


MAIN DISTRIBUTION BOARD LOAD SCHEDULE				MDB		
PANEL NO.	MDB	LOCATION	អគារលេខ ២			
CAPACITY	6 FEEDER	MOUNTING	SURFACE			
CONNECTED TO	TR. 160 kVA	Ic	> 18 kA AT 230V./400V.			
CCT. No.	LOAD DESCRIPTION	CONNECTED LOAD (VA)	BRANCH CB.		CONDUCTOR & CONDUIT	
			POLE	AT		
1	LC21	85,500	3	150	250	4x70/16g sqmm. IEC 60502-1 n 2-1/2" PVC
2	DBF (WATER PUMP)	10,000	3	50	100	4x10/4 sqmm. IEC 60502-1 n 1-1/4" PVC
3	SPARE	5,000	3	30	100	
4	SPARE	5,000	3	30	100	
5						
6						
TOTAL CONNECTED LOAD (VA)		105,500	MAIN CIRCUIT BREAKER		MAIN FEEDER	
		105,500	250A/1/250kV. 3P		4x95 sqmm. IEC 60502-1 FREE AIR.	

PANEL BOARD LOAD SCHEDULE				LC21					
PANEL NO.	LC21	LOCATION	អគារលេខ ២						
CAPACITY	42 celta	MOUNTING	SURFACE						
CONNECTED TO	MDB	Ic	> 6 kA AT 230V./400V.						
CCT. No.	LOAD DESCRIPTION	CONNECTED LOAD (VA)		BRANCH CB.	CONDUCTOR	CONDUIT			
		PH-L1	PH-L2				POLE	AT	SIZE sqmm.
1	LIGHTING F.1	1,000		1	16	2x2.5	IEC 01	1/2	PVC
3	LIGHTING F.1		1,000	1	16	2x2.5	IEC 01	1/2	PVC
5	LIGHTING F.1		1,000	1	16	2x2.5	IEC 01	1/2	PVC
7	LIGHTING F.1	1,000		1	16	2x2.5	IEC 01	1/2	PVC
9	LIGHTING F.2		1,000	1	16	2x2.5	IEC 01	1/2	PVC
11	LIGHTING F.2		1,000	1	16	2x2.5	IEC 01	1/2	PVC
13	LIGHTING F.2	1,000		1	16	2x2.5	IEC 01	1/2	PVC
15	LIGHTING F.2		1,000	1	16	2x2.5	IEC 01	1/2	PVC
17	SPARE		1,000	1	16				
19	FUJ/ODU-01		3,000	1	20	2x4/2.5	IEC 01	1/2	PVC
21	FUJ/ODU-02		3,000	1	20	2x4/2.5	IEC 01	1/2	PVC
23	FUJ/ODU-03		3,000	1	20	2x4/2.5	IEC 01	1/2	PVC
25	FUJ/ODU-04		3,000	1	20	2x4/2.5	IEC 01	1/2	PVC
27	FUJ/ODU-05		3,000	1	20	2x4/2.5	IEC 01	1/2	PVC
29	FUJ/ODU-06		3,000	1	20	2x4/2.5	IEC 01	1/2	PVC
31	FUJ/ODU-07		3,000	1	20	2x4/2.5	IEC 01	1/2	PVC
33	FUJ/ODU-08		3,000	1	20	2x4/2.5	IEC 01	1/2	PVC
35	FUJ/ODU-09		3,000	1	20	2x4/2.5	IEC 01	1/2	PVC
37	FUJ/ODU-10		3,000	1	20	2x4/2.5	IEC 01	1/2	PVC
39	FUJ/ODU-11		3,000	1	20	2x4/2.5	IEC 01	1/2	PVC
41	FUJ/ODU-12		3,000	1	20	2x4/2.5	IEC 01	1/2	PVC
2	RECEPTACLE F.1	1,500		1	16(RCD)	2x2.5/2.5	IEC 01	1/2	PVC
4	RECEPTACLE F.1		1,500	1	16(RCD)	2x2.5/2.5	IEC 01	1/2	PVC
6	RECEPTACLE F.1		1,500	1	16(RCD)	2x2.5/2.5	IEC 01	1/2	PVC
8	RECEPTACLE F.1	1,500		1	16(RCD)	2x2.5/2.5	IEC 01	1/2	PVC
10	RECEPTACLE F.1		1,500	1	16(RCD)	2x2.5/2.5	IEC 01	1/2	PVC
12	RECEPTACLE F.1		1,500	1	16(RCD)	2x2.5/2.5	IEC 01	1/2	PVC
14	RECEPTACLE F.2	1,500		1	16	2x2.5/2.5	IEC 01	1/2	PVC
16	RECEPTACLE F.2		1,500	1	16	2x2.5/2.5	IEC 01	1/2	PVC
18	RECEPTACLE F.2		1,500	1	16	2x2.5/2.5	IEC 01	1/2	PVC
20	RECEPTACLE F.2	1,500		1	16	2x2.5/2.5	IEC 01	1/2	PVC
22	RECEPTACLE F.2		1,500	1	16	2x2.5/2.5	IEC 01	1/2	PVC
24	FUJ/ODU-13		3,000	1	20	2x4/2.5	IEC 01	1/2	PVC
26	FUJ/ODU-14		3,000	1	20	2x4/2.5	IEC 01	1/2	PVC
28	FUJ/ODU-15		3,000	1	20	2x4/2.5	IEC 01	1/2	PVC
30	FUJ/ODU-16		3,000	1	20	2x4/2.5	IEC 01	1/2	PVC
32	FUJ/ODU-17		3,000	1	20	2x4/2.5	IEC 01	1/2	PVC
34	FUJ/ODU-18		3,000	1	20	2x4/2.5	IEC 01	1/2	PVC
36	FUJ/ODU-19		3,000	1	20	2x4/2.5	IEC 01	1/2	PVC
38	FUJ/ODU-20		3,000	1	20	2x4/2.5	IEC 01	1/2	PVC
40									
42									
TOTAL CONNECTED LOAD (VA)		30,000	27,000	28,500	MAIN CIRCUIT BREAKER		MAIN FEEDER		
		85,500			150A/1/250kV. 3P-18kA		4x70/16g sqmm. IEC 60502-1 n 2-1/2" PVC		

\* អង្គការប្រតិបត្តិការ ២៤.៤.៥.១០.១២ ត្រូវ ៨៦ គ្រប់ RCD ការពារអគ្គិសនី និង កំហុស  
 ទាំងអស់នៃប្រព័ន្ធគ្រប់គ្រង និង ប្រព័ន្ធគ្រប់គ្រង ២.៥ sqmm. ការពារអគ្គិសនីប្រព័ន្ធគ្រប់គ្រង ១.៥ sqmm.

	PROJECT		ឈ្មោះគម្រោង		គម្រោងស្ថាប័ន		
	ឈ្មោះគម្រោង		ស្ថាប័ន		ស្ថាប័ន		
LOCATION		ស្ថានីយ៍		ស្ថានីយ៍		ស្ថានីយ៍	
OWNER		អ្នកកាន់កាប់		អ្នកកាន់កាប់		អ្នកកាន់កាប់	
ARCHITECTS		អ្នករៀន/ARCHITECT		អ្នករៀន/ARCHITECT		អ្នករៀន/ARCHITECT	
ENGINEER		អ្នកប្រឆាំង/STRUCTURAL		អ្នកប្រឆាំង/ELECTRICAL ENG.		អ្នកប្រឆាំង/SMITARY ENG.	
		ឈ្មោះ ឈ្មោះ		ឈ្មោះ ឈ្មោះ		ឈ្មោះ ឈ្មោះ	
DRAWING		ចំណាត់ការ/DRAWING		ចំណាត់ការ/DRAWING		ចំណាត់ការ/DRAWING	
		ឈ្មោះ ឈ្មោះ		ឈ្មោះ ឈ្មោះ		ឈ្មោះ ឈ្មោះ	
DESCRIPTION		DATE		DATE		DATE	
GENERAL NOTE		GENERAL NOTE		GENERAL NOTE		GENERAL NOTE	
DRAWING NO.		DRAWING NO.		DRAWING NO.		DRAWING NO.	
E - 05		E - 05		E - 05		E - 05	