

Fresco Patio Package Design

Patio Package J - Fresco

How-to sheet #545

Page 1



allanblock.com

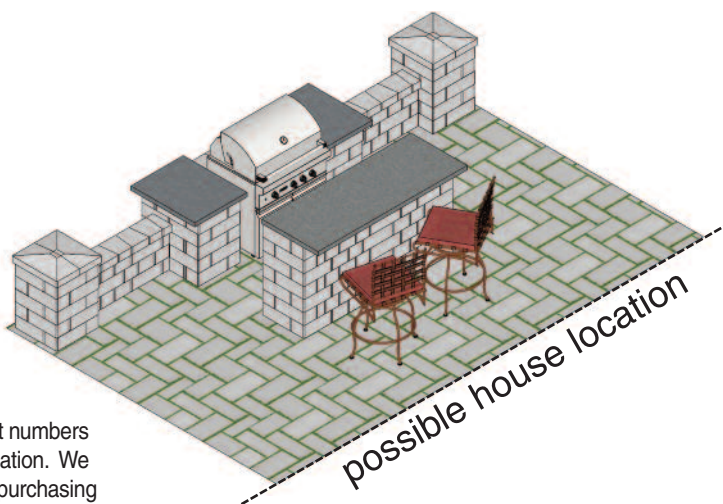
Create a versatile outdoor room using the AB Courtyard Collection from Allan Block. The Fresco package brings family and friends together, the perfect place to create some great times. Great for game day events or just to kick back and enjoy the outdoors.

Provided are instructions to build the following:

- Posts/Columns
- Grill Surround Element
- Wall Panel Section
- Free-Standing Bar Element

Number of blocks needed for this project:

- 33 AB Dublin (TOTAL)
 - 5 AB Dublin cut in half
 - 11 AB Dublin cut at raised ring
- 60 AB York
- 110 Corner Blocks (TOTAL)
 - 6 Custom Cut Corner Blocks
- 17 Wall Caps
- 4 Post Caps
- 3 Outdoor Countertop Materials
 - 2 - 24 in. x 32 in. (60 cm x 80 cm)
 - 1 - 36 in. x 104 in. (90 cm x 265 cm)
- 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



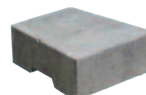
AB York Block



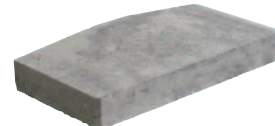
Corner Block



Wall Cap



Post Cap

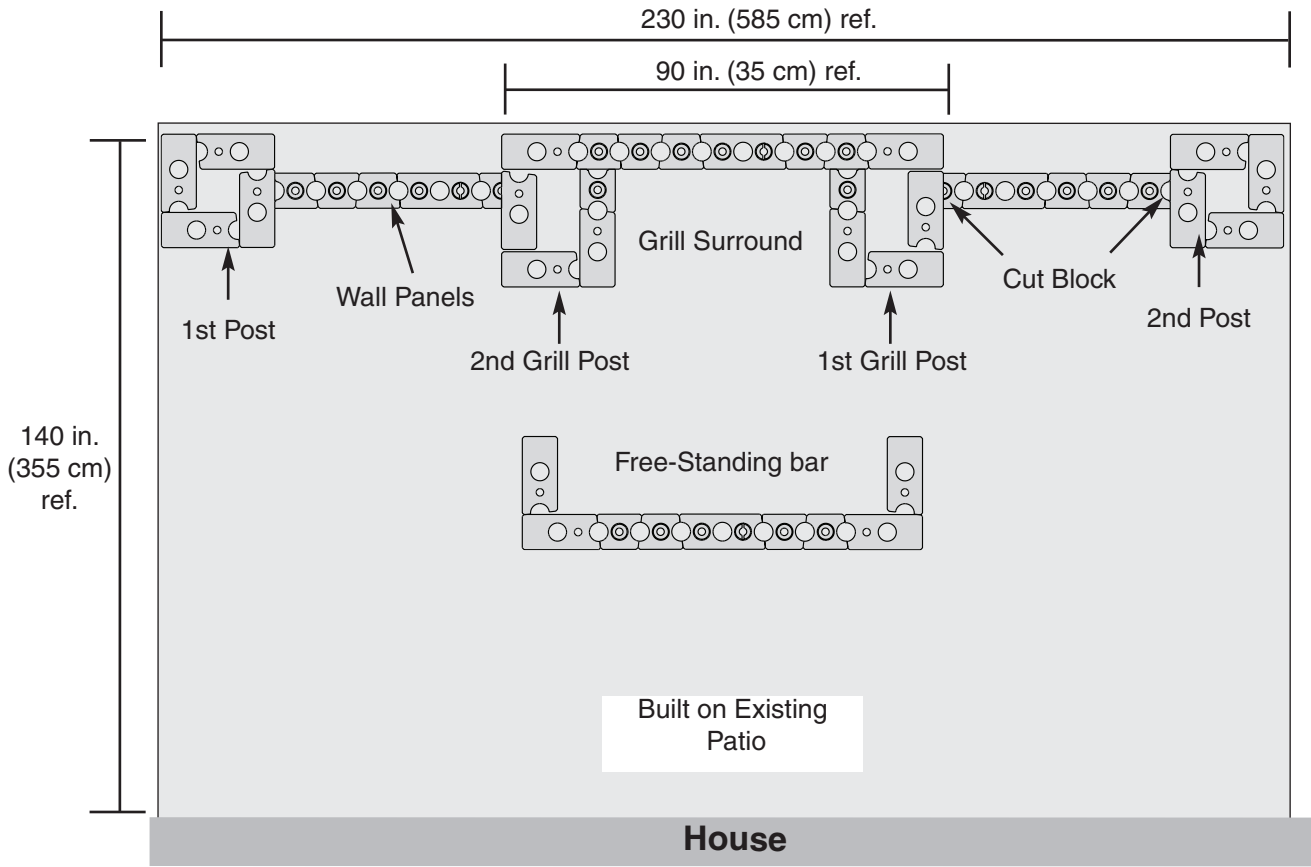


For a complete library of AB Courtyard Collection [How-to sheets](#) and [videos](#) visit allanblock.com.

Installation

Building the Fresco 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 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. The dimensions (ref.) are to give an overall scope of the project only.

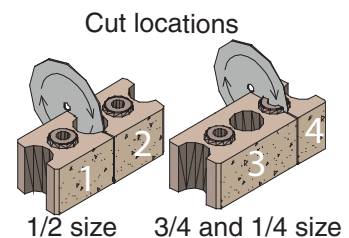


1st Course Block Layout

Some of the tools you will need:

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

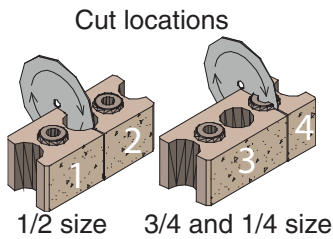
Some AB Dublin blocks will need to be cut to build this package. They will be referenced as 1-4 in the following pages.



Installation

Step 1 BBQ Grilling Station

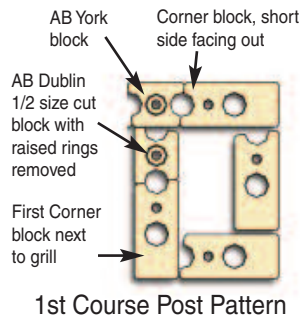
The dimensions of this BBQ grilling station in this example are 33 in. H x 30 in. D x 90 in. W (85 cm H x 75 cm D x 230 cm W) using a 39 in. (100 cm) wide grill. To accommodate a different grill size, simply add or remove an AB York block on every course in the back wall panel section. Each AB York block will adjust the length of the back panel by approx 8 in. (20 cm).



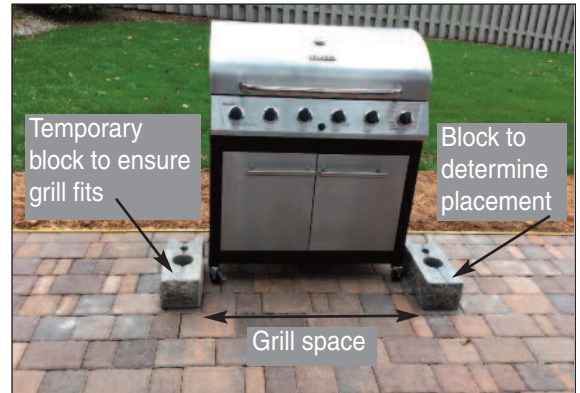
Step 2 Build the First Post/Column

Mark out the location of your grilling station. Measure a 90 in. (230 cm) space where the BBQ grilling station will be constructed. Place the grill in the middle of the space and set a Corner block to mark the location of the first grill post.

Using the pattern shown, using the first Corner block next to the grill, place 3 more Corner blocks, with one that has the short side facing out, then place an AB York block. To finish the post pattern, cut an AB Dublin in half to create two 1/2 size cut pieces. Using a hammer and chisel, remove the raised rings and place one of the cut pieces with the cut side against the corner block. This will provide a flat surface for the next course of blocks.



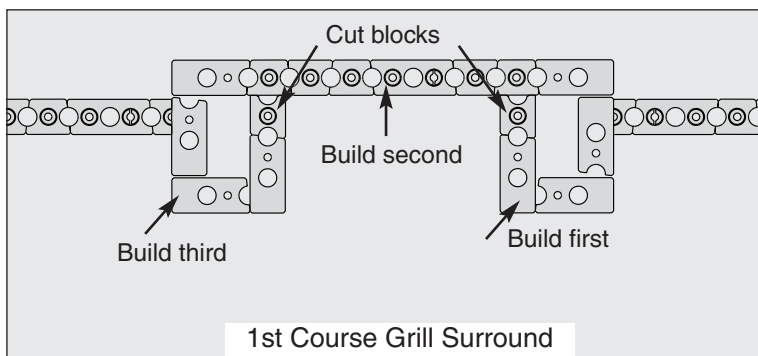
Use a square to line up the blocks to ensure your post/column is square. The patterns shown for these larger posts will be the same for both sides, just reversed.



Determine Grill Placement



1st Grill Post



Back Grill Surround Panel

Step 3 Build the Wall Panel and 2nd post

From the AB York at the back of the 1st post, install 1 AB Dublin and more 3 AB Yorks to build the wall panel to the location of the 2nd post and opposite side of the grill surround. Finish with an AB York and a Corner block to start the pattern of the 2nd post.

Using the same pattern as the 1st post install 3 more Corner blocks and 1 AB York and an AB Dublin 1/2 size cut piece with the raised ring removed. One of the Corner blocks will be the temporary block placed to ensure the proper opening for the grill is maintained. Slide this block in place, this may allow a slightly larger opening for the grill. If the block needs to be altered to move toward the grill space, another block will need to be added to the back panel to make the surround larger.



2nd Grill Post

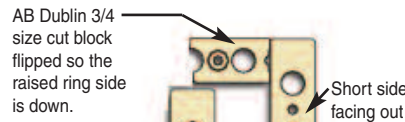
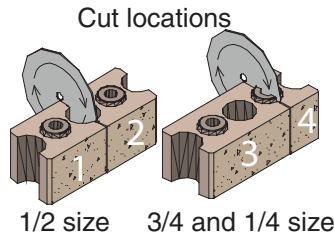
Installation

Step 4 Build the 2nd Course

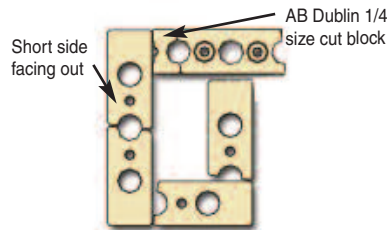
On the second course, place 4 Corner blocks so that they offset the blocks beneath them. For the last block in the post pattern and to start the wall panel, cut an AB Dublin at the raised ring to create a 3/4 and 1/4 size cut piece. Install the 3/4 sized block with the cut side against the Corner block and flipped upside down so raised ring is down. Follow with an AB Dublin block to finish the right Post on the 2nd course.

Build the back panel with 3 AB York and 1 AB Dublin block.

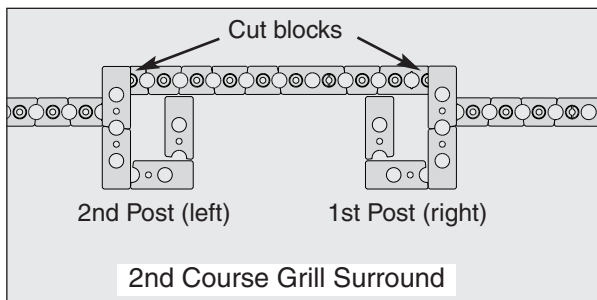
Next to finish the panel and start the pattern of the 2nd post, place the 3/4 size cut AB Dublin piece. Cut side facing out. Then install 4 AB Corner blocks so that they offset the blocks beneath them.



2nd Course Post Pattern - Right Post



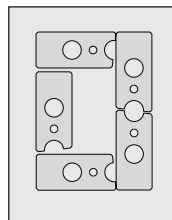
2nd Course Post Pattern - Left Post



Step 5 Additional Courses

By using the same patterns that were used for the 1st and 2nd courses, install the next two courses in the same steps.

For the top course, only the posts will increase one more course. Install 5 Corner blocks to cover the entire post area, offsetting the blocks from the course below. The wall panel section will be installed 1 block course less to allow for movement of the grill hood.



Top Course Grill Surround



1st Grill Post 2nd Course



2nd Grill Post 2nd Course



Completed 2nd Course



Repeat Course Patterns

Installation

Step 6 Capping

Finish the 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.

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.



Install Wall Caps

Step 7 Countertops

Choose a countertop material to fit your design. Set your countertops in place and check for level. Shims may be used if adjustments are necessary. Secure the countertops in place with flexible concrete adhesive, move the grill into place.



Completed Grill Surround

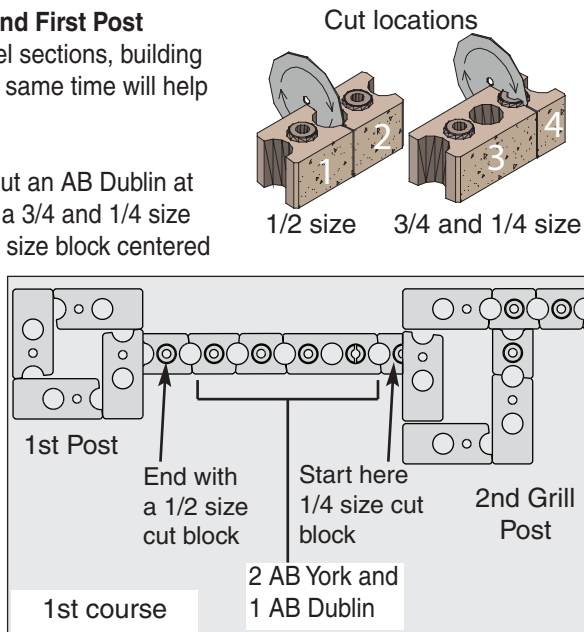
Installation

Step 8 Wall Panel and First Post

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

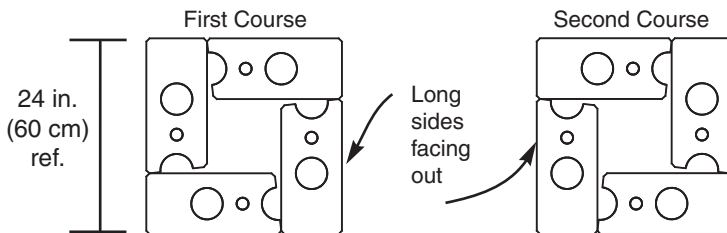
To start the wall panel, cut an AB Dublin at the raised ring to create a 3/4 and 1/4 size cut piece. Install the 1/4 size block centered on the post with the cut side facing the post to create a finished look.

Stack 2 AB Yorks and 1 AB Dublin block to the location of the 1st post. Finish the wall panel with a 1/2 size cut block. Place the cut side facing out.



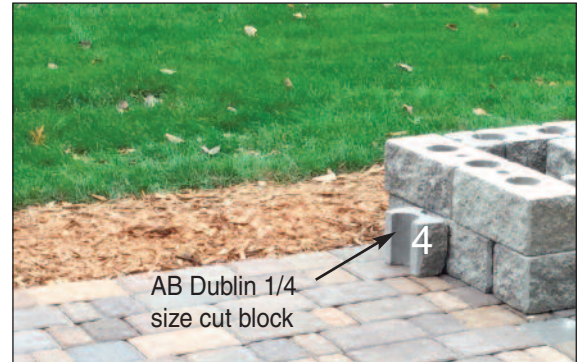
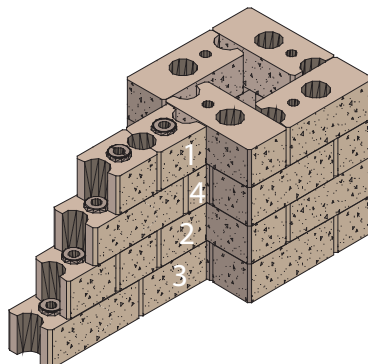
Install the 1st post using 4 Corner blocks with the long sides facing out centered on the wall panel and against the cut block. Then align post with a square making adjustments as needed.

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



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.

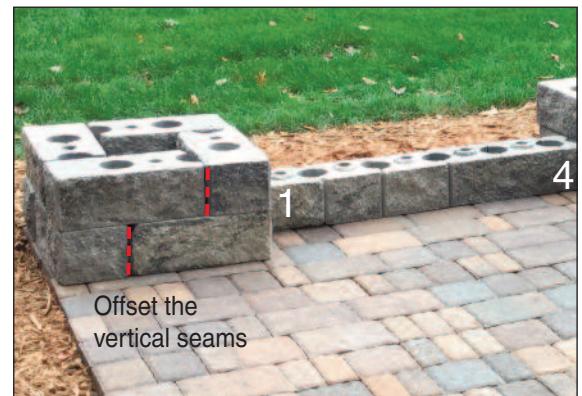
Note: Using cut blocks at the posts will give a clean finished look to the project.



Install Cut Block to Start Wall Panel



Install 1st course Wall Panel and Post

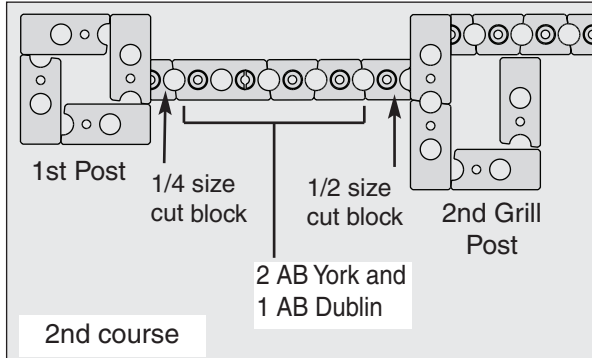


Install 2nd Course of Post

Installation

Step 9 Second Course of Wall Panel

Install the second course of the wall panel between the grill surround and first post. To ensure the blocks line up properly and the seams are offset from the course below, use a 1/2 size cut block. Place the cut side against the side of the grill post. Then stack 2 AB York and 1 AB Dublin blocks to build this section.



Finish with another 1/4 size cut block with the cut side against the 1st post. Make adjustments as needed.

Step 10 Additional Courses

With two courses in place, start with the post and stack up an additional 3 courses of the post using Corner blocks. 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 to match the 1st course. Start and finish with a cut block.

Step 11 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 each 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.

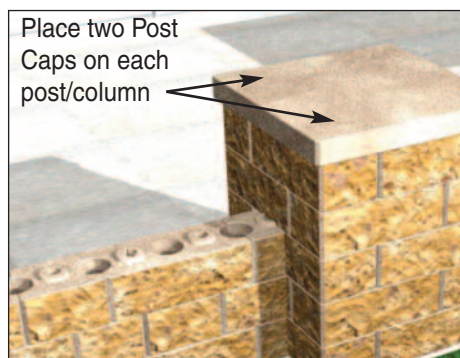
Secure the Wall Caps in place with a bead of flexible concrete adhesive running along both sides of the raised rings on the top course of blocks and on the sides of each Wall Cap where the Wall Caps meet up with each other.

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



Capping straight walls

Using steps 7-10, complete the opposite side of the project.



Install 2nd Course of Wall Panel



Additional Courses



Install Wall and Post Caps



Complete Opposite Side

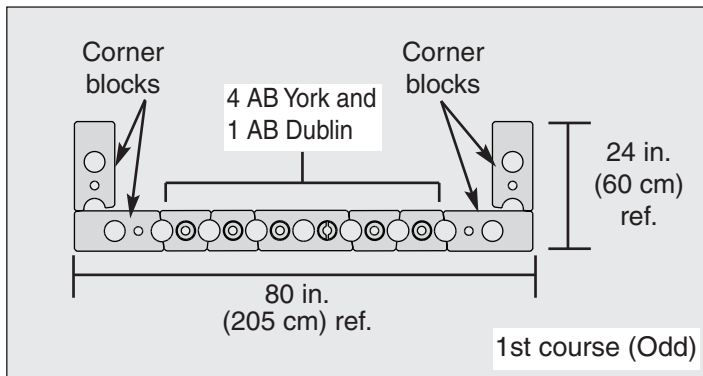
Installation

Step 12 Building 1st Course Free-Standing Bar

Start by locating the placement of the bar on the patio. Place the bar to allow one to walk behind easily and centered with the grill surround.

The final length of the bar will be 80 in. (205 cm) and 24 in. (60 cm) deep (ref). It can be adjusted longer or shorter by adding or removing blocks in the back wall panel.

Starting at the corner, install 2 AB Corner blocks perpendicular to each other, long side facing out, to make a 90 degree corner. Then install 4 AB Yorks and 1 AB Dublin block to build the back wall panel. Finish by installing 2 more Corner blocks to match the corner on the other side.



Determine Location for Bar



Build the First Course

Step 13 Build 2nd Course

On the second course, custom cut Corner blocks will be needed to create a vertical end on both sides, as well as 2 cut blocks to start the wall panel.

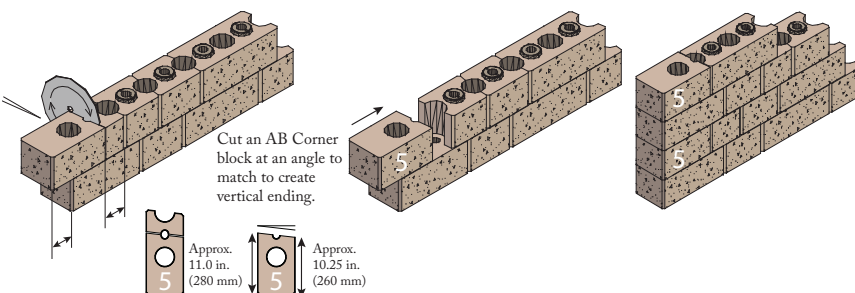
Start by placing one Corner block so that it is offset from Corner block below.

Measure the angled space to the end and custom cut 2 Corner blocks to complete the vertical end on both sides of the layout. On every other course, these Corner blocks will be cut to create a vertical end.



Build Back Wall

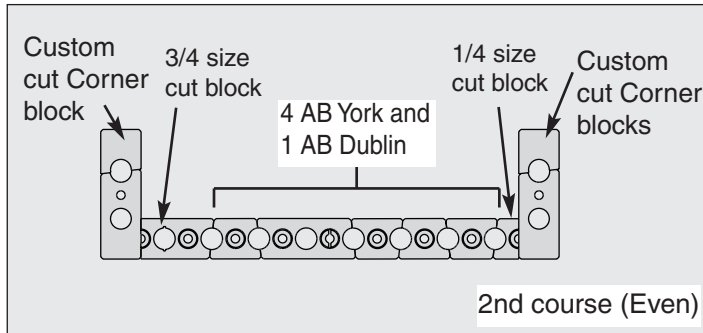
Finishing with a Vertical End



Build Back Wall

Installation

Build the wall panel starting with a 3/4 sized cut block. This creates a straight side to the block to place against the Corner block. Using 3 AB York and 1 AB Dublin, build the 2nd course of the back wall panel. At the next corner, end with a 1/4 size cut block, cut side out to meet up with the Corner block. Then measure and install another custom cut Corner block to finish the course.



Step 14 Additional Courses

With two courses in place, install an additional 4 courses using the same patterns from the courses below. Install the pattern from Course 1 on all odd courses and Course 2 on even courses.

On the 7th and top course, install the same pattern as was done on the first course (odd). This time place all of the blocks with the raised rings facing down. This creates a smooth surface for the countertop to be placed on.

Step 15 Countertop

Choose a countertop material to fit your design. Set your countertops in place and check for level. Shims may be used if adjustments are necessary. Secure the countertops in place with flexible concrete adhesive.



We recommend allowing for overhang of the countertop on the seating side of the bar. The size referenced here allows for a 12 in. (30 cm) overhang on both sides and front of the bar.



Install Additional Courses



Install Top Course



Install Countertop

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