

# New Home Construction Electrical Checklist

From [AMBER ELECTRICAL](#)

---

## USE THIS CHECKLIST TO HELP ORGANISE YOUR ELECTRICAL AND LIGHTING PLAN

This is an interactive checklist, so you can use it on your phone!

---

### LIVING ROOM

The living room is usually the centre for entertainment in the home. Think about where your TV will go. Do you have a multi-media system (TV, stereo, components, etc...). If the TV will be wall-mounted, you will want to get a power point installed that is behind the TV. This will prevent cables from being visible behind the TV. If the TV is going to be on a table, you can also have a power point installed so it is placed higher up on the wall behind the TV.

If you have a multi-media set-up it's a good idea to get 2 more power points (in addition to the one behind the TV) down near the floor. This way you will definitely have enough power for all the components of your system.

Try to imagine where your couch will sit and be sure to place power points on either side of the couch as well. This ensures you have enough power for lamps and other electronics. Again, a power point with USB port is a great way to make charging phones easy and convenient.

It's also a good idea to have an extra power point in the living room somewhere. This just ensures you have enough in case you decide to rearrange things a bit.

- Power point / outlet for wall-mounted TV or TV on a stand?
  - Power point(s) / outlet(s) for entertainment centre / audio system
  - Power point(s) / outlet(s) for lamps
  - Extra Power point(s) / outlet(s)?
  - Ceiling light(s)
  - Wall lights / sconces?
  - Ceiling fan?
  - Air Conditioner?
- 

### KITCHEN & DINING ROOM

A good power point plan is essential for kitchens. Make sure to plan out where your counter-top appliances will be placed. It's always a good idea to have at least 2 power points on each wall where there will be counter space.

Are you going to have some dedicated counter top appliances such as an espresso machine, microwave oven, or food processor? Think about where you want those types of appliances to be and make sure you plan to install enough easily accessible power points to run them all without having to use extension cords or power boards.

If you have a bar or island bench, consider installing power points below the counter. Even better – install power points with USB ports. This comes in handy for powering and charging laptops and other electronic devices.

Of course, your refrigerator will need a standard power point and depending on the type of oven you get, you'll need a power point for that as well.

- Power point(s) / outlet(s) for counter-top appliances
  - Power point(s) / outlet(s) under the counter / bar?
  - Power point / outlet for refrigerator
  - Power point / outlet for oven
  - Gas oven?
  - Ceiling light(s)
  - Lighting under cupboards?
- 

## MASTER BEDROOM

Imagine where your bed will be in the Master bedroom. Do you have a king or queen size bed? Get the dimensions of your bed if possible and once you decide where it will be in your room, think about putting a power point on each side of the bed. This way you and your partner can each have a power point for lamps, laptops, etc... Also consider getting a power point with a USB port to make charging your phone easier. Make sure you have at least 2 sockets in each power point – if possible, try to get a power point with 4 sockets installed. We all know more power sockets is better than not enough! If you can avoid having to use a power board, all the better.

Will the Master bedroom have a TV? Figure out where the TV will be placed and also whether it will be wall mounted or sit on a table. If the TV will be wall-mounted, you will want to get a power point installed that is behind the TV. This will prevent cables from being visible behind the TV. If the TV is going to be on a table, you can also have a power point installed so it is placed higher up on the wall behind the TV. You can also put the power point down closer to the floor.

Is there going to be a vanity in the Master bedroom? If yes, you will want a power point installed near where the vanity mirror will be.

Depending on the size of the Master bedroom closet people sometimes find a power point in the closet to be helpful.

- Power point(s) / outlet(s) on either side of the bed – where will the bed go?
  - Power point / outlet for vanity area
  - Power point(s) / outlet(s) in closet?
  - Ceiling light(s)
  - Ceiling fan?
  - Air Conditioner?
-

## **OTHER BEDROOMS / KIDS / GUEST**

In children's bedrooms and guest rooms, think about where the bed(s) will be placed and make sure there is a power point next to the bed. Again, look at getting a power point with a USB port to make phone charging as easy as possible.

Generally one more power point is all that is necessary in most children's and guest bedrooms.

- Power point / outlet near bed
  - Extra power point / outlet?
  - Ceiling light
  - Ceiling fan?
  - Air Conditioner?
- 

## **DEN / STUDY / RUMPUS ROOM**

Identify where you will place your desk(s) and install at least one power point on the wall in a spot that will be easily reached. If possible, get a power point with 4 sockets and a USB port to ensure you have enough power for all your office equipment and devices.

If possible, try to have your office built so it shares a wall with the living room. Have the NBN box installed behind where your desk will be and near the power point(s) in the office so that it's not an eyesore in your living room. Since the router will be very near your living room there will be no dramas in getting the wi-fi signal to reach your TV.

If you have a large home, you will need to think about getting a wi-fi extenders placed here and there so the signal is able to reach every corner of your home.

Most new homes don't need a landline, but there are still some internet providers that require a landline be installed for service. Also, landline placement is important to consider for people with medical devices that must always be connected to power and / or the internet. The best place to have your landline sockets placed is in the office and / or kitchen.

- Power point(s) / outlet(s) for office equipment (make sure you have enough!)
  - Ceiling light(s)
  - Ceiling fan?
  - Internet / NBN box?
  - Phone / land line?
  - Air Conditioner?
-

## LAUNDRY

Obviously you'll need a power point placed near your washer / unit(s). It's always a good idea to have at least one more power point on the wall next to the sink – not above the sink, next to it!

- Power point / outlet for washer & dryer
  - Extra power point(s) / outlet(s) – NOT above the sink!
- 

## GARAGE

It's always a good idea to have at least 2 power points on each wall of the garage. Try to space them out a bit here so it is easy to power tools at every point in the garage.

Do you plan on having a work bench in the garage? Install a row of power points under the work bench. You'll also want at least one power point on the wall above the work bench so you can plugin a stereo or TV.

- Power points / outlets on walls
  - Power point(s) / outlet(s) for work bench
  - Power point for TV and / or stereo?
  - Ceiling light(s)
  - Lights above work bench
- 

## HALLWAY(S) & STAIRWAYS

It's a good idea to have at least one power point installed near the floor and about half way down each of your hallways.

- Power point(s) / outlet(s)
  - Ceiling light(s)
- 

## HOME SECURITY SYSTEM

Are you going to install a home security system? Will it be an external system, internal or both?

For external security systems, think about where you want motion activated security lights. Where should cameras go?

For inside the home, do you want an intruder alarm system that is set when you leave and / or at night? You'll want to designate a space near the front door for the keypad.

If you decide you want cameras in the home as well, decide where these will be placed. These are most often placed on both ends of hallways, one in the living room and potentially one in the office / study.

- Security System control panel
  - Indoor camera(s)
  - Outdoor camera(s)
  - Motion detector(s)
  - Outdoor lights(s)
- 

## **SMART HOME**

If you wish to control the various lights, power points, appliances, electronic devices, security system, etc... in one central location then you may want consider all that we discussed above be installed as a smart home system.

By connecting all these systems to a smart home system you can run all electrical aspects of your home from your phone, tablet or computer.

It's easier to seamlessly integrate a smart home system into a home as it is being built. To do so requires careful planning and forethought. It's not impossible to modify existing homes so they become smart homes, it just requires a bit more work and resources.

If you are building a new home or renovating an existing home, please get in touch with the professional electricians at Amber Electrical Services to find out how help create the perfect electrical plan. We'll help make sure everything is thought through and the plan is executed on time and in budget!

- Wall-mounted control panel (may be integrated with alarm system)