



CAMO
BLOCK[®]

INSTALLATION GUIDE

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CAMO **BLOCK**[®]

The Better Floating Foundation.

Build a better freestanding deck from the ground up. If you're building a freestanding deck 5½ in. to 30 in. tall, there's no better solution than CAMO Block™.



2 IN. CHANNEL
FOR METAL JOISTS



6X6 POST
SETTING



4X4 POST SETTING



RIBS DIRECT
WATER AWAY
FROM THE JOIST
OR POST

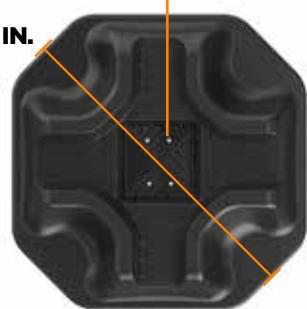
1 1/8 IN. CHANNEL
FOR STANDARD 2X JOISTS



**WEIGHS
2.16 LBS**

WIDE FOOTPRINT ALLOWS
FOR SPATIAL DISPERSION AND
STABILITY

17 1/8 IN.



15 3/4 IN.

USE BLOCK FOR VARIOUS PLATFORM PROFILES AND PROJECTS

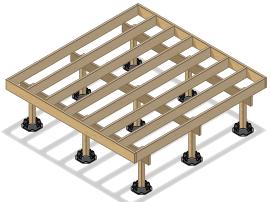
LOW-PROFILE



FREESTANDING DECKS



RAISED-PROFILE



ROOF TOP DECKS



VARIABLE-HEIGHT



LANDINGS



HYBRID-PROFILE



WALKWAYS



SHEDS



DOG HOUSES

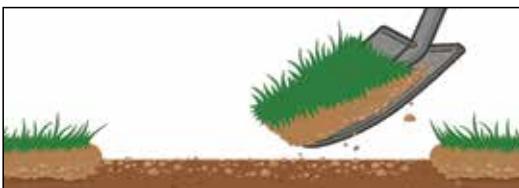


GETTING STARTED WITH BLOCK

Best Practice Installation

To build a strong foundation for your project that will last, follow the steps below.

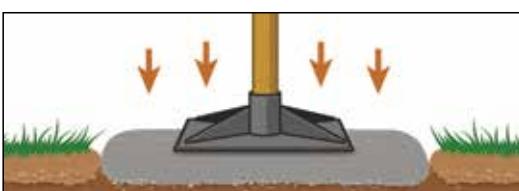
- 1 Remove at least 2 in. of top soil



- 2 Fill with 3 in. of paver base material



- 3 Compact the paver base until level



- 4 Place BLOCK, check that it's level, and adjust as necessary



Deck Heights

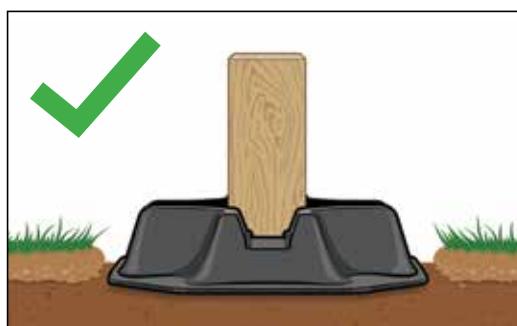
You can use BLOCK to build deck substructures 5½ in. to 30 in. tall. **Always check with your local building code officials before starting any project.**

Freestanding decks 30 in. tall or less, and smaller than 200 square feet in size, typically do not require building permits.

Quick Installation

If you're in a dry environment with level ground, you can opt to not use paver base and follow the steps below.

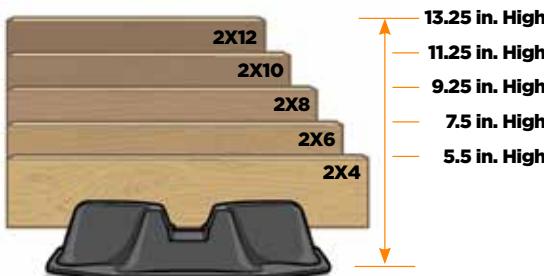
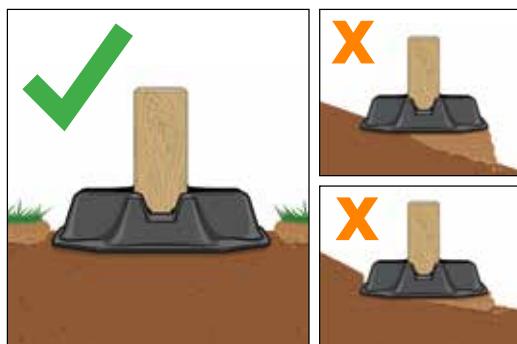
- 1 Remove grass and loose soil and place BLOCK on level, undisturbed ground



Installing on Uneven Surfaces

If you're building on an uneven surface, you will need to dig out the ground to ensure BLOCK is sitting on a level surface.

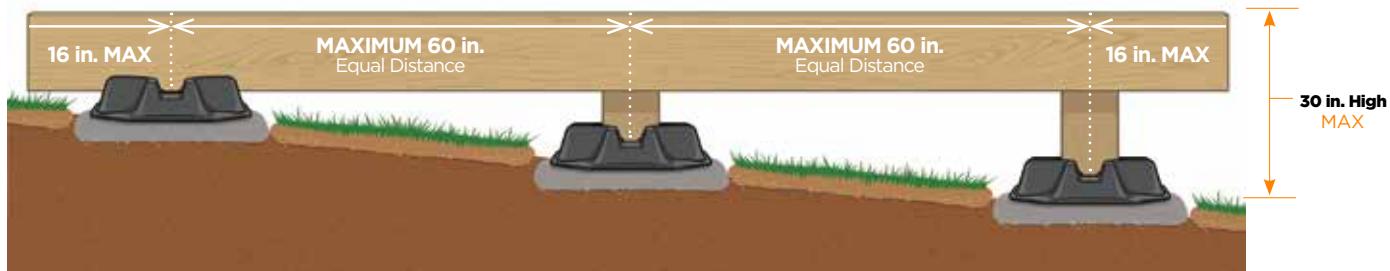
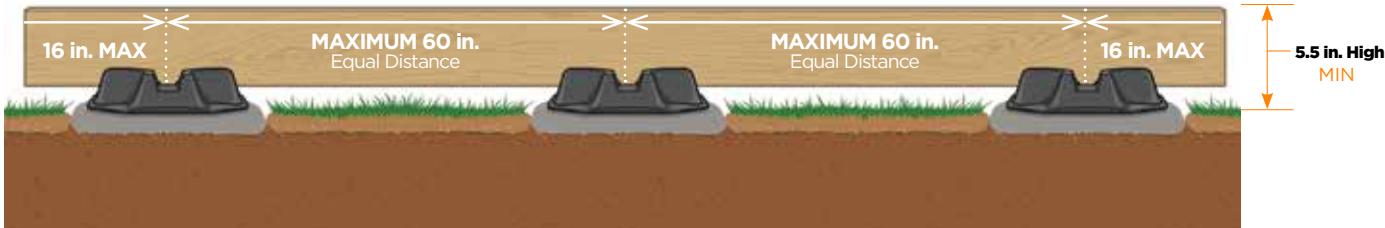
Never build up the footing beneath the BLOCK.



For final deck height, take into account the thickness of your deck boards as well.

BLOCK Spacing

Use CAMO BLOCK throughout various decking projects, spanning a maximum of 60 in. apart and joists spaced at 16 in. on center.



BLOCK INSTALLATION DON'TS



Do Not Bury

BLOCK is for above ground use only. It is **NOT** intended as a buried “footing pad” or for use for any other below ground application.



Do Not Stack

Multiple BLOCKS should **NOT** be stacked during installation to increase deck height.



Do Not Modify, Cut, or Manipulate BLOCK

Unlike concrete blocks that you'd likely have to chip out to make room for joists, you will never have to modify CAMO BLOCK before use—they are ready as is.

Modifying BLOCK in any way, shape, or form may severely detract from its structural integrity and performance and will void the warranty. Failure to adhere to this may lead to damaged property, injury, or death.

Making a Plan

For a low-profile project, BLOCK will be at ground level, and you will simply run the joists through each BLOCK.

Follow the instructions below to identify how many BLOCKS you'll need for your project.

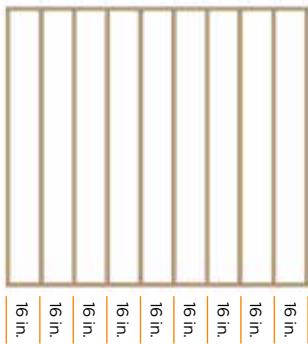


Use BLOCK to build deck substructure as low as 5½ in. tall

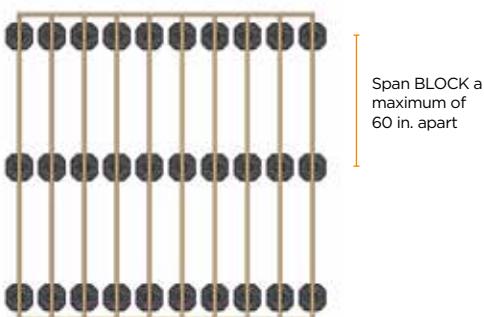
- 1 Identify the overall dimensions of the frame



- 2 Locate all joists 16 in. on center



- 3 You will need BLOCKS throughout spanning a maximum of 60 in. apart

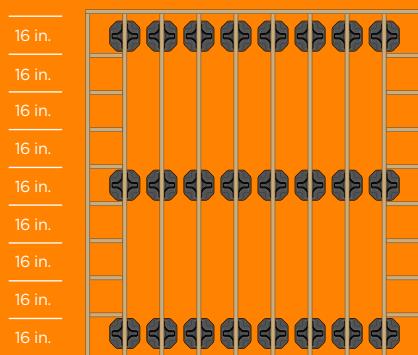


- 4 Add up the number of Blocks.

Optional: Conceal BLOCKS Under the Deck

If you don't want to see BLOCK in your finished project, follow these steps:

- 1 Remove the BLOCKS supporting the rim joists
- 2 Add wood blocking between the last row of BLOCKS and the rim joist, no more than 16" on center

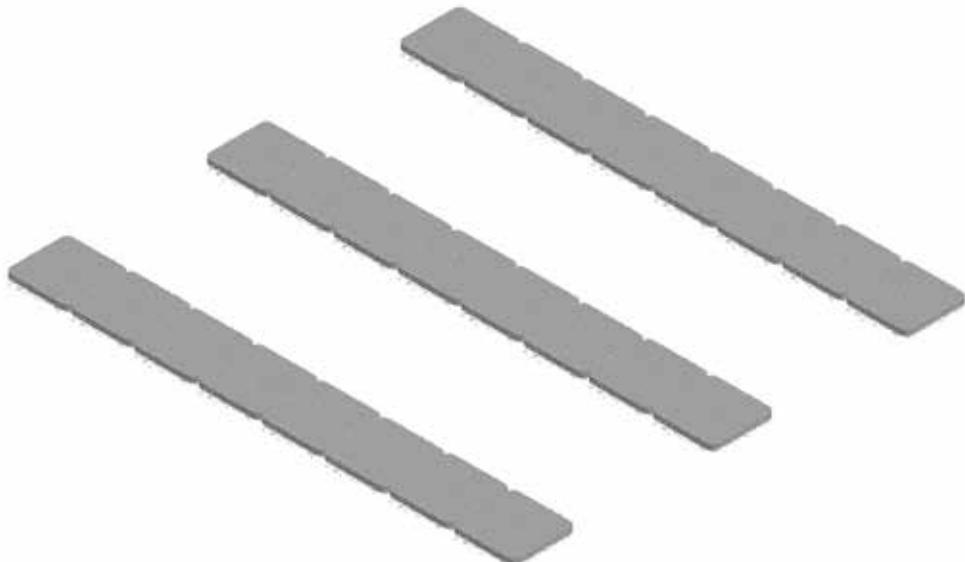


_____ BLOCKS
FOR YOUR PROJECT

Always check with your local building code officials before starting any project.

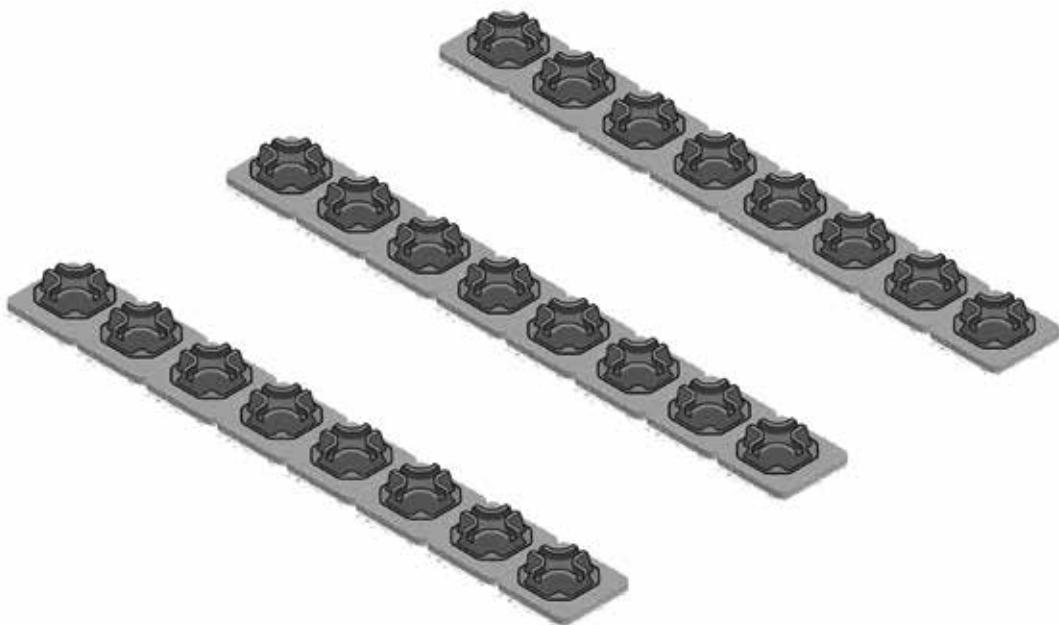
STEP 1

Prepare the area where your BLOCKS will go.



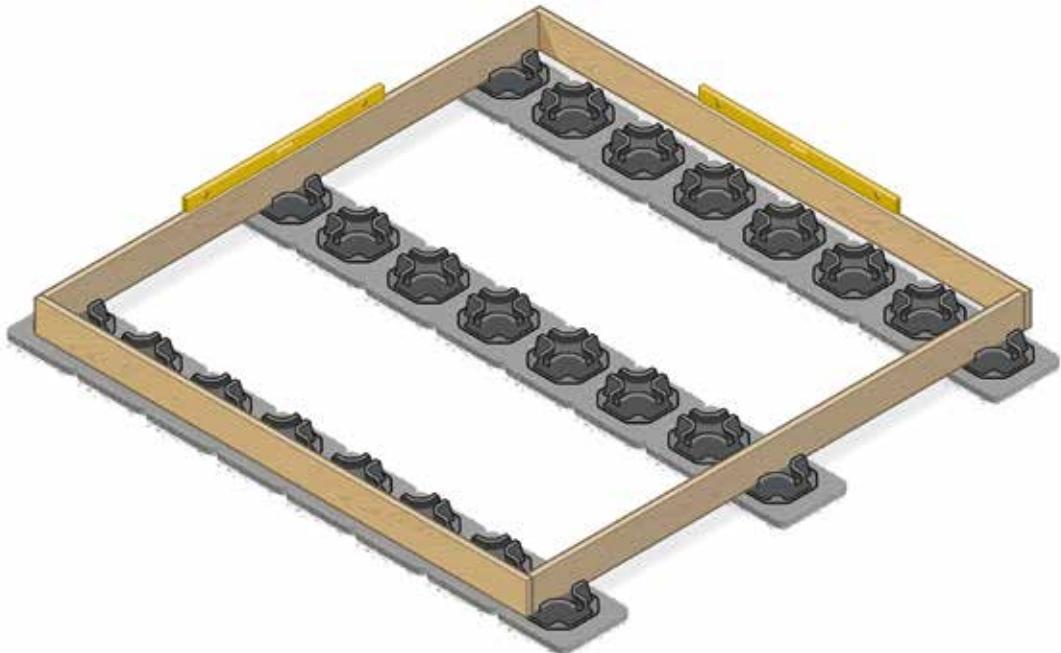
STEP 2

Lay out each BLOCK where needed.



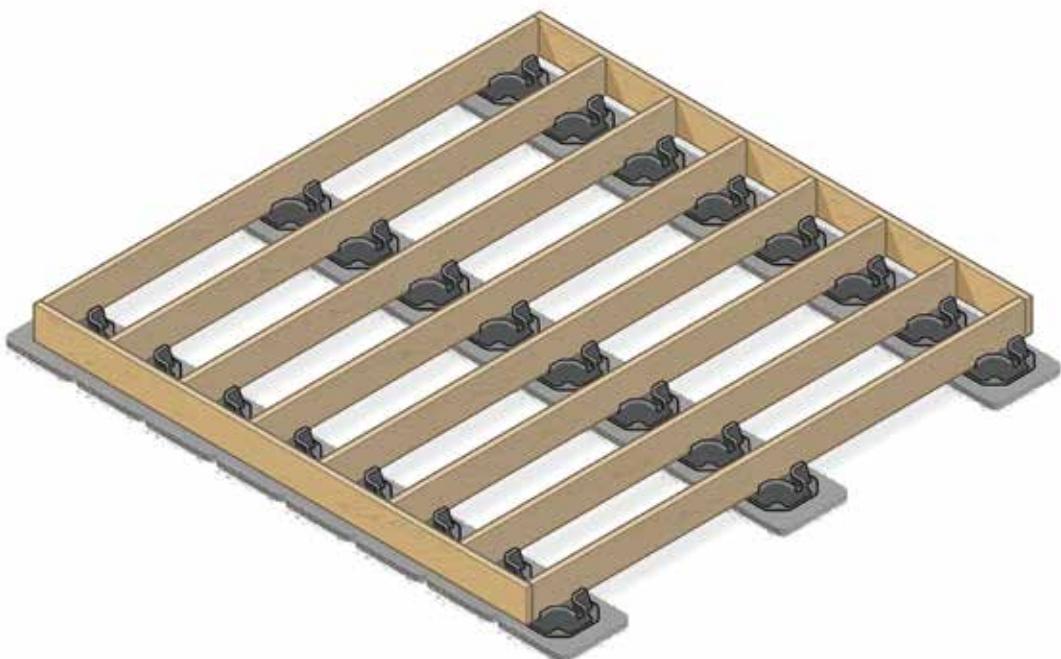
STEP 3

Box-in the frame, leveling and adjusting as you go.



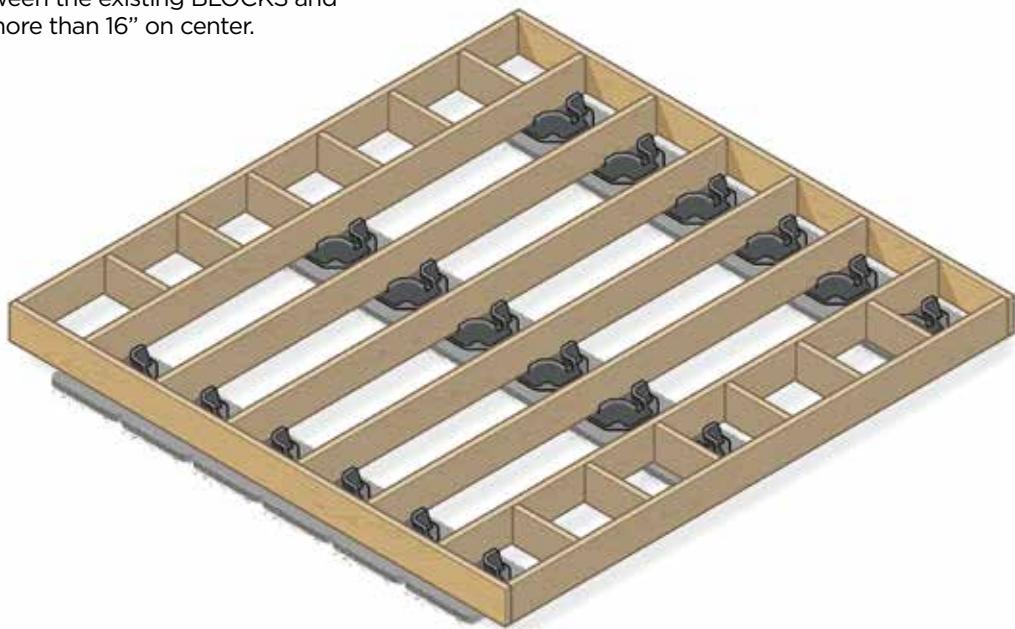
STEP 4

Install all joists. For the best practice installation, use joist hangers.



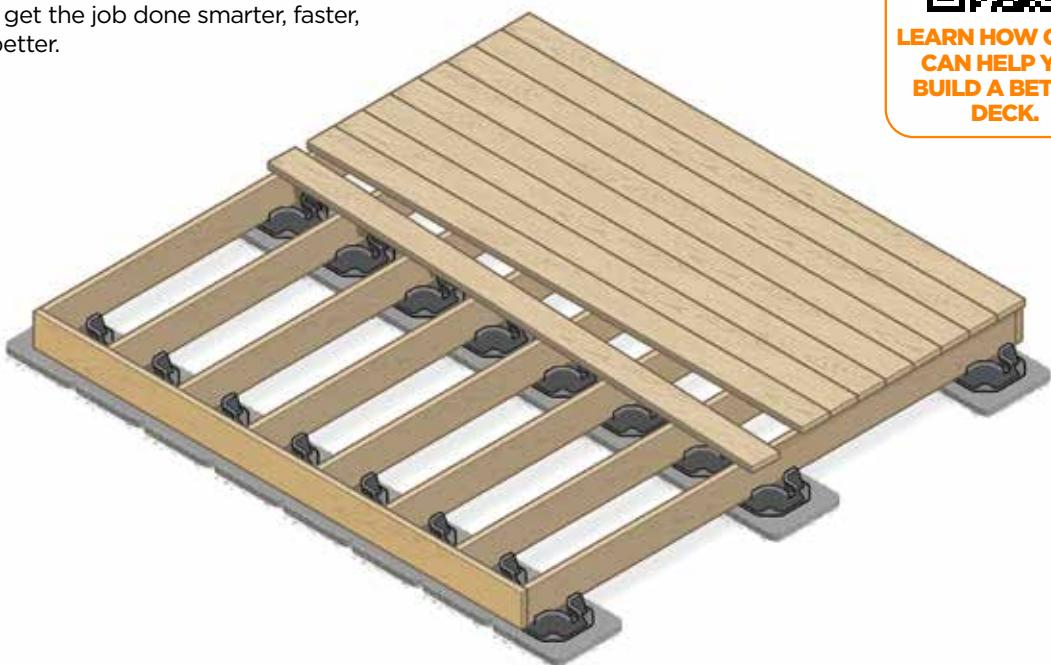
STEP 5 (OPTIONAL)

Conceal BLOCKS by removing the BLOCKS supporting the rim joists and adding wood blocking between the existing BLOCKS and rim joist, no more than 16" on center.



STEP 6

Install the decking of your choice. Be sure to check out the full line of CAMO deck fasteners and tools to get the job done smarter, faster, easier, and better.

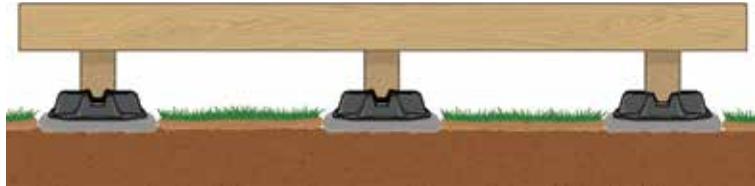


LEARN HOW CAMO
CAN HELP YOU
BUILD A BETTER
DECK.

Making a Plan

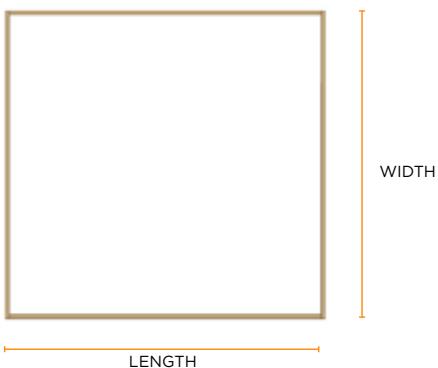
For a raised-profile project that's 12-30 in. high, you will use posts, beams, and joists in your framing. Be sure to check local codes and load-bearing specifications for necessary beam locations.

Follow the instructions below to identify how many BLOCKS you'll need for your project.

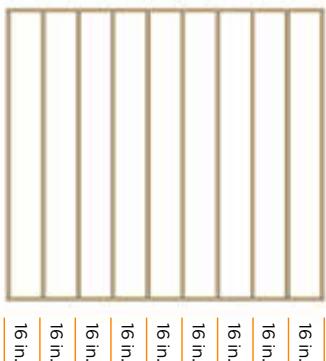


Use BLOCK on Raised-Profile decks 12-30 in. tall

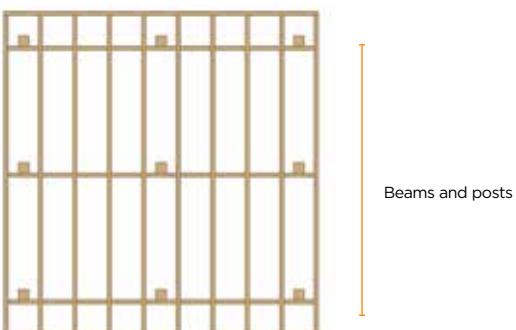
- 1 Identify the overall dimensions of the frame



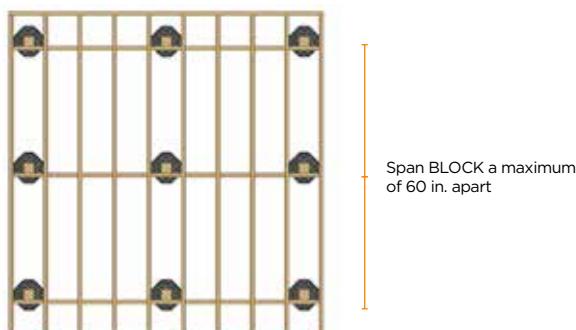
- 2 Using joist hangers, locate all joists 16 in. on center



- 3 Check local codes and structural specs to identify where your beams and posts will be located



- 4 You will need BLOCKS throughout spanning a maximum of 60 in. apart



_____ BLOCKS
FOR YOUR PROJECT

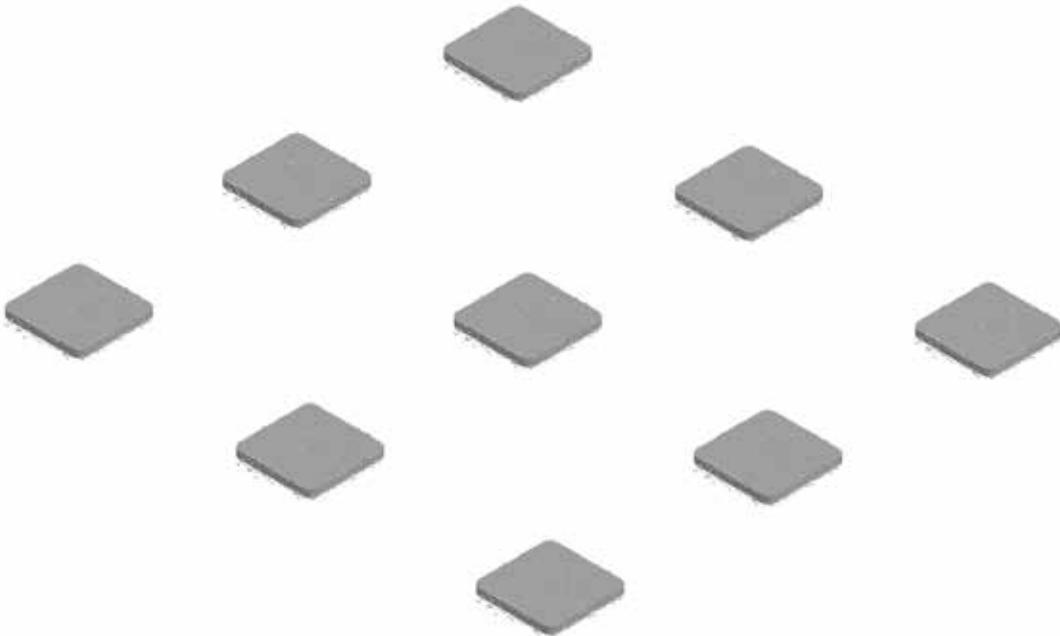
- 5 Add up the number of BLOCKS.



Always check with your local building code officials before starting any project.

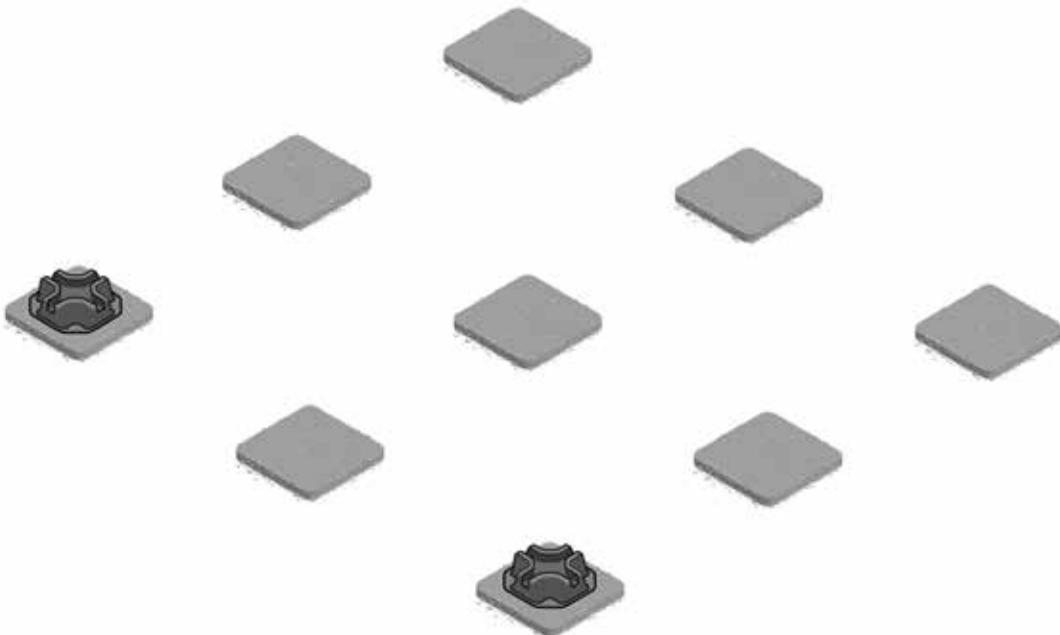
STEP 1

Prepare the area where your BLOCKS will go.



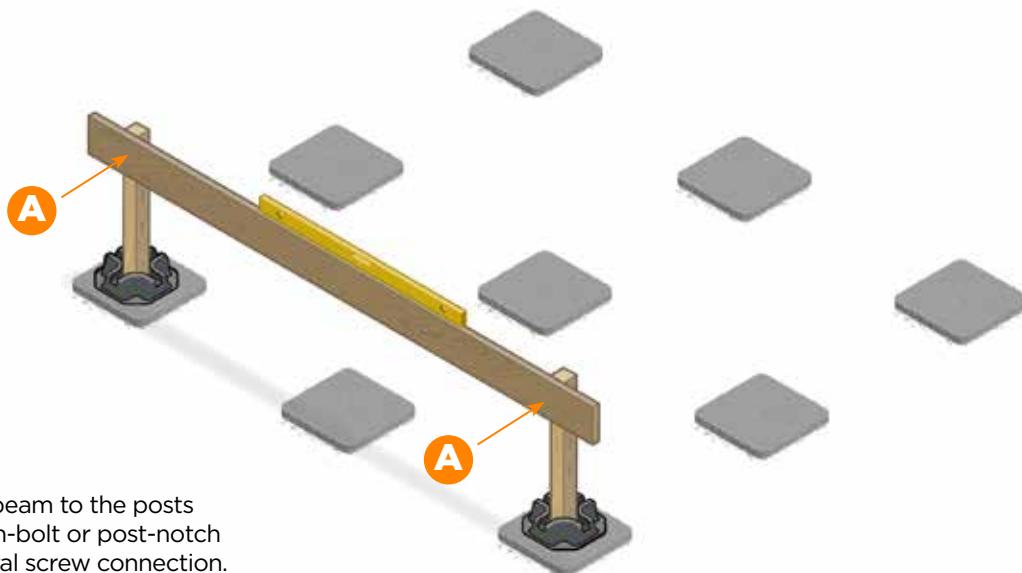
STEP 2

Starting on one side where your outer joist will be,
place a BLOCK in each corner.



STEP 3

Place your posts and beam at the desired height taking into consideration the height of your joists and deck boards. Make sure everything is level.

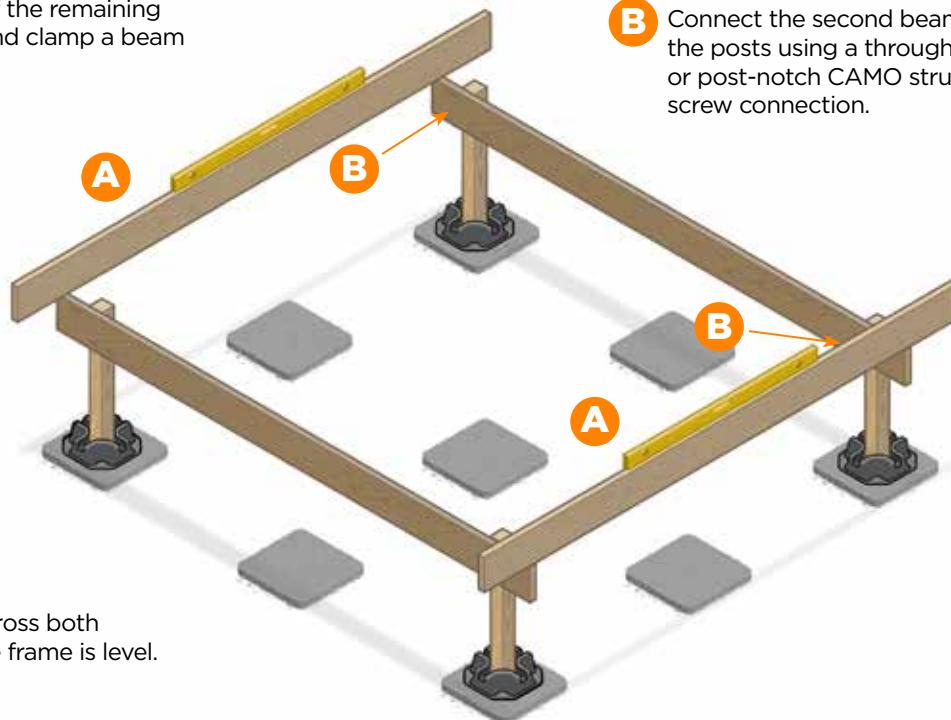


- A** Connect your beam to the posts using a through-bolt or post-notch CAMO structural screw connection.

STEP 4

Place a BLOCK at each of the remaining corners. Set your posts and clamp a beam to hold it in place.

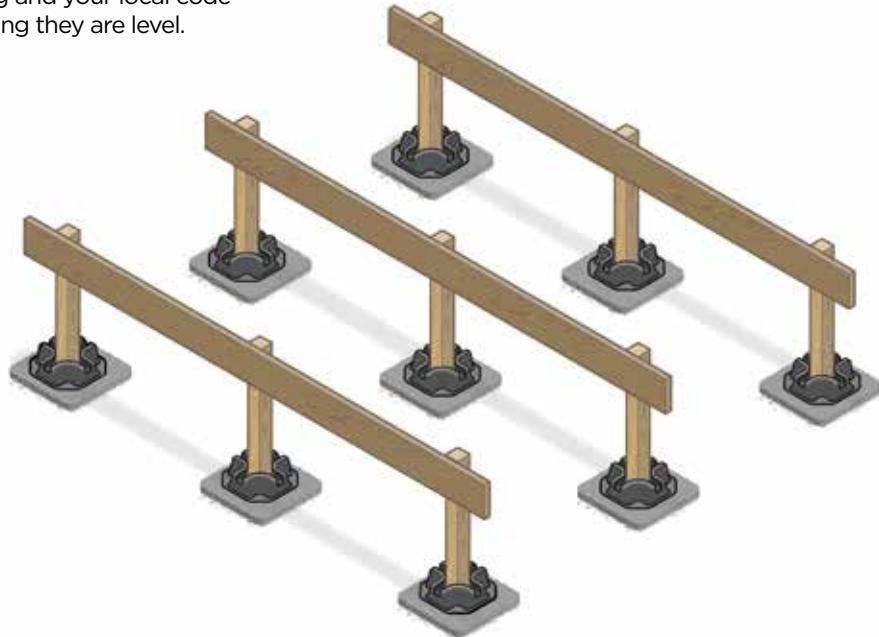
- B** Connect the second beam to the posts using a through-bolt or post-notch CAMO structural screw connection.



- A** Set your rim joist across both beams to ensure the frame is level.

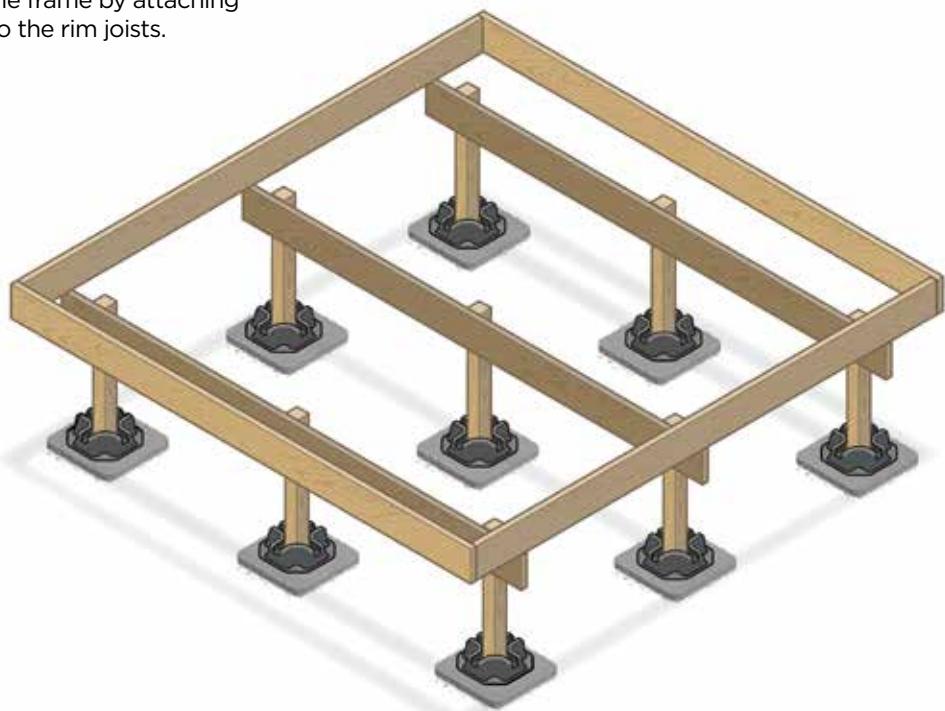
STEP 5

Add additional BLOCK, post, and beams according to spacing and your local code requirements, ensuring they are level.



STEP 6

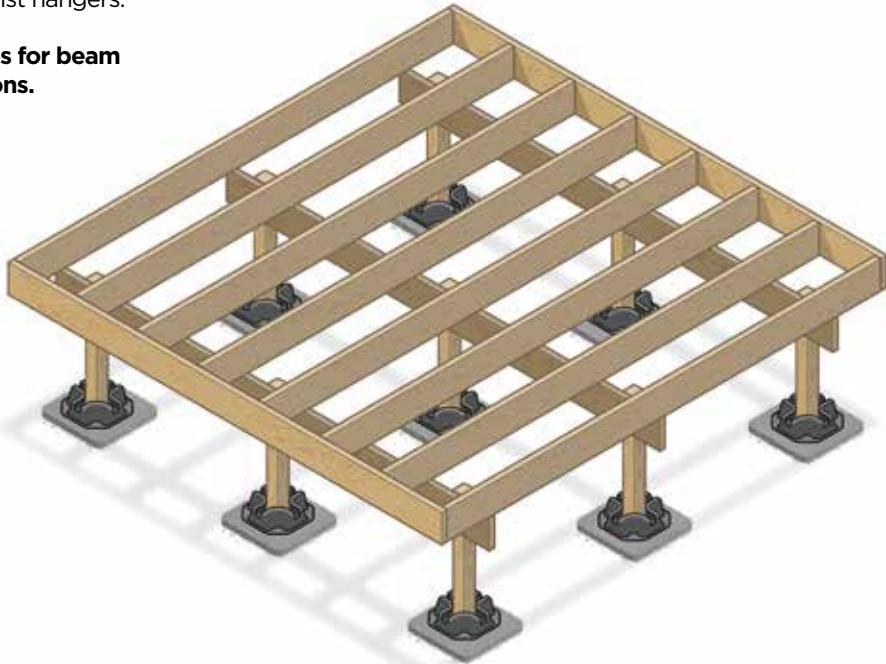
Finish building the frame by attaching the outer joists to the rim joists.



STEP 7

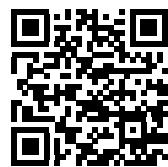
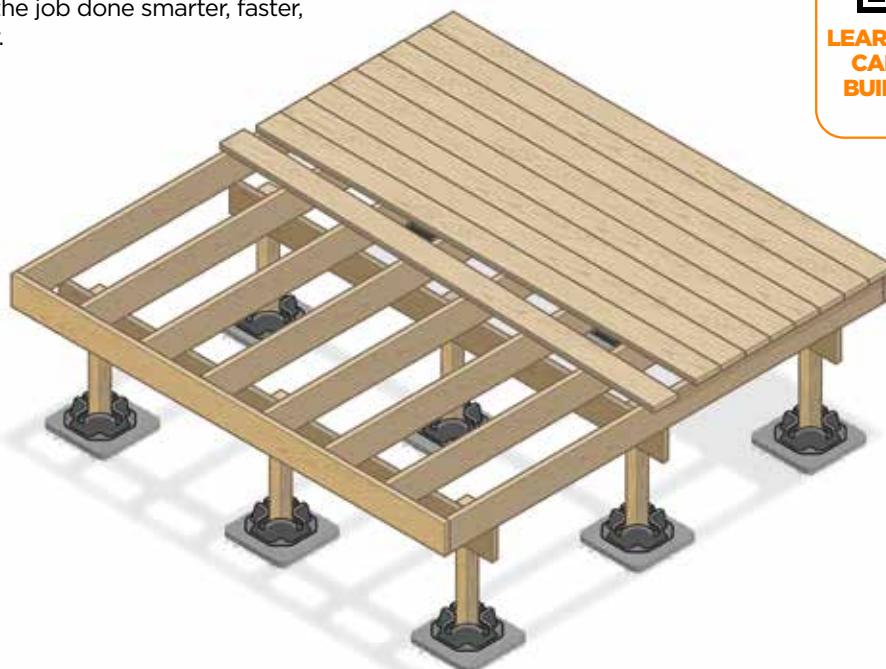
Install all joists. For the best practice installation, use joist hangers.

Check local codes for beam to joist connections.



STEP 8

Install the decking of your choice. Be sure to check out the full line of CAMO deck fasteners and tools to get the job done smarter, faster, easier, and better.

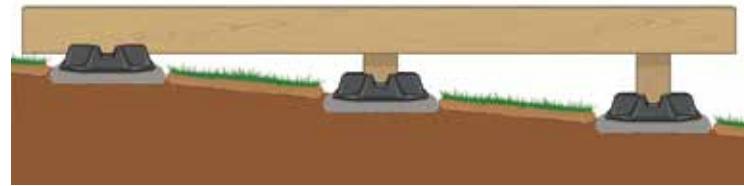


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Making a Plan

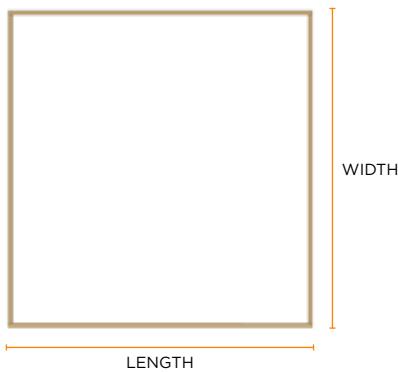
For a variable-height project, you will use posts, beams at various heights, and joists in your framing. Be sure to check local codes and load-bearing specifications for necessary beam locations.

Follow the instructions below to identify how many BLOCKS you'll need for your project.

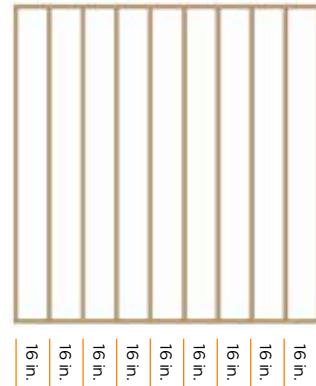


Use BLOCK on variable-height decks with posts and beams at various heights

- 1 Identify the overall dimensions of the frame



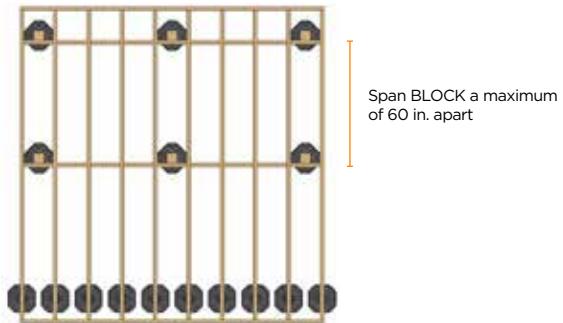
- 2 Locate all joists 16 in. on center



- 3 Check local codes and structural specs to identify where your beams and post piers will be located



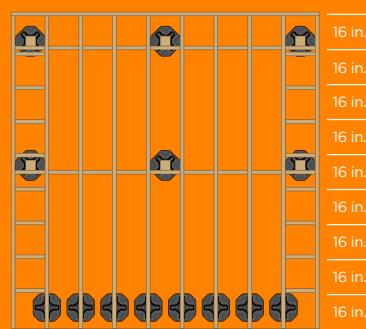
- 4 You will need BLOCKS along each post pier spanning a maximum of 60 in. apart



Optional: Conceal BLOCKS Under the Deck

If you don't want to see BLOCK in your finished project, follow these steps:

- 1 Remove the BLOCKS supporting the rim joists
- 2 Add wood blocking between the last row of BLOCKS and the rim joist, no more than 16" on center



- 5 Add up the number of BLOCKS.

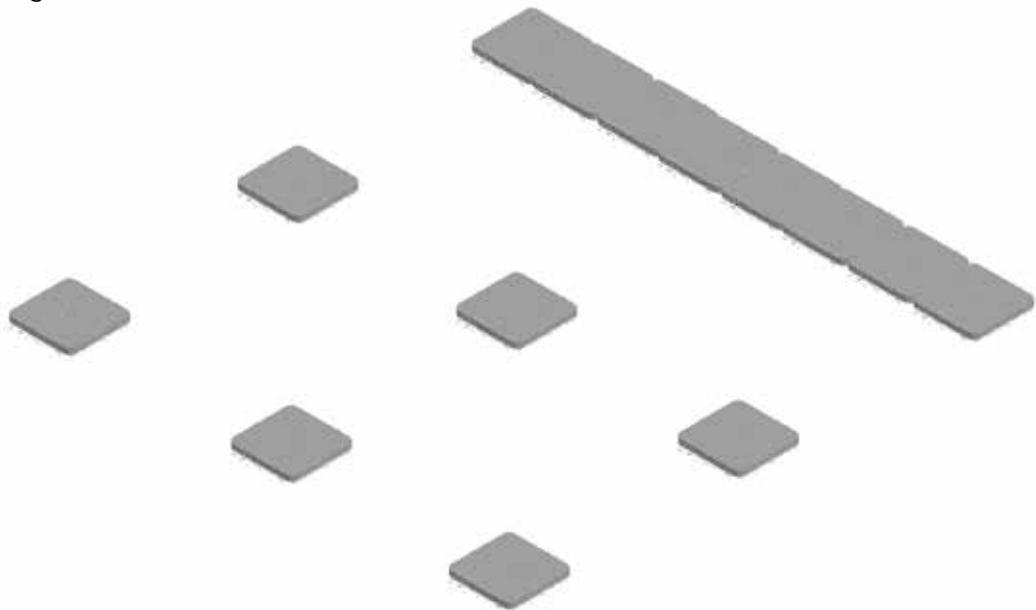


_____ BLOCKS
FOR YOUR PROJECT

! Always check with your local building code officials before starting any project.

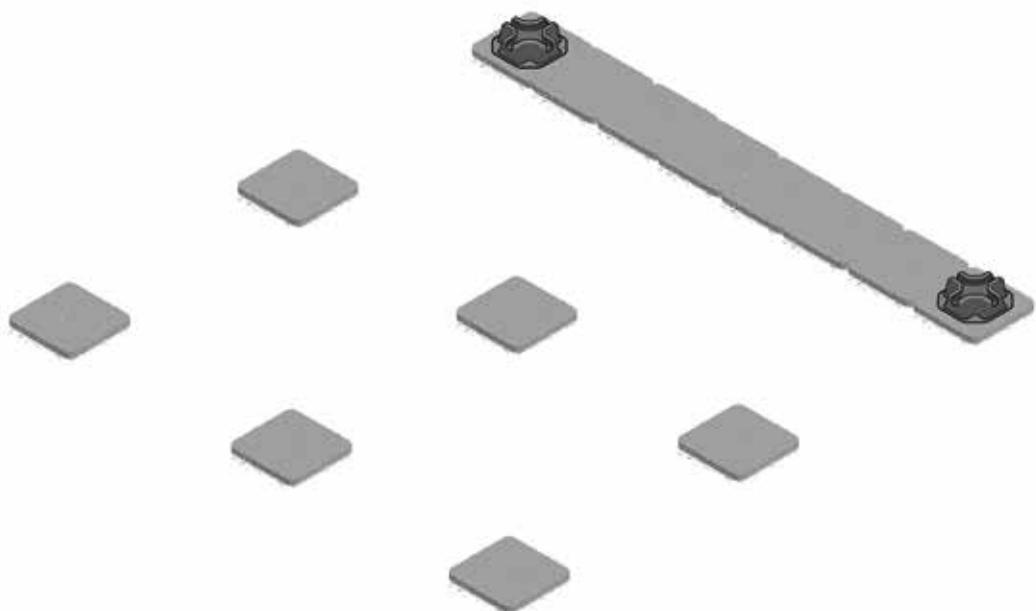
STEP 1

Prepare the area where your BLOCKS will go.



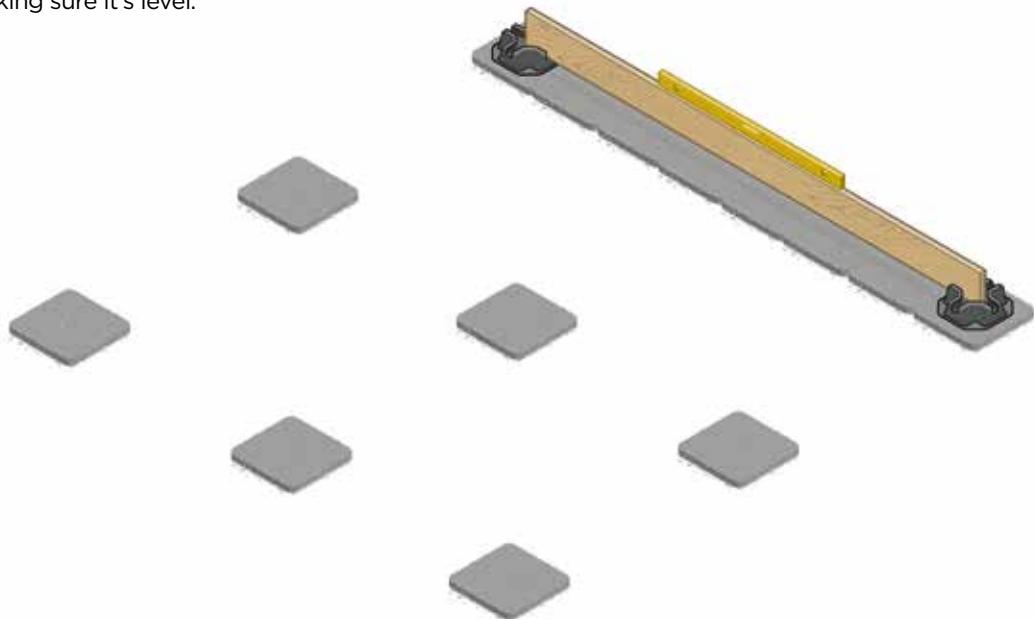
STEP 2

Starting at the lowest end of your project, place a BLOCK in each corner.



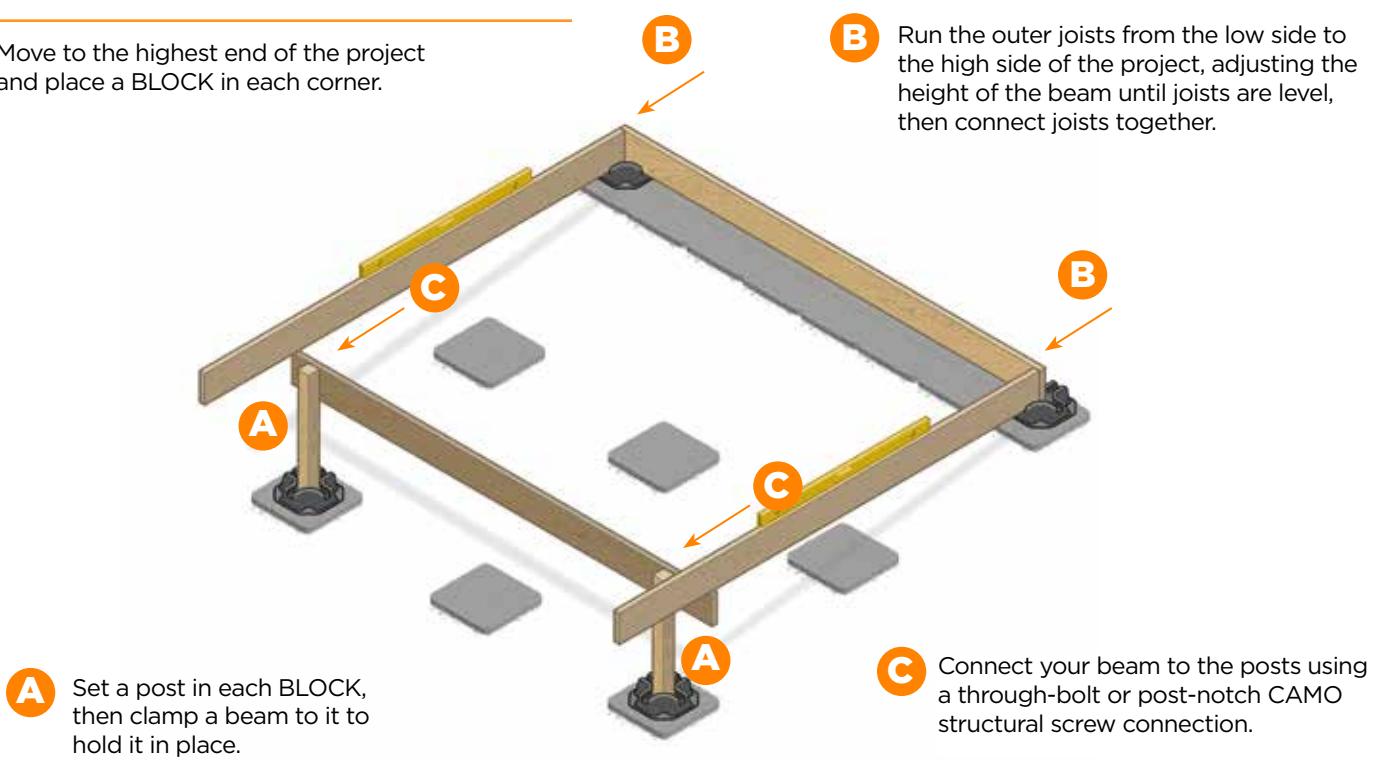
STEP 3

Place a rim joist between these two BLOCKS making sure it's level.



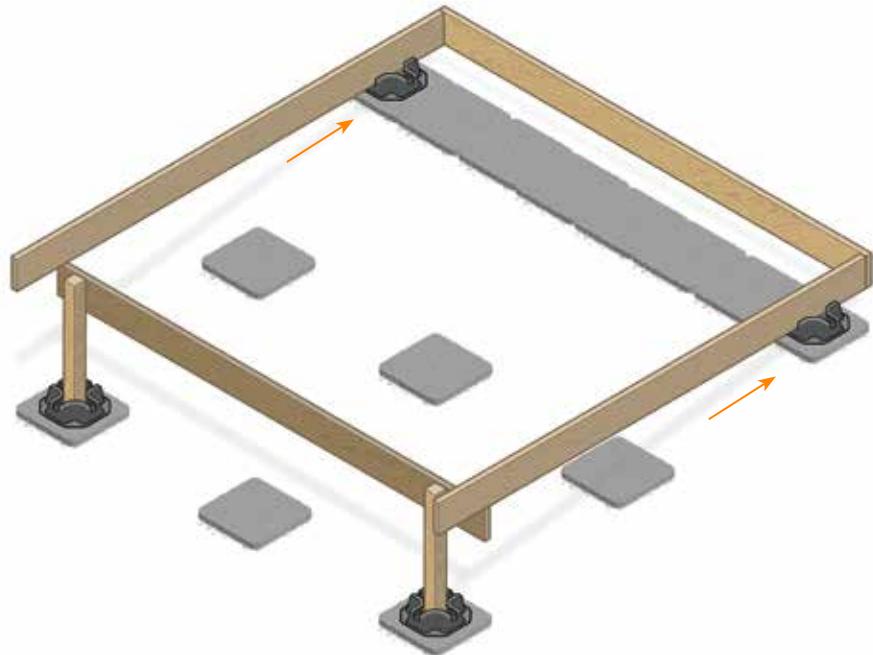
STEP 4

Move to the highest end of the project and place a BLOCK in each corner.



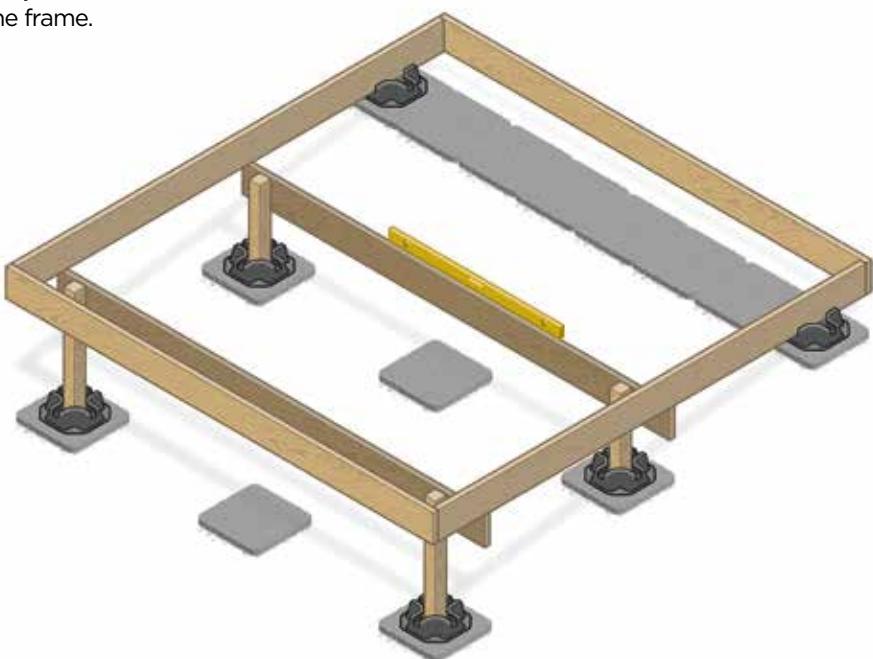
STEP 5

Lift lower end of frame and slide so outer joists are supported by BLOCKS.



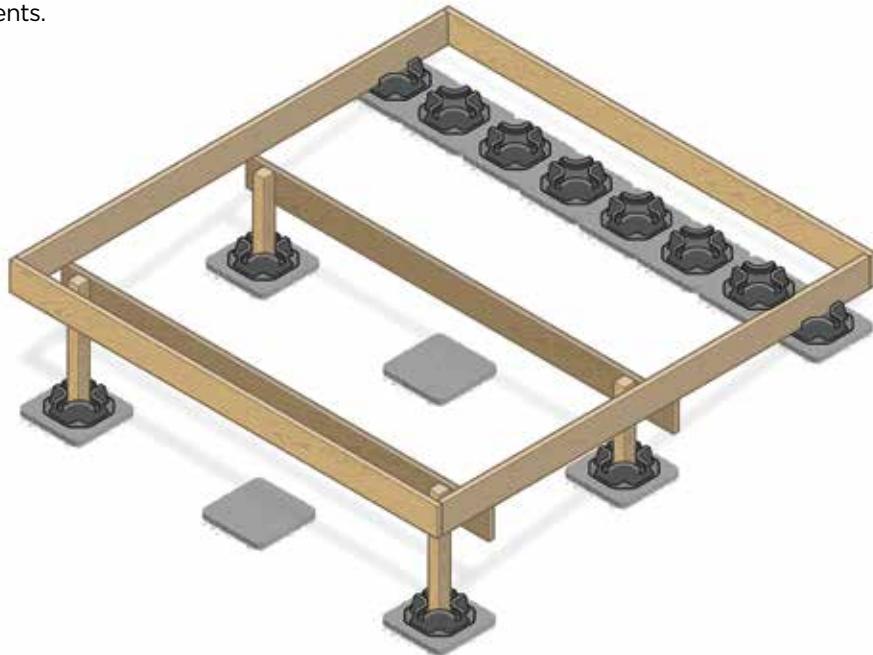
STEP 6

Attach the final outer joist to the rim joists to finish the frame.



STEP 7

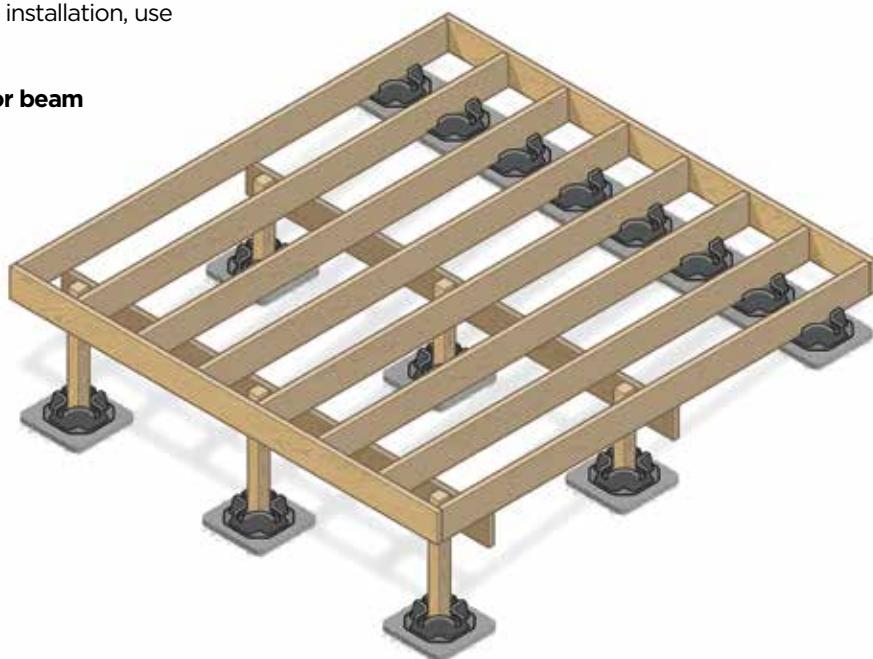
With the frame in place, set all BLOCKS, posts, and beams according to spacing and local code requirements.



STEP 8

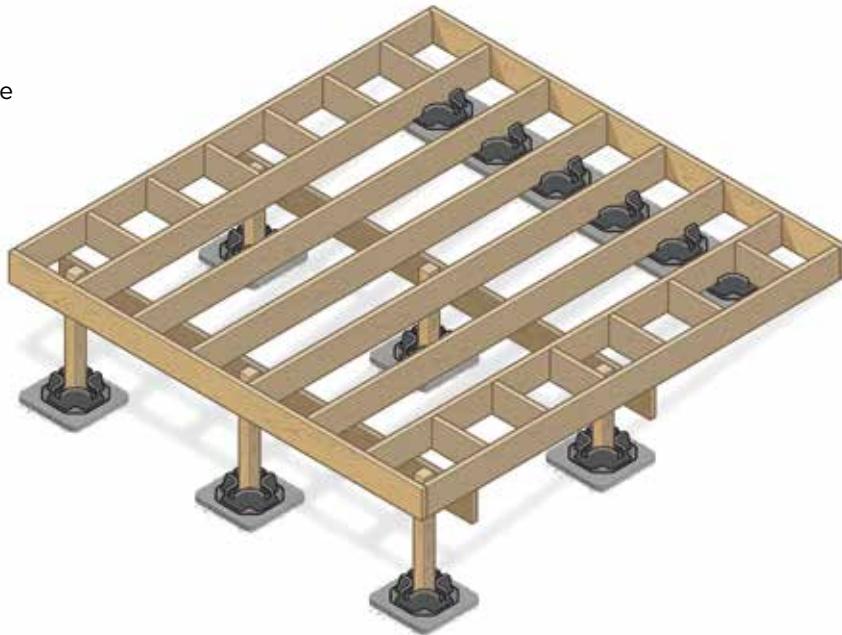
Install the joists on top of the beams.
For the best practice installation, use
joist hangers.

**Check local codes for beam
to joist connections.**



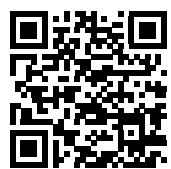
STEP 9 (OPTIONAL)

Conceal BLOCKS by removing the BLOCKS supporting the rim joists and adding wood blocking between the existing BLOCKS and rim joist, no more than 16" on center.



STEP 10

Install the decking of your choice. Be sure to check out the full line of CAMO deck fasteners and tools to get the job done smarter, faster, easier, and better.



**LEARN HOW CAMO
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DECK.**



Making a Plan

For a hybrid project, you will use posts, beams, and joists in your framing, in addition to your concrete footings. Be sure to check local codes and load-bearing specifications for necessary beam locations.

Follow the instructions below to identify how many BLOCKS you'll need for your project.



Use BLOCK along with concrete footings on Hybrid-Profile decks

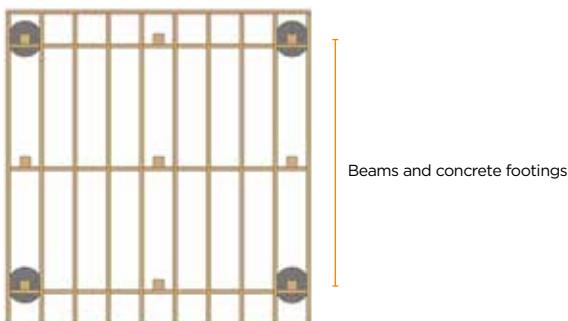
- 1 Identify the overall dimensions of the frame



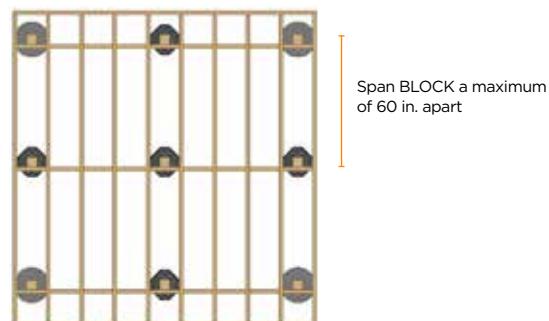
- 2 Locate all joists 16 in. on center



- 3 Check local codes and structural specs to identify where your beams and concrete footings would be located



- 4 You will need BLOCKS along each post pier spanning a maximum of 60 in. apart



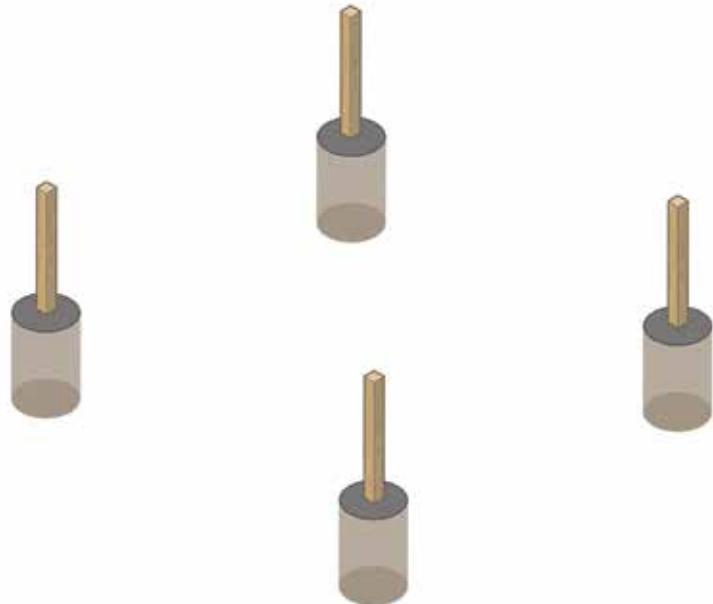
- 5 Add up the number of BLOCKS.

_____ BLOCKS
FOR YOUR PROJECT

Always check with your local building code officials before starting any project.

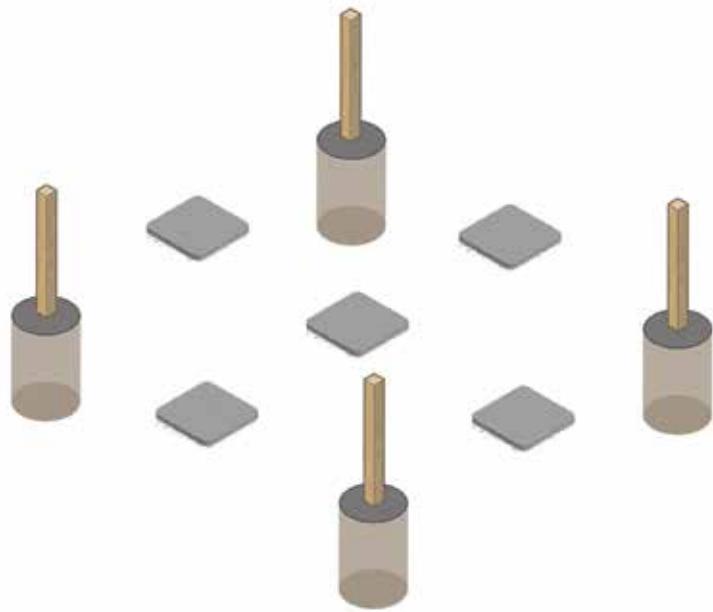
STEP 1

Establish your concrete footings.



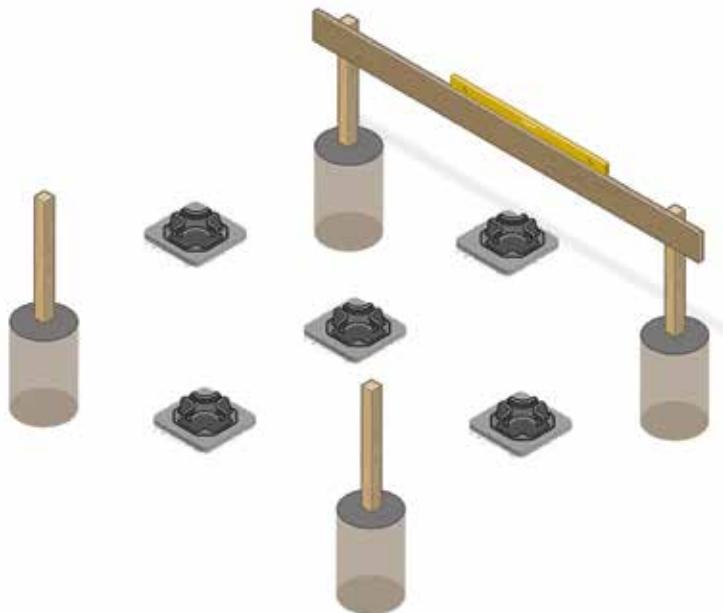
STEP 2

Prepare the area where your
BLOCKS will go.



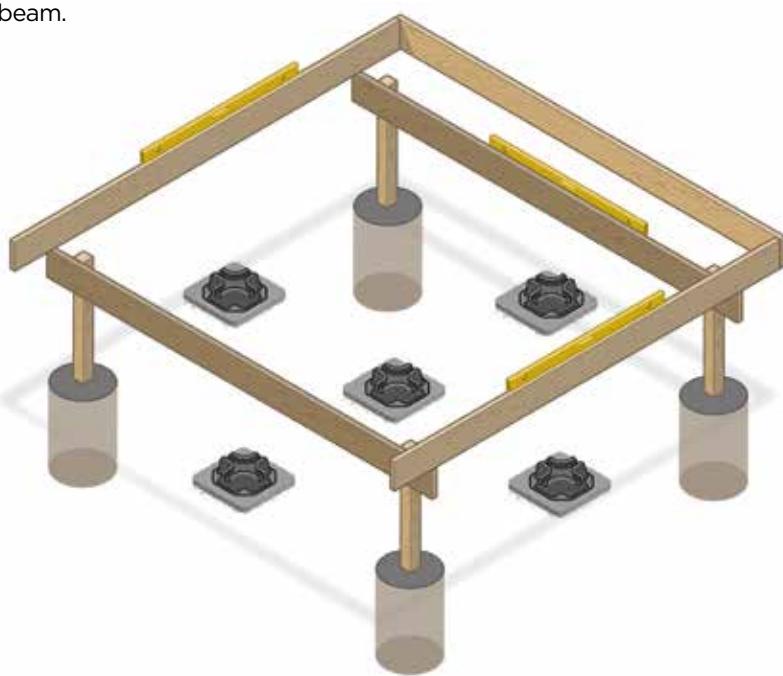
STEP 3

Place and level your first beam across two concrete footings.
Repeat on the other side.



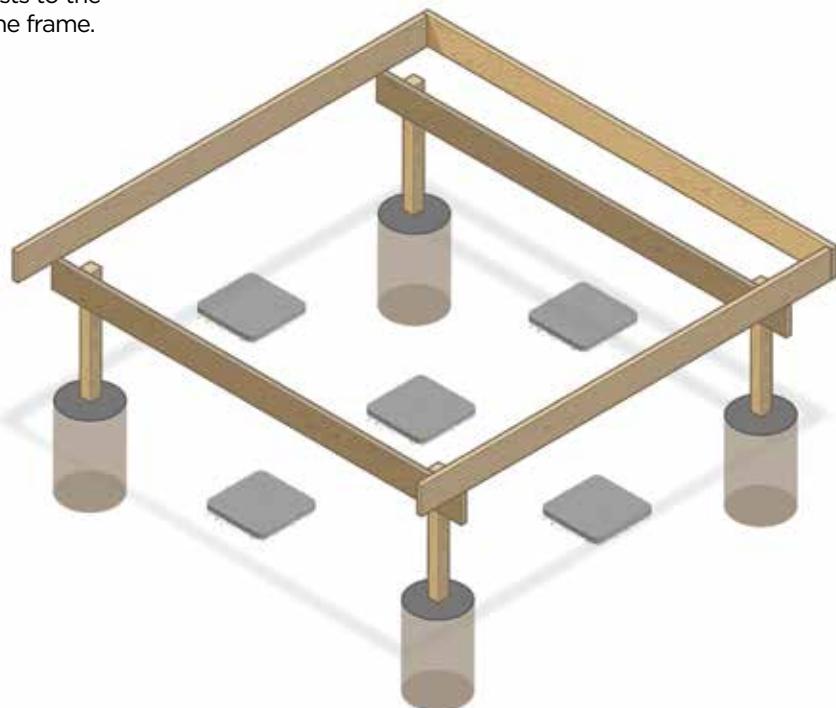
STEP 4

Place and level your rim joists
and attach them to the beam.



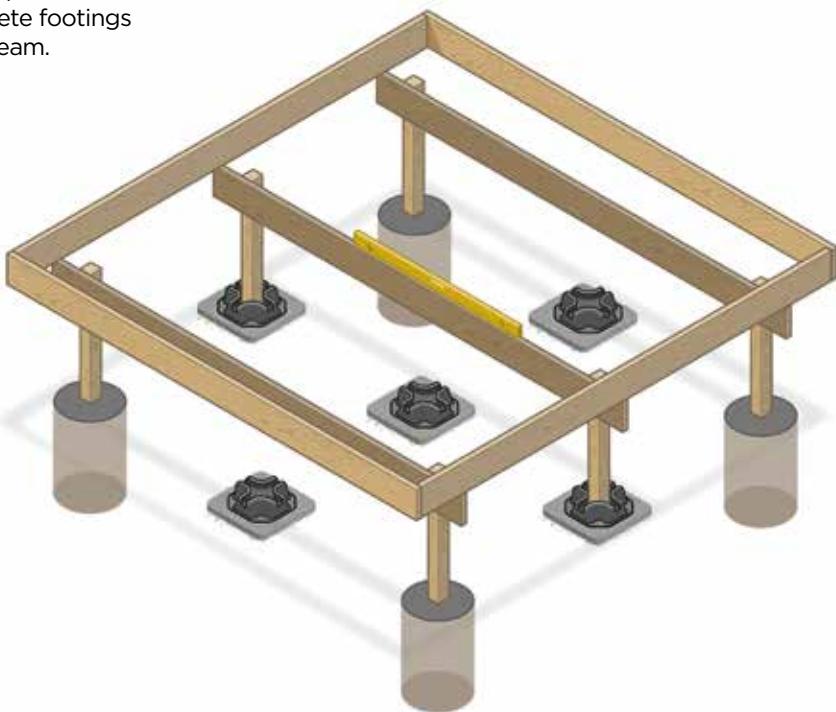
STEP 5

Attach the outer joists to the rim joists to finish the frame.



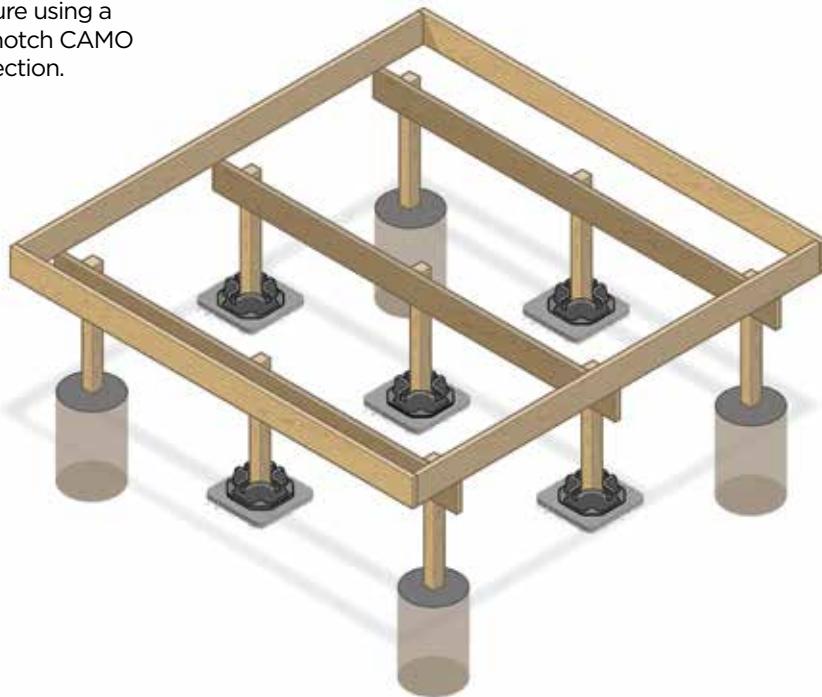
STEP 6

Place BLOCKS and posts in between the concrete footings to install another beam.



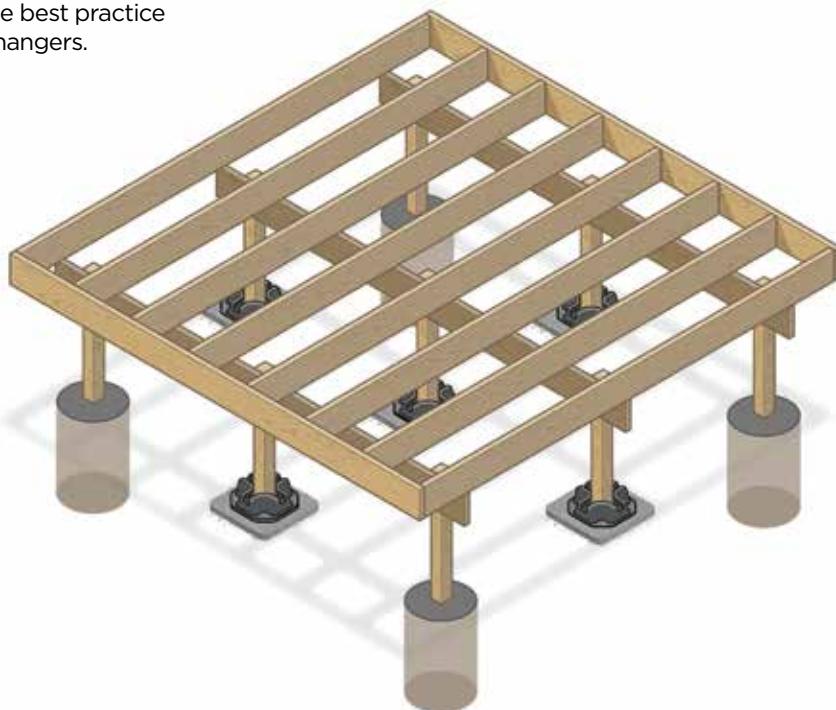
STEP 7

Add remaining BLOCKS and posts to the beams and secure using a through-bolt or post-notch CAMO structural screw connection.



STEP 8

With all posts and beams in place, install all joists. For the best practice installation, use joist hangers.

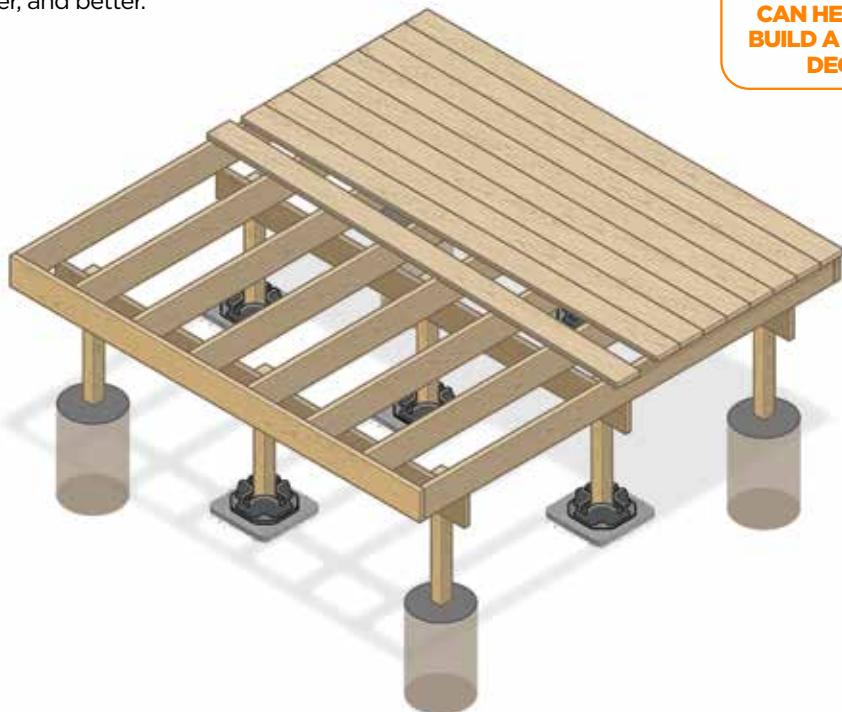


STEP 9

Install the decking of your choice. Be sure to check out the full line of CAMO deck fasteners and tools to get the job done smarter, faster, easier, and better.



LEARN HOW CAMO
CAN HELP YOU
BUILD A BETTER
DECK.





BUILD YOUR DECK UP TO 5X FASTER

ANY DECK BOARD, SUBSTRUCTURE, DESIGN, OR DESIRED FINISH. CAMO® HELPS YOU BUILD BETTER.



FASTENERS

UNIVERSAL DECK CLIPS & SCREWS

Any fastening method for any board.



LEVER®

BOARD BENDING & LOCKING TOOL

Lock any board on wood or metal joists.



DRIVE™

STAND-UP DECK FASTENING TOOL

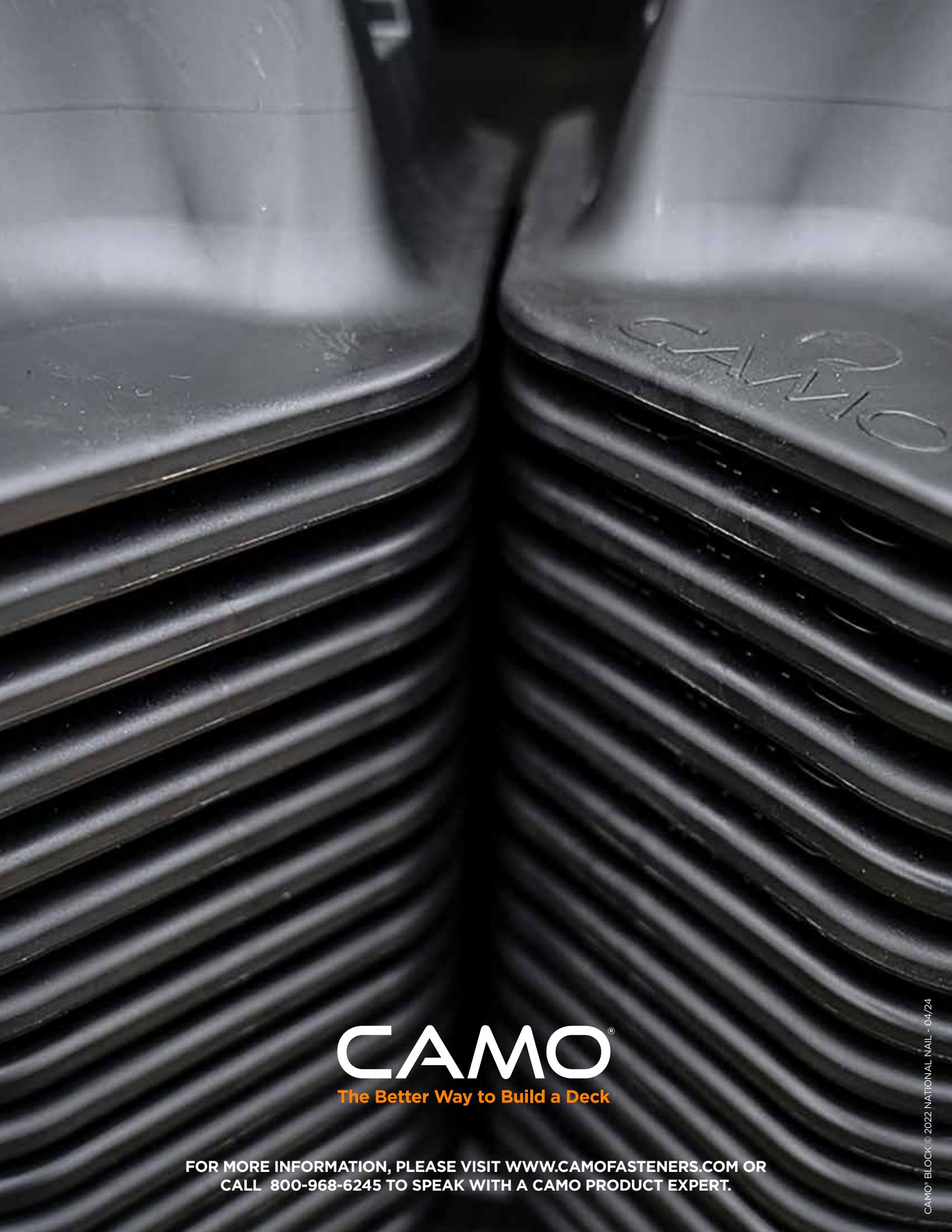
Fasten Collated Edge and Face Screws and CAMO Universal Deck Clips.



CLIPDRIVE™

FASTENING TOOL FOR CAMO DECK CLIPS

Fasten CAMO Universal Deck Clips while standing.



CAMO

The Better Way to Build a Deck

FOR MORE INFORMATION, PLEASE VISIT WWW.CAMOFASTENERS.COM OR
CALL 800-968-6245 TO SPEAK WITH A CAMO PRODUCT EXPERT.