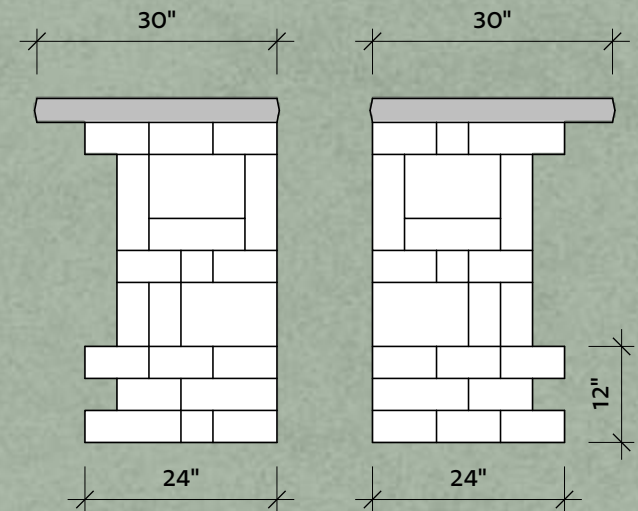
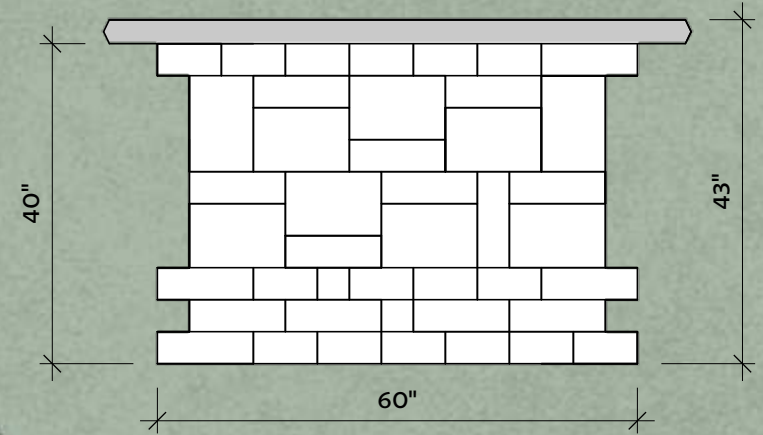
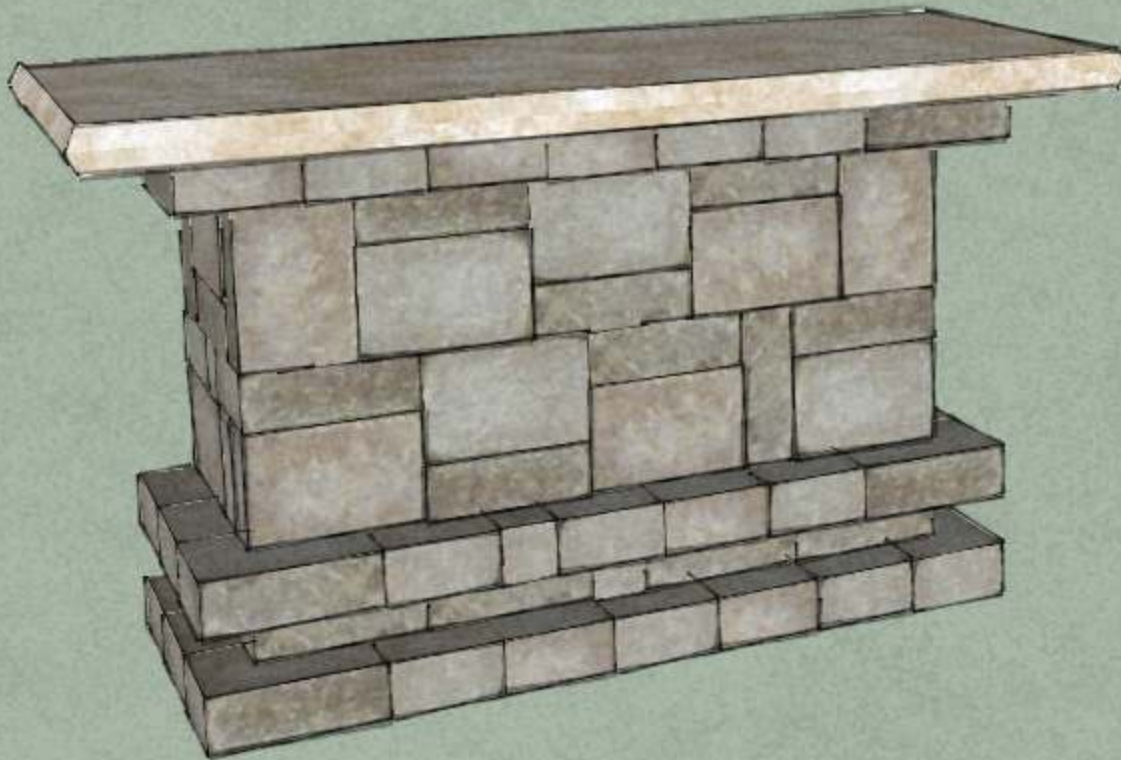


FBF4-7230

4-5 Person Freestanding Bar

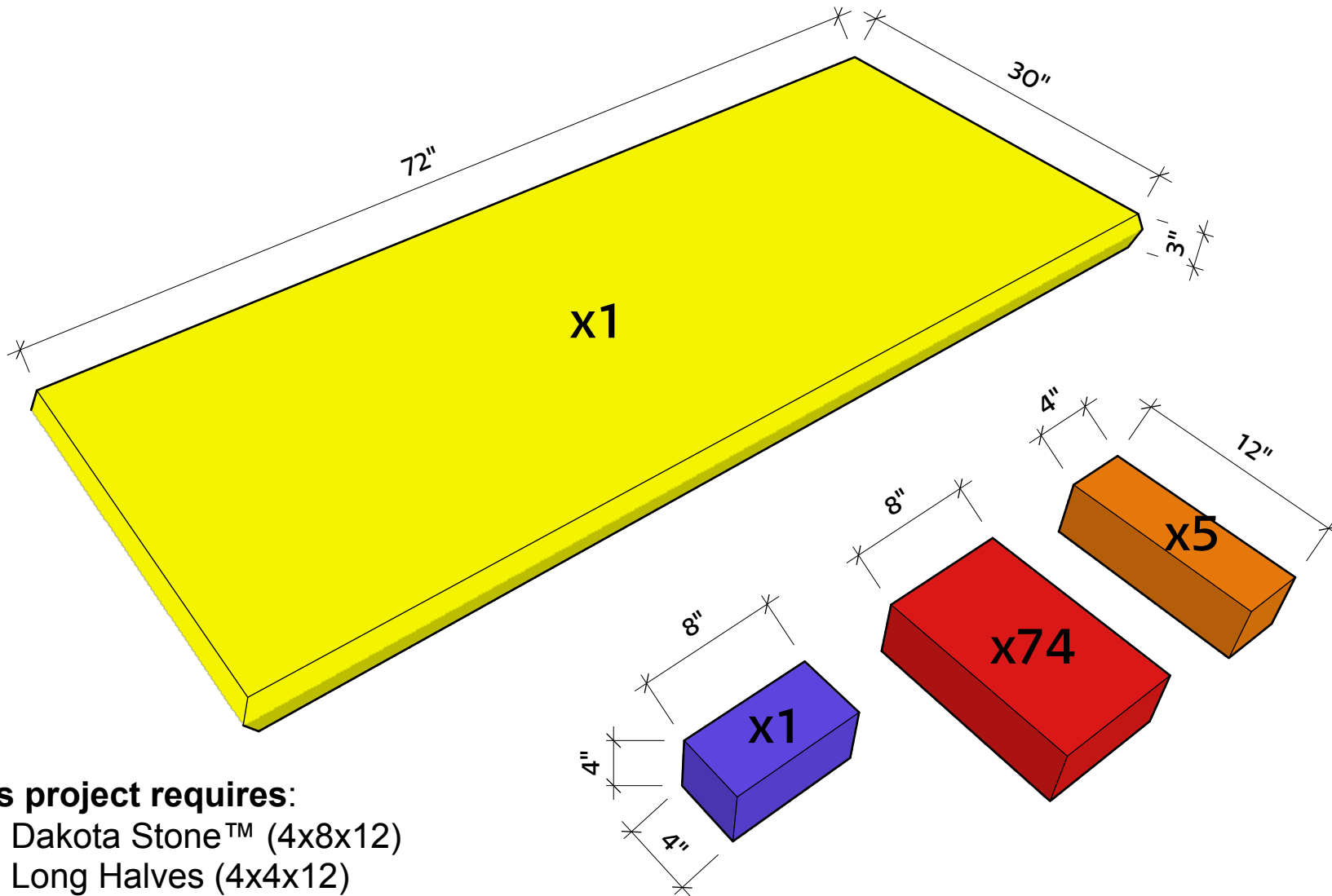
WATERLOO



Dakota Stone™

Step by step instructions for assembling
FBF4-7230 on a prepared surface/base.

**BUILD WITH
DAKOTA**



This project requires:

- 74 Dakota Stone™ (4x8x12)
- 5 Long Halves (4x4x12)
- 1 Third Block (4x4x8)
- 1 Countertop (30x72)
- 5 Tubes Adhesive

All sizes in this document are approximate.

When constructing your project, be sure to keep all blocks level, square, and plumb. Use a four foot level and check often. Starting on a level foundation is key. When gluing blocks together, be sure not to use too much adhesive - this will cause the blocks to "swim." A small bead is ideal.

Dakota Stone™

**BUILD WITH
DAKOTA**

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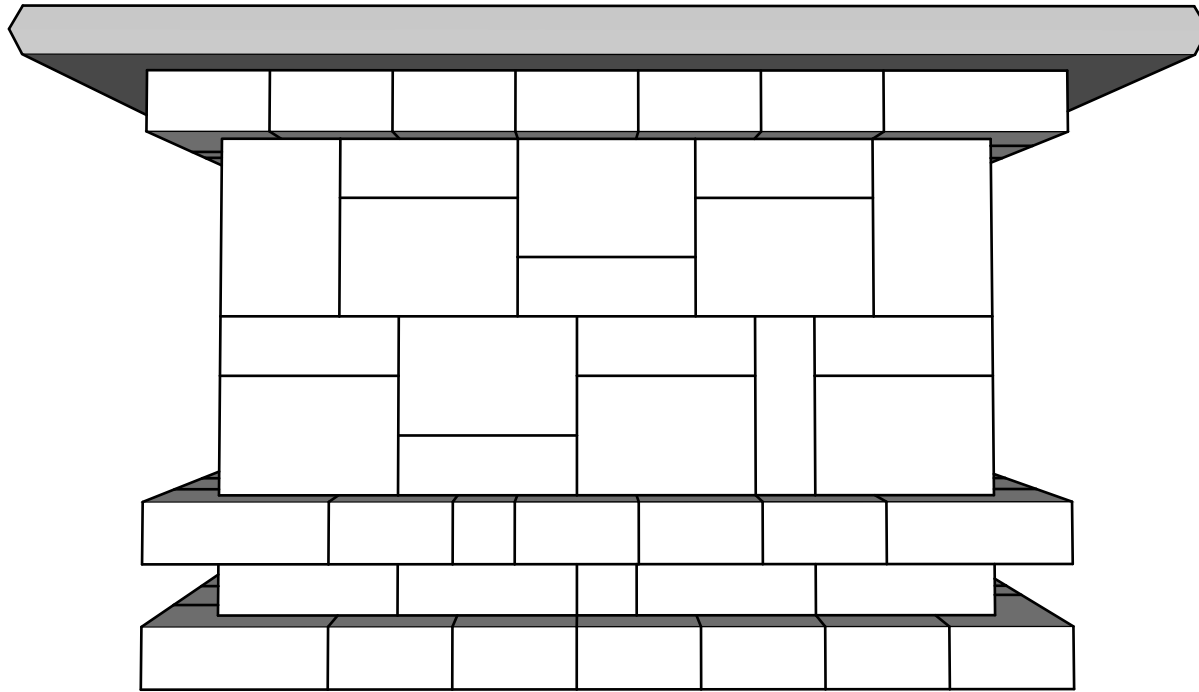
4-5 Person Freestanding Bar

REVISIONS

	MM/DD/YY	REMARKS
1	11 / 24 / 14	Major redesign to shorten longest bond lines. TP
2	02/25/15	Reworked to simplify steps using colored units. TP
3	06/04/15	2 SKU and QR update
4	---/---/---	...
5	---/---/---	...

Tools Needed:

- Dead Blow Hammer
- Caulk Gun
- 4 Foot Level
- Torpedo Level
- Square



When constructing your project, be sure to keep all blocks level, square, and plumb. Use a four foot level and check often. Starting on a level foundation is key. When gluing blocks together, be sure not to use too much adhesive - this will cause the blocks to "swim." A small bead is ideal.

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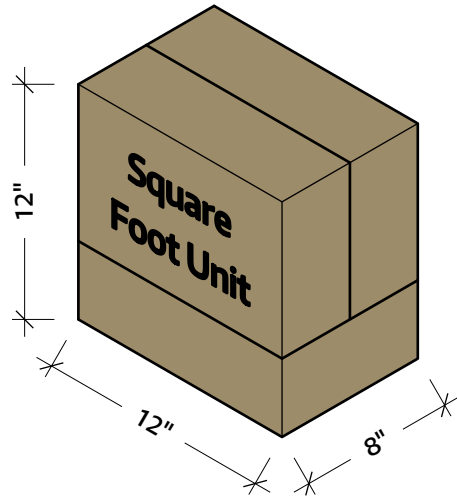
4-5 Person Freestanding Bar

REVISIONS

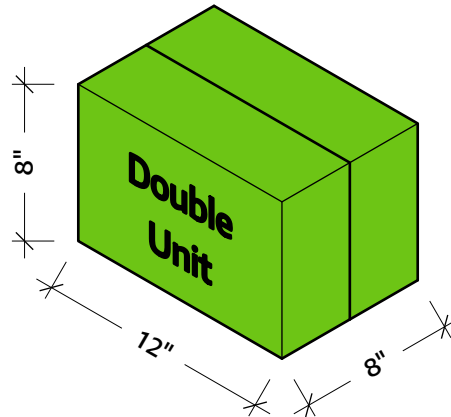
	MM/DD/YY	REMARKS
1	11 / 24 / 14	Major redesign to shorten longest bond lines. TP
2	02/25/15	Reworked to simplify steps using colored units. TP
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4	--/--/--	...
5	--/--/--	...

**Tools
needed**

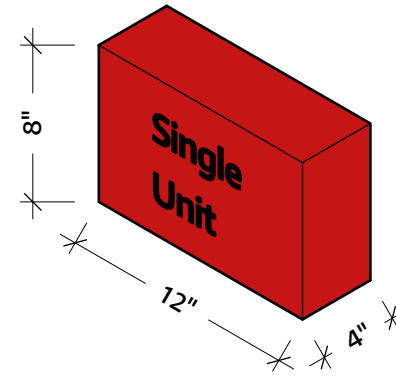
All sizes in this document are approximate.



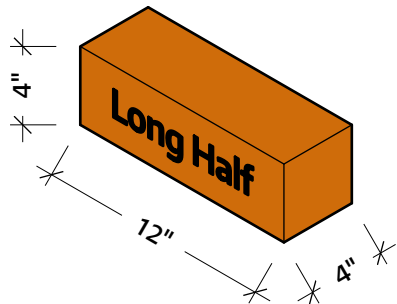
The "Square Foot Unit." consists of three blocks as shown. By rotating this unit (SFU) we are able to build quickly and easily while keeping bond lines broken up. These will always be shown in a tan color.



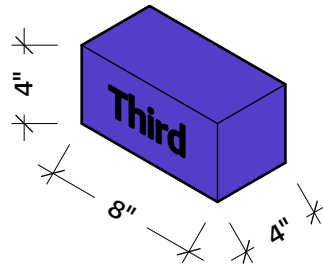
Sometimes SFUs are broken up or can't be used. The Double Unit is the next preferred unit. Double Units are grouped for strength and speed in construction. They are always represented in green.



The Single Unit is the basis for all the construction, of course. When used in a single or non-standard configuration, you will see Dakota Stone™ depicted in red.



Long Halves are simply made by cutting a block along its center on the longest axis.



Cutting four inches off the short end of a Dakota Stone will get you a Third block (and a Square one).

Unit Size Color Key

When constructing your project, be sure to keep all blocks level, square, and plumb. Use a four foot level and check often. Starting on a level foundation is key. When gluing blocks together, be sure not to use too much adhesive - this will cause the blocks to "swim." A small bead is ideal.

Dakota Stone™

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FBF4-7230

4-5 Person Freestanding Bar

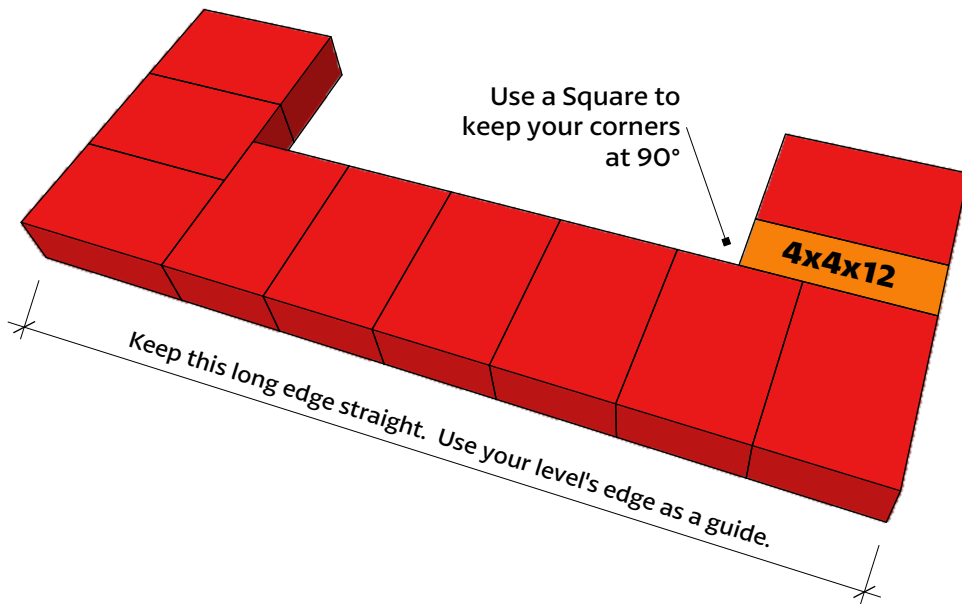
REVISIONS

	MM/DD/YY	REMARKS
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4	--/--/--	...
5	--/--/--	...

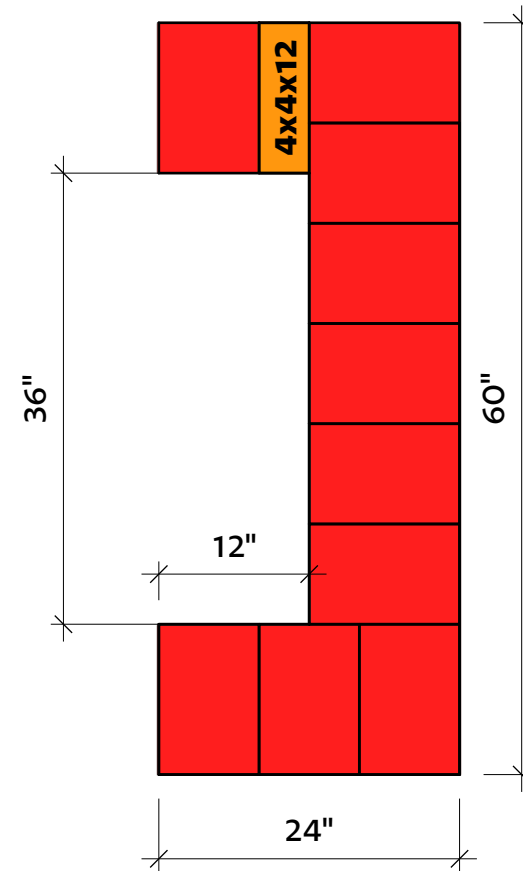
KEY1

Lay out the first course of your bar kit. This is the "foundation" on which you will build your bar. Take time to make sure it is as perfect as possible.

Be sure this course is level and square. Any mistakes made here will continue to show up as you build.



Top View



When constructing your project, be sure to keep all blocks level, square, and plumb. Use a four foot level and check often. Starting on a level foundation is key. When gluing blocks together, be sure not to use too much adhesive - this will cause the blocks to "swim." A small bead is ideal.

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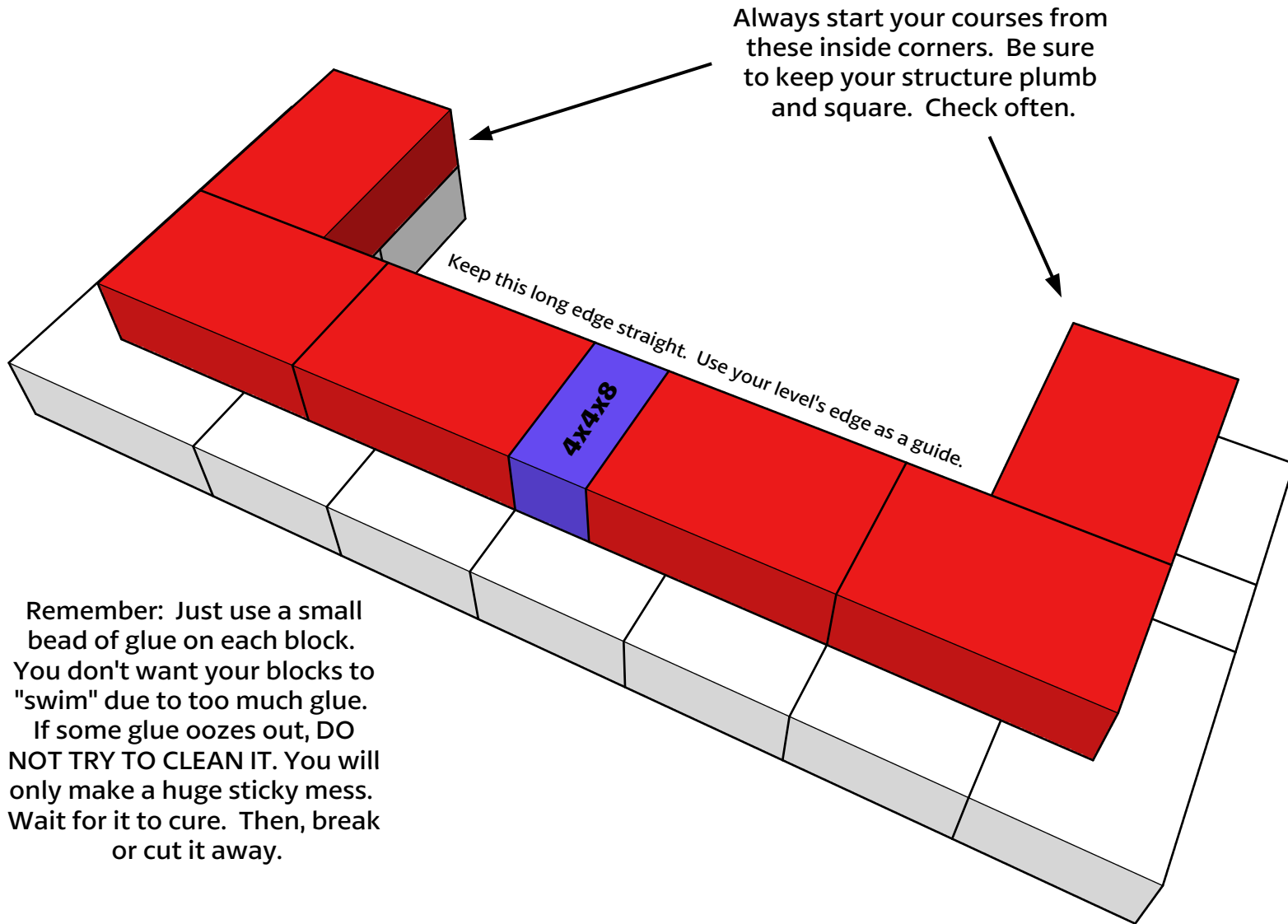
FBF4-7230

4-5 Person Freestanding Bar

REVISIONS

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1	11 / 24 / 14	Major redesign to shorten longest bond lines. TP
2	02/25/15	Reworked to simplify steps using colored units. TP
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4	--/--/--	...
5	--/--/--	...

01



Remember: Just use a small bead of glue on each block. You don't want your blocks to "swim" due to too much glue. If some glue oozes out, DO NOT TRY TO CLEAN IT. You will only make a huge sticky mess. Wait for it to cure. Then, break or cut it away.

Always start your courses from these inside corners. Be sure to keep your structure plumb and square. Check often.

Keep this long edge straight. Use your level's edge as a guide.

When constructing your project, be sure to keep all blocks level, square, and plumb. Use a four foot level and check often. Starting on a level foundation is key. When gluing blocks together, be sure not to use too much adhesive - this will cause the blocks to "swim." A small bead is ideal.

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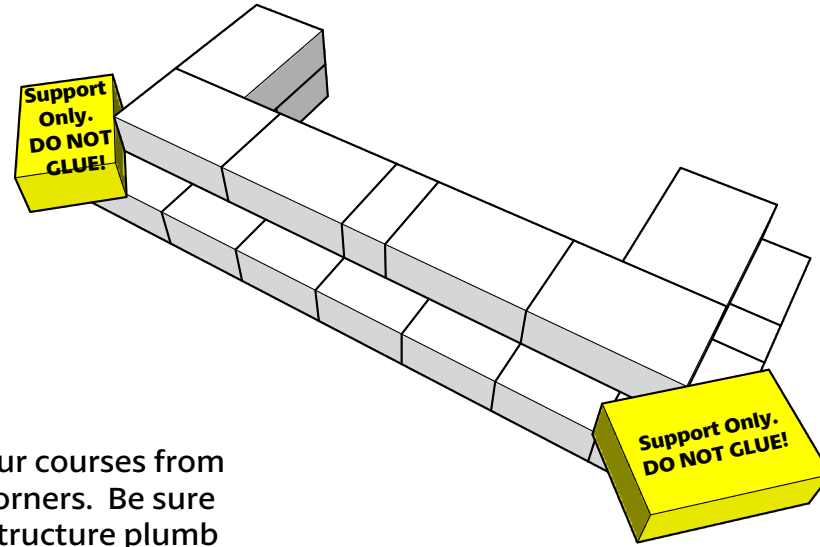
4-5 Person Freestanding Bar

REVISIONS

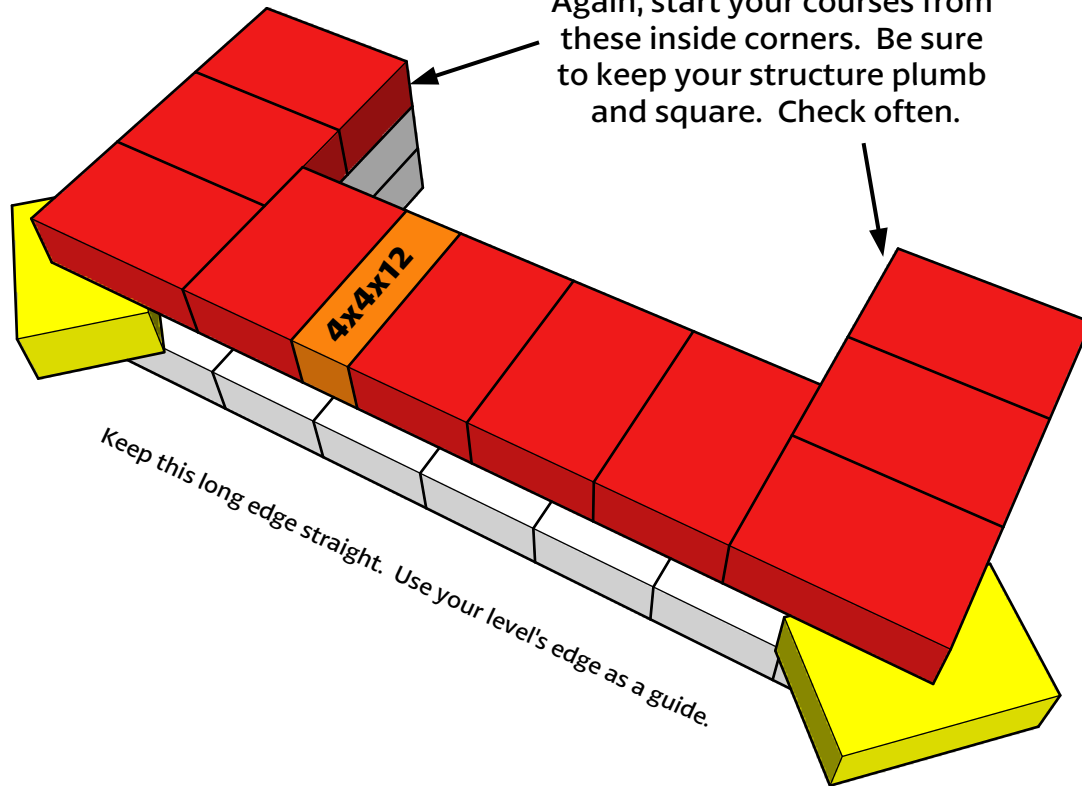
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2	02/25/15	Reworked to simplify steps using colored units. TP
3	06/04/15	2 SKU and QR update
4	--/--/--	...
5	--/--/--	...

02

Note: Before starting next course, add two blocks as shown for support. **DO NOT GLUE THESE BLOCKS.** They will be removed later.



Again, start your courses from these inside corners. Be sure to keep your structure plumb and square. Check often.



When constructing your project, be sure to keep all blocks level, square, and plumb. Use a four foot level and check often. Starting on a level foundation is key. When gluing blocks together, be sure not to use too much adhesive - this will cause the blocks to "swim." A small bead is ideal.

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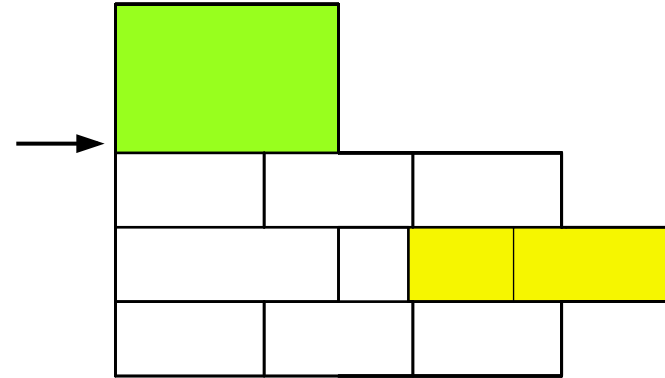
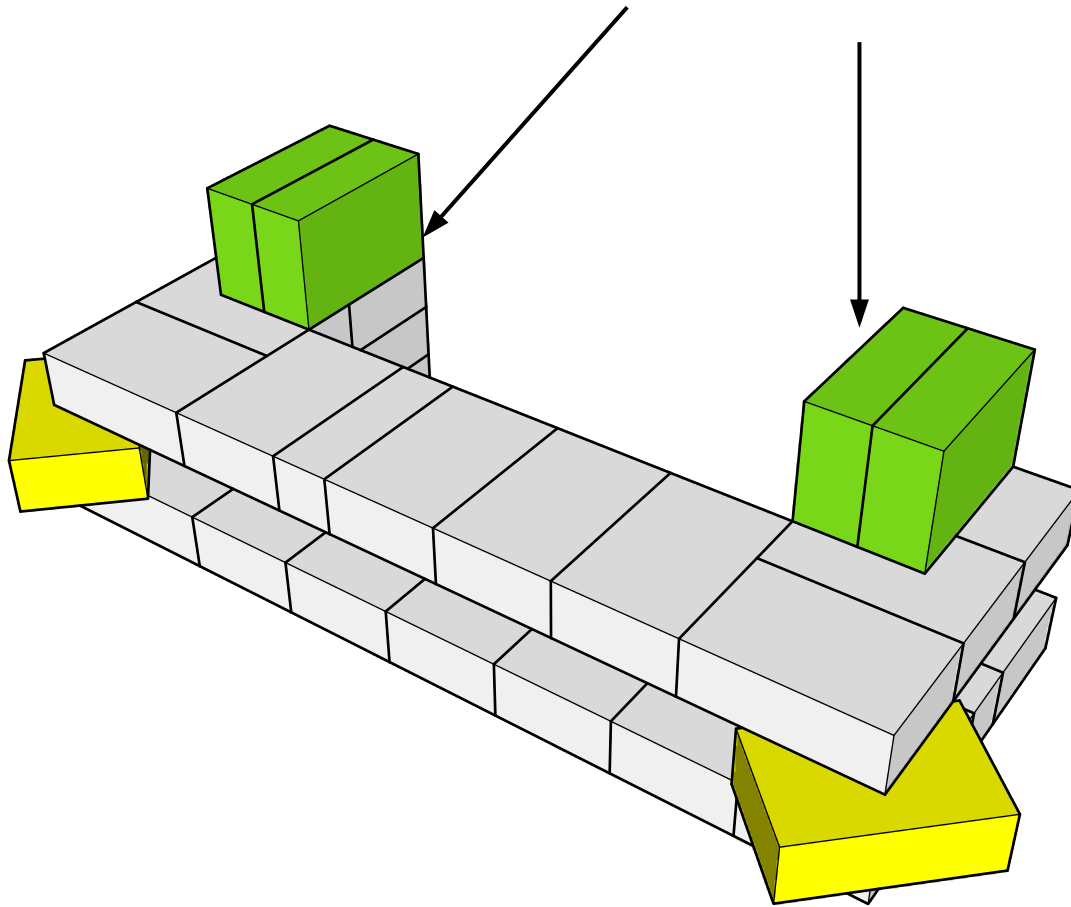
4-5 Person Freestanding Bar

REVISIONS

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3	06/04/15	2 SKU and QR update
4	--/--/--	...
5	--/--/--	...

03

Again, start your courses from these inside corners. Be sure to keep your structure plumb and square. Your bar is now getting a bit of height at the back corner. Keep everything plumb. Check often.



Side View

When constructing your project, be sure to keep all blocks level, square, and plumb. Use a four foot level and check often. Starting on a level foundation is key. When gluing blocks together, be sure not to use too much adhesive - this will cause the blocks to "swim." A small bead is ideal.

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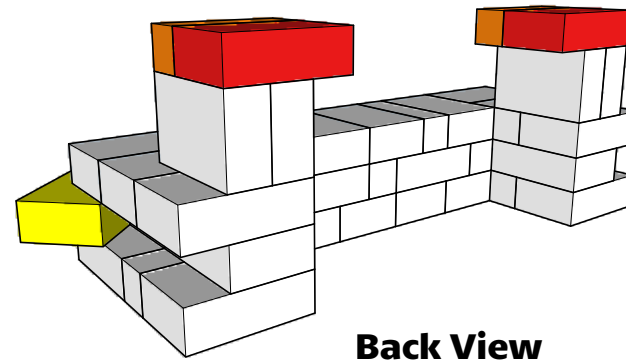
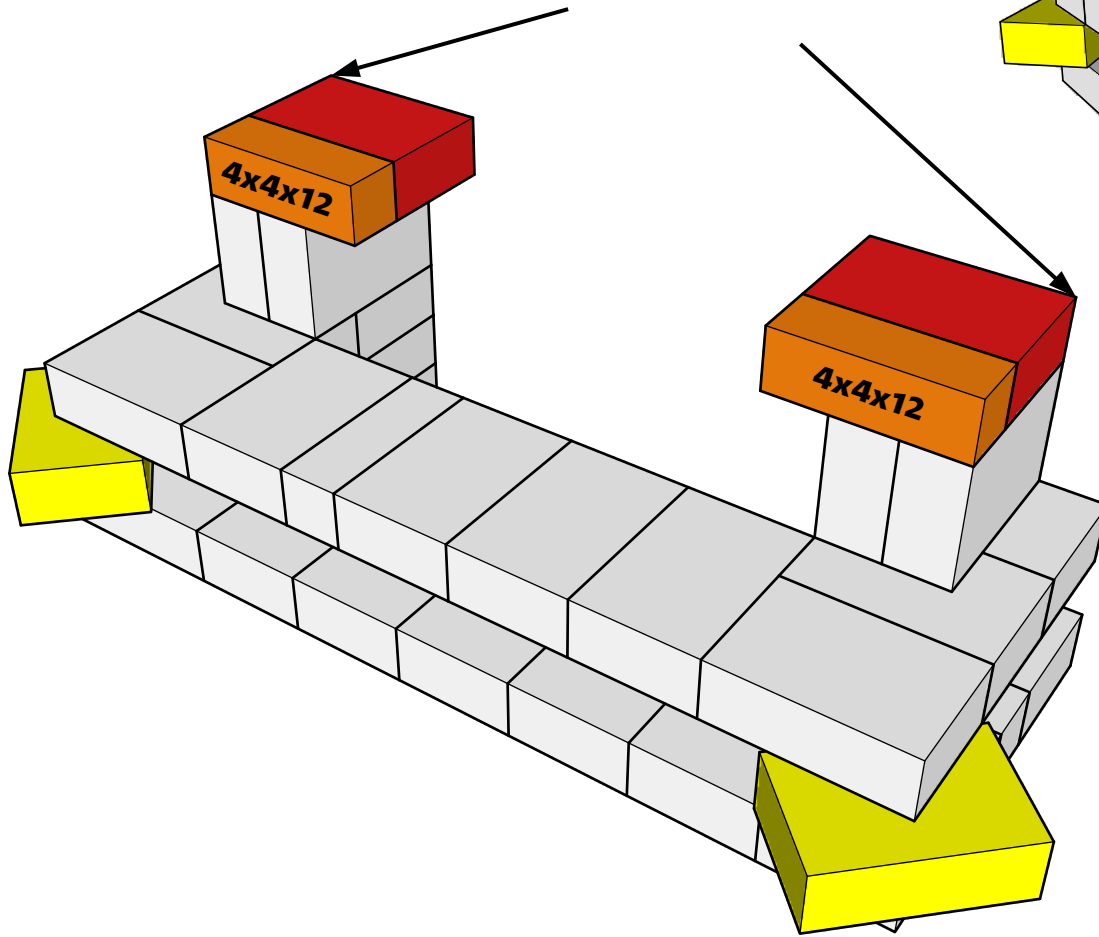
4-5 Person Freestanding Bar

REVISIONS

	MM/DD/YY	REMARKS
1	11 / 24 / 14	Major redesign to shorten longest bond lines. TP
2	02/25/15	Reworked to simplify steps using colored units. TP
3	06/04/15	2 SKU and QR update
4	--/--/--	...
5	--/--/--	...

04

Again, start your courses from these inside corners. Be sure to keep your structure plumb and square. Your bar is now getting a bit of height at the back corner. Keep everything plumb. Check often.



Back View

When constructing your project, be sure to keep all blocks level, square, and plumb. Use a four foot level and check often. Starting on a level foundation is key. When gluing blocks together, be sure not to use too much adhesive - this will cause the blocks to "swim." A small bead is ideal.

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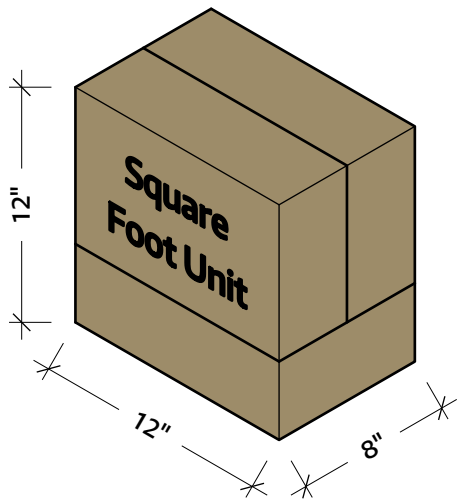
FBF4-7230

4-5 Person Freestanding Bar

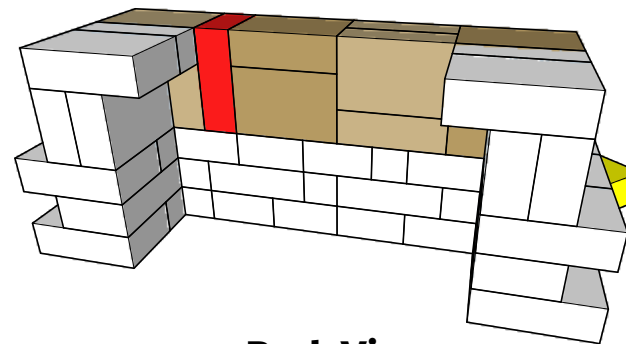
REVISIONS

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5	--/--/--	...

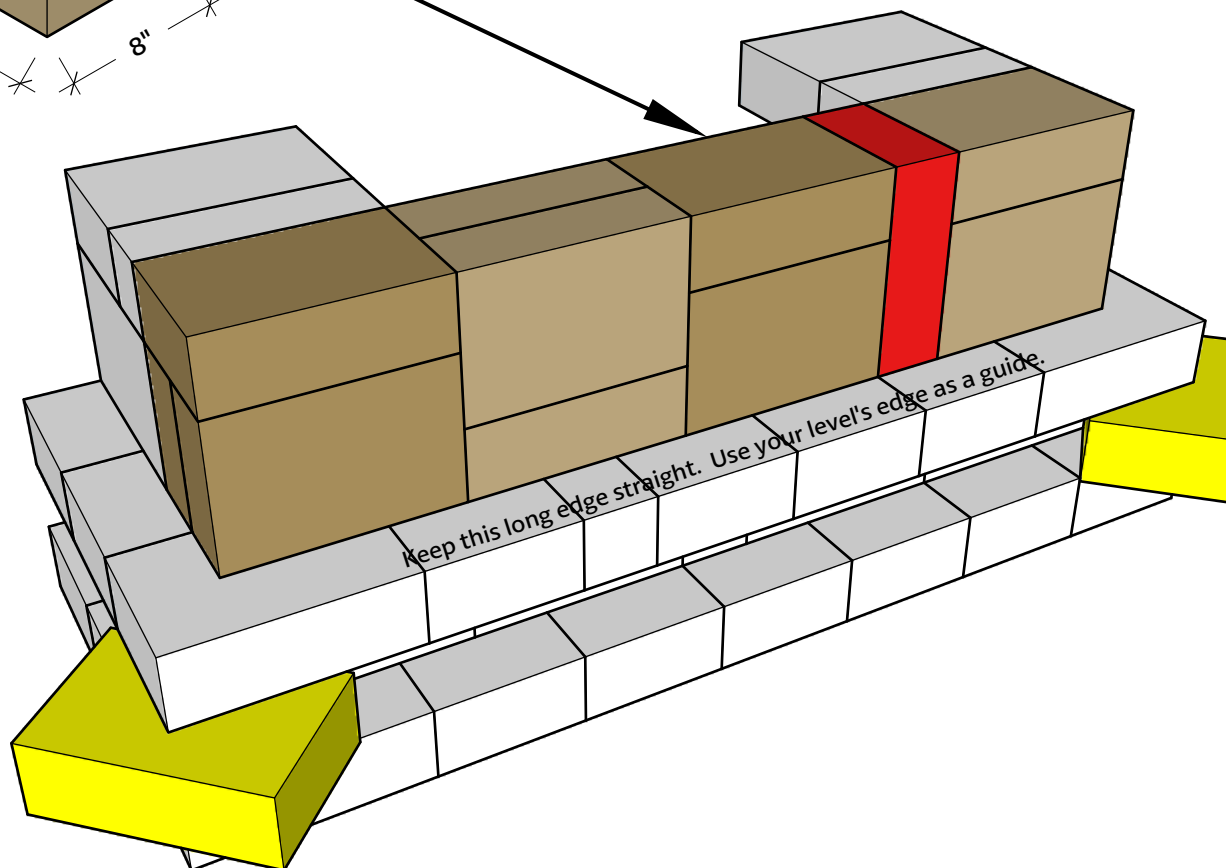
05



Any time you see a block with just the wide top showing, fret not, it is a Square Foot Unit (SFU). The unit is just turned where that is the only block you see.



Back View



When constructing your project, be sure to keep all blocks level, square, and plumb. Use a four foot level and check often. Starting on a level foundation is key. When gluing blocks together, be sure not to use too much adhesive - this will cause the blocks to "swim." A small bead is ideal.

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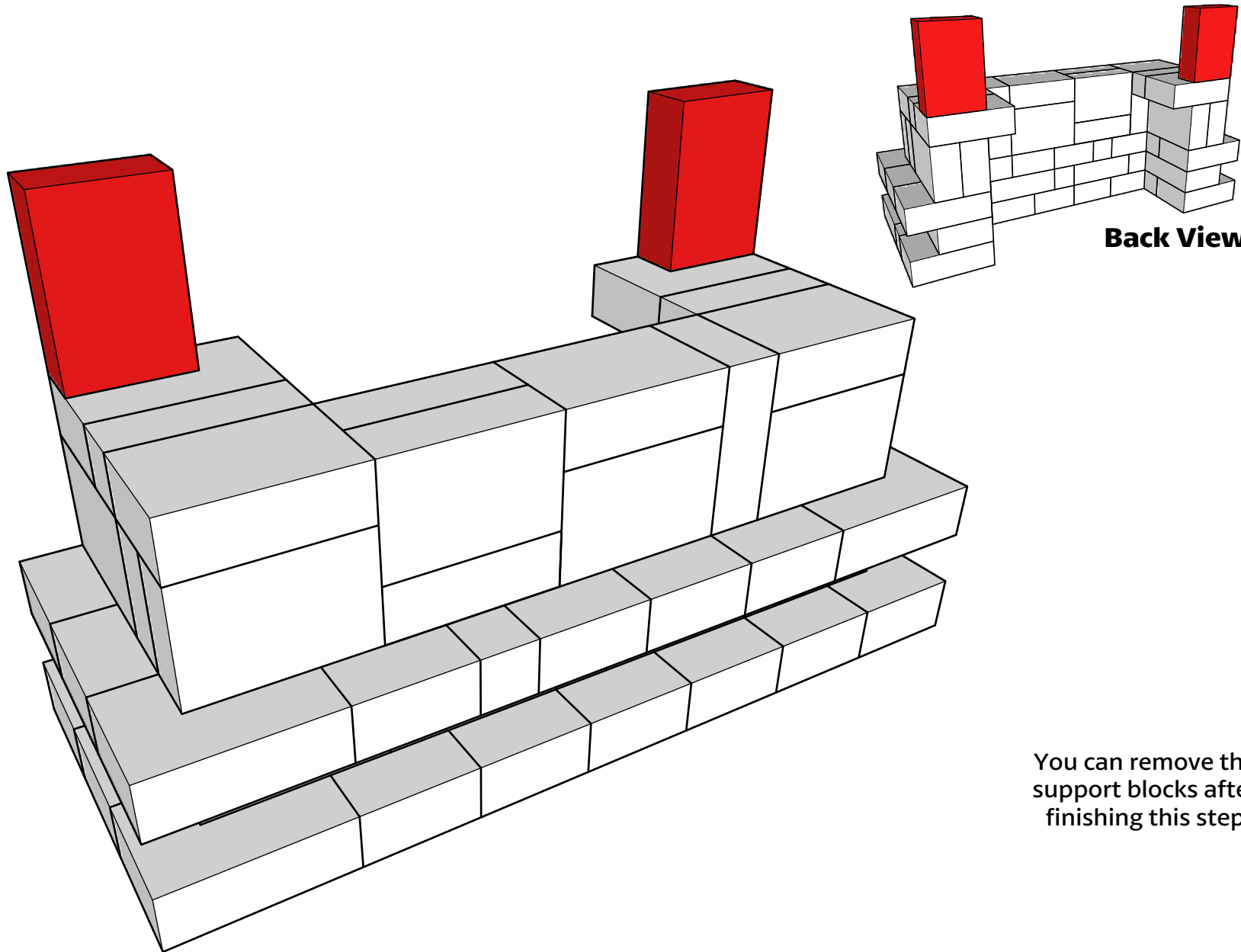
FBF4-7230

4-5 Person Freestanding Bar

REVISIONS

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4	--/--/--	...
5	--/--/--	...

06



Back View

When constructing your project, be sure to keep all blocks level, square, and plumb. Use a four foot level and check often. Starting on a level foundation is key. When gluing blocks together, be sure not to use too much adhesive - this will cause the blocks to "swim." A small bead is ideal.

You can remove the support blocks after finishing this step.

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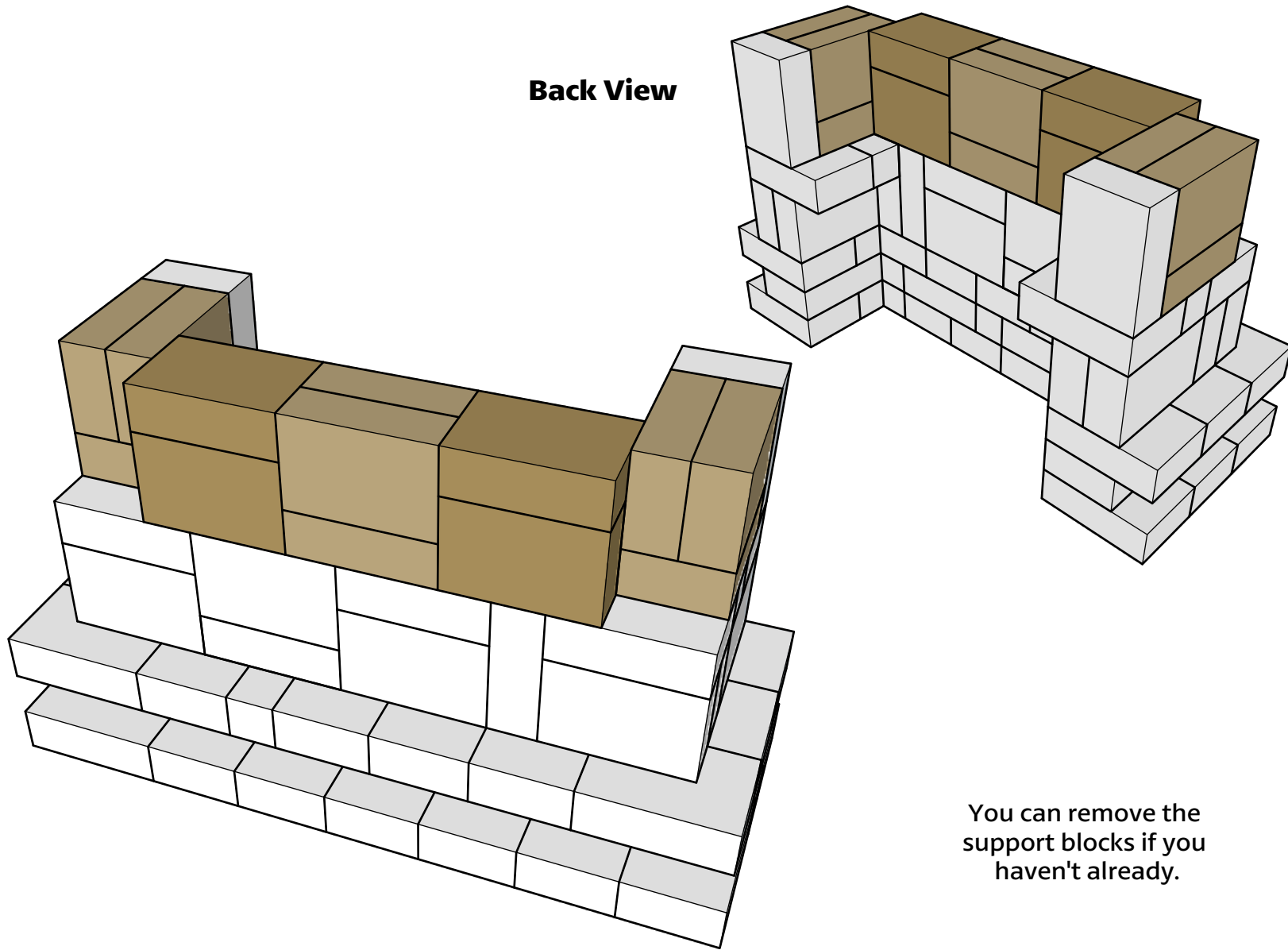
**BUILD WITH
DAKOTA**

FBF4-7230
4-5 Person Freestanding Bar

REVISIONS	
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1 11 / 24 / 14	Major redesign to shorten longest bond lines. TP
2 02/25/15	Reworked to simplify steps using colored units. TP
3 06/04/15	2 SKU and QR update
4 -- / -- / --	...
5 -- / -- / --	...

07

Back View



You can remove the support blocks if you haven't already.

When constructing your project, be sure to keep all blocks level, square, and plumb. Use a four foot level and check often. Starting on a level foundation is key. When gluing blocks together, be sure not to use too much adhesive - this will cause the blocks to "swim." A small bead is ideal.

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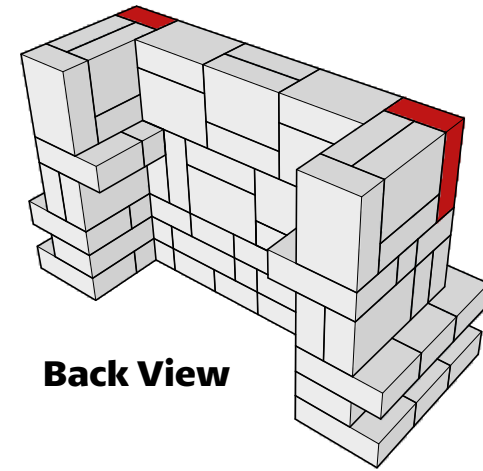
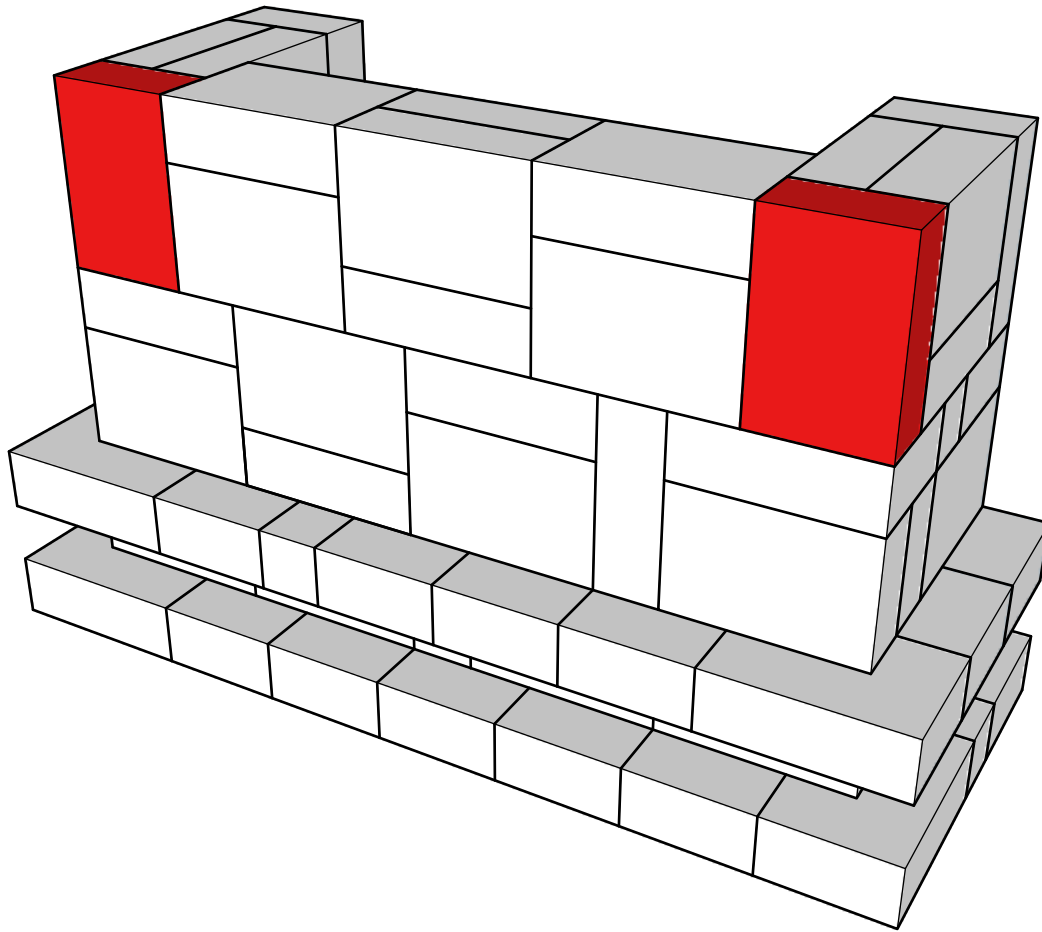
FBF4-7230

4-5 Person Freestanding Bar

REVISIONS

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4	--/--/--	...
5	--/--/--	...

08



Back View

You can remove the support blocks if you haven't already.

When constructing your project, be sure to keep all blocks level, square, and plumb. Use a four foot level and check often. Starting on a level foundation is key. When gluing blocks together, be sure not to use too much adhesive - this will cause the blocks to "swim." A small bead is ideal.

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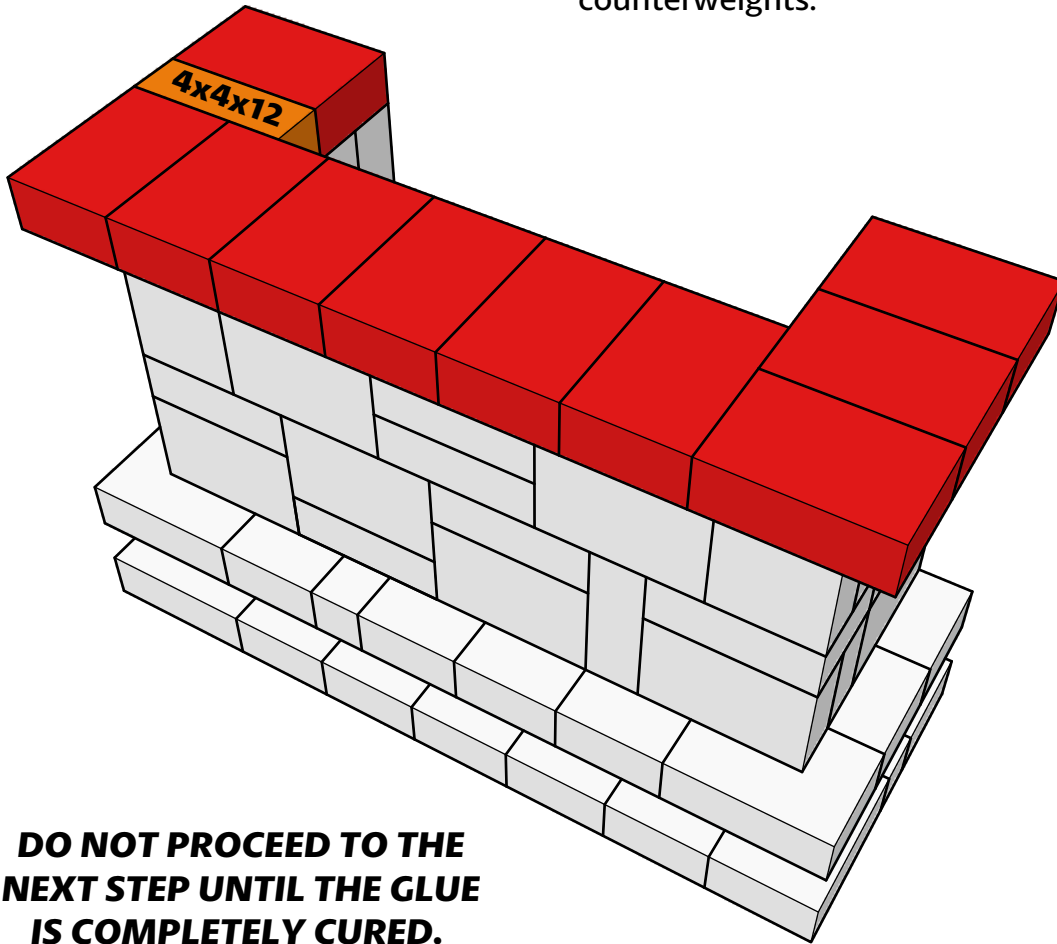
FBF4-7230

4-5 Person Freestanding Bar

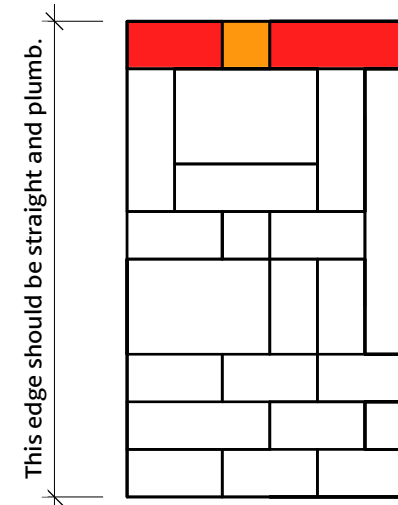
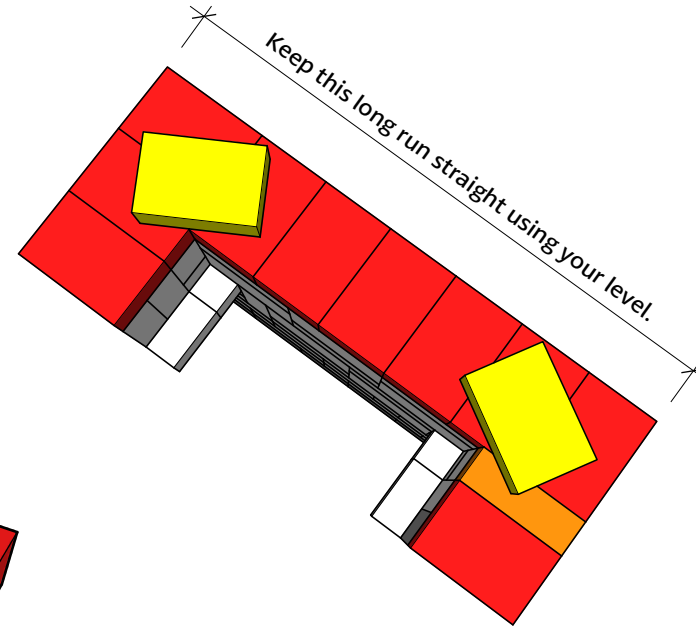
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4	--/--/--	...
5	--/--/--	...

These last block are all flush with the back wall. You will want to add weight to the top corner pieces as shown. This will help support them as the glue cures. Obviously, you will not glue the counterweights.



DO NOT PROCEED TO THE NEXT STEP UNTIL THE GLUE IS COMPLETELY CURED. USUALLY 24 HOURS.



Side View

When constructing your project, be sure to keep all blocks level, square, and plumb. Use a four foot level and check often. Starting on a level foundation is key. When gluing blocks together, be sure not to use too much adhesive - this will cause the blocks to "swim." A small bead is ideal.

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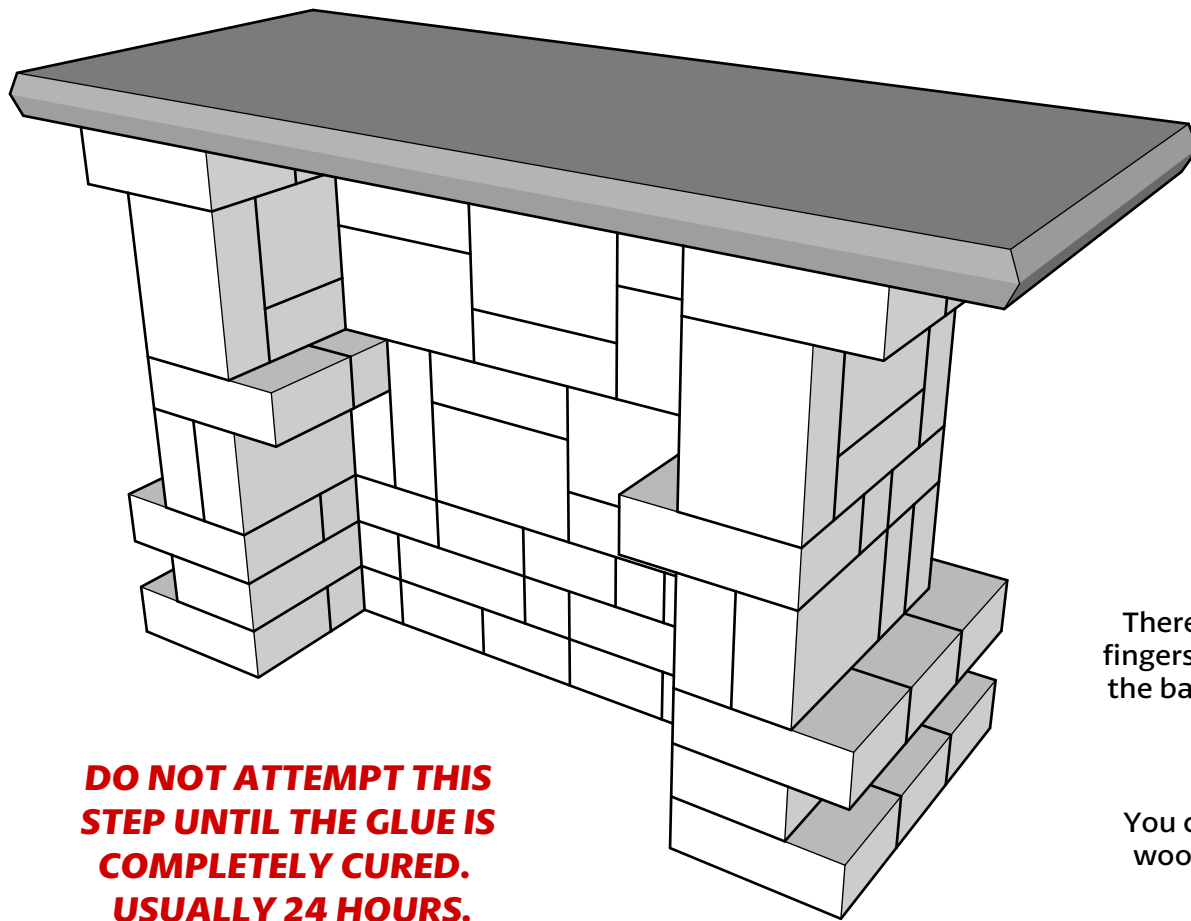
4-5 Person Freestanding Bar

REVISIONS

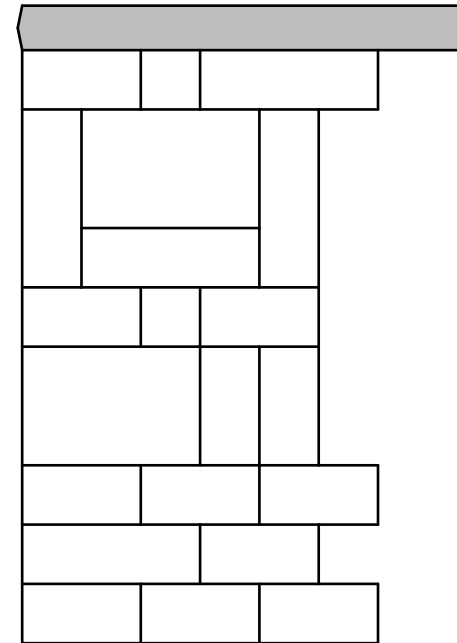
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4	--/--/--	...
5	--/--/--	...

10

Get all your friends to help with this step. After the glue is cured and the weights removed, place the bar top. Do not overglue, but liberally glue the block before placing the top. Do not glue too close to the blocks edge. You will need "wiggle room" to center the bar top.



DO NOT ATTEMPT THIS STEP UNTIL THE GLUE IS COMPLETELY CURED. USUALLY 24 HOURS.



Side View

There is enough overhang to not smash your fingers. Place the back of the bar top flush with the back of the bar. (Up to 1" overhang is fine.) Center the bar top over the bar - approximately 6" on each side.

You can now measure the opening and cut a wooden shelf to place on top of the built in shelf supports. Enjoy your bar!

When constructing your project, be sure to keep all blocks level, square, and plumb. Use a four foot level and check often. Starting on a level foundation is key. When gluing blocks together, be sure not to use too much adhesive - this will cause the blocks to "swim." A small bead is ideal.

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FBF4-7230

4-5 Person Freestanding Bar

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