

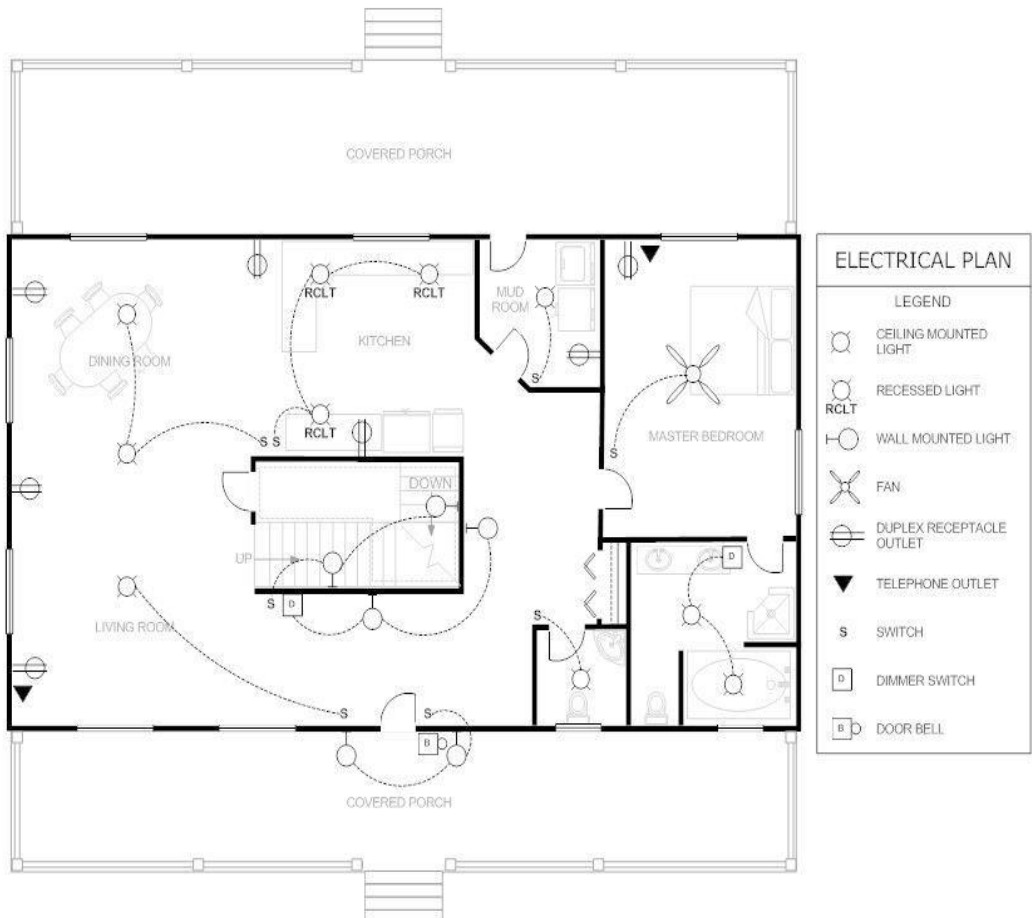
ELECTRICAL FLOOR PLAN

ELECTRICAL PLAN

Electrical plan is a graphical presentation of electrical wiring connections to install in a particular house or building. It indicates the position of electrical fixtures such as convenience outlets, switches, lightings, doorbells, and others to be installed.












































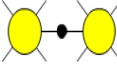


Electrical Floor Plan, illustrates the design of the area, including the details of connection of the different electrical device in a certain area. Electrical floor plan consists of legend to clearly represents what is inside the area. Location of every device is much more emphasize in the floor plan. It is important to be familiar to the different electrical symbol to create and illustrate floor plan.



























The following are different electrical symbols used in an electrical plan.

Lightings

Contains special shapes to develop the electrical and telecommunication floor plans, reflected ceiling plans for the location of light fixtures, light plan design.








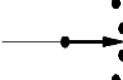
	Ceiling mounted luminaire		Recessed Ceiling Light		Spotlight, Single Head		Inground Light, Floor Mounted
	Enclosed ceiling luminaire		Ceiling Fan		Spotlight, Double Head		Suspended Light
	Wall light		Ceiling Light with Pull Cord		Exit Sign, Pendant Mounted		Suspended Lights
	Down lighter		Weatherproof of Landscape Light		Exit Sign, Wall Mounted		Integrated Light
	Outdoor lightning Standard or ballard can be specified.		Wall Light Outlet		Light, Pole Mounted		Lights, Track Mounted
	Multi-light bar Light bar with glass globes. Number of globes can be specified.						
	Batten fluorescent fixture One-, two-, or three-lamp configuration can be specified.						
	Surface Fluorescent Light		Control Keypad lighting		Light Flood, Pole Mounted		Night Light
	Modular fluorescent fitting		Emergency Battery Unit		Light Flood, Wall Mounted		Roadway Light, Cobra Head
	Emergency light		Emergency Battery Unit with two Lights				Louvers
	Illuminated emergency sign		Emergency Single Light, Remote Mounted		Light, Stanchion Mounted		Light, Directional Accent
	Emergency Light, Recessed						Light, Directional Aiming Line
	Light, Surface Mounted		Emergency Duplex Light, Remote Mounted		Twin Lights, Pendant Mounted		Light, Directional Arrow
	Ceiling Light Outlet						

Convenience Outlet

 Audio Amplifier	 Duplex Ground Fault Interrupter	 Special purpose Outlet	 Lamp Holder	 Television outlet
 Single Outlet and Switch	 Split Wired Duplex Outlet	 Duplex Special purpose Outlet	 Lamp holder with pull switch	 Floor TV Outlet
 Emergency Circuit Single Outlet	 240v Outlet	 Special purpose connection or provision for connection	 Pull Switch	 TV Feed
 Duplex Convenience Outlet	 Floor Mounted Outlet	 Multi-outlet Assembly	 Vapor discharge lamp outlet	 Weatherproof TV Outlet
 Emergency Circuit Duplex Outlet	 Floor Special purpose Outlet	 Data/Voice, Power Floor Mounted Outlet	 Exit Light Outlet	 TV and Phone Outlet
 Weatherproof Convenience Outlet	 Heavy Duty Outlet	 Clock Hanger Outlet, Mounted	 Floor Receptacle	 Door Phone Outlet
 Range Outlet	 Heavy Duty Outlet with Convenience Outlet	 Blended Outlet	 Telephone outlet	 Rex Outlet
 Switch and Convenience Outlet	 Triplex Outlet	 Drop Outlet	 Floor Phone Outlet	 Riser Outlet
 Red and Convenience Outlet	 Split Wired Triplex Outlet	 Electric Outlet	 Wall Phone Outlet	 Multi-Purpose Outlet
 Red Outlet	 Quad duplex Outlet	 Fan Outlet	 Weatherproof Phone Outlet	 Local Area Network Outlet
 Dedicated Duplex Outlet	 Emergency Circuit Quad duplex Outlet	 Junction Box	 Phone Feed	 Wall Mounted Data Outlet
			 Computer Data Outlet	 Wall Mounted Data/Telephone Outlet

SWITCHES

SINGLE LINE SWITCH SYMBOLS:

SINGLE POLE SINGLE THROW	S	SPST		PUSH BUTTON NORMALLY OPEN	NO	
DOUBLE POLE SINGLE THROW	S ₂	DPST		PUSH BUTTON NORMALLY CLOSED	NC	
SINGLE POLE DOUBLE THROW	S ₃	SPDT		PUSH BUTTON TWO-POSITION	NC-NO	
DOUBLE POLE DOUBLE THROW		DPDT		MULTI-POSITION SWITCH		

-
- Single pole S
 - 3 way S₃
 - 4 way S₄
 - Weather proof S_{WP}
 - Dimmer S_D
 - Special S_{A, B, C, ETC.}
 - Branch circuits/Switch leg connectors

Sometimes switches are represented by the S with corresponding variable to illustrate different types of switches.