

MEZZANINES

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SPECIFICATIONS

INSTALLATION TIPS

GENERAL STRUCTURE

HANDRAIL

STAIRCASES

GATES

FLOORING

NOTES

FLOORING

- EASY INSTALLATION STEPS FOR ALL TYPES OF FLOORING

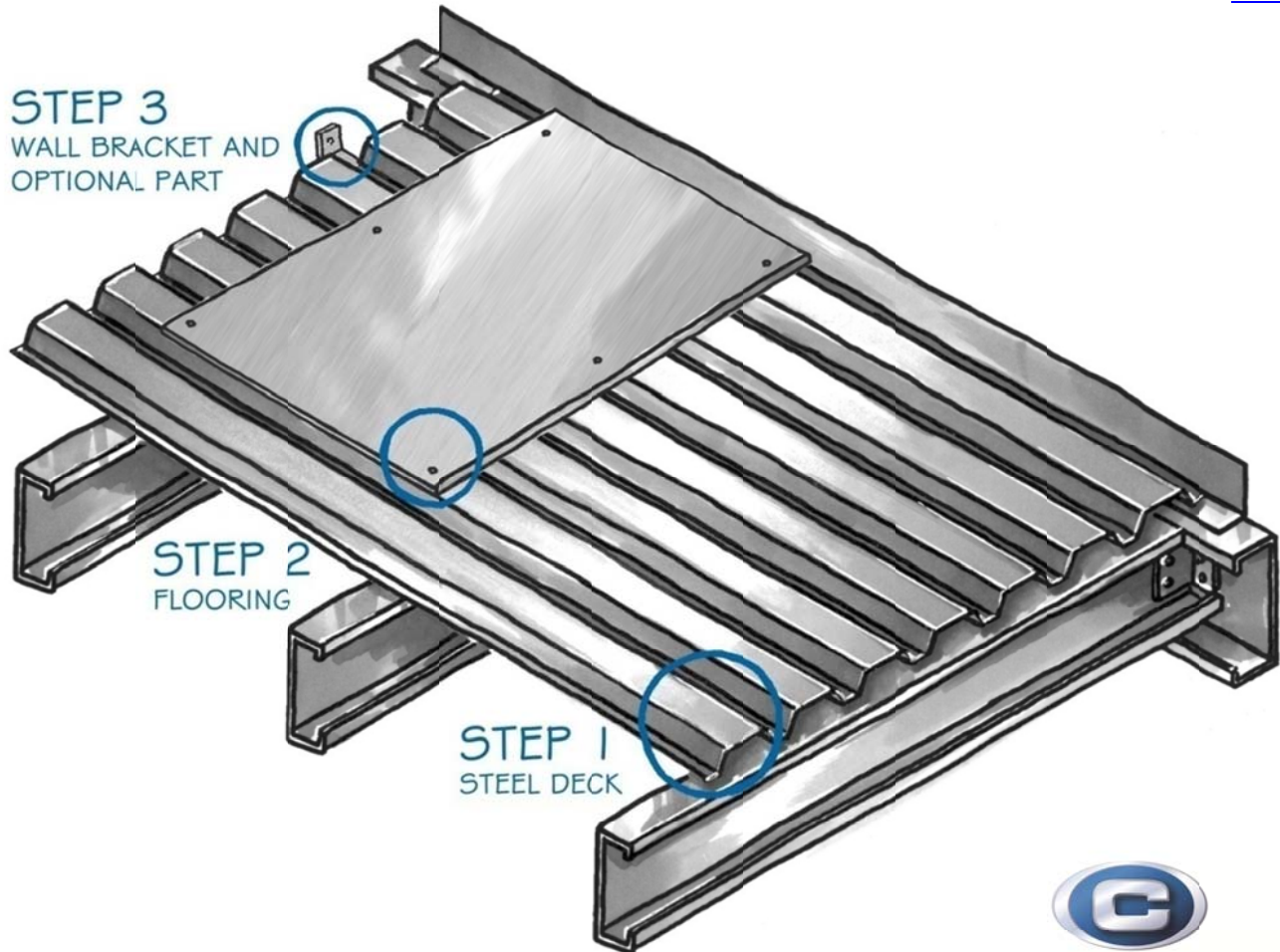
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V.2011.2



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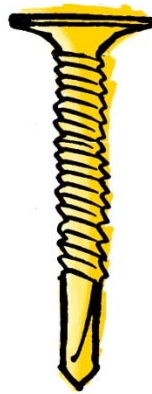
Ø1/4"x1" HEX
HEAD TEK SCREW



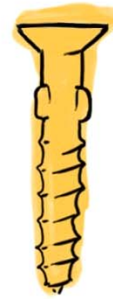
Ø1/4"x1 3/4" HEX
HEAD TEK SCREW



Ø1/4"x4" FLAT
HEAD TEK SCREW



Ø1/4"x2" FLAT
HEAD TEK SCREW



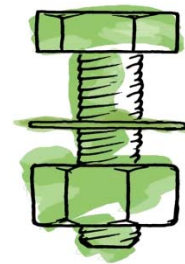
RESINDEK APPROVED
WOOD SCREW



#8x1 1/2" WOOD SCREW



Ø1/4"x1/2" RIVET



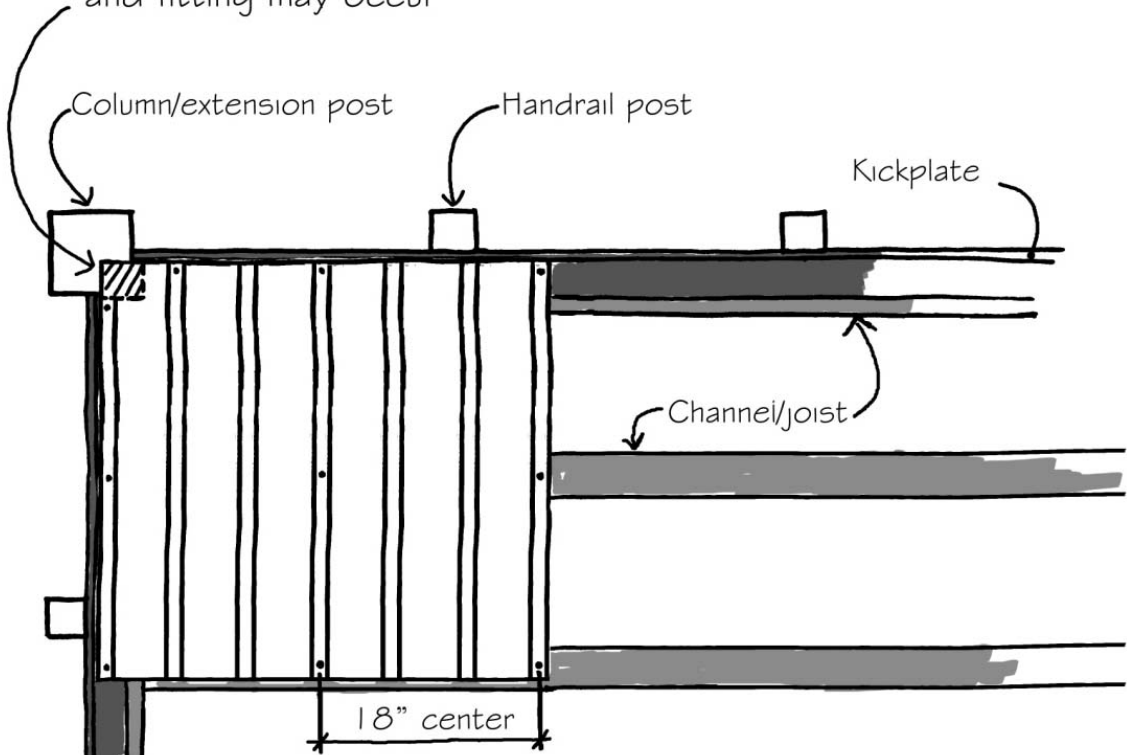
Ø5/16"x1" BOLT

STEP 1

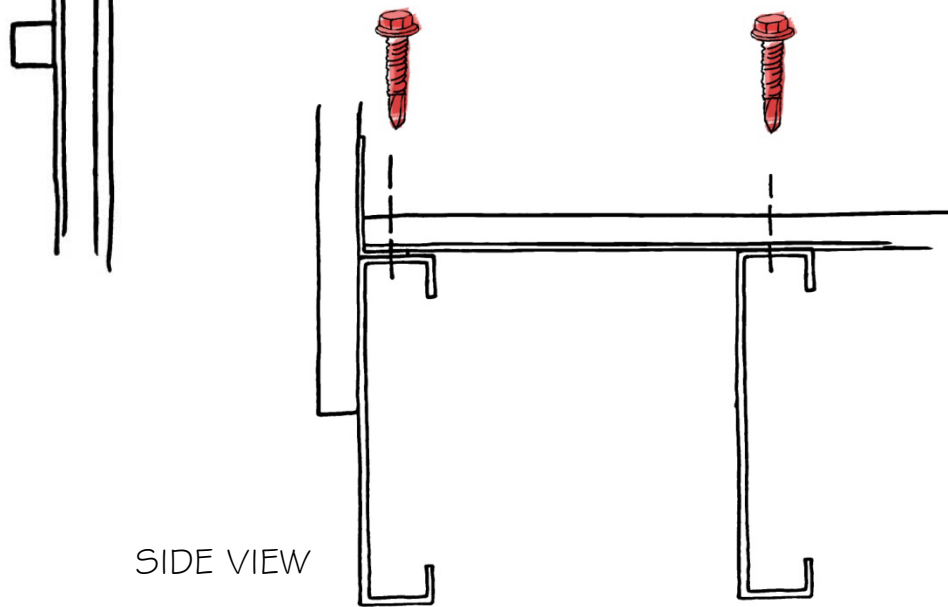
STEEL DECK (ROOF DECK)



For all types of flooring notching and fitting may occur



TOP VIEW

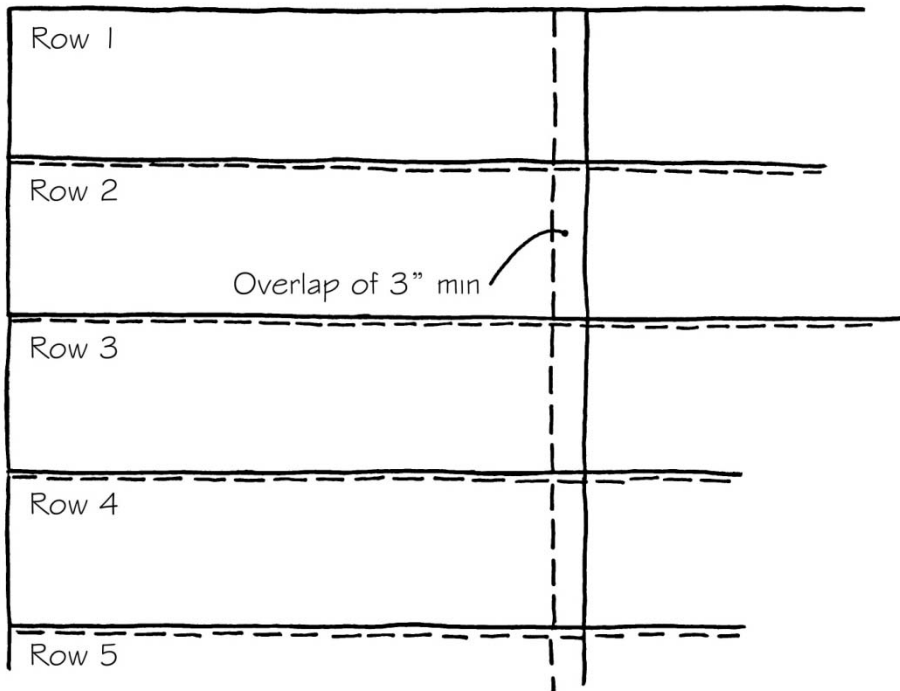


SIDE VIEW

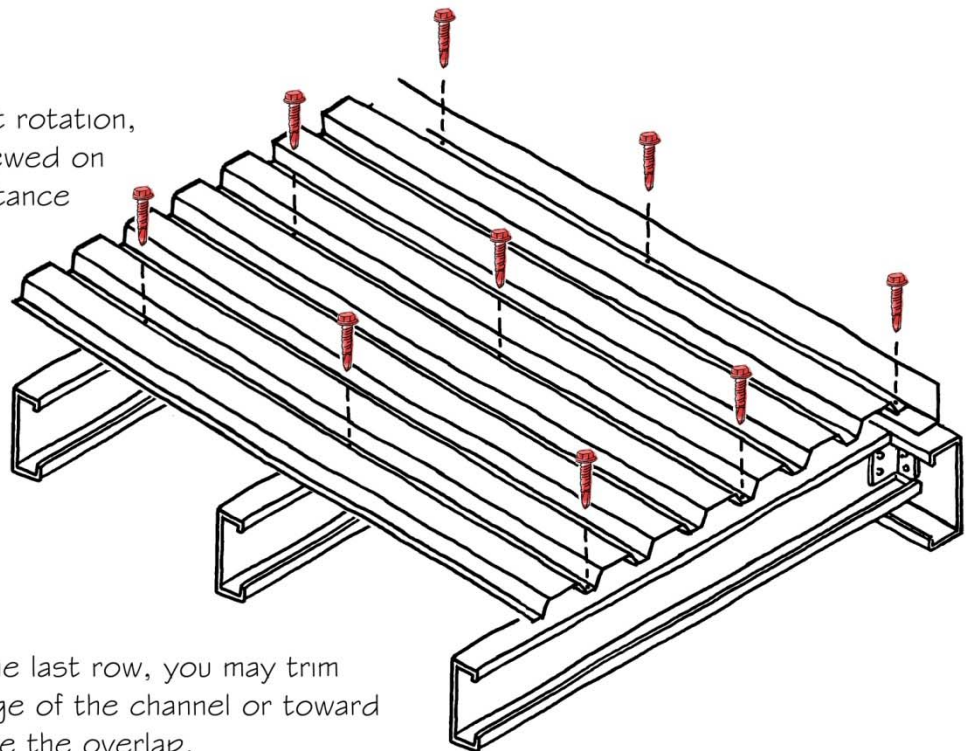




Install roof deck panels starting with row 1. Always begin from edge of a channel or wall. Check on your installation drawings to know where to put the first panel and the length of it. Continue with row 2 and fix it side by side with an overlap all along the panel.



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



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 2

FLOORING (COMPOSITE RESIN BOARD, DIAMOND PLATE, PLYWOOD AND OSB)

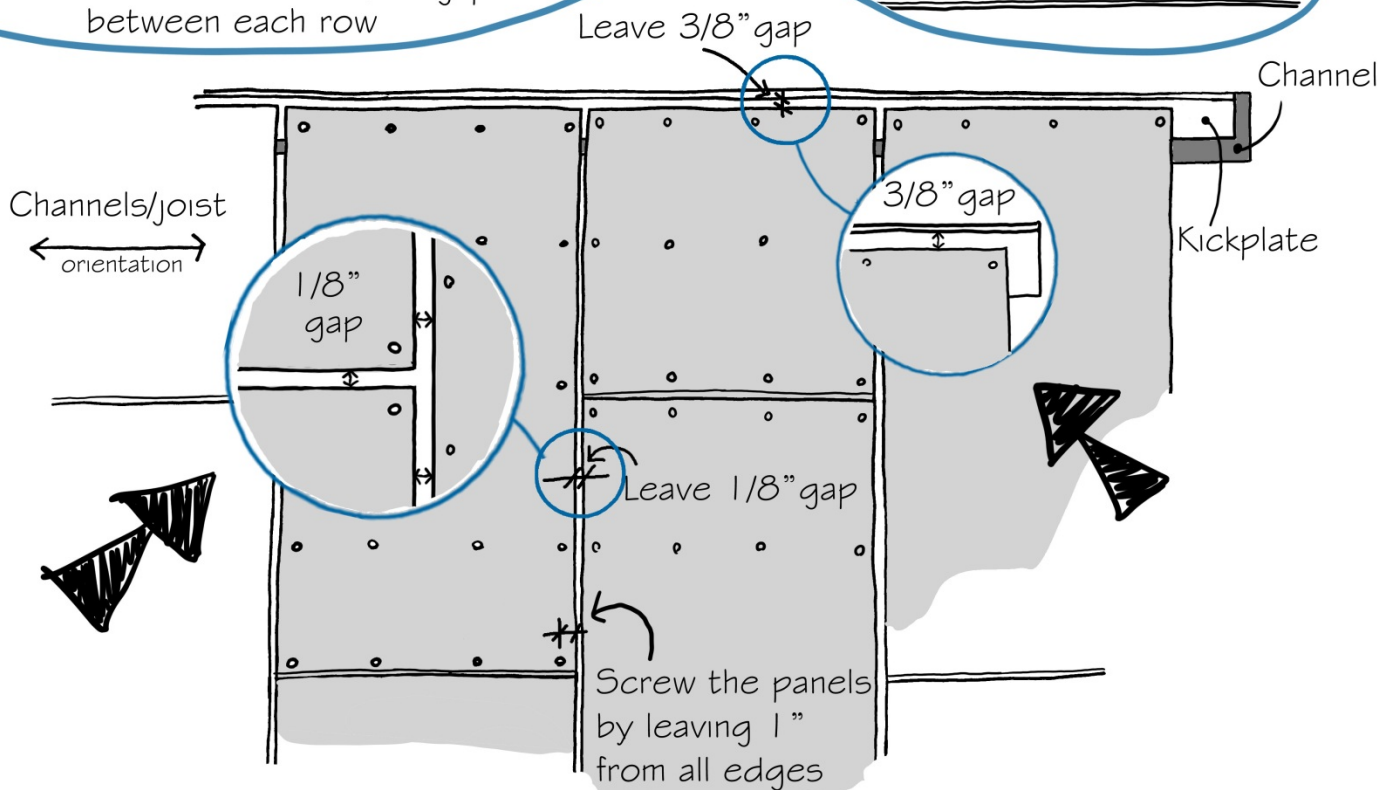


Cutting and fitting for composite deck is done by installer

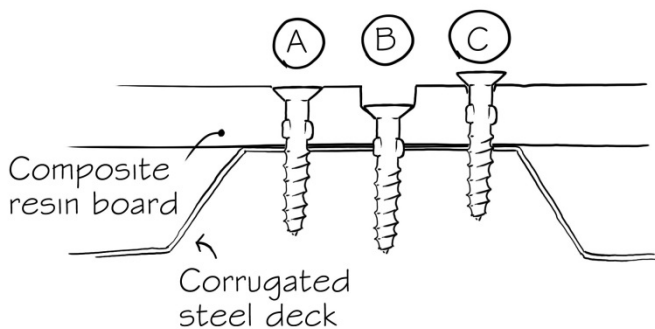
VERY IMPORTANT

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



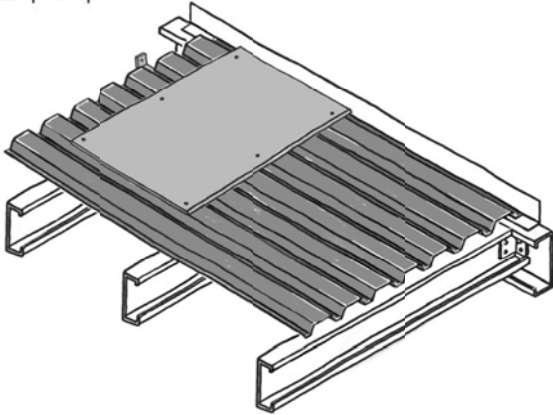
Approved screw must be placed just below the panel surface (A). Do not place approved screws too low (B) or too high (C) in the panels



FLOORING (COMPOSITE RESIN BOARD, DIAMOND PLATE, PLYWOOD AND OSB)



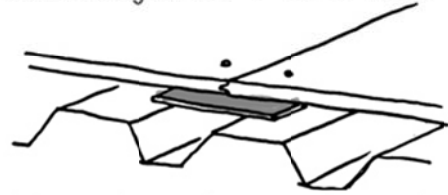
Try to always lay panels perpendicular to steel deck



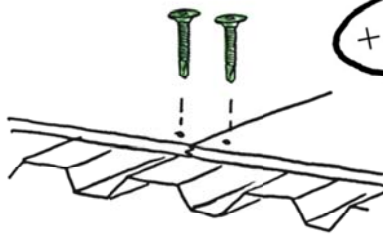
Stager panels so that joints break on different ribs. 48"x 6" x 20 gauge min. steel shims are used if joints breaks on a valley.

* COGAN SUPPLY LIMITED AMOUNT OF SHIMS PER PROJECT.

Keep them for future projects if you don't use them all. If you require more contact cogan at 1-800-567-2642.



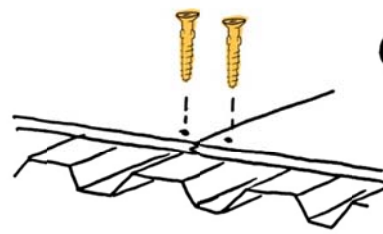
Use #8 x 1 1/2" wood screw (screw at every 16")



+ - 20/sheet

Plywood and OSB

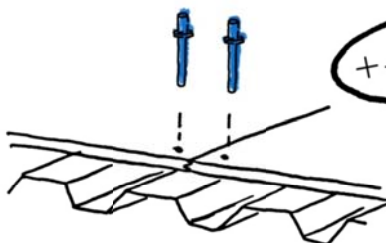
Use approved ResinDek wood screw only (screw at every 18")



+ - 20/sheet

Composite resin board

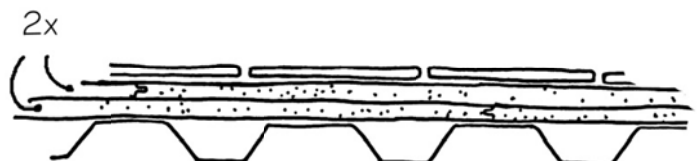
Use rivet 1/4"x1/2" (pre-drill \varnothing 1/4" holes at every 18")



+ - 12/sheet

Diamond plate

If an overlay of tiles or carpet is to be installed, a second layer of OSB or PLYWOOD is recommended to prevent damage to the flooring.

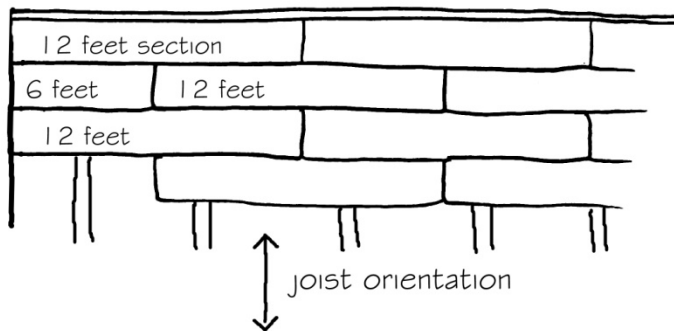


STEP 2

FLOORING (OPEN STEEL PLANKING)



Cutting and fitting for O.S.P. is done by installer

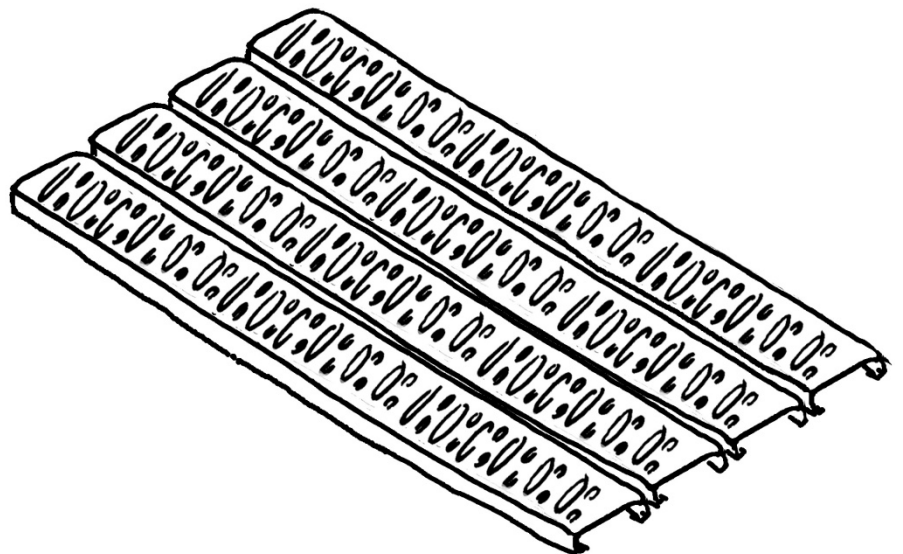


Drill $\varnothing 3/8$ " holes in O.S.P. at locations over joists. Install 4" flat head tek screw with Robertson bit.
(Use 15 screws per 100sq.ft.)



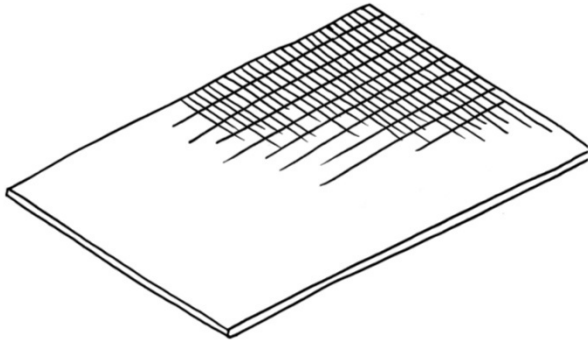
You must stagger the joints to ensure a solid floor system

Attach each O.S.P. to it's adjacent O.S.P. at every 24" max. using $\varnothing 5/16$ " x 1" bolts

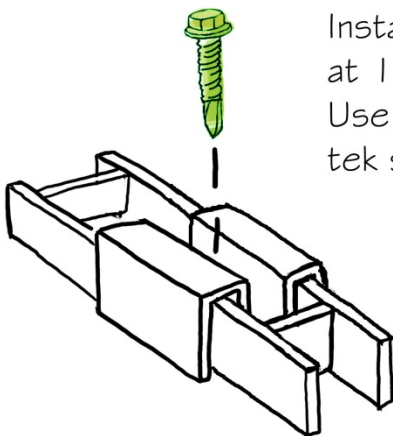
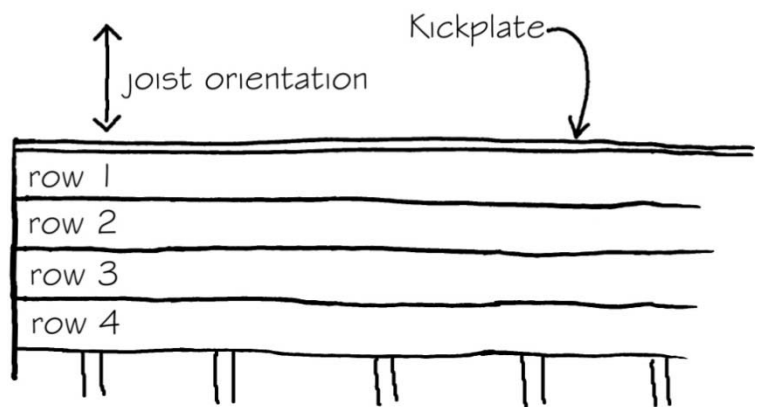


STEP 2

FLOORING (BAR GRATING)



Install bar grating panels starting with row 1. The bar grating panel length is indicated on your installation drawing plan. Lay the panels side by side.



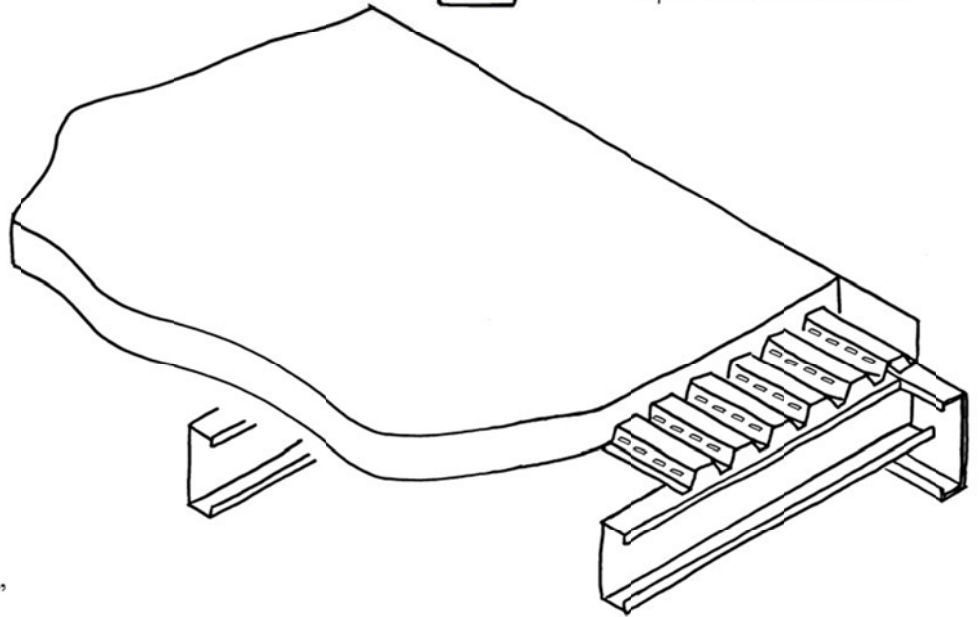
Install bar clips on all joists at 18" max. distance. Use $\varnothing 1/4$ " x $1 3/4$ " hex head tek screw

STEP 2

FLOORING (CONCRETE)

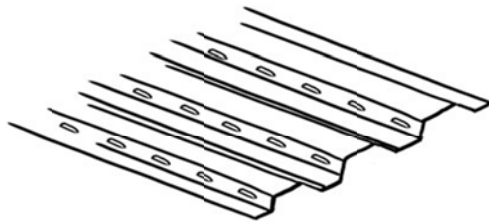


Refer to installation drawings for kickplate instruction



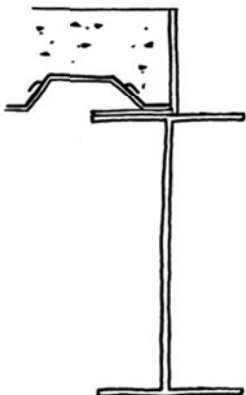
Once you have installed the 4"x 4" kickplate all around the mezzanine, you can then proceed to lay your composite steel deck.

MAKE SURE TO INSTALL ONLY COMPOSITE STEEL DECK AS PROVIDED (see drawing below).

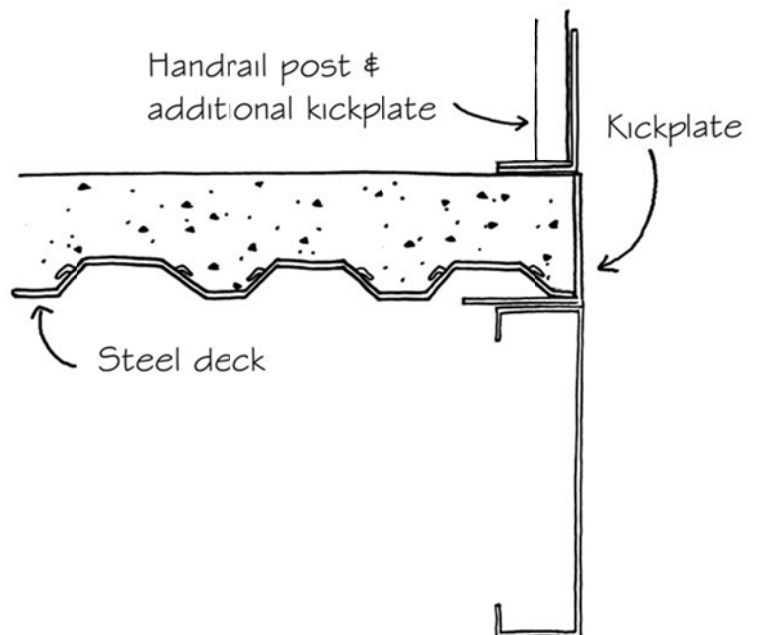
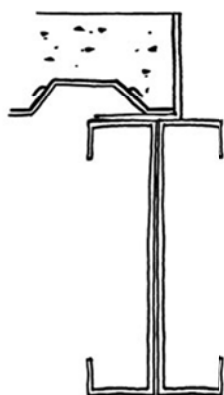


To prevent from leaking when pouring the concrete, install the composite steel deck over the kickplate and plug any openings. (Openings can be sealed with materials like rigid foam - **LEAK PROFING MATERIALS ARE NOT SUPPLIED BY COGAN**)

if I-beam

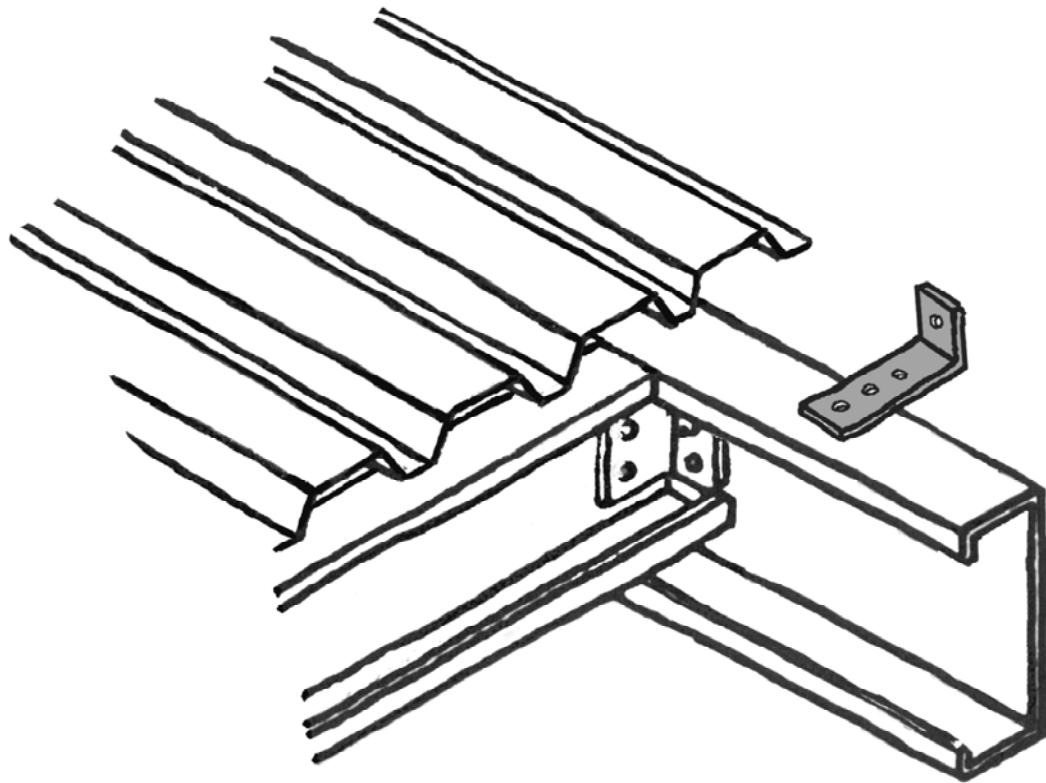
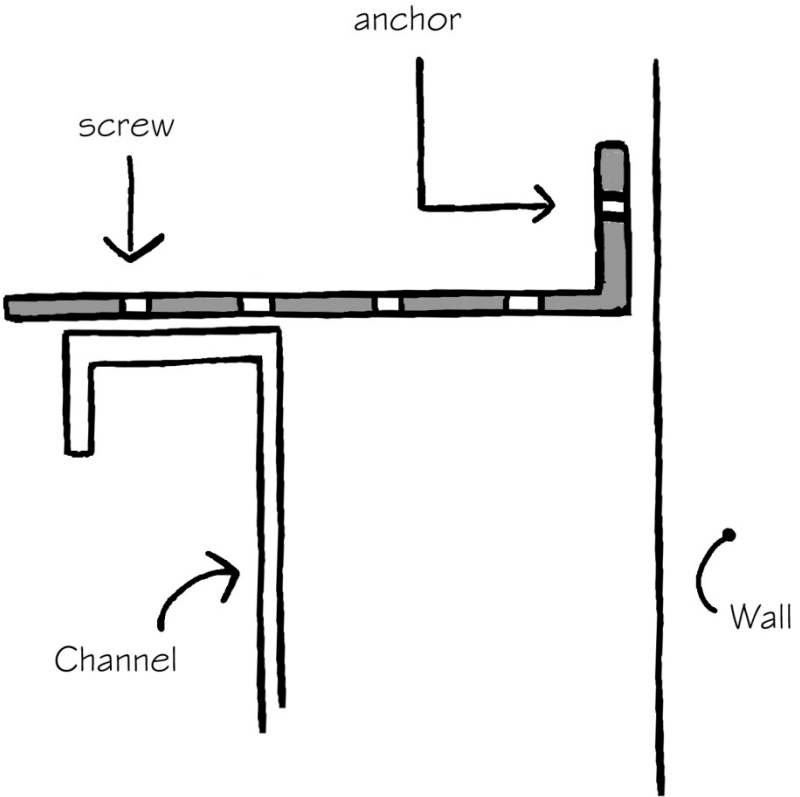


If back to back channel



STEP 3

WALL BRACKET



STEP 3

OPTIONAL PART (LOADING PLATE)



Install the loading plate at gate opening (swing, sliding pr lift-out). To attach, tek screw to the flooring along the edge of loading plate.
THE LOADING PLATE IS SIZED TO MATCH THE OPENING, NO ADJUSTMENT REQUIRED

