

# Vienna Patio Package Design

Patio Package A - Vienna

How-to sheet #500

Page 1



[Watch the video here](#)



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Create a versatile outdoor room using the AB Courtyard Collection from Allan Block. The Vienna package creates an open area with defined borders that provides a spacious and inviting place to entertain. The walls can be used as built-in seating with posts or columns to define the entrance.

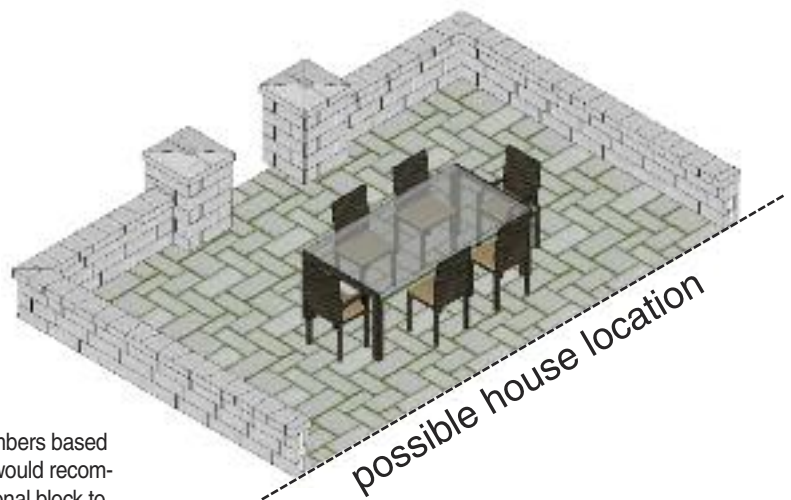
## Provided are instructions to build the following:

- Posts/Columns
- Corners
- Wall Panel Sections
- Finished Ends

## Number of blocks needed for this project:

- 36 AB Dublin (TOTAL)
  - 2 AB Dublin cut in half
  - 8 AB Dublin cut at raised ring
- 60 AB York
- 52 Corner Block (TOTAL)
  - 2 Custom Cut Corner Blocks
- 50 Wall Caps
- 4 Post Caps
- Flexible Concrete Adhesive

These are the exact numbers based on our installation. We would recommend purchasing additional block to accommodate for design changes, shipping or breakage.



This project is being built on a paver patio that is 12 ft x 19 ft and is 228 ft<sup>2</sup> (3.6 m by 5.8 m and 21 m<sup>2</sup>) For information on building the paver patio, see ICPI.org.

## Blocks used in this project.

AB Dublin Block



AB York Block



Corner Block



Wall Cap



Post Cap

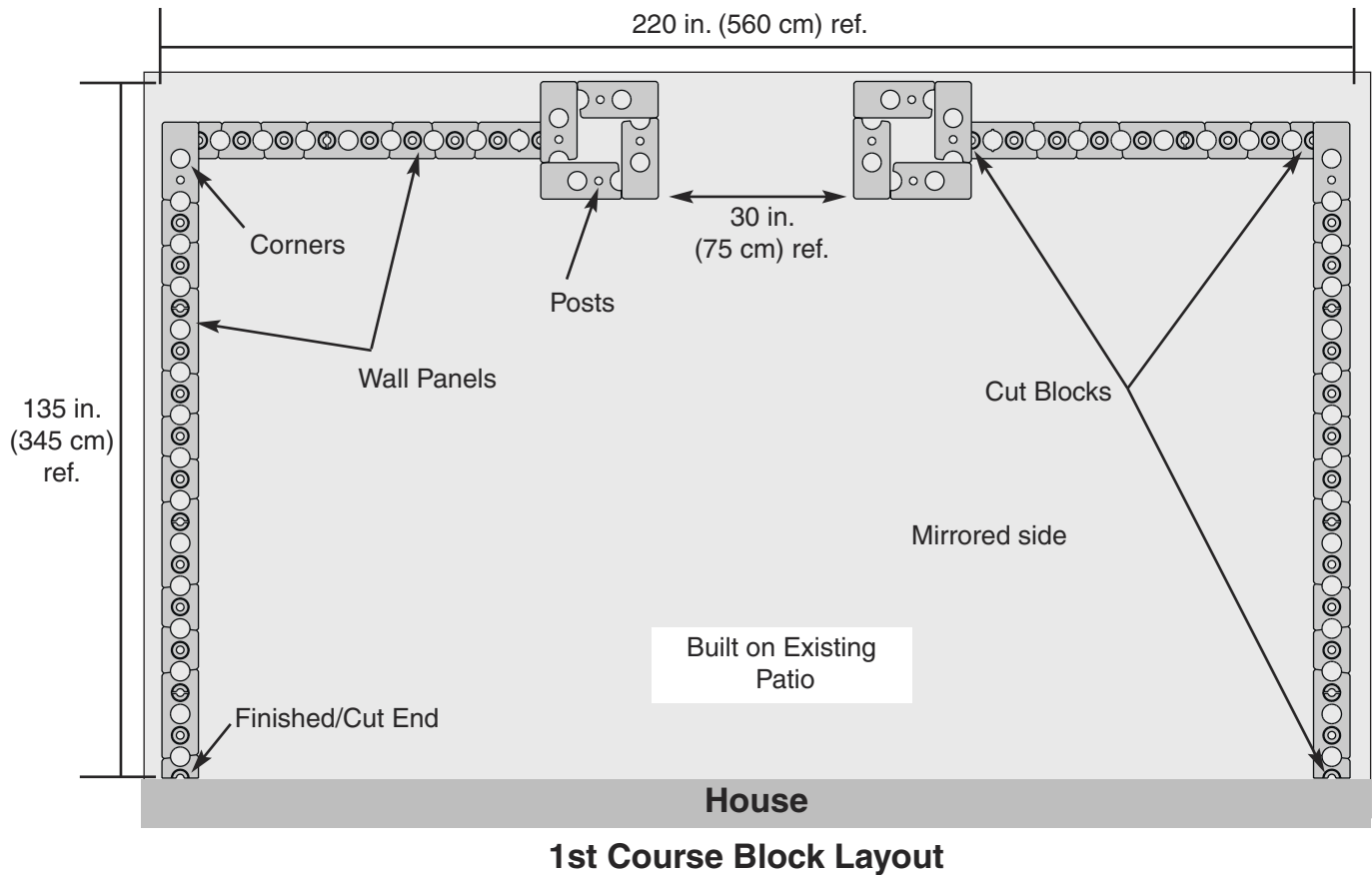


For a complete library of AB Courtyard Collection [How-to sheets](#) and [videos](#) visit [allanblock.com](http://allanblock.com).

# Installation

Building the Vienna package will require cutting some blocks. See the [Reference Guide for Building with AB Courtyard](#) and [How-To Sheet #210](#) for more detailed information.

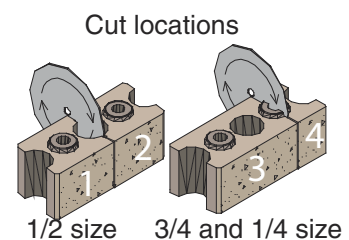
This project will easily fit in a 12 ft by 19 ft space (3.6 m by 5.8 m). These basic instructions can be modified to fit a different patio size by extending or shortening the wall panel sections. This layout is designed to be built right out from a house. These instructions will show you how to build one side of the layout, with the opposite side to be installed exactly the same. The dimensions (ref.) are to give an overall scope of the project only.



### Some of the tools you will need:

- |                          |                |
|--------------------------|----------------|
| Saw with a diamond blade | Gloves         |
| Level                    | Tape Measure   |
| Square                   | Safety Glasses |

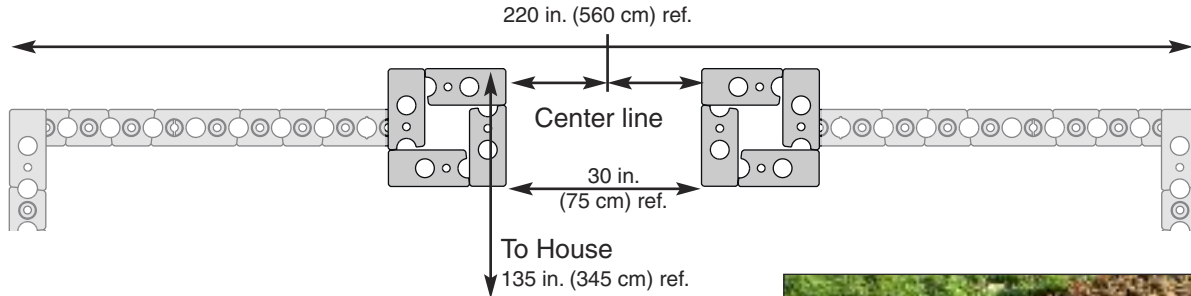
Some AB Dublin blocks will need to be cut to build this package. They will be referenced as 1-4 in the following pages.



# Installation

## Step 1 Determine Post /Column Locations

Start by locating the placement of the posts. The open space and the posts should be centered on the patio. The opening can be larger, if changed during construction, this will leave a few extra blocks at the end.



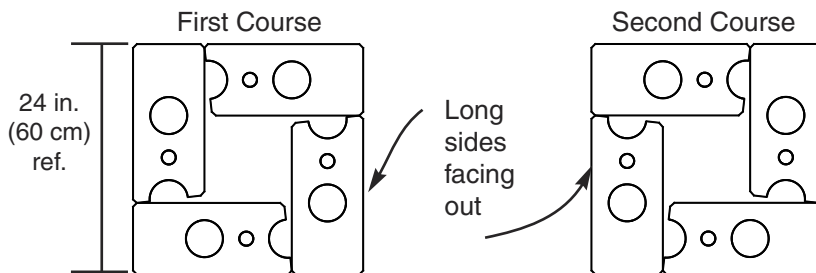
Install the first course of the post/column with 4 Corner blocks with the long sides facing out. Then align them with a square making adjustments as needed. Shims can be used to help level the blocks if the existing surface is not level.

On the second course, place the Corner blocks so that they overlap the blocks beneath them. This pattern will offset the vertical seams.

See [How-to sheet #220](#) for more information on building posts/columns.



Determine Layout



1st Post Course

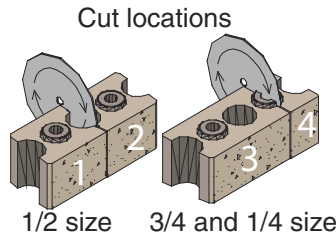


2nd Post Course

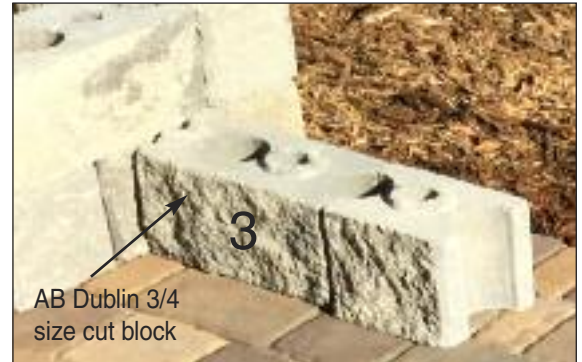
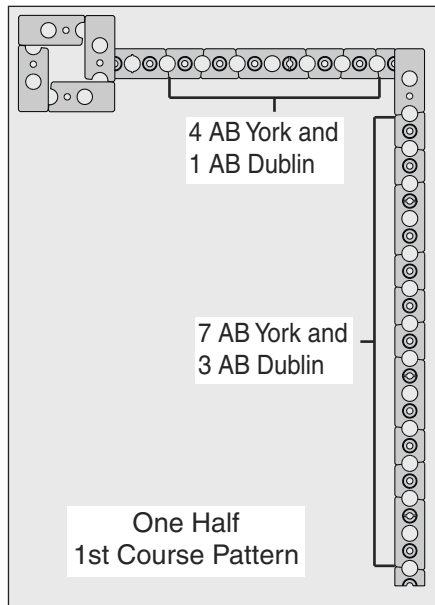
# Installation

## Step 2 Start the Wall Panel

When stacking wall panel sections, building the first 2 courses at the same time will help with proper alignment. To start this section, use an AB Dublin cut at the raised ring, install the 3/4 sized block centered on the side of the post with the cut side facing the post to create a finished look.



Stack 4 AB Yorks and 1 AB Dublin block in the order chosen to reach the location of the corner.



1st block of panel



Ending at Corner



Build Corner

Place the 1/4 size cut piece followed by a corner block to build the corner.

Continue stacking 7 AB York and 3 AB Dublin blocks to the end of the section. This wall will finish with a 1/4 sized cut block that will meet up with an existing structure (house). If the end will not be meeting up with an existing structure, you can replace the cut block with a corner block for a finished end.

When ending with a corner block, the 2nd course will need a custom cut corner block to continue the vertical ending.

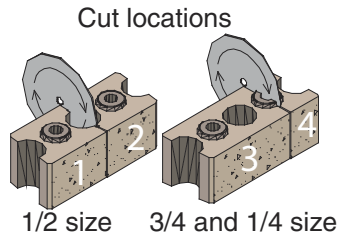


Finished Ends

# Installation

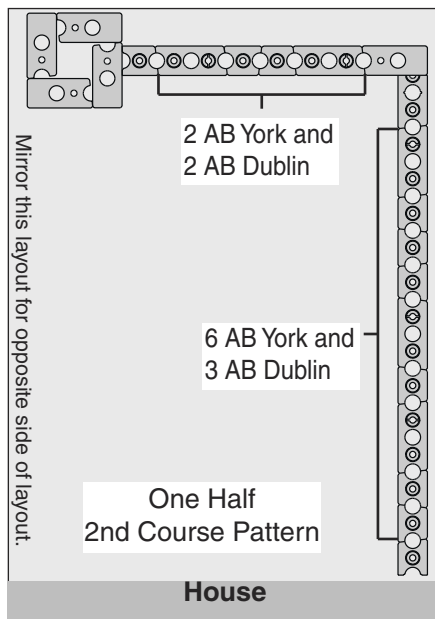
## Step 3 Wall Panel 2nd Course

To start the second course, cut another AB Dublin Block, this time in half. This will ensure the blocks line up properly and the seams are offset from the course below. Place the cut side against the side of the post. Then using the 2nd course pattern, stack 2 AB York and 2 AB Dublin blocks to build this section. At the end, finish with a corner block.



1st Block of Second Course

Start the next wall section with a 1/4 sized cut AB Dublin block, with the cut side placed against the corner block. Then place 6 AB York and 3 AB Dublin to the end of the wall section.



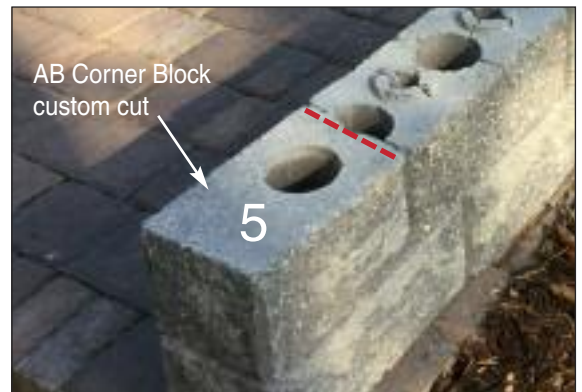
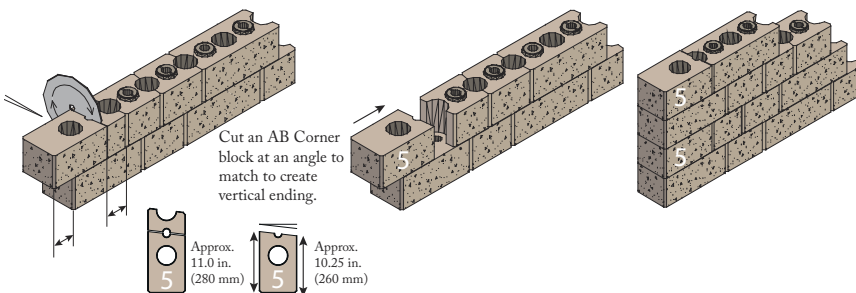
Build Corner

Finish with an AB Dublin that is cut in half to meet up with the existing structure. If a finished end is desired, a corner block will need to be custom cut to fit the space to create a vertical end. See the [Courtyard Reference Guide](#) for more information and options.



Finished Ends

## Finishing with a Vertical End



# Installation

## Step 4 Build up the Courses

With two courses of the wall panel in place, stack up 3 additional courses of corner blocks to raise the height on the posts. Install each course with the long side facing out and the vertical seams offset from the course below.

Using the same layout from the 1st course pattern stack up a third course of the wall panel using cut blocks to meet up with the posts, to create corners and at the ends if meeting an existing structure.

## Step 5 Capping

Finish each post/column with two Post Caps. To secure the Post Caps in place, apply a bead of flexible concrete adhesive along the outside edge of the top course of Corner blocks and then set the Post Caps in place.

Finish each wall panel with Wall Caps. Starting at the corner place the two Wall Caps following the wall in the same direction. Use Corner caps where the side of the cap will be exposed.

Place Wall Cap (A) with the long end facing the outside of the wall. Alternate the direction of the Wall Cap next to it for a straight wall.

Next place Wall Cap (B) on the other side of the corner. Place the short end of the Wall Cap facing the outside of the wall. Make adjustments as necessary to ensure they line up properly at the corner.

Where the Wall Caps meet the Posts, this block will need to be custom cut for the space and to create a flat side for a finished look.

Secure the Wall Caps in place with a bead of flexible concrete adhesive running along both sides of the raised rings on the top course of blocks and on the sides of each Wall Cap where the Wall Caps meet up with each other.



Corner Cap



Capping straight walls

