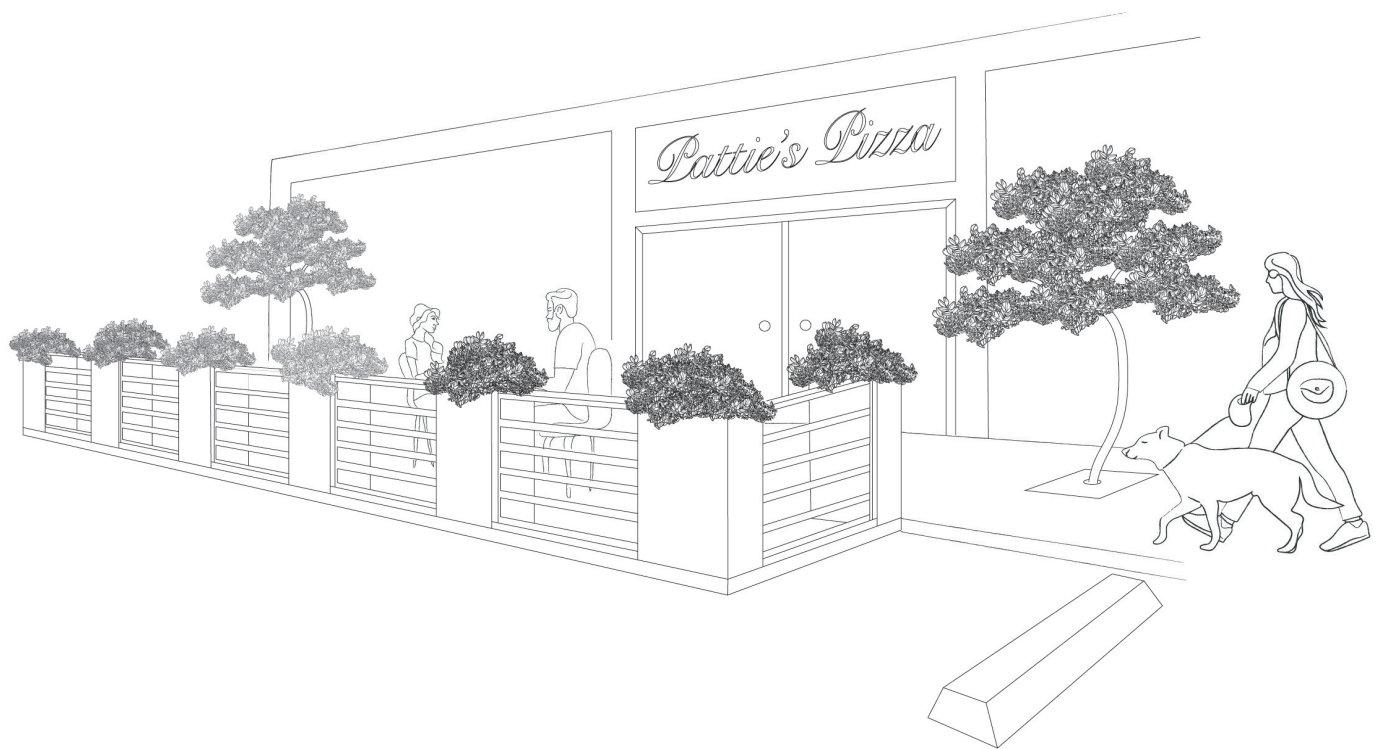


STREET DECK



Two-Car StreetDeck

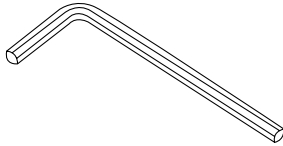
// 32' x 6'

INSTALLATION MANUAL

TOOLS

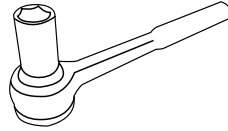
Tools needed to assemble StreetDeck

1 Hex key



Use hex key with hex socket bolts to secure ramp to ramp brackets and to attach planters to mounting brackets with pre-installed nuts.

2 Socket wrench (10mm)



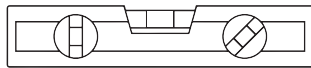
Use socket wrench for nuts on carriage bolts. Power drill with adapter can also be used.

3 Tape measure



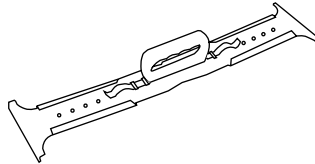
Use tape measure for proper pedestal placement and to check diagonal measurement.

4 6' or 8' level



Use level when installing support pedestals and when laying porcelain pavers.

5 Tile lifter (optional)



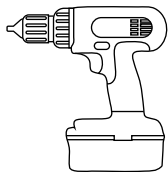
Use tile lifter to remove porcelain pavers from deck when dismantling StreetDeck.

6 Box cutter



Use box cutter to trim tabs off rubber pads.

7 Power drill with $\frac{3}{8}$ " bit for metal.

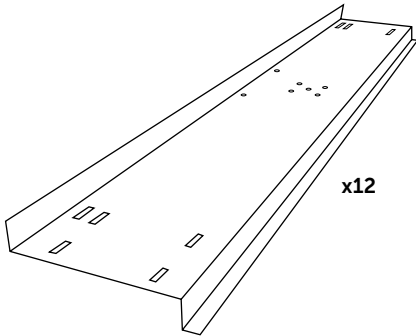


Required for drilling 6 holes into each planter to mount fence panels.

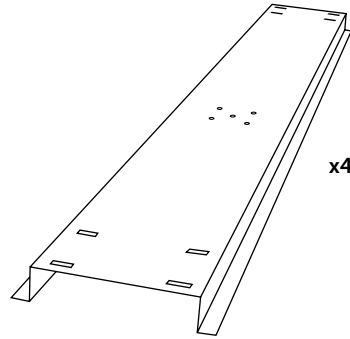
STREETDECK PERIMETER

Components

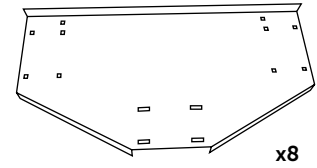
A Perimeter beams 4'W



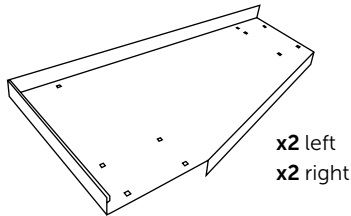
C Crossbeams 4'W



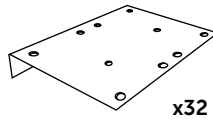
D Middle plates



E Corner plates



F Link brackets



G Carriage bolts, nuts & washers

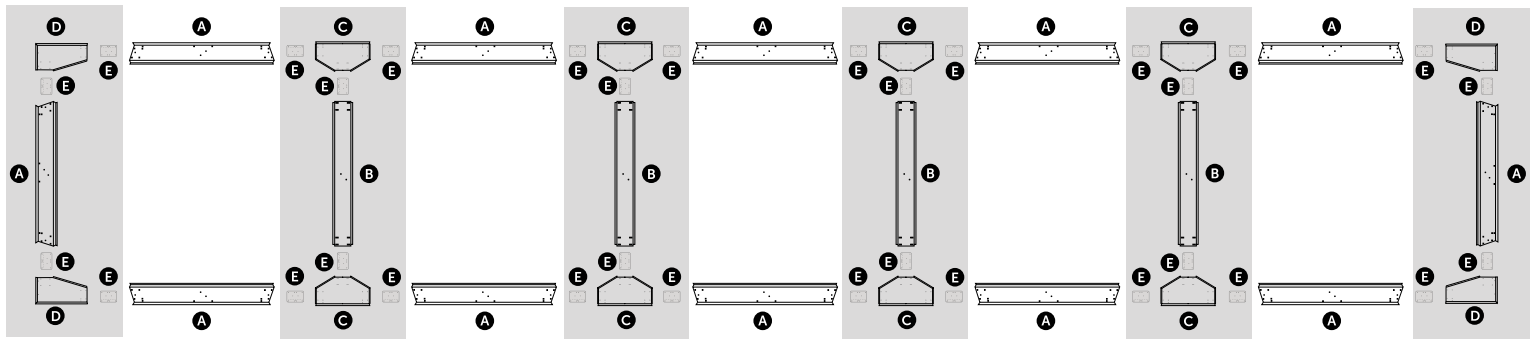


x8 per link bracket

STREETDECK PERIMETER

Assembly

- 1 Identify perimeter components. Arrange components in the formation shown below.



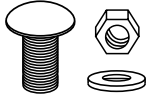
- 2 Begin building sections of the deck indicated by the gray rectangles above. To do so, attach link brackets to crossbeams, middle plates, corner plates and side perimeter beams. Turn each section upside down when connecting the carriage bolts, washers, and nuts to ease the assembly process.

- 3 From there, attach each section to the perimeter beams with the link brackets and carriage bolts. Wait to fully tighten the bolts as minor adjustments may be needed later on.

DECKING

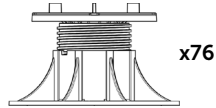
Components

- G** Carriage bolts,
nuts & washers



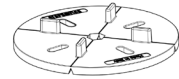
x1 per ramp bracket
x2 per planter and middle bracket

- H** Support pedestals



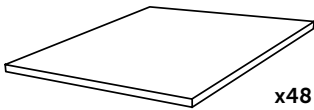
x76

- I** Rubber pads



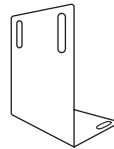
x46

- J** Porcelain pavers
(24" x24")



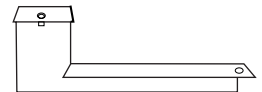
x48

- K** Planter brackets



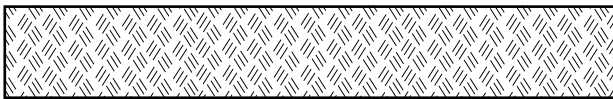
x16

- M** Ramp brackets



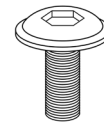
x2 per 4' ramp
x3 per 6' ramp

- N** Ramp
(4' length)



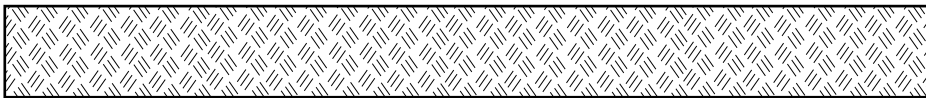
x1

- O** Hex socket bolts



x2 per 4' ramp
x3 per 6' ramp

- L** Ramps
(6' length)

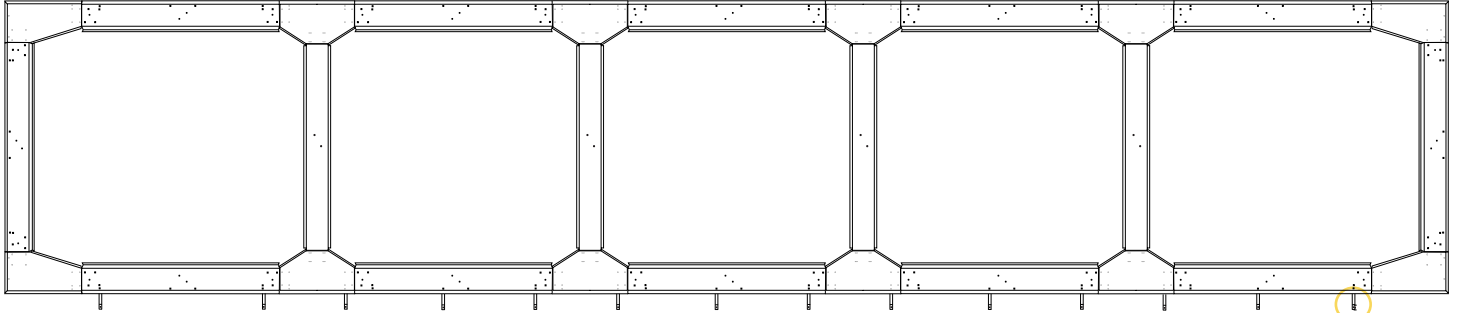


x4

DECKING

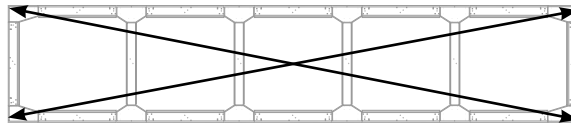
Assembly

- 1 Decide ramp location and install ramp brackets with protruding end as close to sidewalk as possible. Shift assembled deck closer to sidewalk if necessary.
 - 1.1 Use two ramp brackets **M** per 4' ramp **N** and three ramp brackets **M** per 6' ramp **L**. Choose ramp location based on existing holes located on either end of perimeter beam (see below). Use one carriage bolt, washer and nut **G** to attach each ramp bracket to the perimeter beam. *Do not attach ramp to brackets until pavers are laid.*

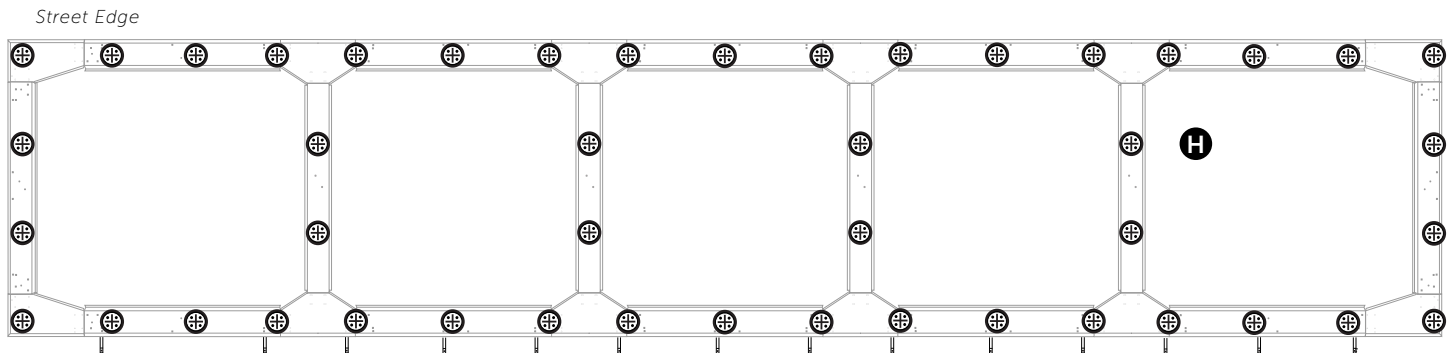


Sidewalk Edge

- 2 Square deck frame by measuring distance between diagonal corners and shifting frame as necessary until both measurements are equal.



- 3 Use pedestals **H** to elevate StreetDeck perimeter.



Street Edge

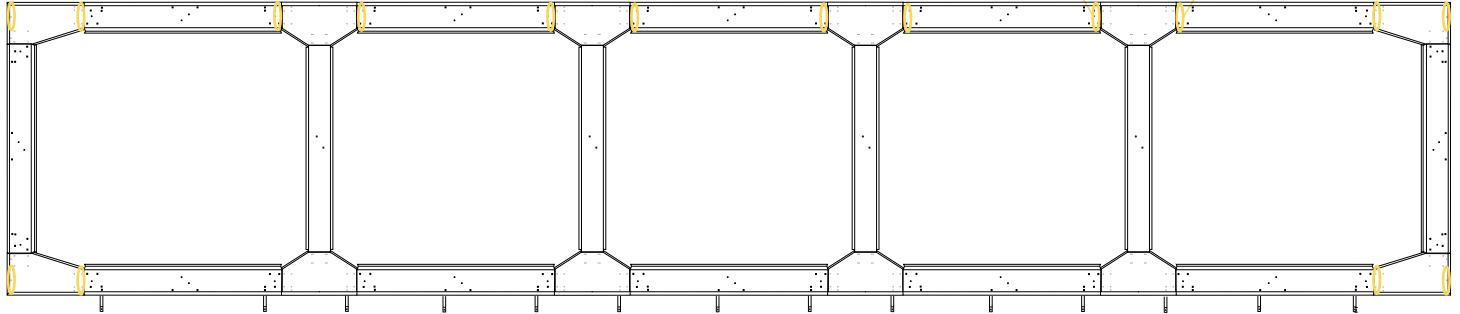
Sidewalk Edge

- 3.1 Begin installation with the row of pedestals along the curb. Cut the plastic base of these curbside pedestals along one of the scored lines on the pedestal base, so the pedestals can sit as close to the curb as possible (subject to any drainage regulations). Snap off the 4 spacer tabs on pedestals used under the perimeter frame so the rubber heads will sit flat on the underside of the steel perimeter. Place pedestals at 24" intervals as shown in the drawing below, adjusting the height so the finished deck will be flush with the level of the pavement.
- 3.2 Lift the steel frame onto the pedestals along the curbside.
- 3.3 Slide remaining pedestals under the frame at 24" intervals as shown, adjusting the height to compensate for the slope of the roadway.
- 3.4 Adjust pedestal heights to maintain the deck as an extension of the sidewalk. The top of the deck should meet the curb top to create a smooth transition for pedestrians. No paver should wobble or rock when stepped upon.

DECKING

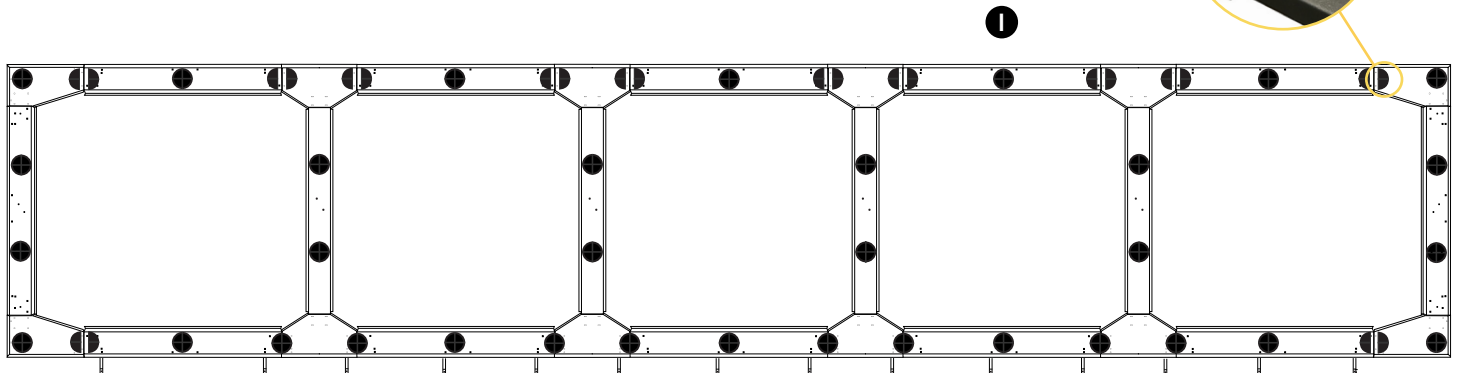
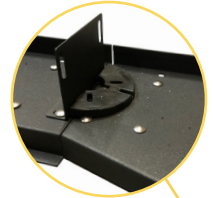
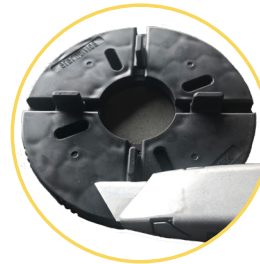
Assembly

- 4** Using 2 carriage bolts, washers and nuts **G** per planter bracket **K**, attach planter brackets to perimeter beams in pairs per planter location. Bottom leg of bracket pairs face away from one another, with the exception of bracket in each of the four corners, where the leg faces the bracket it's paired with.



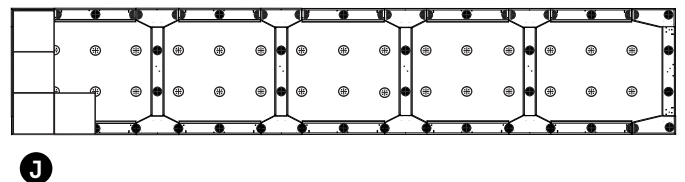
- 5** At all points where the pedestals are under deck frame components, place a rubber pad **I** directly above on surface of frame.

- 5.1** The rubber pads placed at planter bracket **K** locations need to be cut in half, with half going on either side of planter bracket. Spacer tabs should be removed prior to this to ensure that the cut pads do not cover any bolt heads. Use a box cutter to do so.
- 5.2** Remove all four spacer tabs on each pad placed at each in the corner of the deck and from the pads cut in half for the planter brackets.
- 5.3** All other rubber support pads require two tabs to be removed. Cut off tabs parallel to deck frame perimeter.



- 6** Lay remaining pedestals **H** and porcelain pavers **J**.

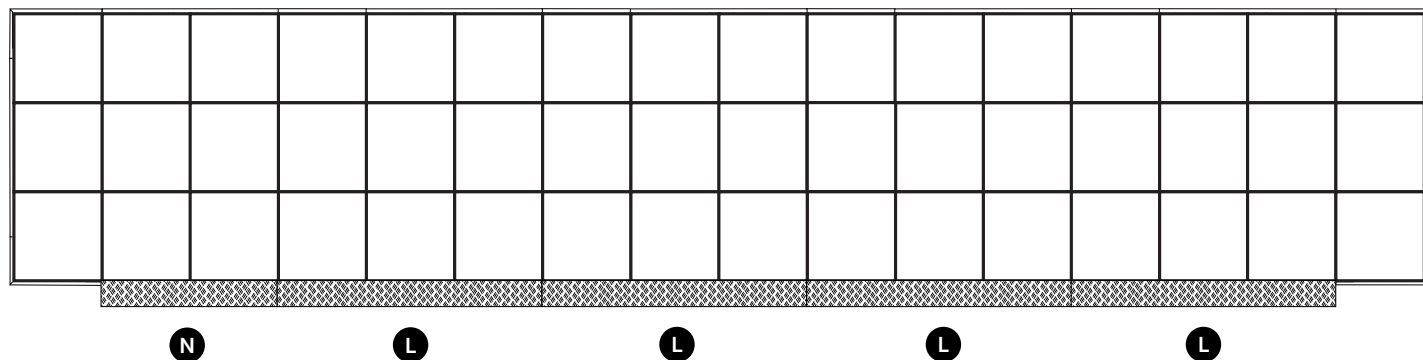
- 6.1** Lay remaining pedestals at 24" spacing.
- 6.2** Lay porcelain pavers, one 3-paver row at a time. Position pavers snug against spacer tabs on pedestal heads taking care not to snap off any tabs. Constantly check the deck surface as you lay the pavers, adjusting pedestal heights as necessary. Note that planter brackets will protrude from the gaps between the pavers.



DECKING

Assembly

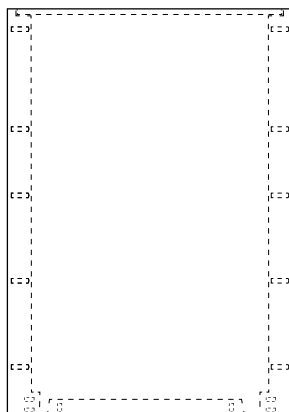
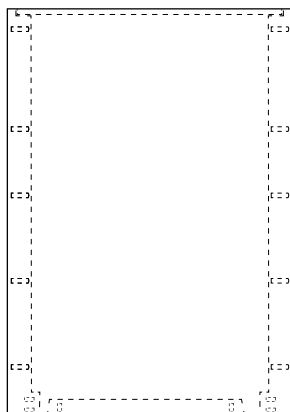
- 7** Using the hex socket bolts **O**, secure one 4' ramp **N** to both ramp brackets **M** with hex key and repeat for the remaining 6' ramps **L**.



PLANTERS

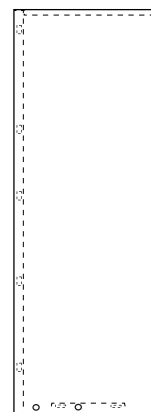
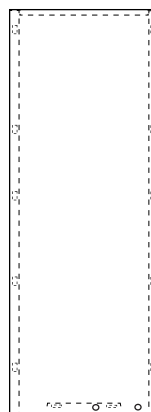
Components

- P** Planter front and back panels
2'W x 3'H



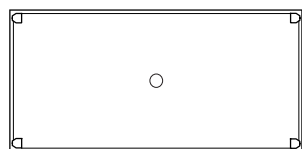
x16

- Q** Planter side panels
1'D x 3'H



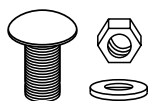
x16

- R** Planter shelves



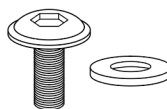
x8

- G** Carriage bolts, nuts & washers



x20 per planter

- O** Hex socket bolts & washers



x4 per planter

- Y** Rubber bumper feet



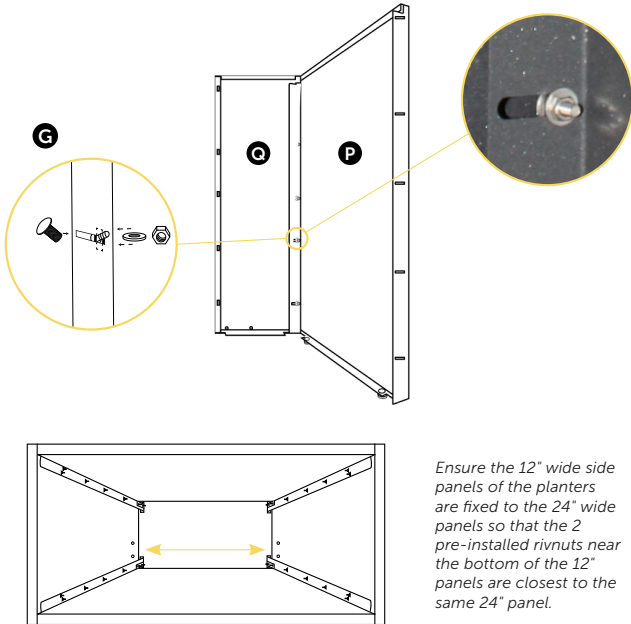
x4 per planter

PLANTERS

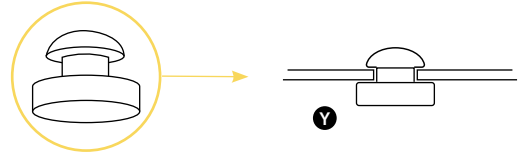
Assembly

- 1 Connect side panels **Q** to front and back panels **P**.

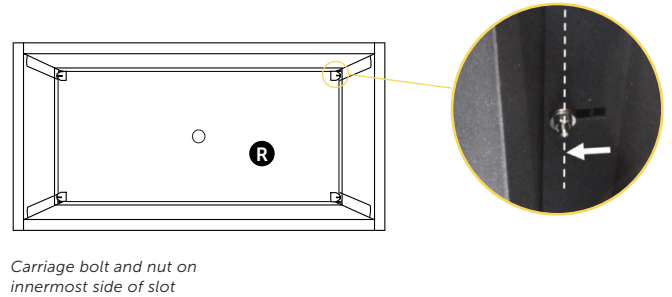
- 1.1 Using 20 carriage bolts, washers and nuts **G**, connect side panels **Q** to front and back panels **P**. Repeat for remaining planters.



- 2 Insert rubber bumper feet **Y** in the 4 holes on the base of the planter.

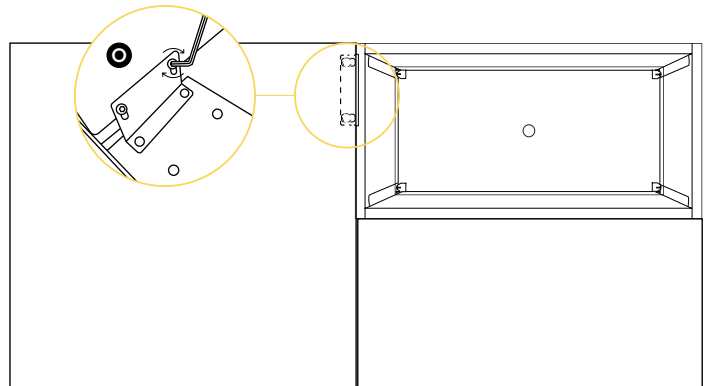


- 3 Stand planter upright. Decide planter shelf height; insert 4 carriage bolts, washers and nuts **G** on innermost side of slot. Rest planter shelf **R** on 4 bolts.

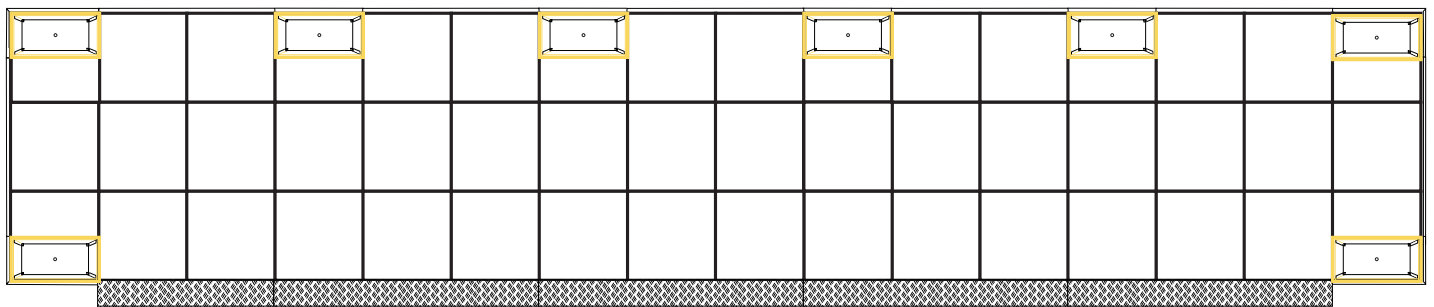


- 4 Secure planters to planter brackets.

- 4.1 Mount planters at each corner of the deck by placing a washer on the remaining two slots in each planter bracket and inserting a hex socket bolt **O** through each washer into pre-installed rivnuts located near the bottom of the planter side panels.



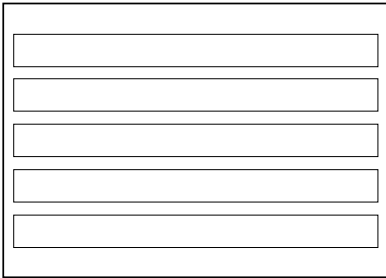
Placement of planters:



FENCE

Components

AA 4'W x 3'H fence panels



x7

G Carriage bolts, nuts & washers



x6 per fence panel

FENCE

Assembly

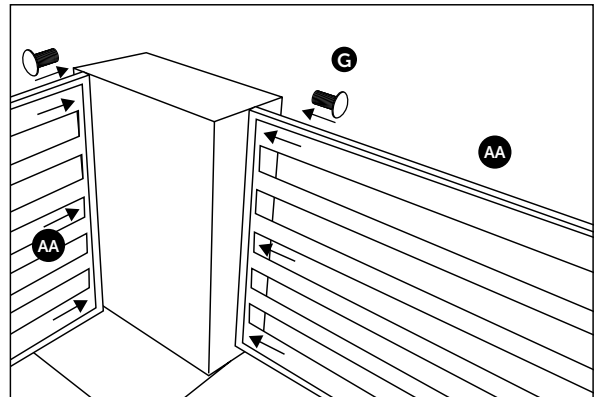
1 Install the fence panels.

1.1 Mount side panels to planters.

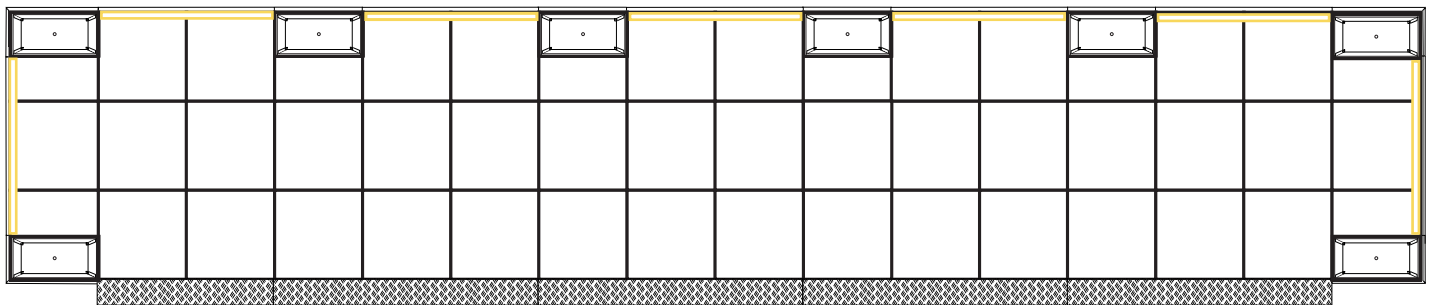
Since StreetDeck permits custom fence panels and railings to be used, holes for mounting panels to the planters are not pre-drilled in the planters.

1.2 Use the pre-drilled holes in the panels as a guide and drill 3 x 3/8" dia. holes in the sides of the 2 planters to which the fence panels will attach: 2" (min.) from the edge of the planters.

1.3 Attach fence panels to planters with 3 carriage bolts, washers and nuts per side.



Placement of fence panels:



⚠ CAUTION

While Archatrak porcelain pavers are exceptionally dense, durable and rigid, they can suffer damage due to mishandling, careless treatment or accidental impact. If hard objects are dropped on the pavers from a significant height, chips, scratches, surface damage and / or cracking and breakage may occur. Where a deck height is greater than 4", especially in high traffic commercial installations, appropriate reinforcement sheets or protective panels should be installed on the underside of the pavers.

See archatrak.com/break-through-protection for further information.



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