QuickPlan3D

Summary

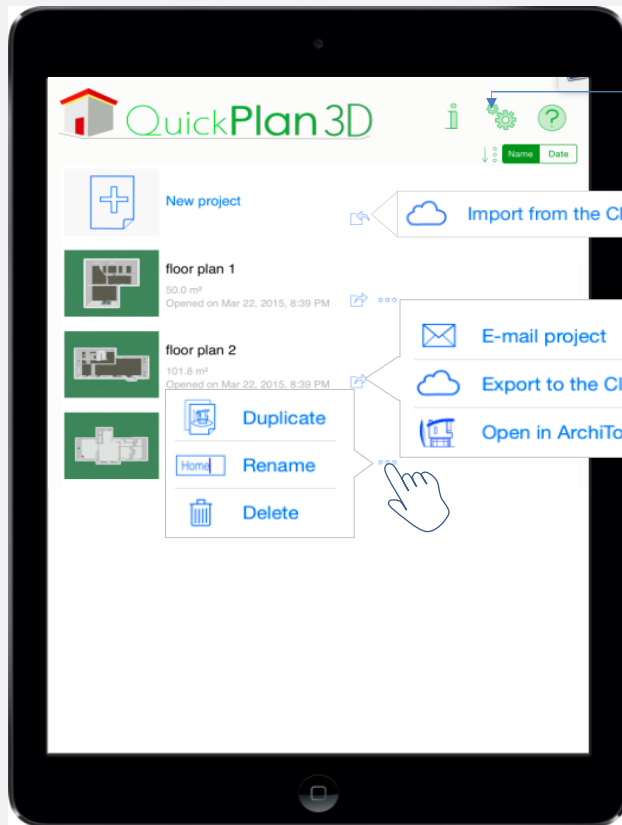## Getting started with ArchiTouch3D

Main fonctions

- Select a line

- Precise adjusment of dimensions

- Moving a slab building

- Move the entire view when moving an item

- Changing swing directions

- What to do when an opening hides a wall

- Thickness of exterior walls and interior walls

Projects

Settings

Plan 2D

- Adding interior walls

- Cut / detach the interior walls

- Adding a straight staircase
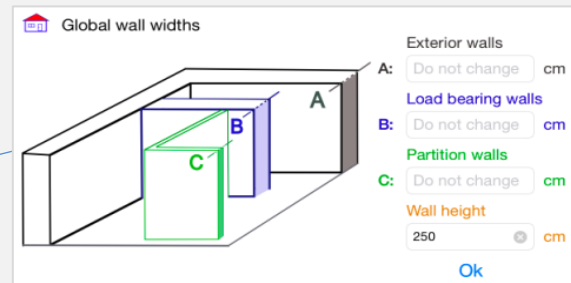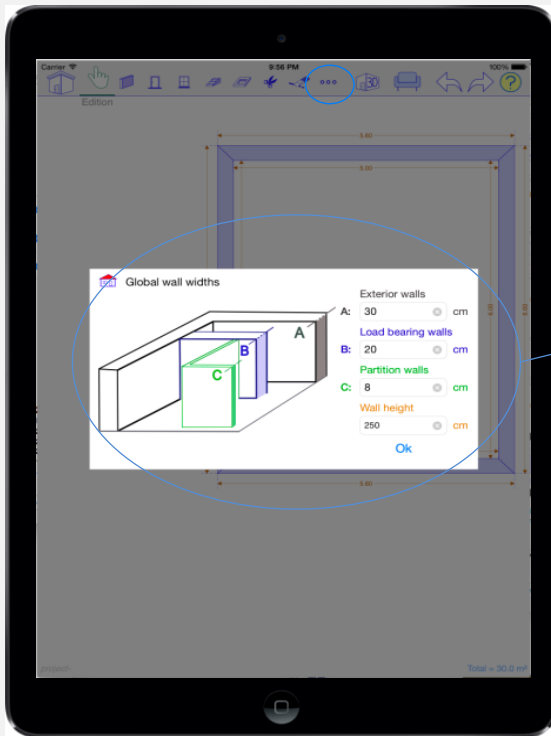
- Slab / floor openings

- Adding furniture

QuickPlan 3D

settings

New project

Import from the Cloud

floor plan 1
50.0 m²
Opened on Mar 22, 2015, 8:39 PM

floor plan 2
101.8 m²
Opened on Mar 22, 2015, 8:39 PM

E-mail project

Export to the Cloud

Open in ArchiTouch 3D

Duplicate

Rename

Delete

E-mail: Save a project, **or** share it with others, **or** use it on another iPad **or** to the **cloud** (iOS8)

Create **a CAD project** based on this floor plan and transfer it into App ArchiTouch 3D
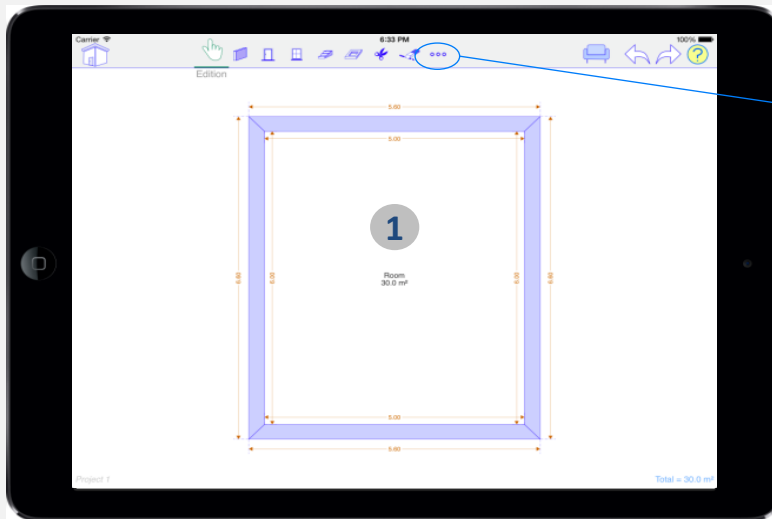
Models available as examples

2D design

Global wall widths

Exterior walls
A: `Do not change` cm

Load bearing walls
B: `Do not change` cm

Partition walls
C: `Do not change` cm

Wall height
250 cm

Ok

This box is displayed when the project is first created

you can change the values at any point using

Options: ○ ○ ○   🏠 **Wall widths**
Change all wall widths in one operation

2D design

Principles

The floor plan design starts from slab **1** created with new projects.

This slab represents **the envelope of the house**.

To design your project, move, stretch of cut the walls, without separating them

(Details on next page).

2D design

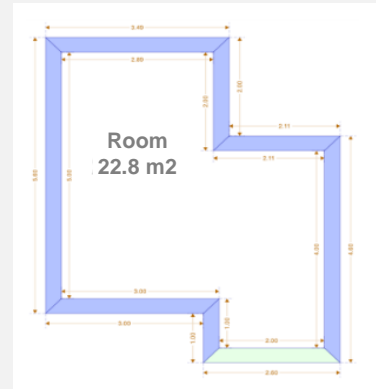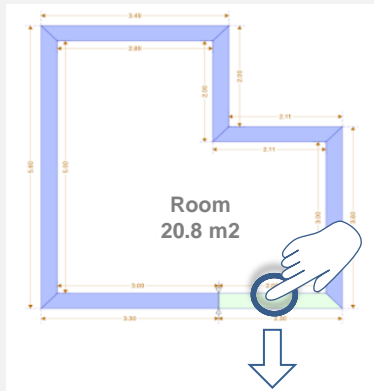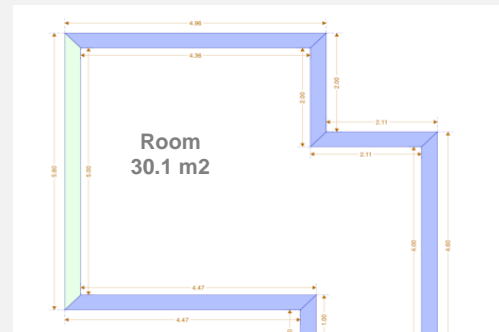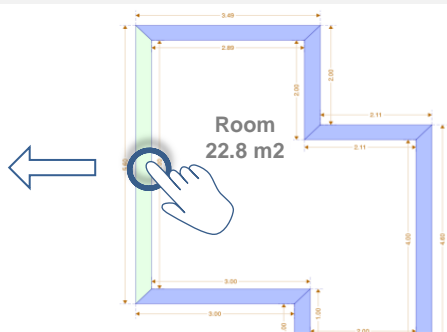2:29 PM
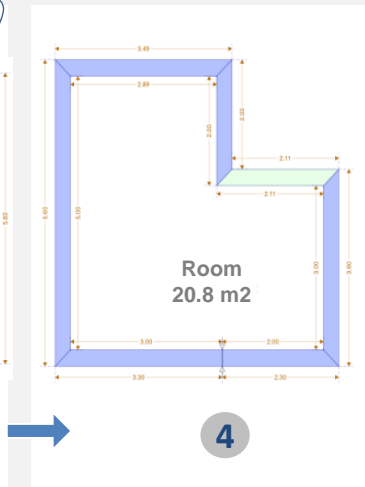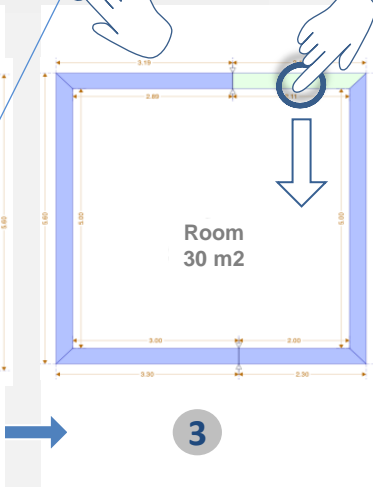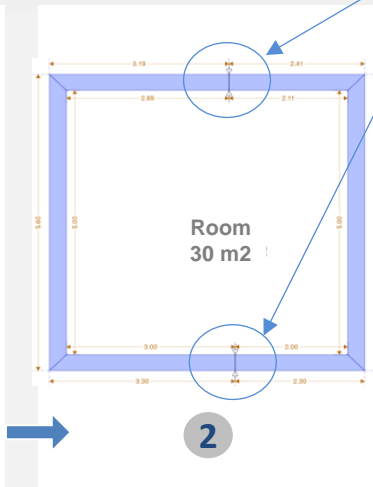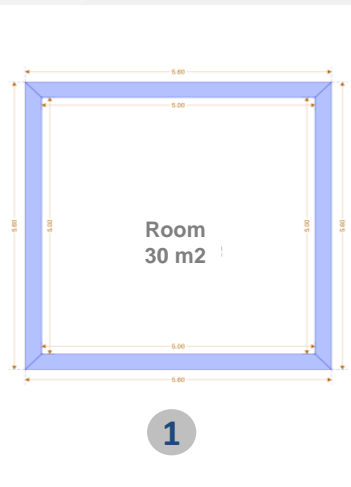
1. Initial slab

2. Use ✂ to place cut marks on walls

3. Move selected wall

4. Room surface is automatically computed.

Another example

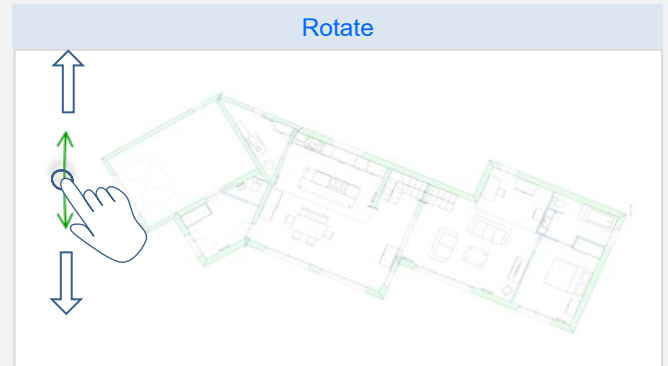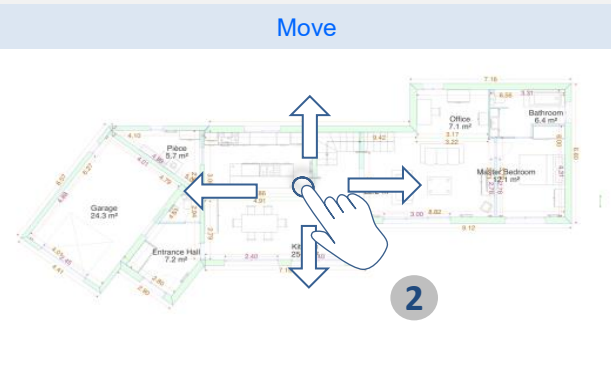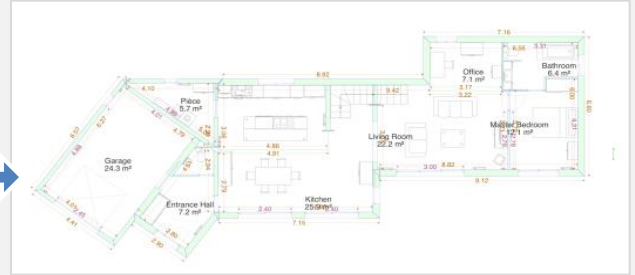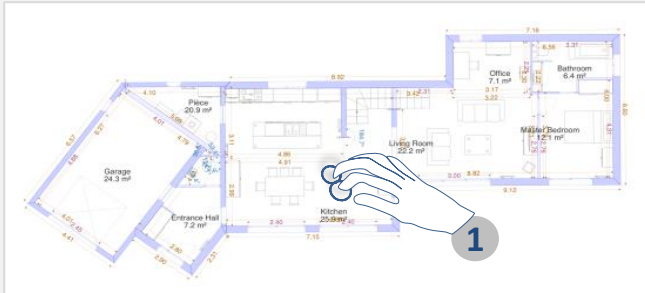# Enlarge the slab

Info: 1-Double Tap on 🖐 or outside the building, the menu becomes orange 🖐 ,

2-The movement of the wall is **slowed**, adjustment of dimension becomes accurate.

3-Double tap on 🖐 or outside the building to clear precise mode.

Move

Rotate

1 **Touch and hold** the interior of the building with **2 fingers** to select it
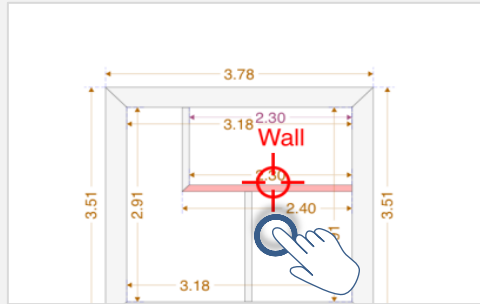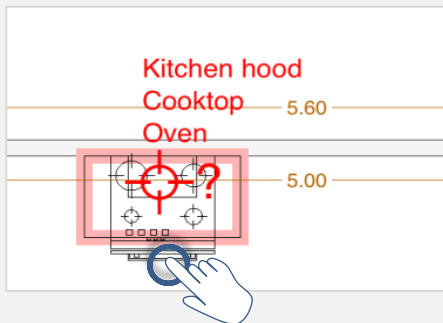
or ooo

Select the whole plan
You can then rotate the plan

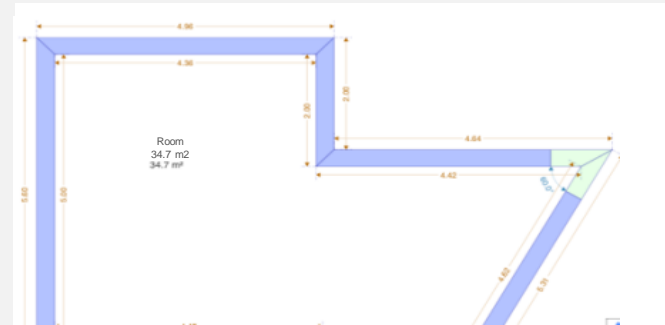**2** Move the entire building with **one finger**, rotate it with arrow

Delete objects
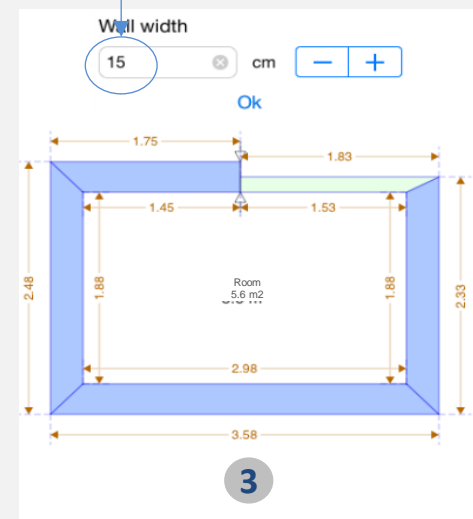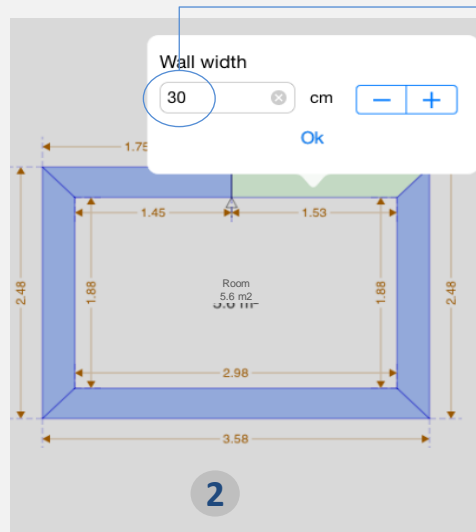

Delete superposed items

Kitchen hood
Cooktop   5.60
Oven

5.00

Delete Kitchen hood

Delete Cooktop

Delete Oven

Cancel

5.00

5.00

Moving a wall by an angle

Change a wall width

double Tap

Wall width

30   cm   − +
Ok

Wall width

15   cm   − +
Ok

1

2

3
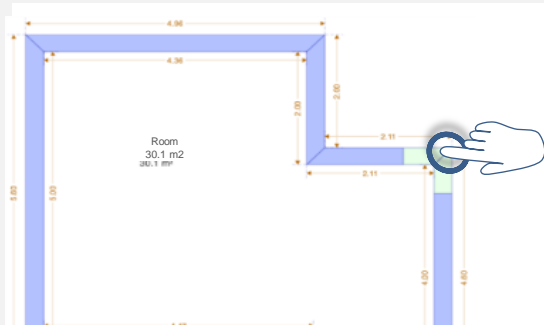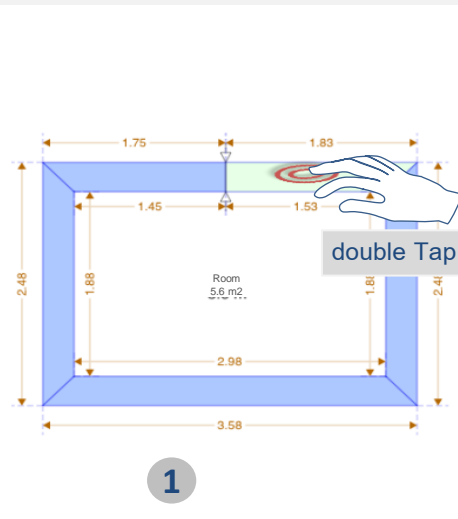
Clear cuts on exterior and interior walls

Method A
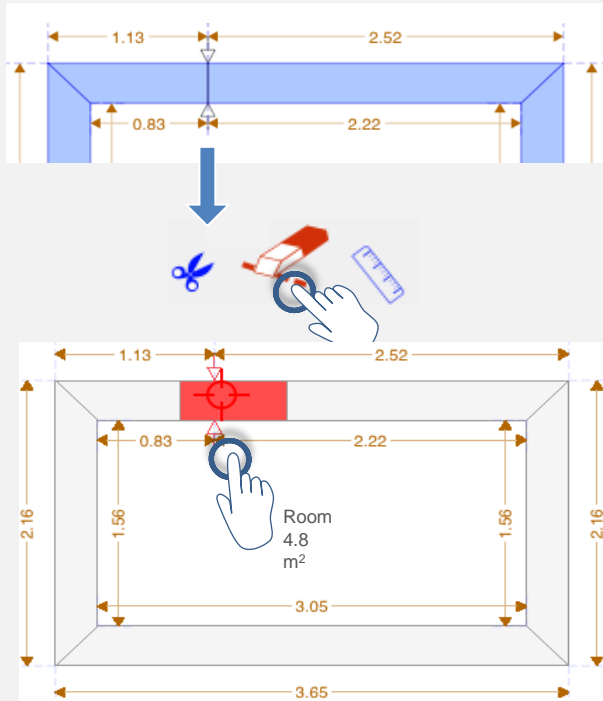
Method B

Info: the pointer is above your finger to avoid delete errors

Create interior walls

Tap
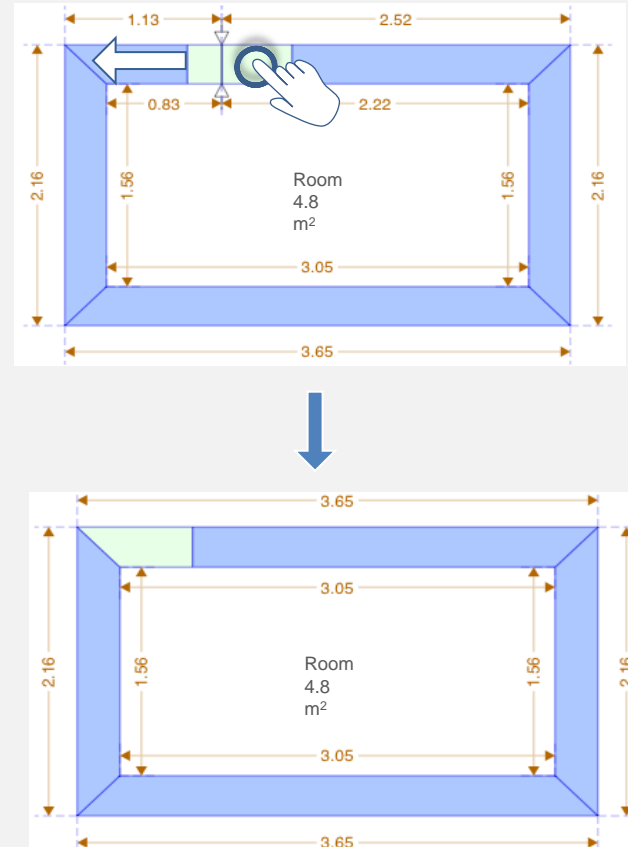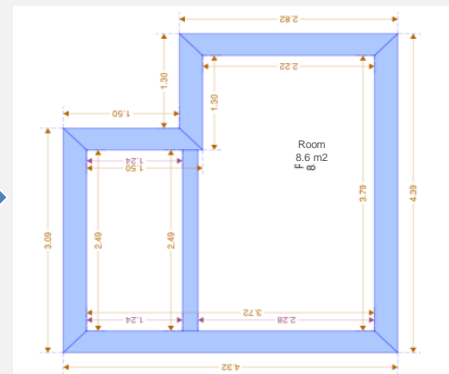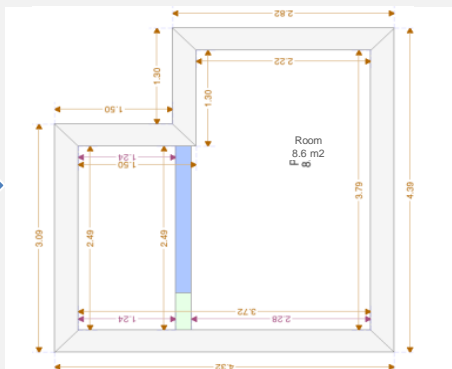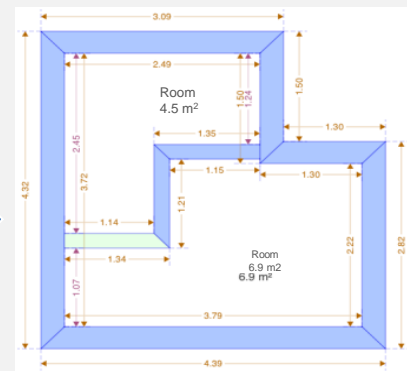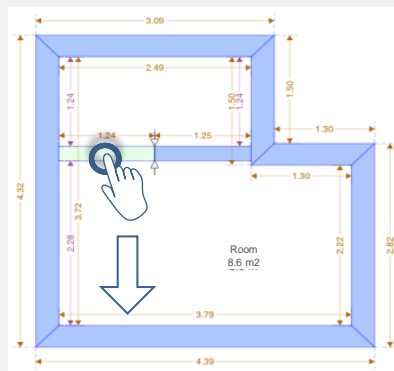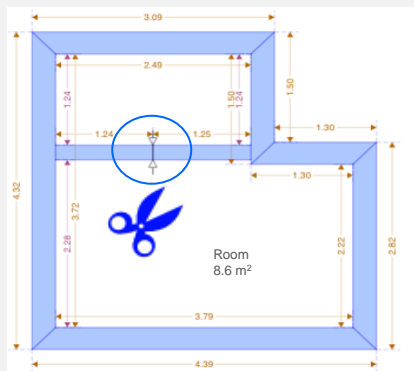
Change the interior walls

Select and move superposed items

Change of wall color

Double Tap

1.00   1.82   1.00   4.

1.8

✂ Cut wall
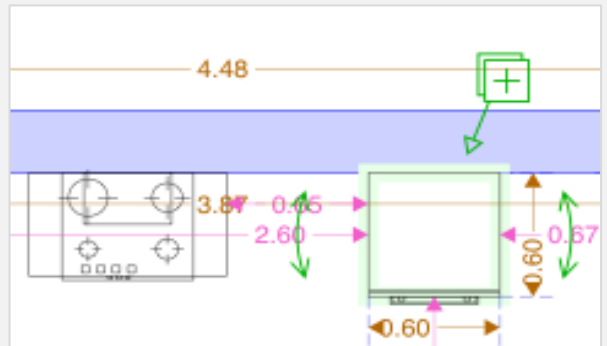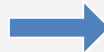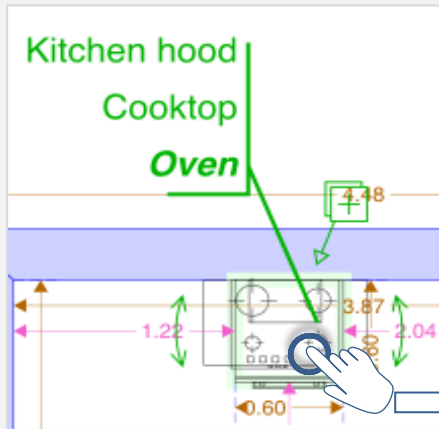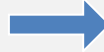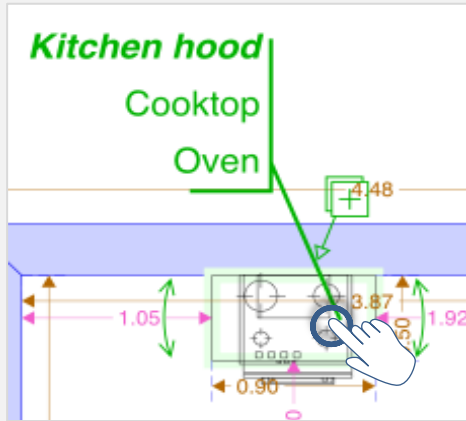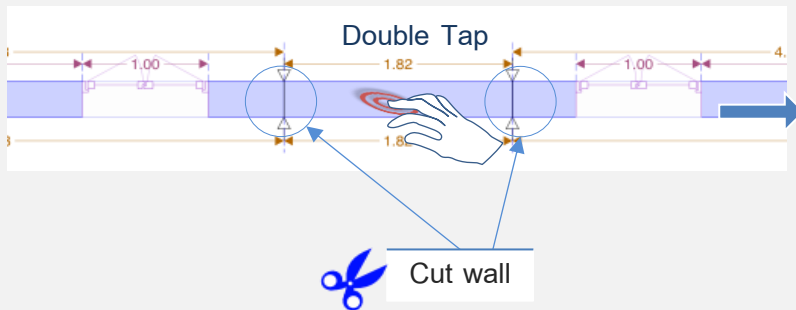
Wall width

30   ⊗ cm   [− | +]

Exterior material

Brick

Wood

Ok

To modify all the walls in the building:

Options: ○ ○ ○

3D Appearance
Choose textures for 3D aspect

Unlimited undo and redo

Info: the concerned object becomes yellow during a few seconds.

To view this help again,Refer to the Help topic: ?
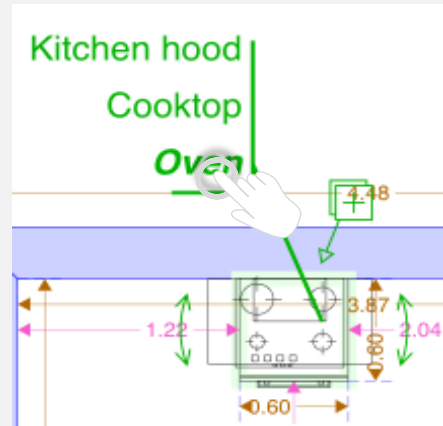- PDF help file and videos available on Website: www.quickplan3d.com

For any question : www.quickplan3d.com/support

Touch and drag the end of a line to increase or decrease its length or change its angle

If necessary

Touch and drag the line to move it vertically (relative to its axis)
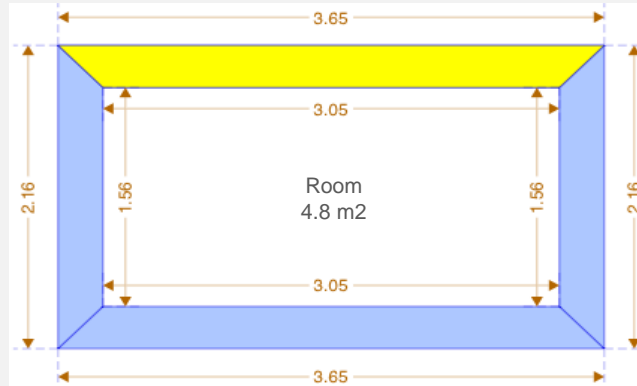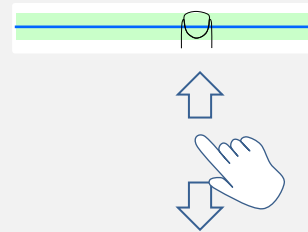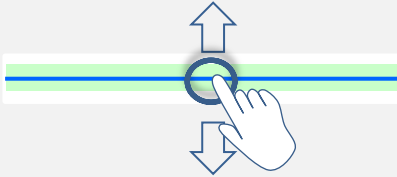
If necessary

Double tapping clear space with another finger when moving an item will deactivate the positioning guides (angle/alignment).
The item will be displayed in yellow to indicate this change.
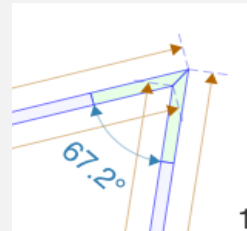
Improve your view when moving items

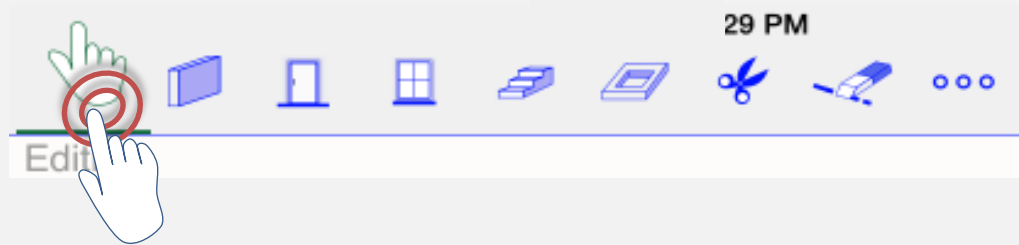**1** **Tap** the line to select it

2 **Touch** close to the selected item to activate the virtual finger pointer

Displaying angles
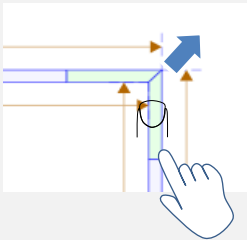
90° and 180° angles are not labelled

67.2°

Double tap: on or **outside** the building for design plans

29 PM

Edit

Edition with precision mode active

reduces movement speed

If necessary   deactivate the positioning guides

(see page 1)
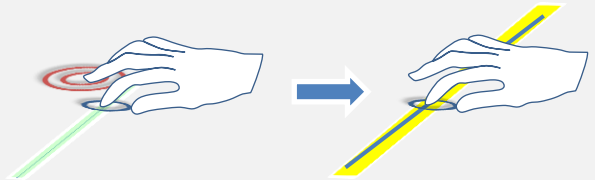
Move
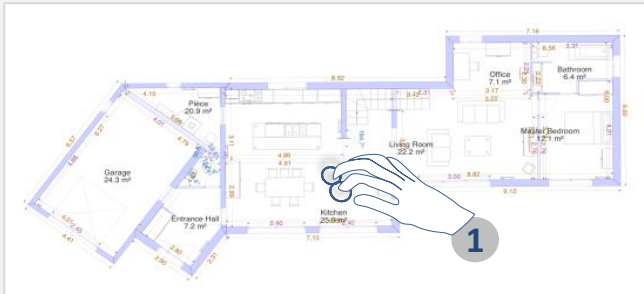
Rotate

1 **Touch and hold** the interior of the building with **2 fingers** to select it

or ooo **Select the whole plan**
You can then rotate the plan

2 Move the entire building with **one finger**, rotate it with arrow
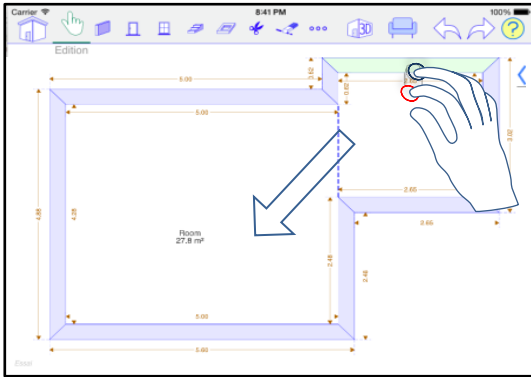
1 Keep your first finger on the item you want to move
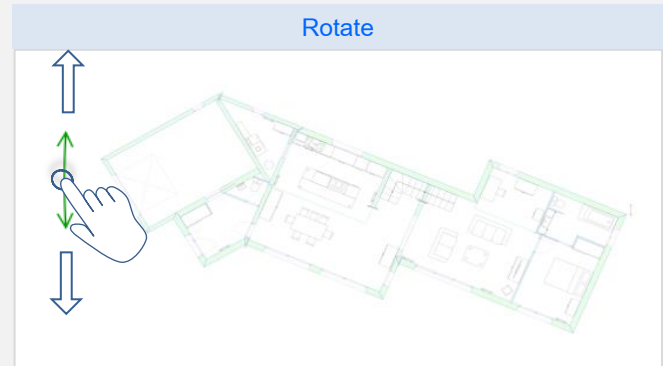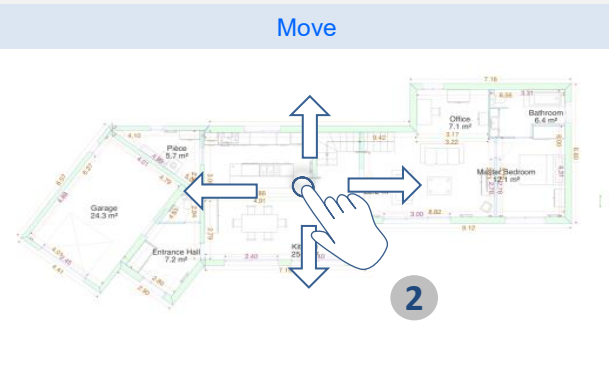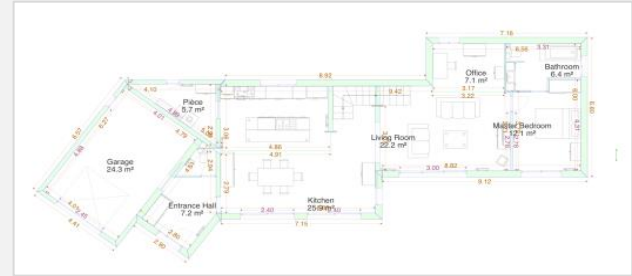
2 Use a **second finger** to move the entire view at the same time

Ensure you move the entire view instead of the item
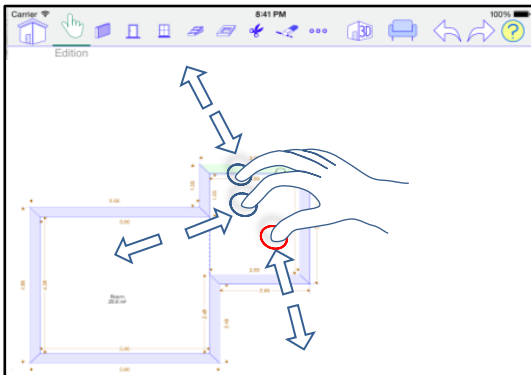
You can also increase or reduce the size of the design by using a **third finger** near to the second

Changing swing directions

for doors or windows: **left, right, inward, outward**
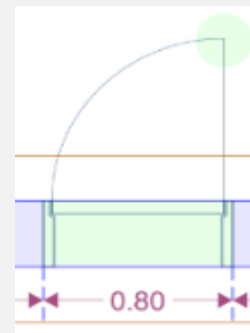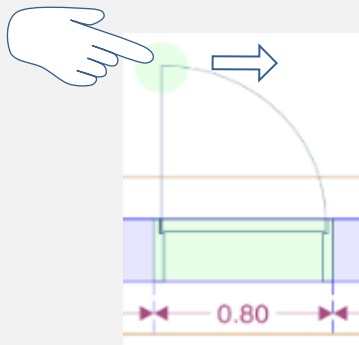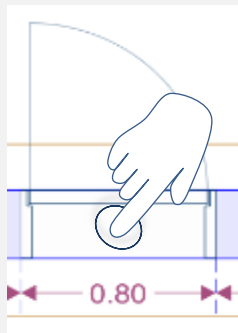
Moving openings to another wall: doors or windows
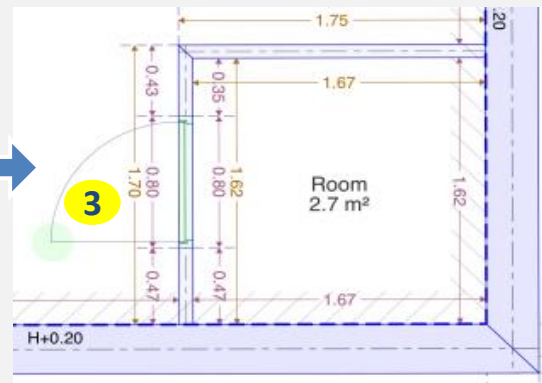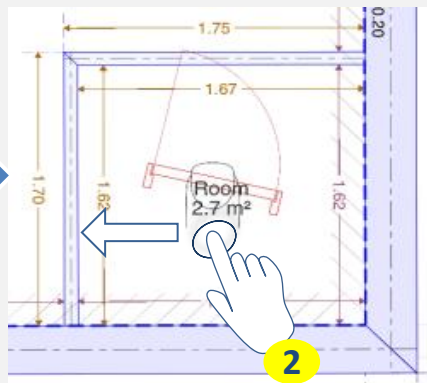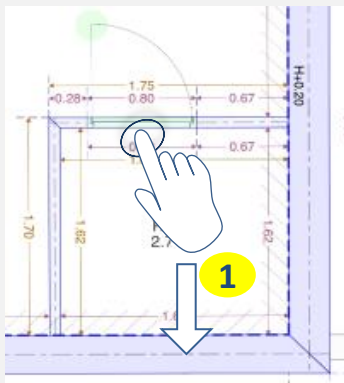
Select and move superposed item
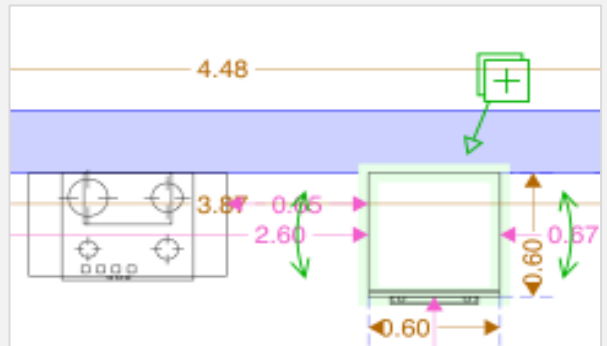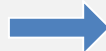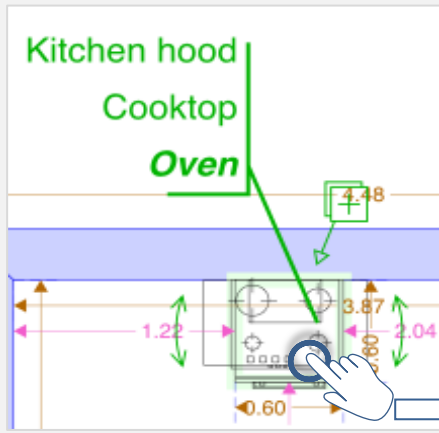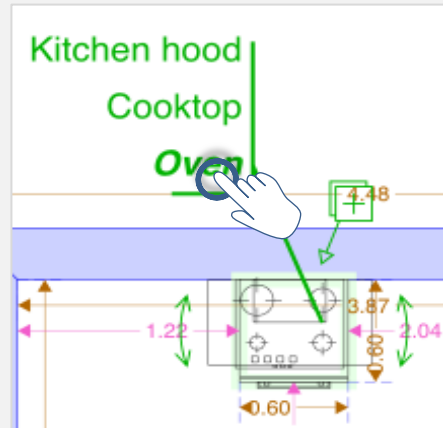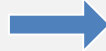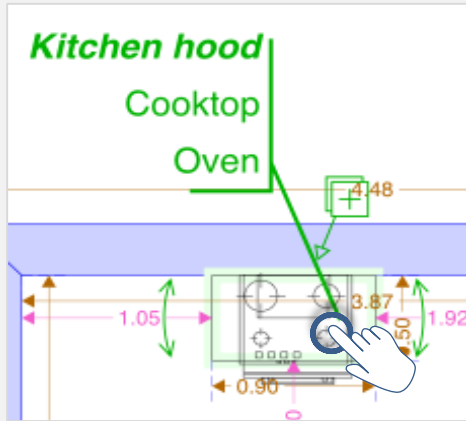
What to do when an opening hides a wall
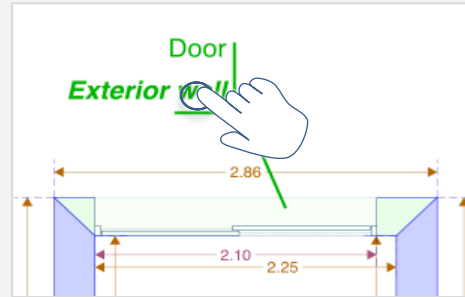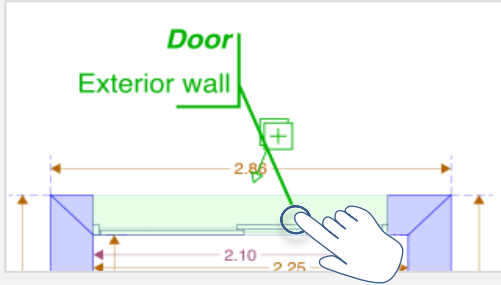
1   **Tap on** the opening

2   Select **"exterior wall"**

3   Move the wall with **one finger**

Duplication of doors and windows
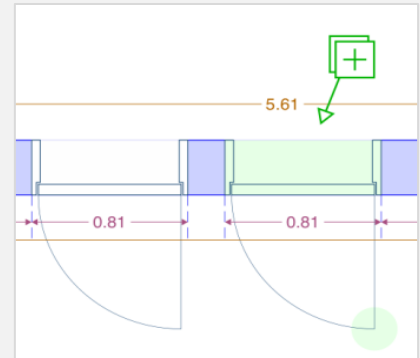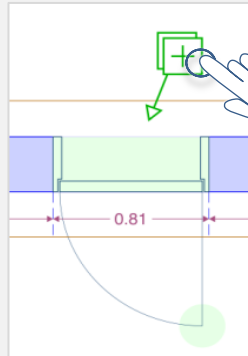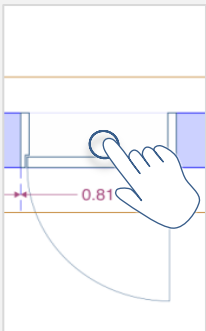
1   **Tap** on the opening

2   A 2nd opening is added

Double tap one of the 4 functions
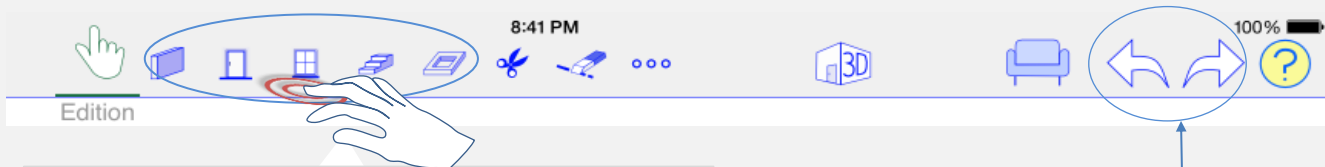
Undo or redo

(unlimited)

The item will be displayed in yellow

Wall width

30 | cm | — | +

Exterior material

Brick

Wood

Ok

Double tap

on an exterior wall

To modify all the walls in the building:
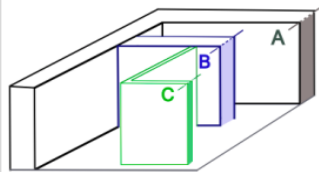
Options: ○ ○ ○

Wall widths
Change all wall widths in one operation

Global wall widths

A

B

C

Exterior walls
A: Do not change | cm

Load bearing walls
B: Do not change | cm

Partition walls
C: Do not change | cm

Wall height
250 | cm

Ok

Interior wall type

Partition wall
Height can be limited

Load bearing wall

Virtual wall
No wall, convenient room separator

Railing
Railing height is mandatory

Sloped wall
Defined by two heights

A

Width
A: 11 cm

Height
H1: cm
leave empty for full height

H₁

Ok
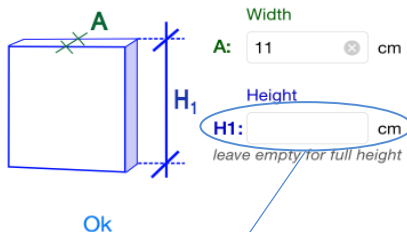
Enter a value to create a low wall

Interior wall type

Partition wall
Height can be limited

Load bearing wall

Virtual wall
No wall, convenient room separator

Railing
Railing height is mandatory

Sloped wall
Defined by two heights

A

H₁   H₂

Width
A: 11 cm

Height
H1: 0,50 cm

Second end height
H2: 1,50 cm

Ok

H = 0.50   H = 1.50

Interior wall type

Partition wall
Height can be limited

Load bearing wall

Virtual wall
No wall, convenient room separator

Railing
Railing height is mandatory

Sloped wall
Defined by two heights

A

Width
A: 17 cm

Ok

Interior wall type

Partition wall
Height can be limited

Load bearing wall

Virtual wall
No wall, convenient room separator

Railing
Railing height is mandatory

Sloped wall
Defined by two heights

A

H₁

Width
A: 8 cm

Height
H1: 100 cm

Ok
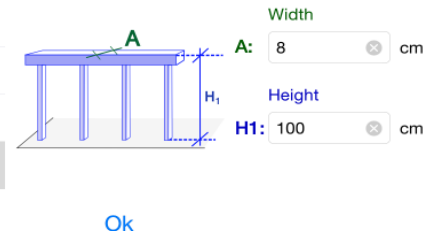
Virtual wall
No wall, convenient room separator

provides information about the surface area and division of rooms

Double tap

on the room label

Enter the name **or** choose from the predefined list

Room name

Dining Room

- Living Room
- **Dining Room**
- Kitchen
- Master Bedroom
- Bedroom

Excluded from living area   Ok

Room
22.3 m²

QuickPlan 3D

i ⚙ ?

↓↑ Name Date

Settings

New project
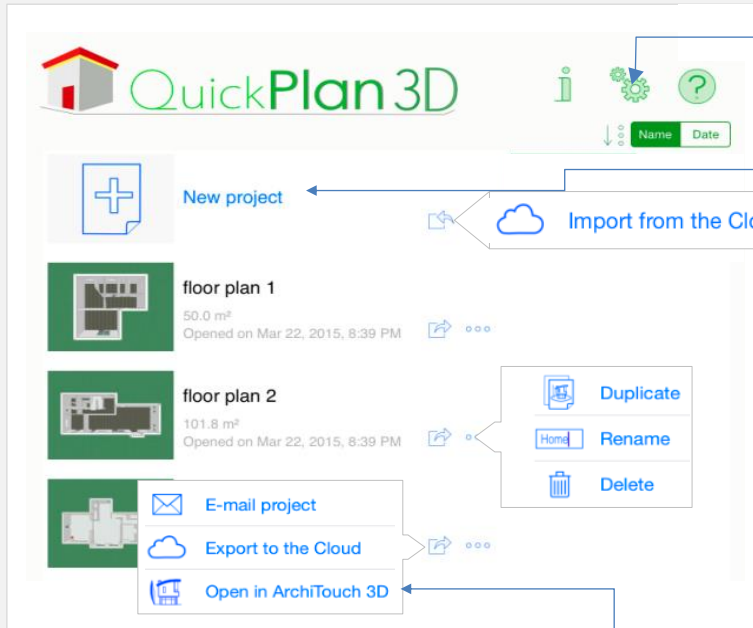
Create a floor plan with furniture and view 3D (Tap to open)

Import from the Cloud

floor plan 1
50.0 m²
Opened on Mar 22, 2015, 8:39 PM

floor plan 2
101.8 m²
Opened on Mar 22, 2015, 8:39 PM

Duplicate
Home Rename
Delete

Models available as examples

E-mail project
Export to the Cloud
Open in ArchiTouch 3D
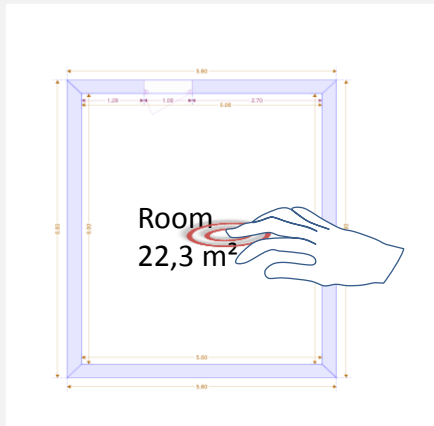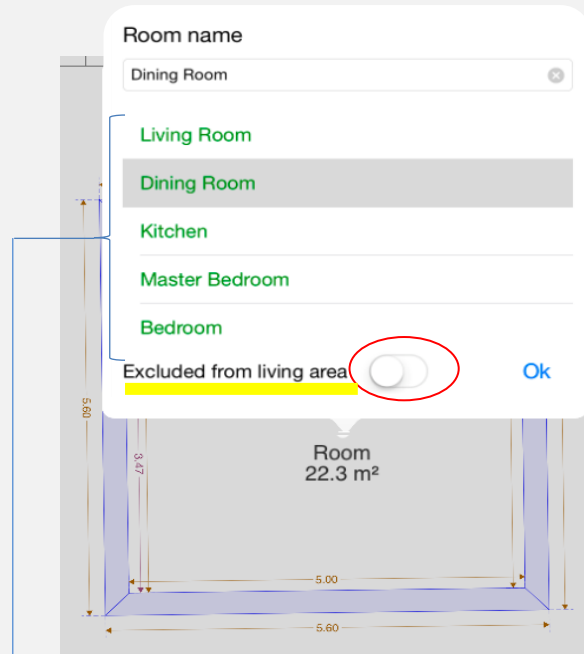
E-mail:

save a project,

or share it with others,

or use it on another iPad

or export to the cloud (iOS8)

Create a CAD project based on this floor plan and transfer it into App ArchiTouch 3D

To enter imperial units:
1' 2" 3/4   or: 4.5" becomes 4" 1/2
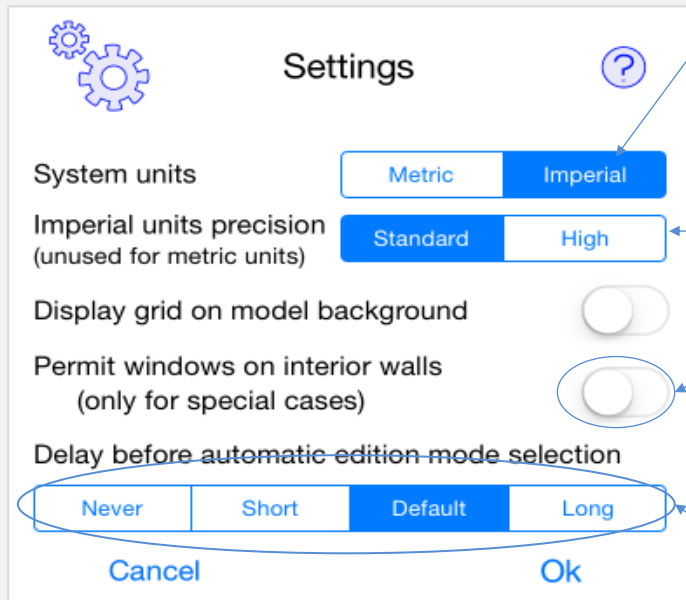*14.75" becomes 1' 2" 3/4*

Standard precision provides short and convenient dimensions (1").
High precision displays 1/4 "

Allows **windows** to be placed on interior walls

Settings

System units   Metric | Imperial

Imperial units precision   Standard | High
(unused for metric units)

Display grid on model background

Permit windows on interior walls
   (only for special cases)

Delay before automatic edition mode selection

Never | Short | Default | Long

Cancel   Ok

Configure the period of time before   Edition mode is reactivated after using one of the following options:

The exterior walls determine the edge of the building. Therefore, they cannot be *separated*, but can be *cuttable* to create the required shape.
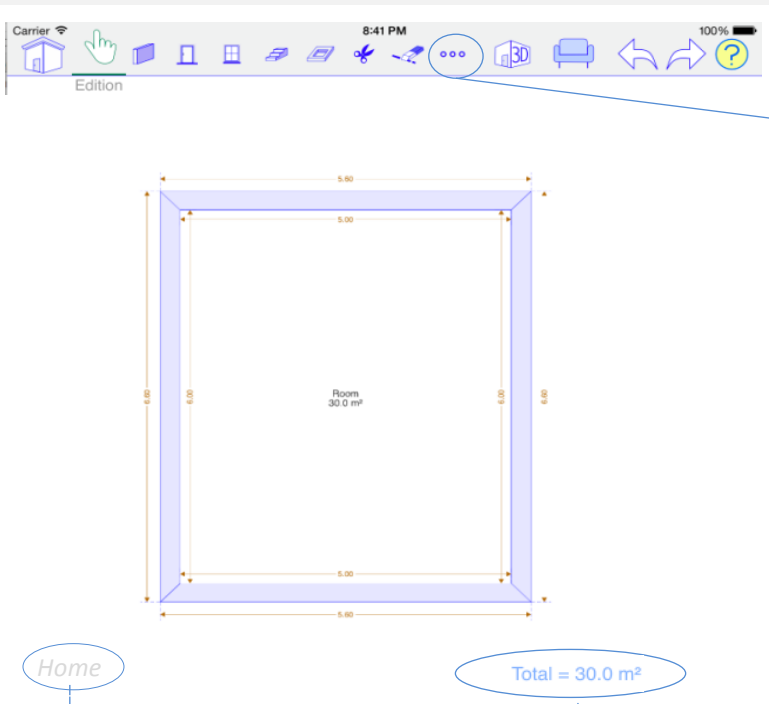
Project name

Interior surface information:
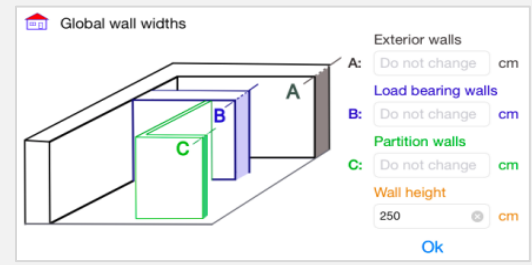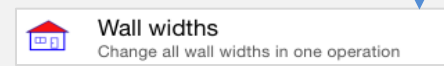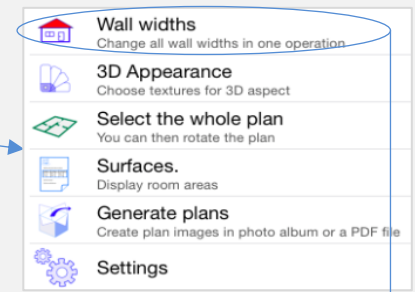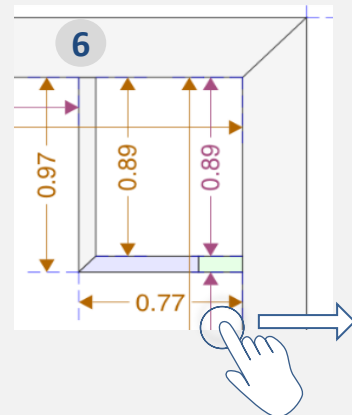
1. **Select the** "add wall" option

2. **Touch** the interior of the building to define the starting position

3. **Lift** your finger from the screen when the starting point of the wall is reached
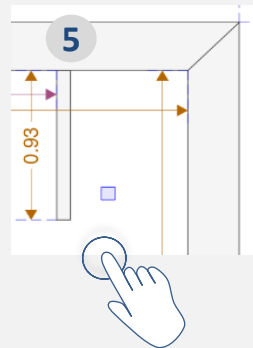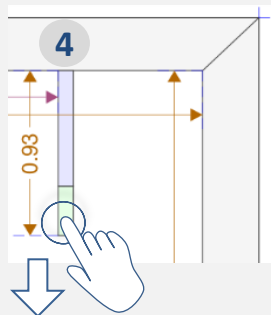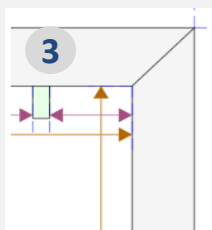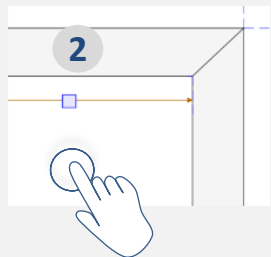
4. **Touch** the screen, the wall will be created:
   move your finger to determine the wall length, lift your finger when complete

5. **Touch** the screen in the same place to continue the wall, or elsewhere to create another new wall

6. **Repeat steps 2 and 3**

Detach   Or   Cut
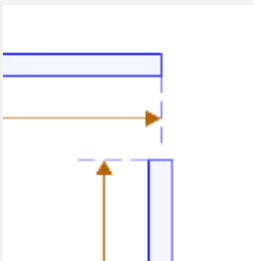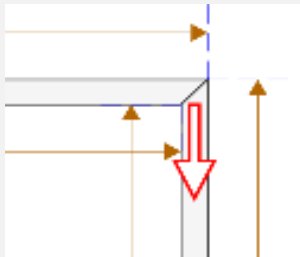
Only valid for **interior walls**

Valid for both **interior** and **exterior** walls

Info: the « **Cut** » can be used with other items such as stairs, floor openings etc.
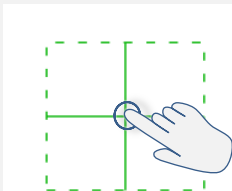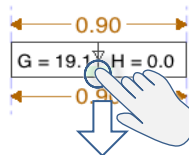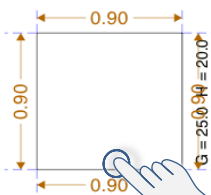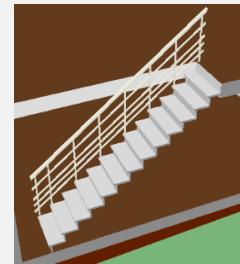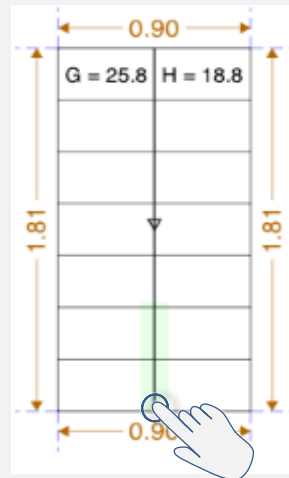
1. Select
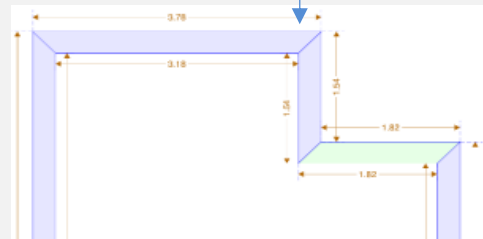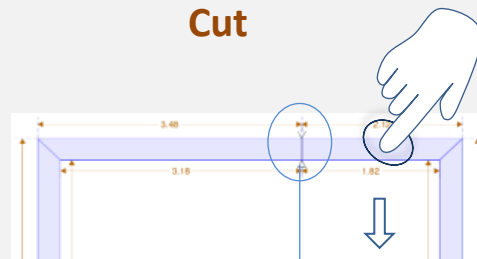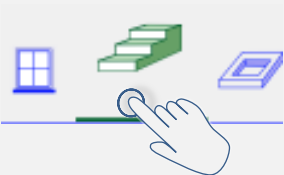
2. Touch the screen to position the green cross at the starting point, then lift your finger

   Touch the screen to continue the staircase

   Move your finger to determine the required staircase length, then lift your finger to complete

3. the process

4.

G = 25.8 | H = 18.8

Rise height

Going: distance between two steps (edge of nosing to edge of nosing)

Note: Stairs height is automatically set to reach above level.

Solution A

1

2

0.90 / 0.90 / 0.90 / 0.90 / G = 25.0 / 9H = 20.0

3

0.90 / 0.90 / G = 6.6 / H = 20.8 / 0.90

4

1.08 / G = 6.8 / H = 20.8 / 0.90 / 0.90
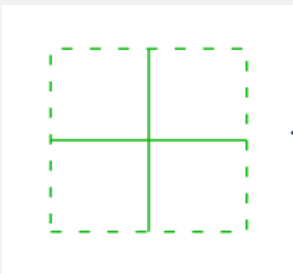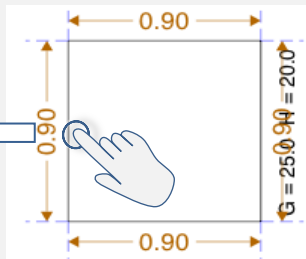
1 Select

2 Create a straight staircase

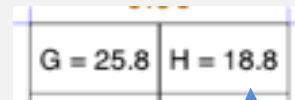**3** After lifting your finger, touch the screen in the same place

4 Move your finger to create the size of winder that is required, then lift your finger. Repeat if necessary.

Solution B

1.50 / G = 29.2 / 2.04 / 2.04 / 1.50

cut

1.84 / G = 34.2 / 1.77 / 1.50 / H = 21.4 / 1.50

Winder

H = 20.8 G = 17.8

With landings

G = 24.0 H = 20.0

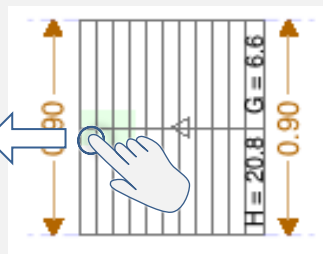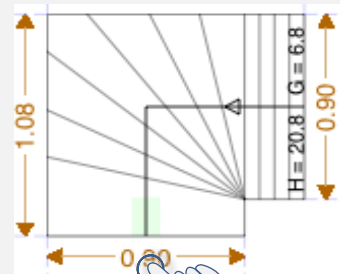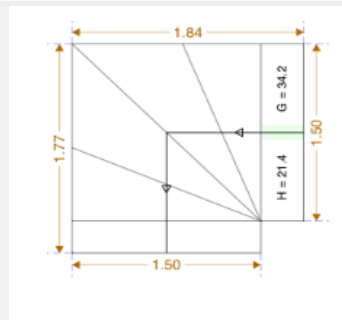|	
0.90	
G = 22.3	H = 20.0
G = 22.3	H = 40.0
G = 22.3	H = 60.0
G = 22.3	H = 80.0
G = 22.3	H = 100.0
G = 22.3	H = 120.0
G = 22.3	H = 140.0
G = 22.3	H = 160.0
G = 22.3	H = 180.0
G = 22.3	H = 200.0
G = 22.3	H = 220.0
G = 22.3	H = 240.0
G = 22.3	H = 260.0

2.90

2.90

6.00   0.90
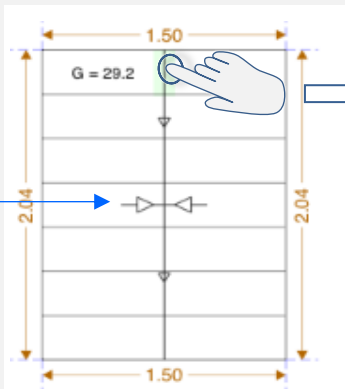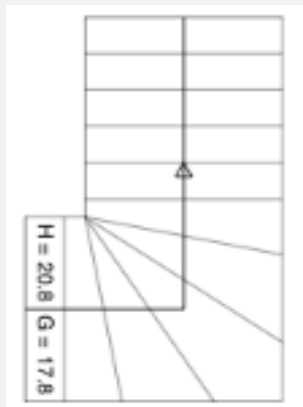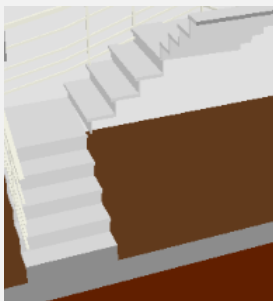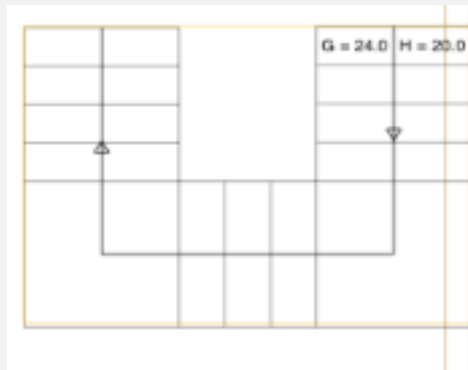
Zoom

Select the staircase

The values for all steps will be displayed
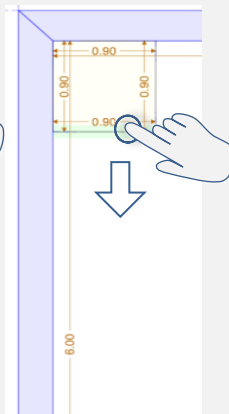
1   **2**   **3**   **4**

Height between the staircase step and the slab (in red if the previous step is limited)

Example floor opening cut out
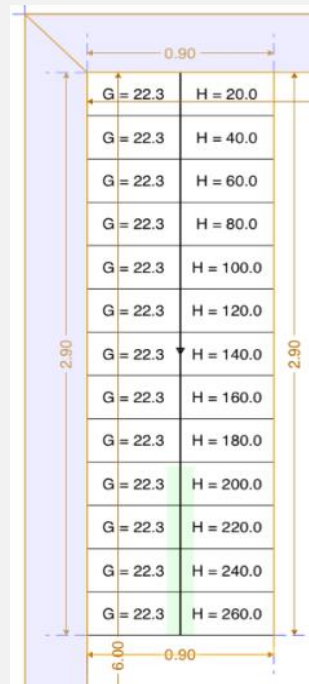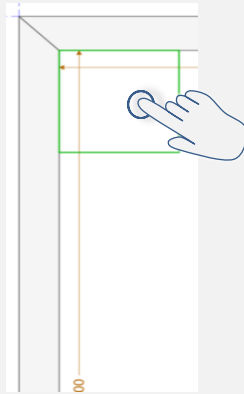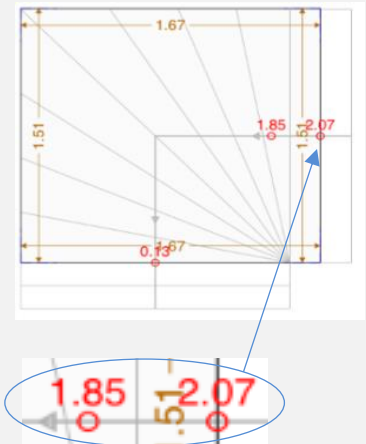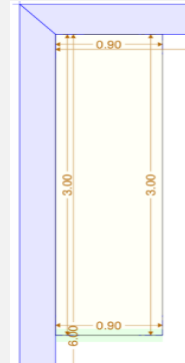
1   **2**   **3**

cut

Furnitures

1

- Table
- Coffee table
- Kitchen block
- Sink (single)
- Sink (dual)
- Cooktop
- Oven
- Fridge
- Kitchen hood
- Shelf

2

3

99.4
90.4
90.4
99.4
5.43
4.83
3.62
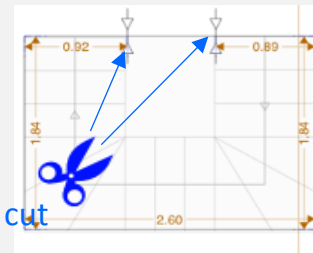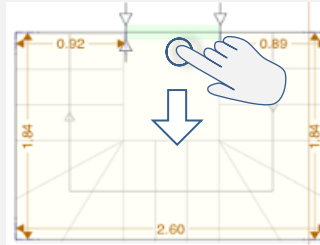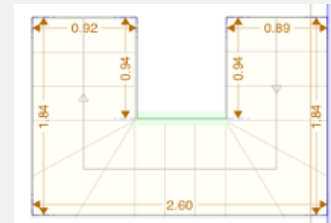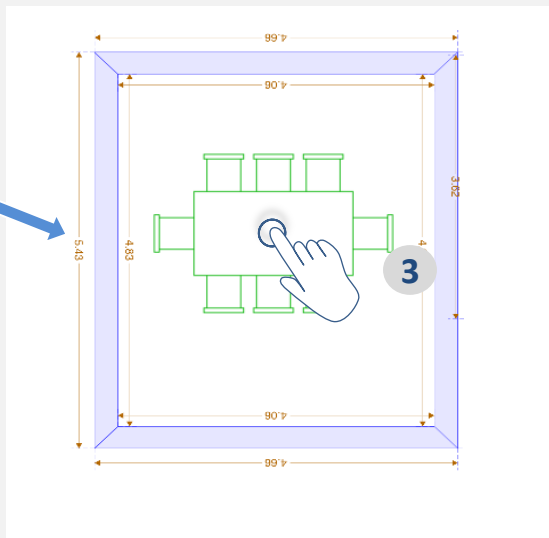
1 Open the furniture choice panel,

2 Tap the type of furniture you want to add,

3 Place your finger where you would like to position the furniture.

Furniture will automatically align itself with the nearest wall

Info: overlaying multiple items of furniture at different heights is possible

Resizing furniture

0.90
0.79

0.90
1.60

0.90
3.05

Double Tap
to open the dialog box

Kitchen hood

Width	90	cm
Depth	50	cm
Height	60	cm
Height from floor to bottom		
	150	cm

Ok

1.04
0.90
2.87
1.2?
1.60
0.75

0.90
1.60

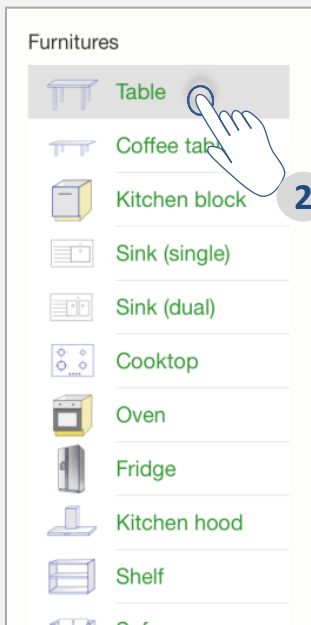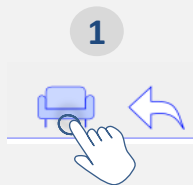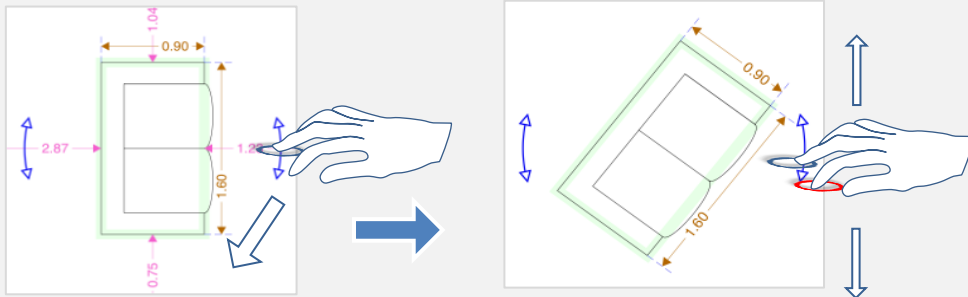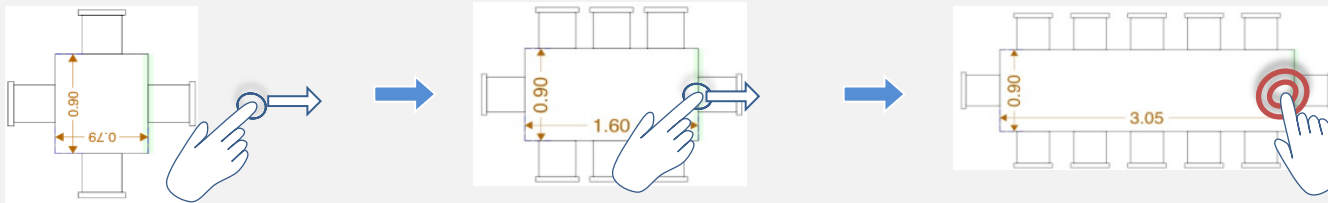During rotation, you can put a second finger on   the
screen to temporarily translate the object,
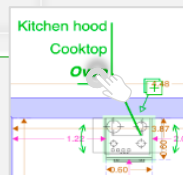
Tip: to resize furniture that has been placed on top of other furniture,
 you select items and move it

Kitchen hood
Cooktop
Ov

Examples of automatic furniture modification

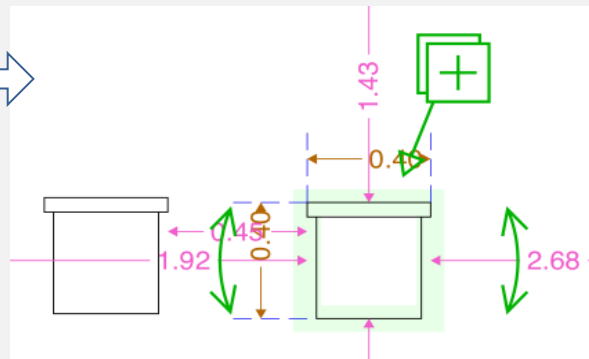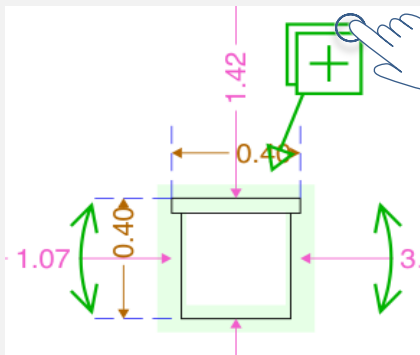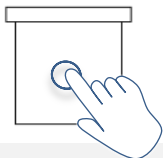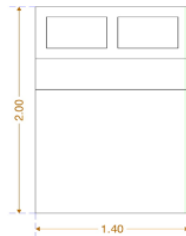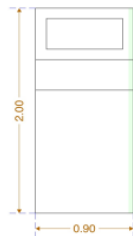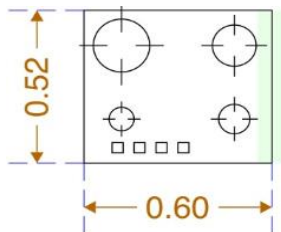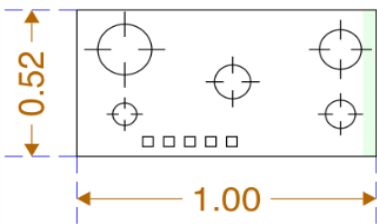### Kitchen block

Fridge

Plan 2D

Generate plans
Create plan images in photo album or a PDF file

Photos – PDF – e-mail - cloud

‹ Plan

Plan generation

Scale
| 1 / 25 |
| 1 / 50 |
| 1 / 100 |
| All on one page |
| All on two pages |
| All on four pages |
| 1 / 24 (1/2" = 1ft) |
| 1 / 48 (1/4" = 1ft) |
| 1 / 96 (1/8" = 1ft) |

Paper format
| Letter US |
| Legal US |
| A4 |
| A3 |

Landscape ⬤

Black and white image ○

Resolution 300 DPI 600 DPI

Generation options
Include furniture	⬤
Oriented to page axis	○
Draw compass	○
Use small fonts	⬤
Draw dimensions	⬤
Draw angles	○
Draw page names	⬤
Draw project name	⬤
Draw date	⬤

Generate photos   📄 Generate PDF

On the **left side,** select paper format and scale. The plan may need several pages depending on those settings.

On the right side, select generation options..

Tap on Generate photos to create plan image in your photo album

Tap on **Generate PDF** to create a **PDF file** which can be sent by **email** or sent to **the cloud** (iOS 8 only)