CorpsThree Command Center desk

Seam A template (72 in from the left end), 1:1, tiled on US Letter

Print every page at 100% / Actual size (turn off Fit to page). Check the 1 in square and the 3 in ruler below.

Full sheet: 21 x 35 in, 3 columns x 4 rows = 12 tiles. Tiles overlap 0.5 in on the right and bottom edges.

Assemble: lay the tiles out by their R/C labels, overlap each seam so the circle-cross marks sit exactly on top of each other, then tape. The thick FRONT EDGE line is near the bottom of row 4.

Use: desk top upside down. FRONT EDGE line on the board's front edge, red line on the seam. All placements are measured along the 30 in depth from the FRONT edge (0 in) to the back / wall edge (30 in).

Placements (from the FRONT edge), plan values from Fusion 'Command Center Floating Desk' v11:

Biscuits (#20, 2 stacked per mark): 3.00, 9.00, 15.00, 21.00, 27.00 in. Upper row 0.45 in, lower 0.89 in below top.

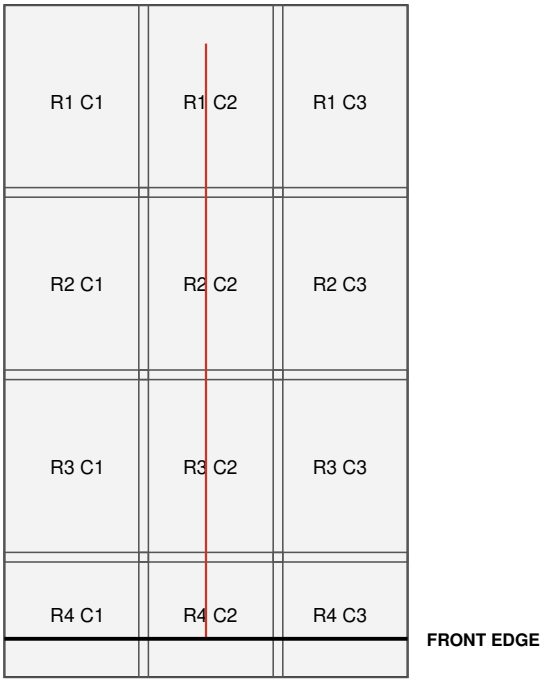
Connector bolts (AIYOTAR): 12.00 and 24.00 in. Pockets 1.45 in dia (1-1/2 in Forstner) x 0.55 deep, 1.2 in each side.

Pocket bit: 1-1/2 in Forstner. Join each pair of pockets with a 5/16 in wide x 1/2 in deep channel.

SpeedBrace at 76 in, 4 in from the seam: tip 5.86 in (4 in wall gap) or 3.86 in (2 in wall gap).

Wall gap: leave 2-1/2 in or more between the desk and the wall (up to 4 in is fine).

Tile map (sheet 21 x 35 in)



red: seam line

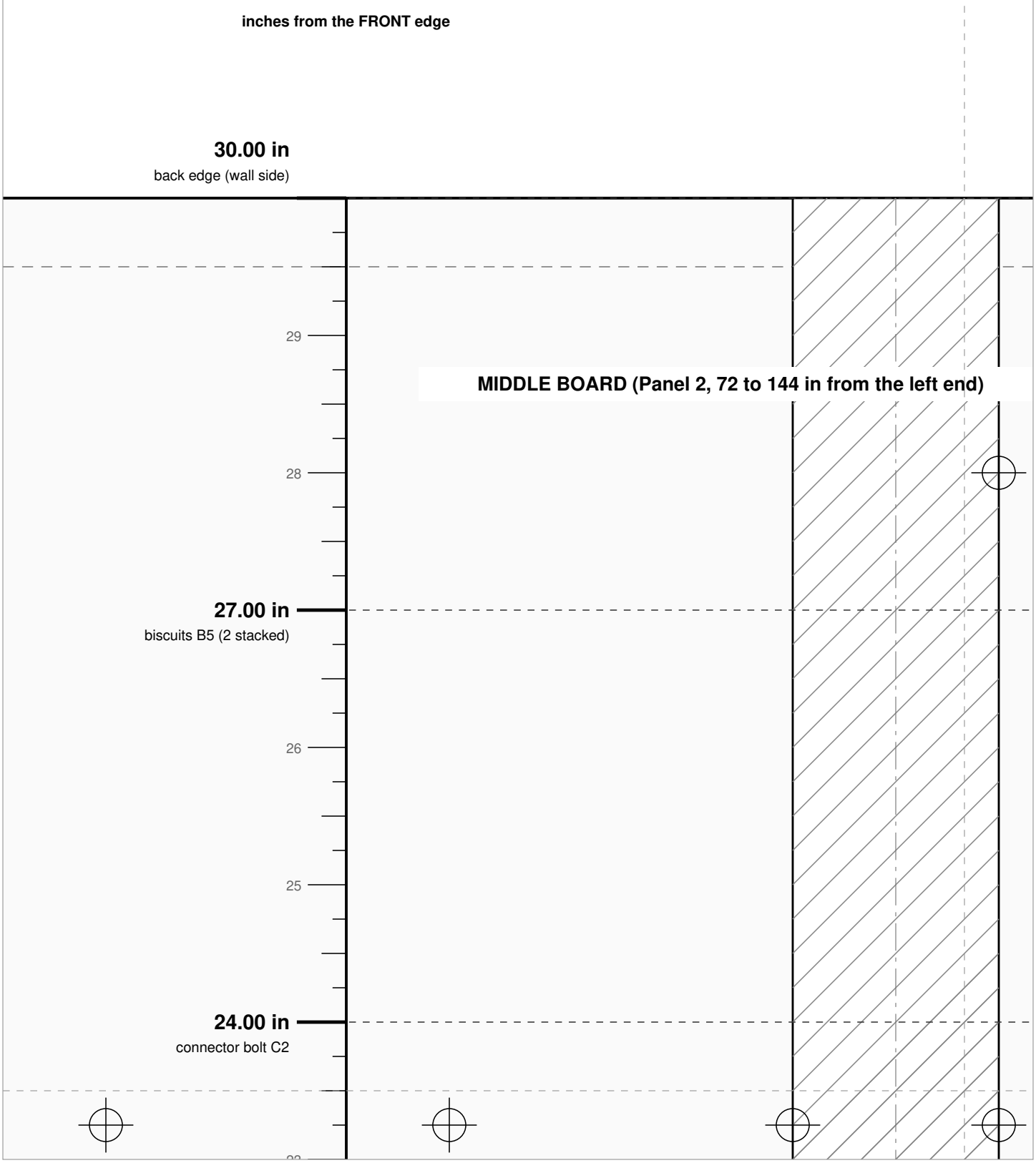
1 in

0 1 2 3

corpsthree.com

CorpsThree Command Center desk: SEAM A templa

Seam A = 72 in from the left end of the 216 in (18 ft) top. UNDERSIDE view: board upside down, FRONT edge
Line up the thick FRONT EDGE line with the board's front edge and the red line with the seam. If the front edg
All placements are measured along the 30 in depth from the FRONT edge (0 in) to the back / wall edge (30 in)

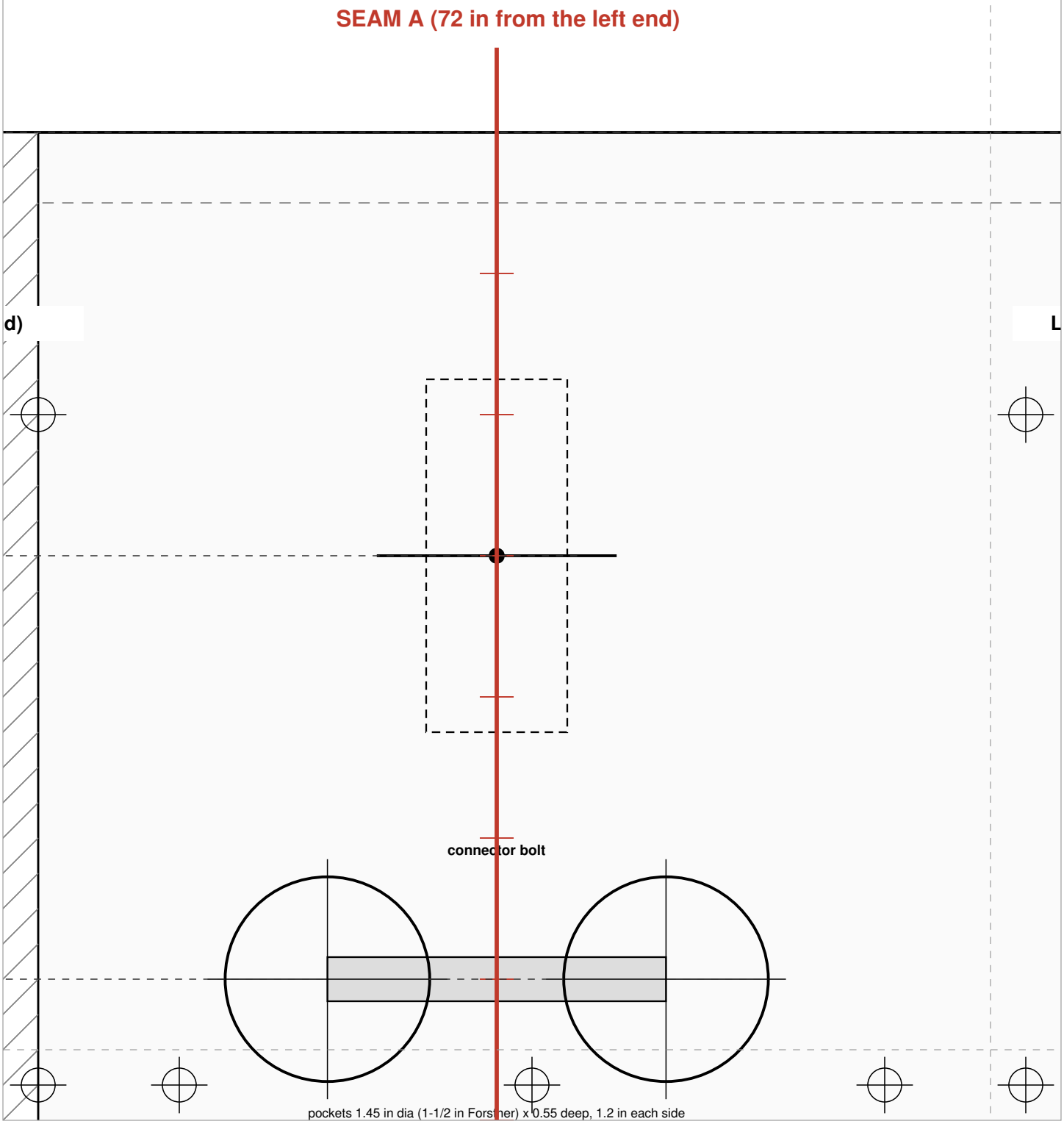


CorpsThree Command Center desk | Seam A (72 in) template 1:1 | tile R1 C1 of 4 rows x 3 columns | print at 100%

Dashed gray lines mark the 0.5 in overlap: lay the next tile over it so the circle-cross marks line up, then tape.

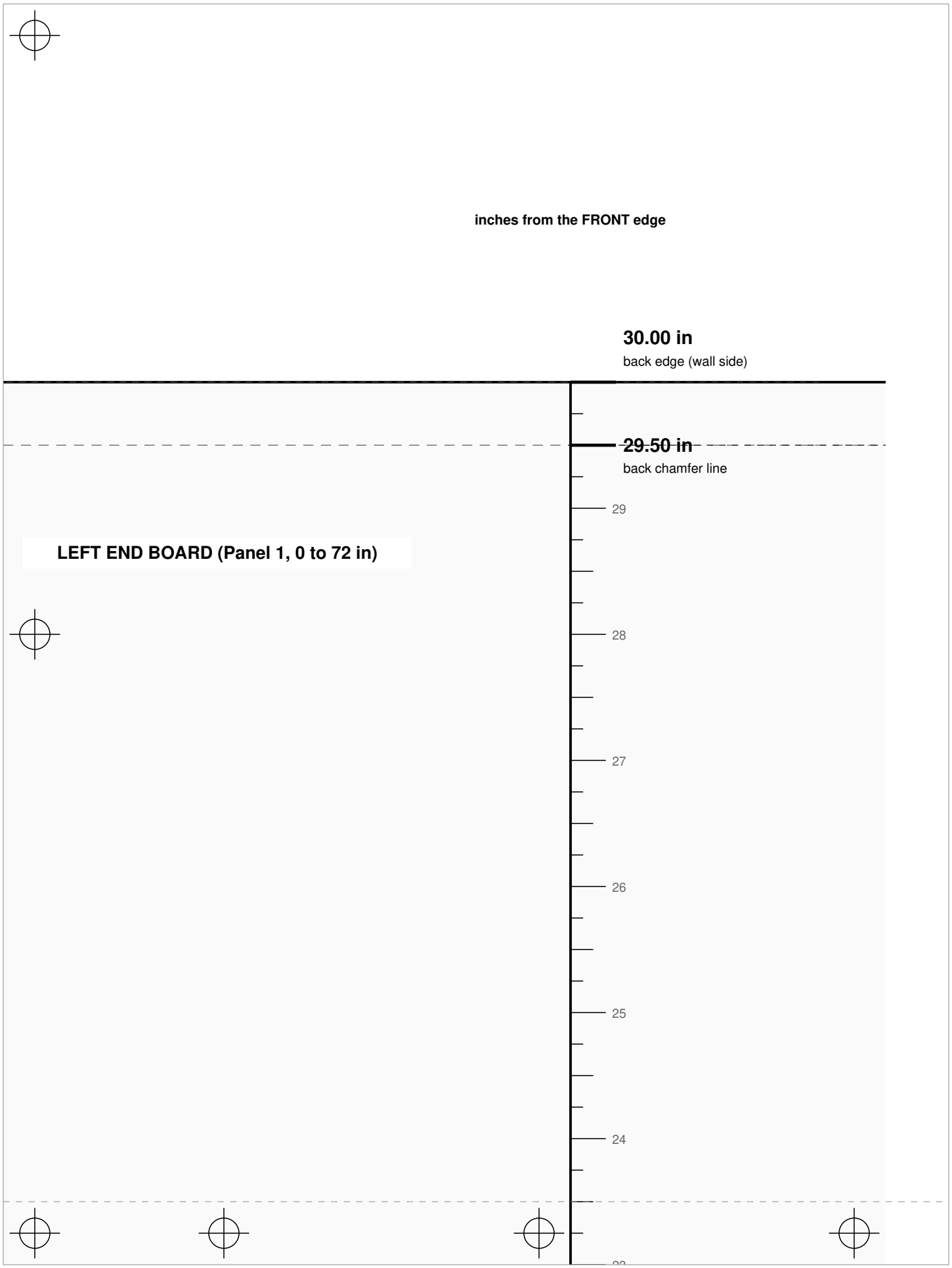
mplate, 1:1 actual size

NT edge toward you (flipped end over end).
ont edge is away from you, turn the sheet 180 degrees.
e (30 in). Plan source: Fusion Command Center v11.



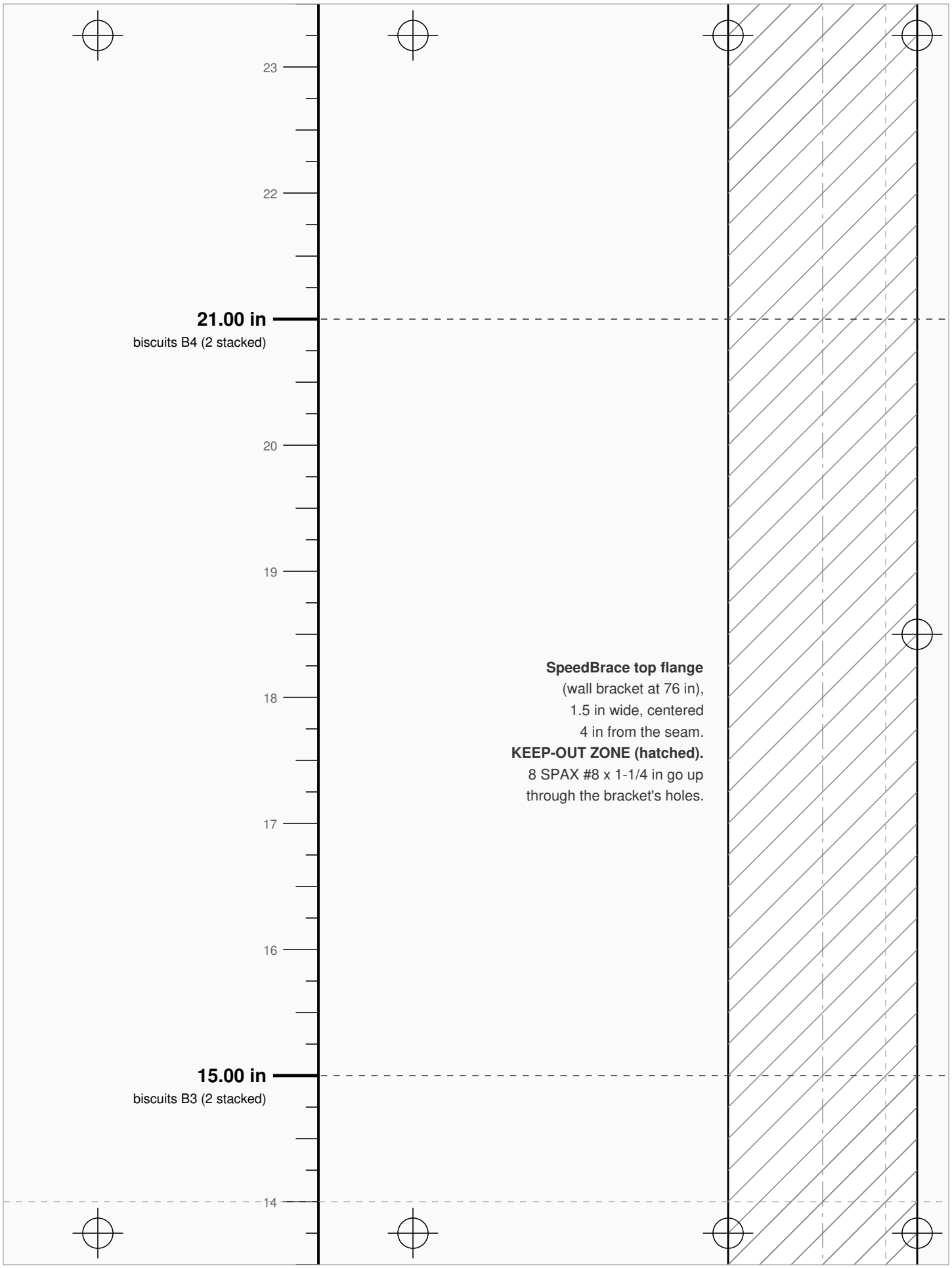
CorpsThree Command Center desk | Seam A (72 in) template 1:1 | tile R1 C2 of 4 rows x 3 columns | print at 100%

Dashed gray lines mark the 0.5 in overlap: lay the next tile over it so the circle-cross marks line up, then tape.



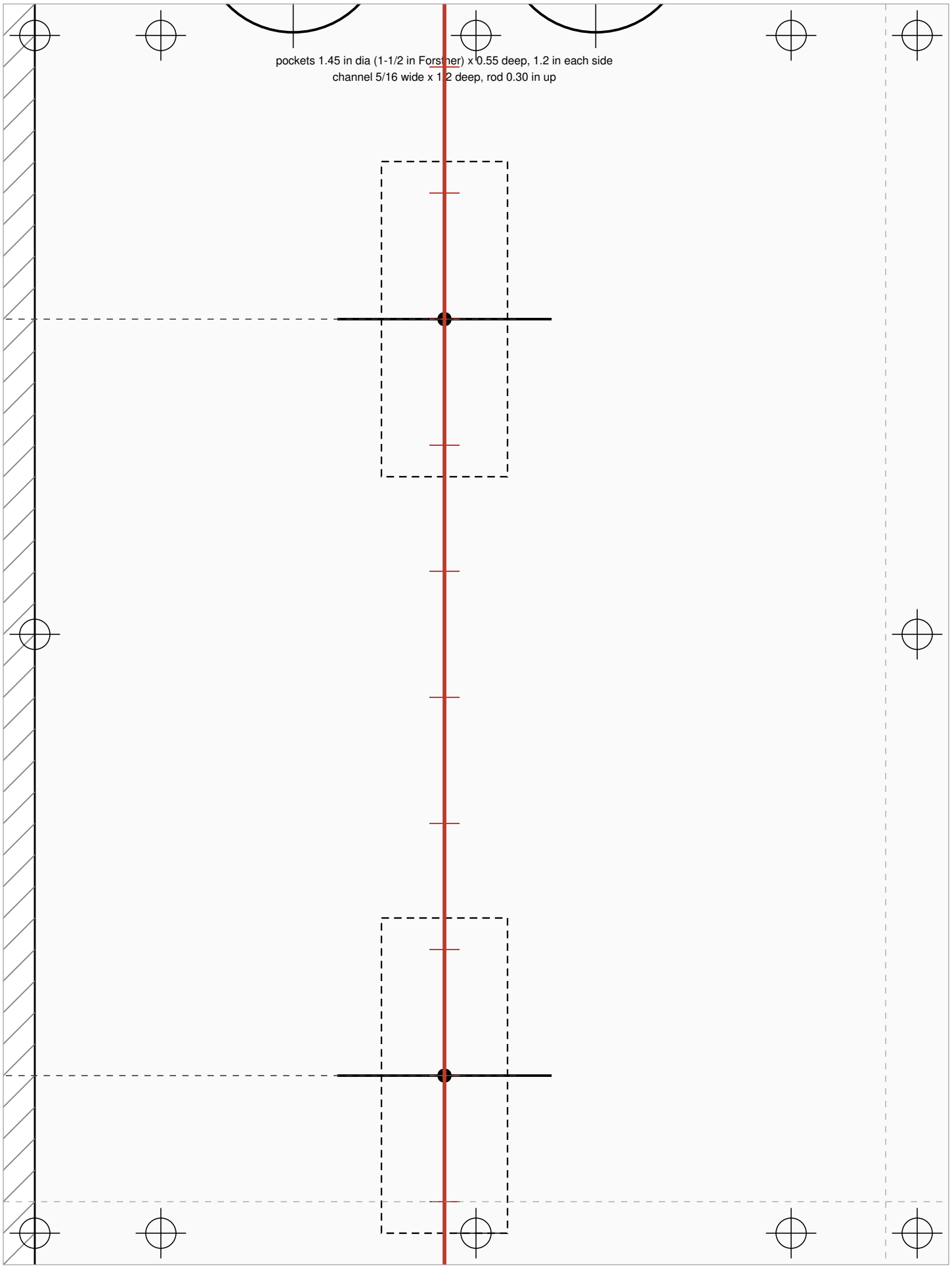
CorpsThree Command Center desk | Seam A (72 in) template 1:1 | tile R1 C3 of 4 rows x 3 columns | print at 100%

Dashed gray lines mark the 0.5 in overlap: lay the next tile over it so the circle-cross marks line up, then tape.



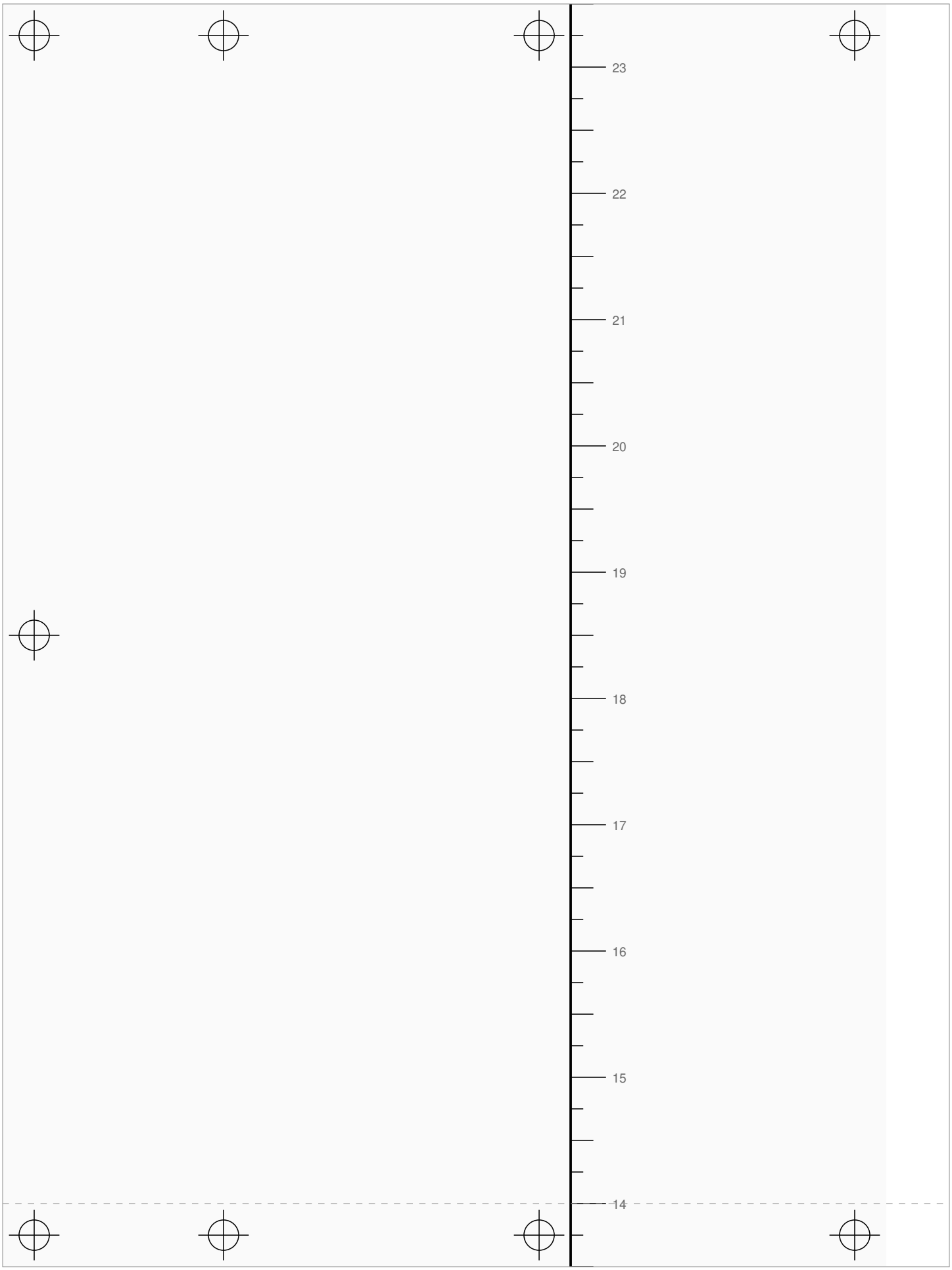
CorpsThree Command Center desk | Seam A (72 in) template 1:1 | tile R2 C1 of 4 rows x 3 columns | print at 100%

Dashed gray lines mark the 0.5 in overlap: lay the next tile over it so the circle-cross marks line up, then tape.



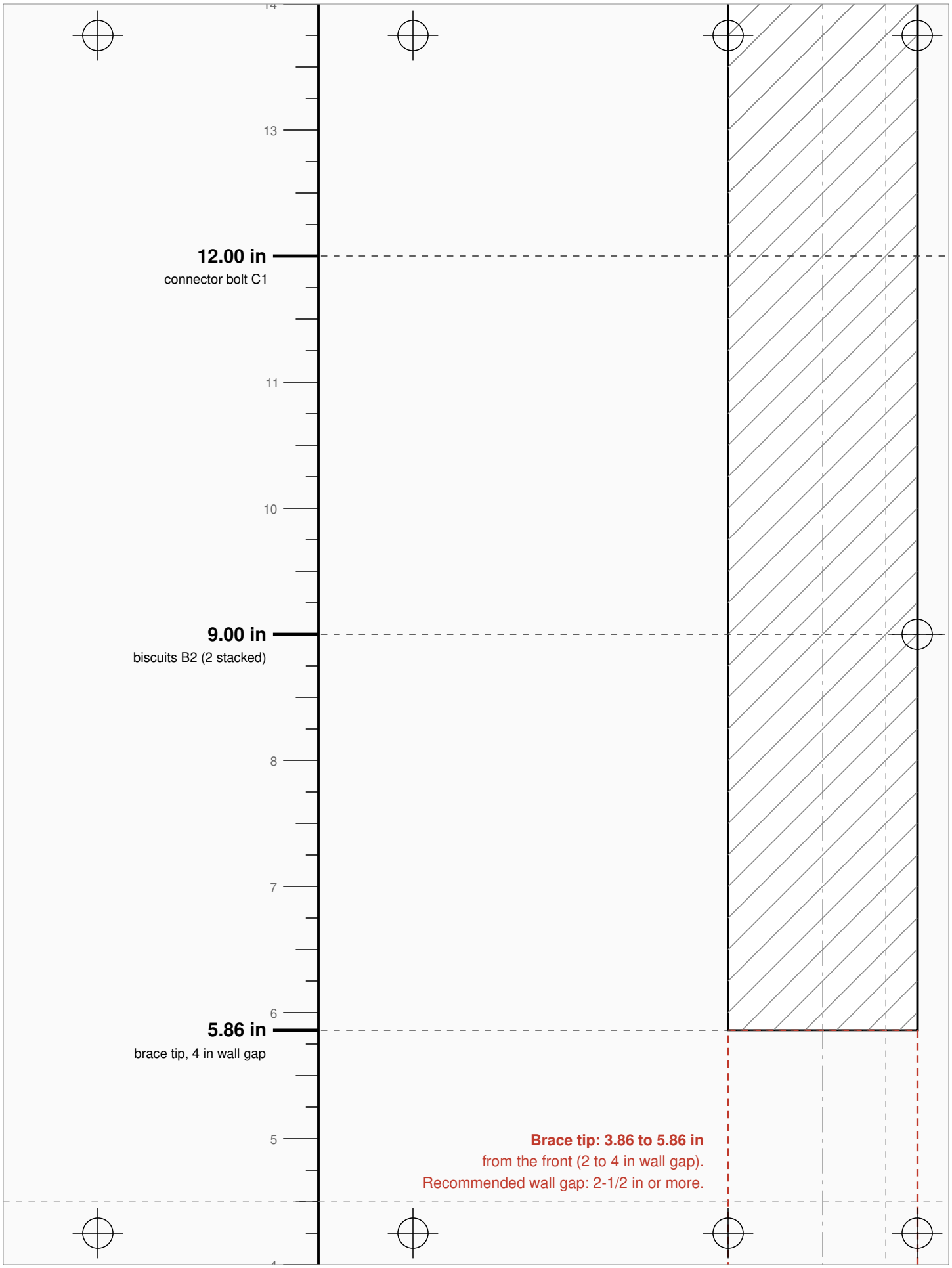
CorpsThree Command Center desk | Seam A (72 in) template 1:1 | tile R2 C2 of 4 rows x 3 columns | print at 100%

Dashed gray lines mark the 0.5 in overlap: lay the next tile over it so the circle-cross marks line up, then tape.



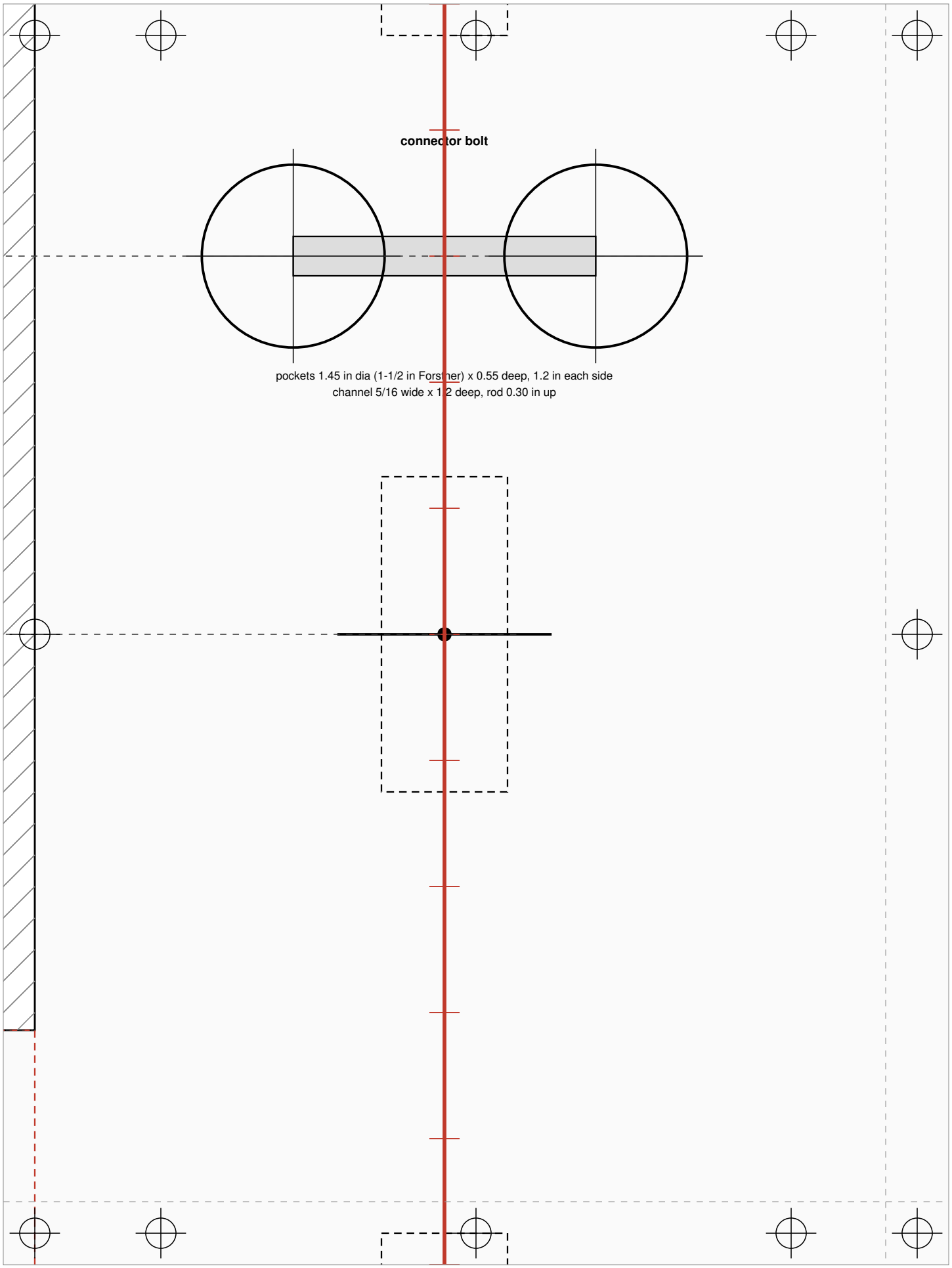
CorpsThree Command Center desk | Seam A (72 in) template 1:1 | tile R2 C3 of 4 rows x 3 columns | print at 100%

Dashed gray lines mark the 0.5 in overlap: lay the next tile over it so the circle-cross marks line up, then tape.



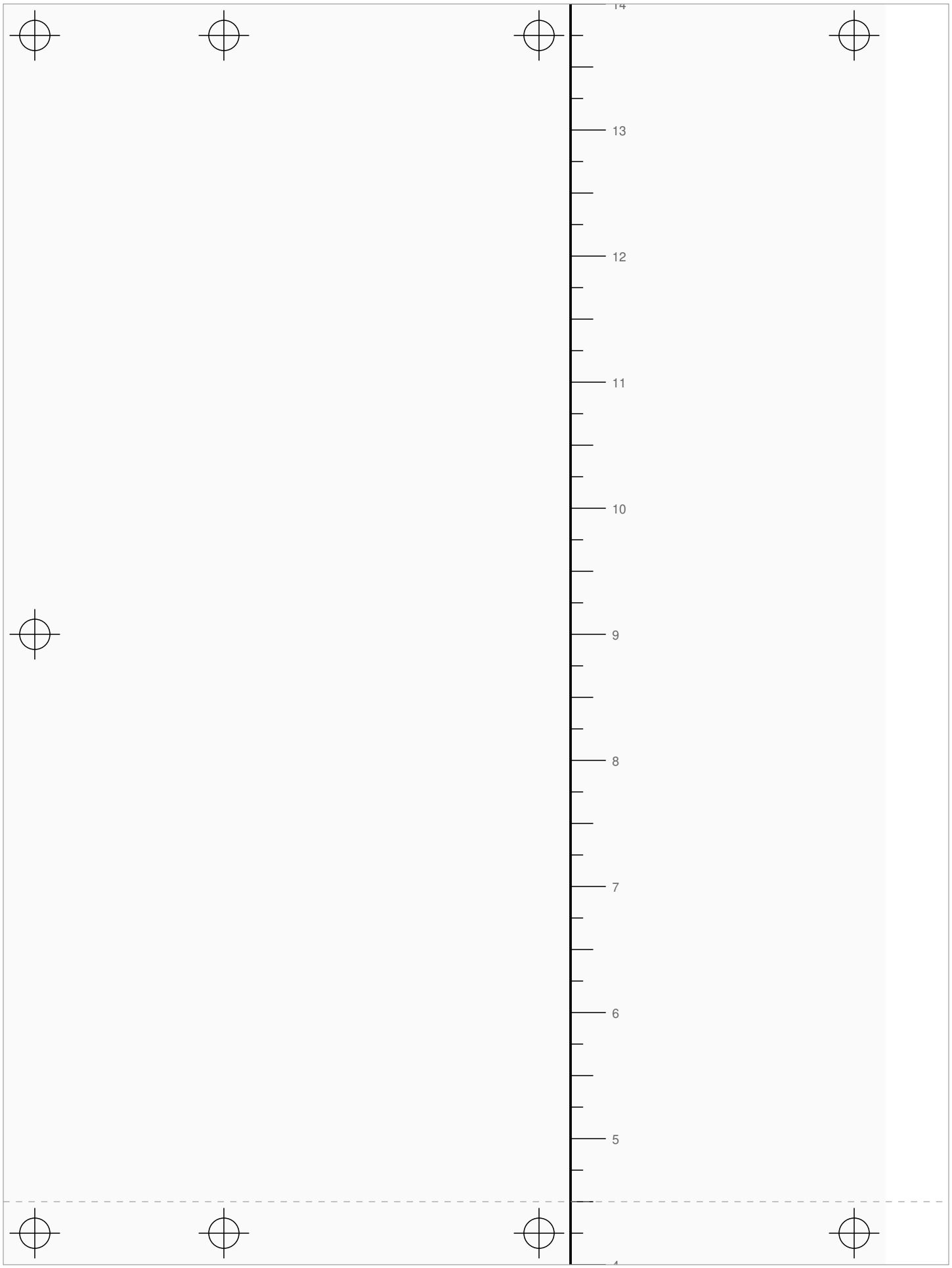
CorpsThree Command Center desk | Seam A (72 in) template 1:1 | tile R3 C1 of 4 rows x 3 columns | print at 100%

Dashed gray lines mark the 0.5 in overlap: lay the next tile over it so the circle-cross marks line up, then tape.



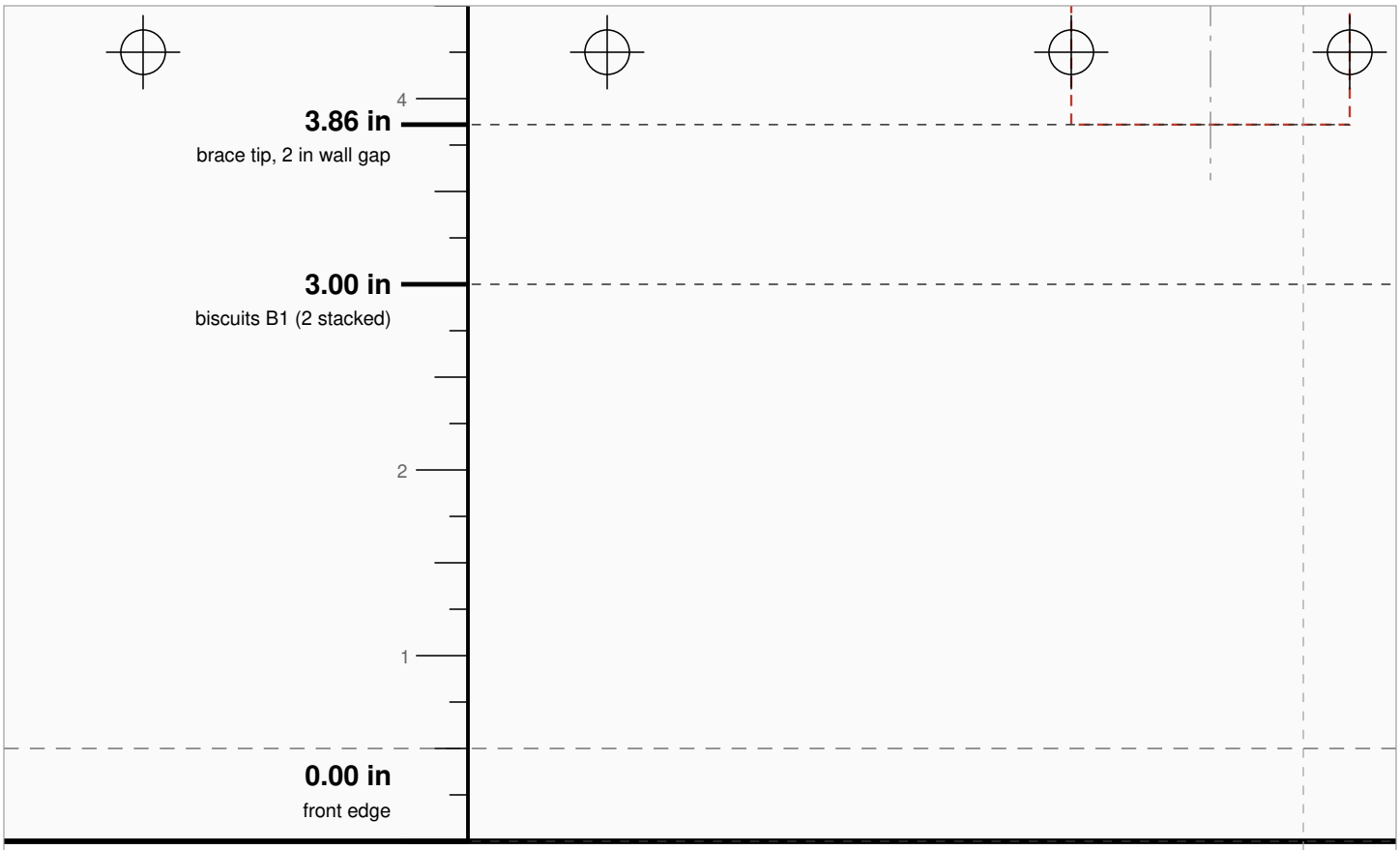
CorpsThree Command Center desk | Seam A (72 in) template 1:1 | tile R3 C2 of 4 rows x 3 columns | print at 100%

Dashed gray lines mark the 0.5 in overlap: lay the next tile over it so the circle-cross marks line up, then tape.



CorpsThree Command Center desk | Seam A (72 in) template 1:1 | tile R3 C3 of 4 rows x 3 columns | print at 100%

Dashed gray lines mark the 0.5 in overlap: lay the next tile over it so the circle-cross marks line up, then tape.



0 = FRONT EDGE

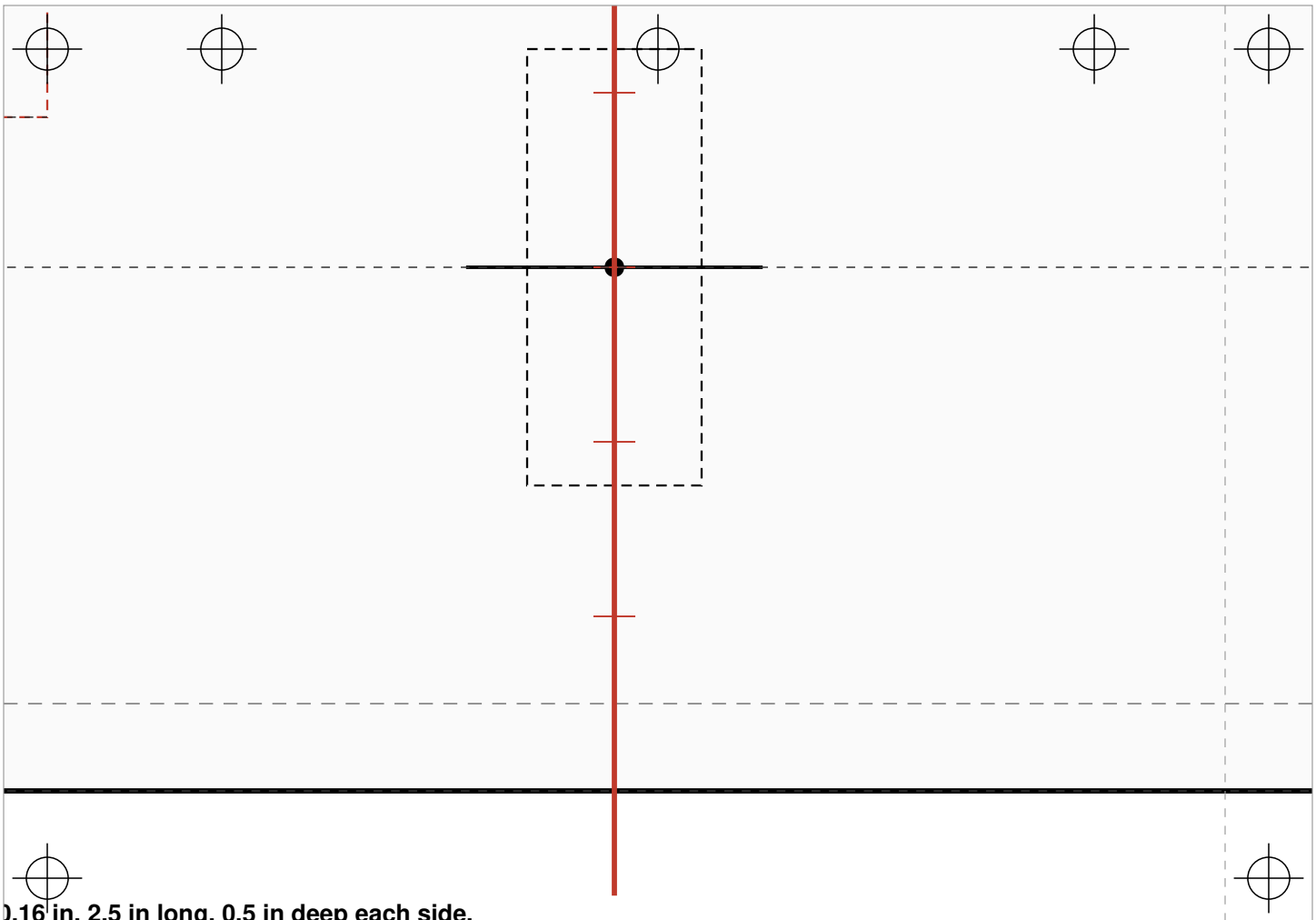
THICKNESS (1.57 in board): biscuit slots are cut in the board ENDS, two rows per position, slot width 0.16 in,

Upper row center: 0.45 in below the TOP face (0.34 in above center). Lower row center: 0.89 in below the TOP face (0

Center of thickness = 0.79 in. Set the joiner fence from the TOP face. Connector bolt pockets: 1-1/2 in Forstner bit, 0.5

Biscuit center marks (dots + short black lines) can be transferred to the top face at the same inch marks.

Dashed gray lines mark the 0.5 in overlap: lay the next tile over it so the circle-cross marks line up, then tape.

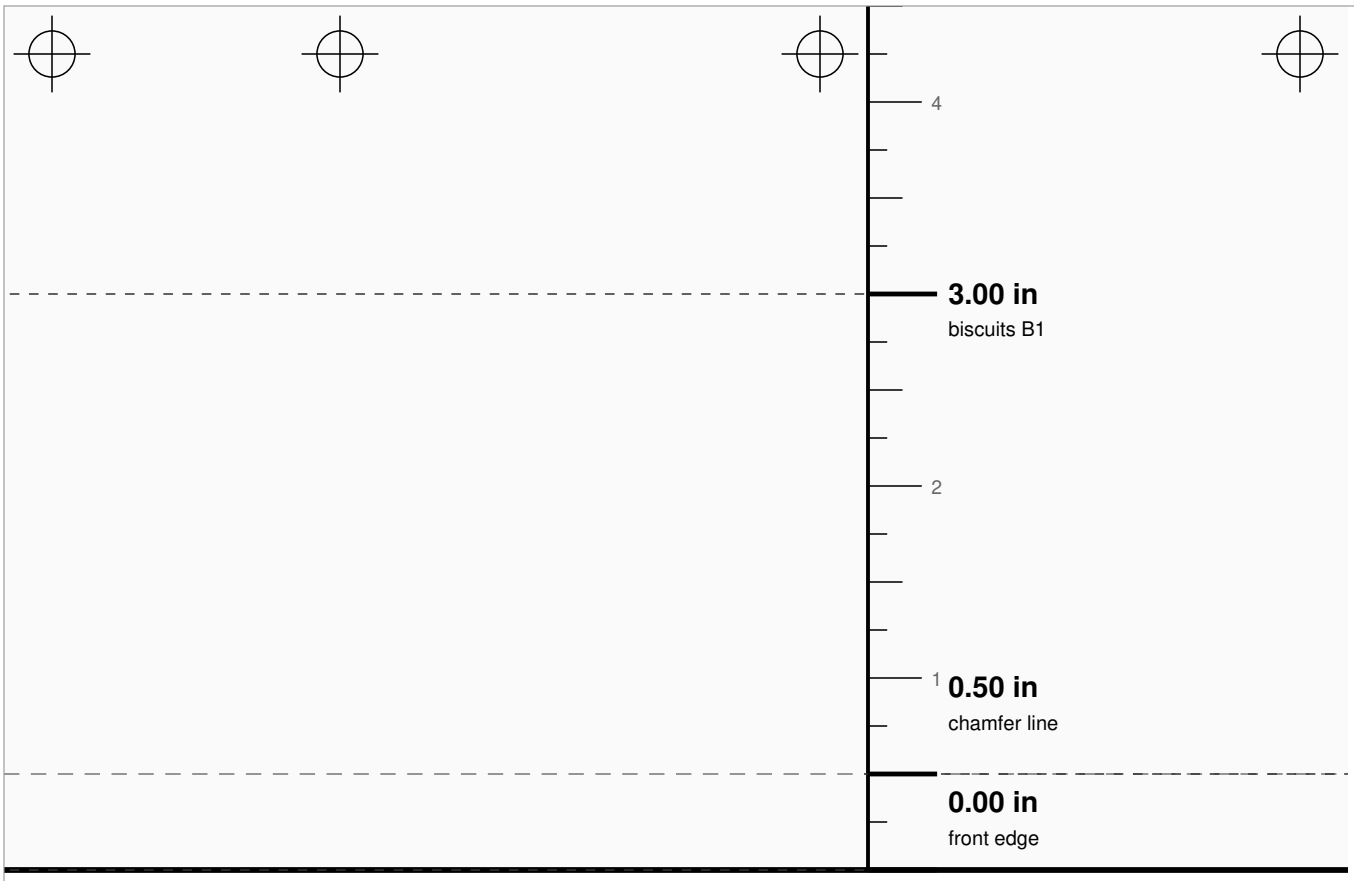


0.16 in, 2.5 in long, 0.5 in deep each side.

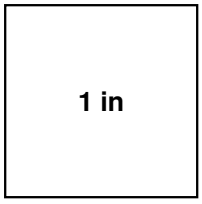
P face (0.10 in below center, 0.68 in above the bottom face).

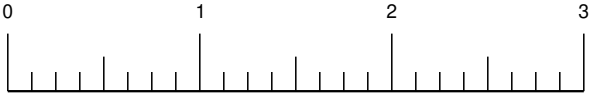
r bit, 0.55 in deep.

Dashed gray lines mark the 0.5 in overlap: lay the next tile over it so the circle-cross marks line up, then tape.



0 = FRONT EDGE





scale check: print at 100%, no fit to page

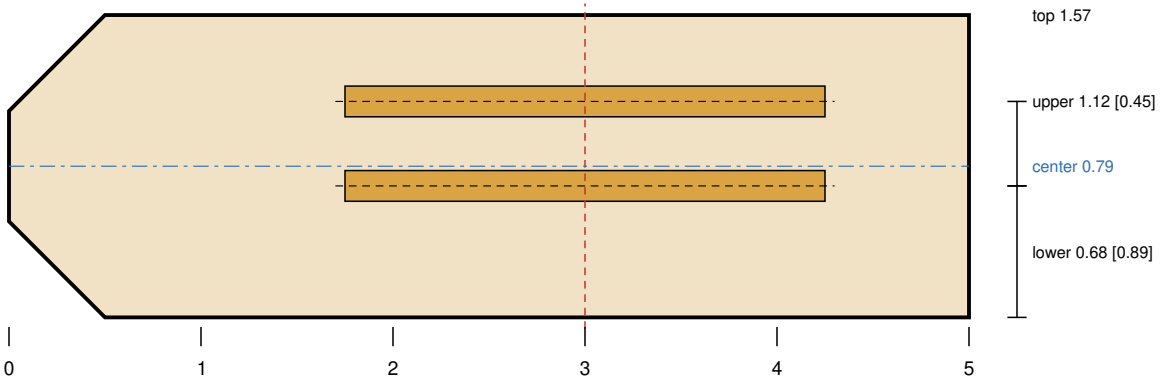
CorpsThree Command Center desk | Seam A (72 in) template 1:1 | tile R4 C3 of 4 rows x 3 columns | print at 100%

Dashed gray lines mark the 0.5 in overlap: lay the next tile over it so the circle-cross marks line up, then tape.

CorpsThree Command Center desk: seam thickness gauge and sections (print at 100%)

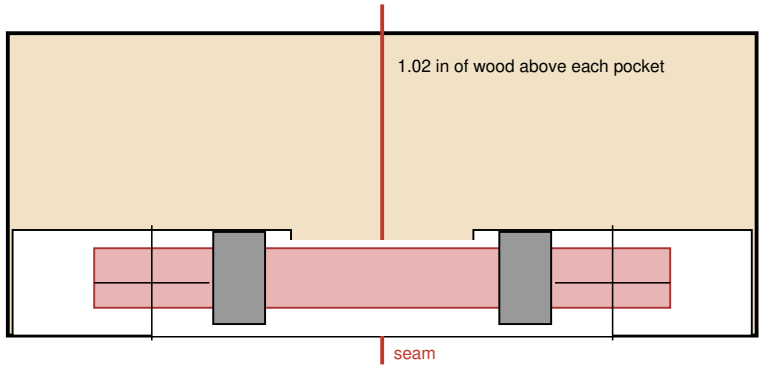
Board 1.57 in (1.5748) thick. View: looking at the cut END of a board at the seam, FRONT edge on the left. Same at Seam A (72 in) and Seam B (144 in).
Heights are measured from the BOTTOM face; values in [brackets] are measured down from the TOP face.

1:1 GAUGE, front 5 in of the board end (hold against the board end to check the joiner fence)



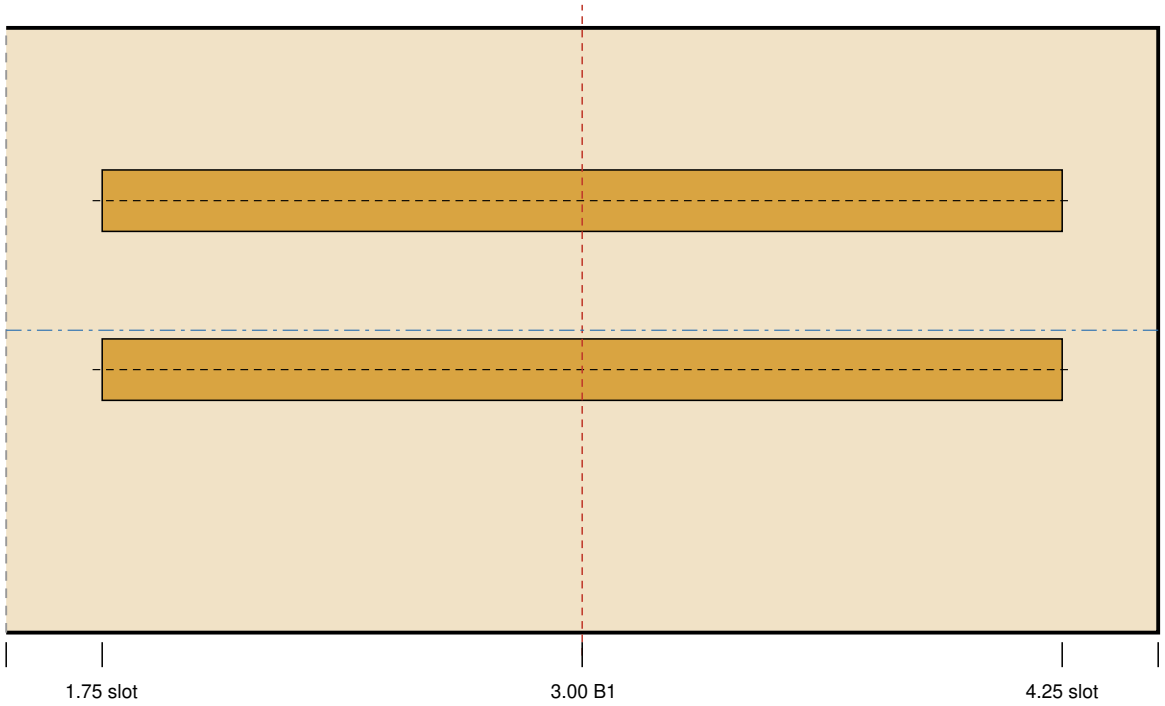
1:1 SECTION across the seam at a connector bolt

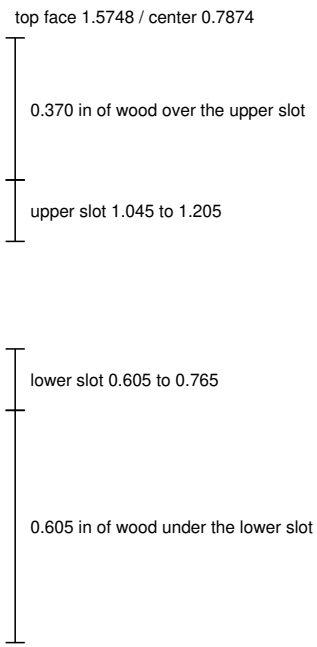
(12.00 in and 24.00 in from the front edge)



pockets 1.45 in dia x 0.55 in deep, centers 1.2 in each side of the seam; bolt channel 5/16 in wide x 1/2 in deep; threaded rod center 0.30 in above the bottom face. No biscuits at 12 and 24 in (nearest slot edge 1.03 in).

2:1 DETAIL, 1.5 to 4.5 in from the front: the two stacked biscuit slots at B1 (3.00 in)





Legend

- #20 biscuit slot
- spruce board
- center, 0.79 in
- biscuit center

1 in

Joiner fence (set from the TOP face): upper row 0.45 in (about 7/16), lower row 0.89 in (about 7/8). Cut both rows at every mark. Plan values: Fusion Command Center v11.