMARY 292,640
							DEMAND FACTOR 0.8
							DEMAND LOAD(VA) 234,112

DISTRIBUTION BOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION : 0

DISTRIBUTION BOARD No. 10DB1
 Cu BUSBAR : 400 A. 230/400 VAC. 50 Hz.
 NEUTRAL BUS : 100 %
 GROUND BUS : 50 %

LOCATION : EE ROOM, 10FL.
 MOUNTING : WALL MOUNTED

FEEDER NO.	DESCRIPTION	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD (VA)
		POLE	AT	Ic(KA)			
1	10LP1	3	50	36	4x16/G-6, IEC01	32 sqmm Dia. IMC	26,580
2	10PP1	3	100	36	4x50/G-10, IEC01	50 sqmm Dia. IMC	46,200
3	10AC1	3	80	36	4x35/G-10, IEC01	40 sqmm Dia. IMC	19,500
4	RETAIL	3	30	36	4x6 /G-4, IEC01	20 sqmm Dia. IMC	16,700
5	RETAIL	3	30	36	4x6 /G-4, IEC01	20 sqmm Dia. IMC	16,700
6	RETAIL	3	20	36	4x4 /G-2.5, IEC01	20 sqmm Dia. IMC	11,100
7	RETAIL	3	30	36	4x6 /G-4, IEC01	20 sqmm Dia. IMC	16,700
8	RETAIL	3	30	36	4x6 /G-4, IEC01	20 sqmm Dia. IMC	16,700
9	RETAIL	3	20	36	4x4 /G-2.5, IEC01	20 sqmm Dia. IMC	11,100
10	FOR OUTDOOR EVENT	3	50	36	4x16/G-6, IEC01	32 sqmm Dia. IMC	27,712
11	FOR OUTDOOR EVENT	3	50	36	4x16/G-6, IEC01	32 sqmm Dia. IMC	27,712
12	SPARE	3	50	36	-	-	20,000
13	SPARE	3	50	36	-	-	20,000
14	SPARE	3	50	36	-	-	20,000
CONNECT TO: MDB2		MAIN CB : 3P , 400AT/400AF Ic ≥ 36kA. AT 400 VAC. 50 Hz			MAIN CONDUCTOR : 2[(4x120) / G-25, IEC01] RACEWAY: 2 x 65 sqmm Dia. IMC		LOAD SUMMARY 296,704 DEMAND FACTOR 0.8 DEMAND LOAD(VA) 237,363

DISTRIBUTION BOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION : 0

DISTRIBUTION BOARD No. 11DB1 Cu BUSBAR : 400 A. 230/400 VAC. 50 Hz. NEUTRAL BUS : 100 % GROUND BUS : 50 %	LOCATION : EE ROOM, 11FL. MOUNTING : WALL MOUNTED
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FEEDER NO.	DESCRIPTION	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD (VA)
		POLE	AT	Ic(KA)			
1	11LP1	3	50	36	4x16/G-6, IEC01	32 sqmm Dia. IMC	24,150
2	11PP1	3	100	36	4x50/G-10, IEC01	50 sqmm Dia. IMC	46,200
3	11AC1	3	30	36	4x6/G-4, IEC01	20 sqmm Dia. IMC	12,000
4	EDUCATION LPE	3	30	36	4x6 /G-4, IEC01	20 sqmm Dia. IMC	16,700
5	EDUCATION LPE	3	30	36	4x6 /G-4, IEC01	20 sqmm Dia. IMC	16,700
6	EDUCATION LPF	3	70	36	4x25/G-6, IEC01	32 sqmm Dia. IMC	39,000
7	EDUCATION LPE	3	30	36	4x6 /G-4, IEC01	20 sqmm Dia. IMC	16,700
8	EDUCATION LPE	3	30	36	4x6 /G-4, IEC01	20 sqmm Dia. IMC	16,700
9	EDUCATION LPF	3	70	36	4x25/G-6, IEC01	32 sqmm Dia. IMC	39,000
10	SPACE	-	-	-	-	-	-
11	SPACE	-	-	-	-	-	-
12	SPACE	-	-	-	-	-	-
CONNECT TO: MDB2		MAIN CB : 3P , 400AT/400AF Ic ≥ 36kA. AT 400 VAC. 50 Hz			MAIN CONDUCTOR : 2[(4x120) / G-25, IEC01] RACEWAY: 2 x 65 sqmm Dia. IMC		LOAD SUMMARY 227,150
							DEMAND FACTOR 0.8
							DEMAND LOAD(VA) 181,720

DISTRIBUTION BOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION : 0

DISTRIBUTION BOARD No. 12DB1
 Cu BUSBAR : 400 A. 230/400 VAC. 50 Hz.
 NEUTRAL BUS : 100 %
 GROUND BUS : 50 %

LOCATION : EE ROOM, 12FL.
 MOUNTING : WALL MOUNTED

FEEDER NO.	DESCRIPTION	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD (VA)
		POLE	AT	Ic(KA)			
1	12LP1	3	50	36	4x16/G-6, IEC01	32 sqmm Dia. IMC	15,800
2	12PP1	3	100	36	4x50/G-10, IEC01	50 sqmm Dia. IMC	46,200
3	12AC1	3	30	36	4x6/G-4, IEC01	20 sqmm Dia. IMC	12,000
4	EDUCATION LPE	3	30	36	4x6 /G-4, IEC01	20 sqmm Dia. IMC	16,700
5	EDUCATION LPE	3	30	36	4x6 /G-4, IEC01	20 sqmm Dia. IMC	16,700
6	EDUCATION LPF	3	70	36	4x25/G-6, IEC01	32 sqmm Dia. IMC	39,000
7	EDUCATION LPE	3	30	36	4x6 /G-4, IEC01	20 sqmm Dia. IMC	16,700
8	EDUCATION LPE	3	30	36	4x6 /G-4, IEC01	20 sqmm Dia. IMC	16,700
9	EDUCATION LPF	3	70	36	4x25/G-6, IEC01	32 sqmm Dia. IMC	39,000
10	SPACE	-	-	-	-	-	-
11	SPACE	-	-	-	-	-	-
12	SPACE	-	-	-	-	-	-
CONNECT TO: MDB2		MAIN CB : 3P , 400AT/400AF Ic ≥ 36 kA. AT 400 VAC. 50 Hz			MAIN CONDUCTOR : 2[(4x120) / G-25, IEC01] RACEWAY: 2 x 65 sqmm Dia. IMC		LOAD SUMMARY 218,800
							DEMAND FACTOR 0.8
							DEMAND LOAD(VA) 175,040

DISTRIBUTION BOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION : 0

DISTRIBUTION BOARD No. 13DB1
 Cu BUSBAR : 400 A. 230/400 VAC. 50 Hz.
 NEUTRAL BUS : 100 %
 GROUND BUS : 50 %

LOCATION : EE ROOM, 13FL.
 MOUNTING : WALL MOUNTED

FEEDER NO.	DESCRIPTION	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD (VA)
		POLE	AT	Ic(KA)			
1	13LP1	3	50	36	4x16/G-6, IEC01	32 sqmm Dia. IMC	15,800
2	13PP1	3	100	36	4x50/G-10, IEC01	50 sqmm Dia. IMC	46,200
3	13AC1	3	30	36	4x6/G-4, IEC01	20 sqmm Dia. IMC	12,000
4	EDUCATION LPE	3	30	36	4x6 /G-4, IEC01	20 sqmm Dia. IMC	16,700
5	EDUCATION LPE	3	30	36	4x6 /G-4, IEC01	20 sqmm Dia. IMC	16,700
6	EDUCATION LPF	3	70	36	4x25/G-6, IEC01	32 sqmm Dia. IMC	39,000
7	EDUCATION LPE	3	30	36	4x6 /G-4, IEC01	20 sqmm Dia. IMC	16,700
8	EDUCATION LPE	3	30	36	4x6 /G-4, IEC01	20 sqmm Dia. IMC	16,700
9	EDUCATION LPF	3	70	36	4x25/G-6, IEC01	32 sqmm Dia. IMC	39,000
10	SPACE	-	-	-	-	-	-
11	SPACE	-	-	-	-	-	-
12	SPACE	-	-	-	-	-	-
CONNECT TO: MDB2		MAIN CB : 3P , 400AT/400AF Ic ≥ 36 kA. AT 400 VAC. 50 Hz			MAIN CONDUCTOR : 2[(4x120) / G-25, IEC01] RACEWAY: 2 x 65 sqmm Dia. IMC		LOAD SUMMARY 218,800
							DEMAND FACTOR 0.8
							DEMAND LOAD(VA) 175,040

DISTRIBUTION BOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION : 0

DISTRIBUTION BOARD No. 14DB1
 Cu BUSBAR : 400 A. 230/400 VAC. 50 Hz.
 NEUTRAL BUS : 100 %
 GROUND BUS : 50 %

LOCATION : EE ROOM, 14FL.
 MOUNTING : WALL MOUNTED

FEEDER NO.	DESCRIPTION	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD (VA)
		POLE	AT	Ic(KA)			
1	14LP1	3	50	36	4x16/G-6, IEC01	32 sqmm Dia. IMC	15,800
2	14PP1	3	80	36	4x35/G-10, IEC01	50 sqmm Dia. IMC	46,200
3	14AC1	3	30	36	4x6/G-4, IEC01	20 sqmm Dia. IMC	12,000
4	EDUCATION LPE	3	30	36	4x6 /G-4, IEC01	20 sqmm Dia. IMC	16,700
5	EDUCATION LPE	3	30	36	4x6 /G-4, IEC01	20 sqmm Dia. IMC	16,700
6	EDUCATION LPF	3	70	36	4x25/G-6, IEC01	32 sqmm Dia. IMC	39,000
7	EDUCATION LPE	3	30	36	4x6 /G-4, IEC01	20 sqmm Dia. IMC	16,700
8	EDUCATION LPE	3	30	36	4x6 /G-4, IEC01	20 sqmm Dia. IMC	16,700
9	EDUCATION LPF	3	70	36	4x25/G-6, IEC01	32 sqmm Dia. IMC	39,000
10	SPACE	-	-	-	-	-	-
11	SPACE	-	-	-	-	-	-
12	SPACE	-	-	-	-	-	-
CONNECT TO: MDB2		MAIN CB : 3P , 400AT/400AF Ic ≥ 36 kA. AT 400 VAC. 50 Hz			MAIN CONDUCTOR : 2[(4x120) / G-25, IEC01]	RACEWAY: 2 x 65 sqmm Dia. IMC	LOAD SUMMARY 218,800
							DEMAND FACTOR 0.8
							DEMAND LOAD(VA) 175,040

DISTRIBUTION BOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION : 0

DISTRIBUTION BOARD No. 15DB1
 Cu BUSBAR : 400 A. 230/400 VAC. 50 Hz.
 NEUTRAL BUS : 100 %
 GROUND BUS : 50 %

LOCATION : EE ROOM, 15FL.
 MOUNTING : WALL MOUNTED

FEEDER NO.	DESCRIPTION	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD (VA)
		POLE	AT	Ic(KA)			
1	15LP1	3	50	36	4x16/G-6, IEC01	32 sqmm Dia. IMC	15,260
2	15AC1	3	30	36	4x6 /G-4, IEC01	20 sqmm Dia. IMC	9,500
3	OFFICE LPG	3	30	36	4x6 /G-4, IEC01	20 sqmm Dia. IMC	16,700
4	OFFICE LPG	3	30	36	4x6 /G-4, IEC01	20 sqmm Dia. IMC	16,700
5	OFFICE LPH	3	70	36	4x25/G-6, IEC01	32 sqmm Dia. IMC	39,000
6	OFFICE LPG	3	30	36	4x6 /G-4, IEC01	20 sqmm Dia. IMC	16,700
7	OFFICE LPG	3	30	36	4x6 /G-4, IEC01	20 sqmm Dia. IMC	16,700
8	OFFICE LPH	3	30	36	4x25/G-6, IEC01	32 sqmm Dia. IMC	39,000
9	OFFICE LPI	3	20	36	4x4/G-2.5, IEC01	20 sqmm Dia. IMC	11,100
10	OFFICE LPI	3	20	36	4x4/G-2.5, IEC01	20 sqmm Dia. IMC	11,100
11	SPACE	-	-	-	-	-	-
12	SPACE	-	-	-	-	-	-
13	SPACE	-	-	-	-	-	-
14	SPACE	-	-	-	-	-	-
CONNECT TO: MDB2		MAIN CB : 3P , 400AT/400AF Ic ≥ 36 kA. AT 400 VAC. 50 Hz			MAIN CONDUCTOR : 2[(4x120) / G-25, IEC01]	RACEWAY: 2 x 65 sqmm Dia. IMC	LOAD SUMMARY 191,760
							DEMAND FACTOR 0.8
							DEMAND LOAD(VA) 153,408

DISTRIBUTION BOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18
 REVISION : 0

DISTRIBUTION BOARD No. 16DB1 Cu BUSBAR : 400 A. 230/400 VAC. 50 Hz. NEUTRAL BUS : 100 % GROUND BUS : 50 %	LOCATION : EE ROOM, 16FL. MOUNTING : WALL MOUNTED
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FEEDER NO.	DESCRIPTION	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD (VA)	
		POLE	AT	Ic(KA)				
1	16LP1	3	50	36	4x16/G-6, IEC01	32 sqmm Dia. IMC	16,160	
2	16AC1	3	30	36	4x6 /G-4, IEC01	20 sqmm Dia. IMC	9,500	
3	OFFICE LPG	3	30	36	4x6 /G-4, IEC01	20 sqmm Dia. IMC	16,700	
4	OFFICE LPG	3	30	36	4x6 /G-4, IEC01	20 sqmm Dia. IMC	16,700	
5	OFFICE LPH	3	70	36	4x25/G-6, IEC01	32 sqmm Dia. IMC	39,000	
6	OFFICE LPG	3	30	36	4x6 /G-4, IEC01	20 sqmm Dia. IMC	16,700	
7	OFFICE LPG	3	30	36	4x6 /G-4, IEC01	20 sqmm Dia. IMC	16,700	
8	OFFICE LPH	3	70	36	4x25/G-6, IEC01	32 sqmm Dia. IMC	39,000	
9	OFFICE LPI	3	20	36	4x4/G-2.5, IEC01	20 sqmm Dia. IMC	11,100	
10	OFFICE LPI	3	20	36	4x4/G-2.5, IEC01	20 sqmm Dia. IMC	11,100	
11	OFFICE LPJ	3	20	36	4x4/G-2.5, IEC01	20 sqmm Dia. IMC	11,100	
12	SPACE	-	-	-	-	-	-	
13	SPACE	-	-	-	-	-	-	
14	SPACE	-	-	-	-	-	-	
CONNECT TO: MDB2		MAIN CB : 3P , 400AT/400AF Ic ≥ 36 kA. AT 400 VAC. 50 Hz			MAIN CONDUCTOR : 2[(4x120) / G-25, IEC01]	RACEWAY: 2 x 65 sqmm Dia. IMC	LOAD SUMMARY DEMAND FACTOR DEMAND LOAD(VA)	203,760 0.8 163,008

DISTRIBUTION BOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION : 0

DISTRIBUTION BOARD No. 17DB1
 Cu BUSBAR : 400 A. 230/400 VAC. 50 Hz.
 NEUTRAL BUS : 100 %
 GROUND BUS : 50 %

LOCATION : EE ROOM, 17FL.
 MOUNTING : WALL MOUNTED

FEEDER NO.	DESCRIPTION	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD (VA)	
		POLE	AT	Ic(KA)				
1	17LP1	3	50	36	4x16/G-6, IEC01	32 sqmm Dia. IMC	16,160	
2	17AC1	3	30	36	4x6 /G-4, IEC01	20 sqmm Dia. IMC	9,500	
3	OFFICE LPG	3	30	36	4x6 /G-4, IEC01	20 sqmm Dia. IMC	16,700	
4	OFFICE LPG	3	30	36	4x6 /G-4, IEC01	20 sqmm Dia. IMC	16,700	
5	OFFICE LPH	3	70	36	4x25/G-6, IEC01	32 sqmm Dia. IMC	39,000	
6	OFFICE LPG	3	70	36	4x25/G-6, IEC01	32 sqmm Dia. IMC	16,700	
7	OFFICE LPG	3	30	36	4x6 /G-4, IEC01	20 sqmm Dia. IMC	16,700	
8	OFFICE LPH	3	30	36	4x6 /G-4, IEC01	20 sqmm Dia. IMC	39,000	
9	OFFICE LPI	3	20	36	4x4/G-2.5, IEC01	20 sqmm Dia. IMC	11,100	
10	OFFICE LPI	3	20	36	4x4/G-2.5, IEC01	20 sqmm Dia. IMC	11,100	
11	OFFICE LPJ	3	20	36	4x4/G-2.5, IEC01	20 sqmm Dia. IMC	11,100	
12	SPACE	-	-	-	-	-	-	
13	SPACE	-	-	-	-	-	-	
14	SPACE	-	-	-	-	-	-	
CONNECT TO: MDB2		MAIN CB : 3P , 400AT/400AF Ic ≥ 36 kA. AT 400 VAC. 50 Hz			MAIN CONDUCTOR : 2[(4x120) / G-25, IEC01]	LOAD SUMMARY	203,760	
					RACEWAY: 2 x 65 sqmm Dia. IMC		DEMAND FACTOR	0.8
							DEMAND LOAD(VA)	163,008

DISTRIBUTION BOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION : 0

DISTRIBUTION BOARD No. 18DB1
 Cu BUSBAR : 400 A. 230/400 VAC. 50 Hz.
 NEUTRAL BUS : 100 %
 GROUND BUS : 50 %

LOCATION : EE ROOM, 18FL.
 MOUNTING : WALL MOUNTED

FEEDER NO.	DESCRIPTION	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD (VA)
		POLE	AT	Ic(KA)			
1	18LP1	3	50	36	4x16/G-6, IEC01	32 sqmm Dia. IMC	16,160
2	18AC1	3	30	36	4x6 /G-4, IEC01	20 sqmm Dia. IMC	9,500
3	OFFICE LPG	3	30	36	4x6 /G-4, IEC01	20 sqmm Dia. IMC	16,700
4	OFFICE LPG	3	30	36	4x6 /G-4, IEC01	20 sqmm Dia. IMC	16,700
5	OFFICE LPH	3	70	36	4x25/G-6, IEC01	32 sqmm Dia. IMC	39,000
6	OFFICE LPG	3	70	36	4x25/G-6, IEC01	32 sqmm Dia. IMC	16,700
7	OFFICE LPG	3	30	36	4x6 /G-4, IEC01	20 sqmm Dia. IMC	16,700
8	OFFICE LPH	3	30	36	4x6 /G-4, IEC01	20 sqmm Dia. IMC	39,000
9	OFFICE LPI	3	20	36	4x4/G-2.5, IEC01	20 sqmm Dia. IMC	11,100
10	OFFICE LPI	3	20	36	4x4/G-2.5, IEC01	20 sqmm Dia. IMC	11,100
11	OFFICE LPJ	3	20	36	4x4/G-2.5, IEC01	20 sqmm Dia. IMC	11,100
12	SPACE	-	-	-	-	-	-
13	SPACE	-	-	-	-	-	-
14	SPACE	-	-	-	-	-	-
CONNECT TO: MDB2		MAIN CB : 3P , 400AT/400AF Ic ≥ 36 kA. AT 400 VAC. 50 Hz			MAIN CONDUCTOR : 2[(4x120) / G-25, IEC01] RACEWAY: 2 x 65 sqmm Dia. IMC		LOAD SUMMARY 203,760
							DEMAND FACTOR 0.8
							DEMAND LOAD(VA) 163,008

DISTRIBUTION BOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION : 0

DISTRIBUTION BOARD No. 19DB1
 Cu BUSBAR : 400 A. 230/400 VAC. 50 Hz.
 NEUTRAL BUS : 100 %
 GROUND BUS : 50 %

LOCATION : EE ROOM, 19FL.
 MOUNTING : WALL MOUNTED

FEEDER NO.	DESCRIPTION	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD (VA)	
		POLE	AT	Ic(KA)				
1	19LP1	3	50	36	4x16/G-6, IEC01	32 sqmm Dia. IMC	16,160	
2	19AC1	3	30	36	4x6 /G-4, IEC01	20 sqmm Dia. IMC	9,500	
3	OFFICE LPG	3	30	36	4x6 /G-4, IEC01	20 sqmm Dia. IMC	16,700	
4	OFFICE LPG	3	30	36	4x6 /G-4, IEC01	20 sqmm Dia. IMC	16,700	
5	OFFICE LPH	3	70	36	4x25/G-6, IEC01	32 sqmm Dia. IMC	39,000	
6	OFFICE LPG	3	70	36	4x25/G-6, IEC01	32 sqmm Dia. IMC	16,700	
7	OFFICE LPG	3	30	36	4x6 /G-4, IEC01	20 sqmm Dia. IMC	16,700	
8	OFFICE LPH	3	30	36	4x6 /G-4, IEC01	20 sqmm Dia. IMC	39,000	
9	OFFICE LPI	3	20	36	4x4/G-2.5, IEC01	20 sqmm Dia. IMC	11,100	
10	OFFICE LPI	3	20	36	4x4/G-2.5, IEC01	20 sqmm Dia. IMC	11,100	
11	OFFICE LPJ	3	20	36	4x4/G-2.5, IEC01	20 sqmm Dia. IMC	11,100	
12	SPACE	-	-	-	-	-	-	
13	SPACE	-	-	-	-	-	-	
14	SPACE	-	-	-	-	-	-	
CONNECT TO: MDB2		MAIN CB : 3P , 400AT/400AF Ic ≥ 36 kA. AT 400 VAC. 50 Hz			MAIN CONDUCTOR : 2[(4x120) / G-25, IEC01]	LOAD SUMMARY	203,760	
					RACEWAY: 2 x 65 sqmm Dia. IMC		DEMAND FACTOR	0.8
							DEMAND LOAD(VA)	163,008

DISTRIBUTION BOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION : 0

DISTRIBUTION BOARD No. 20DB1
 Cu BUSBAR : 400 A. 230/400 VAC. 50 Hz.
 NEUTRAL BUS : 100 %
 GROUND BUS : 50 %

LOCATION : EE ROOM, 20FL.
 MOUNTING : WALL MOUNTED

FEEDER NO.	DESCRIPTION	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD (VA)	
		POLE	AT	Ic(KA)				
1	20LP1	3	50	36	4x16/G-6, IEC01	32 sqmm Dia. IMC	16,160	
2	20AC1	3	30	36	4x6 /G-4, IEC01	20 sqmm Dia. IMC	9,500	
3	OFFICE LPG	3	30	36	4x6 /G-4, IEC01	20 sqmm Dia. IMC	16,700	
4	OFFICE LPG	3	30	36	4x6 /G-4, IEC01	20 sqmm Dia. IMC	16,700	
5	OFFICE LPH	3	70	36	4x25/G-6, IEC01	32 sqmm Dia. IMC	39,000	
6	OFFICE LPG	3	70	36	4x25/G-6, IEC01	32 sqmm Dia. IMC	16,700	
7	OFFICE LPG	3	30	36	4x6 /G-4, IEC01	20 sqmm Dia. IMC	16,700	
8	OFFICE LPH	3	30	36	4x6 /G-4, IEC01	20 sqmm Dia. IMC	39,000	
9	OFFICE LPI	3	20	36	4x4/G-2.5, IEC01	20 sqmm Dia. IMC	11,100	
10	OFFICE LPI	3	20	36	4x4/G-2.5, IEC01	20 sqmm Dia. IMC	11,100	
11	OFFICE LPJ	3	20	36	4x4/G-2.5, IEC01	20 sqmm Dia. IMC	11,100	
12	SPACE	-	-	-	-	-	-	
13	SPACE	-	-	-	-	-	-	
14	SPACE	-	-	-	-	-	-	
CONNECT TO: MDB2		MAIN CB : 3P , 400AT/400AF Ic ≥ 36 kA. AT 400 VAC. 50 Hz			MAIN CONDUCTOR : 2[(4x120) / G-25, IEC01]	RACEWAY: 2 x 65 sqmm Dia. IMC	LOAD SUMMARY 203,760	DEMAND FACTOR 0.8
							DEMAND LOAD(VA) 163,008	

DISTRIBUTION BOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION : 0

DISTRIBUTION BOARD No. 21DB1
 Cu BUSBAR : 400 A. 230/400 VAC. 50 Hz.
 NEUTRAL BUS : 100 %
 GROUND BUS : 50 %

LOCATION : EE ROOM, 21FL.
 MOUNTING : WALL MOUNTED

FEEDER NO.	DESCRIPTION	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD (VA)
		POLE	AT	Ic(KA)			
1	21LP1	3	50	36	4x16/G-6, IEC01	32 sqmm Dia. IMC	16,160
2	21AC1	3	30	36	4x6 /G-4, IEC01	20 sqmm Dia. IMC	9,500
3	OFFICE LPG	3	30	36	4x6 /G-4, IEC01	20 sqmm Dia. IMC	16,700
4	OFFICE LPG	3	30	36	4x6 /G-4, IEC01	20 sqmm Dia. IMC	16,700
5	OFFICE LPH	3	70	36	4x25/G-6, IEC01	32 sqmm Dia. IMC	39,000
6	OFFICE LPG	3	70	36	4x25/G-6, IEC01	32 sqmm Dia. IMC	16,700
7	OFFICE LPG	3	30	36	4x6 /G-4, IEC01	20 sqmm Dia. IMC	16,700
8	OFFICE LPH	3	30	36	4x6 /G-4, IEC01	20 sqmm Dia. IMC	39,000
9	OFFICE LPI	3	20	36	4x4/G-2.5, IEC01	20 sqmm Dia. IMC	11,100
10	OFFICE LPI	3	20	36	4x4/G-2.5, IEC01	20 sqmm Dia. IMC	11,100
11	OFFICE LPJ	3	20	36	4x4/G-2.5, IEC01	20 sqmm Dia. IMC	11,100
12	SPACE	-	-	-	-	-	-
13	SPACE	-	-	-	-	-	-
14	SPACE	-	-	-	-	-	-
CONNECT TO: MDB2		MAIN CB : 3P , 400AT/400AF Ic ≥ 36 kA. AT 400 VAC. 50 Hz			MAIN CONDUCTOR : 2[(4x120) / G-25, IEC01]	RACEWAY: 2 x 65 sqmm Dia. IMC	LOAD SUMMARY 203,760
							DEMAND FACTOR 0.8
							DEMAND LOAD(VA) 163,008

DISTRIBUTION BOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION : 0

DISTRIBUTION BOARD No. 22DB1 Cu BUSBAR : 400 A. 230/400 VAC. 50 Hz. NEUTRAL BUS : 100 % GROUND BUS : 50 %	LOCATION : EE ROOM, 22FL. MOUNTING : WALL MOUNTED
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FEEDER NO.	DESCRIPTION	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD (VA)
		POLE	AT	Ic(KA)			
1	22LP1	3	50	36	4x16/G-6, IEC01	32 sqmm Dia. IMC	16,160
2	22AC1	3	30	36	4x6 /G-4, IEC01	20 sqmm Dia. IMC	9,500
3	OFFICE LPG	3	30	36	4x6 /G-4, IEC01	20 sqmm Dia. IMC	16,700
4	OFFICE LPG	3	30	36	4x6 /G-4, IEC01	20 sqmm Dia. IMC	16,700
5	OFFICE LPH	3	70	36	4x25/G-6, IEC01	32 sqmm Dia. IMC	39,000
6	OFFICE LPG	3	70	36	4x25/G-6, IEC01	32 sqmm Dia. IMC	16,700
7	OFFICE LPG	3	30	36	4x6 /G-4, IEC01	20 sqmm Dia. IMC	16,700
8	OFFICE LPH	3	30	36	4x6 /G-4, IEC01	20 sqmm Dia. IMC	39,000
9	OFFICE LPI	3	20	36	4x4/G-2.5, IEC01	20 sqmm Dia. IMC	11,100
10	OFFICE LPI	3	20	36	4x4/G-2.5, IEC01	20 sqmm Dia. IMC	11,100
11	OFFICE LPJ	3	20	36	4x4/G-2.5, IEC01	20 sqmm Dia. IMC	11,100
12	SPACE	-	-	-	-	-	-
13	SPACE	-	-	-	-	-	-
14	SPACE	-	-	-	-	-	-
CONNECT TO: MDB2		MAIN CB : 3P , 400AT/400AF Ic ≥ 36 kA. AT 400 VAC. 50 Hz			MAIN CONDUCTOR : 2[(4x120) / G-25, IEC01] RACEWAY: 2 x 65 sqmm Dia. IMC		LOAD SUMMARY 203,760
						DEMAND FACTOR 0.8	DEMAND LOAD(VA) 163,008

DISTRIBUTION BOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION : 0

DISTRIBUTION BOARD No. 23DB1 Cu BUSBAR : 400 A. 230/400 VAC. 50 Hz. NEUTRAL BUS : 100 % GROUND BUS : 50 %	LOCATION : EE ROOM, 23FL. MOUNTING : WALL MOUNTED
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FEEDER NO.	DESCRIPTION	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD (VA)
		POLE	AT	Ic(KA)			
1	23LP1	3	50	36	4x16/G-6, IEC01	32 sqmm Dia. IMC	16,160
2	23AC1	3	30	36	4x6 /G-4, IEC01	20 sqmm Dia. IMC	9,500
3	OFFICE LPG	3	30	36	4x6 /G-4, IEC01	20 sqmm Dia. IMC	16,700
4	OFFICE LPG	3	30	36	4x6 /G-4, IEC01	20 sqmm Dia. IMC	16,700
5	OFFICE LPH	3	70	36	4x25/G-6, IEC01	32 sqmm Dia. IMC	39,000
6	OFFICE LPG	3	70	36	4x25/G-6, IEC01	32 sqmm Dia. IMC	16,700
7	OFFICE LPG	3	30	36	4x6 /G-4, IEC01	20 sqmm Dia. IMC	16,700
8	OFFICE LPH	3	30	36	4x6 /G-4, IEC01	20 sqmm Dia. IMC	39,000
9	OFFICE LPI	3	20	36	4x4/G-2.5, IEC01	20 sqmm Dia. IMC	11,100
10	OFFICE LPI	3	20	36	4x4/G-2.5, IEC01	20 sqmm Dia. IMC	11,100
11	OFFICE LPJ	3	20	36	4x4/G-2.5, IEC01	20 sqmm Dia. IMC	11,100
12	SPACE	-	-	-	-	-	-
13	SPACE	-	-	-	-	-	-
14	SPACE	-	-	-	-	-	-
CONNECT TO: MDB2		MAIN CB : 3P , 400AT/400AF Ic ≥ 36 kA. AT 400 VAC. 50 Hz			MAIN CONDUCTOR : 2[(4x120) / G-25, IEC01] RACEWAY: 2 x 65 sqmm Dia. IMC		LOAD SUMMARY 203,760
						DEMAND FACTOR 0.8	
						DEMAND LOAD(VA)	163,008

DISTRIBUTION BOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION : 0

DISTRIBUTION BOARD No. 24DB1 Cu BUSBAR : 600 A. 230/400 VAC. 50 Hz. NEUTRAL BUS : 100 % GROUND BUS : 50 %	LOCATION : EE ROOM, 24FL. MOUNTING : WALL MOUNTED
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FEEDER NO.	DESCRIPTION	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD (VA)
		POLE	AT	Ic(KA)			
1	24LP1	3	50	36	4x16/G-6, IEC01	32 sqmm Dia. IMC	16,160
2	25LP1	3	50	36	4x16/G-6, IEC01	32 sqmm Dia. IMC	47,440
3	24AC1	3	30	36	4x6 /G-4, IEC01	20 sqmm Dia. IMC	9,500
4	OFFICE LPG	3	30	36	4x6 /G-4, IEC01	20 sqmm Dia. IMC	16,700
5	OFFICE LPG	3	30	36	4x6 /G-4, IEC01	20 sqmm Dia. IMC	16,700
6	OFFICE LPH	3	70	36	4x25/G-6, IEC01	32 sqmm Dia. IMC	39,000
7	OFFICE LPG	3	70	36	4x25/G-6, IEC01	32 sqmm Dia. IMC	16,700
8	OFFICE LPG	3	30	36	4x6 /G-4, IEC01	20 sqmm Dia. IMC	16,700
9	OFFICE LPH	3	30	36	4x6 /G-4, IEC01	20 sqmm Dia. IMC	39,000
10	OFFICE LPI	3	20	36	4x4/G-2.5, IEC01	20 sqmm Dia. IMC	11,100
11	OFFICE LPI	3	20	36	4x4/G-2.5, IEC01	20 sqmm Dia. IMC	11,100
12	OFFICE LPJ	3	20	36	4x4/G-2.5, IEC01	20 sqmm Dia. IMC	11,100
13	MCC-WATER SOFTENER	3	20	36	4x4/G-2.5, IEC01	20 sqmm Dia. IMC	1,000
14	SPARE	3	50	36	-	-	20,000
15	SPARE	3	50	36	-	-	20,000
16	SPARE	3	50	36	-	-	20,000
CONNECT TO: MDB2		MAIN CB : 3P , 500AT/600AF Ic ≥ 36 kA. AT 400 VAC. 50 Hz			MAIN CONDUCTOR : 2[(4x185) / G-35, IEC01]		LOAD SUMMARY 312,200
					RACEWAY: 2 x 80 sqmm Dia. IMC		DEMAND FACTOR 0.8
							DEMAND LOAD(VA) 249,760

SITE 83 CO.,LTD.

LP

SEP, 2018



PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION 0

PANEL NO. : 1LP1		LOCATION :				EE ROOM 1 FL.					
CAPACITY : 100 A. 36 CIRCUITS, 230/400 VAC. 50 Hz.		MOUNTING :				WALL MOUNTED					
MAIN : CB											
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA			
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C	
1	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	1,520			
3	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		1,200		
5	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT			960	
7	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	1,200			
9	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		1,000		
11	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT			480	
13	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	520			
15	ไฟฟ้าแสงสว่าง 1A		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		840		
17	ไฟฟ้าแสงสว่าง 1A		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT			480	
19	ไฟฟ้าแสงสว่าง Landscape	a	1	20	5	2x1C-10 /G-6, NYY	dia. 40mm NYY	2,200			
21	ไฟฟ้าแสงสว่าง Landscape	a	1	16	5	2x1C-4 /G-2.5, NYY	dia. 32mm NYY		300		
23	ไฟฟ้าแสงสว่าง Landscape	a	1	20	5	2x1C-10 /G-6, NYY	dia. 40mm NYY			2,000	
25	ไฟฟ้าแสงสว่าง Landscape	a	1	20	5	2x1C-10 /G-6, NYY	dia. 40mm NYY	2,080			
27	ไฟฟ้าแสงสว่าง Façade	a	1	20	5	2x1C-6 /G-4, NYY	dia. 40mm IMC		2,000		
29	ไฟฟ้าแสงสว่าง Façade	a	1	20	5	2x1C-6 /G-4, NYY	dia. 40mm IMC			3,000	
31	ไฟฟ้าแสงสว่าง Façade	a	1	20	5	2x1C-6 /G-4 NYY	dia. 40mm IMC	3,000			
33	ป้ายสัญลักษณ์ภายนอก	a	1	20	5	2x1C-6 /G-4, NYY	dia. 40mm IMC		1,000		
35	ป้ายสัญลักษณ์ภายนอก	a	1	20	5	2x1C-4 /G-2.5, NYY	dia. 40mm IMC			1,000	
2	เต้ารับไฟฟ้า		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	200			
4	เต้ารับไฟฟ้า	a	1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		600		
6	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT			720	
8	ไฟฟ้าแสงสว่าง FAÇADE	a	1	20	5	2x25 /G-6, IEC01	dia. 25mm IMC	2,240			
10	ไฟฟ้าแสงสว่าง FAÇADE	a	1	32	5	2x35 /G-10, IEC01	dia. 32mm IMC		5,500		
12	ไฟฟ้าแสงสว่าง FAÇADE	a	1	32	5	2x35 /G-10, IEC01	dia. 32mm IMC			5,500	
14	SPARE		1	20	5	-	-	1,000			
16	SPARE		1	20	5	-	-		1,000		
18	SPARE		1	20	5	-	-			1,000	
20	SPARE		1	20	5	-	-	1,000			
22	SPARE		1	20	5	-	-		1,000		
24	SPARE		1	20	5	-	-			1,000	
26	SPARE		1	20	5	-	-	1,000			
28	SPARE		1	20	5	-	-		1,000		
30	SPARE		1	20	5	-	-			1,000	
32	SPARE		1	20	5	-	-	1,000			
34	SPARE		1	20	5	-	-		1,000		
36	SPARE		1	20	5	-	-			1,000	
CONNECT TO :		MAIN CB :			MAIN CONDUCTOR :		CONNECTED LOA		16,960	16,440	18,140
1DB1		3P, 50AT/100AF			4x16/G-6, IEC01		(VA)				51,540
		Ic ≥ 18 kA at 400VAC. 50Hz.			RACEWAY :		DEMAND FACTOR		0.80		
					32 sqmm Dia. IMC		DEMAND LOAD (VA)		41,232		

NOTE:

a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION 0

PANEL NO. : 2LP1		LOCATION :		EE ROOM 2 FL.						
CAPACITY : 100 A. 36 CIRCUITS, 230/400 VAC. 50 Hz.		MOUNTING :		WALL MOUNTED						
MAIN : CB										
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA		
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C
1	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	1,560		
3	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		1,200	
5	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT			1,440
7	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	1,200		
9	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		560	
11	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT			840
13	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	480		
15	ไฟฟ้าแสงสว่าง 2A		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		840	
17	ไฟฟ้าแสงสว่าง 2A		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT			500
19	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	1,000		
21	SPARE					-	-		1,000	
23	SPARE					-	-			1,000
25	SPARE		1	20	5	-	-	1,000		
27	SPARE		1	20	5	-	-		1,000	
29	SPARE		1	20	5	-	-			1,000
31	SPACE					-	-			
33	SPACE					-	-			
35	SPACE					-	-			
2	เดือรับไฟฟ้า		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	200		
4	เครื่องเป่ามือห้องนำชาย	a	1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		2,000	
6	เครื่องเป่ามือห้องนำหญิง	a	1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT			2,000
8	SPARE		1	20	5	-	-	1,000		
10	SPARE		1	20	5	-	-		1,000	
12	SPARE		1	20	5	-	-			1,000
14	SPARE		1	20	5	-	-	1,000		
16	SPARE		1	20	5	-	-		1,000	
18	SPARE		1	20	5	-	-			1,000
20	SPARE		1	20	5	-	-	1,000		
22	SPARE		1	20	5	-	-		1,000	
24	SPARE		1	20	5	-	-			1,000
26	SPARE		1	20	5	-	-	1,000		
28	SPARE		1	20	5	-	-		1,000	
30	SPARE		1	20	5	-	-			1,000
32	SPARE		1	20	5	-	-	1,000		
34	SPARE		1	20	5	-	-		1,000	
36	SPARE		1	20	5	-	-			1,000
CONNECT TO :		MAIN CB :		MAIN CONDUCTOR :		CONNECTED LOA		10,440	11,600	11,780
2DB1		3P, 50AT/100AF		4x16/G-6, IEC01		(VA)				33,820
		Ic ≥ 18 kA at 400VAC. 50Hz.		RACEWAY :		DEMAND FACTOR		0.80		
				32 sqmm Dia. IMC		DEMAND LOAD (VA)		27,056		

NOTE:

a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18
REVISION 0

PANEL NO. : 2ALP1		LOCATION :		OFFICE 2A FL.						
CAPACITY : 100 A. 24 CIRCUITS, 230/400 VAC. 50 Hz.		MOUNTING :		WALL MOUNTED						
MAIN : CB										
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA		
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C
1	เด้ารับไฟฟ้า		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	1,000		
3	เด้ารับไฟฟ้า	a	1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		1,000	
5	SPARE		1	20	5	-	-			1,000
7	SPARE		1	20	5	-	-	1,000		
9	SPARE		1	20	5	-	-		1,000	
11	SPARE		1	20	5	-	-			1,000
13	SPARE		1	20	5	-	-	1,000		
15	SPARE		1	20	5	-	-		1,000	
17	SPARE		1	20	5	-	-			1,000
19	SPARE		1	20	5	-	-	1,000		
21	SPARE		1	20	5	-	-		1,000	
23	SPARE		1	20	5	-	-			1,000
2	AC-O2A/01		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	500		
4	AC-O2A/02		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		500	
6	AC-O2A/03		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT			500
8	AC-O2A/04		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	500		
10	SPARE		1	20	5	-	-		1,000	
12	SPARE		1	20	5	-	-			1,000
14	SPARE		1	20	5	-	-	1,000		
16	SPARE		1	20	5	-	-		1,000	
18	SPARE		1	20	5	-	-			1,000
20	SPARE		1	20	5	-	-	1,000		
22	SPARE		1	20	5	-	-		1,000	
24	SPARE		1	20	5	-	-			1,000
CONNECT TO :		MAIN CB :			MAIN CONDUCTOR :		CONNECTED LOA	7,000	7,500	7,500
2DB1		3P, 50AT/100AF Ic ≥ 18 kA at 400VAC. 50Hz.			4x16/G-6, IEC01		(VA)	22,000		
					RACEWAY :		DEMAND FACTOR	0.80		
					32 sqmm Dia. IMC		DEMAND LOAD (VA)	17,600		

NOTE:

a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION 0

PANEL NO. : 3LP1		LOCATION :		EE ROOM 3 FL.						
CAPACITY : 100 A. 36 CIRCUITS, 230/400 VAC. 50 Hz.		MOUNTING :		WALL MOUNTED						
MAIN : CB										
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA		
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C
1	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	1,920		
3	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		1,200	
5	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT			1,280
7	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	1,200		
9	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		560	
11	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT			840
13	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	480		
15	ไฟฟ้าแสงสว่าง 3A		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		840	
17	ไฟฟ้าแสงสว่าง 3A		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT			500
19	SPARE		1	20	5	-	-	1,000		
21	SPARE		1	20	5	-	-		1,000	
23	SPARE		1	20	5	-	-			1,000
25	SPARE		1	20	5	-	-	1,000		
27	SPARE		1	20	5	-	-		1,000	
29	SPARE		1	20	5	-	-			1,000
31	SPACE		1	20	5	-	-	1,000		
33	SPACE		1	20	5	-	-		1,000	
35	SPACE		1	20	5	-	-			1,000
2	เด้ารับไฟฟ้า		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	800		
4	เครื่องเป่ามือห้องนำชาย	a	1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		2,000	
6	เครื่องเป่ามือห้องนำหญิง	a	1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT			2,000
8	SPARE		1	20	5	-	-	1,000		
10	SPARE		1	20	5	-	-		1,000	
12	SPARE		1	20	5	-	-			1,000
14	SPARE		1	20	5	-	-	1,000		
16	SPARE		1	20	5	-	-		1,000	
18	SPARE		1	20	5	-	-			1,000
20	SPARE		1	20	5	-	-	1,000		
22	SPARE		1	20	5	-	-		1,000	
24	SPARE		1	20	5	-	-			1,000
26	SPARE		1	20	5	-	-	1,000		
28	SPARE		1	20	5	-	-		1,000	
30	SPARE		1	20	5	-	-			1,000
32	SPACE		1	20	5	-	-	1,000		
34	SPACE		1	20	5	-	-		1,000	
36	SPACE		1	20	5	-	-			1,000
CONNECT TO :		MAIN CB :		MAIN CONDUCTOR :		CONNECTED LOA		12,400	12,600	12,620
3DB1		3P, 50AT/100AF		4x16/G-6, IEC01		(VA)				37,620
		Ic ≥ 18 kA at 400VAC. 50Hz.		RACEWAY :		DEMAND FACTOR		0.80		
				32 sqmm Dia. IMC		DEMAND LOAD (VA)		30,096		

NOTE:

a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION 0

PANEL NO. : 3ALP1		LOCATION :		OFFICE 3A FL.							
CAPACITY : 100 A. 24 CIRCUITS, 230/400 VAC. 50 Hz.		MOUNTING :		WALL MOUNTED							
MAIN : CB											
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA			
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C	
1	เด้ารับไฟฟ้า		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	200			
3	เด้ารับไฟฟ้า	a	1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		2,000		
5	เด้ารับไฟฟ้า		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT			400	
7	เด้ารับไฟฟ้า		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	1,000			
9	เด้ารับไฟฟ้า		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		400		
11	เด้ารับไฟฟ้า		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT			400	
13	เด้ารับไฟฟ้า		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	1,000			
15	เด้ารับไฟฟ้า		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		1,000		
17	SPARE		1	20	5	-	-			1,000	
19	SPACE		-	-	-	-	-				
21	SPACE		-	-	-	-	-				
23	SPACE		-	-	-	-	-				
2	AC-O3A/01		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	500			
4	AC-O3A/02		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		500		
6	AC-O3A/03		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT			500	
8	AC-O3A/04		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	500			
10	AC-O3A/05		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		500		
12	SPARE		1	20	5	-	-			1,000	
14	SPARE		1	20	5	-	-	1,000			
16	SPARE		1	20	5	-	-		1,000		
18	SPARE		1	20	5	-	-			1,000	
20	SPACE		-	-	-	-	-				
22	SPACE		-	-	-	-	-				
24	SPACE		-	-	-	-	-				
CONNECT TO :		MAIN CB :			MAIN CONDUCTOR :		CONNECTED LOA		4,200	5,400	4,300
3DB1		3P, 50AT/100AF Ic ≥ 18 kA at 400VAC. 50Hz.			4x16/G-6, IEC01		(VA)		13,900		
					RACEWAY :		DEMAND FACTOR		0.80		
					32 sqmm Dia. IMC		DEMAND LOAD (VA)		11,120		

NOTE:

a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION 0

PANEL NO. : 4LP1		LOCATION :		EE ROOM 4 FL.							
CAPACITY : 100 A. 24 CIRCUITS, 230/400 VAC. 50 Hz.		MOUNTING :		WALL MOUNTED							
MAIN : CB											
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA			
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C	
1	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	640			
3	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		360		
5	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT			360	
7	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	640			
9	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT			560	
11	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT			560	
13	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	200			
15	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT			480	
17	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT			160	
19	SPARE		1	20	5	-	-	1,000			
21	SPARE		1	20	5	-	-		1,000		
23	SPARE		1	20	5	-	-			1,000	
2	เต้ารับไฟฟ้า		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	600			
4	เต้ารับไฟฟ้า		1	20	5	2x6 /G-4, IEC01	dia. 20mm EMT			800	
6	SPARE		1	20	5	-	-			1,000	
8	SPARE		1	20	5	-	-	1,000			
10	SPARE		1	20	5	-	-		1,000		
12	SPARE		1	20	5	-	-			1,000	
14	SPARE		1	20	5	-	-	1,000			
16	SPARE		1	20	5	-	-		1,000		
18	SPARE		1	20	5	-	-			1,000	
20	SPARE		1	20	5	-	-	1,000			
22	SPARE		1	20	5	-	-		1,000		
24	SPARE		1	20	5	-	-			1,000	
CONNECT TO :		MAIN CB :			MAIN CONDUCTOR :		CONNECTED LOA		6,080	6,200	6,080
4DB1		3P, 50AT/100AF			4x16/G-6, IEC01		(VA)		18,360		
		Ic ≥ 18 kA at 400VAC. 50Hz.			RACEWAY :		DEMAND FACTOR		0.80		
					32 sqmm Dia. IMC		DEMAND LOAD (VA)		14,688		

NOTE:

- a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION 0

PANEL NO. : 5LP1		LOCATION :		EE ROOM 5 FL.						
CAPACITY : 100 A. 24 CIRCUITS, 230/400 VAC. 50 Hz.		MOUNTING :		WALL MOUNTED						
MAIN : CB										
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA		
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C
1	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	640		
3	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		360	
5	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT			360
7	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	640		
9	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		560	
11	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT			560
13	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	200		
15	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		480	
17	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT			160
19	SPARE		1	20	5	-	-	1,000		
21	SPARE		1	20	5	-	-		1,000	
23	SPARE		1	20	5	-	-			1,000
2	เต้ารับไฟฟ้า		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	800		
4	SPARE		1	20	5	-	-		1,000	
6	SPARE		1	20	5	-	-			1,000
8	SPARE		1	20	5	-	-	1,000		
10	SPARE		1	20	5	-	-		1,000	
12	SPARE		1	20	5	-	-			1,000
14	SPARE		1	20	5	-	-	1,000		
16	SPARE		1	20	5	-	-		1,000	
18	SPARE		1	20	5	-	-			1,000
20	SPARE		1	20	5	-	-	1,000		
22	SPARE		1	20	5	-	-		1,000	
24	SPARE		1	20	5	-	-			1,000
CONNECT TO :		MAIN CB :			MAIN CONDUCTOR :		CONNECTED LOA	6,280	6,400	6,080
5DB1		3P, 50AT/100AF Ic ≥ 18 kA at 400VAC. 50Hz.			4x16/G-6, IEC01		(VA)	18,760		
					RACEWAY :		DEMAND FACTOR	0.80		
					32 sqmm Dia. IMC		DEMAND LOAD (VA)	15,008		

NOTE:

- a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION 0

PANEL NO. : 6LP1		LOCATION :		EE ROOM 6 FL.							
CAPACITY : 100 A. 24 CIRCUITS, 230/400 VAC. 50 Hz.		MOUNTING :		WALL MOUNTED							
MAIN : CB											
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA			
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C	
1	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	600			
3	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		360		
5	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT			360	
7	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	640			
9	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		560		
11	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT			560	
13	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	200			
15	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		480		
17	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT			160	
19	SPARE		1	20	5	-	-	1,000			
21	SPARE		1	20	5	-	-		1,000		
23	SPARE		1	20	5	-	-			1,000	
2	เด้ารับไฟฟ้า		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	200			
4	เด้ารับไฟฟ้า		1	20	5	2x6 /G-4, IEC01	dia. 20mm EMT		800		
6	SPARE		1	20	5	-	-			1,000	
8	SPARE		1	20	5	-	-	1,000			
10	SPARE		1	20	5	-	-		1,000		
12	SPARE		1	20	5	-	-			1,000	
14	SPARE		1	20	5	-	-	1,000			
16	SPARE		1	20	5	-	-		1,000		
18	SPARE		1	20	5	-	-			1,000	
20	SPARE		1	20	5	-	-	1,000			
22	SPARE		1	20	5	-	-		1,000		
24	SPARE		1	20	5	-	-			1,000	
CONNECT TO :		MAIN CB :			MAIN CONDUCTOR :		CONNECTED LOA		5,640	6,200	6,080
6DB1		3P, 50AT/100AF Ic ≥ 25 kA at 400VAC. 50Hz.			4x16/G-6, IEC01		(VA)		17,920		
					RACEWAY :		DEMAND FACTOR		0.80		
					32 sqmm Dia. IMC		DEMAND LOAD (VA)		14,336		

NOTE:

- a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION 0

PANEL NO. : 7LP1		LOCATION :		EE ROOM 7 FL.						
CAPACITY : 100 A. 24 CIRCUITS, 230/400 VAC. 50 Hz.		MOUNTING :		WALL MOUNTED						
MAIN : CB										
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA		
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C
1	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	600		
3	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		400	
5	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT			280
7	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	600		
9	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		560	
11	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT			480
13	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	200		
15	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		480	
17	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT			320
19	SPARE		1	20	5	-	-	1,000		
21	SPARE		1	20	5	-	-		1,000	
23	SPARE		1	20	5	-	-			1,000
2	เด้ารับไฟฟ้า		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	600		
4	เด้ารับไฟฟ้า		1	20	5	2x6 /G-4, IEC01	dia. 20mm EMT		400	
6	SPARE		1	20	5	-	-			1,000
8	SPARE		1	20	5	-	-	1,000		
10	SPARE		1	20	5	-	-		1,000	
12	SPARE		1	20	5	-	-			1,000
14	SPARE		1	20	5	-	-	1,000		
16	SPARE		1	20	5	-	-		1,000	
18	SPARE		1	20	5	-	-			1,000
20	SPARE		1	20	5	-	-	1,000		
22	SPARE		1	20	5	-	-		1,000	
24	SPARE		1	20	5	-	-			1,000
CONNECT TO :		MAIN CB :		MAIN CONDUCTOR :		CONNECTED LOA		6,000	5,840	6,080
7DB1		3P, 50AT/100AF		4x16/G-6, IEC01		(VA)		17,920		
		Ic ≥ 25 kA at 400VAC. 50Hz.		RACEWAY :		DEMAND FACTOR		0.80		
				32 sqmm Dia. IMC		DEMAND LOAD (VA)		14,336		

NOTE:

- a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18
REVISION 0

PANEL NO. : 8LP1		LOCATION :				EE ROOM 8 FL.					
CAPACITY : 100 A. 36 CIRCUITS, 230/400 VAC. 50 Hz.		MOUNTING :				WALL MOUNTED					
MAIN : CB											
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA			
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C	
1	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	720			
3	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		320		
5	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT			640	
7	ไฟฟ้าแสงสว่าง ด้านนอก	a	1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	760			
9	ไฟฟ้าแสงสว่าง ด้านนอก	a	1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		760		
11	SPARE		1	20	5	-	-			1,000	
13	SPARE		1	20	5	-	-	1,000			
15	SPARE		1	20	5	-	-		1,000		
17	SPARE		1	20	5	-	-			1,000	
19	SPARE		1	20	5	-	-	1,000			
21	SPARE		1	20	5	-	-		1,000		
23	SPARE		1	20	5	-	-			1,000	
25	SPARE		1	20	5	-	-	1,000			
27	SPARE		1	20	5	-	-		1,000		
29	SPARE		1	20	5	-	-			1,000	
31	SPARE		1	20	5	-	-	1,000			
33	SPARE		1	20	5	-	-		1,000		
35	SPARE		1	20	5	-	-			1,000	
2	เต้ารับไฟฟ้า		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	200			
4	เต้ารับไฟฟ้า		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		400		
6	SPARE		1	20	5	-	-			1,000	
8	SPARE		1	20	5	-	-	1,000			
10	SPARE		1	20	5	-	-		1,000		
12	SPARE		1	20	5	-	-			1,000	
14	SPARE		1	20	5	-	-	1,000			
16	SPARE		1	20	5	-	-		1,000		
18	SPARE		1	20	5	-	-			1,000	
20	SPARE		1	20	5	-	-	1,000			
22	SPARE		1	20	5	-	-		1,000		
24	SPARE		1	20	5	-	-			1,000	
26	SPARE		1	20	5	-	-	1,000			
28	SPARE		1	20	5	-	-		1,000		
30	SPARE		1	20	5	-	-			1,000	
32	SPARE		1	20	5	-	-	1,000			
34	SPARE		1	20	5	-	-		1,000		
36	SPARE		1	20	5	-	-			1,000	
CONNECT TO :		MAIN CB :			MAIN CONDUCTOR :		CONNECTED LOA		10,680	10,480	11,640
8DB1		3P, 50AT/100AF			4x16/G-6, IEC01		(VA)		32,800		
		Ic ≥ 25 kA at 400VAC. 50Hz.			RACEWAY :		DEMAND FACTOR		0.80		
					32 sqmm Dia. IMC		DEMAND LOAD (VA)		26,240		

NOTE:

a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18
REVISION 0

PANEL NO. : 9LP1		LOCATION :				EE ROOM 9 FL.					
CAPACITY : 100 A. 36 CIRCUITS, 230/400 VAC. 50 Hz.		MOUNTING :				WALL MOUNTED					
MAIN : CB											
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA			
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C	
1	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	560			
3	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		560		
5	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT			1,000	
7	เครื่องเป่ามือห้องนำชาย	a	1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	2,000			
9	เครื่องเป่ามือห้องนำหญิง	a	1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		2,000		
11	เครื่องเป่ามือห้องนำชาย	a	1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT			2,000	
13	เครื่องเป่ามือห้องนำหญิง	a	1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	2,000			
15	SPARE		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		1,000		
17	SPARE		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT			1,000	
19	SPARE		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	1,000			
21	SPARE		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		1,000		
23	SPARE		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT			1,000	
25	SPARE		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	1,000			
27	SPARE		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		1,000		
29	SPARE		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT			1,000	
31	SPARE		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	1,000			
33	SPARE		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		1,000		
35	SPARE		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT			1,000	
2	เด้ารับไฟฟ้า		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	200			
4	เด้ารับไฟฟ้า		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		400		
6	เด้ารับไฟฟ้า		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT			400	
8	เด้ารับไฟฟ้า	a	1	20	5	2x6 /G-4, IEC01	dia. 20mm EMT	2,000			
10	เด้ารับไฟฟ้า	a	1	20	5	2x6 /G-4, IEC01	dia. 20mm EMT		2,000		
12	เด้ารับไฟฟ้า	a	1	20	5	2x6 /G-4, IEC01	dia. 20mm EMT			2,000	
14	เด้ารับไฟฟ้า	a	1	20	5	2x6 /G-4, IEC01	dia. 20mm EMT	2,000			
16	เด้ารับไฟฟ้า	a	1	20	5	2x6 /G-4, IEC01	dia. 20mm EMT		2,000		
18	เด้ารับไฟฟ้า	a	1	20	5	2x6 /G-4, IEC01	dia. 20mm EMT			2,000	
20	เด้ารับไฟฟ้า	a	1	20	5	2x6 /G-4, IEC01	dia. 20mm EMT	2,000			
22	เด้ารับไฟฟ้า	a	1	20	5	2x6 /G-4, IEC01	dia. 20mm EMT		2,000		
24	เด้ารับไฟฟ้า	a	1	20	5	2x6 /G-4, IEC01	dia. 20mm EMT			2,000	
26	เด้ารับไฟฟ้า	a	1	20	5	2x6 /G-4, IEC01	dia. 20mm EMT	2,000			
28	เด้ารับไฟฟ้า	a	1	20	5	2x6 /G-4, IEC01	dia. 20mm EMT		2,000		
30	เด้ารับไฟฟ้า	a	1	20	5	2x6 /G-4, IEC01	dia. 20mm EMT			2,000	
32	SPARE		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	1,000			
34	SPARE		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		1,000		
36	SPARE		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT			1,000	
CONNECT TO :		MAIN CB :			MAIN CONDUCTOR :		CONNECTED LOA		16,760	15,960	16,400
9DB1		3P, 100AT/100AF			4x50/G-10, IEC01		(VA)				49,120
		Ic ≥ 25 kA at 400VAC. 50Hz.			RACEWAY :		DEMAND FACTOR		0.80		
					50 sqmm Dia. IMC		DEMAND LOAD (VA)		39,296		

NOTE:

a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION 0

PANEL NO. : 9ALP1		LOCATION :		EE ROOM 9A FL.						
CAPACITY : 100 A. 30 CIRCUITS, 230/400 VAC. 50 Hz.		MOUNTING :		WALL MOUNTED						
MAIN : CB										
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA		
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C
1	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	850		
3	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		850	
5	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT			850
7	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	850		
9	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		850	
11	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT			850
13	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	850		
15	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		850	
17	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT			850
19	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	850		
21	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		1,920	
23	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT			1,920
25	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	1,600		
27	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		560	
29	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT			640
2	เด้ารับไฟฟ้า		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	600		
4	เด้ารับไฟฟ้า		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		400	
6	เด้ารับไฟฟ้า		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT			800
8	SPARE					-	-	1,000		
10	SPARE		1	20	5	-	-		1,000	
12	SPARE		1	20	5	-	-			1,000
14	SPARE		1	20	5	-	-	1,000		
16	SPARE		1	20	5	-	-		1,000	
18	SPARE		1	20	5	-	-			1,000
20	SPARE		1	20	5	-	-	1,000		
22	SPARE		1	20	5	-	-		1,000	
24	SPARE		1	20	5	-	-			1,000
26	SPARE		1	20	5	-	-	1,000		
28	SPARE		1	20	5	-	-		1,000	
30	SPARE		1	20	5	-	-			1,000
CONNECT TO :		MAIN CB :			MAIN CONDUCTOR :		CONNECTED LOA	9,600	9,430	9,910
9ADB1		3P, 50AT/100AF			4x16/G-6, IEC01		(VA)	28,940		
		Ic ≥ 25 kA at 400VAC. 50Hz.			RACEWAY :		DEMAND FACTOR	0.80		
					32 sqmm Dia. IMC		DEMAND LOAD (VA)	23,152		

NOTE:

- a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION 0

PANEL NO. : 10LP1		LOCATION :		EE ROOM 10 FL.							
CAPACITY : 100 A. 30 CIRCUITS, 230/400 VAC. 50 Hz.		MOUNTING :		WALL MOUNTED							
MAIN : CB											
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA			
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C	
1	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	440			
3	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		560		
5	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT			1,280	
7	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	1,280			
9	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		240		
11	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT			240	
13	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	640			
15	ไฟฟ้าแสงสว่าง Landscape	a	1	16	5	2x1C-4 /G-2.5, NYY	dia. 32mm NYY		600		
17	ไฟฟ้าแสงสว่าง Landscape	a	1	20	5	2x1C-6 /G-4, NYY	dia. 40mm NYY			2,200	
19	ไฟฟ้าแสงสว่าง Landscape	a	1	16	5	2x1C-4 /G-2.5, NYY	dia. 32mm NYY	500			
21	SPARE		1	20	5	-	-		1,000		
23	SPARE		1	20	5	-	-			1,000	
25	SPARE		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	1,000			
27	SPARE		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		1,000		
29	SPARE		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT			1,000	
2	เด้ารับไฟฟ้า		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	200			
4	เด้ารับไฟฟ้า		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		400		
6	SPARE		1	20	5	-	-			1,000	
8	SPARE		1	20	5	-	-	1,000			
10	SPARE		1	20	5	-	-		1,000		
12	SPARE		1	20	5	-	-			1,000	
14	SPARE		1	20	5	-	-	1,000			
16	SPARE		1	20	5	-	-		1,000		
18	SPARE		1	20	5	-	-			1,000	
20	SPARE		1	20	5	-	-	1,000			
22	SPARE		1	20	5	-	-		1,000		
24	SPARE		1	20	5	-	-			1,000	
26	SPARE		1	20	5	-	-	1,000			
28	SPARE		1	20	5	-	-		1,000		
30	SPARE		1	20	5	-	-			1,000	
CONNECT TO :		MAIN CB :			MAIN CONDUCTOR :		CONNECTED LOA		8,060	7,800	10,720
10DB1		3P, 50AT/100AF			4x16/G-6, IEC01		(VA)		26,580		
		Ic ≥ 25 kA at 400VAC. 50Hz.			RACEWAY :		DEMAND FACTOR		0.80		
					32 sqmm Dia. IMC		DEMAND LOAD (VA)		21,264		

NOTE:

a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION 0

PANEL NO. : 11LP1						LOCATION : EE ROOM 11 FL.				
CAPACITY : 100 A. 18 CIRCUITS, 230/400 VAC. 50 Hz.						MOUNTING : WALL MOUNTED				
MAIN : CB										
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA		
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C
1	ไฟฟ้าแสงสว่าง		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	560		
3	ไฟฟ้าแสงสว่าง		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT		640	
5	Lighting Façade	a	1	20	5	2x1C-6 /G-4, NYY	dia. 40mm IMC			2,850
7	Lighting Façade	a	1	20	5	2x1C-6 /G-4, NYY	dia. 40mm IMC	2,850		
9	Lighting Façade	a	1	20	5	2x1C-6 /G-4, NYY	dia. 40mm IMC		3,325	
11	Lighting Façade	a	1	20	5	2x1C-6 /G-4, NYY	dia. 40mm IMC			3,325
13	SPARE		1	20	5	-	-	1,000		
15	SPARE		1	20	5	-	-		1,000	
17	SPARE		1	20	5	-	-			1,000
2	เต้ารับไฟฟ้า		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	200		
4	เต้ารับไฟฟ้า		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		400	
6	SPARE		1	20	5	-	-			1,000
8	SPARE		1	20	5	-	-	1,000		
10	SPARE		1	20	5	-	-		1,000	
12	SPARE		1	20	5	-	-			1,000
14	SPARE		1	20	5	-	-	1,000		
16	SPARE		1	20	5	-	-		1,000	
18	SPARE		1	20	5	-	-			1,000
CONNECT TO :		MAIN CB :			MAIN CONDUCTOR :		CONNECTED LOA	6,610	7,365	10,175
11DB1		3P, 50AT/100AF Ic ≥ 25 kA at 400VAC. 50Hz.			4x16/G-6, IEC01		(VA)	24,150		
					RACEWAY :		DEMAND FACTOR	0.80		
					32 sqmm Dia. IMC		DEMAND LOAD (VA)	19,320		

NOTE:

a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION 0

PANEL NO. : 12LP1						LOCATION :	EE ROOM 12 FL.			
CAPACITY : 100 A. 18 CIRCUITS, 230/400 VAC. 50 Hz.						MOUNTING :	WALL MOUNTED			
MAIN : CB										
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA		
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C
1	ไฟฟ้าแสงสว่าง		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	560		
3	ไฟฟ้าแสงสว่าง		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT		640	
5	SPARE		1	20	5	-	-			1,000
7	SPARE		1	20	5	-	-	1,000		
9	SPARE		1	20	5	-	-		1,000	
11	SPARE		1	20	5	-	-			1,000
13	SPARE		1	20	5	-	-	1,000		
15	SPARE		1	20	5	-	-		1,000	
17	SPARE		1	20	5	-	-			1,000
2	เต้ารับไฟฟ้า		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	200		
4	เต้ารับไฟฟ้า		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		400	
6	SPARE		1	20	5	-	-			1,000
8	SPARE		1	20	5	-	-	1,000		
10	SPARE		1	20	5	-	-		1,000	
12	SPARE		1	20	5	-	-			1,000
14	SPARE		1	20	5	-	-	1,000		
16	SPARE		1	20	5	-	-		1,000	
18	SPARE		1	20	5	-	-			1,000
CONNECT TO :		MAIN CB :			MAIN CONDUCTOR :		CONNECTED LOA	4,760	5,040	6,000
12DB1		3P, 30AT/100AF Ic ≥ 25 kA at 400VAC. 50Hz.			4x6/G-4, IEC01		(VA)	15,800		
					RACEWAY :		DEMAND FACTOR	0.80		
					20 sqmm Dia. IMC		DEMAND LOAD (VA)	12,640		

NOTE:

- a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION 0

PANEL NO. : 13LP1						LOCATION : EE ROOM 13 FL.				
CAPACITY : 100 A. 18 CIRCUITS, 230/400 VAC. 50 Hz.						MOUNTING : WALL MOUNTED				
MAIN : CB										
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA		
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C
1	ไฟฟ้าแสงสว่าง		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	560		
3	ไฟฟ้าแสงสว่าง		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT		640	
5	SPARE		1	20	5	-	-			1,000
7	SPARE		1	20	5	-	-	1,000		
9	SPARE		1	20	5	-	-		1,000	
11	SPARE		1	20	5	-	-			1,000
13	SPARE		1	20	5	-	-	1,000		
15	SPARE		1	20	5	-	-		1,000	
17	SPARE		1	20	5	-	-			1,000
2	เต้ารับไฟฟ้า		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	200		
4	เต้ารับไฟฟ้า		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		400	
6	SPARE		1	20	5	-	-			1,000
8	SPARE		1	20	5	-	-	1,000		
10	SPARE		1	20	5	-	-		1,000	
12	SPARE		1	20	5	-	-			1,000
14	SPARE		1	20	5	-	-	1,000		
16	SPARE		1	20	5	-	-		1,000	
18	SPARE		1	20	5	-	-			1,000
CONNECT TO :		MAIN CB :			MAIN CONDUCTOR :		CONNECTED LOA	4,760	5,040	6,000
13DB1		3P, 30AT/100AF Ic ≥ 25 kA at 400VAC. 50Hz.			4x6/G-4, IEC01		(VA)	15,800		
					RACEWAY :		DEMAND FACTOR	0.80		
					20 sqmm Dia. IMC		DEMAND LOAD (VA)	12,640		

NOTE:

- a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION 0

PANEL NO. : 14LP1						LOCATION : EE ROOM 14 FL.					
CAPACITY : 100 A. 18 CIRCUITS, 230/400 VAC. 50 Hz.						MOUNTING : WALL MOUNTED					
MAIN : CB											
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA			
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C	
1	ไฟฟ้าแสงสว่าง		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	560			
3	ไฟฟ้าแสงสว่าง		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT		640		
5	SPARE		1	20	5	-	-			1,000	
7	SPARE		1	20	5	-	-	1,000			
9	SPARE		1	20	5	-	-		1,000		
11	SPARE		1	20	5	-	-			1,000	
13	SPARE		1	20	5	-	-	1,000			
15	SPARE		1	20	5	-	-		1,000		
17	SPARE		1	20	5	-	-			1,000	
2	เต้ารับไฟฟ้า		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	200			
4	เต้ารับไฟฟ้า		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		400		
6	SPARE		1	20	5	-	-			1,000	
8	SPARE		1	20	5	-	-	1,000			
10	SPARE		1	20	5	-	-		1,000		
12	SPARE		1	20	5	-	-			1,000	
14	SPACE		1	20	5	-	-	1,000			
16	SPACE		1	20	5	-	-		1,000		
18	SPACE		1	20	5	-	-			1,000	
CONNECT TO :		MAIN CB :			MAIN CONDUCTOR :		CONNECTED LOA		4,760	5,040	6,000
14DB1		3P, 30AT/100AF Ic ≥ 25 kA at 400VAC. 50Hz.			4x6/G-4, IEC01		(VA)		15,800		
					RACEWAY :		DEMAND FACTOR		0.80		
					20 sqmm Dia. IMC		DEMAND LOAD (VA)		12,640		

NOTE:

- a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION 0

PANEL NO. : 15LP1						LOCATION : EE ROOM 15 FL.					
CAPACITY : 100 A. 18 CIRCUITS, 230/400 VAC. 50 Hz.						MOUNTING : WALL MOUNTED					
MAIN : CB											
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA			
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C	
1	ไฟฟ้าแสงสว่าง		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	560			
3	ไฟฟ้าแสงสว่าง		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT		100		
5	SPARE		1	20	5	-	-			1,000	
7	SPARE		1	20	5	-	-	1,000			
9	SPARE		1	20	5	-	-		1,000		
11	SPARE		1	20	5	-	-			1,000	
13	SPARE		1	20	5	-	-	1,000			
15	SPARE		1	20	5	-	-		1,000		
17	SPARE		1	20	5	-	-			1,000	
2	เด้ารับไฟฟ้า		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	200			
4	เด้ารับไฟฟ้า		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		400		
6	SPARE		1	20	5	-	-			1,000	
8	SPARE		1	20	5	-	-	1,000			
10	SPARE		1	20	5	-	-		1,000		
12	SPARE		1	20	5	-	-			1,000	
14	SPARE		1	20	5	-	-	1,000			
16	SPARE		1	20	5	-	-		1,000		
18	SPARE		1	20	5	-	-			1,000	
CONNECT TO :		MAIN CB :			MAIN CONDUCTOR :		CONNECTED LOA		4,760	4,500	6,000
15DB1		3P, 30AT/100AF Ic ≥ 25 kA at 400VAC. 50Hz.			4x6/G-4, IEC01		(VA)		15,260		
					RACEWAY :		DEMAND FACTOR		0.80		
					20 sqmm Dia. IMC		DEMAND LOAD (VA)		12,208		

NOTE:

- a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION 0

PANEL NO. : 16LP1						LOCATION : EE ROOM 16 FL.					
CAPACITY : 100 A. 18 CIRCUITS, 230/400 VAC. 50 Hz.						MOUNTING : WALL MOUNTED					
MAIN : CB											
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA			
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C	
1	ไฟฟ้าแสงสว่าง		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	560			
3	SPARE		1	20	5	-	-		1,000		
5	SPARE		1	20	5	-	-			1,000	
7	SPARE		1	20	5	-	-	1,000			
9	SPARE		1	20	5	-	-		1,000		
11	SPARE		1	20	5	-	-			1,000	
13	SPARE		1	20	5	-	-	1,000			
15	SPARE		1	20	5	-	-		1,000		
17	SPARE		1	20	5	-	-			1,000	
2	เต้ารับไฟฟ้า		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	200			
4	เต้ารับไฟฟ้า		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		400		
6	SPARE		1	20	5	-	-			1,000	
8	SPARE		1	20	5	-	-	1,000			
10	SPARE		1	20	5	-	-		1,000		
12	SPARE		1	20	5	-	-			1,000	
14	SPARE		1	20	5	-	-	1,000			
16	SPARE		1	20	5	-	-		1,000		
18	SPARE		1	20	5	-	-			1,000	
CONNECT TO :		MAIN CB :			MAIN CONDUCTOR :		CONNECTED LOA		4,760	5,400	6,000
16DB1		3P, 30AT/100AF			4x6/G-4, IEC01		(VA)		16,160		
		Ic ≥ 25 kA at 400VAC. 50Hz.			RACEWAY :		DEMAND FACTOR		0.80		
					20 sqmm Dia. IMC		DEMAND LOAD (VA)		12,928		

NOTE:

- a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION 0

PANEL NO. : 17LP1						LOCATION :	EE ROOM 17 FL.			
CAPACITY : 100 A. 18 CIRCUITS, 230/400 VAC. 50 Hz.						MOUNTING :	WALL MOUNTED			
MAIN : CB										
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA		
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C
1	ไฟฟ้าแสงสว่าง		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	560		
3	SPARE		1	20	5	-	-		1,000	
5	SPARE		1	20	5	-	-			1,000
7	SPARE		1	20	5	-	-	1,000		
9	SPARE		1	20	5	-	-		1,000	
11	SPARE		1	20	5	-	-			1,000
13	SPARE		1	20	5	-	-	1,000		
15	SPARE		1	20	5	-	-		1,000	
17	SPARE		1	20	5	-	-			1,000
2	เด้ารับไฟฟ้า		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	200		
4	เด้ารับไฟฟ้า		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		400	
6	SPARE		1	20	5	-	-			1,000
8	SPARE		1	20	5	-	-	1,000		
10	SPARE		1	20	5	-	-		1,000	
12	SPARE		1	20	5	-	-			1,000
14	SPARE		1	20	5	-	-	1,000		
16	SPARE		1	20	5	-	-		1,000	
18	SPARE		1	20	5	-	-			1,000
CONNECT TO :		MAIN CB :			MAIN CONDUCTOR :		CONNECTED LOA	4,760	5,400	6,000
17DB1		3P, 30AT/100AF			4x6/G-4, IEC01		(VA)	16,160		
		Ic ≥ 25 kA at 400VAC. 50Hz.			RACEWAY :		DEMAND FACTOR	0.80		
					20 sqmm Dia. IMC		DEMAND LOAD (VA)	12,928		

NOTE:

- a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION 0

PANEL NO. : 18LP1		LOCATION :		EE ROOM 18 FL.							
CAPACITY : 100 A. 18 CIRCUITS, 230/400 VAC. 50 Hz.		MOUNTING :		WALL MOUNTED							
MAIN : CB											
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA			
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C	
1	ไฟฟ้าแสงสว่าง		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	560			
3	SPARE		1	20	5	-	-		1,000		
5	SPARE		1	20	5	-	-			1,000	
7	SPARE		1	20	5	-	-	1,000			
9	SPARE		1	20	5	-	-		1,000		
11	SPARE		1	20	5	-	-			1,000	
13	SPARE		1	20	5	-	-	1,000			
15	SPARE		1	20	5	-	-		1,000		
17	SPARE		1	20	5	-	-			1,000	
2	เต้ารับไฟฟ้า		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	200			
4	เต้ารับไฟฟ้า		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		400		
6	SPARE		1	20	5	-	-			1,000	
8	SPARE		1	20	5	-	-	1,000			
10	SPARE		1	20	5	-	-		1,000		
12	SPARE		1	20	5	-	-			1,000	
14	SPARE		1	20	5	-	-	1,000			
16	SPARE		1	20	5	-	-		1,000		
18	SPARE		1	20	5	-	-			1,000	
CONNECT TO :		MAIN CB :			MAIN CONDUCTOR :		CONNECTED LOA		4,760	5,400	6,000
18DB1		3P, 30AT/100AF			4x6/G-4, IEC01		(VA)		16,160		
		Ic ≥ 25 kA at 400VAC. 50Hz.			RACEWAY :		DEMAND FACTOR		0.80		
					20 sqmm Dia. IMC		DEMAND LOAD (VA)		12,928		

NOTE:

- a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION 0

PANEL NO. : 19LP1		LOCATION :		EE ROOM 19 FL.						
CAPACITY : 100 A. 18 CIRCUITS, 230/400 VAC. 50 Hz.		MOUNTING :		WALL MOUNTED						
MAIN : CB										
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA		
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C
1	ไฟฟ้าแสงสว่าง		1	16	5	-	-	560		
3	SPARE		1	20	5	-	-		1,000	
5	SPARE		1	20	5	-	-			1,000
7	SPARE		1	20	5	-	-	1,000		
9	SPARE		1	20	5	-	-		1,000	
11	SPARE		1	20	5	-	-			1,000
13	SPARE		1	20	5	-	-	1,000		
15	SPARE		1	20	5	-	-		1,000	
17	SPARE		1	20	5	-	-			1,000
2	เต้ารับไฟฟ้า		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	200		
4	เต้ารับไฟฟ้า		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		400	
6	SPARE		1	20	5	-	-			1,000
8	SPARE		1	20	5	-	-	1,000		
10	SPARE		1	20	5	-	-		1,000	
12	SPARE		1	20	5	-	-			1,000
14	SPARE		1	20	5	-	-	1,000		
16	SPARE		1	20	5	-	-		1,000	
18	SPARE		1	20	5	-	-			1,000
CONNECT TO :		MAIN CB :		MAIN CONDUCTOR :		CONNECTED LOA		4,760	5,400	6,000
19DB1		3P, 30AT/100AF		4x6/G-4, IEC01		(VA)		16,160		
		Ic ≥ 25 kA at 400VAC. 50Hz.		RACEWAY :		DEMAND FACTOR		0.80		
				20 sqmm Dia. IMC		DEMAND LOAD (VA)		12,928		

NOTE:

- a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION 0

PANEL NO. : 20LP1		LOCATION :		EE ROOM 20 FL.							
CAPACITY : 100 A. 18 CIRCUITS, 230/400 VAC. 50 Hz.		MOUNTING :		WALL MOUNTED							
MAIN : CB											
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA			
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C	
1	ไฟฟ้าแสงสว่าง		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	560			
3	SPARE		1	20	5	-	-		1,000		
5	SPARE		1	20	5	-	-			1,000	
7	SPARE		1	20	5	-	-	1,000			
9	SPARE		1	20	5	-	-		1,000		
11	SPARE		1	20	5	-	-			1,000	
13	SPARE		1	20	5	-	-	1,000			
15	SPARE		1	20	5	-	-		1,000		
17	SPARE		1	20	5	-	-			1,000	
2	เต้ารับไฟฟ้า		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	200			
4	เต้ารับไฟฟ้า		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		400		
6	SPARE		1	20	5	-	-			1,000	
8	SPARE		1	20	5	-	-	1,000			
10	SPARE		1	20	5	-	-		1,000		
12	SPARE		1	20	5	-	-			1,000	
14	SPARE		1	20	5	-	-	1,000			
16	SPARE		1	20	5	-	-		1,000		
18	SPARE		1	20	5	-	-			1,000	
CONNECT TO :		MAIN CB :			MAIN CONDUCTOR :		CONNECTED LOA		4,760	5,400	6,000
20DB1		3P, 30AT/100AF			4x6/G-4, IEC01		(VA)		16,160		
		Ic ≥ 25 kA at 400VAC. 50Hz.			RACEWAY :		DEMAND FACTOR		0.80		
					20 sqmm Dia. IMC		DEMAND LOAD (VA)		12,928		

NOTE:

- a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION 0

PANEL NO. : 21LP1		LOCATION :		EE ROOM 21 FL.							
CAPACITY : 100 A. 42 CIRCUITS, 230/400 VAC. 50 Hz.		MOUNTING :		WALL MOUNTED							
MAIN : CB											
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA			
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C	
1	ไฟฟ้าแสงสว่าง		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	560			
3	SPARE		1	20	5	-	-		1,000		
5	SPARE		1	20	5	-	-			1,000	
7	SPARE		1	20	5	-	-	1,000			
9	SPARE		1	20	5	-	-		1,000		
11	SPARE		1	20	5	-	-			1,000	
13	SPARE		1	20	5	-	-	1,000			
15	SPARE		1	20	5	-	-		1,000		
17	SPARE		1	20	5	-	-			1,000	
2	เต้ารับไฟฟ้า		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	200			
4	เต้ารับไฟฟ้า		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		400		
6	SPARE		1	20	5	-	-			1,000	
8	SPARE		1	20	5	-	-	1,000			
10	SPARE		1	20	5	-	-		1,000		
12	SPARE		1	20	5	-	-			1,000	
14	SPARE		1	20	5	-	-	1,000			
16	SPARE		1	20	5	-	-		1,000		
18	SPARE		1	20	5	-	-			1,000	
CONNECT TO :		MAIN CB :			MAIN CONDUCTOR :		CONNECTED LOA		4,760	5,400	6,000
21DB1		3P, 30AT/100AF			4x6/G-4, IEC01		(VA)		16,160		
		Ic ≥ 25 kA at 400VAC. 50Hz.			RACEWAY :		DEMAND FACTOR		0.80		
					20 sqmm Dia. IMC		DEMAND LOAD (VA)		12,928		

NOTE:

- a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION 0

PANEL NO. : 22LP1		LOCATION :		EE ROOM 22 FL.							
CAPACITY : 100 A. 42 CIRCUITS, 230/400 VAC. 50 Hz.		MOUNTING :		WALL MOUNTED							
MAIN : CB											
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA			
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C	
1	ไฟฟ้าแสงสว่าง		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	560			
3	SPARE		1	20	5	-	-		1,000		
5	SPARE		1	20	5	-	-			1,000	
7	SPARE		1	20	5	-	-	1,000			
9	SPARE		1	20	5	-	-		1,000		
11	SPARE		1	20	5	-	-			1,000	
13	SPARE		1	20	5	-	-	1,000			
15	SPARE		1	20	5	-	-		1,000		
17	SPARE		1	20	5	-	-			1,000	
2	เต้ารับไฟฟ้า		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	200			
4	เต้ารับไฟฟ้า		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		400		
6	SPARE		1	20	5	-	-			1,000	
8	SPARE		1	20	5	-	-	1,000			
10	SPARE		1	20	5	-	-		1,000		
12	SPARE		1	20	5	-	-			1,000	
14	SPARE		1	20	5	-	-	1,000			
16	SPARE		1	20	5	-	-		1,000		
18	SPARE		1	20	5	-	-			1,000	
CONNECT TO :		MAIN CB :			MAIN CONDUCTOR :		CONNECTED LOA		4,760	5,400	6,000
22DB1		3P, 30AT/100AF			4x6/G-4, IEC01		(VA)		16,160		
		Ic ≥ 25 kA at 400VAC. 50Hz.			RACEWAY :		DEMAND FACTOR		0.80		
					20 sqmm Dia. IMC		DEMAND LOAD (VA)		12,928		

NOTE:

- a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION 0

PANEL NO. : 23LP1		LOCATION :		EE ROOM 23 FL.							
CAPACITY : 100 A. 42 CIRCUITS, 230/400 VAC. 50 Hz.		MOUNTING :		WALL MOUNTED							
MAIN : CB											
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA			
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C	
1	ไฟฟ้าแสงสว่าง		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	560			
3	SPARE		1	20	5	-	-		1,000		
5	SPARE		1	20	5	-	-			1,000	
7	SPARE		1	20	5	-	-	1,000			
9	SPARE		1	20	5	-	-		1,000		
11	SPARE		1	20	5	-	-			1,000	
13	SPARE		1	20	5	-	-	1,000			
15	SPARE		1	20	5	-	-		1,000		
17	SPARE		1	20	5	-	-			1,000	
2	เต้ารับไฟฟ้า		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	200			
4	เต้ารับไฟฟ้า		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		400		
6	SPARE		1	20	5	-	-			1,000	
8	SPARE		1	20	5	-	-	1,000			
10	SPARE		1	20	5	-	-		1,000		
12	SPARE		1	20	5	-	-			1,000	
14	SPARE		1	20	5	-	-	1,000			
16	SPARE		1	20	5	-	-		1,000		
18	SPARE		1	20	5	-	-			1,000	
CONNECT TO :		MAIN CB :			MAIN CONDUCTOR :		CONNECTED LOA		4,760	5,400	6,000
23DB1		3P, 30AT/100AF			4x6/G-4, IEC01		(VA)		16,160		
		Ic ≥ 25 kA at 400VAC. 50Hz.			RACEWAY :		DEMAND FACTOR		0.80		
					20 sqmm Dia. IMC		DEMAND LOAD (VA)		12,928		

NOTE:

- a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION 0

PANEL NO. : 24LP1		LOCATION :		EE ROOM 24 FL.							
CAPACITY : 100 A. 18 CIRCUITS, 230/400 VAC. 50 Hz.		MOUNTING :		WALL MOUNTED							
MAIN : CB											
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA			
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C	
1	ไฟฟ้าแสงสว่าง		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	560			
3	SPARE		1	20	5	-	-		1,000		
5	SPARE		1	20	5	-	-			1,000	
7	SPARE		1	20	5	-	-	1,000			
9	SPARE		1	20	5	-	-		1,000		
11	SPARE		1	20	5	-	-			1,000	
13	SPARE		1	20	5	-	-	1,000			
15	SPARE		1	20	5	-	-		1,000		
17	SPARE		1	20	5	-	-			1,000	
2	เต้ารับไฟฟ้า		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	200			
4	เต้ารับไฟฟ้า		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		400		
6	SPARE		1	20	5	-	-			1,000	
8	SPARE		1	20	5	-	-	1,000			
10	SPARE		1	20	5	-	-		1,000		
12	SPARE		1	20	5	-	-			1,000	
14	SPARE		1	20	5	-	-	1,000			
16	SPARE		1	20	5	-	-		1,000		
18	SPARE		1	20	5	-	-			1,000	
CONNECT TO :		MAIN CB :			MAIN CONDUCTOR :		CONNECTED LOA		4,760	5,400	6,000
24DB1		3P, 30AT/100AF			4x6/G-4, IEC01		(VA)		16,160		
		Ic ≥ 25 kA at 400VAC. 50Hz.			RACEWAY :		DEMAND FACTOR		0.80		
					20 sqmm Dia. IMC		DEMAND LOAD (VA)		12,928		

NOTE:

- a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION 0

PANEL NO. : 25LP1		LOCATION :				EE ROOM 25 FL.					
CAPACITY : 100 A. 30 CIRCUITS, 230/400 VAC. 50 Hz.		MOUNTING :				WALL MOUNTED					
MAIN : CB											
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA			
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C	
1	Lighting Façade	a	1	20	5	2x1C-6 /G-4, NYY	dia. 40mm IMC	2,280			
3	Lighting Façade	a	1	20	5	2x1C-6 /G-4, NYY	dia. 40mm IMC		2,280		
5	Lighting Façade	a	1	20	5	2x1C-6 /G-4, NYY	dia. 40mm IMC			1,920	
7	Lighting Façade	a	1	20	5	2x1C-6 /G-4, NYY	dia. 40mm IMC	1,920			
9	ไฟฟ้าแสงสว่าง	a	1	20	5	2x4 /G-2.5, IEC01	dia. 15mm IMC		1,480		
11	ไฟฟ้าแสงสว่าง	a	1	20	5	2x4 /G-2.5, IEC01	dia. 15mm IMC			560	
13	AC-25/01		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	500			
15	AC-25/02		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		500		
17	AC-25/03		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT			500	
19						-	-	4,000			
21	ไฟฟ้าสัญลักษณ์		3	32	5	4x1C-6 /G-4, NYY	dia. 40mm IMC		4,000		
23						-	-			4,000	
25						-	-	4,000			
27	ไฟฟ้าสัญลักษณ์		3	32	5	4x1C-6 /G-4, NYY	dia. 40mm IMC		4,000		
29						-	-			4,000	
2	AC-25/04		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	500			
4	AC-R/01		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		500		
6	AC-R/02		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT			500	
8	AC-R/03		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	500			
10	AC-R/04		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		500		
12	AC-R/05		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT			500	
14	AC-R/06		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	500			
16	SPARE		1	20	5	-	-		1,000		
18	SPARE		1	20	5	-	-			1,000	
20	SPARE		1	20	5	-	-	1,000			
22	SPARE		1	20	5	-	-		1,000		
24	SPARE		1	20	5	-	-			1,000	
26	SPARE		1	20	5	-	-	1,000			
28	SPARE		1	20	5	-	-		1,000		
30	SPARE		1	20	5	-	-			1,000	
CONNECT TO :		MAIN CB :			MAIN CONDUCTOR :		CONNECTED LOA		16,200	16,260	14,980
24DB1		3P, 100AT/100AF			4x50/G-10, IEC01		(VA)		47,440		
		Ic ≥ 25 kA at 400VAC. 50Hz.			RACEWAY :		DEMAND FACTOR		0.80		
					50 sqmm Dia. IMC		DEMAND LOAD (VA)		37,952		

NOTE:

a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

SITE 83 CO.,LTD.

EDB

SEP, 2018

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DISTRIBUTION BOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION : 0

DISTRIBUTION BOARD No. B1EDB1 Cu BUSBAR : 400 A. 230/400 VAC. 50 Hz. NEUTRAL BUS : 100 % GROUND BUS : 50 %	LOCATION : EE ROOM, B1FL. MOUNTING : WALL MOUNTED
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FEEDER NO.	DESCRIPTION	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD (VA)	
		POLE	AT	Ic(KA)				
1	B2ELP1	3	50	25	4x10/G-6, LSHF	40 sqmm Dia. IMC	22,900	
2	B1ELP1	3	50	25	4x10/G-6, LSHF	40 sqmm Dia. IMC	21,020	
3	MCC-SNP-01 (TP-01,02,TP-03)	3	300	25	4x150/G-25, LSHF	90 sqmm Dia. IMC	68,650	
4	MCC-SNP-03 (WWTP)	3	125	25	4x35/G-16, LSHF	65 sqmm Dia. IMC	33,000	
5	MCC-SNP-04 (SWP-01,02,03)	3	20	25	4x2.5/G-2.5, LSHF	32 sqmm Dia. IMC	2,000	
6	MCC-SNP-05 (DP-01,02,03)	3	100	25	4x25/G-10, LSHF	50 sqmm Dia. IMC	31,000	
7	MCC-SNP-06 (DP-04,05)	3	20	25	4x2.5/G-2.5, LSHF	32 sqmm Dia. IMC	7,500	
8	SPACE	-	-	-	-	-	-	
9	SPACE	-	-	-	-	-	-	
10	SPACE	-	-	-	-	-	-	
CONNECT TO: EMDB		MAIN CB : 3P , 500AT/600AF Ic ≥ 25kA. AT 400 VAC. 50 Hz			MAIN CONDUCTOR :		LOAD SUMMARY	186,070
					4x400 / G-35, LSHF		DEMAND FACTOR	1
					RACEWAY: 125 sqmm Dia. IMC		DEMAND LOAD(VA)	186,070

DISTRIBUTION BOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION : 0

DISTRIBUTION BOARD No. 7EDB1 Cu BUSBAR : 400 A. 230/400 VAC. 50 Hz. NEUTRAL BUS : 100 % GROUND BUS : 50 %	LOCATION : EE ROOM, 7FL. MOUNTING : WALL MOUNTED
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FEEDER NO.	DESCRIPTION	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD (VA)	
		POLE	AT	Ic(KA)				
1	B2EPP1	3	100	25	4x25/G-10, FRC	50 sqmm Dia. IMC	49,000	
2	B1EPP1	3	100	25	4x25/G-10, FRC	50 sqmm Dia. IMC	47,050	
3	8EPP1	3	100	25	4x25/G-10, FRC	50 sqmm Dia. IMC	39,600	
4	1ELP2	3	30	25	4x4/G-4, FRC	32 sqmm Dia. IMC	9,900	
CONNECT TO: EMDB		MAIN CB : 3P , 400AT/400AF Ic ≥ 25 kA. AT 400 VAC. 50 Hz			MAIN CONDUCTOR : 4x240/ G-25, FRC	RACEWAY: 125 sqmm Dia. IMC	LOAD SUMMARY 145,550	
							DEMAND FACTOR	1
							DEMAND LOAD(VA)	145,550

DISTRIBUTION BOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION : 0

DISTRIBUTION BOARD No. 14EDB1 Cu BUSBAR : 400 A. 230/400 VAC. 50 Hz. NEUTRAL BUS : 100 % GROUND BUS : 50 %	LOCATION : EE ROOM, 14FL. MOUNTING : WALL MOUNTED
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FEEDER NO.	DESCRIPTION	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD (VA)	
		POLE	AT	Ic(KA)				
1	LIFT NO.1	3	50	25	4x10/G-6, FRC	32 sqmm Dia. IMC	15,000	
2	LIFT NO.2	3	50	25	4x10/G-6, FRC	32 sqmm Dia. IMC	15,000	
3	LIFT NO.3	3	50	25	4x10/G-6, FRC	32 sqmm Dia. IMC	15,000	
4	LIFT NO.4	3	50	25	4x10/G-6, FRC	32 sqmm Dia. IMC	15,000	
5	14EPP1	3	100	25	4x25/G-10, FRC	50 sqmm Dia. IMC	25,800	
6	SPACE	-	-	-	-	-	-	
CONNECT TO: EMDB		MAIN CB : 3P , 300AT/400AF Ic ≥ 25 kA. AT 400 VAC. 50 Hz			MAIN CONDUCTOR : 4x150/ G-25, FRC	RACEWAY: 90 sqmm Dia. IMC	LOAD SUMMARY DEMAND FACTOR DEMAND LOAD(VA)	85,800 1 85,800

DISTRIBUTION BOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION : 0

DISTRIBUTION BOARD No. 24EDB1		LOCATION : EE ROOM, 24FL.	
Cu BUSBAR : 250 A. 230/400 VAC. 50 Hz.		MOUNTING : WALL MOUNTED	
NEUTRAL BUS : 100 %			
GROUND BUS : 50 %			

FEEDER NO.	DESCRIPTION	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD (VA)
		POLE	AT	Ic(KA)			
1	24ELP1	3	30	25	4x6/G-4, IEC01	20 sqmm Dia. IMC	8,520
2	25ELP1	3	30	25	4x6/G-4, IEC01	20 sqmm Dia. IMC	20,040
3	MCC-SNP-02 (PBP-01,02,03)	3	50	25	4x16/G-6, IEC01	32 sqmm Dia. IMC	15,000
4	MCC-AC-OAU/R1	3	50	25	4x16 /G-6, IEC-01	40 sqmm Dia. IMC	16,000
5	MCC-AC-OAU/R2	3	50	25	4x16 /G-6, IEC-01	40 sqmm Dia. IMC	16,000
6	SPARE	3	50	25	-	-	20,000
CONNECT TO: EMDB		MAIN CB : 3P , 200AT/250AF Ic ≥ 25 kA. AT 400 VAC. 50 Hz			MAIN CONDUCTOR : 4x120/G-16, IEC-01	LOAD SUMMARY	95,560
					RACEWAY: 1 x 65sqmm Dia. IMC	DEMAND FACTOR	1
						DEMAND LOAD(VA)	95,560

DISTRIBUTION BOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION : 0

DISTRIBUTION BOARD No. 25EDB1 Cu BUSBAR : 400 A. 230/400 VAC. 50 Hz. NEUTRAL BUS : 100 % GROUND BUS : 50 %	LOCATION : EE ROOM, 25FL. MOUNTING : WALL MOUNTED
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FEEDER NO.	DESCRIPTION	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD (VA)	
		POLE	AT	Ic(KA)				
1	LIFT NO.5	3	60	25	4x10/G-6, FRC	32 sqmm Dia. IMC	22,000	
2	LIFT NO.6	3	60	25	4x10/G-6, FRC	32 sqmm Dia. IMC	22,000	
3	LIFT NO.7	3	60	25	4x10/G-6, FRC	32 sqmm Dia. IMC	22,000	
4	LIFT NO.8	3	60	25	4x10/G-6, FRC	32 sqmm Dia. IMC	22,000	
5	MCC-PF1	3	60	25	4x16 /G-6, FRC	40 sqmm Dia. IMC	20,000	
6	MCC-PF2	3	50	25	4x10 /G-6, FRC	40 sqmm Dia. IMC	16,000	
CONNECT TO: EMDB		MAIN CB : 3P , 400AT/400AF Ic ≥ 25 kA. AT 400 VAC. 50 Hz			MAIN CONDUCTOR : 4x240/ G-25, FRC	RACEWAY: 125 sqmm Dia. IMC	LOAD SUMMARY DEMAND FACTOR DEMAND LOAD(VA)	124,000 1 124,000

SITE 83 CO.,LTD.

ELP

SEP, 2018

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PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION 0

PANEL NO. : B2ELP1		LOCATION :		EE ROOM B2 FL.						
CAPACITY : 100 A. 42 CIRCUITS, 230/400 VAC. 50 Hz.		MOUNTING :		WALL MOUNTED						
MAIN : CB										
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA		
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C
1	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, LSHF	dia. 15mm EMT	1,280		
3	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, LSHF	dia. 15mm EMT		640	
5	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, LSHF	dia. 15mm EMT			640
7	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, LSHF	dia. 15mm EMT	1,280		
9	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, LSHF	dia. 15mm EMT		480	
11	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, LSHF	dia. 15mm EMT			640
13	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, LSHF	dia. 15mm EMT	480		
15	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, LSHF	dia. 15mm EMT		320	
17	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, LSHF	dia. 15mm EMT			200
19	เดือรับไฟฟ้า		1	20	5	2x4 /G-2.5, LSHF	dia. 15mm EMT	200		
21	เดือรับไฟฟ้า		1	20	5	2x4 /G-2.5, LSHF	dia. 15mm EMT		800	
23	เดือรับไฟฟ้า		1	20	5	2x4 /G-2.5, LSHF	dia. 15mm EMT			400
25	เดือรับไฟฟ้า		1	20	5	2x6 /G-4, LSHF	dia. 25mm EMT	800		
27	B2IP-DCC (BMS)		1	16	5	2x2.5 /G-2.5, LSHF	dia. 15mm EMT		500	
29	B2RPU (SECURITY)		1	16	5	2x2.5 /G-2.5, LSHF	dia. 15mm EMT			500
31	B2CCS (CCTV)		1	16	5	2x2.5 /G-2.5, LSHF	dia. 15mm EMT	500		
33	B2DKM (METERING)		1	16	5	2x2.5 /G-2.5, LSHF	dia. 15mm EMT		500	
35	B2CARPARK SYSTEM		1	16	5	2x2.5 /G-2.5, LSHF	dia. 15mm EMT			500
37	SPARE		1	20	5	-	-	1,000		
39	SPARE		1	20	5	-	-		1,000	
41	SPARE		1	20	5	-	-			1,000
2	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, LSHF	dia. 15mm EMT	640		
4	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, LSHF	dia. 15mm EMT		360	
6	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, LSHF	dia. 15mm EMT			360
8	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, LSHF	dia. 15mm EMT	640		
10	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, LSHF	dia. 15mm EMT		280	
12	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, LSHF	dia. 15mm EMT			400
14	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, LSHF	dia. 15mm EMT	160		
16	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, LSHF	dia. 15mm EMT		160	
18	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, LSHF	dia. 15mm EMT			240
20	ไฟฟ้าแสงสว่างฉุกเฉิน		1	16	5	2x4 /G-2.5, FRC	dia. 15mm IMC	1,000		
22	ป้ายทางออกฉุกเฉิน		1	16	5	2x4 /G-2.5, FRC	dia. 15mm IMC		1,000	
24	ป้ายสัญลักษณ์		1	16	5	2x2.5 /G-2.5, LSHF	dia. 15mm EMT			1,000
26	SPACE		-	-	-	-	-	1,000		
28	SPACE		-	-	-	-	-		1,000	
30	SPACE		-	-	-	-	-			1,000
32	SPACE		-	-	-	-	-			
34	SPACE		-	-	-	-	-			
36	SPACE		-	-	-	-	-			
38	SPACE		-	-	-	-	-			
40	SPACE		-	-	-	-	-			
42	SPACE		-	-	-	-	-			
CONNECT TO :		MAIN CB :		MAIN CONDUCTOR :		CONNECTED LOAD		8,980	7,040	6,880
B1EDB1		3P, 50AT/100AF		4x10/G-6, LSHF		(VA)		22,900		
		Ic ≥ 18 kA at 400VAC. 50Hz.		RACEWAY :		DEMAND FACTOR		0.80		
				40 sqmm Dia. IMC		DEMAND LOAD (VA)		18,320		

NOTE:

a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION 0

PANEL NO. : B1ELP1		LOCATION :		EE ROOM B1 FL.						
CAPACITY : 100 A. 48 CIRCUITS, 230/400 VAC. 50 Hz.		MOUNTING :		WALL MOUNTED						
MAIN : CB										
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA		
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C
1	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, LSHF	dia. 15mm EMT	1,280		
3	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, LSHF	dia. 15mm EMT		640	
5	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, LSHF	dia. 15mm EMT			640
7	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, LSHF	dia. 15mm EMT	1,120		
9	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, LSHF	dia. 15mm EMT		480	
11	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, LSHF	dia. 15mm EMT			400
13	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, LSHF	dia. 15mm EMT	160		
15	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, LSHF	dia. 15mm EMT		320	
17	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, LSHF	dia. 15mm EMT			240
19	ไฟฟ้าแสงสว่าง		1	16	5	2x2.5 /G-2.5, LSHF	dia. 15mm EMT	580		
21	ไฟฟ้าแสงสว่าง		1	16	5	2x2.5 /G-2.5, LSHF	dia. 15mm EMT		80	
23	ไฟฟ้าแสงสว่างฉุกเฉิน		1	16	5	2x4 /G-2.5, LSHF	dia. 15mm IMC			1,000
25	ป้ายทางออกฉุกเฉิน		1	16	5	2x4 /G-2.5, LSHF	dia. 15mm IMC	1,000		
27	SENSOR สุขภัณฑ์ห้องน้ำ		1	16	5	2x2.5 /G-2.5, LSHF	dia. 15mm EMT		500	
29	เด้ารับไฟฟ้า		1	20	5	2x4 /G-2.5, LSHF	dia. 15mm EMT			200
31	เด้ารับไฟฟ้า		1	20	5	2x4 /G-2.5, LSHF	dia. 15mm EMT	800		
33	เด้ารับไฟฟ้า		1	20	5	2x6 /G-4, LSHF	dia. 25mm EMT		800	
35	B1IP-DCC (BMS)		1	16	5	2x2.5 /G-2.5, LSHF	dia. 15mm EMT			500
37	B1RPU (SECURITY)		1	16	5	2x2.5 /G-2.5, LSHF	dia. 15mm EMT	500		
39	B1CCS (CCTV)		1	16	5	2x2.5 /G-2.5, LSHF	dia. 15mm EMT		500	
41	B1DKM (METERING)		1	16	5	2x2.5 /G-2.5, LSHF	dia. 15mm EMT			500
43	B1CARPARK SYSTEM		1	16	5	2x2.5 /G-2.5, LSHF	dia. 15mm EMT	500		
45	ป้ายสัญลักษณ์		1	16	5	2x2.5 /G-2.5, LSHF	dia. 15mm EMT		1,000	
47	SPARE		1	20	5	-	-			1,000
2	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, LSHF	dia. 15mm EMT	640		
4	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, LSHF	dia. 15mm EMT		360	
6	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, LSHF	dia. 15mm EMT			360
8	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, LSHF	dia. 15mm EMT	560		
10	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, LSHF	dia. 15mm EMT		280	
12	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, LSHF	dia. 15mm EMT			480
14	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, LSHF	dia. 15mm EMT	200		
16	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, LSHF	dia. 15mm EMT		200	
18	ไฟฟ้าแสงสว่าง บันไดหนีไฟ		1	16	5	2x4 /G-2.5, FRC	dia. 15mm IMC			500
20	ไฟฟ้าแสงสว่าง บันไดหนีไฟ		1	16	5	2x4 /G-2.5, FRC	dia. 15mm IMC	500		
22	ไฟฟ้าแสงสว่าง บันไดหนีไฟ		1	16	5	2x4 /G-2.5, FRC	dia. 15mm IMC		500	
24	ไฟฟ้าแสงสว่าง บันไดหนีไฟ		1	16	5	2x4 /G-2.5, FRC	dia. 15mm IMC			500
26								200		
28	EF-TB1/01		3	20	5	4x4 /G-2.5, LSHF	dia. 20mm EMT		200	
30										200
32								200		
34	EF-TB1/02		3	20	5	4x4 /G-2.5, ILSHF	dia. 20mm EMT		200	
36										200
38	SPACE		-	-	-	-	-			
40	SPACE		-	-	-	-	-			
42	SPACE		-	-	-	-	-			
44	SPACE		-	-	-	-	-			
46	SPACE		-	-	-	-	-			
48	SPACE		-	-	-	-	-			
CONNECT TO :		MAIN CB :		MAIN CONDUCTOR :		CONNECTED LOAD		8,240	6,060	6,720
B1EDB1		3P, 50AT/100AF		4x10/G-6, LSHF		(VA)		21,020		
		Ic ≥ 18 kA at 400VAC. 50Hz.		RACEWAY :		DEMAND FACTOR		0.80		
				40 sqmm Dia. IMC		DEMAND LOAD (VA)		16,816		

NOTE:

a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION 0

PANEL NO. : 1ELP1		LOCATION :		EE ROOM 1 FL.							
CAPACITY : 100 A. 36 CIRCUITS, 230/400 VAC. 50 Hz.		MOUNTING :		WALL MOUNTED							
MAIN : CB											
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA			
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C	
1	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	1,680			
3	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		1,800		
5	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT			1,080	
7	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	1,800			
9	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		800		
11	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT			800	
13	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	1,600			
15	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		360		
17	ไฟฟ้าแสงสว่าง ห้องนำ		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT			340	
19	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	360			
21	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		200		
23	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT			1,000	
25	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	1,000			
27	เด้ารับไฟฟ้า		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		1,000		
29	เด้ารับไฟฟ้า		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT			1,000	
31	เด้ารับไฟฟ้า		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	1,200			
33	เด้ารับไฟฟ้า		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		1,000		
35	SENSOR สุขภัณฑ์ห้องนำ	a	1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT			500	
37	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	1,000			
39	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		1,000		
41	SPACE		-	-	-	-	-				
2	ไฟฟ้าแสงสว่าง 1A		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	920			
4	ไฟฟ้าแสงสว่าง 1A		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		360		
6	ไฟฟ้าแสงสว่าง บันไดหนีไฟ		1	16	5	2x4 /G-2.5, FRC	dia. 15mm IMC			1,000	
8	ไฟฟ้าแสงสว่าง บันไดหนีไฟ		1	16	5	2x4 /G-2.5, FRC	dia. 15mm IMC	1,000			
10	ไฟฟ้าแสงสว่าง บันไดหนีไฟ		1	16	5	2x4 /G-2.5, FRC	dia. 15mm IMC		1,000		
12	ไฟฟ้าแสงสว่าง บันไดหนีไฟ		1	16	5	2x4 /G-2.5, FRC	dia. 15mm IMC			500	
14	ไฟฟ้าแสงสว่างฉุกเฉิน		1	16	5	2x4 /G-2.5, FRC	dia. 15mm IMC	1,000			
16	ไฟฟ้าแสงสว่างฉุกเฉิน 1A		1	16	5	2x4 /G-2.5, FRC	dia. 15mm IMC		1,000		
18	ป้ายทางออกฉุกเฉิน		1	16	5	2x4 /G-2.5, FRC	dia. 15mm IMC			1,000	
20	ป้ายทางออกฉุกเฉิน 1A		1	16	5	2x4 /G-2.5, FRC	dia. 15mm IMC	1,000			
22	EF-T/01		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		500		
24	1IP-DCC (BMS)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT			500	
26	1RPU (SECURITY)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	500			
28	1CCS (CCTV)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT		500		
30	1DKM (METERING)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT			500	
32	1HUB1		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	500			
34	ป้ายสัญลักษณ์		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		1,000		
36	ป้ายสัญลักษณ์ 1A		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT			500	
38	SPARE		1	20	5	-	-	1,000			
40	SPARE		1	20	5	-	-		1,000		
42	SPARE		1	20	5	-	-			1,000	
CONNECT TO :		MAIN CB :			MAIN CONDUCTOR :		CONNECTED LOAD (VA)		14,560	11,520	9,720
EMDB		3P, 50AT/100AF Ic ≥ 18 kA at 400VAC. 50Hz.			4x16/G-6, IEC01		(VA)		35,800		
					RACEWAY :		DEMAND FACTOR		0.80		
					32 sqmm Dia. IMC		DEMAND LOAD (VA)		28,640		

NOTE:

a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION 0

PANEL NO. : 1ELP2						LOCATION :	FIREPROTECTION ROOM 1 FL.			
CAPACITY : 100 A. 12 CIRCUITS, 230/400 VAC. 50 Hz.						MOUNTING :	WALL MOUNTED			
MAIN : CB										
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA		
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C
1	ไฟฟ้าแสงสว่าง		1	16	5	2x2.5 /G-2.5, FRC	dia. 15mm EMT	200		
3	FACP		1	16	5	2x2.5 /G-2.5, FRC	dia. 15mm EMT		500	
5	ไฟฟ้าแสงสว่างฉุกเฉิน		1	16	5	2x2.5 /G-2.5, FRC	dia. 15mm EMT			200
7	SPARE		1	20	5	-	-	1,000		
9	SPARE		1	20	5	-	-		1,000	
11	SPARE		1	20	5	-	-			1,000
2	เด้ารับไฟฟ้า		1	20	5	2x4 /G-2.5, FRC	dia. 15mm EMT	1,000		
4	เด้ารับไฟฟ้า		1	20	5	-	-		1,000	
6	SPARE		1	20	5	-	-			1,000
8	SPARE		1	20	5	-	-	1,000		
10	SPARE		1	20	5	-	-		1,000	
12	SPARE		1	20	5	-	-			1,000
CONNECT TO :		MAIN CB :		MAIN CONDUCTOR :		CONNECTED LOAD		3,200	3,500	3,200
EMDB		3P, 30AT/100AF		4x4/G-4, FRC		(VA)		9,900		
		Ic ≥ 18 kA at 400VAC. 50Hz.		RACEWAY :		DEMAND FACTOR		1.00		
				32 sqmm Dia. IMC		DEMAND LOAD (VA)		9,900		

NOTE:

- a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION 0

PANEL NO. : 2ELP1		LOCATION :				EE ROOM 2 FL.					
CAPACITY : 100 A. 36 CIRCUITS, 230/400 VAC. 50 Hz.		MOUNTING :				WALL MOUNTED					
MAIN : CB											
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA			
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C	
1	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	1,720			
3	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		1,800		
5	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT			1,640	
7	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	1,800			
9	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		160		
11	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT			840	
13	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	880			
15	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		360		
17	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT			180	
19	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	1,000			
21	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		1,000		
23	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT			200	
25								200			
27	EF-T2/01		3	20	5	4x4 /G-2.5, IEC01	dia. 20mm EMT		200		
29										200	
31								200			
33	EF-T2/02		3	20	5	4x4 /G-2.5, IEC01	dia. 20mm EMT		200		
35										200	
37	เด้ารับไฟฟ้า		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	1,000			
39	SPARE		1	20	5	-	-		1,000		
41	SPARE		1	20	5	-	-			1,000	
2	ไฟฟ้าแสงสว่าง 2A		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	920			
4	ไฟฟ้าแสงสว่าง 2A		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		360		
6	ไฟฟ้าแสงสว่างฉุกเฉิน		1	16	5	2x4 /G-2.5, FRC	dia. 15mm IMC			1,000	
8	ไฟฟ้าแสงสว่างฉุกเฉิน 2A		1	16	5	2x4 /G-2.5, FRC	dia. 15mm IMC	1,000			
10	ป้ายทางออกฉุกเฉิน		1	16	5	2x4 /G-2.5, FRC	dia. 15mm IMC		1,000		
12	ป้ายทางออกฉุกเฉิน 2A		1	16	5	2x4 /G-2.5, FRC	dia. 15mm IMC			1,000	
14	SENSOR สุขภัณฑ์ห้องน้าชาย	a	1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	500			
16	SENSOR สุขภัณฑ์ห้องน้าหญิง + คนพิการ	a	1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT		500		
18	2IP-DCC (BMS)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT			500	
20	2RPU (SECURITY)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	500			
22	2CCS (CCTV)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT		500		
24	2DKM (METERING)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT			500	
26	2HUB1		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	500			
28	ป้ายสัญลักษณ์		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		500		
32	ป้ายสัญลักษณ์		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT			500	
34	ป้ายสัญลักษณ์ 2A		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	500			
36	SPACE		-	-	-	-	-				
38	SPACE		-	-	-	-	-				
42	SPACE		-	-	-	-	-				
CONNECT TO :		MAIN CB :			MAIN CONDUCTOR :		CONNECTED LOAD		10,720	7,580	7,760
EMDB		3P, 50AT/100AF Ic ≥ 18 kA at 400VAC. 50Hz.			4x16/G-6, IEC01		(VA)		26,060		
					RACEWAY :		DEMAND FACTOR		0.80		
					32 sqmm Dia. IMC		DEMAND LOAD (VA)		20,848		

NOTE:

a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18
REVISION 0

PANEL NO. : 2AELP		LOCATION :		OFFICE 2A FL.							
CAPACITY : 100 A. 24 CIRCUITS, 230/400 VAC. 50 Hz.		MOUNTING :		WALL MOUNTED							
MAIN : CB											
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA			
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C	
1	ไฟฟ้าแสงสว่าง		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	240			
3	ไฟฟ้าแสงสว่าง		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT		480		
5	ไฟฟ้าแสงสว่าง		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT			480	
7	ไฟฟ้าแสงสว่าง		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	120			
9	ไฟฟ้าแสงสว่างฉุกเฉิน		1	16	5	2x2.5 /G-2.5, FRC	dia. 15mm IMC		500		
11	ป้ายทางออกฉุกเฉิน		1	16	5	2x2.5 /G-2.5, FRC	dia. 15mm IMC			500	
13	BMS CONTROL		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm IMC	1,000			
15	SECURITY CONTROL		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm IMC		1,000		
17	CCTV CONTROL		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm IMC			1,000	
19	SPARE		1	20	5	-	-	1,000			
21	SPARE		1	20	5	-	-		1,000		
23	SPARE		1	20	5	-	-			1,000	
2	เด้ารับไฟฟ้า		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	1,000			
4	เด้ารับไฟฟ้า		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		1,000		
6	เด้ารับไฟฟ้า		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT			1,000	
8	EF-T2A/01		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	500			
10	RETAIL MANAGEMENT CONTROL		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm IMC		1,000		
12	PUBLIC ADDRESS CONTROL		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm IMC			1,000	
14	ROUTER		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm IMC	1,000			
16	2AHUB1		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm IMC		500		
18	SPARE		1	20	5	-	-			1,000	
20	SPARE		1	20	5	-	-	1,000			
22	SPARE		1	20	5	-	-		1,000		
24	SPARE		1	20	5	-	-			1,000	
CONNECT TO :		MAIN CB :			MAIN CONDUCTOR :		CONNECTED LOAD		5,860	6,480	6,980
EMDB		3P, 50AT/100AF			4x16/G-6, IEC01		(VA)		19,320		
		Ic ≥ 18 kA at 400VAC. 50Hz.			RACEWAY :		DEMAND FACTOR		0.80		
					32 sqmm Dia. IMC		DEMAND LOAD (VA)		15,456		

NOTE:

- a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION 0

PANEL NO. : 3ELP1		LOCATION :		EE ROOM 3 FL.						
CAPACITY : 100 A. 42 CIRCUITS, 230/400 VAC. 50 Hz.		MOUNTING :		WALL MOUNTED						
MAIN : CB										
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA		
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C
1	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	2,120		
3	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		1,800	
5	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT			1,440
7	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	1,800		
9	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		160	
11	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT			840
13	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	880		
15	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		360	
17	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT			200
19	เดือรับไฟฟ้า		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	1,000		
21	SPARE		1	20	5	-	-		1,000	
23	SPARE		1	20	5	-	-			1,000
25								200		
27	EF-T3/01		3	20	5	4x4 /G-2.5, IEC01	dia. 20mm EMT		200	
29										200
31								200		
33	EF-T3/02		3	20	5	4x4 /G-2.5, IEC01	dia. 20mm EMT		200	
35										200
37	SPARE		1	20	5	-	-			
39	SPARE		1	20	5	-	-			
41	SPARE		1	20	5	-	-			
2	ไฟฟ้าแสงสว่าง 3A		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	680		
4	ไฟฟ้าแสงสว่าง 3A		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		360	
6	ไฟฟ้าแสงสว่างฉุกเฉิน		1	16	5	2x4 /G-2.5, FRC	dia. 15mm IMC			1,000
8	ไฟฟ้าแสงสว่างฉุกเฉิน 3A		1	16	5	2x4 /G-2.5, FRC	dia. 15mm IMC	1,000		
10	ป้ายทางออกฉุกเฉิน		1	16	5	2x4 /G-2.5, FRC	dia. 15mm IMC		1,000	
12	ป้ายทางออกฉุกเฉิน 3A		1	16	5	2x4 /G-2.5, FRC	dia. 15mm IMC			1,000
14	SENSOR สวมกันที่ห้องนำชาย	a	1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	500		
16	SENSOR สวมกันที่ห้องนำหญิง + คนพิการ	a	1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT		500	
18	3IP-DCC (BMS)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT			500
20	3RPU (SECURITY)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	500		
22	3CCS (CCTV)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT		500	
24	3DKM (METERING)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT			500
26	3HUB1		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	500		
28	ป้ายสัญลักษณ์		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT		1,000	
30	ป้ายสัญลักษณ์ 3A		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT			500
32	SPACE		-	-	-	-	-			
34	SPACE		-	-	-	-	-			
36	SPACE		-	-	-	-	-			
38	SPACE		-	-	-	-	-			
40	SPACE		-	-	-	-	-			
42	SPACE		-	-	-	-	-			
CONNECT TO :		MAIN CB :		MAIN CONDUCTOR :		CONNECTED LOAD		9,380	7,080	7,380
EMDB		3P, 50AT/100AF		4x16/G-6, IEC01		(VA)		23,840		
		Ic ≥ 18 kA at 400VAC. 50Hz.		RACEWAY :		DEMAND FACTOR		0.80		
				32 sqmm Dia. IMC		DEMAND LOAD (VA)		19,072		

NOTE:

a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION 0

PANEL NO. : 3AELP1						LOCATION :	OFFICE 3A FL.			
CAPACITY : 100 A. 12 CIRCUITS, 230/400 VAC. 50 Hz.						MOUNTING :	WALL MOUNTED			
MAIN : CB										
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA		
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C
1	ไฟฟ้าแสงสว่าง		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	240		
3	ไฟฟ้าแสงสว่าง		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT		480	
5	ไฟฟ้าแสงสว่าง		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT			600
7	ไฟฟ้าแสงสว่าง		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	120		
9	ไฟฟ้าแสงสว่างฉุกเฉิน		1	16	5	2x2.5 /G-2.5, FRC	dia. 15mm IMC		500	
11	ป้ายทางออกฉุกเฉิน		1	16	5	2x2.5 /G-2.5, FRC	dia. 15mm IMC			500
2	EF-T3A/01		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	500		
4	SPARE		1	20	5	-	-		1,000	
6	SPARE		1	20	5	-	-			1,000
8	SPARE		1	20	5	-	-	1,000		
10	SPARE		1	20	5	-	-		1,000	
12	SPARE		1	20	5	-	-			1,000
CONNECT TO :		MAIN CB :		MAIN CONDUCTOR :		CONNECTED LOAD		1,860	2,980	3,100
EMDB		3P, 30AT/100AF		4x6/G-4, IEC01		(VA)		7,940		
		Ic ≥ 18 kA at 400VAC. 50Hz.		RACEWAY :		DEMAND FACTOR		0.80		
				20 sqmm Dia. IMC		DEMAND LOAD (VA)		6,352		

NOTE:

- a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18
REVISION 0

PANEL NO. : 4ELP1		LOCATION :		EE ROOM 4 FL.							
CAPACITY : 100 A. 30 CIRCUITS, 230/400 VAC. 50 Hz.		MOUNTING :		WALL MOUNTED							
MAIN : CB											
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA			
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C	
1	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	1,280			
3	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		640		
5	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT			640	
7	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	1,280			
9	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		480		
11	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT			320	
13	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	480			
15	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		400		
17	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT			400	
19	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	200			
21	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		1,000		
23	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT			320	
25	SPACE		-	-	-	-	-				
27	SPACE		-	-	-	-	-				
29	SPACE		-	-	-	-	-				
2	เด้ารับไฟฟ้า		1	20	5	4x4 /G-2.5, IEC01	dia. 15mm EMT	1,000			
4	ไฟฟ้าแสงสว่างฉุกเฉิน		1	16	5	2x4 /G-2.5, FRC	dia. 15mm IMC		1,000		
6	ป้ายทางออกฉุกเฉิน		1	16	5	2x4 /G-2.5, FRC	dia. 15mm IMC			1,000	
8	ไฟฟ้าแสงสว่าง บันไดหนีไฟ		1	16	5	2x4 /G-2.5, FRC	dia. 15mm IMC	500			
10	ไฟฟ้าแสงสว่าง บันไดหนีไฟ		1	16	5	2x4 /G-2.5, FRC	dia. 15mm IMC		500		
12	ไฟฟ้าแสงสว่าง บันไดหนีไฟ		1	16	5	2x4 /G-2.5, FRC	dia. 15mm IMC			500	
14	ไฟฟ้าแสงสว่าง บันไดหนีไฟ		1	16	5	2x4 /G-2.5, FRC	dia. 15mm IMC	500			
16	ไฟฟ้าแสงสว่าง บันได		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		500		
18	4IP-DCC (BMS)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT			500	
20	4RPU (SECURITY)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	500			
22	4CCS (CCTV)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT		500		
24	4DKM (METERING)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT			500	
26	4CARPARK SYSTEM		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	500			
28	ป้ายสัญลักษณ์		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT		1,000		
30	SPARE		1	20	5	-	-			1,000	
CONNECT TO :		MAIN CB :			MAIN CONDUCTOR :		CONNECTED LOAD		6,240	6,020	5,180
EMDB		3P, 30AT/100AF			4x6/G-4, IEC01		(VA)		17,440		
		Ic ≥ 18 kA at 400VAC. 50Hz.			RACEWAY :		DEMAND FACTOR		0.80		
					20 sqmm Dia. IMC		DEMAND LOAD (VA)		13,952		

NOTE:

- a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION 0

PANEL NO. : 5ELP1		LOCATION :		EE ROOM 5 FL.							
CAPACITY : 100 A. 24 CIRCUITS, 230/400 VAC. 50 Hz.		MOUNTING :		WALL MOUNTED							
MAIN : CB											
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA			
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C	
1	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	1,280			
3	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		640		
5	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT			640	
7	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	1,280			
9	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		480		
11	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT			160	
13	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	480			
15	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		400		
17	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT			400	
19	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	200			
21	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		1,000		
23	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT			320	
25	SPACE		-	-	-	-	-				
27	SPACE		-	-	-	-	-				
29	SPACE		-	-	-	-	-				
2	ตู้รับไฟฟ้า		1	20	5	4x4 /G-2.5, IEC01	dia. 15mm EMT	1,000			
4	ไฟฟ้าแสงสว่างฉุกเฉิน		1	16	5	2x4 /G-2.5, FRC	dia. 15mm IMC		1,000		
6	ป้ายทางออกฉุกเฉิน		1	16	5	2x4 /G-2.5, FRC	dia. 15mm IMC			1,000	
8	5IP-DCC (BMS)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	500			
10	5RPU (SECURITY)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT		500		
12	5CCS (CCTV)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT			500	
14	5DKM (METERING)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	500			
16	5CARPARK SYSTEM		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT		500		
18	ป้ายสัญลักษณ์		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT			1,000	
20	SPACE		-	-	-	-	-				
22	SPACE		-	-	-	-	-				
24	SPACE		-	-	-	-	-				
26	SPACE		-	-	-	-	-				
28	SPACE		-	-	-	-	-				
30	SPACE		-	-	-	-	-				
CONNECT TO :		MAIN CB :			MAIN CONDUCTOR :		CONNECTED LOAD		5,240	4,520	4,020
EMDB		3P, 30AT/100AF			4x6/G-4, IEC01		(VA)		13,780		
		Ic ≥ 18 kA at 400VAC. 50Hz.			RACEWAY :		DEMAND FACTOR		0.80		
					20 sqmm Dia. IMC		DEMAND LOAD (VA)		11,024		

NOTE:

- a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18
REVISION 0

PANEL NO. : 6ELP1						LOCATION :		EE ROOM 6 FL.			
CAPACITY : 100 A. 30 CIRCUITS, 230/400 VAC. 50 Hz.						MOUNTING :		WALL MOUNTED			
MAIN : CB											
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA			
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C	
1	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	1,200			
3	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		640		
5	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT			640	
7	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	1,280			
9	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		480		
11	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT			160	
13	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	480			
15	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		400		
17	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT			400	
19	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	200			
21	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		1,000		
23	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT			320	
25	SPACE		-	-	-	-	-				
27	SPACE		-	-	-	-	-				
29	SPACE		-	-	-	-	-				
2	ตู้รับไฟฟ้า		1	20	5	4x4 /G-2.5, IEC01	dia. 15mm EMT	1,000			
4	ไฟฟ้าแสงสว่างฉุกเฉิน		1	16	5	2x4 /G-2.5, FRC	dia. 15mm IMC		1,000		
6	ป้ายทางออกฉุกเฉิน		1	16	5	2x4 /G-2.5, FRC	dia. 15mm IMC			1,000	
8	6IP-DCC (BMS)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	500			
10	6RPU (SECURITY)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT		500		
12	6CCS (CCTV)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT			500	
14	6DKM (METERING)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	500			
16	6CARPARK SYSTEM		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT		500		
18	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT			160	
20	ป้ายสัญลักษณ์		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	1,000			
22	SPARE		1	20	5	-	-		1,000		
24	SPACE		1	20	5	-	-			1,000	
26	SPACE		-	-	-	-	-				
28	SPACE		-	-	-	-	-				
30	SPACE		-	-	-	-	-				
CONNECT TO :		MAIN CB :			MAIN CONDUCTOR :		CONNECTED LOAD		6,160	5,520	4,180
EMDB		3P, 30AT/100AF			4x6/G-4, IEC01		(VA)		15,860		
		Ic ≥ 18 kA at 400VAC. 50Hz.			RACEWAY :		DEMAND FACTOR		0.80		
					20 sqmm Dia. IMC		DEMAND LOAD (VA)		12,688		

NOTE:

- a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18
REVISION 0

PANEL NO. : 7ELP1		LOCATION :		EE ROOM 7 FL.							
CAPACITY : 100 A. 30 CIRCUITS, 230/400 VAC. 50 Hz.		MOUNTING :		WALL MOUNTED							
MAIN : CB											
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA			
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C	
1	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	1,200			
3	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		520		
5	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT			520	
7	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	1,200			
9	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		600		
11	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT			160	
13	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	240			
15	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		440		
17	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT			360	
19	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	600			
21	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		1,080		
23	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT			1,000	
25	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	320			
27	SPACE		-	-	-	-	-				
29	SPACE		-	-	-	-	-				
2	เด้ารับไฟฟ้า		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	1,000			
4	เด้ารับไฟฟ้า		1	20	5	2x6 /G-4, IEC01	dia. 20mm EMT		1,000		
6	เด้ารับไฟฟ้า		1	20	5	2x6 /G-4, IEC01	dia. 20mm EMT			1,000	
8	ไฟฟ้าแสงสว่างฉุกเฉิน		1	16	5	2x4/G-2.5, FRC	dia. 15mm IMC	1,000			
10	ป้ายทางออกฉุกเฉิน		1	16	5	2x4 /G-2.5, FRC	dia. 15mm IMC		1,000		
12	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT			160	
14	7IP-DCC (BMS)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	500			
16	7RPU (SECURITY)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT		500		
18	7CCS (CCTV)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT			500	
20	7DKM (METERING)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	500			
22	7CARPARK SYSTEM		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT		500		
24	ป้ายสัญลักษณ์		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT			1,000	
26	SPACE		-	-	-	-	-				
28	SPACE		-	-	-	-	-				
30	SPACE		-	-	-	-	-				
CONNECT TO :		MAIN CB :			MAIN CONDUCTOR :		CONNECTED LOAD		6,560	5,640	4,700
EMDB		3P, 30AT/100AF			4x6/G-4, IEC01		(VA)		16,900		
		Ic ≥ 18 kA at 400VAC. 50Hz.			RACEWAY :		DEMAND FACTOR		0.80		
					20 sqmm Dia. IMC		DEMAND LOAD (VA)		13,520		

NOTE:

- a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION 0

PANEL NO. : 8ELP1		LOCATION :				EE ROOM 8 FL.					
CAPACITY : 100 A. 36 CIRCUITS, 230/400 VAC. 50 Hz.		MOUNTING :				WALL MOUNTED					
MAIN : CB											
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA			
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C	
1	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	1,120			
3	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		1,120		
5	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT			720	
7	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	320			
9	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		700		
11	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT			160	
13	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	220			
15	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		620		
17	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT			120	
19	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	1600			
21	EF-T8/01	a	1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		500		
23	EF-T8/02	a	1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT			500	
25	8IP-DCC (BMS)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	500			
27	8RPU (SECURITY)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT		500		
29	8CCS (CCTV)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT			500	
31	8DKM (METERING)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	500			
33	SPACE		-	-	-	-	-				
35	SPACE		-	-	-	-	-				
2	เด้ารับไฟฟ้า		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	1,000			
4	ไฟฟ้าแสงสว่าง บันไดหนีไฟ		1	16	5	2x4 /G-2.5, FRC	dia. 15mm IMC		1,000		
6	ไฟฟ้าแสงสว่าง บันไดหนีไฟ		1	16	5	2x4 /G-2.5, FRC	dia. 15mm IMC			1,000	
8	ไฟฟ้าแสงสว่าง บันไดหนีไฟ		1	16	5	2x4 /G-2.5, FRC	dia. 15mm IMC	1,000			
10	ไฟฟ้าแสงสว่าง บันไดหนีไฟ		1	16	5	2x4 /G-2.5, FRC	dia. 15mm IMC		1,000		
12	SENSOR สุขภัณฑ์ห้องนํ้าชาย		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT			500	
14	SENSOR สุขภัณฑ์ห้องนํ้าหญิง + คนพิการ		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	500			
16	ไฟฟ้าแสงสว่างฉุกเฉิน		1	16	5	2x4/G-2.5, FRC	dia. 15mm IMC		1,000		
18	ป้ายทางออกฉุกเฉิน		1	16	5	2x4 /G-2.5, FRC	dia. 15mm IMC			1,000	
20	SPACE		-	-	-	-	-				
22	SPACE		-	-	-	-	-				
24	SPACE		-	-	-	-	-				
26	SPACE		-	-	-	-	-				
28	SPACE		-	-	-	-	-				
30	SPACE		-	-	-	-	-				
CONNECT TO :		MAIN CB :			MAIN CONDUCTOR :		CONNECTED LOAD		6,760	6,440	4,500
EMDB		3P, 50AT/100AF			4x16/G-6, IEC01		(VA)		17,700		
		Ic ≥ 18 kA at 400VAC. 50Hz.			RACEWAY :		DEMAND FACTOR		0.80		
					32 sqmm Dia. IMC		DEMAND LOAD (VA)		14,160		

NOTE:

a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18
REVISION 0

PANEL NO. : 9ELP1		LOCATION :				EE ROOM 9 FL.				
CAPACITY : 100 A. 36 CIRCUITS, 230/400 VAC. 50 Hz.		MOUNTING :				WALL MOUNTED				
MAIN : CB										
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA		
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C
1	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	560		
3	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		760	
5	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT			2,380
7	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	2,380		
9	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		120	
11	ไฟฟ้าแสงสว่างฉุกเฉิน		1	16	5	2x2.5 /G-2.5, FRC	dia. 15mm IMC			1,000
13	ป้ายทางออกฉุกเฉิน		1	16	5	2x2.5 /G-2.5, FRC	dia. 15mm IMC	1,000		
15	SENSOR สวมกันที่ห้องนำชาย	a	1	16	5	2x4 /G-2.5, IEC01	dia. 15mm IMC		500	
17	SENSOR สวมกันที่ห้องนำหญิง + คนพิการ	a	1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT			500
19								500		
21	EF-T9/01		3	20	5	4x4 /G-2.5, IEC01	dia. 20mm EMT		500	
23										500
25								500		
27	EF-T9/02		3	20	5	4x4 /G-2.5, IEC01	dia. 20mm EMT		500	
29										500
31	SPACE		-	-	-	-	-			
33	SPACE		-	-	-	-	-			
35	SPACE		-	-	-	-	-			
2	เด้ารับไฟฟ้า		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	1,000		
4	เด้ารับไฟฟ้า		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		400	
6	SENSOR สวมกันที่ห้องนำชาย	a	1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT			500
8	SENSOR สวมกันที่ห้องนำหญิง + คนพิการ	a	1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	500		
10	9IP-DCC (BMS)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT		500	
12	9RPU (SECURITY)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT			500
14	9CCS (CCTV)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	500		
16	9DKM (METERING)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT		500	
18	9HUB1		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT			500
20	SPARE		1	20	5	-	-	1,000		
22	SPARE		1	20	5	-	-		1,000	
24	SPARE		1	20	5	-	-			1,000
26	SPACE		-	-	-	-	-			
28	SPACE		-	-	-	-	-			
30	SPACE		-	-	-	-	-			
32	SPACE		-	-	-	-	-			
34	SPACE		-	-	-	-	-			
36	SPACE		-	-	-	-	-			
CONNECT TO :		MAIN CB :			MAIN CONDUCTOR :		CONNECTED LOAD			
EMDB		3P, 50AT/100AF			4x16/G-6, IEC01		(VA)			
		Ic ≥ 18 kA at 400VAC. 50Hz.			RACEWAY :		DEMAND FACTOR			
					32 sqmm Dia. IMC		DEMAND LOAD (VA)			
							7,940	4,780	7,380	
							20,100			
							0.80			
							16,080			

NOTE:

a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18
REVISION 0

PANEL NO. : 9AELP1						LOCATION :		EE ROOM 9 FL.			
CAPACITY : 100 A. 30 CIRCUITS, 230/400 VAC. 50 Hz.						MOUNTING :		WALL MOUNTED			
MAIN : CB											
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA			
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C	
1	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	1,900			
3	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		1,900		
5	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT			1,900	
7	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	1,900			
9	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		950		
11	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT			950	
13	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	760			
15	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		160		
17	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT			200	
19	SPARE		1	20	5	-	-	1,000			
21	SPARE		1	20	5	-	-		1,000		
23	SPARE		1	20	5	-	-			1,000	
25	SPACE		-	-	-	-	-				
27	SPACE		-	-	-	-	-				
29	SPACE		-	-	-	-	-				
2	เด้ารับไฟฟ้า		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	1,000			
4	เด้ารับไฟฟ้า		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		400		
6	ไฟฟ้าแสงสว่างฉุกเฉิน SIAMSCAPE		1	16	5	2x4 /G-2.5, FRC	dia. 15mm EMT			1,000	
8	ป้ายทางออกฉุกเฉิน SIAMSCAPE		1	16	5	2x4 /G-2.5, FRC	dia. 15mm EMT	1,000			
10	ไฟฟ้าแสงสว่างฉุกเฉิน		1	16	5	2x2.5 /G-2.5, FRC	dia. 15mm IMC		500		
12	ป้ายทางออกฉุกเฉิน		1	16	5	2x2.5 /G-2.5, FRC	dia. 15mm IMC			500	
14	9AIP-DCC (BMS)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	500			
16	9ARPU (SECURITY)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT		500		
18	9ACCS (CCTV)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT			500	
20	9ADKM (METERING)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	500			
22	9AHUB1		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT		500		
24	SPACE		-	-	-	-	-				
26	SPACE		-	-	-	-	-				
28	SPACE		-	-	-	-	-				
30	SPACE		-	-	-	-	-				
CONNECT TO :		MAIN CB :			MAIN CONDUCTOR :		CONNECTED LOAD		8,560	5,910	6,050
EMDB		3P, 50AT/100AF			4x16/G-6, IEC01		(VA)		20,520		
		Ic ≥ 18 kA at 400VAC. 50Hz.			RACEWAY :		DEMAND FACTOR		0.80		
					32 sqmm Dia. IMC		DEMAND LOAD (VA)		16,416		

NOTE:

- a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18
REVISION 0

PANEL NO. : 10ELP1						LOCATION :		EE ROOM 10 FL.			
CAPACITY : 100 A. 24 CIRCUITS, 230/400 VAC. 50 Hz.						MOUNTING :		WALL MOUNTED			
MAIN : CB											
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA			
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C	
1	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	680			
3	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		220		
5	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT			1,000	
7	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	280			
9	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		280		
11	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	dia. 15mm EMT			200	
13								200			
15	EF-T10/01		3	20	5	4x4 /G-2.5, IEC01	dia. 20mm EMT		200		
17										200	
19								200			
21	EF-T10/02		3	20	5	4x4 /G-2.5, IEC01	dia. 20mm EMT		200		
23										200	
25	SPACE		-	-	-	-	-				
27	SPACE		-	-	-	-	-				
29	SPACE		-	-	-	-	-				
2	เด้ารับไฟฟ้า		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	1,000			
4	เด้ารับไฟฟ้า		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		400		
6	SENSOR สุขภัณฑ์ห้องน้ชาย	a	1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT			500	
8	SENSOR สุขภัณฑ์ห้องน้หญิง + คนพิการ	a	1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	500			
10	ไฟฟ้าแสงสว่างฉุกเฉิน		1	16	5	2x2.5 /G-2.5, FRC	dia. 15mm IMC		500		
12	ป้ายทางออกฉุกเฉิน		1	16	5	2x2.5 /G-2.5, FRC	dia. 15mm IMC			500	
14	10IP-DCC (BMS)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	500			
16	10RPU (SECURITY)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT		500		
18	10CCS (CCTV)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT			500	
20	10DKM (METERING)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	500			
22	10HUB1		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT		500		
24	SPACE		-	-	-	-	-				
26	SPACE		-	-	-	-	-				
28	SPACE		-	-	-	-	-				
30	SPACE		-	-	-	-	-				
CONNECT TO :		MAIN CB :			MAIN CONDUCTOR :		CONNECTED LOAD		3,860	2,800	3,100
EMDB		3P, 30AT/100AF			4x6/G-4, IEC01		(VA)		9,760		
		Ic ≥ 18 kA at 400VAC. 50Hz.			RACEWAY :		DEMAND FACTOR		0.80		
					20 sqmm Dia. IMC		DEMAND LOAD (VA)		7,808		

NOTE:

a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION 0

PANEL NO. : 11ELP1		LOCATION :		EE ROOM 11 FL.							
CAPACITY : 100 A. 30 CIRCUITS, 230/400 VAC. 50 Hz.		MOUNTING :		WALL MOUNTED							
MAIN : CB											
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA			
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C	
1	ไฟฟ้าแสงสว่าง		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	400			
3	ไฟฟ้าแสงสว่าง		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT		240		
5	ไฟฟ้าแสงสว่าง		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT			760	
7	ไฟฟ้าแสงสว่าง		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	240			
9	ไฟฟ้าแสงสว่างฉุกเฉิน		1	16	5	2x2.5 /G-2.5, FRC	dia. 15mm IMC		500		
11	ป้ายทางออกฉุกเฉิน		1	16	5	2x2.5 /G-2.5, FRC	dia. 15mm IMC			500	
13								200			
15	EF-T11/01		3	20	5	4x4 /G-2.5, IEC01	dia. 20mm EMT		200		
17										200	
19	ไฟฟ้าแสงสว่าง ห้องนำ		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	880			
21	SPACE		-	-	-	-	-				
23	SPACE		-	-	-	-	-				
25	SPACE		-	-	-	-	-				
27	SPACE		-	-	-	-	-				
29	SPACE		-	-	-	-	-				
2	เด้ารับไฟฟ้า		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	1,000			
4	SENSOR สุขภัณฑ์ห้องนํ้าชาย	a	1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT		500		
6	SENSOR สุขภัณฑ์ห้องนํ้าหญิง + คนพิการ	a	1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT			500	
8								200			
10	EF-T11/02		3	20	5	4x4 /G-2.5, IEC01	dia. 20mm EMT		200		
12										200	
14	ไฟฟ้าแสงสว่าง บันไดหนีไฟ		1	16	5	2x4 /G-2.5, FRC	dia. 15mm IMC	1,000			
16	ไฟฟ้าแสงสว่าง บันไดหนีไฟ		1	16	5	2x4 /G-2.5, FRC	dia. 15mm IMC		1,000		
18	10IP-DCC (BMS)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT			500	
20	10RPU (SECURITY)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	500			
22	10CCS (CCTV)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT		500		
24	10DKM (METERING)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT			500	
26	SPACE		-	-	-	-	-				
28	SPACE		-	-	-	-	-				
30	SPACE		-	-	-	-	-				
CONNECT TO :		MAIN CB :			MAIN CONDUCTOR :		CONNECTED LOAD		4,420	3,140	3,160
EMDB		3P, 30AT/100AF			4x6/G-4, IEC01		(VA)		10,720		
		Ic ≥ 18 kA at 400VAC. 50Hz.			RACEWAY :		DEMAND FACTOR		0.80		
					20 sqmm Dia. IMC		DEMAND LOAD (VA)		8,576		

NOTE:

a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18
REVISION 0

PANEL NO. : 12ELP1		LOCATION :		EE ROOM 12 FL.							
CAPACITY : 100 A. 30 CIRCUITS, 230/400 VAC. 50 Hz.		MOUNTING :		WALL MOUNTED							
MAIN : CB											
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA			
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C	
1	ไฟฟ้าแสงสว่าง		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	400			
3	ไฟฟ้าแสงสว่าง		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT		240		
5	ไฟฟ้าแสงสว่าง		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT			760	
7	ไฟฟ้าแสงสว่าง		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	240			
9	ไฟฟ้าแสงสว่างฉุกเฉิน		1	16	5	2x2.5 /G-2.5, FRC	dia. 15mm IMC		500		
11	ป้ายทางออกฉุกเฉิน		1	16	5	2x2.5 /G-2.5, FRC	dia. 15mm IMC			500	
13								200			
15	EF-T12/01		3	20	5	4x4 /G-2.5, IEC01	dia. 20mm EMT		200		
17										200	
19	ไฟฟ้าแสงสว่าง ห้องน้ำ		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	880			
21	SPACE		-	-	-	-	-				
23	SPACE		-	-	-	-	-				
25	SPACE		-	-	-	-	-				
27	SPACE		-	-	-	-	-				
29	SPACE		-	-	-	-	-				
2	เด้ารับไฟฟ้า		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	1,000			
4	SENSOR สุขภัณฑ์ห้องน้ำชาย	a	1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT		500		
6	SENSOR สุขภัณฑ์ห้องน้ำหญิง + คนพิการ	a	1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT			500	
8								200			
10	EF-T12/02		3	20	5	4x4 /G-2.5, IEC01	dia. 20mm EMT		200		
12										200	
14	12IP-DCC (BMS)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	500			
16	12RPU (SECURITY)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT		500		
18	12CCS (CCTV)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT			500	
20	12DKM (METERING)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	500			
22	SPACE		-	-	-	-	-				
24	SPACE		-	-	-	-	-				
26	SPACE		-	-	-	-	-				
28	SPACE		-	-	-	-	-				
30	SPACE		-	-	-	-	-				
CONNECT TO :		MAIN CB :			MAIN CONDUCTOR :		CONNECTED LOAD		3,920	2,140	2,660
EMDB		3P, 30AT/100AF			4x6/G-4, IEC01		(VA)		8,720		
		Ic ≥ 18 kA at 400VAC. 50Hz.			RACEWAY :		DEMAND FACTOR		0.80		
					20 sqmm Dia. IMC		DEMAND LOAD (VA)		6,976		

NOTE:

a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION 0

PANEL NO. : 13ELP1		LOCATION :				EE ROOM 13 FL.					
CAPACITY : 100 A. 30 CIRCUITS, 230/400 VAC. 50 Hz.		MOUNTING :				WALL MOUNTED					
MAIN : CB											
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA			
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C	
1	ไฟฟ้าแสงสว่าง		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	400			
3	ไฟฟ้าแสงสว่าง		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT		240		
5	ไฟฟ้าแสงสว่าง		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT			760	
7	ไฟฟ้าแสงสว่าง		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	240			
9	ไฟฟ้าแสงสว่างฉุกเฉิน		1	16	5	2x2.5 /G-2.5, FRC	dia. 15mm IMC		500		
11	ป้ายทางออกฉุกเฉิน		1	16	5	2x2.5 /G-2.5, FRC	dia. 15mm IMC			500	
13								200			
15	EF-T13/01		3	20	5	4x4 /G-2.5, IEC01	dia. 20mm EMT		200		
17										200	
19	ไฟฟ้าแสงสว่าง ห้องนำ		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	880			
21	SPACE		-	-	-	-	-				
23	SPACE		-	-	-	-	-				
25	SPACE		-	-	-	-	-				
27	SPACE		-	-	-	-	-				
29	SPACE		-	-	-	-	-				
2	เด้ารับไฟฟ้า		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	1,000			
4	SENSOR สุขภัณฑ์ห้องนำชาย	a	1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT		500		
6	SENSOR สุขภัณฑ์ห้องนำหญิง + คนพิการ	a	1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT			500	
8								200			
10	EF-T13/02		3	20	5	4x4 /G-2.5, IEC01	dia. 20mm EMT		200		
12										200	
14	13IP-DCC (BMS)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	500			
16	13RPU (SECURITY)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT		500		
18	13CCS (CCTV)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT			500	
20	13DKM (METERING)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	500			
22	SPACE		-	-	-	-	-				
24	SPACE		-	-	-	-	-				
26	SPACE		-	-	-	-	-				
28	SPACE		-	-	-	-	-				
30	SPACE		-	-	-	-	-				
CONNECT TO :		MAIN CB :			MAIN CONDUCTOR :		CONNECTED LOAD				
EMDB		3P, 30AT/100AF			4x6/G-4, IEC01		(VA)			3,920	
		Ic ≥ 18 kA at 400VAC. 50Hz.			RACEWAY :		DEMAND FACTOR			2,140	
					20 sqmm Dia. IMC		DEMAND LOAD (VA)			2,660	
										8,720	
										0.80	
										6,976	

NOTE:

a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18
REVISION 0

PANEL NO. : 14ELP1		LOCATION :		EE ROOM 14 FL.							
CAPACITY : 100 A. 30 CIRCUITS, 230/400 VAC. 50 Hz.		MOUNTING :		WALL MOUNTED							
MAIN : CB											
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA			
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C	
1	ไฟฟ้าแสงสว่าง		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	400			
3	ไฟฟ้าแสงสว่าง		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT		240		
5	ไฟฟ้าแสงสว่าง		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT			760	
7	ไฟฟ้าแสงสว่าง		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	240			
9	ไฟฟ้าแสงสว่างฉุกเฉิน		1	16	5	2x2.5 /G-2.5, FRC	dia. 15mm IMC		500		
11	ป้ายทางออกฉุกเฉิน		1	16	5	2x2.5 /G-2.5, FRC	dia. 15mm IMC			500	
13								200			
15	EF-T14/01		3	20	5	4x4 /G-2.5, IEC01	dia. 20mm EMT		200		
17										200	
19	ไฟฟ้าแสงสว่าง ห้องนำ		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	880			
21	SPACE		-	-	-	-	-				
23	SPACE		-	-	-	-	-				
25	SPACE		-	-	-	-	-				
27	SPACE		-	-	-	-	-				
29	SPACE		-	-	-	-	-				
2	เด้ารับไฟฟ้า		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	1,000			
4	SENSOR สวมกั้นที่ห้องนำชาย	a	1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT		500		
6	SENSOR สวมกั้นที่ห้องนำหญิง + คนพิการ	a	1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT			500	
8								200			
10	EF-T14/02		3	20	5	4x4 /G-2.5, IEC01	dia. 20mm EMT		200		
12										200	
14	14IP-DCC (BMS)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	500			
16	14RPU (SECURITY)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT		500		
18	14CCS (CCTV)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT			500	
20	14DKM (METERING)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	500			
22	SPACE		-	-	-	-	-				
24	SPACE		-	-	-	-	-				
26	SPACE		-	-	-	-	-				
28	SPACE		-	-	-	-	-				
30	SPACE		-	-	-	-	-				
CONNECT TO :		MAIN CB :			MAIN CONDUCTOR :		CONNECTED LOAD		3,920	2,140	2,660
EMDB		3P, 30AT/100AF			4x6/G-4, IEC01		(VA)		8,720		
		Ic ≥ 18 kA at 400VAC. 50Hz.			RACEWAY :		DEMAND FACTOR		0.80		
					20 sqmm Dia. IMC		DEMAND LOAD (VA)		6,976		

NOTE:

a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18
REVISION 0

PANEL NO. : 15ELP1		LOCATION :		EE ROOM 15 FL.							
CAPACITY : 100 A. 30 CIRCUITS, 230/400 VAC. 50 Hz.		MOUNTING :		WALL MOUNTED							
MAIN : CB											
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA			
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C	
1	ไฟฟ้าแสงสว่าง		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	320			
3	ไฟฟ้าแสงสว่าง		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT		560		
5	ไฟฟ้าแสงสว่าง		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT			800	
7	ไฟฟ้าแสงสว่าง		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	120			
9	ไฟฟ้าแสงสว่างฉุกเฉิน		1	16	5	2x2.5 /G-2.5, FRC	dia. 15mm IMC		500		
11	ป้ายทางออกฉุกเฉิน		1	16	5	2x2.5 /G-2.5, FRC	dia. 15mm IMC			500	
13								200			
15	EF-T15/01		3	20	5	4x4 /G-2.5, IEC01	dia. 20mm EMT		200		
17										200	
19	SPACE		-	-	-	-	-				
21	SPACE		-	-	-	-	-				
23	SPACE		-	-	-	-	-				
25	SPACE		-	-	-	-	-				
27	SPACE		-	-	-	-	-				
29	SPACE		-	-	-	-	-				
2	เด้ารับไฟฟ้า		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	1,000			
4	SENSOR สุขภัณฑ์ห้องนํ้าชาย	a	1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT		500		
6	SENSOR สุขภัณฑ์ห้องนํ้าหญิง + คนพิการ	a	1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT			500	
8								200			
10	EF-T15/02		3	20	5	4x4 /G-2.5, IEC01	dia. 20mm EMT		200		
12										200	
14	ไฟฟ้าแสงสว่าง บันไดหนีไฟ		1	16	5	2x4 /G-2.5, FRC	dia. 15mm IMC	1,000			
16	ไฟฟ้าแสงสว่าง บันไดหนีไฟ		1	16	5	2x4 /G-2.5, FRC	dia. 15mm IMC		1,000		
18	15IP-DCC (BMS)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT			500	
20	15RPU (SECURITY)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	500			
22	15CCS (CCTV)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT		500		
24	15DKM (METERING)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT			500	
26	SPACE		-	-	-	-	-				
28	SPACE		-	-	-	-	-				
30	SPACE		-	-	-	-	-				
CONNECT TO :		MAIN CB :			MAIN CONDUCTOR :		CONNECTED LOAD		3,340	3,460	3,200
15EDB1		3P, 30AT/100AF			4x6/G-4, IEC01		(VA)		10,000		
		Ic ≥ 18 kA at 400VAC. 50Hz.			RACEWAY :		DEMAND FACTOR		0.80		
					20 sqmm Dia. IMC		DEMAND LOAD (VA)		8,000		

NOTE:

a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18
REVISION 0

PANEL NO. : 16ELP1		LOCATION :		EE ROOM 16 FL.							
CAPACITY : 100 A. 30 CIRCUITS, 230/400 VAC. 50 Hz.		MOUNTING :		WALL MOUNTED							
MAIN : CB											
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA			
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C	
1	ไฟฟ้าแสงสว่าง		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	320			
3	ไฟฟ้าแสงสว่าง		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT		560		
5	ไฟฟ้าแสงสว่าง		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT			800	
7	ไฟฟ้าแสงสว่าง		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	120			
9	ไฟฟ้าแสงสว่างฉุกเฉิน		1	16	5	2x2.5 /G-2.5, FRC	dia. 15mm IMC		500		
11	ป้ายทางออกฉุกเฉิน		1	16	5	2x2.5 /G-2.5, FRC	dia. 15mm IMC			500	
13								200			
15	EF-T16/01		3	20	5	4x4 /G-2.5, IEC01	dia. 20mm EMT		200		
17										200	
19	SPACE		-	-	-	-	-				
21	SPACE		-	-	-	-	-				
23	SPACE		-	-	-	-	-				
25	SPACE		-	-	-	-	-				
27	SPACE		-	-	-	-	-				
29	SPACE		-	-	-	-	-				
2	เด้ารับไฟฟ้า		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	1,000			
4	SENSOR สวมกลิ่นที่ห้องนำชาย	a	1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT		500		
6	SENSOR สวมกลิ่นที่ห้องนำหญิง + คนพิการ	a	1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT			500	
8								200			
10	EF-T16/02		3	20	5	4x4 /G-2.5, IEC01	dia. 20mm EMT		200		
12										200	
14	16IP-DCC (BMS)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	500			
16	16RPU (SECURITY)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT		500		
18	16CCS (CCTV)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT			500	
20	16DKM (METERING)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	500			
22	SPACE		-	-	-	-	-				
24	SPACE		-	-	-	-	-				
26	SPACE		-	-	-	-	-				
28	SPACE		-	-	-	-	-				
30	SPACE		-	-	-	-	-				
CONNECT TO :		MAIN CB :			MAIN CONDUCTOR :		CONNECTED LOAD		2,840	2,460	2,700
EMDB		3P, 30AT/100AF			4x6/G-4, IEC01		(VA)		8,000		
		Ic ≥ 18 kA at 400VAC. 50Hz.			RACEWAY :		DEMAND FACTOR		0.80		
					20 sqmm Dia. IMC		DEMAND LOAD (VA)		6,400		

NOTE:

a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18
REVISION 0

PANEL NO. : 17ELP1		LOCATION :		EE ROOM 17 FL.							
CAPACITY : 100 A. 30 CIRCUITS, 230/400 VAC. 50 Hz.		MOUNTING :		WALL MOUNTED							
MAIN : CB											
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA			
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C	
1	ไฟฟ้าแสงสว่าง		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	320			
3	ไฟฟ้าแสงสว่าง		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT		560		
5	ไฟฟ้าแสงสว่าง		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT			800	
7	ไฟฟ้าแสงสว่าง		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	120			
9	ไฟฟ้าแสงสว่างฉุกเฉิน		1	16	5	2x2.5 /G-2.5, FRC	dia. 15mm IMC		500		
11	ป้ายทางออกฉุกเฉิน		1	16	5	2x2.5 /G-2.5, FRC	dia. 15mm IMC			500	
13								200			
15	EF-T17/01		3	20	5	4x4 /G-2.5, IEC01	dia. 20mm EMT		200		
17										200	
19	SPACE		-	-	-	-	-				
21	SPACE		-	-	-	-	-				
23	SPACE		-	-	-	-	-				
25	SPACE		-	-	-	-	-				
27	SPACE		-	-	-	-	-				
29	SPACE		-	-	-	-	-				
2	เด้ารับไฟฟ้า		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	1,000			
4	SENSOR สวมกั้นที่ห้องนำชาย	a	1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT		500		
6	SENSOR สวมกั้นที่ห้องนำหญิง + คนพิการ	a	1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT			500	
8								200			
10	EF-T17/02		3	20	5	4x4 /G-2.5, IEC01	dia. 20mm EMT		200		
12										200	
14	17IP-DCC (BMS)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	500			
16	17RPU (SECURITY)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT		500		
18	17CCS (CCTV)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT			500	
20	17DKM (METERING)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	500			
22	SPACE		-	-	-	-	-				
24	SPACE		-	-	-	-	-				
26	SPACE		-	-	-	-	-				
28	SPACE		-	-	-	-	-				
30	SPACE		-	-	-	-	-				
CONNECT TO :		MAIN CB :			MAIN CONDUCTOR :		CONNECTED LOAD		2,840	2,460	2,700
EMDB		3P, 30AT/100AF			4x6/G-4, IEC01		(VA)		8,000		
		Ic ≥ 18 kA at 400VAC. 50Hz.			RACEWAY :		DEMAND FACTOR		0.80		
					20 sqmm Dia. IMC		DEMAND LOAD (VA)		6,400		

NOTE:

a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18
REVISION 0

PANEL NO. : 18ELP1		LOCATION :		EE ROOM 18 FL.							
CAPACITY : 100 A. 30 CIRCUITS, 230/400 VAC. 50 Hz.		MOUNTING :		WALL MOUNTED							
MAIN : CB											
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA			
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C	
1	ไฟฟ้าแสงสว่าง		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	320			
3	ไฟฟ้าแสงสว่าง		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT		560		
5	ไฟฟ้าแสงสว่าง		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT			800	
7	ไฟฟ้าแสงสว่าง		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	120			
9	ไฟฟ้าแสงสว่างฉุกเฉิน		1	16	5	2x2.5 /G-2.5, FRC	dia. 15mm IMC		500		
11	ป้ายทางออกฉุกเฉิน		1	16	5	2x2.5 /G-2.5, FRC	dia. 15mm IMC			500	
13								200			
15	EF-T18/01		3	20	5	4x4 /G-2.5, IEC01	dia. 20mm EMT		200		
17										200	
19	SPACE		-	-	-	-	-				
21	SPACE		-	-	-	-	-				
23	SPACE		-	-	-	-	-				
25	SPACE		-	-	-	-	-				
27	SPACE		-	-	-	-	-				
29	SPACE		-	-	-	-	-				
2	เด้ารับไฟฟ้า		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	1,000			
4	SENSOR สวมกั้นที่ห้องนำชาย	a	1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT		500		
6	SENSOR สวมกั้นที่ห้องนำหญิง + คนพิการ	a	1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT			500	
8								200			
10	EF-T18/02		3	20	5	4x4 /G-2.5, IEC01	dia. 20mm EMT		200		
12										200	
14	18IP-DCC (BMS)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	500			
16	18RPU (SECURITY)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT		500		
18	18CCS (CCTV)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT			500	
20	18DKM (METERING)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	500			
22	SPACE		-	-	-	-	-				
24	SPACE		-	-	-	-	-				
26	SPACE		-	-	-	-	-				
28	SPACE		-	-	-	-	-				
30	SPACE		-	-	-	-	-				
CONNECT TO :		MAIN CB :			MAIN CONDUCTOR :		CONNECTED LOAD		2,840	2,460	2,700
EMDB		3P, 30AT/100AF			4x6/G-4, IEC01		(VA)		8,000		
		Ic ≥ 18 kA at 400VAC. 50Hz.			RACEWAY :		DEMAND FACTOR		0.80		
					20 sqmm Dia. IMC		DEMAND LOAD (VA)		6,400		

NOTE:

a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18
REVISION 0

PANEL NO. : 19ELP1		LOCATION :		EE ROOM 19 FL.							
CAPACITY : 100 A. 30 CIRCUITS, 230/400 VAC. 50 Hz.		MOUNTING :		WALL MOUNTED							
MAIN : CB											
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA			
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C	
1	ไฟฟ้าแสงสว่าง		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	320			
3	ไฟฟ้าแสงสว่าง		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT		560		
5	ไฟฟ้าแสงสว่าง		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT			800	
7	ไฟฟ้าแสงสว่าง		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	120			
9	ไฟฟ้าแสงสว่างฉุกเฉิน		1	16	5	2x2.5 /G-2.5, FRC	dia. 15mm IMC		500		
11	ป้ายทางออกฉุกเฉิน		1	16	5	2x2.5 /G-2.5, FRC	dia. 15mm IMC			500	
13								200			
15	EF-T19/01		3	20	5	4x4 /G-2.5, IEC01	dia. 20mm EMT		200		
17										200	
19	SPACE		-	-	-	-	-				
21	SPACE		-	-	-	-	-				
23	SPACE		-	-	-	-	-				
25	SPACE		-	-	-	-	-				
27	SPACE		-	-	-	-	-				
29	SPACE		-	-	-	-	-				
2	เด้ารับไฟฟ้า		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	1,000			
4	SENSOR สุขภัณฑ์ห้องนชาย	a	1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT		500		
6	SENSOR สุขภัณฑ์ห้องนหญิง + คนพิการ	a	1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT			500	
8								200			
10	EF-T19/02		3	20	5	4x4 /G-2.5, IEC01	dia. 20mm EMT		200		
12										200	
14	19IP-DCC (BMS)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	500			
16	19RPU (SECURITY)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT		500		
18	19CCS (CCTV)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT			500	
20	19DKM (METERING)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	500			
22	SPACE		-	-	-	-	-				
24	SPACE		-	-	-	-	-				
26	SPACE		-	-	-	-	-				
28	SPACE		-	-	-	-	-				
30	SPACE		-	-	-	-	-				
CONNECT TO :		MAIN CB :			MAIN CONDUCTOR :		CONNECTED LOAD		2,840	2,460	2,700
EMDB		3P, 30AT/100AF			4x6/G-4, IEC01		(VA)		8,000		
		Ic ≥ 18 kA at 400VAC. 50Hz.			RACEWAY :		DEMAND FACTOR		0.80		
					20 sqmm Dia. IMC		DEMAND LOAD (VA)		6,400		

NOTE:

a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18
REVISION 0

PANEL NO. : 20ELP1		LOCATION :		EE ROOM 20 FL.							
CAPACITY : 100 A. 30 CIRCUITS, 230/400 VAC. 50 Hz.		MOUNTING :		WALL MOUNTED							
MAIN : CB											
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA			
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C	
1	ไฟฟ้าแสงสว่าง		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	320			
3	ไฟฟ้าแสงสว่าง		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT		560		
5	ไฟฟ้าแสงสว่าง		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT			800	
7	ไฟฟ้าแสงสว่าง		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	120			
9	ไฟฟ้าแสงสว่างฉุกเฉิน		1	16	5	2x2.5 /G-2.5, FRC	dia. 15mm IMC		500		
11	ป้ายทางออกฉุกเฉิน		1	16	5	2x2.5 /G-2.5, FRC	dia. 15mm IMC			500	
13								200			
15	EF-T20/01		3	20	5	4x4 /G-2.5, IEC01	dia. 20mm EMT		200		
17										200	
19	SPACE		-	-	-	-	-				
21	SPACE		-	-	-	-	-				
23	SPACE		-	-	-	-	-				
25	SPACE		-	-	-	-	-				
27	SPACE		-	-	-	-	-				
29	SPACE		-	-	-	-	-				
2	เด้ารับไฟฟ้า		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	1,000			
4	SENSOR สุขภัณฑ์ห้องนํ้าชาย	a	1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT		500		
6	SENSOR สุขภัณฑ์ห้องนํ้าหญิง + คนพิการ	a	1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT			500	
8								200			
10	EF-T20/02		3	20	5	4x4 /G-2.5, IEC01	dia. 20mm EMT		200		
12										200	
14	ไฟฟ้าแสงสว่าง บันไดหนีไฟ		1	16	5	2x4 /G-2.5, FRC	dia. 15mm IMC	1,000			
16	ไฟฟ้าแสงสว่าง บันไดหนีไฟ		1	16	5	2x4 /G-2.5, FRC	dia. 15mm IMC		1,000		
18	20IP-DCC (BMS)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT			500	
20	20RPU (SECURITY)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	500			
22	20CCS (CCTV)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT		500		
24	20DKM (METERING)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT			500	
26	SPACE		-	-	-	-	-				
28	SPACE		-	-	-	-	-				
30	SPACE		-	-	-	-	-				
CONNECT TO :		MAIN CB :			MAIN CONDUCTOR :		CONNECTED LOAD		3,340	3,460	3,200
EMDB		3P, 30AT/100AF			4x6/G-4, IEC01		(VA)		10,000		
		Ic ≥ 18 kA at 400VAC. 50Hz.			RACEWAY :		DEMAND FACTOR		0.80		
					20 sqmm Dia. IMC		DEMAND LOAD (VA)		8,000		

NOTE:

a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18
REVISION 0

PANEL NO. : 21ELP1		LOCATION :		EE ROOM 21 FL.							
CAPACITY : 100 A. 30 CIRCUITS, 230/400 VAC. 50 Hz.		MOUNTING :		WALL MOUNTED							
MAIN : CB											
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA			
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C	
1	ไฟฟ้าแสงสว่าง		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	320			
3	ไฟฟ้าแสงสว่าง		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT		560		
5	ไฟฟ้าแสงสว่าง		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT			800	
7	ไฟฟ้าแสงสว่าง		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	120			
9	ไฟฟ้าแสงสว่างฉุกเฉิน		1	16	5	2x2.5 /G-2.5, FRC	dia. 15mm IMC		500		
11	ป้ายทางออกฉุกเฉิน		1	16	5	2x2.5 /G-2.5, FRC	dia. 15mm IMC			500	
13								200			
15	EF-T21/01		3	20	5	4x4 /G-2.5, IEC01	dia. 20mm EMT		200		
17										200	
19	SPACE		-	-	-	-	-				
21	SPACE		-	-	-	-	-				
23	SPACE		-	-	-	-	-				
25	SPACE		-	-	-	-	-				
27	SPACE		-	-	-	-	-				
29	SPACE		-	-	-	-	-				
2	เด้ารับไฟฟ้า		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	1,000			
4	SENSOR สุขภัณฑ์ห้องนชาย	a	1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT		500		
6	SENSOR สุขภัณฑ์ห้องนหญิง + คนพิการ	a	1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT			500	
8								200			
10	EF-T21/02		3	20	5	4x4 /G-2.5, IEC01	dia. 20mm EMT		200		
12										200	
14	21IP-DCC (BMS)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	500			
16	21RPU (SECURITY)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT		500		
18	21CCS (CCTV)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT			500	
20	21DKM (METERING)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	500			
22	SPACE		-	-	-	-	-				
24	SPACE		-	-	-	-	-				
26	SPACE		-	-	-	-	-				
28	SPACE		-	-	-	-	-				
30	SPACE		-	-	-	-	-				
CONNECT TO :		MAIN CB :			MAIN CONDUCTOR :		CONNECTED LOAD		2,840	2,460	2,700
EMDB		3P, 30AT/100AF			4x6/G-4, IEC01		(VA)		8,000		
		Ic ≥ 18 kA at 400VAC. 50Hz.			RACEWAY :		DEMAND FACTOR		0.80		
					20 sqmm Dia. IMC		DEMAND LOAD (VA)		6,400		

NOTE:

a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18
REVISION 0

PANEL NO. : 22ELP1						LOCATION :		EE ROOM 22FL.			
CAPACITY : 100 A. 30 CIRCUITS, 230/400 VAC. 50 Hz.						MOUNTING :		WALL MOUNTED			
MAIN : CB											
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA			
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C	
1	ไฟฟ้าแสงสว่าง		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	320			
3	ไฟฟ้าแสงสว่าง		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT		560		
5	ไฟฟ้าแสงสว่าง		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT			800	
7	ไฟฟ้าแสงสว่าง		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	120			
9	ไฟฟ้าแสงสว่างฉุกเฉิน		1	16	5	2x2.5 /G-2.5, FRC	dia. 15mm IMC		500		
11	ป้ายทางออกฉุกเฉิน		1	16	5	2x2.5 /G-2.5, FRC	dia. 15mm IMC			500	
13								200			
15	EF-T22/01		3	20	5	4x4 /G-2.5, IEC01	dia. 20mm EMT		200		
17										200	
19	SPACE		-	-	-	-	-				
21	SPACE		-	-	-	-	-				
23	SPACE		-	-	-	-	-				
25	SPACE		-	-	-	-	-				
27	SPACE		-	-	-	-	-				
29	SPACE		-	-	-	-	-				
2	เด้ารับไฟฟ้า		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	1,000			
4	SENSOR สวมกั้นที่ห้องนำชาย	a	1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT		500		
6	SENSOR สวมกั้นที่ห้องนำหญิง + คนพิการ	a	1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT			500	
8								200			
10	EF-T22/02		3	20	5	4x4 /G-2.5, IEC01	dia. 20mm EMT		200		
12										200	
14	22IP-DCC (BMS)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	500			
16	22RPU (SECURITY)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT		500		
18	22CCS (CCTV)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT			500	
20	22DKM (METERING)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	500			
22	SPACE		-	-	-	-	-				
24	SPACE		-	-	-	-	-				
26	SPACE		-	-	-	-	-				
28	SPACE		-	-	-	-	-				
30	SPACE		-	-	-	-	-				
CONNECT TO :		MAIN CB :			MAIN CONDUCTOR :		CONNECTED LOAD		2,840	2,460	2,700
EMDB		3P, 30AT/100AF			4x6/G-4, IEC01		(VA)		8,000		
		Ic ≥ 18 kA at 400VAC. 50Hz.			RACEWAY :		DEMAND FACTOR		0.80		
					20 sqmm Dia. IMC		DEMAND LOAD (VA)		6,400		

NOTE:

a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18
REVISION 0

PANEL NO. : 23ELP1		LOCATION :		EE ROOM 23 FL.							
CAPACITY : 100 A. 30 CIRCUITS, 230/400 VAC. 50 Hz.		MOUNTING :		WALL MOUNTED							
MAIN : CB											
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA			
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C	
1	ไฟฟ้าแสงสว่าง		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	320			
3	ไฟฟ้าแสงสว่าง		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT		560		
5	ไฟฟ้าแสงสว่าง		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT			800	
7	ไฟฟ้าแสงสว่าง		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	120			
9	ไฟฟ้าแสงสว่างฉุกเฉิน		1	16	5	2x2.5 /G-2.5, FRC	dia. 15mm IMC		500		
11	ป้ายทางออกฉุกเฉิน		1	16	5	2x2.5 /G-2.5, FRC	dia. 15mm IMC			500	
13								200			
15	EF-T23/01		3	20	5	4x4 /G-2.5, IEC01	dia. 20mm EMT		200		
17										200	
19	SPACE		-	-	-	-	-				
21	SPACE		-	-	-	-	-				
23	SPACE		-	-	-	-	-				
25											
27											
29											
2	เด้ารับไฟฟ้า		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	1,000			
4	SENSOR สุขภัณฑ์ห้องนชาย	a	1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT		500		
6	SENSOR สุขภัณฑ์ห้องนหญิง + คนพิการ	a	1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT			500	
8								200			
10	EF-T23/02		3	20	5	4x4 /G-2.5, IEC01	dia. 20mm EMT		200		
12										200	
14	23IP-DCC (BMS)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	500			
16	23RPU (SECURITY)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT		500		
18	23CCS (CCTV)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT			500	
20	23DKM (METERING)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	500			
22	SPACE		-	-	-	-	-				
24	SPACE		-	-	-	-	-				
26	SPACE		-	-	-	-	-				
28	SPACE		-	-	-	-	-				
30	SPACE		-	-	-	-	-				
CONNECT TO :		MAIN CB :			MAIN CONDUCTOR :		CONNECTED LOAD		2,840	2,460	2,700
EMDB		3P, 30AT/100AF			4x6/G-4, IEC01		(VA)		8,000		
		Ic ≥ 18 kA at 400VAC. 50Hz.			RACEWAY :		DEMAND FACTOR		0.80		
					20 sqmm Dia. IMC		DEMAND LOAD (VA)		6,400		

NOTE:

a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION 0

PANEL NO. : 24ELP1		LOCATION :		EE ROOM 24 FL.						
CAPACITY : 100 A. 24 CIRCUITS, 230/400 VAC. 50 Hz.		MOUNTING :		WALL MOUNTED						
MAIN : CB										
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA		
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C
1	ไฟฟ้าแสงสว่าง		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	840		
3	ไฟฟ้าแสงสว่าง		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT		560	
5	ไฟฟ้าแสงสว่าง		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT			800
7	ไฟฟ้าแสงสว่าง		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	120		
9	ไฟฟ้าแสงสว่างฉุกเฉิน		1	16	5	2x2.5 /G-2.5, FRC	dia. 15mm IMC		500	
11	ป้ายทางออกฉุกเฉิน		1	16	5	2x2.5 /G-2.5, FRC	dia. 15mm IMC			500
13								200		
15	EF-T24/01		3	20	5	4x4 /G-2.5, IEC01	dia. 20mm EMT		200	
17										200
19	SPACE		-	-	-	-	-			
21	SPACE		-	-	-	-	-			
23	SPACE		-	-	-	-	-			
25	SPACE		-	-	-	-	-			
27	SPACE		-	-	-	-	-			
29	SPACE		-	-	-	-	-			
2	เด้ารับไฟฟ้า		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	1,000		
4	SENSOR สวมกั้นที่ห้องนำชาย	a	1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT		500	
6	SENSOR สวมกั้นที่ห้องนำหญิง + คนพิการ	a	1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT			500
8								200		
10	EF-T24/02		3	20	5	4x4 /G-2.5, IEC01	dia. 20mm EMT		200	
12										200
14	24IP-DCC (BMS)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	500		
16	24RPU (SECURITY)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT		500	
18	24CCS (CCTV)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT			500
20	24DKM (METERING)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	500		
22	SPACE		-	-	-	-	-			
24	SPACE		-	-	-	-	-			
26	SPACE		-	-	-	-	-			
28	SPACE		-	-	-	-	-			
30	SPACE		-	-	-	-	-			
CONNECT TO :		MAIN CB :			MAIN CONDUCTOR :		CONNECTED LOAD			
24EDB1		3P, 30AT/100AF			4x6/G-4, IEC01		(VA)			3,360 2,460 2,700
		Ic ≥ 18 kA at 400VAC. 50Hz.			RACEWAY :		DEMAND FACTOR			8,520 0.80
					20 sqmm Dia. IMC		DEMAND LOAD (VA)			6,816

NOTE:

a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION 0

PANEL NO. : 25ELP1		LOCATION :				EE ROOM 25FL.					
CAPACITY : 100 A. 24 CIRCUITS, 230/400 VAC. 50 Hz.		MOUNTING :				WALL MOUNTED					
MAIN : CB											
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA			
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C	
1	ไฟฟ้าแสงสว่าง	a	1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	800			
3	ไฟฟ้าแสงสว่าง	a	1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT		1,120		
5	ไฟฟ้าแสงสว่าง	a	1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT			1,120	
7	ไฟฟ้าแสงสว่าง	a	1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	1,000			
9	Obstacle Light		1	16	5	2x1C-6 /G-4, NYY	dia. 40mm IMC		1,000		
11	ป้ายทางออกฉุกเฉิน		1	16	5	2x2.5 /G-2.5, FRC	dia. 15mm IMC			1,000	
13	ไฟฟ้าแสงสว่างฉุกเฉิน		1	16	5	2x2.5 /G-2.5, FRC	dia. 15mm IMC	1,000			
15	25IP-DCC (BMS)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT		500		
17	25RPU (SECURITY)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT			500	
19	25CCS (CCTV)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	500			
21	25DKM (METERING)		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT		500		
23	SPARE		1	20	5	-	-			1,000	
2	เด้ารับไฟฟ้า		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	1,000			
4	เด้ารับไฟฟ้า		1	20	5	2x2.5 /G-2.5, FRC	dia. 15mm EMT		500		
6	เด้ารับไฟฟ้า		1	20	5	2x2.5 /G-2.5, FRC	dia. 15mm EMT			500	
8	เด้ารับไฟฟ้า		1	20	5	2x2.5 /G-2.5, FRC	dia. 15mm EMT	1,000			
10	ไฟฟ้าแสงสว่าง บันไดหนีไฟ		1	16	5	2x2.5 /G-2.5, FRC	dia. 15mm IMC		500		
12	ไฟฟ้าแสงสว่าง บันไดหนีไฟ		1	16	5	2x2.5 /G-2.5, FRC	dia. 15mm IMC			500	
14	Obstacle Light		1	16	5	2x1C-6 /G-4, NYY	dia. 40mm IMC	1,000			
16	SPARE		1	20	5	-	-		1,000		
18	SPARE		1	20	5	-	-			1,000	
20	SPARE		1	20	5	-	-	1,000			
22	SPARE		1	20	5	-	-		1,000		
24	SPARE		1	20	5	-	-			1,000	
CONNECT TO :		MAIN CB :			MAIN CONDUCTOR :		CONNECTED LOAD		7,300	6,120	6,620
24EDB1		3P, 30AT/100AF			4x6/G-4, IEC01		(VA)		20,040		
		Ic ≥ 18 kA at 400VAC. 50Hz.			RACEWAY :		DEMAND FACTOR		0.80		
					20 sqmm Dia. IMC		DEMAND LOAD (VA)		16,032		

NOTE:

a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

SITE 83 CO.,LTD.

AC

SEP, 2018

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PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION 0

PANEL NO. : 1AC1		LOCATION :				EE ROOM 1 FL.					
CAPACITY : 250 A. 48 CIRCUITS, 230/400 VAC. 50 Hz.		MOUNTING :				WALL MOUNTED					
MAIN : CB											
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA			
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C	
1								1,250			
3	AC-C1/01		3	20	10	4x4 /G-2.5, IEC01	dia. 20mm EMT		1,250		
5										1,250	
7								1,250			
9	AC-C1/02		3	20	10	4x4 /G-2.5, IEC01	dia. 20mm EMT		1,250		
11										1,250	
13								350			
15	AC-C1/03		3	20	10	4x4 /G-2.5, IEC01	dia. 20mm EMT		350		
17										350	
19								350			
21	AC-C1/04		3	20	10	4x4 /G-2.5, IEC01	dia. 20mm EMT		350		
23										350	
25								350			
27	AC-C1/05		3	20	10	4x4 /G-2.5, IEC01	dia. 20mm EMT		350		
29										350	
31								1,250			
33	AC-C1/06		3	20	10	4x4 /G-2.5, IEC01	dia. 20mm EMT		1,250		
35										1,250	
37								1,250			
39	AC-C1/07		3	20	10	4x4 /G-2.5, IEC01	dia. 20mm EMT		1,250		
41										1,250	
43								1,250			
45	AC-C1/08		3	20	10	4x4 /G-2.5, IEC01	dia. 20mm EMT		1,250		
47										1,250	
2								1,250			
4	AC-C1/09		3	20	10	4x4 /G-2.5, IEC01	dia. 20mm EMT		1,250		
6										1,250	
8								350			
10	AC-C1/10		3	20	10	4x4 /G-2.5, IEC01	dia. 20mm EMT		350		
12										350	
14								350			
16	AC-C1/11		3	20	10	4x4 /G-2.5, IEC01	dia. 20mm EMT		350		
18										350	
20								350			
22	AC-C1/12		3	20	10	4x4 /G-2.5, IEC01	dia. 20mm EMT		350		
24										350	
26								1,250			
28	AC-C1/13		3	20	10	4x4 /G-2.5, IEC01	dia. 20mm EMT		1,250		
30										1,250	
32								1,250			
34	AC-C1/14		3	20	10	4x4 /G-2.5, IEC01	dia. 20mm EMT		1,250		
36										1,250	
38								1,250			
40	AC-C1/15		3	20	10	4x4 /G-2.5, IEC01	dia. 20mm EMT		1,250		
42										1,250	
44	AC-L1/01,02		1	20	10	2x4 /G-2.5, IEC-01	dia. 15mm IMC	1,000			
47	AC-W1/01,02		1	20	10	2x4 /G-2.5, IEC-01	dia. 15mm IMC		1,000		
48	AC-T1/01		1	20	10	2x4 /G-2.5, IEC-01	dia. 15mm IMC			440	
CONNECT TO :		MAIN CB :			MAIN CONDUCTOR :		CONNECTED LOAD		14,350	14,350	13,790
1DB1		3P, 100AT/100AF			4x50/G-10, IEC01		(VA)		42,490		
		Ic > 25 kA at 400VAC. 50Hz.			RACEWAY :		DEMAND FACTOR		1.00		
					50 sqmm Dia. IMC		DEMAND LOAD (VA)		42,490		

NOTE:

- a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION 0

PANEL NO. : 2AC1		LOCATION :				EE ROOM 2 FL.				
CAPACITY : 250 A. 48 CIRCUITS, 230/400 VAC. 50 Hz.		MOUNTING :				WALL MOUNTED				
MAIN : CB										
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA		
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C
1								1,250		
3	AC-C2/01		3	20	10	4x4 /G-2.5, IEC01	dia. 20mm EMT		1,250	
5										1,250
7								1,250		
9	AC-C2/02		3	20	10	4x4 /G-2.5, IEC01	dia. 20mm EMT		1,250	
11										1,250
13								350		
15	AC-C2/03		3	20	10	4x4 /G-2.5, IEC01	dia. 20mm EMT		350	
17										350
19								350		
21	AC-C2/04		3	20	10	4x4 /G-2.5, IEC01	dia. 20mm EMT		350	
23										350
25								350		
27	AC-C2/05		3	20	10	4x4 /G-2.5, IEC01	dia. 20mm EMT		350	
29										350
31								1,250		
33	AC-C2/06		3	20	10	4x4 /G-2.5, IEC01	dia. 20mm EMT		1,250	
35										1,250
37								1,250		
39	AC-C2/07		3	20	10	4x4 /G-2.5, IEC01	dia. 20mm EMT		1,250	
41										1,250
43								1,250		
45	AC-C2/08		3	20	10	4x4 /G-2.5, IEC01	dia. 20mm EMT		1,250	
47										1,250
2								1,250		
4	AC-C2/09		3	20	10	4x4 /G-2.5, IEC01	dia. 20mm EMT		1,250	
6										1,250
8								350		
10	AC-C2/10		3	20	10	4x4 /G-2.5, IEC01	dia. 20mm EMT		350	
12										350
14								350		
16	AC-C2/11		3	20	10	4x4 /G-2.5, IEC01	dia. 20mm EMT		350	
18										350
20								350		
22	AC-C2/12		3	20	10	4x4 /G-2.5, IEC01	dia. 20mm EMT		350	
24										350
26								1,250		
28	AC-C2/13		3	20	10	4x4 /G-2.5, IEC01	dia. 20mm EMT		1,250	
30										1,250
32								1,250		
34	AC-C2/14		3	20	10	4x4 /G-2.5, IEC01	dia. 20mm EMT		1,250	
36										1,250
38								500		
40	AC-T2/01		3	20	10	4x4 /G-2.5, IEC01	dia. 20mm EMT		500	
42										500
44	AC-L2/01,02		1	20	10	2x4 /G-2.5, IEC01	dia. 15mm EMT	1,000		
46	SPARE		1	20	5	-	-		1,000	
48	SPARE		1	20	5	-	-			1,000
CONNECT TO :		MAIN CB :			MAIN CONDUCTOR :		CONNECTED LOAD			
2DB1		3P, 100AT/100AF			4x50/G-10, IEC01		(VA)			
		Ic > 25 kA at 400VAC. 50Hz.			RACEWAY :		DEMAND FACTOR			
					50 sqmm Dia. IMC		DEMAND LOAD (VA)			
							13,600			
							13,600			
							13,600			
							40,800			
							1.00			
							40,800			

NOTE:

- a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION 0

PANEL NO. : 3AC1		LOCATION :				EE ROOM 3 FL.				
CAPACITY : 250 A. 48 CIRCUITS, 230/400 VAC. 50 Hz.		MOUNTING :				WALL MOUNTED				
MAIN : CB										
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA		
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C
1								1,250		
3	AC-C3/01		3	20	10	4x4 /G-2.5, IEC01	dia. 20mm EMT		1,250	
5										1,250
7								1,250		
9	AC-C3/02		3	20	10	4x4 /G-2.5, IEC01	dia. 20mm EMT		1,250	
11										1,250
13								350		
15	AC-C3/03		3	20	10	4x4 /G-2.5, IEC01	dia. 20mm EMT		350	
17										350
19								350		
21	AC-C3/04		3	20	10	4x4 /G-2.5, IEC01	dia. 20mm EMT		350	
23										350
25								350		
27	AC-C3/05		3	20	10	4x4 /G-2.5, IEC01	dia. 20mm EMT		350	
29										350
31								1,250		
33	AC-C3/06		3	20	10	4x4 /G-2.5, IEC01	dia. 20mm EMT		1,250	
35										1,250
37								1,250		
39	AC-C3/07		3	20	10	4x4 /G-2.5, IEC01	dia. 20mm EMT		1,250	
41										1,250
43								1,250		
45	AC-C3/08		3	20	10	4x4 /G-2.5, IEC01	dia. 20mm EMT		1,250	
47										1,250
2								1,250		
4	AC-C3/09		3	20	10	4x4 /G-2.5, IEC01	dia. 20mm EMT		1,250	
6										1,250
8								350		
10	AC-C3/10		3	20	10	4x4 /G-2.5, IEC01	dia. 20mm EMT		350	
12										350
14								350		
16	AC-C3/11		3	20	10	4x4 /G-2.5, IEC01	dia. 20mm EMT		350	
18										350
20								350		
22	AC-C3/12		3	20	10	4x4 /G-2.5, IEC01	dia. 20mm EMT		350	
24										350
26								1,250		
28	AC-C3/13		3	20	10	4x4 /G-2.5, IEC01	dia. 20mm EMT		1,250	
30										1,250
32								1,250		
34	AC-C3/14		3	20	10	4x4 /G-2.5, IEC01	dia. 20mm EMT		1,250	
36										1,250
38								500		
40	AC-T3/01		3	20	10	4x4 /G-2.5, IEC01	dia. 20mm EMT		500	
42										500
44	AC-L3/01,02		1	20	10	2x4 /G-2.5, IEC01	dia. 15mm EMT	1,000		
46	SPARE		1	20	5	-	-		1,000	
48	SPARE		1	20	5	-	-			1,000
CONNECT TO :		MAIN CB :			MAIN CONDUCTOR :		CONNECTED LOAD			
3DB1		3P, 100AT/100AF			4x50/G-10, IEC01		(VA)			13,600
		Ic > 25 kA at 400VAC. 50Hz.			RACEWAY :		DEMAND FACTOR			40,800
					50 sqmm Dia. IMC		DEMAND LOAD (VA)			1.00
										40,800

NOTE:

- a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION 0

PANEL NO. : 4AC1						LOCATION :	EE ROOM 4 FL.				
CAPACITY : 100 A. 12 CIRCUITS, 230/400 VAC. 50 Hz.						MOUNTING :	WALL MOUNTED				
MAIN : CB											
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA			
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C	
1	AC-L4/01,02		1	20	10	2x4 /G-2.5, IEC01	dia. 15mm EMT	1,000			
3	AC-L4/03,04		1	20	10	2x4 /G-2.5, IEC01	dia. 15mm EMT		1,000		
5	AC-L4/05,06,07,08		1	20	10	2x4 /G-2.5, IEC01	dia. 15mm EMT			2,000	
7	SPARE		1	20	5	-	-	1,000			
9	SPARE		1	20	5	-	-		1,000		
11	SPARE		1	20	5	-	-			1,000	
2	SPARE		1	20	5	-	-	1,000			
4	SPARE		1	20	5	-	-		1,000		
6	SPARE		1	20	5	-	-			1,000	
8	SPARE		1	20	5	-	-	1,000			
10	SPARE		1	20	5	-	-		1,000		
12	SPARE		1	20	5	-	-			1,000	
CONNECT TO :		MAIN CB :			MAIN CONDUCTOR :		CONNECTED LOAD (VA)		4,000	4,000	5,000
4DB1		3P, 30AT/100AF Ic > 25 kA at 400VAC. 50Hz.			4x6/G-4, IEC01				13,000		
					RACEWAY :		DEMAND FACTOR		1.00		
					20 sqmm Dia. IMC		DEMAND LOAD (VA)		13,000		

NOTE:

- a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION 0

PANEL NO. : 5AC1						LOCATION :	EE ROOM 5 FL.				
CAPACITY : 100 A. 12 CIRCUITS, 230/400 VAC. 50 Hz.						MOUNTING :	WALL MOUNTED				
MAIN : CB											
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA			
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C	
1	AC-L5/01,02		1	20	10	2x4 /G-2.5, IEC01	dia. 15mm EMT	1,000			
3	AC-L5/03,04,05,06		1	20	10	2x4 /G-2.5, IEC01	dia. 15mm EMT		2,000		
5	SPARE		1	20	5	-	-			1,000	
7	SPARE		1	20	5	-	-				
9	SPARE		1	20	5	-	-				
11	SPARE		1	20	5	-	-				
2	SPARE		1	20	5	-	-	1,000			
4	SPARE		1	20	5	-	-		1,000		
6	SPARE		1	20	5	-	-			1,000	
8	SPARE		1	20	5	-	-	1,000			
10	SPARE		1	20	5	-	-		1,000		
12	SPARE		1	20	5	-	-			1,000	
CONNECT TO :		MAIN CB :			MAIN CONDUCTOR :		CONNECTED LOAD (VA)		3,000	4,000	3,000
5DB1		3P, 30AT/100AF Ic > 25 kA at 400VAC. 50Hz.			4x6/G-4, IEC01				10,000		
					RACEWAY :		DEMAND FACTOR		1,00		
					20 sqmm Dia. IMC		DEMAND LOAD (VA)		10,000		

NOTE:

- a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION 0

PANEL NO. : 6AC1						LOCATION :	EE ROOM 6 FL.			
CAPACITY : 100 A. 12 CIRCUITS, 230/400 VAC. 50 Hz.						MOUNTING :	WALL MOUNTED			
MAIN : CB										
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA		
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C
1	AC-L6/01,02		1	20	10	2x4 /G-2.5, IEC01	dia. 15mm EMT	1,000		
3	AC-L6/03,04,05,06		1	20	10	2x4 /G-2.5, IEC01	dia. 15mm EMT		2,000	
5	AC-C6/01A,B		1	20	10	2x4 /G-2.5, IEC01	dia. 15mm EMT			1,000
7	SPARE		1	20	5	-	-	1,000		
9	SPARE		1	20	5	-	-		1,000	
11	SPARE		1	20	5	-	-			1,000
2	SPARE		1	20	5	-	-	1,000		
4	SPARE		1	20	5	-	-		1,000	
6	SPARE		1	20	5	-	-			1,000
8	SPARE		1	20	5	-	-	1,000		
10	SPARE		1	20	5	-	-		1,000	
12	SPARE		1	20	5	-	-			1,000
CONNECT TO :		MAIN CB :		MAIN CONDUCTOR :		CONNECTED LOAD (VA)		4,000	5,000	4,000
6DB1		3P, 30AT/100AF Ic > 25 kA at 400VAC. 50Hz.		4x6/G-4, IEC01				13,000		
				RACEWAY :		DEMAND FACTOR		1,00		
				20 sqmm Dia. IMC		DEMAND LOAD (VA)		13,000		

NOTE:

- a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION 0

PANEL NO. : 7AC1						LOCATION :	EE ROOM 7 FL.				
CAPACITY : 100 A. 12 CIRCUITS, 230/400 VAC. 50 Hz.						MOUNTING :	WALL MOUNTED				
MAIN : CB											
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA			
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C	
1	AC-L7/01,02		1	20	10	2x4 /G-2.5, IEC01	dia. 15mm EMT	1,000			
3	AC-L7/03,04		1	20	10	2x4 /G-2.5, IEC01	dia. 15mm EMT		1,000		
5	AC-L7/05,06,07,08		1	20	10	2x4 /G-2.5, IEC01	dia. 15mm EMT			2,000	
7	AC-C7/01,02,03,04		1	20	10	2x4 /G-2.5, IEC01	dia. 15mm EMT	2,000			
9	AC-C7/05,06,07,08		1	20	10	2x4 /G-2.5, IEC01	dia. 15mm EMT		2,000		
11	AC-C7/09,10,11		1	20	10	2x4 /G-2.5, IEC01	dia. 15mm EMT			1,500	
2	AC-C7/12,13,14		1	20	10	2x4 /G-2.5, IEC01	dia. 15mm EMT	1,500			
4	SPARE		1	20	5	-	-		1,000		
6	SPARE		1	20	5	-	-			1,000	
8	SPARE		1	20	5	-	-	1,000			
10	SPARE		1	20	5	-	-		1,000		
12	SPARE		1	20	5	-	-			1,000	
CONNECT TO :		MAIN CB :			MAIN CONDUCTOR :		CONNECTED LOAD (VA)		5,500	5,000	5,500
7DB1		3P, 50AT/100AF Ic ≥ 25 kA at 400VAC. 50Hz.			4x16/G-6, IEC01				16,000		
					RACEWAY :		DEMAND FACTOR		1.00		
					32 sqmm Dia. IMC		DEMAND LOAD (VA)		16,000		

NOTE:

- a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION 0

PANEL NO. : 8AC1						LOCATION :	EE ROOM 8 FL.				
CAPACITY : 100 A. 18 CIRCUITS, 230/400 VAC. 50 Hz.						MOUNTING :	WALL MOUNTED				
MAIN : CB											
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA			
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C	
1								1,250			
3	AC-C8/01		3	20	10	4x4 /G-2.5, IEC01	dia. 20mm EMT		1,250		
5										1,250	
7								1,250			
9	AC-C8/02		3	20	10	4x4 /G-2.5, IEC01	dia. 20mm EMT		1,250		
11										1,250	
13								1,250			
15	AC-C8/03		3	20	10	4x4 /G-2.5, IEC01	dia. 20mm EMT		1,250		
17										1,250	
2								1,250			
4	AC-C8/04		3	20	10	4x4 /G-2.5, IEC01	dia. 20mm EMT		1,250		
6										1,250	
8								500			
10	AC-T8/01		3	20	10	4x4 /G-2.5, IEC01	dia. 20mm EMT		500		
12										500	
14	AC-L8/01,02		1	20	10	2x4 /G-2.5, IEC01	dia. 15mm EMT	1,500			
16	SPARE		1	20	5	-	-		1,000		
18	SPARE		1	20	5	-	-			1,000	
CONNECT TO :		MAIN CB :			MAIN CONDUCTOR :		CONNECTED LOAD		7,000	6,500	6,500
8DB1		3P, 50AT/100AF			4x16/G-6, IEC01		(VA)		20,000		
		Ic ≥ 25 kA at 400VAC. 50Hz.			RACEWAY :		DEMAND FACTOR		1.00		
					32 sqmm Dia. IMC		DEMAND LOAD (VA)		20,000		

NOTE:

- a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION 0

PANEL NO. : 9AC1						LOCATION :		EE ROOM 9 FL.			
CAPACITY : 100 A. 18 CIRCUITS, 230/400 VAC. 50 Hz.						MOUNTING :		WALL MOUNTED			
MAIN : CB											
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA			
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C	
1								2,000			
3	AC-C9/01		3	20	10	4x4 /G-2.5, IEC01	dia. 20mm EMT		2,000		
5										2,000	
7								2,000			
9	AC-C9/02		3	20	10	4x4 /G-2.5, IEC01	dia. 20mm EMT		2,000		
11										2,000	
13								500			
15	AC-T9/01		3	20	10	4x4 /G-2.5, IEC01	dia. 20mm EMT		500		
17										500	
2								500			
4	AC-T9/02		3	20	10	4x4 /G-2.5, IEC01	dia. 20mm EMT		500		
6										500	
8	AC-L9/01,02		1	20	10	2x4 /G-2.5, IEC01	dia. 15mm EMT	1,500			
10	SPARE		1	20	5	-	-		1,000		
12	SPARE		1	20	5	-	-			1,000	
14	SPARE		1	20	5	-	-	1,000			
16	SPARE		1	20	5	-	-		1,000		
18	SPARE		1	20	5	-	-			1,000	
CONNECT TO :		MAIN CB :			MAIN CONDUCTOR :		CONNECTED LOAD		7,500	7,000	7,000
9DB1		3P, 50AT/100AF Ic > 25 kA at 400VAC. 50Hz.			4x16/G-6, IEC01		(VA)		21,500		
					RACEWAY :		DEMAND FACTOR		1.00		
					32 sqmm Dia. IMC		DEMAND LOAD (VA)		21,500		

NOTE:

- a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION 0

PANEL NO. : 9AAC1		LOCATION :		EE ROOM 9A FL.							
CAPACITY : 100 A. 36 CIRCUITS, 230/400 VAC. 50 Hz.		MOUNTING :		WALL MOUNTED							
MAIN : CB											
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA			
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C	
1								1,250			
3	AC-C9A/01		3	20	10	4x4 /G-2.5, IEC01	dia. 20mm EMT		1,250		
5										1,250	
7								1,250			
9	AC-C9A/02		3	20	10	4x4 /G-2.5, IEC01	dia. 20mm EMT		1,250		
11										1,250	
13								1,250			
15	AC-C9A/03		3	20	10	4x4 /G-2.5, IEC01	dia. 20mm EMT		1,250		
17										1,250	
19								1,250			
21	AC-C9A/04		3	20	10	4x4 /G-2.5, IEC01	dia. 20mm EMT		1,250		
23										1,250	
25								1,250			
27	AC-C9A/05		3	20	10	4x4 /G-2.5, IEC01	dia. 20mm EMT		1,250		
29										1,250	
31								1,250			
33	AC-C9A/06		3	20	10	4x4 /G-2.5, IEC01	dia. 20mm EMT		1,250		
35										1,250	
2								1,250			
4	AC-C9A/07		3	20	10	4x4 /G-2.5, IEC01	dia. 20mm EMT		1,250		
6										1,250	
8								1,250			
10	AC-C9A/08		3	20	10	4x4 /G-2.5, IEC01	dia. 20mm EMT		1,250		
12										1,250	
14								1,250			
16	AC-C9A/09		3	20	10	4x4 /G-2.5, IEC01	dia. 20mm EMT		1,250		
18										1,250	
20								1,250			
22	AC-C9A/10		3	20	10	4x4 /G-2.5, IEC01	dia. 20mm EMT		1,250		
24										1,250	
26								1,250			
28	AC-C9A/11		3	20	10	4x4 /G-2.5, IEC01	dia. 20mm EMT		1,250		
30										1,250	
32								3,500			
34	AC-C9A/22		3	30	10	4x6/G-4, IEC01	dia. 20mm EMT		3,500		
36										3,500	
CONNECT TO :		MAIN CB :			MAIN CONDUCTOR :		CONNECTED LOAD		17,250	17,250	17,250
9ADB1		3P, 100AT/100AF			4x50/G-10, IEC01		(VA)		51,750		
		Ic > 25 kA at 400VAC. 50Hz.			RACEWAY :		DEMAND FACTOR		1.00		
					50 sqmm Dia. IMC		DEMAND LOAD (VA)		51,750		

NOTE:

a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION 0

PANEL NO. : 9AAC2		LOCATION :		EE ROOM 9A FL.							
CAPACITY : 100 A. 36 CIRCUITS, 230/400 VAC. 50 Hz.		MOUNTING :		WALL MOUNTED							
MAIN : CB											
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA			
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C	
1								1,250			
3	AC-C9A/12		3	20	10	4x4 /G-2.5, IEC01	dia. 20mm EMT		1,250		
5										1,250	
7								1,250			
9	AC-C9A/13		3	20	10	4x4 /G-2.5, IEC01	dia. 20mm EMT		1,250		
11										1,250	
13								1,250			
15	AC-C9A/14		3	20	10	4x4 /G-2.5, IEC01	dia. 20mm EMT		1,250		
17										1,250	
19								1,250			
21	AC-C9A/15		3	20	10	4x4 /G-2.5, IEC01	dia. 20mm EMT		1,250		
23										1,250	
25								1,250			
27	AC-C9A/16		3	20	10	4x4 /G-2.5, IEC01	dia. 20mm EMT		1,250		
29										1,250	
31								1,250			
33	AC-C9A/17		3	20	10	4x4 /G-2.5, IEC01	dia. 20mm EMT		1,250		
35										1,250	
2								1,250			
4	AC-C9A/18		3	20	10	4x4 /G-2.5, IEC01	dia. 20mm EMT		1,250		
6										1,250	
8								1,250			
10	AC-C9A/19		3	20	10	4x4 /G-2.5, IEC01	dia. 20mm EMT		1,250		
12										1,250	
14								1,250			
16	AC-C9A/20		3	20	10	4x4 /G-2.5, IEC01	dia. 20mm EMT		1,250		
18										1,250	
20								3,500			
22	AC-C9A/21		3	30	10	4x6/G-4, IEC01	dia. 20mm EMT		3,500		
24										3,500	
26	AC-L9A/01,02		1	20	10	2x4 /G-2.5, IEC01	dia. 15mm EMT	1,500			
28	SPARE		1	20	5				1,000		
30	SPARE		1	20	5	-	-			1,000	
32	SPARE		1	20	5	-	-	1,000			
34	SPARE		1	20	5	-	-		1,000		
36	SPARE		1	20	5	-	-			1,000	
CONNECT TO :		MAIN CB :			MAIN CONDUCTOR :		CONNECTED LOAD		17,250	16,750	16,750
9ADB1		3P, 100AT/100AF			4x50/G-10, IEC01		(VA)		50,750		
		Ic > 25 kA at 400VAC. 50Hz.			RACEWAY :		DEMAND FACTOR		1.00		
					50 sqmm Dia. IMC		DEMAND LOAD (VA)		50,750		

NOTE:

- a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION 0

PANEL NO. : 10AC1						LOCATION :		EE ROOM 10 FL.			
CAPACITY : 100 A. 18 CIRCUITS, 230/400 VAC. 50 Hz.						MOUNTING :		WALL MOUNTED			
MAIN : CB											
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA			
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C	
1								1,250			
3	AC-C10/01		3	20	10	4x4 /G-2.5, IEC01	dia. 20mm EMT		1,250		
5										1,250	
7								1,250			
9	AC-C10/02		3	20	10	4x4 /G-2.5, IEC01	dia. 20mm EMT		1,250		
11										1,250	
13								1,250			
15	AC-C10/03		3	20	10	4x4 /G-2.5, IEC01	dia. 20mm EMT		1,250		
17										1,250	
2								1,250			
4	AC-C10/04		3	20	10	4x4 /G-2.5, IEC01	dia. 20mm EMT		1,250		
6										1,250	
8								500			
10	AC-T10/01		3	20	10	4x4 /G-2.5, IEC01	dia. 20mm EMT		500		
12										500	
14	AC-L10/01,02		1	20	10	2x4 /G-2.5, IEC01	dia. 15mm EMT	1,000			
16	SPARE		1	20	5	-	-		1,000		
18	SPARE		1	20	5	-	-			1,000	
CONNECT TO :		MAIN CB :			MAIN CONDUCTOR :		CONNECTED LOAD		6,500	6,500	6,500
10DB1		3P, 50AT/100AF			4x16/G-6, IEC01		(VA)		19,500		
		Ic ≥ 25 kA at 400VAC. 50Hz.			RACEWAY :		DEMAND FACTOR		1.00		
					32 sqmm Dia. IMC		DEMAND LOAD (VA)		19,500		

NOTE:

- a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION 0

PANEL NO. : 11AC1						LOCATION :	EE ROOM 11 FL.				
CAPACITY : 100 A. 12 CIRCUITS, 230/400 VAC. 50 Hz.						MOUNTING :	WALL MOUNTED				
MAIN : CB											
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA			
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C	
1								1,250			
3	AC-C11/01		3	20	10	4x4 /G-2.5, IEC01	dia. 20mm EMT		1,250		
5										1,250	
7								1,250			
9	AC-C11/02		3	20	10	4x4 /G-2.5, IEC01	dia. 20mm EMT		1,250		
11										1,250	
2								500			
4	AC-T11/01		3	20	10	4x4 /G-2.5, IEC01	dia. 20mm EMT		500		
6										500	
8	AC-L11/01,02		1	20	10	2x4 /G-2.5, IEC01	dia. 15mm EMT	1,000			
10	SPARE		1	20	5	-	-		1,000		
12	SPARE		1	20	5	-	-			1,000	
CONNECT TO :		MAIN CB :			MAIN CONDUCTOR :		CONNECTED LOAD (VA)		4,000	4,000	4,000
11DB1		3P, 30AT/100AF			4x6G-4, IEC01				12,000		
		Ic ≥ 25 kA at 400VAC. 50Hz.			RACEWAY :		DEMAND FACTOR		1.00		
					20 sqmm Dia. IMC		DEMAND LOAD (VA)		12,000		

NOTE:

- a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION 0

PANEL NO. : 12AC1					LOCATION :	EE ROOM 12 FL.					
CAPACITY : 100 A. 12 CIRCUITS, 230/400 VAC. 50 Hz.					MOUNTING :	WALL MOUNTED					
MAIN : CB											
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA			
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C	
1								1,250			
3	AC-C12/01		3	20	10	4x4 /G-2.5, IEC01	dia. 20mm EMT		1,250		
5										1,250	
7								1,250			
9	AC-C12/02		3	20	10	4x4 /G-2.5, IEC01	dia. 20mm EMT		1,250		
11										1,250	
2								500			
4	AC-T12/01		3	20	10	4x4 /G-2.5, IEC01	dia. 20mm EMT		500		
6										500	
8	AC-L12/01,02		1	20	10	2x4 /G-2.5, IEC01	dia. 15mm EMT	1,000			
10	SPARE		1	20	5	-	-		1,000		
12	SPARE		1	20	5	-	-			1,000	
CONNECT TO :		MAIN CB :			MAIN CONDUCTOR :		CONNECTED LOAD (VA)		4,000	4,000	4,000
12DB1		3P, 30AT/100AF			4x6G-4, IEC01				12,000		
		Ic ≥ 25 kA at 400VAC. 50Hz.			RACEWAY :		DEMAND FACTOR		1.00		
					20 sqmm Dia. IMC		DEMAND LOAD (VA)		12,000		

NOTE:

- a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION 0

PANEL NO. : 13AC1						LOCATION :	EE ROOM 13 FL.				
CAPACITY : 100 A. 18 CIRCUITS, 230/400 VAC. 50 Hz.						MOUNTING :	WALL MOUNTED				
MAIN : CB											
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA			
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C	
1								1,250			
3	AC-C13/01		3	20	10	4x4 /G-2.5, IEC01	dia. 20mm EMT		1,250		
5										1,250	
7								1,250			
9	AC-C13/02		3	20	10	4x4 /G-2.5, IEC01	dia. 20mm EMT		1,250		
11										1,250	
2								500			
4	AC-T13/01		3	20	10	4x4 /G-2.5, IEC01	dia. 20mm EMT		500		
6										500	
8	AC-L13/01,02		1	20	10	2x4 /G-2.5, IEC01	dia. 15mm EMT	1,000			
10	SPARE		1	20	5	-	-		1,000		
12	SPARE		1	20	5	-	-			1,000	
CONNECT TO :		MAIN CB :			MAIN CONDUCTOR :		CONNECTED LOAD (VA)		4,000	4,000	4,000
13DB1		3P, 30AT/100AF			4x6G-4, IEC01				12,000		
		Ic > 25 kA at 400VAC. 50Hz.			RACEWAY :		DEMAND FACTOR		1.00		
					20 sqmm Dia. IMC		DEMAND LOAD (VA)		12,000		

NOTE:

- a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION 0

PANEL NO. : 14AC1						LOCATION :	EE ROOM 14 FL.				
CAPACITY : 100 A. 12 CIRCUITS, 230/400 VAC. 50 Hz.						MOUNTING :	WALL MOUNTED				
MAIN : CB											
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA			
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C	
1								1,250			
3	AC-C14/01		3	20	10	4x4 /G-2.5, IEC01	dia. 20mm EMT		1,250		
5										1,250	
7								1,250			
9	AC-C14/02		3	20	10	4x4 /G-2.5, IEC01	dia. 20mm EMT		1,250		
11										1,250	
2								500			
4	AC-T14/01		3	20	10	4x4 /G-2.5, IEC01	dia. 20mm EMT		500		
6										500	
8	AC-L14/01,02		1	20	10	2x4 /G-2.5, IEC01	dia. 15mm EMT	1,000			
10	SPARE		1	20	5	-	-		1,000		
12	SPARE		1	20	5	-	-			1,000	
CONNECT TO :		MAIN CB :			MAIN CONDUCTOR :		CONNECTED LOAD (VA)		4,000	4,000	4,000
14DB1		3P, 30AT/100AF			4x6G-4, IEC01				12,000		
		Ic > 25 kA at 400VAC. 50Hz.			RACEWAY :		DEMAND FACTOR		1.00		
					20 sqmm Dia. IMC		DEMAND LOAD (VA)		12,000		

NOTE:

- a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION 0

PANEL NO. : 15AC1						LOCATION :	EE ROOM 15 FL.				
CAPACITY : 100 A. 12 CIRCUITS, 230/400 VAC. 50 Hz.						MOUNTING :	WALL MOUNTED				
MAIN : CB											
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA			
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C	
1	AC-C15/01		1	20	10	2x4 /G-2.5, IEC01	dia. 15mm EMT	500			
3	AC-C15/02		1	20	10	2x4 /G-2.5, IEC01	dia. 15mm EMT		500		
5	AC-L15/01,02		1	20	10	2x4 /G-2.5, IEC01	dia. 15mm EMT			1,000	
7	SPARE		1	20	5	-	-	1,000			
9	SPARE		1	20	5	-	-		1,000		
11	SPARE		1	20	5	-	-			1,000	
2								500			
4	AC-T15/01		3	20	10	4x4 /G-2.5, IEC01	dia. 20mm EMT		500		
6										500	
8	SPARE		1	20	5	-	-	1,000			
10	SPARE		1	20	5	-	-		1,000		
12	SPARE		1	20	5	-	-			1,000	
CONNECT TO :		MAIN CB :			MAIN CONDUCTOR :		CONNECTED LOAD (VA)		3,000	3,000	3,500
15DB1		3P, 30AT/100AF Ic > 25 kA at 400VAC. 50Hz.			4x6G-4, IEC01				9,500		
					RACEWAY :		DEMAND FACTOR		1.00		
					20 sqmm Dia. IMC		DEMAND LOAD (VA)		9,500		

NOTE:

- a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION 0

PANEL NO. : 16AC1						LOCATION :	EE ROOM 16 FL.				
CAPACITY : 100 A. 12 CIRCUITS, 230/400 VAC. 50 Hz.						MOUNTING :	WALL MOUNTED				
MAIN : CB											
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA			
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C	
1	AC-C16/01		1	20	10	2x4 /G-2.5, IEC01	dia. 15mm EMT	500			
3	AC-C16/02		1	20	10	2x4 /G-2.5, IEC01	dia. 15mm EMT		500		
5	AC-L16/01,02		1	20	10	2x4 /G-2.5, IEC01	dia. 15mm EMT			1,000	
7	SPARE		1	20	5	-	-	1,000			
9	SPARE		1	20	5	-	-		1,000		
11	SPARE		1	20	5	-	-			1,000	
2								500			
4	AC-T16/01		3	20	10	4x4 /G-2.5, IEC01	dia. 20mm EMT		500		
6										500	
8	SPARE		1	20	5	-	-	1,000			
10	SPARE		1	20	5	-	-		1,000		
12	SPARE		1	20	5	-	-			1,000	
CONNECT TO :		MAIN CB :			MAIN CONDUCTOR :		CONNECTED LOAD (VA)		3,000	3,000	3,500
16DB1		3P, 30AT/100AF Ic > 25 kA at 400VAC. 50Hz.			4x6G-4, IEC01				9,500		
					RACEWAY :		DEMAND FACTOR		1.00		
					20 sqmm Dia. IMC		DEMAND LOAD (VA)		9,500		

NOTE:

- a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION 0

PANEL NO. : 17AC1						LOCATION :	EE ROOM 17 FL.				
CAPACITY : 100 A. 12 CIRCUITS, 230/400 VAC. 50 Hz.						MOUNTING :	WALL MOUNTED				
MAIN : CB											
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA			
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C	
1	AC-C17/01		1	20	10	2x4 /G-2.5, IEC01	dia. 15mm EMT	500			
3	AC-C17/02		1	20	10	2x4 /G-2.5, IEC01	dia. 15mm EMT		500		
5	AC-L17/01,02		1	20	10	2x4 /G-2.5, IEC01	dia. 15mm EMT			1,000	
7	SPARE		1	20	5	-	-	1,000			
9	SPARE		1	20	5	-	-		1,000		
11	SPARE		1	20	5	-	-			1,000	
2								500			
4	AC-T17/01		3	20	10	4x4 /G-2.5, IEC01	dia. 20mm EMT		500		
6										500	
8	SPARE		1	20	5	-	-	1,000			
10	SPARE		1	20	5	-	-		1,000		
12	SPARE		1	20	5	-	-			1,000	
CONNECT TO :		MAIN CB :			MAIN CONDUCTOR :		CONNECTED LOAD (VA)		3,000	3,000	3,500
17DB1		3P, 30AT/100AF Ic > 25 kA at 400VAC. 50Hz.			4x6G-4, IEC01				9,500		
					RACEWAY :		DEMAND FACTOR		1.00		
					20 sqmm Dia. IMC		DEMAND LOAD (VA)		9,500		

NOTE:

- a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION 0

PANEL NO. : 18AC1						LOCATION :	EE ROOM 15 FL.				
CAPACITY : 100 A. 12 CIRCUITS, 230/400 VAC. 50 Hz.						MOUNTING :	WALL MOUNTED				
MAIN : CB											
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA			
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C	
1	AC-C18/01		1	20	10	2x4 /G-2.5, IEC01	dia. 15mm EMT	500			
3	AC-C18/02		1	20	10	2x4 /G-2.5, IEC01	dia. 15mm EMT		500		
5	AC-L18/01,02		1	20	10	2x4 /G-2.5, IEC01	dia. 15mm EMT			1,000	
7	SPARE		1	20	5	-	-	1,000			
9	SPARE		1	20	5	-	-		1,000		
11	SPARE		1	20	5	-	-			1,000	
2								500			
4	AC-T18/01		3	20	10	4x4 /G-2.5, IEC01	dia. 20mm EMT		500		
6										500	
8	SPARE		1	20	5	-	-	1,000			
10	SPARE		1	20	5	-	-		1,000		
12	SPARE		1	20	5	-	-			1,000	
CONNECT TO :		MAIN CB :			MAIN CONDUCTOR :		CONNECTED LOAD (VA)		3,000	3,000	3,500
18DB1		3P, 30AT/100AF Ic > 25 kA at 400VAC. 50Hz.			4x6G-4, IEC01				9,500		
					RACEWAY :		DEMAND FACTOR		1.00		
					20 sqmm Dia. IMC		DEMAND LOAD (VA)		9,500		

NOTE:

- a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION 0

PANEL NO. : 19AC1						LOCATION :	EE ROOM 15 FL.			
CAPACITY : 100 A. 12 CIRCUITS, 230/400 VAC. 50 Hz.						MOUNTING :	WALL MOUNTED			
MAIN : CB										
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA		
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C
1	AC-C19/01		1	20	10	2x4 /G-2.5, IEC01	dia. 15mm EMT	500		
3	AC-C19/02		1	20	10	2x4 /G-2.5, IEC01	dia. 15mm EMT		500	
5	AC-L19/01,02		1	20	10	2x4 /G-2.5, IEC01	dia. 15mm EMT			1,000
7	SPARE		1	20	5	-	-	1,000		
9	SPARE		1	20	5	-	-		1,000	
11	SPARE		1	20	5	-	-			1,000
2								500		
4	AC-T19/01		3	20	10	4x4 /G-2.5, IEC01	dia. 20mm EMT		500	
6										500
8	SPARE		1	20	5	-	-	1,000		
10	SPARE		1	20	5	-	-		1,000	
12	SPARE		1	20	5	-	-			1,000
CONNECT TO :		MAIN CB :		MAIN CONDUCTOR :		CONNECTED LOAD (VA)		3,000	3,000	3,500
19DB1		3P, 30AT/100AF Ic > 25 kA at 400VAC. 50Hz.		4x6G-4, IEC01				9,500		
				RACEWAY :		DEMAND FACTOR		1.00		
				20 sqmm Dia. IMC		DEMAND LOAD (VA)		9,500		

NOTE:

- a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION 0

PANEL NO. : 20AC1						LOCATION :	EE ROOM 15 FL.			
CAPACITY : 100 A. 12 CIRCUITS, 230/400 VAC. 50 Hz.						MOUNTING :	WALL MOUNTED			
MAIN : CB										
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA		
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C
1	AC-C20/01		1	20	10	2x4 /G-2.5, IEC01	dia. 15mm EMT	500		
3	AC-C20/02		1	20	10	2x4 /G-2.5, IEC01	dia. 15mm EMT		500	
5	AC-L20/01,02		1	20	10	2x4 /G-2.5, IEC01	dia. 15mm EMT			1,000
7	SPARE		1	20	5	-	-	1,000		
9	SPARE		1	20	5	-	-		1,000	
11	SPARE		1	20	5	-	-			1,000
2								500		
4	AC-T20/01		3	20	10	4x4 /G-2.5, IEC01	dia. 20mm EMT		500	
6										500
8	SPARE		1	20	5	-	-	1,000		
10	SPARE		1	20	5	-	-		1,000	
12	SPARE		1	20	5	-	-			1,000
CONNECT TO :		MAIN CB :		MAIN CONDUCTOR :		CONNECTED LOAD (VA)		3,000	3,000	3,500
20DB1		3P, 30AT/100AF Ic > 25 kA at 400VAC. 50Hz.		4x6G-4, IEC01				9,500		
				RACEWAY :		DEMAND FACTOR		1.00		
				20 sqmm Dia. IMC		DEMAND LOAD (VA)		9,500		

NOTE:

- a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION 0

PANEL NO. : 21AC1						LOCATION :	EE ROOM 15 FL.			
CAPACITY : 100 A. 12 CIRCUITS, 230/400 VAC. 50 Hz.						MOUNTING :	WALL MOUNTED			
MAIN : CB										
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA		
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C
1	AC-C21/01		1	20	10	2x4 /G-2.5, IEC01	dia. 15mm EMT	500		
3	AC-C21/02		1	20	10	2x4 /G-2.5, IEC01	dia. 15mm EMT		500	
5	AC-L21/01,02		1	20	10	2x4 /G-2.5, IEC01	dia. 15mm EMT			1,000
7	SPARE		1	20	5	-	-	1,000		
9	SPARE		1	20	5	-	-		1,000	
11	SPARE		1	20	5	-	-			1,000
2								500		
4	AC-T21/01		3	20	10	4x4 /G-2.5, IEC01	dia. 20mm EMT		500	
6										500
8	SPARE		1	20	5	-	-	1,000		
10	SPARE		1	20	5	-	-		1,000	
12	SPARE		1	20	5	-	-			1,000
CONNECT TO :		MAIN CB :		MAIN CONDUCTOR :		CONNECTED LOAD (VA)		3,000	3,000	3,500
21DB1		3P, 30AT/100AF		4x6G-4, IEC01				9,500		
		Ic > 25 kA at 400VAC. 50Hz.		RACEWAY :		DEMAND FACTOR		1.00		
				20 sqmm Dia. IMC		DEMAND LOAD (VA)		9,500		

NOTE:

- a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION 0

PANEL NO. : 22AC1						LOCATION :	EE ROOM 15 FL.			
CAPACITY : 100 A. 12 CIRCUITS, 230/400 VAC. 50 Hz.						MOUNTING :	WALL MOUNTED			
MAIN : CB										
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA		
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C
1	AC-C22/01		1	20	10	2x4 /G-2.5, IEC01	dia. 15mm EMT	500		
3	AC-C22/02		1	20	10	2x4 /G-2.5, IEC01	dia. 15mm EMT		500	
5	AC-L22/01,02		1	20	10	2x4 /G-2.5, IEC01	dia. 15mm EMT			1,000
7	SPARE		1	20	5	-	-	1,000		
9	SPARE		1	20	5	-	-		1,000	
11	SPARE		1	20	5	-	-			1,000
2								500		
4	AC-T22/01		3	20	10	4x4 /G-2.5, IEC01	dia. 20mm EMT		500	
6										500
8	SPARE		1	20	5	-	-	1,000		
10	SPARE		1	20	5	-	-		1,000	
12	SPARE		1	20	5	-	-			1,000
CONNECT TO :		MAIN CB :		MAIN CONDUCTOR :		CONNECTED LOAD (VA)		3,000	3,000	3,500
22DB1		3P, 30AT/100AF		4x6G-4, IEC01				9,500		
		Ic > 25 kA at 400VAC. 50Hz.		RACEWAY :		DEMAND FACTOR		1.00		
				20 sqmm Dia. IMC		DEMAND LOAD (VA)		9,500		

NOTE:

- a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION 0

PANEL NO. : 23AC1						LOCATION :	EE ROOM 15 FL.			
CAPACITY : 100 A. 12 CIRCUITS, 230/400 VAC. 50 Hz.						MOUNTING :	WALL MOUNTED			
MAIN : CB										
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA		
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C
1	AC-C23/01		1	20	10	2x4 /G-2.5, IEC01	dia. 15mm EMT	500		
3	AC-C23/02		1	20	10	2x4 /G-2.5, IEC01	dia. 15mm EMT		500	
5	AC-L23/01,02		1	20	10	2x4 /G-2.5, IEC01	dia. 15mm EMT			1,000
7	SPARE		1	20	5	-	-	1,000		
9	SPARE		1	20	5	-	-		1,000	
11	SPARE		1	20	5	-	-			1,000
2								500		
4	AC-T23/01		3	20	10	4x4 /G-2.5, IEC01	dia. 20mm EMT		500	
6										500
8	SPARE		1	20	5	-	-	1,000		
10	SPARE		1	20	5	-	-		1,000	
12	SPARE		1	20	5	-	-			1,000
CONNECT TO :		MAIN CB :		MAIN CONDUCTOR :		CONNECTED LOAD (VA)		3,000	3,000	3,500
23DB1		3P, 30AT/100AF Ic > 25 kA at 400VAC. 50Hz.		4x6G-4, IEC01				9,500		
				RACEWAY :		DEMAND FACTOR		1.00		
				20 sqmm Dia. IMC		DEMAND LOAD (VA)		9,500		

NOTE:

- a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION 0

PANEL NO. : 24AC1						LOCATION :	EE ROOM 15 FL.				
CAPACITY : 100 A. 12 CIRCUITS, 230/400 VAC. 50 Hz.						MOUNTING :	WALL MOUNTED				
MAIN : CB											
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA			
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C	
1	AC-C24/01		1	20	10	2x4 /G-2.5, IEC01	dia. 15mm EMT	500			
3	AC-C24/02		1	20	10	2x4 /G-2.5, IEC01	dia. 15mm EMT		500		
5	AC-L24/01,02		1	20	10	2x4 /G-2.5, IEC01	dia. 15mm EMT			1,000	
7	SPARE		1	20	5	-	-	1,000			
9	SPARE		1	20	5	-	-		1,000		
11	SPARE		1	20	5	-	-			1,000	
2								500			
4	AC-T24/01		3	20	10	4x4 /G-2.5, IEC01	dia. 20mm EMT		500		
6										500	
8	SPARE		1	20	5	-	-	1,000			
10	SPARE		1	20	5	-	-		1,000		
12	SPARE		1	20	5	-	-			1,000	
CONNECT TO :		MAIN CB :			MAIN CONDUCTOR :		CONNECTED LOAD (VA)		3,000	3,000	3,500
24DB1		3P, 30AT/100AF Ic > 25 kA at 400VAC. 50Hz.			4x6G-4, IEC01				9,500		
					RACEWAY :		DEMAND FACTOR		1.00		
					20 sqmm Dia. IMC		DEMAND LOAD (VA)		9,500		

NOTE:

- a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

SITE 83 CO.,LTD.

PP

SEP, 2018



PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION 0

PANEL NO. : 1PP1						LOCATION :	EE ROOM 1 FL.			
CAPACITY : 250 A. 42 CIRCUITS, 230/400 VAC. 50 Hz.						MOUNTING :	WALL MOUNTED			
MAIN : CB										
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA		
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C
1								3,500		
3	KIOSK		3	20	10	4x10 /G-6, IEC01	dia. 25mm EMT		3,500	
5										3,500
7								3,500		
9	KIOSK		3	20	10	4x10 /G-6, IEC01	dia. 25mm EMT		3,500	
11										3,500
13								3,500		
15	KIOSK		3	20	10	4x10 /G-6, IEC01	dia. 25mm EMT		3,500	
17										3,500
19								3,500		
21	KIOSK		3	20	10	4x10 /G-6, IEC01	dia. 25mm EMT		3,500	
23										3,500
25								3,500		
27	KIOSK		3	20	10	4x10 /G-6, IEC01	dia. 25mm EMT		3,500	
29										3,500
31								3,500		
33	KIOSK		3	20	10	4x10 /G-6, IEC01	dia. 25mm EMT		3,500	
35										3,500
37	SPARE		1	20	5	-	-	1,000		
39	SPARE		1	20	5	-	-		1,000	
41	SPARE		1	20	5	-	-			1,000
2								3,500		
4	KIOSK		3	20	10	4x10 /G-6, IEC01	dia. 25mm EMT		3,500	
6										3,500
8								3,500		
10	KIOSK		3	20	10	4x10 /G-6, IEC01	dia. 25mm EMT		3,500	
12										3,500
14								3,500		
16	KIOSK		3	20	10	4x10 /G-6, IEC01	dia. 25mm EMT		3,500	
18										3,500
20								3,500		
22	KIOSK		3	20	10	4x10 /G-6, IEC01	dia. 25mm EMT		3,500	
24										3,500
26								3,500		
28	KIOSK		3	20	10	4x10 /G-6, IEC01	dia. 25mm EMT		3,500	
30										3,500
32								3,500		
34	KIOSK		3	20	10	4x10 /G-6, IEC01	dia. 25mm EMT		3,500	
36										3,500
38	SPARE		1	20	5	-	-	1,000		
40	SPARE		1	20	5	-	-		1,000	
42	SPARE		1	20	5	-	-			1,000
CONNECT TO :		MAIN CB :		MAIN CONDUCTOR :		CONNECTED LOAD :		44,000	44,000	44,000
1DB1		3P, 200AT/250AF		4x120/G-16, IEC01		(VA)		132,000		
		Ic > 25 kA at 400VAC. 50Hz.		RACEWAY :		DEMAND FACTOR		0.80		
				65 sqmm Dia. IMC		DEMAND LOAD (VA)		105,600		

NOTE:

- a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION 0

PANEL NO. : 2PP1						LOCATION :		EE ROOM 2 FL.			
CAPACITY : 250 A. 42 CIRCUITS, 230/400 VAC. 50 Hz.						MOUNTING :		WALL MOUNTED			
MAIN : CB											
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA			
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C	
1								3,500			
3	KIOSK		3	20	10	4x10 /G-6, IEC01	dia. 25mm EMT		3,500		
5										3,500	
7								3,500			
9	KIOSK		3	20	10	4x10 /G-6, IEC01	dia. 25mm EMT		3,500		
11										3,500	
13								3,500			
15	KIOSK		3	20	10	4x10 /G-6, IEC01	dia. 25mm EMT		3,500		
17										3,500	
19								3,500			
21	KIOSK		3	20	10	4x10 /G-6, IEC01	dia. 25mm EMT		3,500		
23										3,500	
25								3,500			
27	KIOSK		3	20	10	4x10 /G-6, IEC01	dia. 25mm EMT		3,500		
29										3,500	
31								3,500			
33	KIOSK		3	20	10	4x10 /G-6, IEC01	dia. 25mm EMT		3,500		
35										3,500	
37								6,700			
39	ESCALATOR 1-2		3	50	10	4x16 /G-6, IEC01	dia. 32mm EMT		6,700		
41										6,700	
2								3,500			
4	KIOSK		3	20	10	4x10 /G-6, IEC01	dia. 25mm EMT		3,500		
6										3,500	
8								3,500			
10	KIOSK		3	20	10	4x10 /G-6, IEC01	dia. 25mm EMT		3,500		
12										3,500	
14								3,500			
16	KIOSK		3	20	10	4x10 /G-6, IEC01	dia. 25mm EMT		3,500		
18										3,500	
20								3,500			
22	KIOSK		3	20	10	4x10 /G-6, IEC01	dia. 25mm EMT		3,500		
24										3,500	
26								3,500			
28	KIOSK		3	20	10	4x10 /G-6, IEC01	dia. 25mm EMT		3,500		
30										3,500	
32								3,500			
34	KIOSK		3	20	10	4x10 /G-6, IEC01	dia. 25mm EMT		3,500		
36										3,500	
38								6,700			
40	ESCALATOR 1-2		3	50	10	4x16 /G-6, IEC01	dia. 32mm EMT		6,700		
42										6,700	
CONNECT TO :		MAIN CB :		MAIN CONDUCTOR :		CONNECTED LOAD :		55,400	55,400	55,400	
2DB1		3P, 250AT/250AF		4x185/G-25, IEC01		(VA)		166,200			
		Ic > 25 kA at 400VAC. 50Hz.		RACEWAY :		DEMAND FACTOR		0.75			
				80 sqmm Dia. IMC		DEMAND LOAD (VA)		124,650			

NOTE:

- a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION 0

PANEL NO. : 3PP1		LOCATION : EE ROOM 3 FL.								
CAPACITY : 250 A. 48 CIRCUITS, 230/400 VAC. 50 Hz.		MOUNTING : WALL MOUNTED								
MAIN : CB										
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA		
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C
1								3,500		
3	KIOSK		3	20	10	4x10 /G-6, IEC01	dia. 25mm EMT		3,500	
5										3,500
7								3,500		
9	KIOSK		3	20	10	4x10 /G-6, IEC01	dia. 25mm EMT		3,500	
11										3,500
13								3,500		
15	KIOSK		3	20	10	4x10 /G-6, IEC01	dia. 25mm EMT		3,500	
17										3,500
19								3,500		
21	KIOSK		3	20	10	4x10 /G-6, IEC01	dia. 25mm EMT		3,500	
23										3,500
25								3,500		
27	KIOSK		3	20	10	4x10 /G-6, IEC01	dia. 25mm EMT		3,500	
29										3,500
31								3,500		
33	KIOSK		3	20	10	4x10 /G-6, IEC01	dia. 25mm EMT		3,500	
35										3,500
37								3,500		
39	KIOSK		3	20	10	4x10 /G-6, IEC01	dia. 25mm EMT		3,500	
41										3,500
43								6,700		
45	ESCALATOR 2-3		3	50	10	4x16 /G-6, IEC01	dia. 32mm EMT		6,700	
47										6,700
2								3,500		
4	KIOSK		3	20	10	4x10 /G-6, IEC01	dia. 25mm EMT		3,500	
6										3,500
8								3,500		
10	KIOSK		3	20	10	4x10 /G-6, IEC01	dia. 25mm EMT		3,500	
12										3,500
14								3,500		
16	KIOSK		3	20	10	4x10 /G-6, IEC01	dia. 25mm EMT		3,500	
18										3,500
20								3,500		
22	KIOSK		3	20	10	4x10 /G-6, IEC01	dia. 25mm EMT		3,500	
24										3,500
26								3,500		
28	KIOSK		3	20	10	4x10 /G-6, IEC01	dia. 25mm EMT		3,500	
30										3,500
32								3,500		
34	KIOSK		3	20	5	4x10 /G-6, IEC01	dia. 25mm EMT		3,500	
36										3,500
38								6,700		
40	ESCALATOR 2-3		3	50	10	4x16 /G-6, IEC01	dia. 32mm EMT		6,700	
42										6,700
44	SPACE		-	-	-	-	-	-	-	-
46	SPACE		-	-	-	-	-	-	-	-
48	SPACE		-	-	-	-	-	-	-	-
CONNECT TO :		MAIN CB :			MAIN CONDUCTOR :		CONNECTED LOAD	58,900	58,900	58,900
3DB1		3P, 300AT/400AF			4x240/G-25, IEC01		(VA)	176,700		
		Ic > 25 kA at 400VAC. 50Hz.			RACEWAY :		DEMAND FACTOR	0.75		
					90 sqmm Dia. IMC		DEMAND LOAD (VA)	132,525		

NOTE:

a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION 0

PANEL NO. : 4PP1						LOCATION :	EE ROOM 4 FL.			
CAPACITY : 100 A. 12 CIRCUITS, 230/400 VAC. 50 Hz.						MOUNTING :	WALL MOUNTED			
MAIN : CB										
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA		
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C
1								6,700		
3	ESCALATOR 3-4		3	50	10	4x16 /G-6, IEC01	dia. 32mm EMT		6,700	
5										6,700
7								6,700		
9	ESCALATOR 3-4		3	50	10	4x16 /G-6, IEC01	dia. 32mm EMT		6,700	
11										6,700
2	SPARE		1	20	5	-	-	1,000		
4	SPARE		1	20	5	-	-		1,000	
6	SPARE		1	20	5	-	-			1,000
8	SPARE		1	20	5	-	-	1,000		
10	SPARE		1	20	5	-	-		1,000	
12	SPARE		1	20	5	-	-			1,000
CONNECT TO :		MAIN CB :			MAIN CONDUCTOR :		CONNECTED LOAD	15,400	15,400	15,400
4DB1		3P, 100AT/100AF			4x50/G-10, IEC01		(VA)	46,200		
		Ic > 25 kA at 400VAC. 50Hz.			RACEWAY :		DEMAND FACTOR	0.80		
					50 sqmm Dia. IMC		DEMAND LOAD (VA)	36,960		

NOTE:

- a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION 0

PANEL NO. : 5PP1						LOCATION :	EE ROOM 5 FL.			
CAPACITY : 100 A. 12 CIRCUITS, 230/400 VAC. 50 Hz.						MOUNTING :	WALL MOUNTED			
MAIN : CB										
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA		
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C
1								6,700		
3	ESCALATOR 4-5		3	50	10	4x16 /G-6, IEC01	dia. 32mm EMT		6,700	
5										6,700
7								6,700		
9	ESCALATOR 4-5		3	50	10	4x16 /G-6, IEC01	dia. 32mm EMT		6,700	
11										6,700
2	SPARE		1	20	5	-	-	1,000		
4	SPARE		1	20	5	-	-		1,000	
6	SPARE		1	20	5	-	-			1,000
8	SPARE		1	20	5	-	-	1,000		
10	SPARE		1	20	5	-	-		1,000	
12	SPARE		1	20	5	-	-			1,000
CONNECT TO :		MAIN CB :			MAIN CONDUCTOR :		CONNECTED LOAD	15,400	15,400	15,400
5DB1		3P, 100AT/100AF			4x50/G-10, IEC01		(VA)	46,200		
		Ic > 25 kA at 400VAC. 50Hz.			RACEWAY :		DEMAND FACTOR	0.80		
					50 sqmm Dia. IMC		DEMAND LOAD (VA)	36,960		

NOTE:

- a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION 0

PANEL NO. : 6PP1						LOCATION :	EE ROOM 6 FL.			
CAPACITY : 100 A. 12 CIRCUITS, 230/400 VAC. 50 Hz.						MOUNTING :	WALL MOUNTED			
MAIN : CB										
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA		
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C
1								6,700		
3	ESCALATOR 5-6		3	50	10	4x16 /G-6, IEC01	dia. 32mm EMT		6,700	
5										6,700
7								6,700		
9	ESCALATOR 5-6		3	50	10	4x16 /G-6, IEC01	dia. 32mm EMT		6,700	
11										6,700
2	SPARE		1	20	5	-	-	1,000		
4	SPARE		1	20	5	-	-		1,000	
6	SPARE		1	20	5	-	-			1,000
8	SPARE		1	20	5	-	-	1,000		
10	SPARE		1	20	5	-	-		1,000	
12	SPARE		1	20	5	-	-			1,000
CONNECT TO :		MAIN CB :			MAIN CONDUCTOR :		CONNECTED LOAD	15,400	15,400	15,400
6DB1		3P, 100AT/100AF			4x50/G-10, IEC01		(VA)	46,200		
		Ic > 25 kA at 400VAC. 50Hz.			RACEWAY :		DEMAND FACTOR	0.80		
					50 sqmm Dia. IMC		DEMAND LOAD (VA)	36,960		

NOTE:

- a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION 0

PANEL NO. : 7PP1						LOCATION :	EE ROOM 7 FL.			
CAPACITY : 100 A. 12 CIRCUITS, 230/400 VAC. 50 Hz.						MOUNTING :	WALL MOUNTED			
MAIN : CB										
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA		
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C
1								6,700		
3	ESCALATOR 6-7		3	50	10	4x16 /G-6, IEC01	dia. 32mm EMT		6,700	
5										6,700
7								6,700		
9	ESCALATOR 6-7		3	50	10	4x16 /G-6, IEC01	dia. 32mm EMT		6,700	
11										6,700
2	SPARE		1	20	5	-	-	1,000		
4	SPARE		1	20	5	-	-		1,000	
6	SPARE		1	20	5	-	-			1,000
8	SPARE		1	20	5	-	-	1,000		
10	SPARE		1	20	5	-	-		1,000	
12	SPARE		1	20	5	-	-			1,000
CONNECT TO :		MAIN CB :			MAIN CONDUCTOR :		CONNECTED LOAD (VA)	15,400	15,400	15,400
7DB1		3P, 100AT/100AF Ic > 25 kA at 400VAC. 50Hz.			4x50/G-10, IEC01			46,200		
					RACEWAY :		DEMAND FACTOR	0.80		
					50 sqmm Dia. IMC		DEMAND LOAD (VA)	36,960		

NOTE:

- a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION 0

PANEL NO. : 8PP1		LOCATION :				EE ROOM 8 FL.				
CAPACITY : 250 A. 18 CIRCUITS, 230/400 VAC. 50 Hz.		MOUNTING :				WALL MOUNTED				
MAIN : CB										
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA		
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C
1								6,700		
3	ESCALATOR 7-8		3	50	10	4x16 /G-6, IEC01	dia. 32mm EMT		6,700	
5										6,700
7								6,700		
9	ESCALATOR 7-8		3	50	10	4x16 /G-6, IEC01	dia. 32mm EMT		6,700	
11										6,700
13								3,500		
15	EDUCATION		3	20	10	4x10 /G-6, IEC01	dia. 25mm EMT		3,500	
17										3,500
2								3,500		
4	EDUCATION		3	20	10	4x10 /G-6, IEC01	dia. 25mm EMT		3,500	
6										3,500
8								5,500		
10	EDUCATION		3	30	10	4x10 /G-6, IEC01	dia. 25mm EMT		5,500	
12										5,500
14	SPACE		-	-	-	-	-	-	-	-
16	SPACE		-	-	-	-	-	-	-	-
18	SPACE		-	-	-	-	-	-	-	-
CONNECT TO :		MAIN CB :			MAIN CONDUCTOR :		CONNECTED LOAD	25,900	25,900	25,900
8DB1		3P, 150AT/250AF			4x95/G-16, IEC01		(VA)	77,700		
		Ic > 25 kA at 400VAC. 50Hz.			RACEWAY :		DEMAND FACTOR	0.80		
					65 sqmm Dia. IMC		DEMAND LOAD (VA)	62,160		

NOTE:

- a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION 0

PANEL NO. : 9PP1		LOCATION :				EE ROOM 9 FL.				
CAPACITY : 250 A. 36 CIRCUITS, 230/400 VAC. 50 Hz.		MOUNTING :				WALL MOUNTED				
MAIN : CB										
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA		
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C
1								6,700		
3	ESCALATOR 8-9		3	50	10	4x16 /G-6, IEC01	dia. 32mm EMT		6,700	
5										6,700
7								6,700		
9	ESCALATOR 8-9		3	50	10	4x16 /G-6, IEC01	dia. 32mm EMT		6,700	
11										6,700
13								5,500		
15	KIOSK		3	30	10	4x16 /G-6, IEC01	dia. 32mm EMT		5,500	
17										5,500
19								5,500		
21	KIOSK		3	30	10	4x16 /G-6, IEC01	dia. 32mm EMT		5,500	
23										5,500
25	SPARE		1	20	5	-	-	1,000		
27	SPARE		1	20	5	-	-		1,000	
29	SPARE		1	20	5	-	-			1,000
31	SPACE		1	20	5	-	-	1,000		
33	SPACE		1	20	5	-	-		1,000	
35	SPACE		1	20	5	-	-			1,000
2								5,500		
4	KIOSK		3	30	10	4x16 /G-6, IEC01	dia. 32mm EMT		5,500	
6										5,500
8								5,500		
10	KIOSK		3	30	10	4x16 /G-6, IEC01	dia. 32mm EMT		5,500	
12										5,500
14								5,500		
16	KIOSK		3	30	10	4x16 /G-6, IEC01	dia. 32mm EMT		5,500	
18										5,500
20								5,500		
22	KIOSK		3	30	10	4x16 /G-6, IEC01	dia. 32mm EMT		5,500	
24										5,500
26	SPARE		1	20	5	-	-	1,000		
28	SPARE		1	20	5	-	-		1,000	
30	SPARE		1	20	5	-	-			1,000
32	SPACE		1	20	5	-	-	1,000		
34	SPACE		1	20	5	-	-		1,000	
36	SPACE		1	20	5	-	-			1,000
CONNECT TO :		MAIN CB :			MAIN CONDUCTOR :		CONNECTED LOAD	50,400	50,400	50,400
9DB1		3P, 250AT/250AF			4x185/G-25, IEC01		(VA)			151,200
		Ic > 25 kA at 400VAC. 50Hz.			RACEWAY :		DEMAND FACTOR			0.80
					80 sqmm Dia. IMC		DEMAND LOAD (VA)			120,960

NOTE:

- a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION 0

PANEL NO. : 9APP1						LOCATION : EE ROOM 9A FL.				
CAPACITY : 100 A. 12 CIRCUITS, 230/400 VAC. 50 Hz.						MOUNTING : WALL MOUNTED				
MAIN : CB										
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA		
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C
1								6,700		
3	ESCALATOR 9-9A		3	50	10	4x16 /G-6, IEC01	dia. 32mm EMT		6,700	
5										6,700
7								6,700		
9	ESCALATOR 9-9A		3	50	10	4x16 /G-6, IEC01	dia. 32mm EMT		6,700	
11										6,700
2	SPARE		1	20	5	-	-	1,000		
4	SPARE		1	20	5	-	-		1,000	
6	SPARE		1	20	5	-	-			1,000
8	SPARE		1	20	5	-	-	1,000		
10	SPARE		1	20	5	-	-		1,000	
12	SPARE		1	20	5	-	-			1,000
CONNECT TO :		MAIN CB :			MAIN CONDUCTOR :		CONNECTED LOAD	15,400	15,400	15,400
9ADB1		3P, 100AT/100AF			4x50/G-10, IEC01		(VA)	46,200		
		Ic > 25 kA at 400VAC. 50Hz.			RACEWAY :		DEMAND FACTOR	0.80		
					50 sqmm Dia. IMC		DEMAND LOAD (VA)	36,960		

NOTE:

- a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION 0

PANEL NO. : 10PP1						LOCATION :	EE ROOM 10 FL.			
CAPACITY : 100 A. 12 CIRCUITS, 230/400 VAC. 50 Hz.						MOUNTING :	WALL MOUNTED			
MAIN : CB										
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA		
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C
1								6,700		
3	ESCALATOR 9A-10		3	50	10	4x16 /G-6, IEC01	dia. 32mm EMT		6,700	
5										6,700
7								6,700		
9	ESCALATOR 9A-10		3	50	10	4x16 /G-6, IEC01	dia. 32mm EMT		6,700	
11										6,700
2	SPARE		1	20	5	-	-	1,000		
4	SPARE		1	20	5	-	-		1,000	
6	SPARE		1	20	5	-	-			1,000
8	SPARE		1	20	5	-	-	1,000		
10	SPARE		1	20	5	-	-		1,000	
12	SPARE		1	20	5	-	-			1,000
CONNECT TO :		MAIN CB :			MAIN CONDUCTOR :		CONNECTED LOAD	15,400	15,400	15,400
10DB1		3P, 100AT/100AF			4x50/G-10, IEC01		(VA)	46,200		
		Ic > 25 kA at 400VAC. 50Hz.			RACEWAY :		DEMAND FACTOR	0.80		
					50 sqmm Dia. IMC		DEMAND LOAD (VA)	36,960		

NOTE:

- a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION 0

PANEL NO. : 11PP1						LOCATION :	EE ROOM 11 FL.			
CAPACITY : 100 A. 12 CIRCUITS, 230/400 VAC. 50 Hz.						MOUNTING :	WALL MOUNTED			
MAIN : CB										
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA		
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C
1								6,700		
3	ESCALATOR 10-11		3	50	10	4x16 /G-6, IEC01	dia. 32mm EMT		6,700	
5										6,700
7								6,700		
9	ESCALATOR 10-11		3	50	10	4x16 /G-6, IEC01	dia. 32mm EMT		6,700	
11										6,700
2	SPARE		1	20	5	-	-	1,000		
4	SPARE		1	20	5	-	-		1,000	
6	SPARE		1	20	5	-	-			1,000
8	SPARE		1	20	5	-	-	1,000		
10	SPARE		1	20	5	-	-		1,000	
12	SPARE		1	20	5	-	-			1,000
CONNECT TO :		MAIN CB :			MAIN CONDUCTOR :		CONNECTED LOAD	15,400	15,400	15,400
11DB1		3P, 100AT/100AF			4x50/G-10, IEC01		(VA)	46,200		
		Ic > 25 kA at 400VAC. 50Hz.			RACEWAY :		DEMAND FACTOR	0.80		
					50 sqmm Dia. IMC		DEMAND LOAD (VA)	36,960		

NOTE:

- a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION 0

PANEL NO. : 12PP1						LOCATION :	EE ROOM 12 FL.			
CAPACITY : 100 A. 12 CIRCUITS, 230/400 VAC. 50 Hz.						MOUNTING :	WALL MOUNTED			
MAIN : CB										
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA		
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C
1								6,700		
3	ESCALATOR 11-12		3	50	10	4x16 /G-6, IEC01	dia. 32mm EMT		6,700	
5										6,700
7								6,700		
9	ESCALATOR 11-12		3	50	10	4x16 /G-6, IEC01	dia. 32mm EMT		6,700	
11										6,700
2	SPARE		1	20	5	-	-	1,000		
4	SPARE		1	20	5	-	-		1,000	
6	SPARE		1	20	5	-	-			1,000
8	SPARE		1	20	5	-	-	1,000		
10	SPARE		1	20	5	-	-		1,000	
12	SPARE		1	20	5	-	-			1,000
CONNECT TO :		MAIN CB :			MAIN CONDUCTOR :		CONNECTED LOAD	15,400	15,400	15,400
12DB1		3P, 100AT/100AF			4x50/G-10, IEC01		(VA)	46,200		
		Ic > 25 kA at 400VAC. 50Hz.			RACEWAY :		DEMAND FACTOR	0.80		
					50 sqmm Dia. IMC		DEMAND LOAD (VA)	36,960		

NOTE:

- a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION 0

PANEL NO. : 13PP1						LOCATION :	EE ROOM 12 FL.			
CAPACITY : 100 A. 12 CIRCUITS, 230/400 VAC. 50 Hz.						MOUNTING :	WALL MOUNTED			
MAIN : CB										
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA		
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C
1								6,700		
3	ESCALATOR 12-13		3	50	10	4x16 /G-6, IEC01	dia. 32mm EMT		6,700	
5										6,700
7								6,700		
9	ESCALATOR 12-13		3	50	10	4x16 /G-6, IEC01	dia. 32mm EMT		6,700	
11										6,700
2	SPARE		1	20	5	-	-	1,000		
4	SPARE		1	20	5	-	-		1,000	
6	SPARE		1	20	5	-	-			1,000
8	SPARE		1	20	5	-	-	1,000		
10	SPARE		1	20	5	-	-		1,000	
12	SPARE		1	20	5	-	-			1,000
CONNECT TO :		MAIN CB :			MAIN CONDUCTOR :		CONNECTED LOAD	15,400	15,400	15,400
13DB1		3P, 100AT/100AF			4x50/G-10, IEC01		(VA)	46,200		
		Ic > 25 kA at 400VAC. 50Hz.			RACEWAY :		DEMAND FACTOR	0.80		
					50 sqmm Dia. IMC		DEMAND LOAD (VA)	36,960		

NOTE:

- a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION 0

PANEL NO. : 14PP1						LOCATION :	EE ROOM 12 FL.			
CAPACITY : 100 A. 24 CIRCUITS, 230/400 VAC. 50 Hz.						MOUNTING :	WALL MOUNTED			
MAIN : CB										
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA		
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C
1								6,700		
3	ESCALATOR 13-14		3	50	10	4x16 /G-6, IEC01	dia. 32mm EMT		6,700	
5										6,700
7								6,700		
9	ESCALATOR 13-14		3	50	10	4x16 /G-6, IEC01	dia. 32mm EMT		6,700	
11										6,700
2	SPARE		1	20	5	-	-	1,000		
4	SPARE		1	20	5	-	-		1,000	
6	SPARE		1	20	5	-	-			1,000
8	SPARE		1	20	5	-	-	1,000		
10	SPARE		1	20	5	-	-		1,000	
12	SPARE		1	20	5	-	-			1,000
CONNECT TO :		MAIN CB :			MAIN CONDUCTOR :		CONNECTED LOAD	15,400	15,400	15,400
14DB1		3P, 100AT/100AF			4x50/G-10, IEC01		(VA)	46,200		
		Ic > 25 kA at 400VAC. 50Hz.			RACEWAY :		DEMAND FACTOR	0.80		
					50 sqmm Dia. IMC		DEMAND LOAD (VA)	36,960		

NOTE:

- a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

SITE 83 CO.,LTD.

EPP

SEP, 2018

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PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION 0

PANEL NO. : B2EPP1		LOCATION : EE ROOM B2 FL.									
CAPACITY : 100 A. 24 CIRCUITS, 230/400 VAC. 50 Hz.		MOUNTING : WALL MOUNTED									
MAIN : CB											
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA			
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C	
1								3,500			
3	EF-B2/01		3	30	10	4x6 /G-4, FRC	dia. 40mm IMC		3,500		
5										3,500	
7								3,500			
9	EF-B2/01		3	30	10	4x6 /G-4, FRC	dia. 40mm IMC		3,500		
11										3,500	
13								500			
15	EF-B2/03		3	20	10	4x2.5 /G-2.5, LSHF	dia. 20mm IMC		500		
17										500	
19								500			
21	EF-B2/04		3	20	10	4x2.5 /G-2.5, LSHF	dia. 20mm IMC		500		
23										500	
2								3,500			
4	FF-B2/01		3	30	10	4x6 /G-4, FRC	dia. 40mm IMC		3,500		
6										3,500	
8								3,500			
10	FF-B2/02		3	30	10	4x6 /G-4, FRC	dia. 40mm IMC		3,500		
12										3,500	
14	FFC-B2/01-4		1	20	10	2x4 /G-2.5, LSHF	dia. 15mm IMC	2,000			
16	SPARE					-	-		1,000		
18	SPARE					-	-			1,000	
20	SPACE					-	-	-	-	-	
22	SPACE		-	-	-	-	-	-	-	-	
24	SPACE		-	-	-	-	-	-	-	-	
CONNECT TO : 7EDB1		MAIN CB : 3P, 100AT/100AF Ic ≥ 18 kA at 400VAC. 50Hz.			MAIN CONDUCTOR : 4x25/G-10, FRC RACEWAY : 50 sqmm Dia. IMC		CONNECTED LOAD (VA)		17,000	16,000	16,000
								49,000			
								DEMAND FACTOR		1.00	
								DEMAND LOAD (VA)		49,000	

NOTE:

- a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION 0

PANEL NO. : B1EPP1						LOCATION : EE ROOM B1 FL.				
CAPACITY : 100 A. 24 CIRCUITS, 230/400 VAC. 50 Hz.						MOUNTING : WALL MOUNTED				
MAIN : CB										
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA		
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C
1								3,500		
3	EF-B1/01		3	30	10	4x6 /G-4, FRC	dia. 40mm IMC		3,500	
5										3,500
7								3,500		
9	EF-B1/02		3	30	10	4x6 /G-4, FRC	dia. 40mm IMC		3,500	
11										3,500
13								350		
15	EF-B1/03		3	20	10	4x2.5 /G-2.5 LSHF	dia. 20mm IMC		350	
17										350
19	FFC-B2/01-4		1	20	10	4x6 /G-4, FRC	dia. 40mm IMC	2000		
21	SPARE		1	20	5				1,000	
23	SPARE		1	20	5					1,000
2								3,500		
4	FF-B1/01		3	30	10	4x6 /G-4, FRC	dia. 40mm IMC		3,500	
6										3,500
8								3,500		
10	FF-B1/02		3	30	10	4x6 /G-4, FRC	dia. 40mm IMC		3,500	
12										3,500
14	SPACE		-	-	-	-	-	-	-	-
16	SPACE		-	-	-	-	-	-	-	-
18	SPACE		-	-	-	-	-	-	-	-
20	SPACE		-	-	-	-	-	-	-	-
22	SPACE		-	-	-	-	-	-	-	-
24	SPACE		-	-	-	-	-	-	-	-
CONNECT TO :		MAIN CB :		MAIN CONDUCTOR :		CONNECTED LOAD		16,350	15,350	15,350
7EDB1		3P, 100AT/100AF		4x25/G-10, FRC		(VA)		47,050		
		Ic ≥ 18 kA at 400VAC. 50Hz.		RACEWAY :		DEMAND FACTOR		1.00		
				50 sqmm Dia. IMC		DEMAND LOAD (VA)		47,050		

NOTE:

- a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18
REVISION 0

PANEL NO. : 4EPP1						LOCATION : EE ROOM 4 FL.				
CAPACITY : 250 A. 18 CIRCUITS, 230/400 VAC. 50 Hz.						MOUNTING : WALL MOUNTED				
MAIN : CB										
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA		
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C
1								2,000		
3	FFC-F4/01-12		3	20	10	4x4 /G-2.5, IEC01	dia. 25mm EMT		2,000	
5										2,000
7	SPARE		1	20	5	-	-	1,000		
9	SPARE		1	20	5	-	-		1,000	
11	SPARE		1	20	5	-	-			1,000
2	SPARE		1	20	5	-	-	1,000		
4	SPARE		1	20	5	-	-		1,000	
6	SPARE		1	20	5	-	-			1,000
8	SPARE		1	20	5	-	-	1,000		
10	SPARE		1	20	5	-	-		1,000	
12	SPARE		1	20	5	-	-			1,000
CONNECT TO :		MAIN CB :		MAIN CONDUCTOR :		CONNECTED LOAD		5,000	5,000	5,000
EMDB		3P, 30AT/100AF		4x6 / G-4, IEC01		(VA)		15,000		
		Ic ≥ 18 kA at 400VAC. 50Hz.		RACEWAY :		DEMAND FACTOR		1.00		
				20 sqmm Dia. IMC		DEMAND LOAD (VA)		15,000		

NOTE:

- a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18
REVISION 0

PANEL NO. : 5EPP1						LOCATION : EE ROOM 5 FL.					
CAPACITY : 100 A. 12 CIRCUITS, 230/400 VAC. 50 Hz.						MOUNTING : WALL MOUNTED					
MAIN : CB											
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA			
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C	
1								2,000			
3	FFC-F5/01-12		3	20	10	4x4 /G-2.5, IEC01	dia. 25mm EMT		2,000		
5										2,000	
7	SPARE		1	20	5	-	-	1,000			
9	SPARE		1	20	5	-	-		1,000		
11	SPARE		1	20	5	-	-			1,000	
2	SPARE		1	20	5	-	-	1,000			
4	SPARE		1	20	5	-	-		1,000		
6	SPARE		1	20	5	-	-			1,000	
8	SPARE		1	20	5	-	-	1,000			
10	SPARE		1	20	5	-	-		1,000		
12	SPARE		1	20	5	-	-			1,000	
CONNECT TO :		MAIN CB :			MAIN CONDUCTOR :		CONNECTED LOAD		5,000	5,000	5,000
EMDB		3P, 30AT/100AF			4x6 / G-4, IEC01		(VA)		15,000		
		Ic ≥ 18 kA at 400VAC. 50Hz.			RACEWAY :		DEMAND FACTOR		1.00		
					20 sqmm Dia. IMC		DEMAND LOAD (VA)		15,000		

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18
REVISION 0

PANEL NO. : 6EPP1		LOCATION : EE ROOM 6 FL.									
CAPACITY : 100 A. 18 CIRCUITS, 230/400 VAC. 50 Hz.		MOUNTING : WALL MOUNTED									
MAIN : CB											
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA			
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C	
1								2,000			
3	FFC-F6/01-12		3	20	10	4x4 /G-2.5, IEC01	dia. 25mm EMT		2,000		
5										2,000	
7								6,850			
9	KFF-F6/01		3	60	10	4x25 /G-6, IEC01	dia. 32mm EMT		6,850		
11										6,850	
13	SPARE		1	20	5	-	-	1,000			
15	SPARE		1	20	5	-	-		1,000		
17	SPARE		1	20	5	-	-			1,000	
2								3,600			
4	AC-OAU6/01		3	40	10	4x10 /G-6, IEC01	dia. 32mm EMT		5,000		
6										5,000	
8								3,600			
10	KFF-F6/02		3	40	10	4x10 /G-4, IEC01	dia. 25mm EMT		3,600		
12										3,600	
14	SPARE		1	20	5	-	-	1,000			
16	SPARE		1	20	5	-	-		1,000		
18	SPARE		1	20	5	-	-			1,000	
CONNECT TO :		MAIN CB :			MAIN CONDUCTOR :		CONNECTED LOAD (VA)		18,050	19,450	19,450
EMDB		3P, 125AT/250AF			4x70 / G-16, IEC01		(VA)		56,950		
		Ic > 18 kA at 400VAC. 50Hz.			RACEWAY :		DEMAND FACTOR		1.00		
					65 sqmm Dia. IMC		DEMAND LOAD (VA)		56,950		

NOTE:

- a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION 0

PANEL NO. : 7EPP1						LOCATION : EE ROOM 7FL.					
CAPACITY : 100 A. 12 CIRCUITS, 230/400 VAC. 50 Hz.						MOUNTING : WALL MOUNTED					
MAIN : CB											
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA			
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C	
1								2,000			
3	FFC-F7/01-12		3	20	10	4x4 /G-2.5, IEC01	dia. 25mm EMT		2,000		
5										2,000	
7								7,150			
9	KEF-F7/01		3	60	10	4x25 /G-6, IEC01	dia. 32mm EMT		7,150		
11										7,150	
2								4,050			
4	KEF-F7/02		3	40	10	4x10 /G-4, IEC01	dia. 25mm EMT		4,050		
6										4,050	
8	SPARE		1	20	5	-	-	1,000			
10	SPARE		1	20	5	-	-		1,000		
12	SPARE		1	20	5	-	-			1,000	
CONNECT TO :		MAIN CB :			MAIN CONDUCTOR :		CONNECTED LOAD (VA)		14,200	14,200	14,200
EMDB		3P, 100AT/100AF			4x50 / G-10, IEC01		(VA)		42,600		
		Ic > 18 kA at 400VAC. 50Hz.			RACEWAY :		DEMAND FACTOR		1.00		
					50 sqmm Dia. IMC		DEMAND LOAD (VA)		42,600		

NOTE:

- a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION 0

PANEL NO. : 8EPP1						LOCATION : EE ROOM 8 FL.					
CAPACITY : 100 A. 12 CIRCUITS, 230/400 VAC. 50 Hz.						MOUNTING : WALL MOUNTED					
MAIN : CB											
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA			
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C	
1								3,300			
3	SEF-F8/01		3	30	10	4x6 /G-4, FRC	dia. 40mm IMC		3,300		
5										3,300	
7								3,300			
9	SEF-F8/02		3	30	10	4x6 /G-4, FRC	dia. 40mm IMC		3,300		
11										3,300	
2								3,300			
4	SEF-F8/03		3	30	10	4x6 /G-4, FRC	dia. 40mm IMC		3,300		
6										3,300	
8								3,300			
10	SEF-F8/04		3	30	10	4x6 /G-4, FRC	dia. 40mm IMC		3,300		
12										3,300	
CONNECT TO :		MAIN CB :			MAIN CONDUCTOR :		CONNECTED LOAD (VA)		13,200	13,200	13,200
7EDB1		3P, 100AT/100AF Ic > 18 kA at 400VAC. 50Hz.			4x25/G-10, FRC				39,600		
					RACEWAY :		DEMAND FACTOR		1.00		
					50 sqmm Dia. IMC		DEMAND LOAD (VA)		39,600		

NOTE:

- a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18
REVISION 0

PANEL NO. : 9EPP1						LOCATION : EE ROOM 9FL.				
CAPACITY : 100 A. 12 CIRCUITS, 230/400 VAC. 50 Hz.						MOUNTING : WALL MOUNTED				
MAIN : CB										
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA		
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C
1								2,200		
3	KEF-F9/01		3	20	10	4x4 /G-2.5, IEC01	dia. 20mm EMT		2,200	
5										2,200
7								2,200		
9	KFF-F9/01		3	20	10	4x4 /G-2.5, IEC01	dia. 20mm EMT		2,200	
11										2,200
2	SPARE		1	20	5	-	-	1,000		
4	SPARE		1	20	5	-	-		1,000	
6	SPARE		1	20	5	-	-			1,000
8	SPACE		-	-	-	-	-	-	-	-
10	SPACE		-	-	-	-	-	-	-	-
12	SPACE		-	-	-	-	-	-	-	-
CONNECT TO :		MAIN CB :			MAIN CONDUCTOR :		CONNECTED LOAD			
EMDB		3P, 50AT/100AF Ic > 18 kA at 400VAC. 50Hz.			4x16 / G-6, IEC01		(VA)			5,400
							RACEWAY :			DEMAND FACTOR
					32 sqmm Dia. IMC		DEMAND LOAD (VA)			16,200

NOTE:

- a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

SITE 83 CO.,LTD.

EDUCATION

SEP, 2018

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PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18
REVISION 0

PANEL NO. : 14EPP1						LOCATION : EE ROOM 14 FL.					
CAPACITY : 100 A. 12 CIRCUITS, 230/400 VAC. 50 Hz.						MOUNTING : WALL MOUNTED					
MAIN : CB											
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA			
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C	
1								3,300			
3	SEF-F14/01		3	30	10	4x4 /G-4, FRC	dia. 32mm IMC		3,300		
5										3,300	
7	SPARE		1	20	5	-	-	1,000			
9	SPARE		1	20	5	-	-		1,000		
11	SPARE		1	20	5	-	-			1,000	
2								3,300			
4	SEF-F14/02		3	30	10	4x4 /G-4, FRC	dia. 32mm IMC		3,300		
6										3,300	
8	SPARE		1	20	5	-	-	1,000			
10	SPARE		1	20	5	-	-		1,000		
12	SPARE		1	20	5	-	-			1,000	
CONNECT TO :		MAIN CB :			MAIN CONDUCTOR :		CONNECTED LOAD		8,600	8,600	8,600
14EDB1		3P, 100AT/100AF			4x25/G-10, FRC		(VA)		25,800		
		Ic ≥ 18 kA at 400VAC. 50Hz.			RACEWAY :		DEMAND FACTOR		1.00		
					50 sqmm Dia. IMC		DEMAND LOAD (VA)		25,800		

NOTE:

- a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18
REVISION : 0

PANEL NO. : LPA		CAPACITY : 100 A. 18 CIRCUITS, 230/400 VAC. 50 Hz.			LOCATION : EDUCATION FL.8		MOUNTING : WALL MOUNTED				
MAIN : CB											
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA			
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C	
1	ไฟฟ้าแสงสว่าง		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	1,920			
3	ไฟฟ้าแสงสว่าง		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT		1,520		
5	SPARE		1	20	5	-	-			1,000	
7								1,000			
9	AC-F8/A		3	20	5	4x4 /G-2.5, IEC01	dia. 20mm EMT		1,000		
11										1,000	
13								1,000			
15	AC-F8/B		3	20	5	4x4 /G-2.5, IEC01	dia. 20mm EMT		1,000		
17						-	-			1,000	
2	SPARE		1	20	5	-	-	1,000			
4	SPARE		1	20	5	-	-		1,000		
6	SPARE		1	20	5	-	-			1,000	
8	SPARE		1	20	5	-	-	1,000			
10	SPARE		1	20	5	-	-		1,000		
12	SPARE		1	20	5	-	-			1,000	
14	SPARE		1	20	5	-	-	1,000			
16	SPARE		1	20	5	-	-		1,000		
18	SPARE		1	20	5	-	-			1,000	
CONNECT TO : 8DB1		MAIN CB : 3P, 70AT/100AF Ic > 25 kA at 400VAC. 50Hz.			MAIN CONDUCTOR : 4x35/G-10, IEC01		CONNECTED LOAD (VA)		6,920	6,520	6,000
					RACEWAY : 40 sqmm Dia. IMC		DEMAND FACTOR				1.00
							DEMAND LOAD (VA)				19,440

NOTE:

- a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18
REVISION : 0

PANEL NO. : LPB		LOCATION : EDUCATION FL.8									
CAPACITY : 100 A. 18 CIRCUITS, 230/400 VAC. 50 Hz.		MOUNTING : WALL MOUNTED									
MAIN : CB											
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA			
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C	
1	ไฟฟ้าแสงสว่าง		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	1,280			
3	SPARE		1	20	5				1,000		
5	SPARE		1	20	5	-	-			1,000	
7								1,000			
9	AC-F8		3	20	5	4x4 /G-2.5, IEC01	dia. 20mm EMT		1,000		
11										1,000	
13	SPARE		1	20	5	-	-	1,000			
15	SPARE		1	20	5	-	-		1,000		
17	SPARE		1	20	5	-	-			1,000	
2	SPARE		1	20	5	-	-	1,000			
4	SPARE		1	20	5	-	-		1,000		
6	SPARE		1	20	5	-	-			1,000	
8	SPARE		1	20	5	-	-	1,000			
10	SPARE		1	20	5	-	-		1,000		
12	SPARE		1	20	5	-	-			1,000	
14	SPARE		1	20	5	-	-	1,000			
16	SPARE		1	20	5	-	-		1,000		
18	SPARE		1	20	5	-	-			1,000	
CONNECT TO : 8DB1		MAIN CB : 3P, 30AT/100AF Ic > 25 kA at 400VAC. 50Hz.			MAIN CONDUCTOR : 4x10/G-6, IEC01		CONNECTED LOAD (VA)		6,280	6,000	6,000
					RACEWAY : 25sqmm Dia. IMC		DEMAND FACTOR				18,280
							DEMAND LOAD (VA)				18,280

NOTE:

- a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18
REVISION : 0

PANEL NO. : LPC		CAPACITY : 100 A. 18 CIRCUITS, 230/400 VAC. 50 Hz.			LOCATION : EDUCATION FL.8		MOUNTING : WALL MOUNTED			
MAIN : CB										
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA		
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C
1	ไฟฟ้าแสงสว่าง		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	1,120		
3	ไฟฟ้าแสงสว่าง		1	20	5				1,000	
5	SPARE		1	20	5	-	-			1,000
7								1,000		
9	AC-F8/A		3	20	5	4x4 /G-2.5, IEC01	dia. 20mm EMT		1,000	
11										1,000
13								1,000		
15	AC-F8/B		3	20	5	4x4 /G-2.5, IEC01	dia. 20mm EMT		1,000	
17										1,000
2	SPARE		1	20	5	-	-	1,000		
4	SPARE		1	20	5	-	-		1,000	
6	SPARE		1	20	5	-	-			1,000
8	SPARE		1	20	5	-	-	1,000		
10	SPARE		1	20	5	-	-		1,000	
12	SPARE		1	20	5	-	-			1,000
14	SPARE		1	20	5	-	-	1,000		
16	SPARE		1	20	5	-	-		1,000	
18	SPARE		1	20	5	-	-			1,000
CONNECT TO :		MAIN CB :			MAIN CONDUCTOR :		CONNECTED LOAD			
8DB1		3P, 70AT/100AF Ic > 25 kA at 400VAC. 50Hz.			4x25/G-6, IEC01		(VA)		6,120 6,000 6,000	
					RACEWAY :		DEMAND FACTOR		1.00	
					32 sqmm Dia. IMC		DEMAND LOAD (VA)		18,120	

NOTE:

- a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18
REVISION : 0

PANEL NO. : LPD		CIRCUITS, 230/400 VAC. 50 Hz.			LOCATION : EDUCATION FL.8	MOUNTING : WALL MOUNTED					
CAPACITY : 100 A.											
MAIN : CB											
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA			
			POLE	AT	Ic(KA)			PHASE A	PHASE B	PHASE C	
1	ไฟฟ้าแสงสว่าง		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	1,120			
3	AC-F8		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		500		
5	SPARE		1	20	5	-	-			1,000	
7	SPARE		1	20	5			1,000			
9	SPARE		1	20	5				1,000		
11	SPARE		1	20	5					1,000	
2	SPARE		1	20	5	-	-	1,000			
4	SPARE		1	20	5	-	-		1,000		
6	SPARE		1	20	5	-	-			1,000	
8	SPARE		1	20	5	-	-	1,000			
10	SPARE		1	20	5	-	-		1,000		
12	SPARE		1	20	5	-	-			1,000	
CONNECT TO : 8DB1		MAIN CB : 3P, 20AT/100AF Ic > 25 kA at 400VAC. 50Hz.			MAIN CONDUCTOR : 4x10/G-6, IEC01		CONNECTED LOAD (VA)		4,120	3,500	4,000
					RACEWAY : 25 sqmm Dia. IMC		DEMAND FACTOR				1.00
							DEMAND LOAD (VA)				11,620

NOTE:

- a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18
REVISION : 0

PANEL NO. : LPE		CAPACITY : 100 A. 18 CIRCUITS, 230/400 VAC. 50 Hz.			LOCATION : EDUCATION FL.11-14		MOUNTING : WALL MOUNTED				
MAIN : CB											
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA			
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C	
1	ไฟฟ้าแสงสว่าง		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	800			
3	SPARE		1	20	5				1,000		
5	SPARE		1	20	5	-	-			1,000	
7								1,000			
9	AC		3	20	5	4x4 /G-2.5, IEC01	dia. 20mm EMT		1,000		
11										1,000	
13	SPARE		1	20	5	-	-	1,000			
15	SPARE		1	20	5	-	-		1,000		
17	SPARE		1	20	5	-	-			1,000	
2	SPARE		1	20	5	-	-	1,000			
4	SPARE		1	20	5	-	-		1,000		
6	SPARE		1	20	5	-	-			1,000	
8	SPARE		1	20	5	-	-	1,000			
10	SPARE		1	20	5	-	-		1,000		
12	SPARE		1	20	5	-	-			1,000	
14	SPARE		1	20	5	-	-	1,000			
16	SPARE		1	20	5	-	-		1,000		
18	SPARE		1	20	5	-	-			1,000	
CONNECT TO :		MAIN CB :			MAIN CONDUCTOR :		CONNECTED LOAD (VA)		5,800	6,000	6,000
11-14DB1		3P, 30AT/100AF Ic > 25 kA at 400VAC. 50Hz.			4x6/G-4, IEC01		DEMAND FACTOR				17,800
					RACEWAY : 20 sqmm Dia. IMC		DEMAND LOAD (VA)				17,800

NOTE:

- a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18
REVISION : 0

PANEL NO. : LPF		CAPACITY : 100 A. 24 CIRCUITS, 230/400 VAC. 50 Hz.			LOCATION : EDUCATION FL.11-14		MOUNTING : WALL MOUNTED				
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA			
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C	
1	ไฟฟ้าแสงสว่าง		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	1,600			
3	ไฟฟ้าแสงสว่าง		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		1,120		
5	AC		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT			500	
7						-	-	1,000			
9	AC		3	20	5	4x4 /G-2.5, IEC01	dia. 20mm EMT		1,000		
11						-	-			1,000	
13						-	-	1,000			
15	AC		3	20	5	4x4 /G-2.5, IEC01	dia. 20mm EMT		1,000		
17						-	-			1,000	
19	AC		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	500			
21	SPARE		1	20	5	-	-		1,000		
23	SPARE		1	20	5	-	-			1,000	
2	SPARE		1	20	5	-	-	1,000			
4	SPARE		1	20	5	-	-		1,000		
6	SPARE		1	20	5	-	-			1,000	
8	SPARE		1	20	5	-	-	1,000			
10	SPARE		1	20	5	-	-		1,000		
12	SPARE		1	20	5	-	-			1,000	
14	SPARE		1	20	5	-	-	1,000			
16	SPARE		1	20	5	-	-		1,000		
18	SPARE		1	20	5	-	-			1,000	
20	SPARE		1	20	5	-	-	1,000			
22	SPARE		1	20	5	-	-		1,000		
24	SPARE		1	20	5	-	-			1,000	
CONNECT TO :		MAIN CB :			MAIN CONDUCTOR :		CONNECTED LOAD		8,100	8,120	7,500
11-14DB1		3P, 70AT/100AF Ic > 25 kA at 400VAC. 50Hz.			4x25/G-6, IEC01		(VA)		23,720		
					RACEWAY :		DEMAND FACTOR		1.00		
					32 sqmm Dia. IMC		DEMAND LOAD (VA)		23,720		

NOTE:

- a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18
REVISION : 0

PANEL NO. : LPL		CAPACITY : 100 A. 18 CIRCUITS, 230/400 VAC. 50 Hz.			LOCATION : EDUCATION FL.8		MOUNTING : WALL MOUNTED			
MAIN : CB										
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA		
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C
1	ไฟฟ้าแสงสว่าง		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	600		
3	SPARE		1	20	5				1,000	
5	SPARE		1	20	5	-	-			1,000
7								1,000		
9	AC		3	20	5	4x4 /G-2.5, IEC01	dia. 20mm EMT		1,000	
11										1,000
13	SPARE		1	20	5	-	-	1,000		
15	SPARE		1	20	5	-	-		1,000	
17	SPARE		1	20	5	-	-			1,000
2	SPARE		1	20	5	-	-	1,000		
4	SPARE		1	20	5	-	-		1,000	
6	SPARE		1	20	5	-	-			1,000
8	SPARE		1	20	5	-	-	1,000		
10	SPARE		1	20	5	-	-		1,000	
12	SPARE		1	20	5	-	-			1,000
14	SPARE		1	20	5	-	-	1,000		
16	SPARE		1	20	5	-	-		1,000	
18	SPARE		1	20	5	-	-			1,000
CONNECT TO :		MAIN CB :			MAIN CONDUCTOR :		CONNECTED LOAD			
11-14DB1		3P, 30AT/100AF Ic > 25 kA at 400VAC. 50Hz.			4x6/G-4, IEC01		(VA)		5,600 6,000 6,000	
					RACEWAY :		DEMAND FACTOR		17,600	
					20 sqmm Dia. IMC		DEMAND LOAD (VA)		1.00 17,600	

NOTE:

- a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

SITE 83 CO.,LTD.

OFFICE

SEP, 2018

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PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION : 0

PANEL NO. : LPG		CAPACITY : 100 A. 18 CIRCUITS, 230/400 VAC. 50 Hz.				LOCATION OFFICE FL.15-24 MOUNTING WALL MOUNTED					
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA			
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C	
1	ไฟฟ้าแสงสว่าง		1	16	5	2x2.5 /G-2.5, IEC01	a. 15mm EM	800			
3	SPARE		1	20	5				1,000		
5	SPARE		1	20	5	-	-			1,000	
7								1,000			
9	AC		3	20	5	4x4 /G-2.5, IEC01	a. 20mm EMT		1,000		
11										1,000	
13	SPARE		1	20	5	-	-	1,000			
15	SPARE		1	20	5	-	-		1,000		
17	SPARE		1	20	5	-	-			1,000	
2	SPARE		1	20	5	-	-	1,000			
4	SPARE		1	20	5	-	-		1,000		
6	SPARE		1	20	5	-	-			1,000	
8	SPARE		1	20	5	-	-	1,000			
10	SPARE		1	20	5	-	-		1,000		
12	SPARE		1	20	5	-	-			1,000	
14	SPARE		1	20	5	-	-	1,000			
16	SPARE		1	20	5	-	-		1,000		
18	SPARE		1	20	5	-	-			1,000	
CONNECT TO : 15-24DB1		MAIN CB : 3P, 30AT/100AF Ic > 25 kA at 400VAC. 50Hz.			MAIN CONDUCTOR : 4x6/G-4, IEC01		CONNECTE (VA)		5,800	6,000	6,000
					RACEWAY : 20 sqmm Dia. IMC		DEMAND FACTOR				1.00
							DEMAND LOAD (VA)				17,800

NOTE:

- a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION : 0

PANEL NO. : LPH		CAPACITY : 100 A. 24 CIRCUITS, 230/400 VAC. 50 Hz.				LOCATION OFFICE FL.15-24				
MAIN : CB						MOUNTING WALL MOUNTED				
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA		
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C
1	ไฟฟ้าแสงสว่าง		1	16	5	2x2.5 /G-2.5, IEC01	a. 15mm EM	1,600		
3	ไฟฟ้าแสงสว่าง		1	16	5	2x4 /G-2.5, IEC01	a. 15mm EMT		880	
5	AC		1	20	5	2x4 /G-2.5, IEC01	a. 15mm EMT			500
7						-	-	1,000		
9	AC		3	20	5	4x4 /G-2.5, IEC01	a. 20mm EMT		1,000	
11						-	-			1,000
13						-	-	1,000		
15	AC		3	20	5	4x4 /G-2.5, IEC01	a. 20mm EMT		1,000	
17						-	-			1,000
19	AC		1	20	5	2x4 /G-2.5, IEC01	a. 15mm EM	500		
21	SPARE		1	20	5	-	-		1,000	
23	SPARE		1	20	5	-	-			1,000
2	SPARE		1	20	5	-	-	1,000		
4	SPARE		1	20	5	-	-		1,000	
6	SPARE		1	20	5	-	-			1,000
8	SPARE		1	20	5	-	-	1,000		
10	SPARE		1	20	5	-	-		1,000	
12	SPARE		1	20	5	-	-			1,000
14	SPARE		1	20	5	-	-	1,000		
16	SPARE		1	20	5	-	-		1,000	
18	SPARE		1	20	5	-	-			1,000
20	SPARE		1	20	5	-	-	1,000		
22	SPARE		1	20	5	-	-		1,000	
24	SPARE		1	20	5	-	-			1,000
CONNECT TO :		MAIN CB :			MAIN CONDUCTOR :		CONNECTE	8,100	7,880	7,500
15-24DB1		3P, 70AT/100AF Ic > 25 kA at 400VAC. 50Hz.			4x25/G-6, IEC01		(VA)	23,480		
					RACEWAY :		DEMAND FACTOR			1.00
					32 sqmm Dia. IMC		DEMAND LOAD (VA)			23,480

NOTE:

- a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18

REVISION : 0

PANEL NO. : LPI						LOCATION OFFICE FL.15-24						
CAPACITY : 100 A. 12 CIRCUITS, 230/400 VAC. 50 Hz.						MOUNTING WALL MOUNTED						
MAIN : CB												
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA				
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C		
1	ไฟฟ้าแสงสว่าง		1	16	5	2x2.5 /G-2.5, IEC01	a. 15mm EM	320				
3	AC		1	20	5	2x4 /G-2.5, IEC01	a. 15mm EMT		500			
5	SPARE		1	20	5	-	-			1,000		
7	SPARE		1	20	5	-	-	1,000				
9	SPARE		1	20	5	-	-		1,000			
11	SPARE		1	20	5	-	-			1,000		
2	SPARE		1	20	5	-	-	1,000				
4	SPARE		1	20	5	-	-		1,000			
6	SPARE		1	20	5	-	-			1,000		
8	SPARE		1	20	5	-	-	1,000				
10	SPARE		1	20	5	-	-		1,000			
12	SPARE		1	20	5	-	-			1,000		
CONNECT TO : 15-24DB1		MAIN CB : 3P, 20AT/100AF Ic > 25 kA at 400VAC. 50Hz.			MAIN CONDUCTOR : 4x4/G-2.5, IEC01		CONNECTE (VA)	3,320	3,500	4,000	10,820	
					RACEWAY : 20 sqmm Dia. IMC		DEMAND FACTOR	1.00			DEMAND LOAD (VA)	10,820

NOTE:

- a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18
REVISION : 0

PANEL NO. : LPJ						LOCATION OFFICE FL.16-24					
CAPACITY : 100 A. 12 CIRCUITS, 230/400 VAC. 50 Hz.						MOUNTING WALL MOUNTED					
MAIN : CB											
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA			
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C	
1	ไฟฟ้าแสงสว่าง		1	16	5	2x2.5 /G-2.5, IEC01	a. 15mm EM	320			
3	AC		1	20	5	2x4 /G-2.5, IEC01	a. 15mm EMT		500		
5	SPARE		1	20	5	-	-			1,000	
7	SPARE		1	20	5	-	-	1,000			
9	SPARE		1	20	5	-	-		1,000		
11	SPARE		1	20	5	-	-			1,000	
2	SPARE		1	20	5	-	-	1,000			
4	SPARE		1	20	5	-	-		1,000		
6	SPARE		1	20	5	-	-			1,000	
8	SPARE		1	20	5	-	-	1,000			
10	SPARE		1	20	5	-	-		1,000		
12	SPARE		1	20	5	-	-			1,000	
CONNECT TO : 16-24DB1		MAIN CB : 3P, 20AT/100AF Ic > 25 kA at 400VAC. 50Hz.			MAIN CONDUCTOR : 4x4/G-2.5, IEC01		CONNECTE (VA)	3,320	3,500	4,000	10,820
					RACEWAY : 20 sqmm Dia. IMC		DEMAND FACTOR	1.00			
							DEMAND LOAD (VA)				10,820

NOTE:

- a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.

SITE 83 CO.,LTD.

MULTIPURPOSE

SEP,2018

A handwritten signature in blue ink, consisting of several loops and a final horizontal stroke.

PANELBOARD SCHEDULE

PROJECT : BLOCK H

DATE : 10-Sep-18
REVISION : 0

PANEL NO. : LPK		LOCATION : MULTI-PURPOSE									
CAPACITY : 100 A. 24 CIRCUITS, 230/400 VAC. 50 Hz.		MOUNTING : WALL MOUNTED									
MAIN : CB											
CCT. No.	DESCRIPTION	SEE NOTE	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA			
			POLE	AT	Ic(kA)			PHASE A	PHASE B	PHASE C	
1	ไฟฟ้าแสงสว่าง		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	1,600			
3	ไฟฟ้าแสงสว่าง		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT		880		
5	ไฟฟ้าแสงสว่าง		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT			480	
7	ไฟฟ้าแสงสว่าง		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT	480			
9	ไฟฟ้าแสงสว่าง		1	16	5	2x2.5 /G-2.5, IEC01	dia. 15mm EMT		160		
11	AC		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT			500	
13						-	-	1,000			
15	AC		3	20	5	4x4 /G-2.5, IEC01	dia. 20mm EMT		1,000		
17						-	-			1,000	
19						-	-	1,000			
21	AC		3	20	5	4x4 /G-2.5, IEC01	dia. 20mm EMT		1,000		
23						-	-			1,000	
2	เด้ารับไฟฟ้า		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	800			
4	เด้ารับไฟฟ้า		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		800		
6	เด้ารับไฟฟ้า		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT			400	
8	เด้ารับไฟฟ้า		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT	400			
10	AC		1	20	5	2x4 /G-2.5, IEC01	dia. 15mm EMT		500		
12	SPARE		1	20	5	-	-			1,000	
14	SPARE		1	20	5	-	-	1,000			
16	SPARE		1	20	5	-	-		1,000		
18	SPARE		1	20	5	-	-			1,000	
20	SPARE		1	20	5	-	-	1,000			
22	SPARE		1	20	5	-	-		1,000		
24	SPARE		1	20	5	-	-			1,000	
CONNECT TO : 15-24DB1		MAIN CB : 3P, 100AT/100AF Ic ≥ 25 kA at 400VAC. 50Hz.			MAIN CONDUCTOR : 4x50/G-10, IEC01		CONNECTED LOAD (VA)		7,280	6,340	6,380
					RACEWAY : 50 sqmm Dia. IMC		DEMAND FACTOR		20,000		
							DEMAND LOAD (VA)		1.00		
									20,000		

NOTE:

- a CB FOR THIS CIRCUIT SHALL BE ELCB WITH 30mA SENSIBILITY.