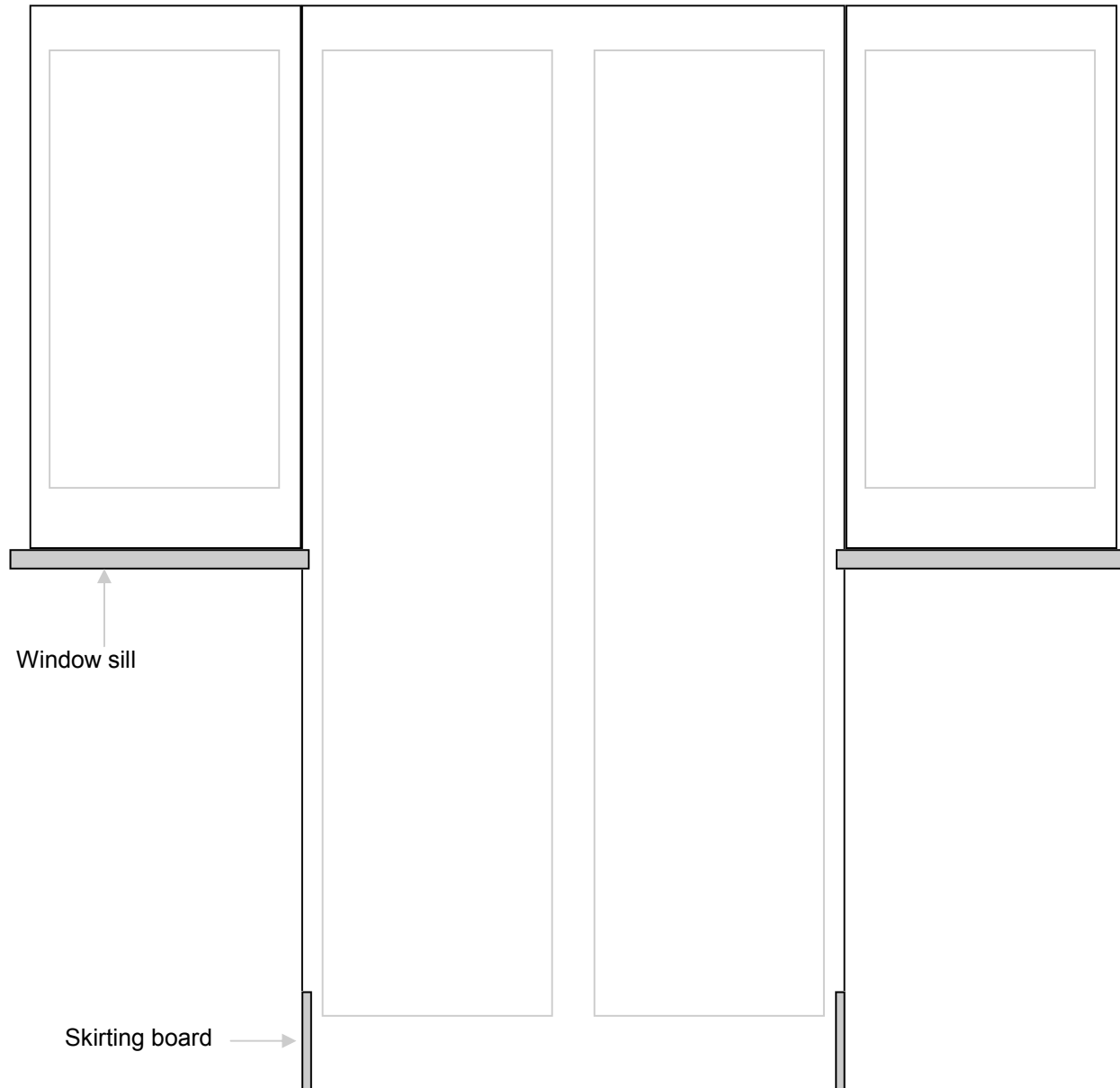


## 10.0: French doors

### MEASURING: HOW TO MEASURE A FRENCH DOOR

Front view



#### How to measure French doors

French doors can vary in design. In this example there are 3 sections. 2 side windows and the centre door.

Measuring is quite technical so it's broken down into sections. You will need to reference the rest of the guide and templates to work out where to measure to and from.

Here are some general points to get started.

#### Level

It is important that all 3 frames are level at the top to ensure all the louvre blades line up so check the level carefully.

#### Infill batten

To give you more flexibility when fitting, infill battens can be used between the 3 frames. This helps each frame match the window layout more evenly and provides more adjustment on the width.

#### Skirting

French doors normally have skirting board fitted, follow the 'Skirting' cut out instructions for further information and help.

#### Handles

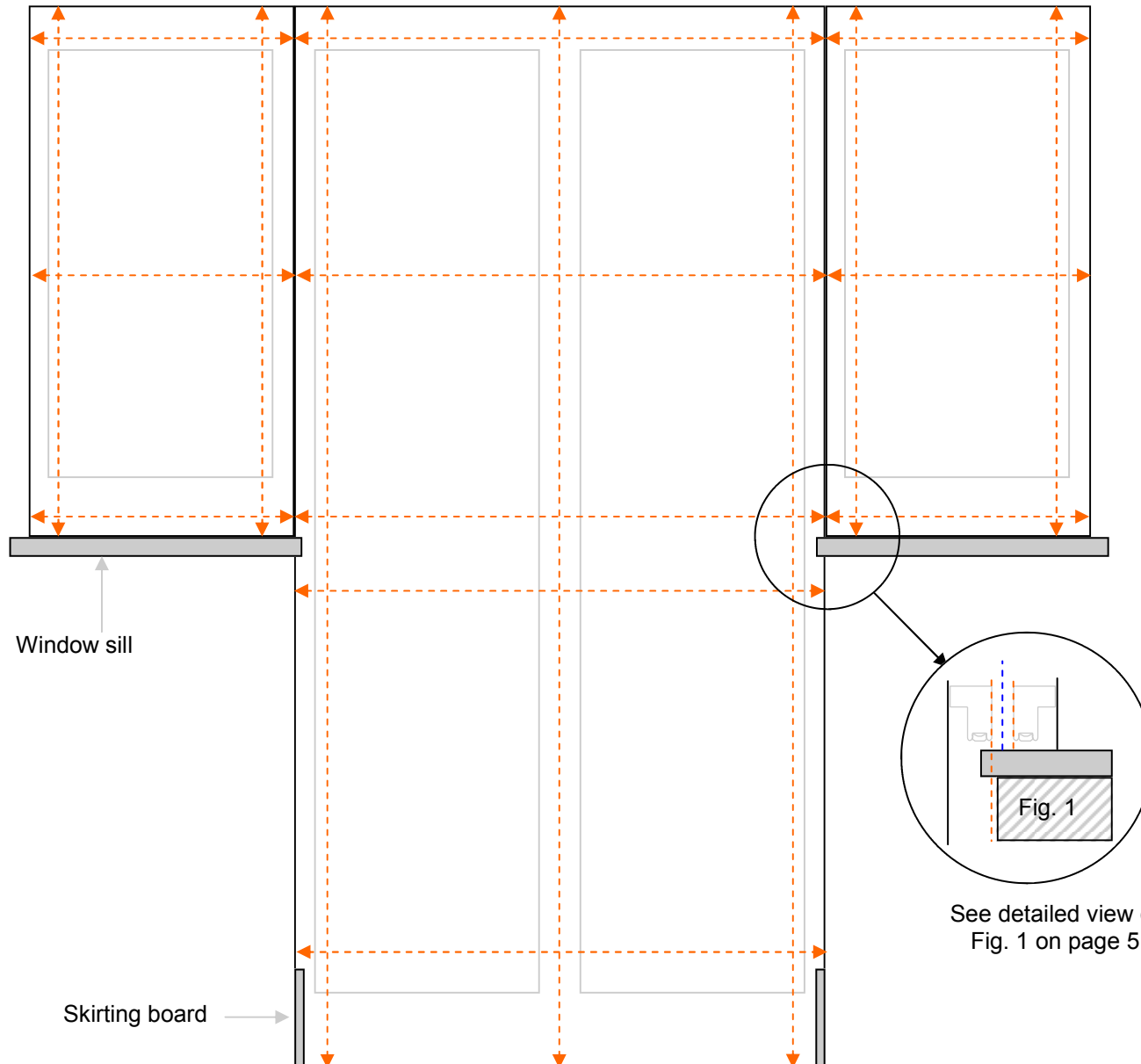
The door handles can often protrude further than the window handles. Check this depth and decide on the correct frame depth or if battens are required before measuring.

Follow the '1.3 Recess protruding objects' measuring guide for extra advice.

## 10.0: French doors

### MEASURING: WIDTH & HEIGHT

Front view



See detailed view of Fig. 1 on page 5

### How to measure a French door

Always measure in several places across the width and height.

### Working out

Use the templates on the following pages to work out where you want the shutters to fit. You will find details of how the window shutter frame meets the door shutter frame at Fig.1.

Each French door can be different so you may need to adapt the templates to suit your design.

### Window width

With the templates in place, measure from the window recess to the edge of the shutter frame, deduct the 5mm shadow gap for the exact frame width.

### Door width

The door width is taken below the window sill within the dwarf wall area. Further advice can be found with the templates.

### Height

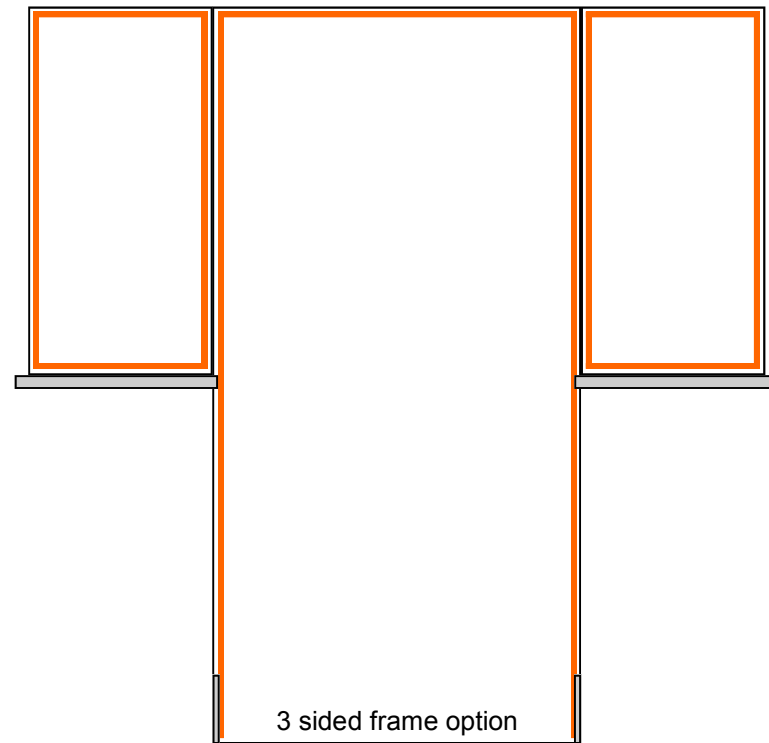
Measure each section separately as shown on the left.

Measure from either the window sill or floor.

Check the level across each section and take the smallest height from this level line.

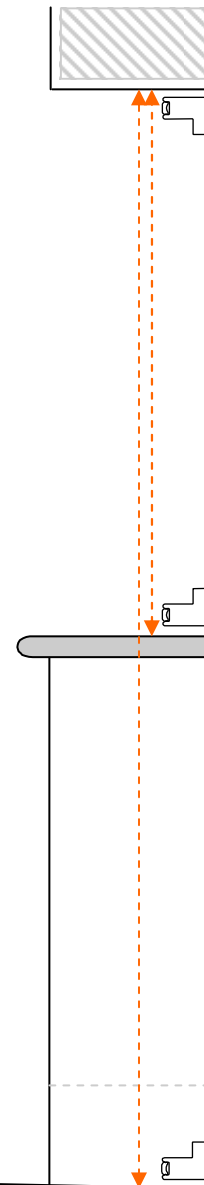
Follow the 'Out of level' guide on page 8 for extra help.

## MEASURING: HEIGHT



Check floor heights  
with 3 sided frames

Level line



## 10.0: French doors

### Measuring the height

#### Clearance

5mm clearance is generally required between the top and bottom of the window recess and top and bottom of the door recess.

#### Level

Remember to check the level across all 3 openings and take the smallest height between the level points.

#### Measuring.

Measure from the window sill to the inside of the top recess and from the floor to inside of the top recess.

#### 3 Sided frames

When there is no threshold at the bottom of the door, you can choose to have a 3 sided shutter frame to match.

3 sided frames sit flat on the floor, there will be a small 2.6mm clearance gap between the bottom of the frame and the bottom of the shutter to allow the shutters to open.

Take the height measurement from the floor as normal. When ordering 3 sided online, the relevant deductions will be made automatically when ordering recess size. When ordering frame size, you will only need to deduct 5mm from the top.

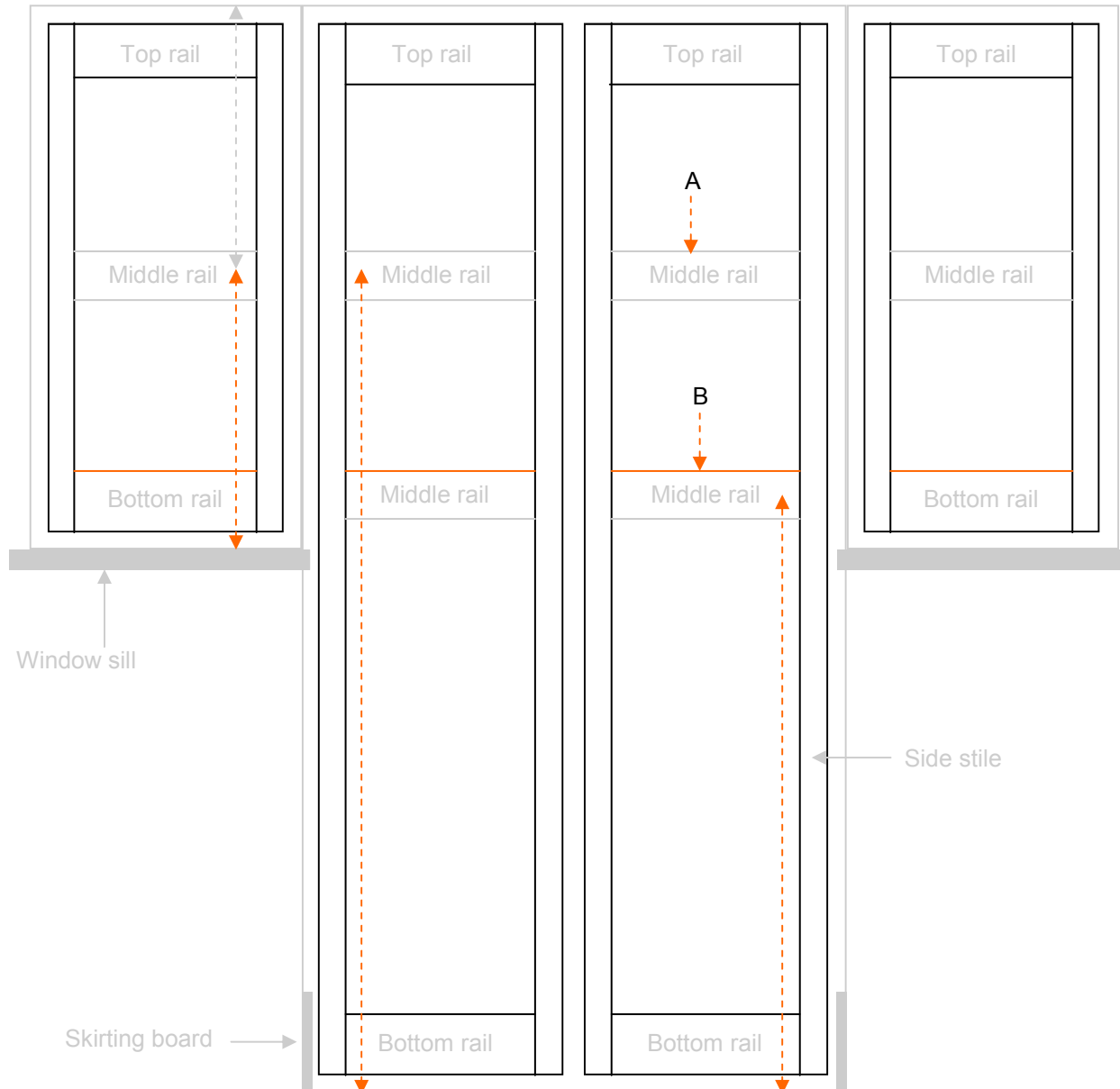
#### Door mats/uneven floors

Check the floor level when ordering 3 sided frames. The shutters will be at floor level so if the floor rises up it may stop the shutters from opening fully. Ordering longer side frames is one option, this will void guarantee.

## 10.0: French doors

### MEASURING: RAIL HEIGHTS

Front view



### Rail heights on French doors

#### Across all shutters (A)

When ordering a rail across all of the shutters, measure from either the sill or floor up to the centre of the rail.

Add a note on the order form requesting the rails should all be in line and include a measurement from the top down to the centre of the rail as a way of double checking.

#### Door rail (B)

When ordering a rail just on the centre door shutters ensure it lines up with the top of the bottom rails on the side shutters.

Add a note on the order form and request the rail heights are matched.

#### Important ordering note.

The rails built into the top and bottom of the shutter that hold it together will vary in width depending on the height of the shutters ordered and the size of louvre blades.

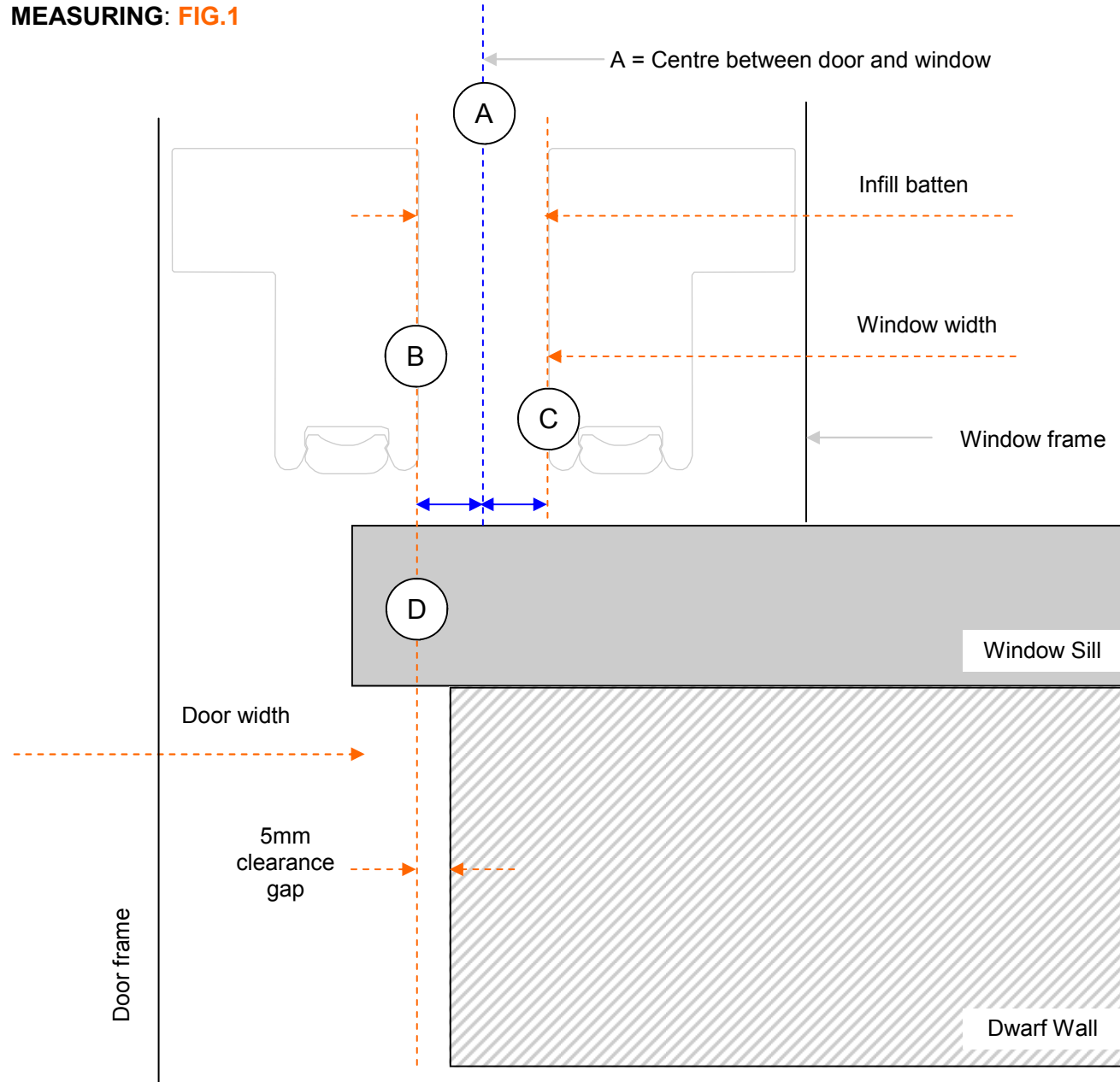
For this reason it is important you specify in the notes box on the order form that the tops of all the frames will be inline.

This will ensure all the louvre blades line up.

#### Rail thickness

Middle rails are 76mm wide, thinner than the average top and bottom rail built into the shutter. You can see this when looking at the door rail widths on the drawing.

MEASURING: FIG.1



**10.0: French doors**

**Fig.1 - Detailed view**

Where the window meets the door frame there will be a join (Line A). Use this as a reference point to measure to. Ensure the shutter frames overlap the door and window frames equally.

The centre door width is dictated by the lower measurement between the dwarf walls. Measure between the walls and deduct the standard 5mm each side for the clearance gap.

Project a line up (Line B) above the window sill so you can measure the space between the frame and the joint between the door and window (Line A).

Use this measurement as a guide to work out where the edge of the window shutter frame will fit. (Line A) should be in the centre of (Line B + C).

Should be equal spacing =  $\longleftrightarrow$

Order an infill batten to fill the gap between the two frames. This batten can be reduced in width if required when fitting the shutters.

**Window Sill**

Generally the window sill above the dwarf walls overhangs into the door area.

Part of the window sill will need to be cut out to allow the shutter frame to run from top to bottom without a break. (See separate drawing.)

**Check**

Check the protruding sill will not stop the shutters opening.

## 10.0: French doors

### MEASURING: PLAN VIEW

#### How to measure French doors

A plan view showing the French doors.

#### Width

Take the width measurements in front of your chosen frame in case the recess is angled or uneven.

#### Height.

The height should also be taken in front of the frames.

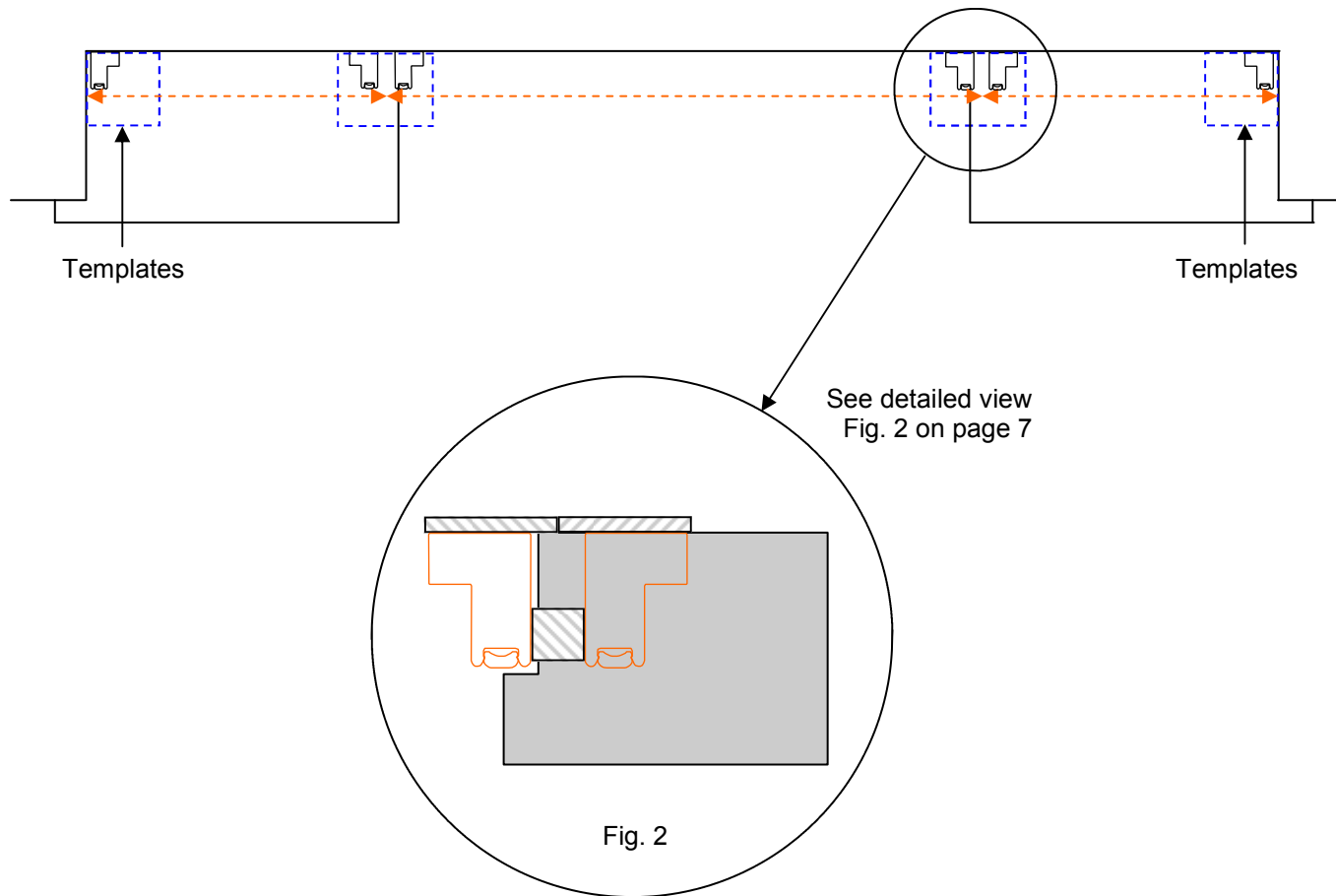
Draw an imaginary level line across all three windows and measure to this height to ensure the 3 frames line up with each other.

#### 3 Side frames

When there is no bottom threshold fitted across the doorway order a 3 sided frame to match.

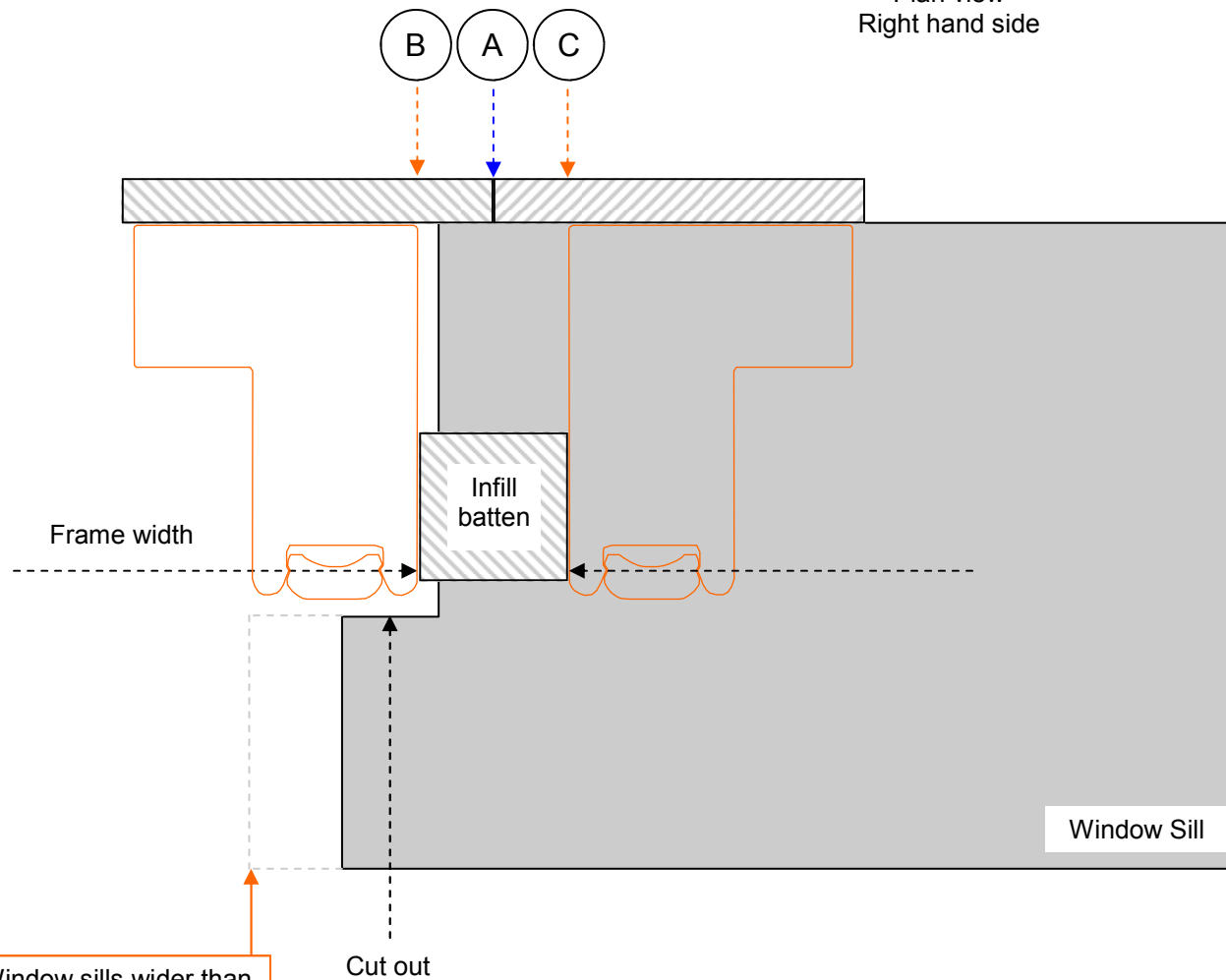
#### Clearance gap

5mm clearance is still required between the floor and shutter frame and window sill and shutter frame.



MEASURING: FIG.2

Plan view  
Right hand side



Window sills wider than this point will stop the shutters opening.

**Fig. 2 Detailed plan view**

This example shows the plan view of how the two frames will meet at the right hand side.

**Window sill.**  
Part of the sill has been cut away with a small amount of clearance left for adjusting the frames when fitting. Use the templates to mark out where to cut.

**Infill**  
The infill does not need to run the full depth of the shutter frame. It is only seen from the front so it can be 20-30mm deep.

Set the infill back from the front of the frame for a neater look.

## 10.0: French doors

### What if my doors are out of level?

It is important that the tops of the shutter frames all line up, this will ensure all the louvre blades line up.

Check the window for level and draw on a piece of paper any out of level sections like the example shown.

#### Width

Take the smallest width between the vertical level line.

#### Height

Take the smallest height between the horizontal level lines, shown with an X

#### Horizontal middle rail.

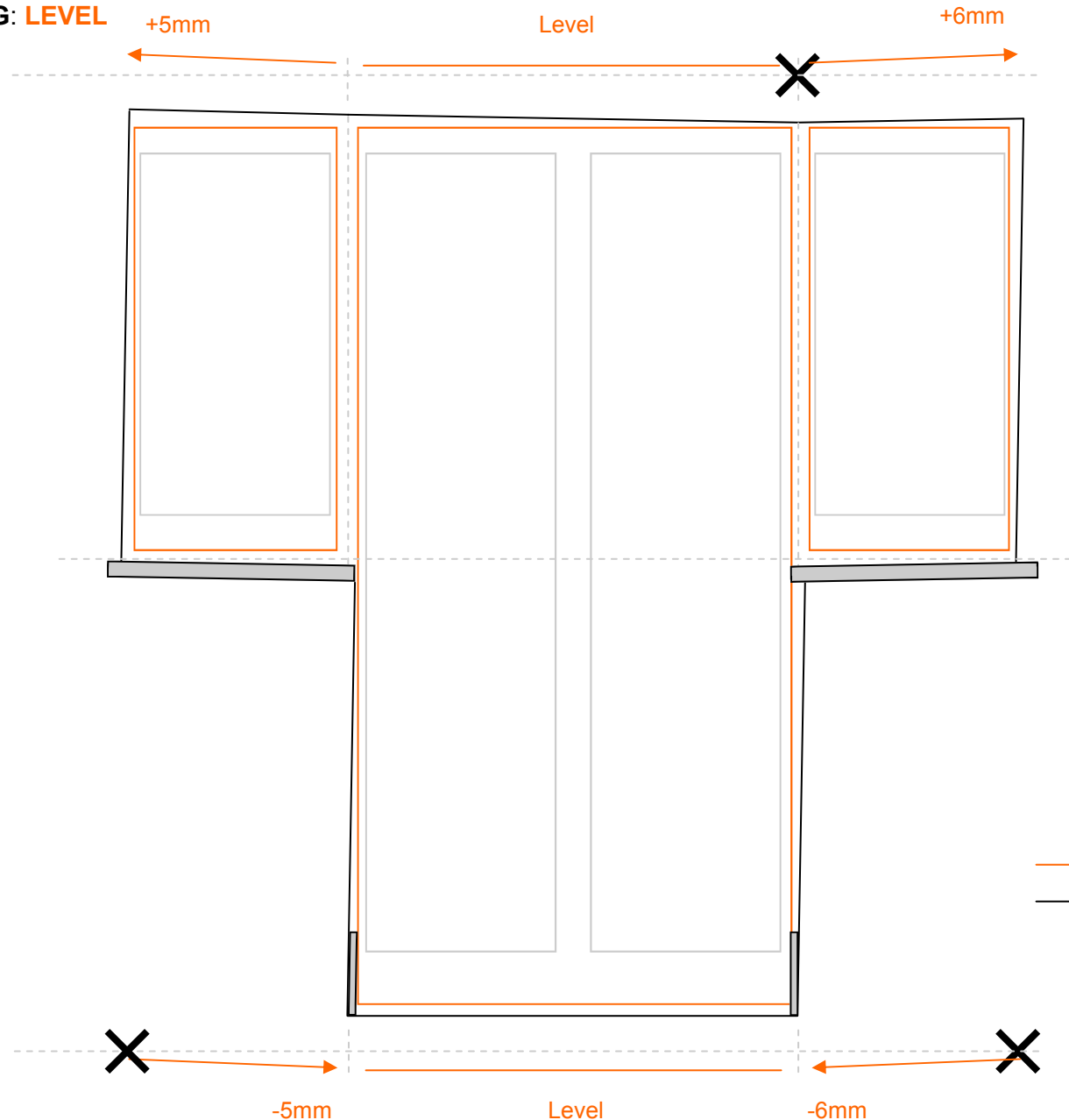
Rail heights should be taken from these level lines too.

#### Window sills

These are generally in line but are not always level. The window shutter heights can vary in extreme out of level cases but where possible try and order the two side windows the same height.

Check the level across from sill to sill and take the smallest height to the top level line.

MEASURING: **LEVEL**

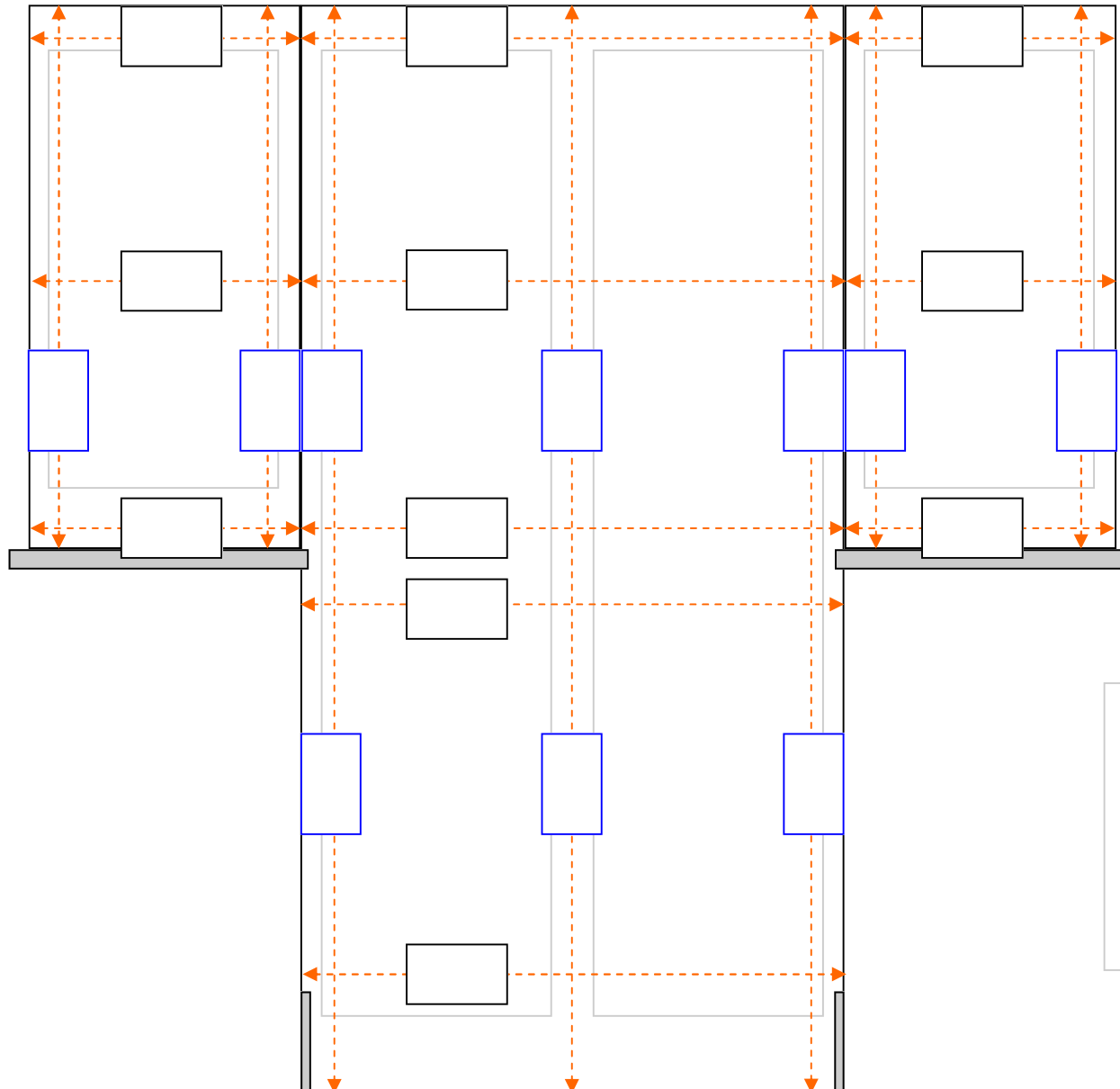


— Shows the shutter frame position

— Shows the window recess



## MEASURING: SURVEY FORM



Key:

 Height
  Width

### 10.0: French doors

#### Survey form

Enter your exact window recess sizes into the boxes on the left.

Enter the smallest recess order sizes below:

| Shutter details |  |
|-----------------|--|
| Room name       |  |
| Shutter type    |  |
| Louvre size     |  |
| Colour          |  |
| Frame size      |  |
| Folding         |  |
| Options         |  |

| Smallest order sizes |  |
|----------------------|--|
| Left width           |  |
| Centre width         |  |
| Right width          |  |
| Window Height        |  |
| Door Height          |  |
| Infill batten detail |  |
| Horizontal rail      |  |
| Handle               |  |

***'Double check your measuring'***

## MEASURING: FRAME SIZE

### Frame size.

An important note about how frames are measured.

### Important:

All 'Frame' order sizes on L frames are taken from this highlighted edge.

