# Bistro Patio Package Design

Watch the video here

Create a versatile outdoor room using the AB Courtyard Collection from Allan Block. The Bistro package provides a perfect dining patio. Use the built-in area to add a dash of color with plants, create a water feature to bring a soft feel to the space or a firepit for cozy evenings with ambiance.

allanblock.com

Provided are instructions to build the following:
  Posts/Columns
  Wall Panel Sections

Number of blocks needed for this project:
18 AB Dublin (TOTAL)
      2 AB Dublin cut in half
      4 AB Dublin cut at raised ring
86 AB York
40 Corner Blocks
43 Wall Caps
 4 Post Caps
  Flexible Concrete Adhesive

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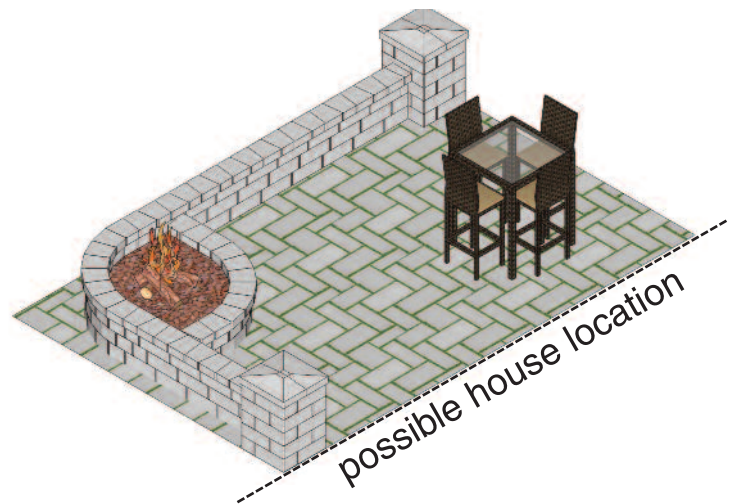
This project is being built on a paver patio that is 12 ft x 19 ft and is 228 ft^2 (3.6 m by 5.8 m and 21 m^2) For information on building the paver patio, see ICPI.org.

These are the exact numbers based on our installation. We would recommend purchasing additional block to accommodate for design changes, shipping or breakage.
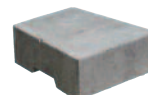
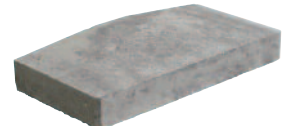| Blocks used in this project.				
AB Dublin Block	**AB York Block**	**Corner Block**	**Wall Cap**	**Post Cap**

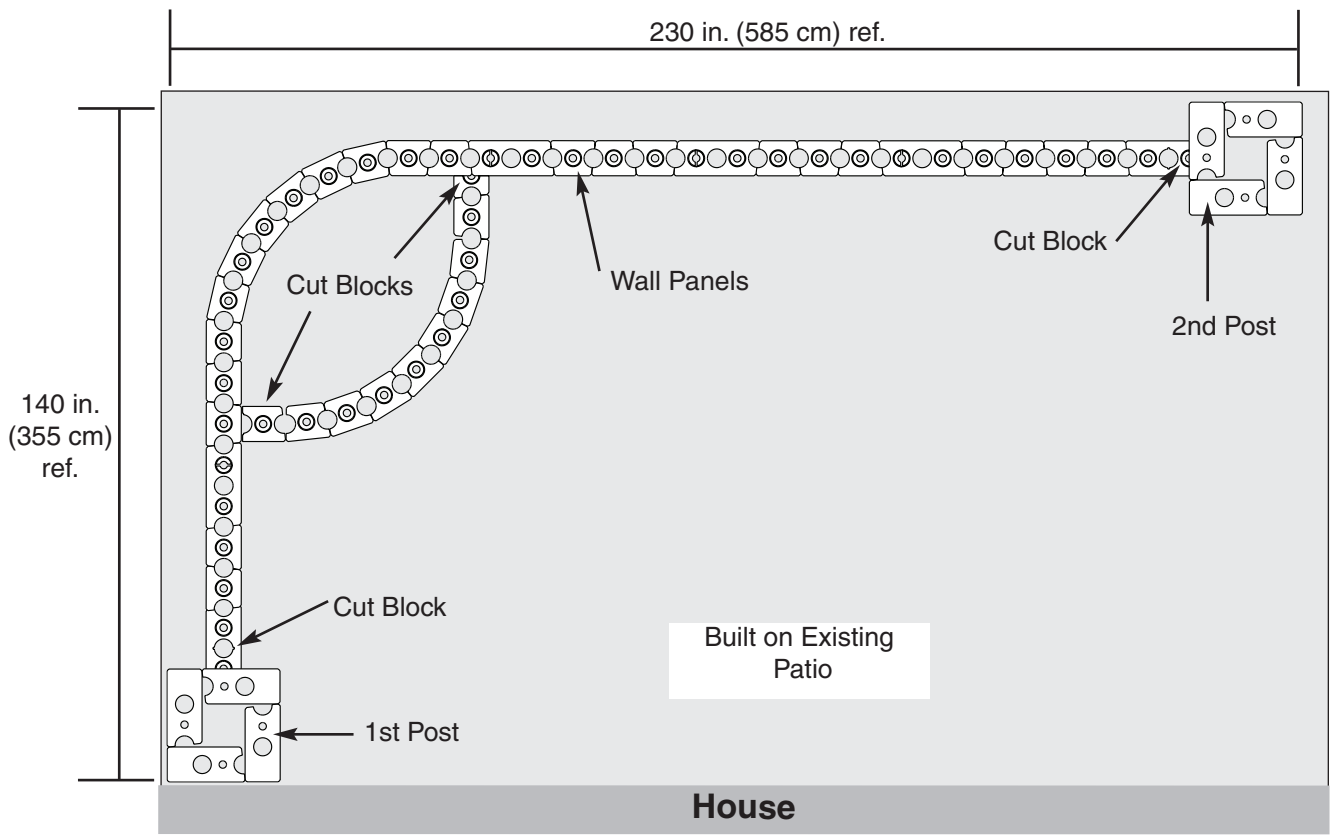
For a complete library of AB Courtyard Collection How-to sheets and videos visit allanblock.com.

Installation

Building the Bistro 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.
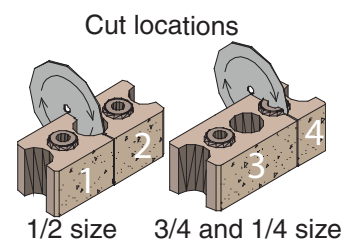
230 in. (585 cm) ref.

Cut Block

2nd Post

Cut Blocks

Wall Panels

140 in. (355 cm) ref.

Cut Block

Built on Existing Patio

1st Post

House

1st Course Block Layout

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.
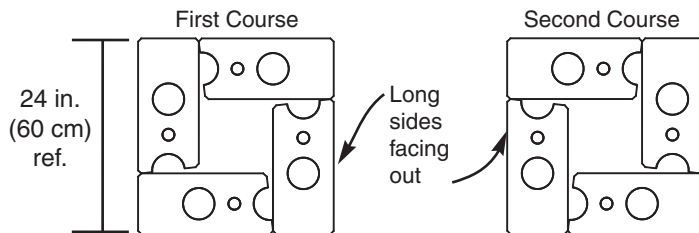
Cut locations

1/2 size   3/4 and 1/4 size

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Installation

Step 1   Install First Post

Start by locating the placement of the first post. The placement of the additional posts can only be done once the wall panels leading up to them are installed. The wall panels will determine their location. This will ensure custom cutting of all blocks does not occur.

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.

Build second
Build third
Build fourth
Build second
2nd Post
Build first
1st Post

First Course   Second Course

24 in. (60 cm) ref.

Long sides facing out

Install the second course of the post. 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.

NOTE: The additional posts as part of this layout cannot be built until the wall panel leading up to them has been built. The wall panel will determine where the next posts will be installed.   Building in this order will ensure every block meeting up with the post will not need to be custom cut.

First Post Course

Offset the vertical seams
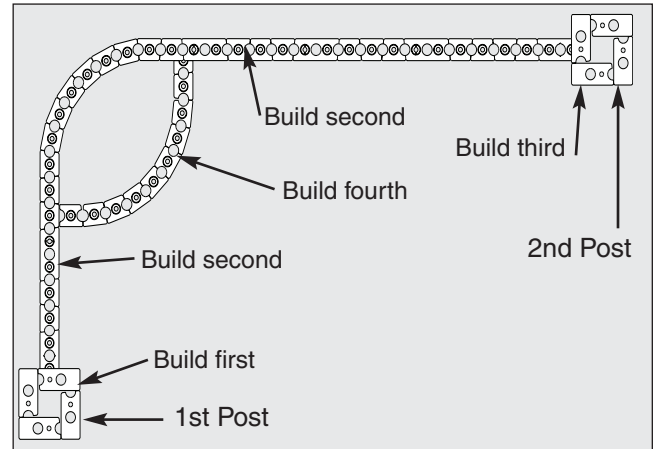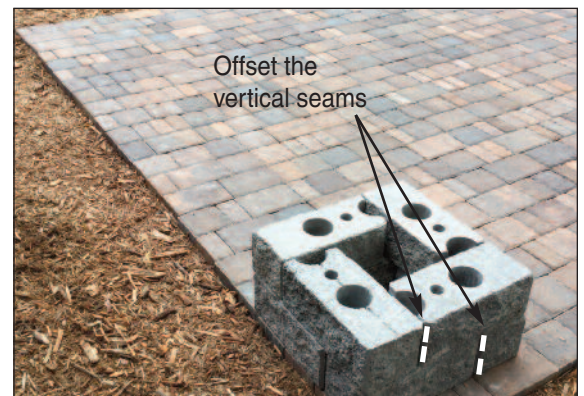
Second Post Course

Installation

Step 2   Wall Panel and 2nd Post

When stacking wall panel sections, building the first 2 courses at the same time will help with proper alignment.
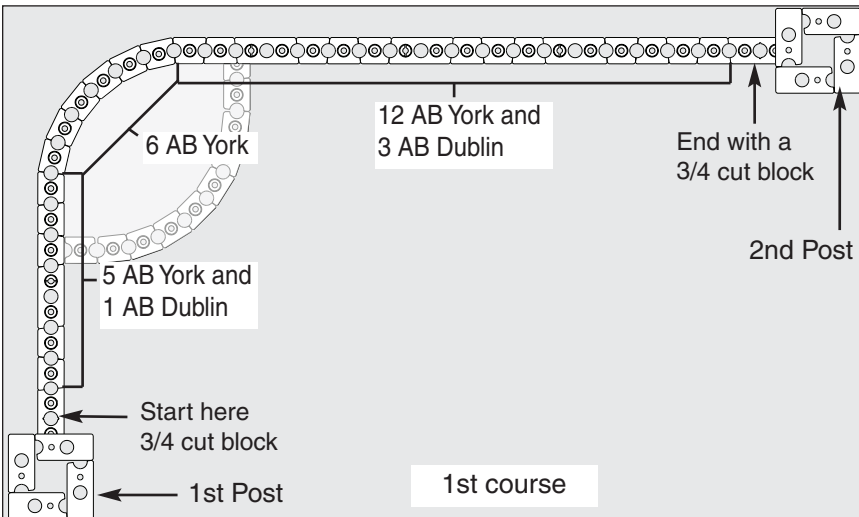
To start the wall panel, cut an AB Dublin at the raised ring to create a 3/4 and 1/4 size cut piece. Install the 3/4 size block centered on the post with the cut side facing the post to create a finished look.
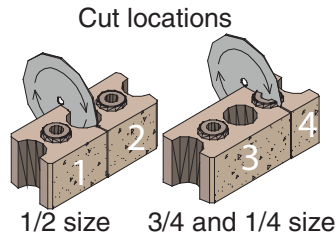
Then install 5 AB Yorks and 1 AB Dublin block in the pattern selected to create a straight wall prior to the start of the curve. Before beginning the curve check to make sure that the course will be angled correctly. The block needs to be angled toward the direction of the curve.
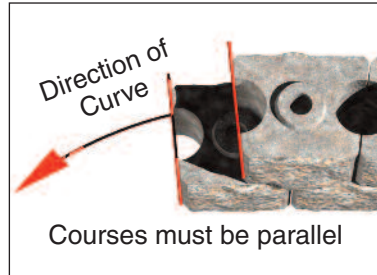
If the block to start the curve is angled the opposite direction, remove this block and slide the entire course over one block to correct to the proper angle. At the start of this section choose a different angled cut block or flip the cut block upside down. Another option is to remove another block that allows enough space to replace with an AB Dublin. See the Courtyard Reference Guide for additional options.

Cut locations

1/2 size   3/4 and 1/4 size

Direction of Curve

Courses must be parallel

6 AB York

12 AB York and
3 AB Dublin

End with a
3/4 cut block

2nd Post

5 AB York and
1 AB Dublin

Start here
3/4 cut block

1st Post

1st course

For the curve, install 6 AB York blocks with the long side of the block facing the outside of the curve.

At the end of the curve, place 12 AB York blocks and 3 AB Dublin blocks in the pattern selected or shown above to build the next straight section. At the end of this section, place another 3/4 cut block with the cut side facing out. This is where the 2nd post will be placed.

Using 4 Corner blocks install the first course of the 2nd post/column with the long sides facing out and centered on the wall panel as was done in Step 1. Then align them with a square making adjustments as needed.

Install the 2nd course of the 2nd post, offsetting the vertical seams from the course below.

AB Dublin 3/4
size cut block

Install cut block to start wall panel

Build the curve

AB Dublin 3/4
size cut block

Place a cut block at next post location

Post centered
on wall panel

Place a cut block at next post location

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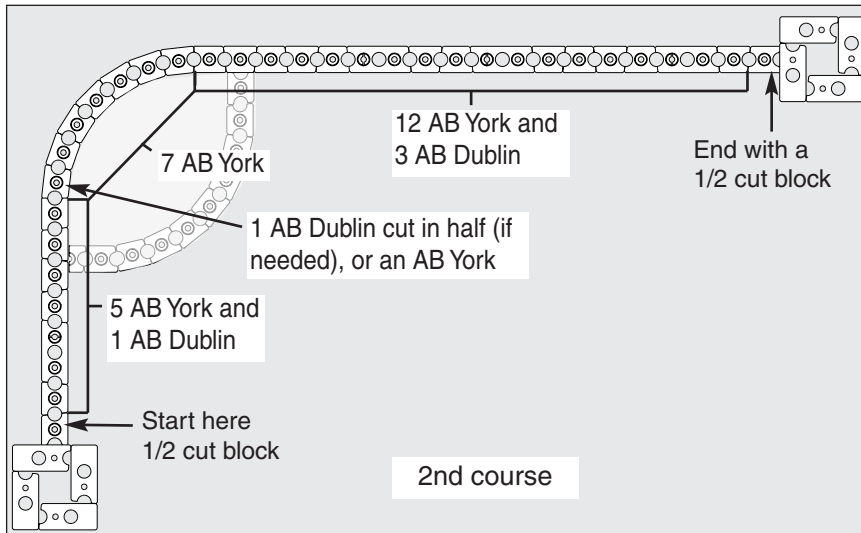
Installation

Step 3   Additional Courses

Using the same process as Step 2, build the 2nd course of the wall panel. Start with a 1/2 size cut AB Dublin block, with the cut side placed centered against the post. Then place AB York and AB Dublin blocks in the pattern below or one chosen that follows the wall panel of the first course.

7 AB York

12 AB York and
3 AB Dublin

End with a
1/2 cut block

1 AB Dublin cut in half (if
needed), or an AB York

5 AB York and
1 AB Dublin

Start here
1/2 cut block

2nd course

Cut Blocks

Second Course Wall Panel

At the start of the curved section, check to ensure the angle is correct when starting the curve. If the block to start the curve is angled the opposite direction, remove this block and slide the entire course over one block to correct to the proper angle. At the start of this section choose a different angled cut block. Another option is to remove another block that allows enough space to replace with an AB Dublin. See the Courtyard Reference Guide for additional options.

At the end the of the wall panel, place another 1/2 size cut block, with the cut side facing out to meet up with the 2nd post location.

Start with a
cut block

Install Additional Post Courses

Step 4   Build up the Courses

With two courses in place, starting with the posts, stack up 3 additional courses of Corner blocks to raise the height on both of the posts. Install each course with the corner blocks long side facing out and the vertical seams offset from the course below.
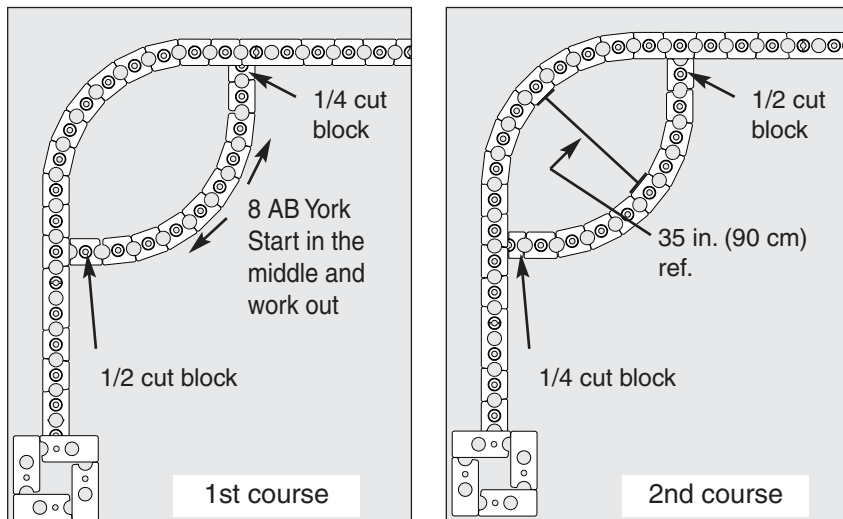
Next, stack the 3rd course of the wall panel in the pattern chosen or to match the 1st course. Start with a cut block and finish with a cut block.

Additional Post
Courses

3rd course of
wall panel

Installation

Step 5   Inside Wall

Using just the AB York blocks, build the curved front wall. Start in the middle of the curve and work out in both directions. Adjustments will be necessary for proper alignment on either end. Finish with cut blocks against the back wall. For this example we have used a 1/4 size and a 1/2 size cut AB Dublin block. It is not recommended to use a 3/4 size cut block.

1/4 cut block

8 AB York Start in the middle and work out

1/2 cut block

1st course

1/2 cut block

35 in. (90 cm) ref.

1/4 cut block

2nd course

Inside front wall

Start with a cut block

Once the blocks are in place and tight together, a second course can be installed. Place cut blocks against the back wall and fill in with AB York blocks. The cut blocks will need to be different from the course below so the blocks will stack up properly.

If using this area as a planter, we recommend securing the blocks in place with a bead of flexible concrete adhesive running along both sides of the raised rings.

Install Additional Post Courses

Install Additional Post Courses

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Installation

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 one post and working along the wall. At the 2nd post location a wall cap may need to be custom cut to fit the space and to create a flat side for a finished look.
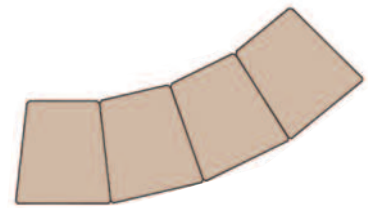
Finish the front wall with Wall Caps. Starting in the center and working out to the back wall. One or both caps may need to be custom cut where they meet the wall.

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.

See **How-to sheet #210** for more information on cutting **blocks and caps.**

Capping straight walls

Capping curved walls

Place two Post Caps on each post/column

Custom cut Wall Cap

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