

# Measurement Guide

We need your room dimensions at two points along the journey. Initially we just need your basic room dimensions and some photographs so that we can start to design your kitchen. Later on, before we build your kitchen, we will require more detailed measurements so our engineers can make sure that your kitchen will fit perfectly







Before we start to design your kitchens:

- Record overall room dimensions (Step 1)
- Take photographs (Step 2)

Before we start to build your kitchen:

- Mark your utility connections (Step 3)
- Record your room elevations (Step 4)
- Measure your existing appliances (Step 5)
- Additional considerations such as access (Step 6)

## What you need to begin

<p>Laser Measure <i>(Recommended)</i></p> 	<p>Tape Measure</p> 	<p>Pencil</p> 	<p>Graph Paper</p> 	<p>Camera</p> 	<p>Ruler</p> 
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## Important Notes

- All measurements are in millimetres (mm)
- When rounding go to the nearest millimetre
- Wall and opening measurements should be rounded down
- Appliance measurements should be rounded up

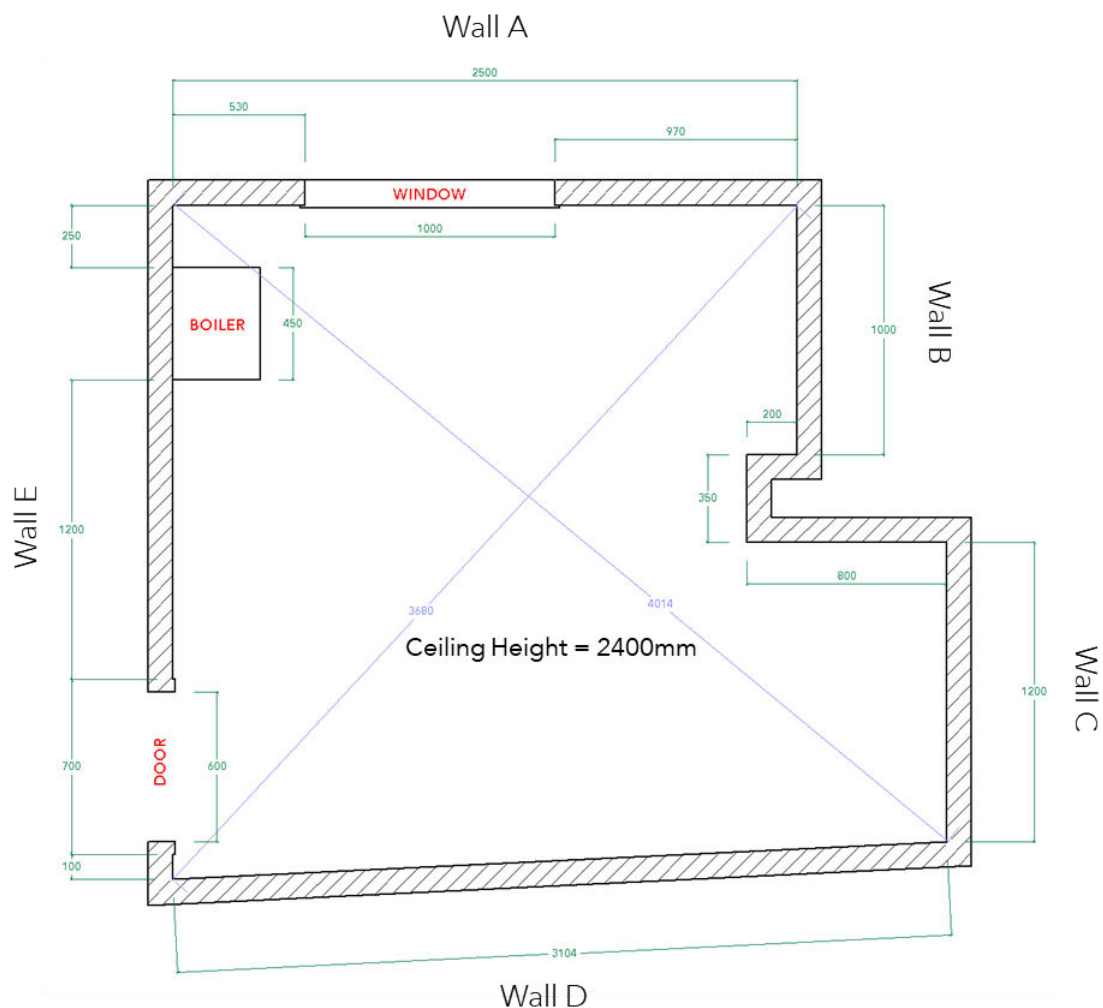
## Step 1: Overall Room Dimensions

Draw the space from above, from a bird's eye view. Show everything: walls, corners, windows, doors and any other architectural features.

Measure the overall dimensions of the kitchen space, recording these measurements on your graph paper.

*Note:* it is best to take these dimensions at worktop height (900mm) where possible.

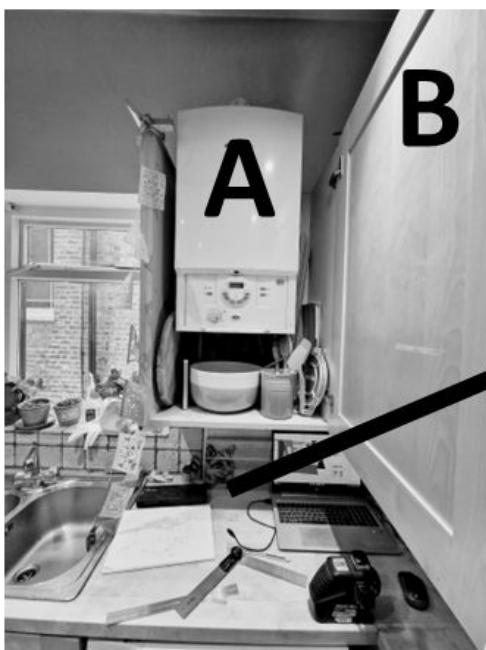
- Create a Plan View drawing of the room(s). Include doors, windows and fixtures i.e. Pillars, boilers.
- Label each wall A, B, C and so on. Start measuring, working around the room in one direction.
- Measure the length and width of each wall, including any nooks and alcoves.
- Measure the room diagonally corner to corner if possible (It's very rare that walls are perfectly 90 degrees to each other. Over long distances this can significantly affect the design, this will help us determine the angle of the walls)
- Record all these measurements on your drawing.
- Ceiling Height: Measure the height of the ceiling from the floor. Find the lowest point and record this in the centre of your drawing. More detailed ceiling measurements will be recorded later.



## Step 2: Take Photos

Take photos of your space, if possible label them to correspond with your 'Plan View' drawing (A, B, C etc).

The more photos the better, try to show any details that might affect the kitchen, like existing pipe work.



## Step 3: Utility Connections

Create a new plan view drawing, this will become your Mechanical & Electrical document (M&E). On this drawing record the position of any utility connection including:

### Electrical Outlets:

- Identify and measure the distance between electrical outlets. Record their height from the floor and distance from the nearest wall.

### Plumbing Connections:

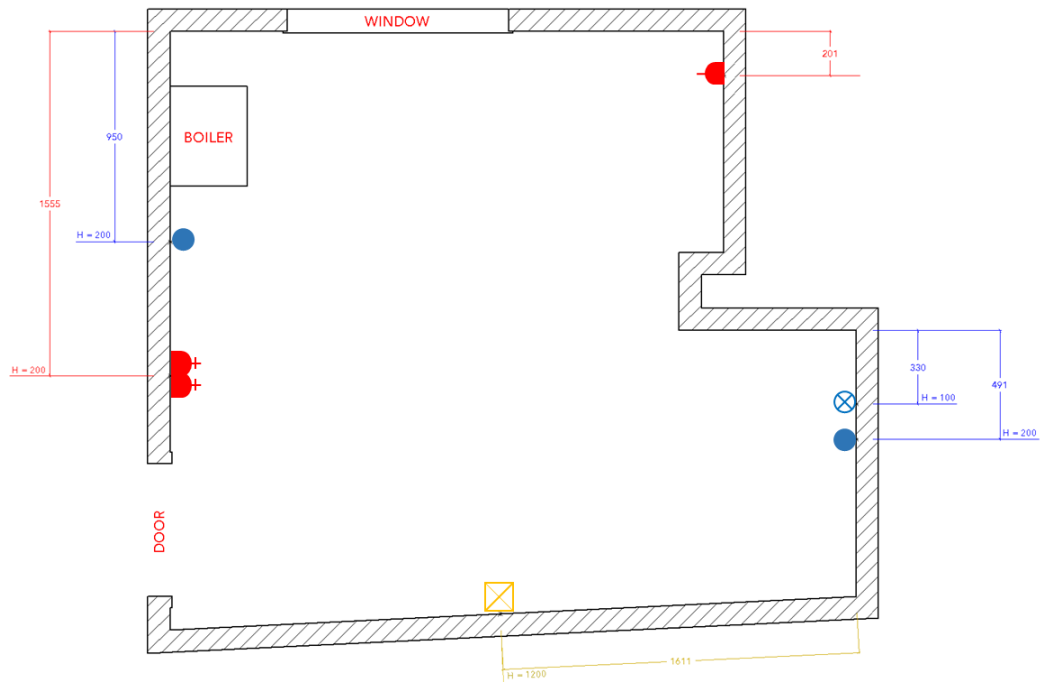
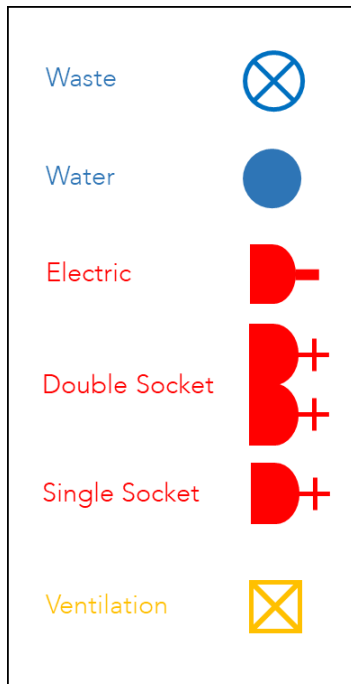
- Locate and measure the distance between water supply and drainage points for sinks and other appliances. Record their height from the floor and distance from the nearest wall.

### Extraction:

- Measure position of any ventilation outlet and ventilation route. Record their height from the floor and distance from the nearest wall.

Use the symbols key below. Add them to your drawing and note their position on the wall, including height from floor. Measure to the centre point of each.

*Tip: If you've got an architect or a designer on the project check to see if you have an existing M&E drawing.*



## Step 4: Room Elevations

Elevation drawings are a straight-on view of each wall, with all the features measured vertically and horizontally, placing them on the wall space. This helps your designer locate your new cabinets and appliances along your walls.

Create an elevation drawing of each wall. Labelling each to correspond with your 'Plan View' drawing (A, B, ..)

Wall:

- Measure the width of the walls between any doors and windows (including alcoves).

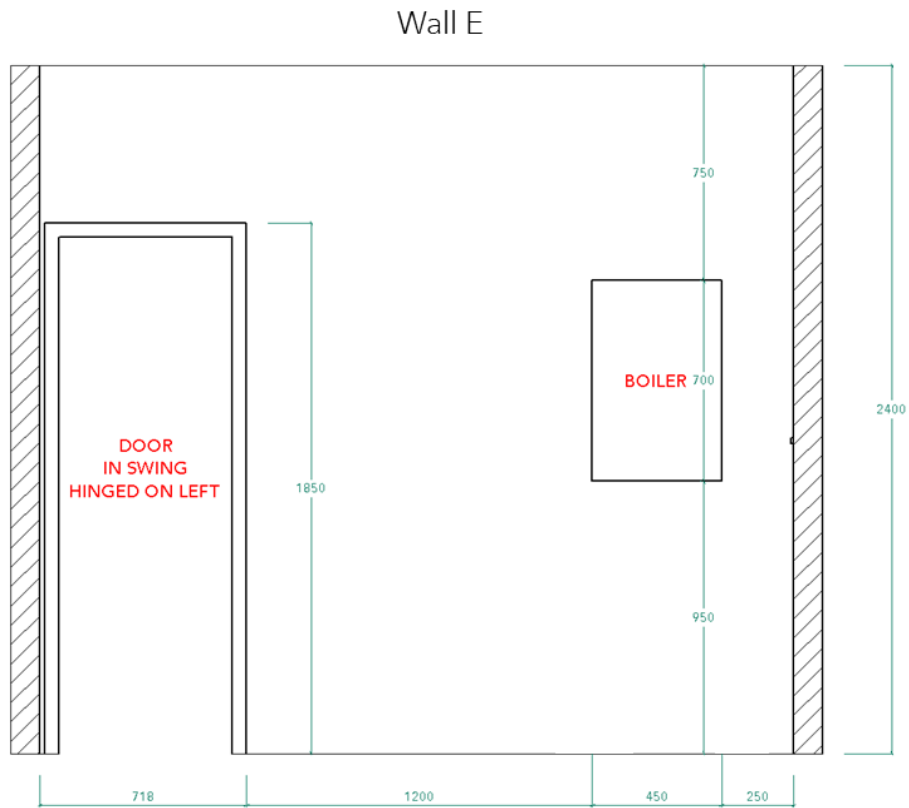
Doors & Windows

- Measure the width and height of each (take the external measurement, including architraves around the door and window frames).
- Note any door swing directions (inward/outward) and the side on which the hinges are located.
- Record any window sill heights from the floor and the distance from adjacent walls. To accurately measure the height, start from the floor and end at the sill, then measure the thickness of the sill.

Ceiling:

- Measure the ceiling height ensuring to include any changes in floor level, steps and beams.

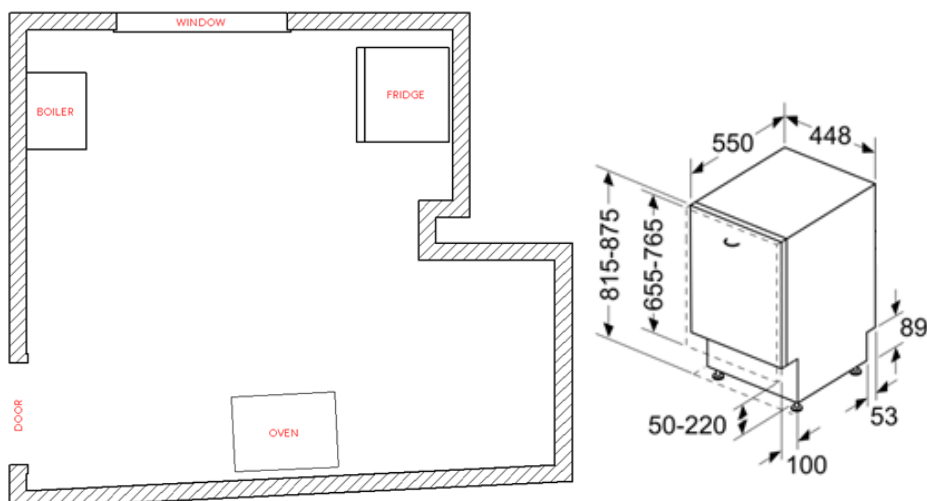
*Tip: As a check; for each wall elevation add up any door, window and wall dimensions and these should add up to the dimensions shown on your plan view drawing for the same wall.*



## Step 5: Measure your existing Appliances

### Appliance location

Once you have completed your measurements, if applicable, note where your white goods are or where you would prefer to have them in the kitchen. Create a new plan view drawing for this.



## Appliance Measurements

Send us appliance make/model numbers along with dimensions. Note these on the drawing.

It is your responsibility to ensure existing appliances or those not supplied by us will fit in the space provided. If available please note these dimensions in advance. Alternatively, generic spaces for client supplied appliances will be given in our technical drawings later for you to check, but it would be beneficial to supply accurate measurements at this stage to avoid appliances not fitting.

*Tip: If the appliance can be found online there may be dimensions already provided by the manufacturer - search for it using the appliance name and model number.*

### Existing Appliances:

- Measure the dimensions of existing appliances (stove, refrigerator, dishwasher, etc.).
- Include the space needed for door swings and ventilation.

### Space for New Appliances:

- Any appliances supplied by Sustainable Kitchens will be checked.
- It is the clients responsibility to ensure appliances not supplied by Sustainable Kitchens will fit in the space provided.

## Step 6: Additional Considerations

We recognise the room being measured might still require building work, and therefore the dimensions of the room may change. For example, if you are having a new floor or freshly plastered walls we call this floor/wall build up. It is essential that this is taken into consideration and recorded.

### Floor and Wall Build Up:

- Consider any possible floor or wall build up for example from: New insulation, new plaster board, re-skimming walls, new floor. Record this on your drawings.

### Wall Material:

- It is important for us to know what material the walls are made from. Especially if there are to be large cabinets or shelves fixed to them. Typically walls will be made from brick or wooden studs with plaster board. Please make a note of this in your drawings.

### Accuracy is Key:

- Double-check all measurements to ensure accuracy before submitting your room dimensions. It is crucial these are correct as the cabinetry will be designed to fit these dimensions.

Access:

- If you are expecting large cabinets or appliances, bear in mind clear access to the space will be needed when these are delivered.

*Tip: If you've got an architect or a designer on the project, that's great! Please ask them for a .PDF or a .DWG file of your project and we'll take the measurements we need from there.*

## Step 7: Submit your measurements!

Please take clear photos of your measurements and submit your measurements via email to [hello@sustainablekitchens.co.uk](mailto:hello@sustainablekitchens.co.uk)

Include any photos taken and appliance details if not already noted on your drawings.