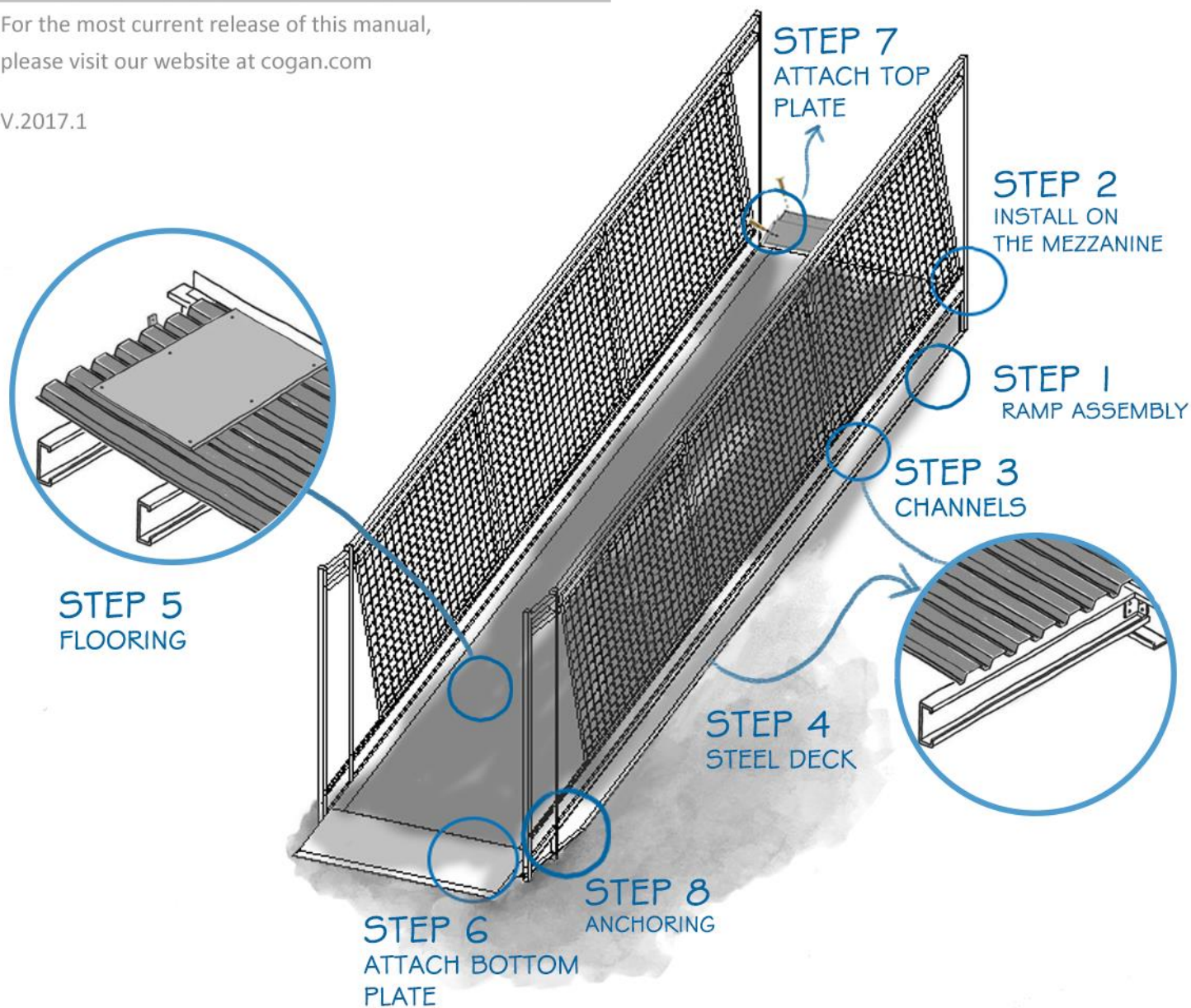


INSTALLATION MANUAL

For the most current release of this manual,
please visit our website at cogan.com

V.2017.1



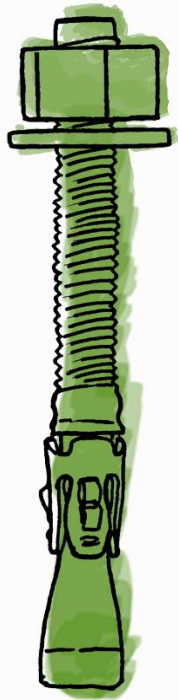
Product	Mezzanine
Sub-product	Ramp



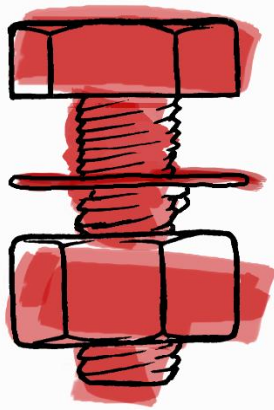
Cogan®

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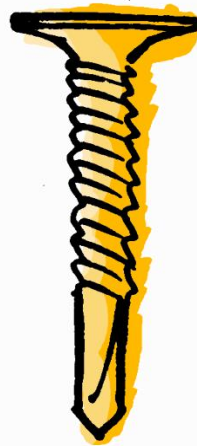
cogan.com



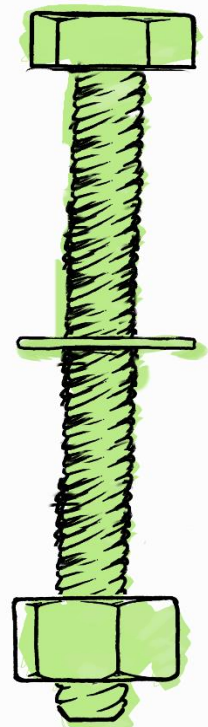
$\varnothing 3/8"$ x 2 3/4" BOLT
(ANCHOR)



$\varnothing 5/8"$ x 1 1/4" BOLT



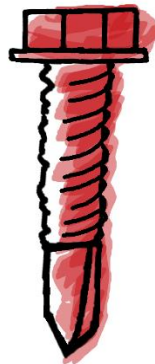
$\varnothing 1/4"$ x 1" FLAT
HEAD TEK SCREW



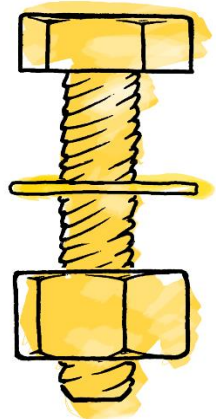
$\varnothing 3/8"$ x 3 1/2" STRUCTURAL
BOLT



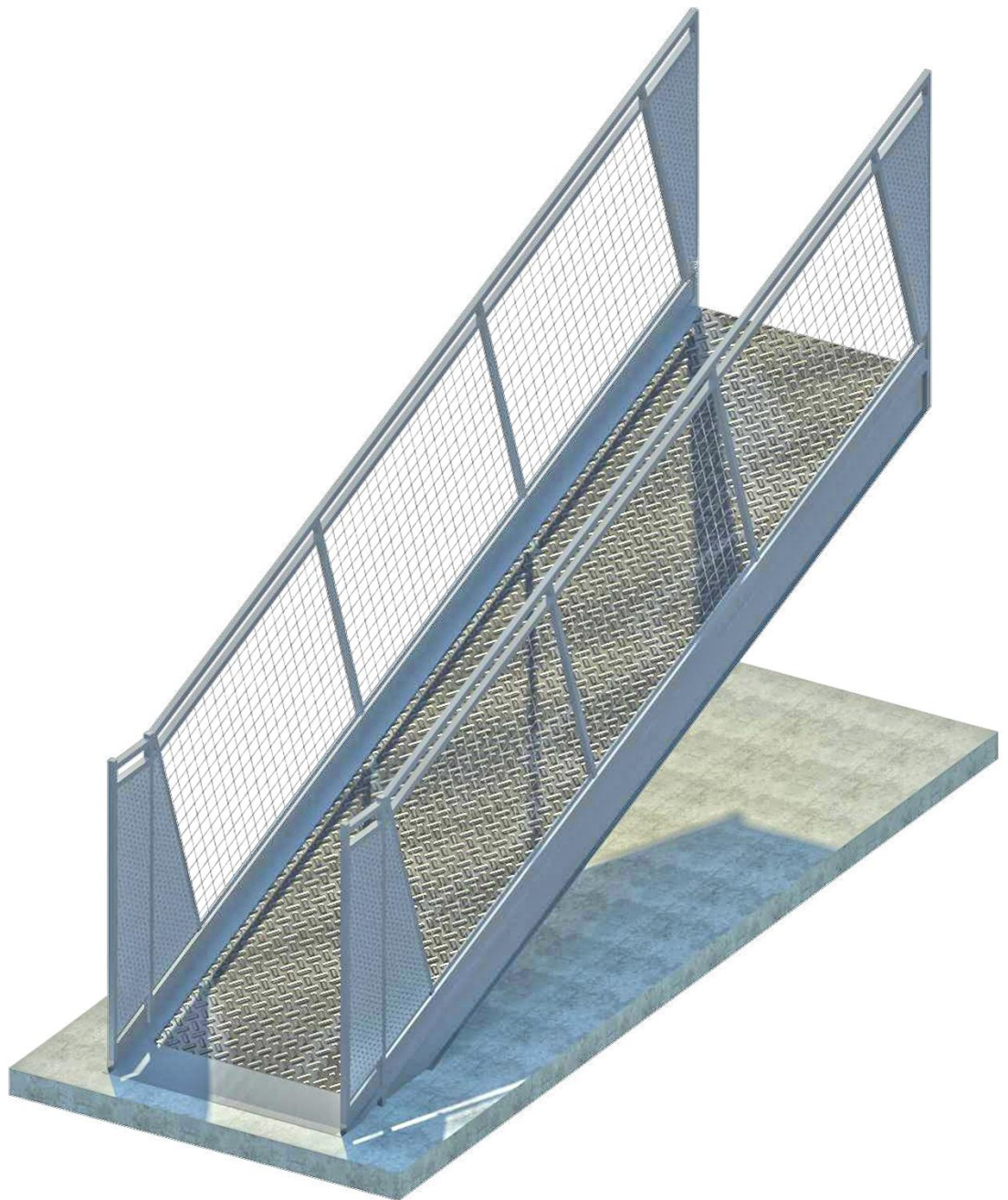
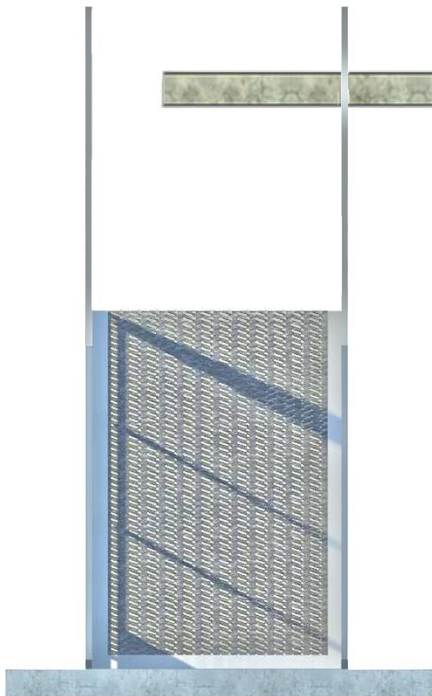
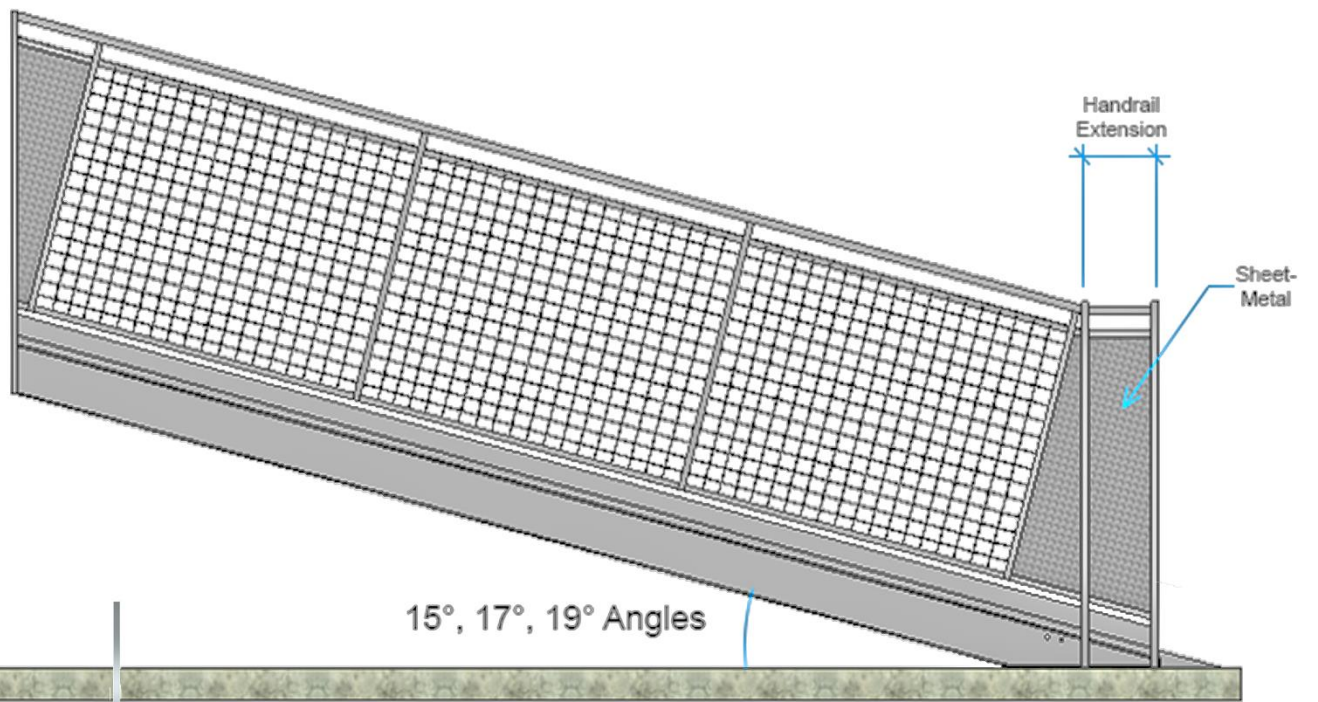
RESINTEK APPROVED
WOOD SCREW



$\varnothing 1/4"$ x 1" HEX
HEAD TEK SCREW

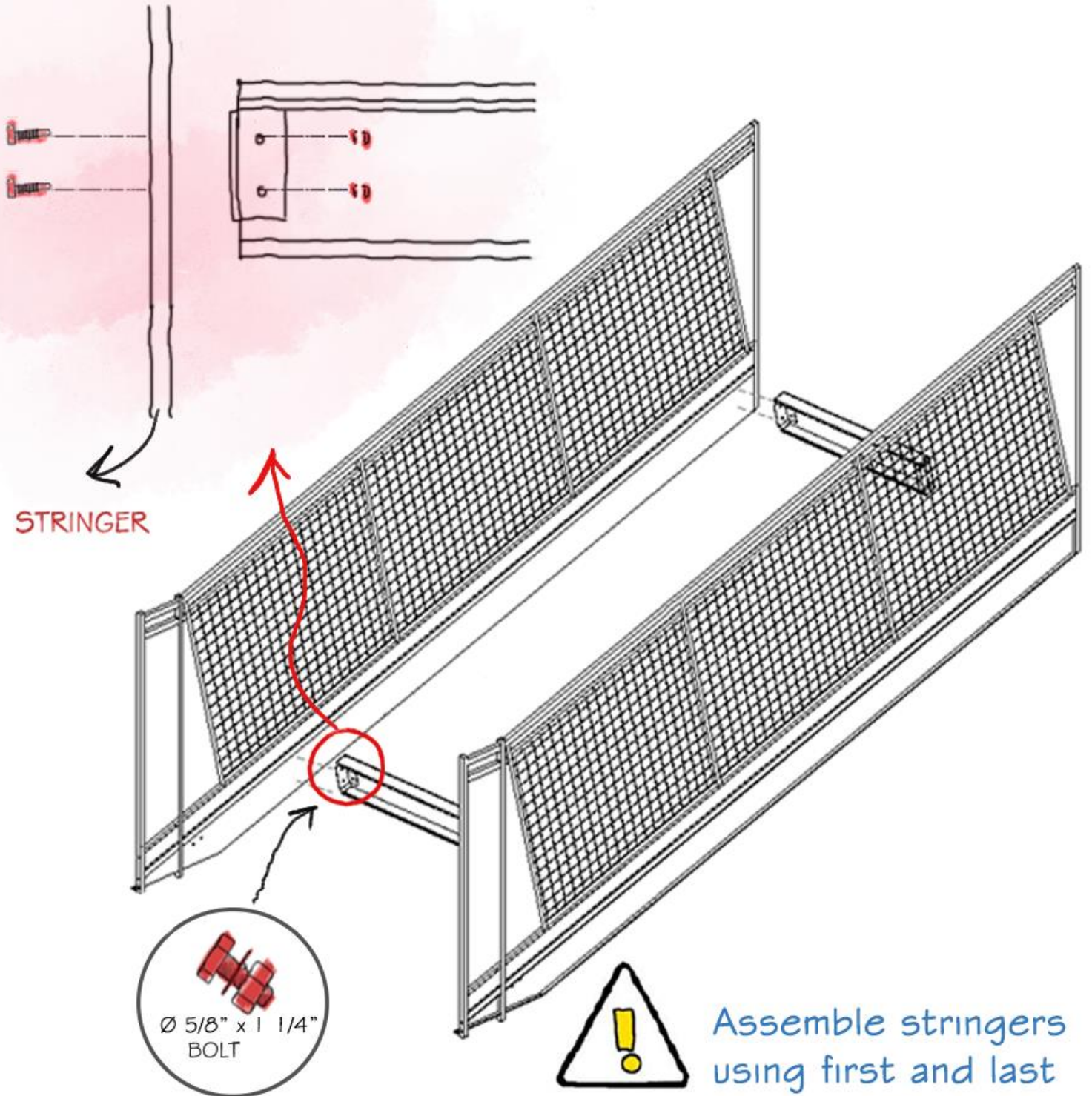


$\varnothing 3/8"$ x 1 3/4" BOLT



STEP 1

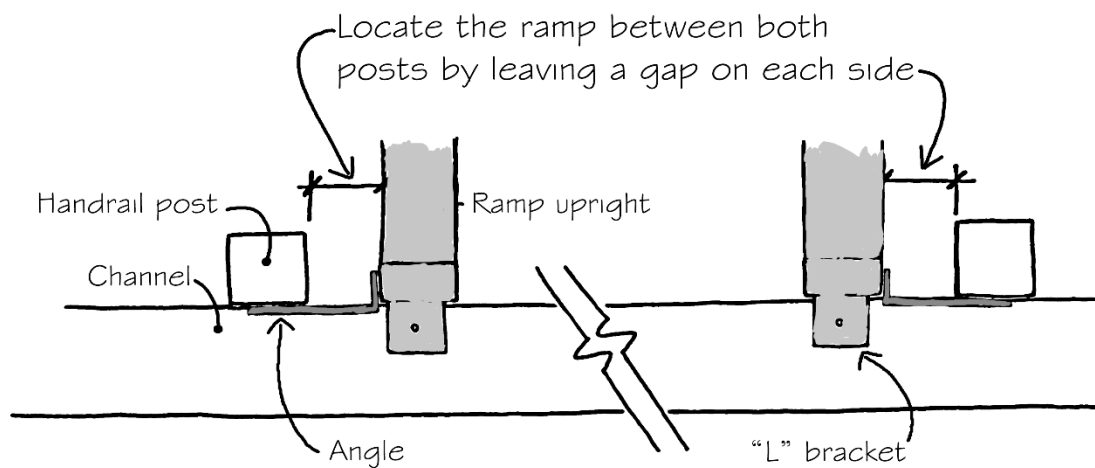
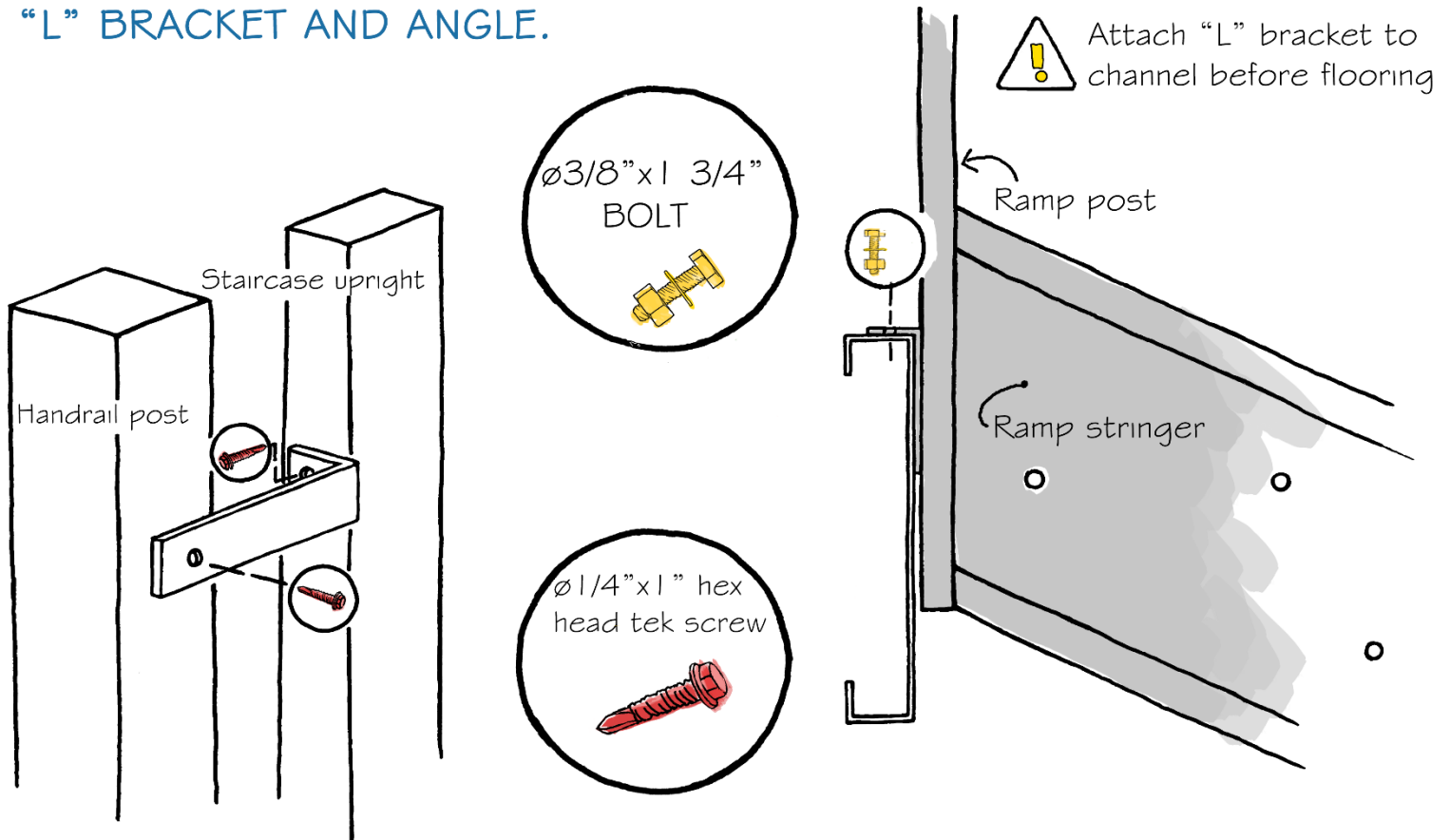
ASSEMBLE THE C- CHANNELS TO THE STRINGER



STEP 2

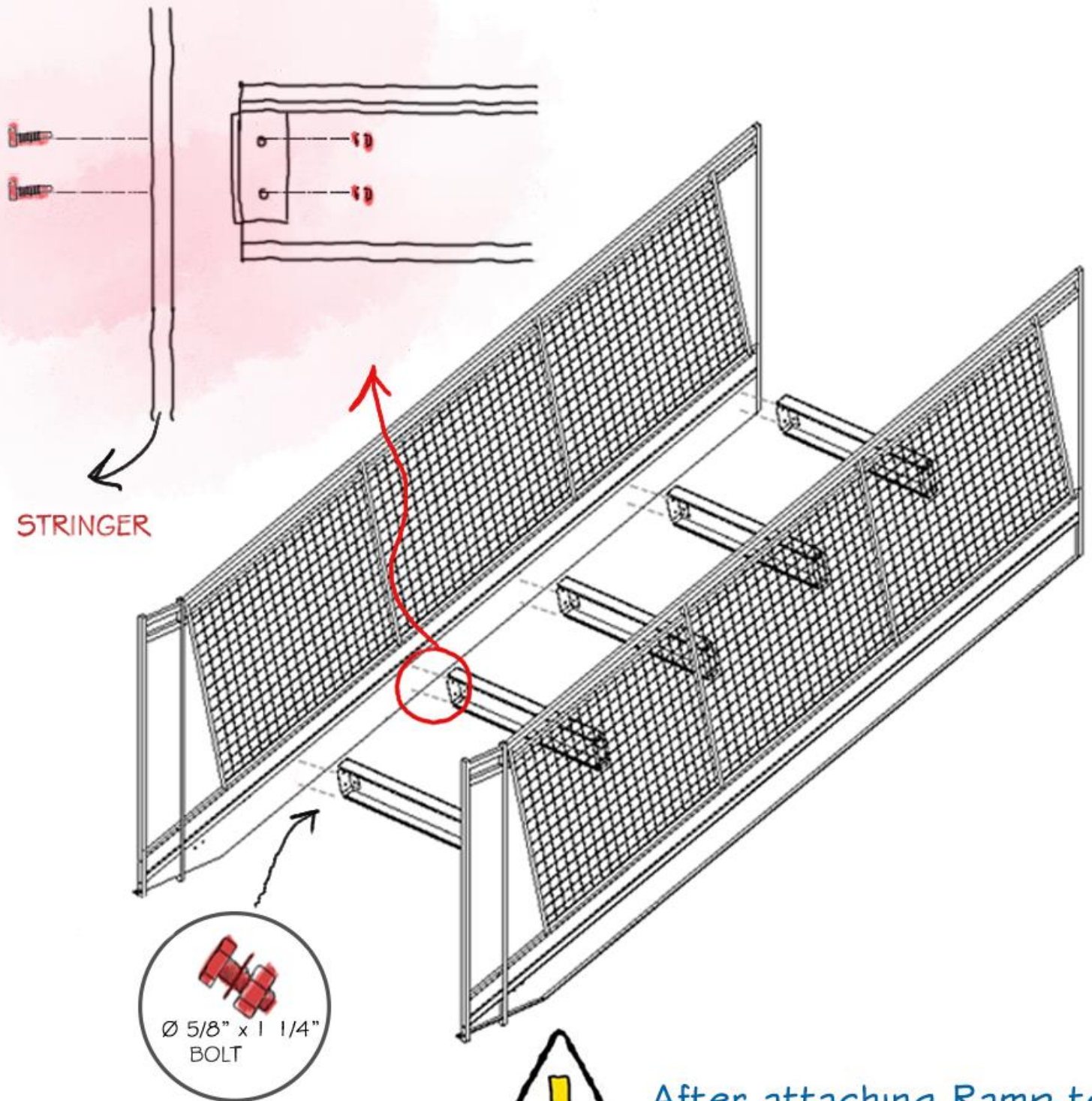
ATTACH RAMP TO MEZZANINE USING

“L” BRACKET AND ANGLE.



STEP 3

ASSEMBLE THE C- CHANNELS TO THE STRINGER



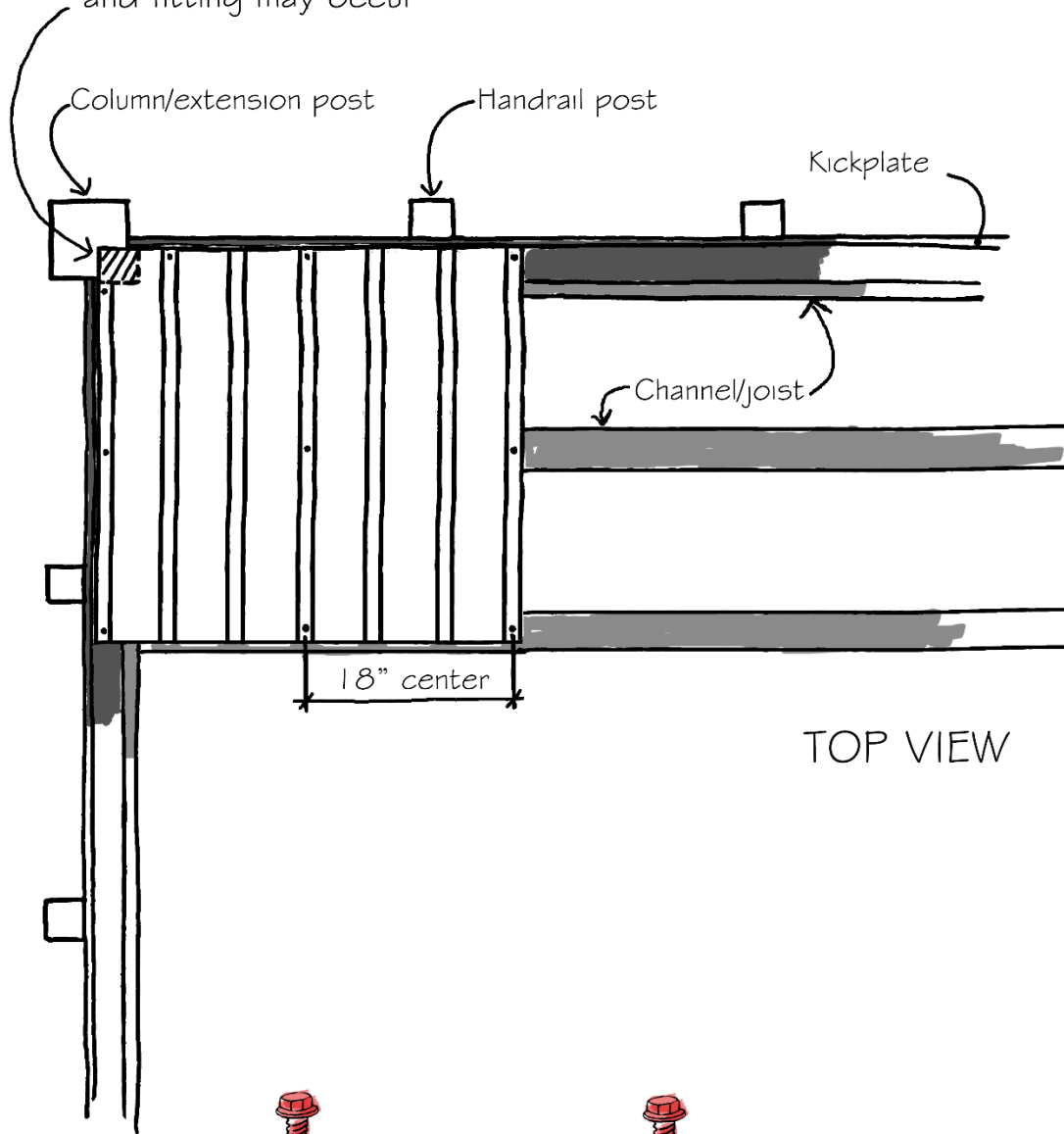
After attaching Ramp to mezzanine, fasten the remaining channels.

STEP 4

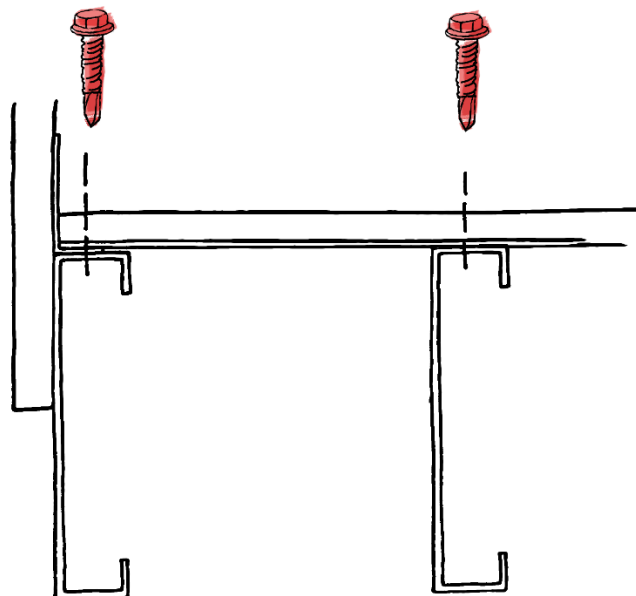
STEEL DECK (ROOF DECK)



For all types of flooring notching and fitting may occur



TOP VIEW



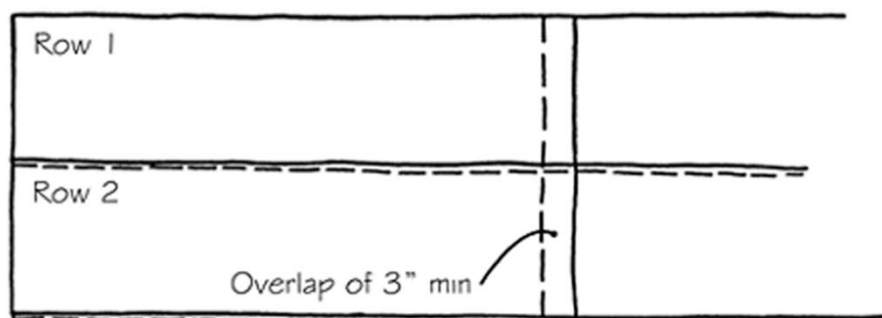
Ø 1/4" x 1" hex
head tek screw



SIDE VIEW

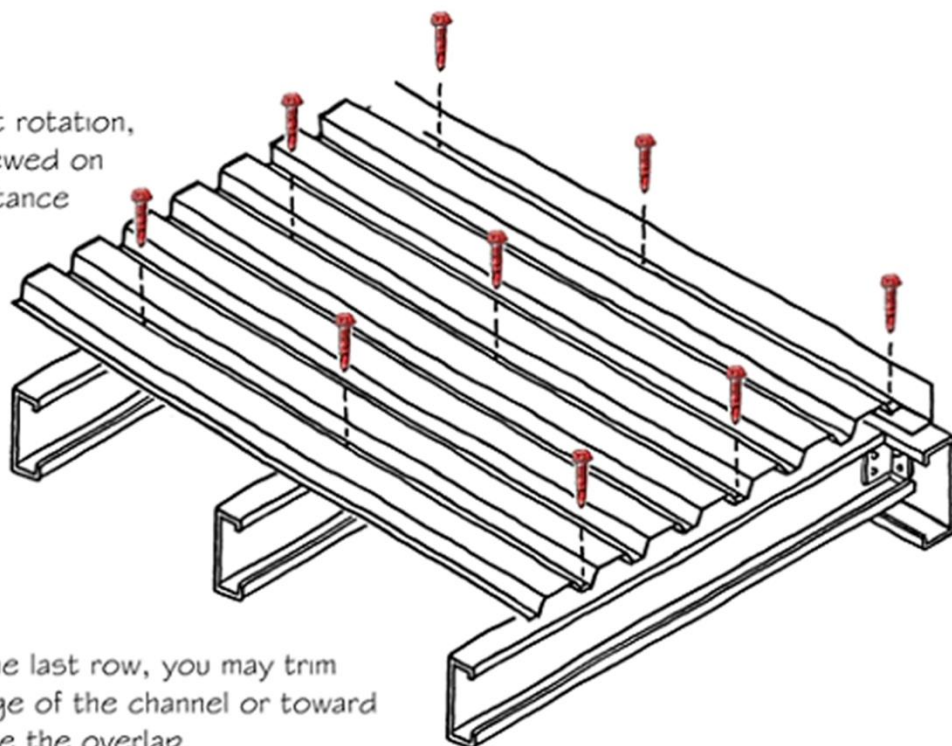


Before starting, always refer to the install plans for your project. For any additional requirements detailed specifically for your project. Install roof deck panels starting with row 1. Always begin from edge of a channel or wall. Check on your installation drawings to know where to put the first panel and the length of it. Continue with row 2 and fix it side by side with an overlap all along the panel.



In order to prevent joist rotation, steel deck must be screwed on all joist at 18" max. distance

Or as indicated on the install plans



Once you've reached the last row, you may trim the roof deck along edge of the channel or toward the wall or you may leave the overlap.

STEP 5

FLOORING (COMPOSITE RESIN BOARD)

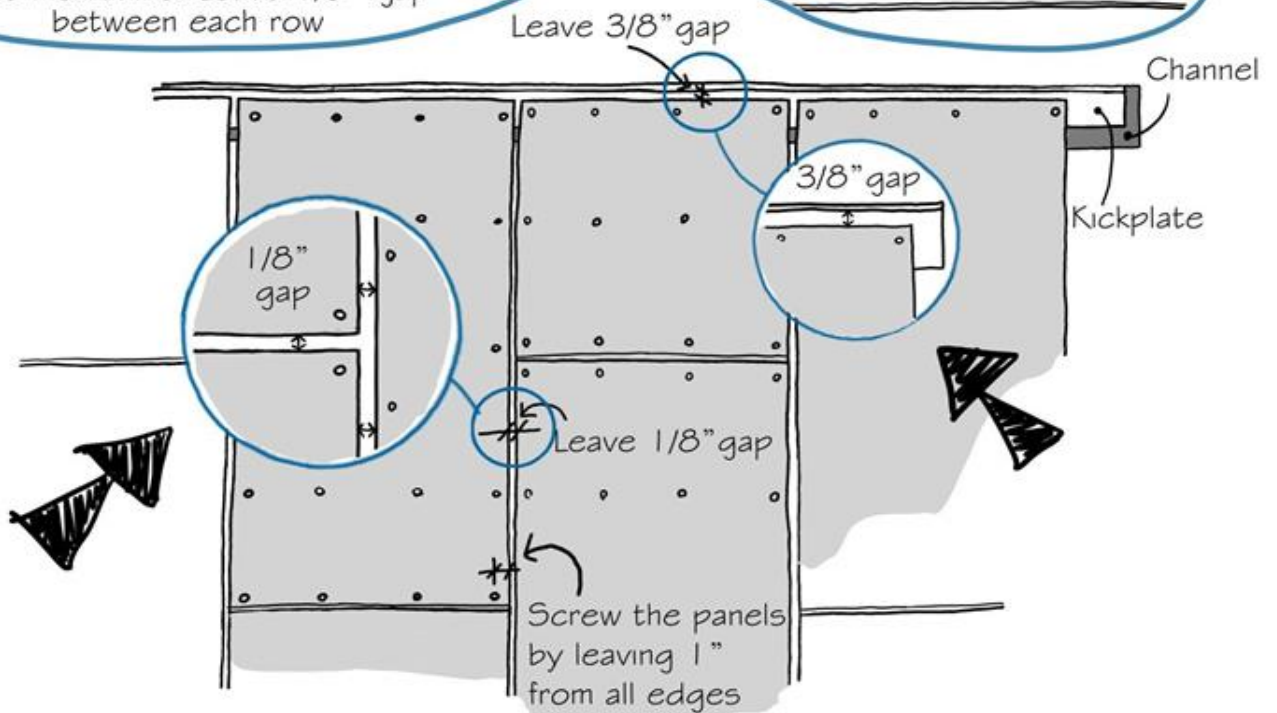


Cutting and fitting for composite deck is done by installer

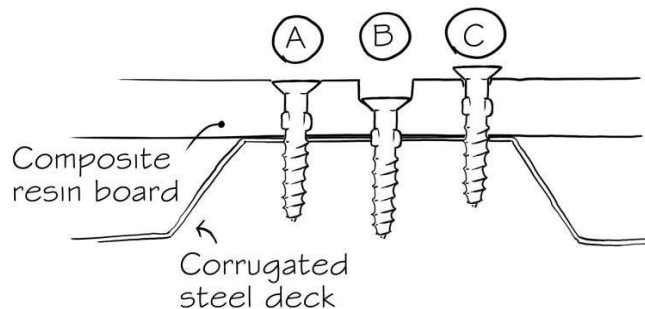
VERY IMPORTANT

ALWAYS leave 3/8" gap between walls and edges of panels around the perimeter of the mezzanine. Leave 1/8" gap between each row

IF YOU DO NOT FOLLOW THESE INSTRUCTION, THE FLOORING WILL BUCKLE

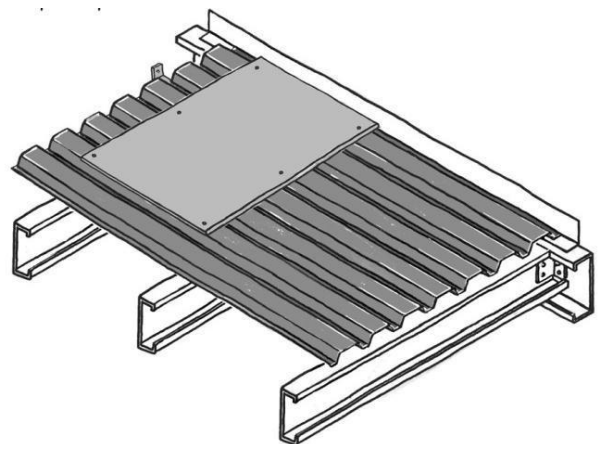


Approved screw must be placed just below the panel surface (A). Do not place approved screws too low (B) or too high (C) in the panels

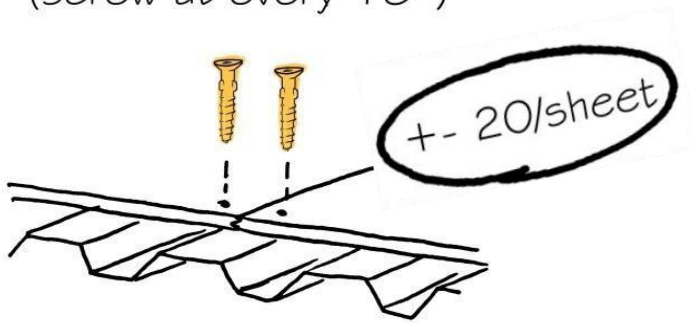




Try to always lay panels perpendicular to steel deck



Use approved ResinDek
wood screw only
(screw at every 18")



Composite resin board

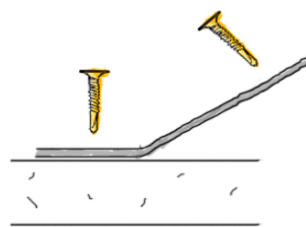
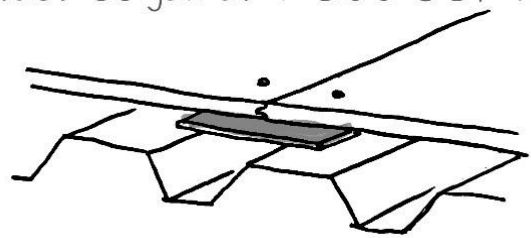
Stagger panels so that joints break on different ribs. 48" x 6" x 20 gauge min. steel shims are used if joints break on a valley.

*** COGAN SUPPLIES LIMITED AMOUNT OF SHIMS PER PROJECT.**

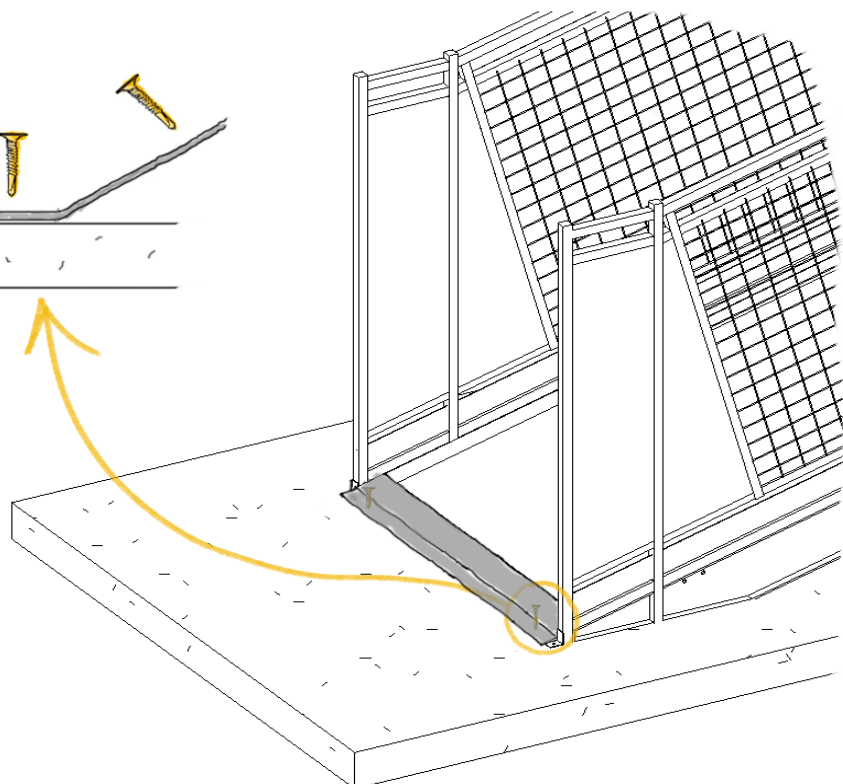
Keep them for future projects if you do not use them all. If you require more, contact Cogan at 1-800-567-2642.

STEP 6

ATTACH BOTTOM PLATE TO THE DECK

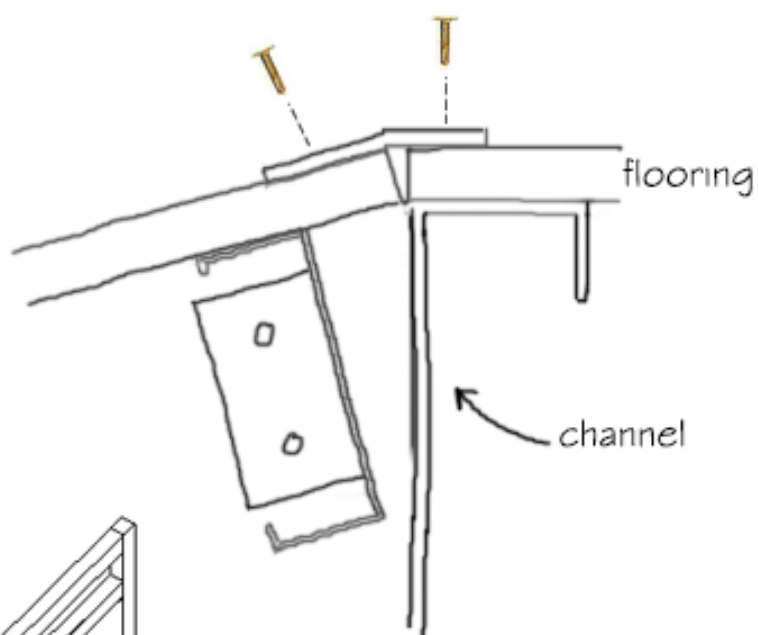
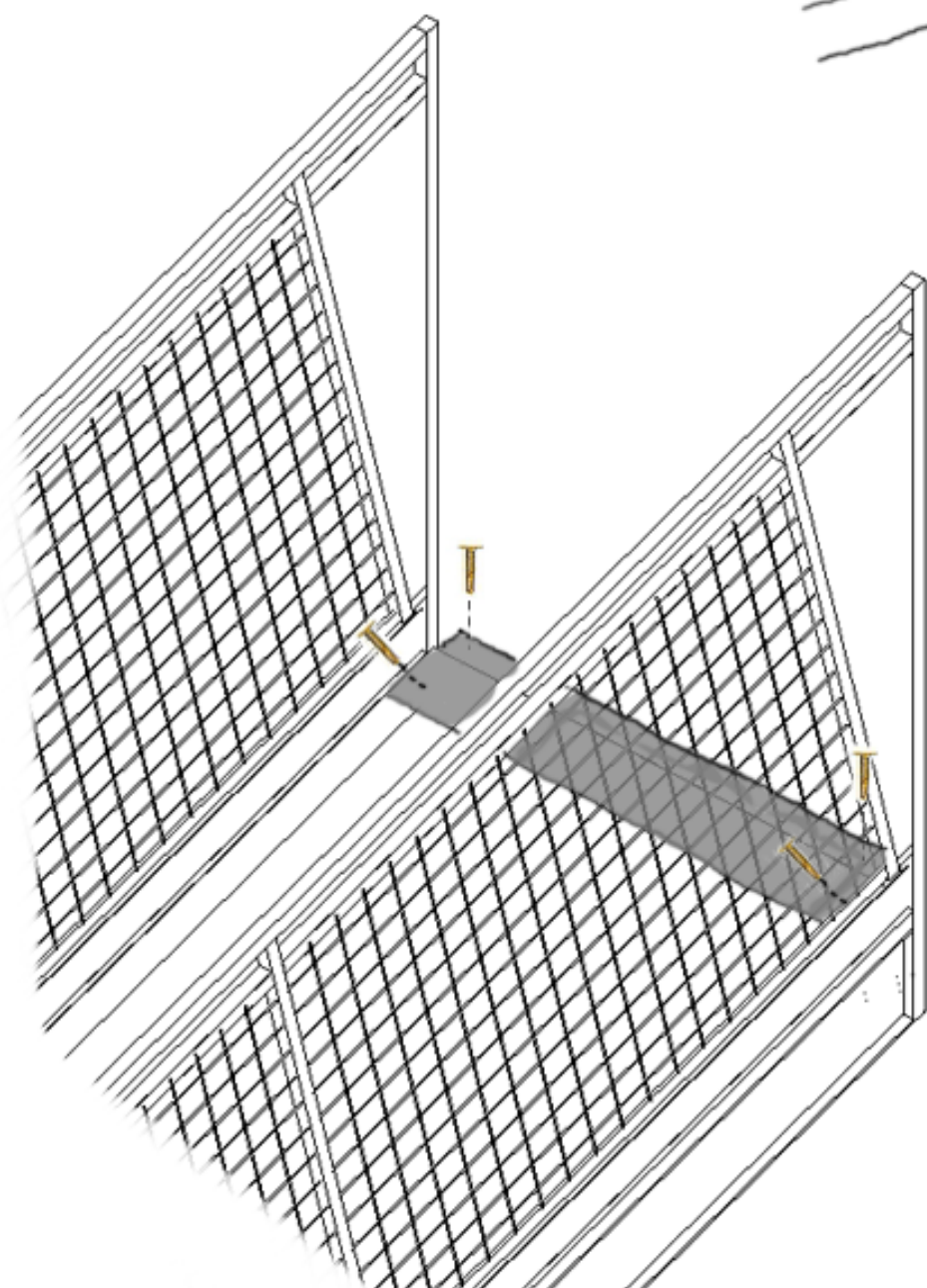


Ø 1/4" x 1" FLAT
HEAD TEK SCREW



STEP 7

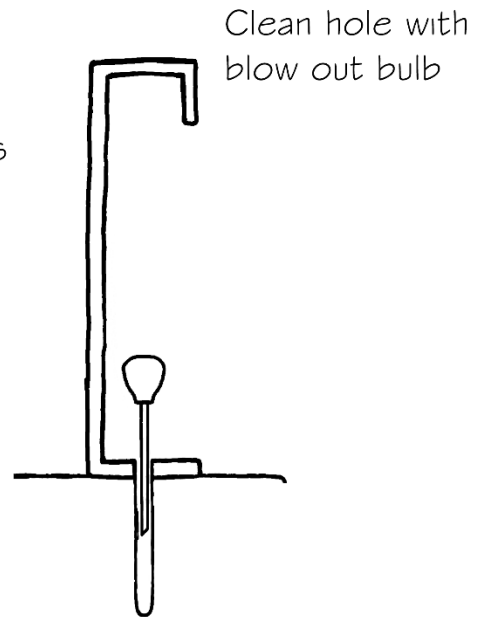
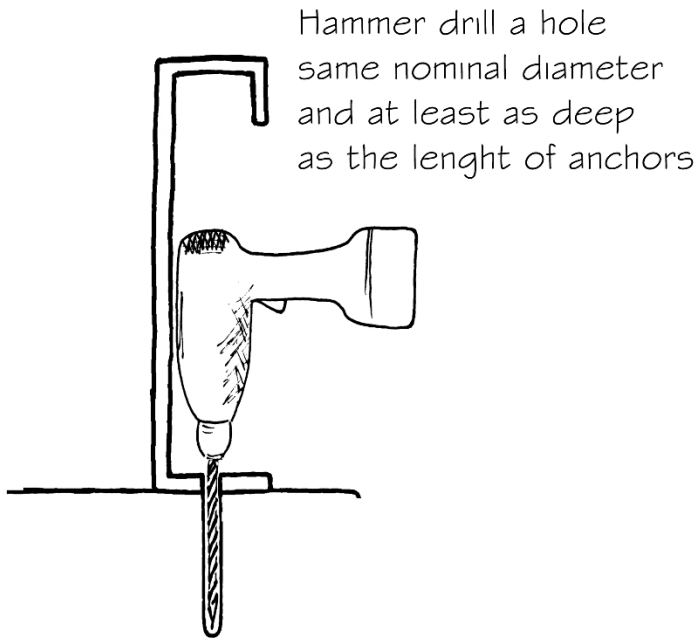
ATTACH TOP PLATE TO FLOORING



STEP 8

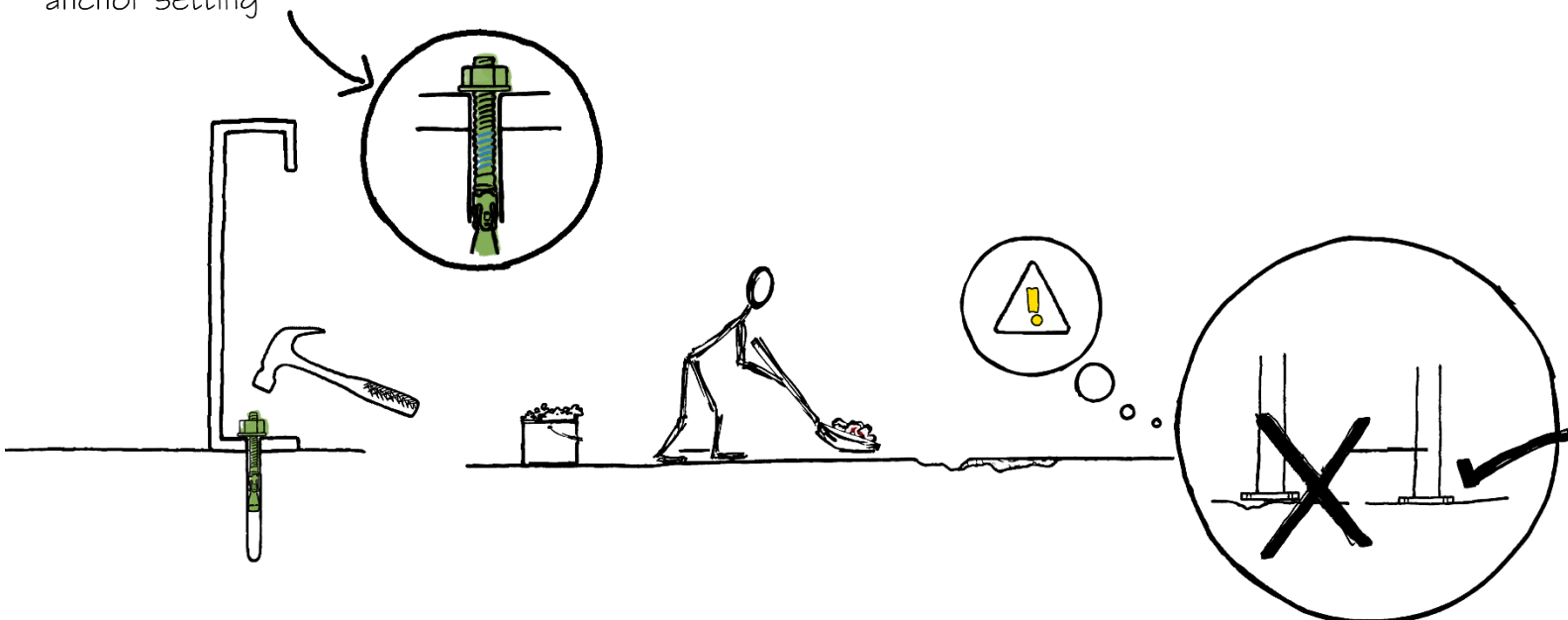
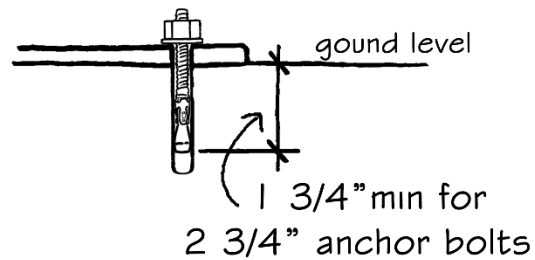
ANCHORING RAMP & LADDER

(If ramp or ladder sits on a concrete surface, follow these instructions)



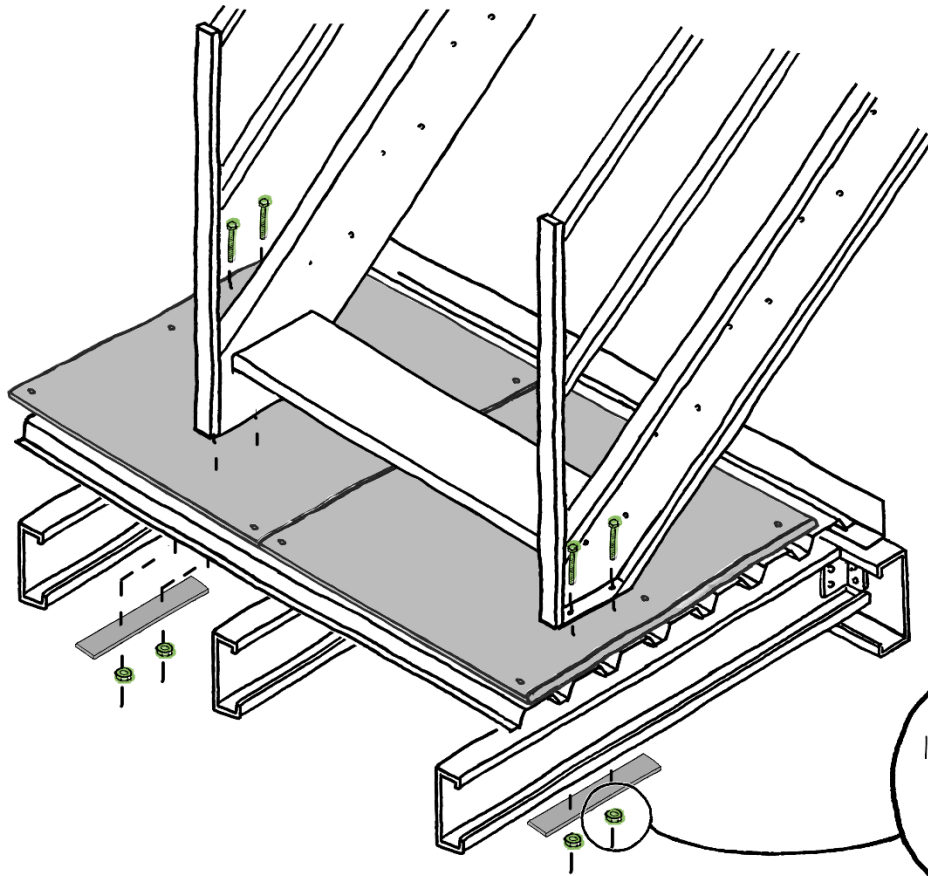
Drive the Hilti bolt so that at least
6 threads are below top surface of
fixture.

Tighten to recommended
torque value to achieve proper
anchor setting



ANCHORING RAMP & LADDER

(If ramp or ladder sits on the mezzanine floor, follow these instructions)



ON STEEL DECK SURFACE

Bolt sandwich plate under the steel deck to help secure the ramp in place.

Always lay sandwich plate perpendicular to the steel deck orientation.

Ø 3/8" x 3
1/2" structural
bolts

