

Merlot Patio Package Design

Patio Package C - Merlot

How-to sheet #510

Page 1



[Watch the video here](#)



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Create a versatile outdoor room using the AB Courtyard Collection from Allan Block. The Merlot package offers a large flowing space with soft curves to allow for a defined border with built in seating on the walls. The curves can be created as cozy nooks or use the whole space as an extension of your home entertaining.

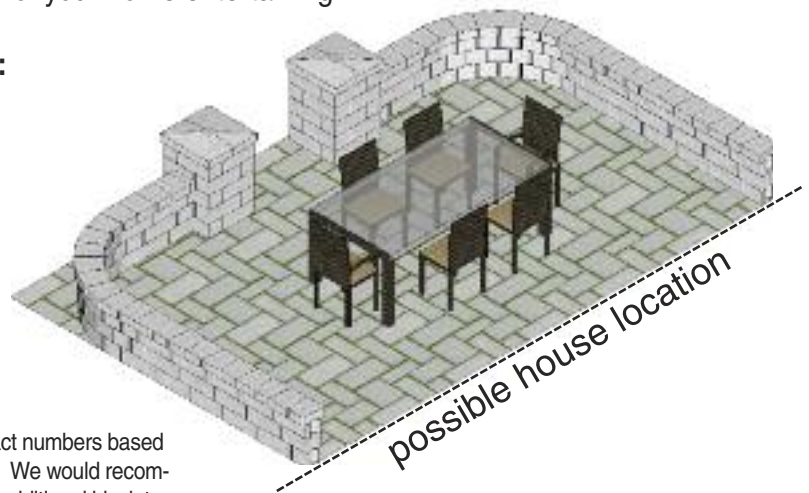
Provided are instructions to build the following:

- Posts/Columns
- Wall Panels with Curves
- Finished Ends

Number of blocks needed for this project:

- 26 AB Dublin (TOTAL)
 - 2 AB Dublin cut in half
 - 4 AB Dublin cut at raised ring
- 82 AB York
- 46 Corners (TOTAL)
 - 2 Custom Cut Corner Blocks
- 46 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 ft² (3.6 m by 5.8 m and 21 m²) 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

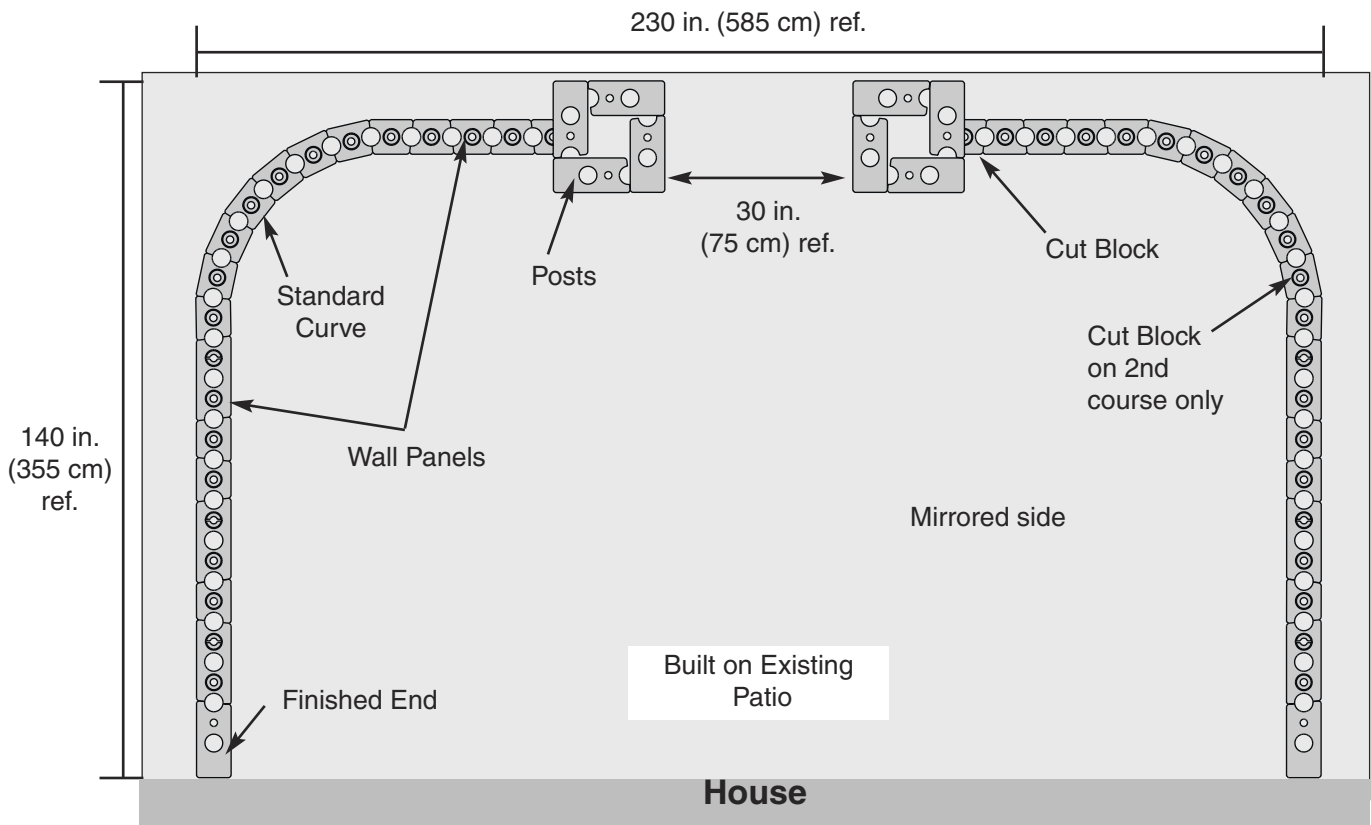


For a complete library of AB Courtyard Collection [How-to sheets](#) and [videos](#) visit allanblock.com.

Installation

Building the Merlot 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.

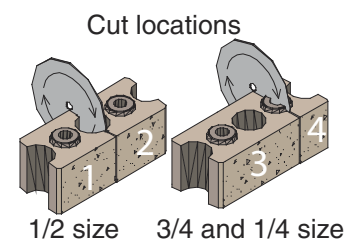


1st Course Block Layout

Some of the tools you will need:

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

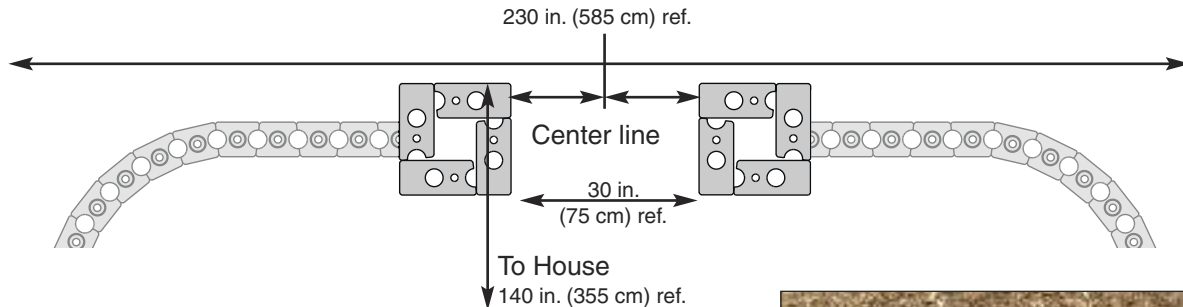
Some AB Dublin blocks will need to be cut to build this package. They will be referenced as 1-4 in the following pages.



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.



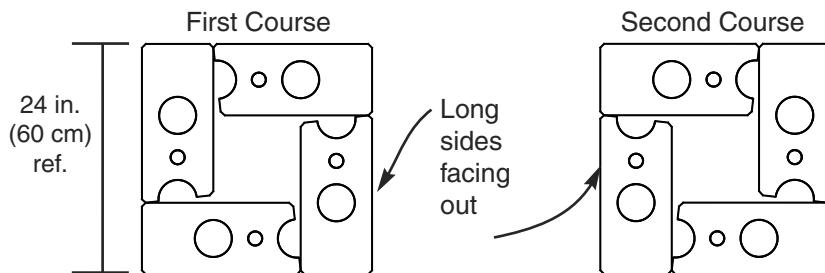
Install the first course of the post/column with 4 Corner blocks with the long sides facing out. Then align them with a square making adjustments as needed. Shims can be used to help level the blocks if the existing surface is not level.

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

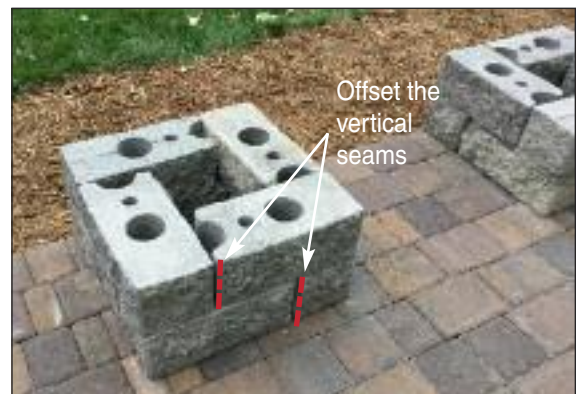
See [How-to sheet #220](#) for more information on building posts/columns.



Determine Layout



1st Post Course



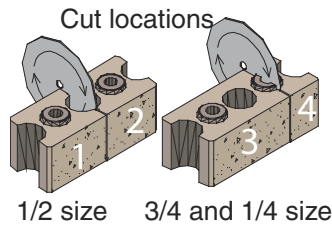
2nd Post Course

Installation

Step 2 Start the Wall Panel

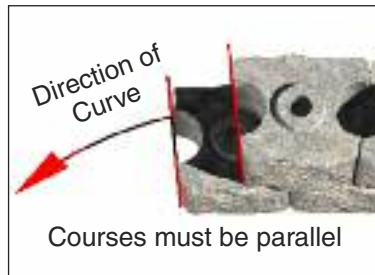
When stacking wall panel sections, building the first 2 courses at the same time will help with proper alignment.

To start the wall panel, cut an AB Dublin at the raised ring to create a 3/4 and 1/4 size cut piece. Install the 1/4 sized block centered on the post with the cut side facing the post to create a finished look.



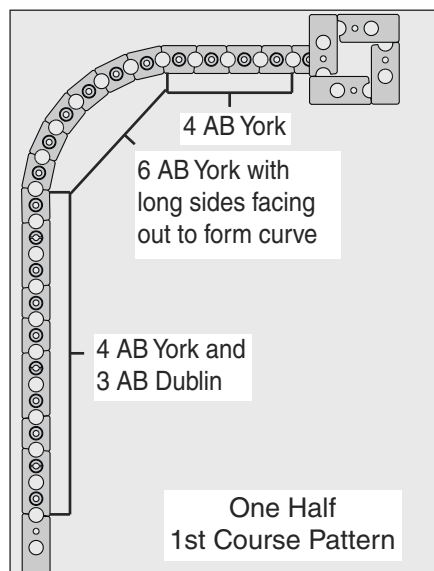
1st block of panel

Install 4 AB York blocks 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.



Ending at Corner

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.

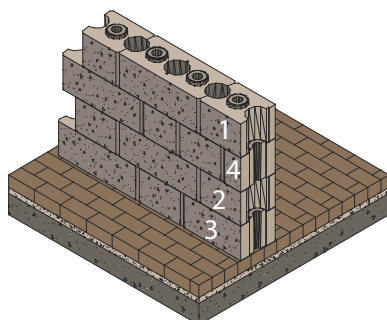


Finished End

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 4 AB Dublin blocks and 3 AB York blocks to build the next straight section.

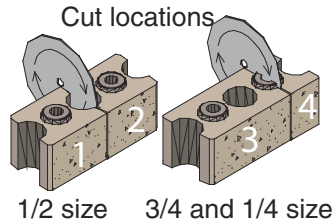
At the end place a Corner block if the end of the wall will be exposed. If meeting an existing structure like a house, place cut blocks to create a flat surface.



Installation

Step 3 Wall Panel 2nd Course

To start the second course, cut an 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 to start the wall panel. Then using the 2nd course pattern stack 1 AB York and 1 AB Dublin to the start of the curve. Ensure the angle of the last block is facing the proper direction to start the curve. See Step 2.



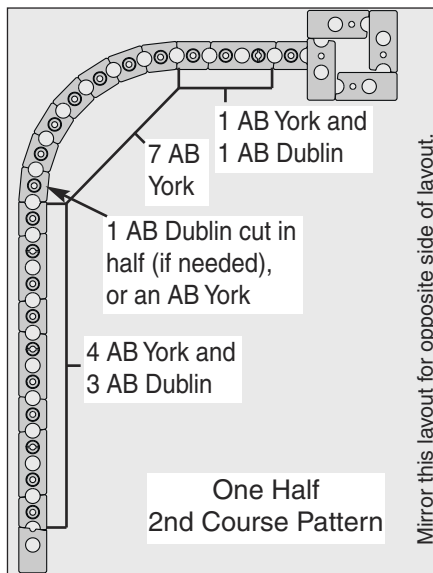
1st Block of Second Course

For the curve, install 7 AB York blocks with the long side of the block facing the outside of the curve. The last block to transition out of the curve may need to be a 1/2 cut block. Place this block as needed to correct direction of wall.

At the end of the curve, place 4 AB York blocks and 3 AB Dublin blocks to build the next straight section. At the end place a Corner block. This block will need to be custom cut to fit the space to create a vertical end.

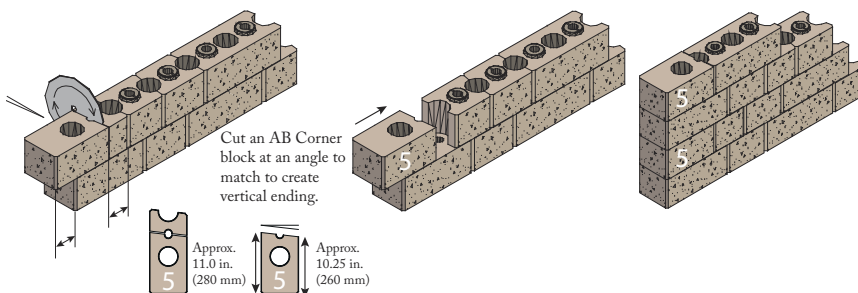


Transition out of curve



Finished Ends

Finishing with a Vertical End



Installation

Step 4 Build up the Courses

With two courses of the wall panel and post 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 a cut blocks to meet up with the posts to start the course.

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.

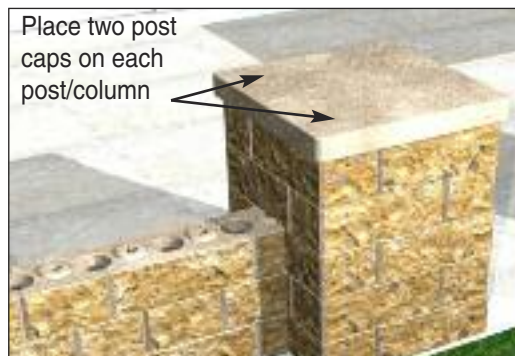
Finish each wall panel with Wall Caps. For proper alignment, start capping the wall at the curve and place the Wall Cap centered over two AB York blocks with their long ends facing out.



To transition the Wall Caps back to a straight section, alternate the direction of the Wall Cap. Secure the Wall Caps in place with a bead of flexible concrete adhesive along both sides of the raised rings and along the side of each Wall Cap.

Where the Wall Cap meets the Posts, this block will need to be custom cut for the space and to create a flat side for a finished look. At the end of the wall panel, use a Corner cap where the side of the cap will be exposed.

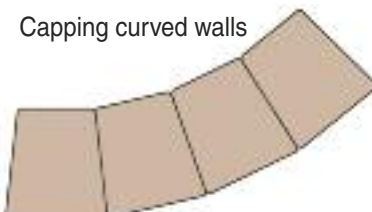
Corner Cap



Capping straight walls



Capping curved walls



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