



LEGEND -- ELECTRICAL POWER.	
SYMBOL	DESCRIPTION
	13A TWIN SWITCH SOCKET OUTLET
	13A SINGLE SWITCH SOCKET FOR TV POINT WITH CABLE@ 1800 AFFL.
	15A SWITCH SOCKET OUTLET
	20A SWITCH SOCKET OUTLET
	HOT WATER HEATER
	20A DP SWITCH & CABLE OUTLET FOR A/C
	TELEPHONE OUTLET POINT
	30A. COOKER CONTROL UNIT.
	CONSUMER CONTROL UNIT

ACCESSORIES & LIGHT FITTING MOUNTING HEIGHT  
 A/C switch 1000mm AFFL.  
 16A switch socket 1500mm AFFL.  
 13amps Switch outlet: 600mm AFFL.  
 Cooker unit control 815amps socket outlet to the kitchen 1400mm AFFL.

② ELECTRICAL POWER LEGEND

LEGEND -- ELECTRICAL LIGHTING.	
SYMBOL	DESCRIPTION
	1200MM MIRROR LIGHT 2011 GLAMOUR LIGHTING 7146
	MAX 40W BI-PIN COMPACT FLUORESCENT SURFACE MOUNTED SPLASH PROOF DOMICULAR E27 LAMP HOLDER IN THE TOILETS AND SHOWERS
	80W/120V LOW VOLTAGE DOWN LIGHT/LED ROUND PUCK.
	1200MM FLUORESCENT BATTEN FITTING, STICCO.
	1200MM FLUORESCENT WATERPROOF FITTING,STICCO.
	2000MM LOW ENERGY WALL BRACKET IN THE FAMILY LIVINGROOM WITH E27 LAMP HOLDER.
	1240MM LOW VOLTAGE SPOT LIGHT FITTING IN THE BEDROOMS WITH E27 LAMP HOLDER.
	3000MM PENDANT LIGHTING FITTING COMPLETE WITH E27 LAMP HOLDER FOR DINING
	FAN REGULATOR
	CEILING FAN
	EXTERNAL WALL LIGHT BI-PIN COMPACT FLUORESCENT LAMP, MAX 40W WITH E27 LAMP HOLDER 400MM DIAMETER
	MAX 40W BI-PIN COMPACT FLUORESCENT WALL BRACKET FOR BEDROOMS COMPLETE WITH E27 LAMP HOLDERS.
	10 GANG 1-WAY SWITCH
	10 GANG 2-WAY SWITCH
	20 GANG 2-WAY SWITCH
	300W DIMMER SWITCH

ACCESSORIES & LIGHT FITTING MOUNTING HEIGHT  
 Lighting fixture 1500mm AFFL.  
 16A brackets 300mm from the ceiling level  
 Batten/fit 1400mm AFFL.

① ELECTRICAL LIGHTING LEGEND

project  
 proposed dimeoyin college

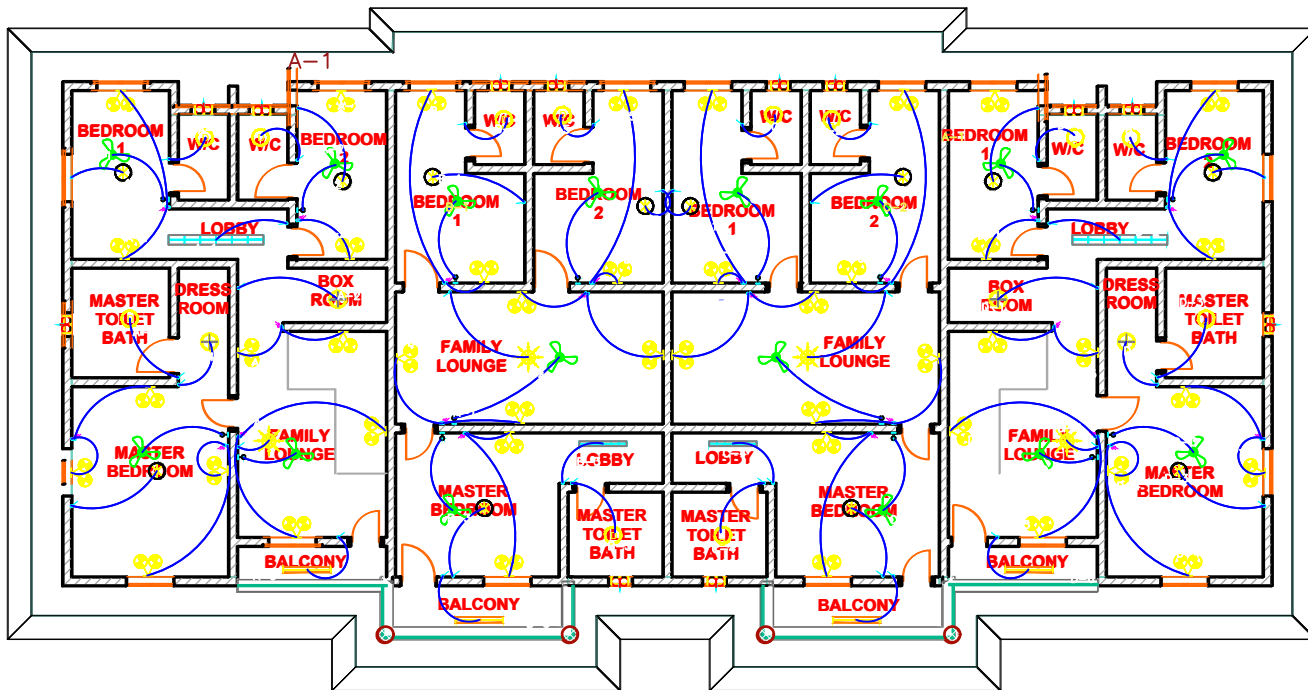
client  
 Al-hijrah college

Electrical design  
 drawing title  
 ELECTRICAL LEGEND

design: draw: date: issue:  
 Engr:smal: Abdul-Malik: 1:100: JULY 2018

Engineers  
 dimeotech consulting engineers

services we render



## FIRST FLOOR PLAN

project

proposed dimeoyin college

client

Al-hijrah college

Electrical design

Sheet no.

drawing title  
ELECTRICAL LIGHTING LAYOUT

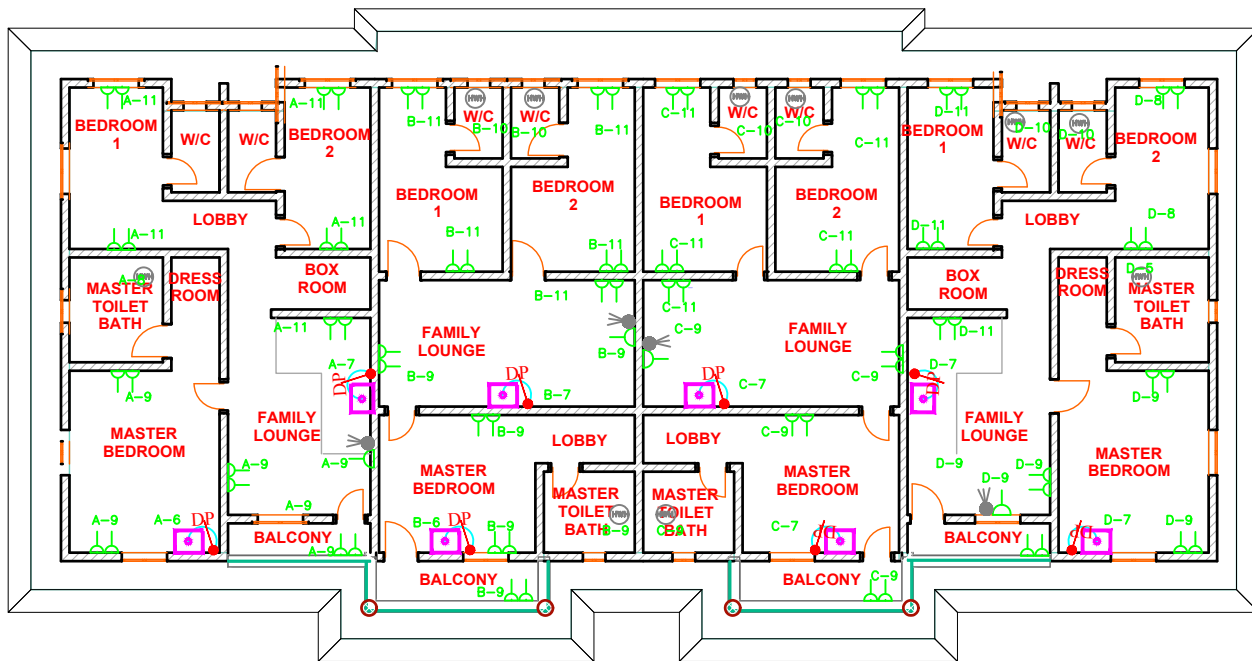
design Engr Small  
drawn Abdul Malik  
date 1:100  
sheet JULY 2016

Engineers

dimeotech consulting engineers

our services

we specialised on electrical and mechanical building services



## FIRST FLOOR PLAN

<b>project</b> proposed dimeoyin college	<b>client</b> Al-hijrah college	<b>Electrical design</b> drawing title Electrical power layout	<b>Engineers</b> dimeotech consulting engineers
		design: Engr Ismail    draw: Abdul Malik    date: 1/100	sheet no:    date: JULY 2018    our services: we specialised on electrical and mechanical building services

CCU REFERENCE CODE: CCU-A REF PANEL: P-A,B,C&D  
 DB LOCATION: UNKNOWN PANEL LOCATION: UNKNOWN  
 DB INCOMING DEVICE RATING: 90 (AMPS)  
 DB BUSBAR RATING:

NUMBER	CCT CODE	MCB RATING (AMPS)	CABLE RATING(m m2)	LOAD PER POINT (W)	DIVERSITY FACTOR	POINT PER CCT	LOAD PER PHASE			DESCRIPTION	
							YELLOW	BLUE	RED		
1	A-1	10	1.5	100	1	11	1100			LIGHTING CCT	
2	A-2	10	1.5	100	1	8	800			LIGHTING CCT	
3	A-3	10	1.5	100	1	8	800			LIGHTING CCT	
4	A-4	30	2.5	300	0.9	7	2100			LIGHTING CCT	
5	A-5	20	4	2000	1	8	16000			LIGHTING CCT	
6	A-6	20	4	2000	1	1	2000			A/C	
7	A-7	20	4	2000	1	1	2000			A/C	
8	A-8	20	4	2000	1	1	2000			HWH	
9	A-9	20	4	2000	1	1	2000			13A SOCKET	
10	A-10	30	2.5	2000	1	1	2000			SPARE	
11	A-11	30	2.5	2000	1	1	2000			13A SOCKET	
12	A-12	30	2.5	2000	1	1	2000			SPARE	
							<b>TOTAL LOAD (W)</b>	<b>34800</b>			
							<b>TOTAL LOAD (KW)</b>	<b>34.8</b>			
							<b>TOTAL CURRENT (A)</b>	<b>60.51743785</b>			

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MAIN PANEL: SUM DB-S			CABLE RATING OF THE MAIN: 4 × 1 C 35 mm PVC/ PVC COPPER CABLE						
POWER FACTOR :		0.8	EARTH CABLE RATING OF THE MAIN: 1 × C35 mm2 PVC/ PVC COPPER CABLE						
VOLTAGE SYSTEM: 415-3 PHASE									
MCCB, TP & N ELCB MAIN ELECTRICAL PANEL									
LOCATION: UNKNOWN									
NUMBER	CCU CODE	MCB RATINGS (A)	CABLE RATING (mm <sup>2</sup> )	LOAD/POINT (KW)	NUMBER OF POINTS	LOAD/PHASE (W)			DESCRIPTION
						YELLOW	BLUE	RED	
1	CCU-A	40	6	34.8	1	34800			
2	CCU-B	40	6	34.8	1		34800		
3	CCU-C	40	6	34.8	2			69.6	
TOTAL LOAD PER PHASE (W)						34800	34800	69.6	
TOTAL CONNECTED LOAD (W)						69669.6			
TOTAL CONNECTED LOAD (KW)						69.6696			
TOTAL CURRENT (AMP)						121.1559			

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MAIN PANEL

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Engineers

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