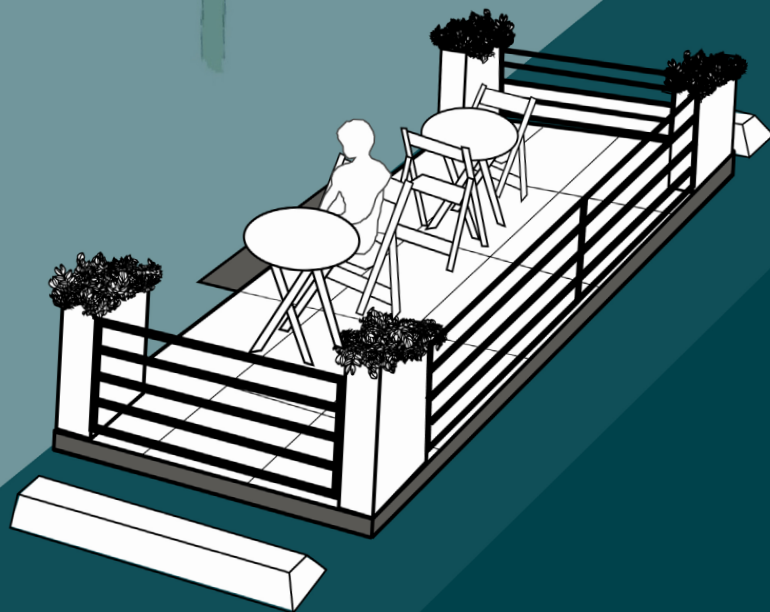


STREET DECK



One-Car StreetDeck

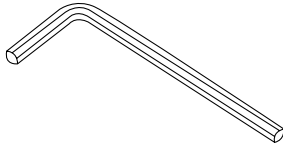
/ 6' x 12'

INSTALLATION MANUAL

TOOLS

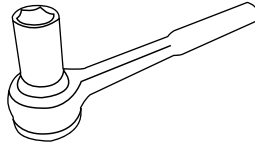
Tools needed to assemble StreetDeck

1 Hex key



Use hex key with hex socket bolts to secure ramp to ramp brackets and to attach planters to mounting brackets with rivnuts.

2 Socket wrench (10mm)



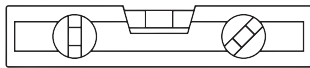
Use socket wrench for nuts on carriage bolts. Power Drill with adapter can also be used.

3 Tape measure



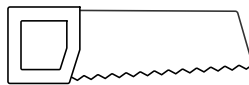
Use tape measure for proper pedestal placement and to check diagonal measurement.

4 6' or 8' level



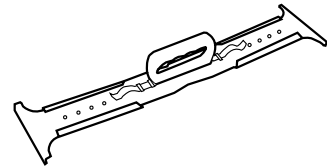
Use level when installing support pedestals and when laying porcelain pavers.

5 Hand saw



Use hand saw to shorten length of watering pipes in planter boxes.
(If supplied)

6 Tile lifter (optional)



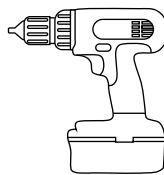
Use tile lifter to remove porcelain pavers from deck when dismantling StreetDeck.

7 Box Cutter



Use box cutter to trim tabs off rubber pads.

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

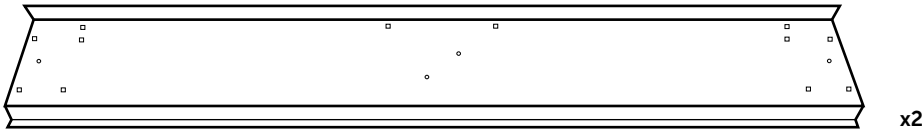


Required for drilling 6 holes into each planter to mount fence panels.

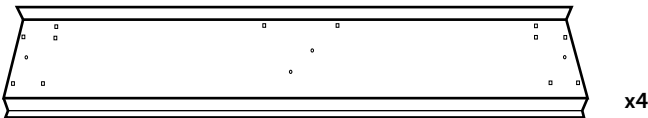
STREETDECK PERIMETER

Components

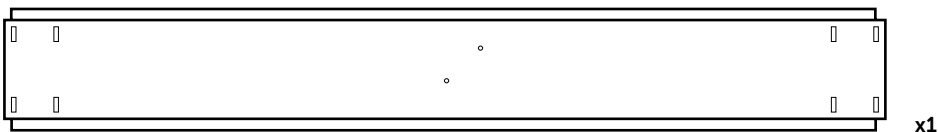
A Perimeter beam 4'W



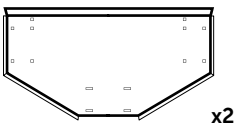
B Perimeter beam 3'W



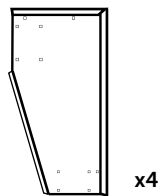
C Crossbeam 4'W



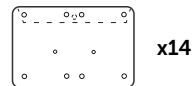
D Middle plate



E Corner plate



F Link bracket



G Carriage bolts, nuts & washers



x8 per link bracket

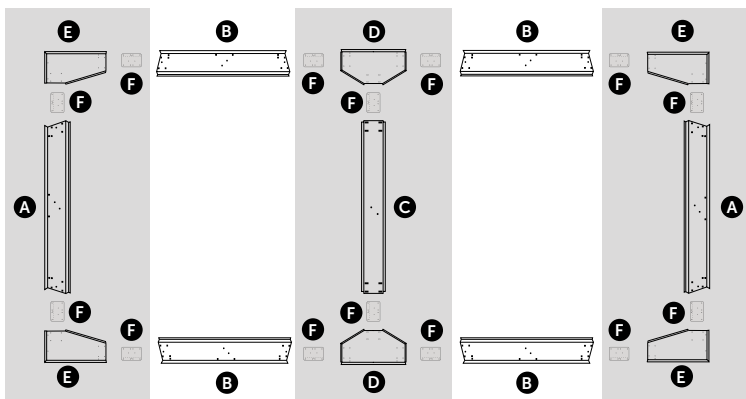
STREETDECK PERIMETER

Assembly

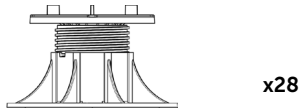
1 Identify perimeter components. Arrange components in formation of StreetDeck (see below).

2 Begin building three sections of the deck—the two sides and middle section indicated by the gray rectangles to the right. To do so, attach link brackets to the crossbeam, 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.



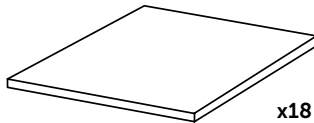
H Support pedestals



I Rubber pads

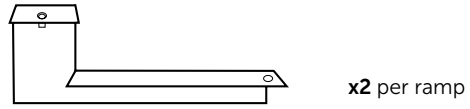


J 24" x 24" porcelain pavers



For StreetDeck with ramp:

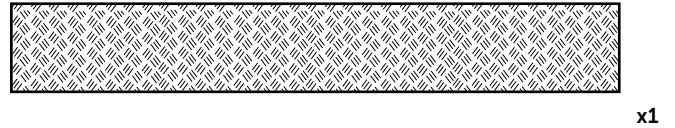
M Ramp bracket



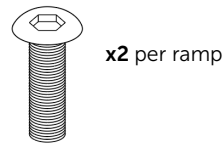
G Carriage bolts, nuts & washers



N Ramp

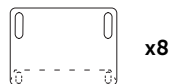


O Hex socket bolt

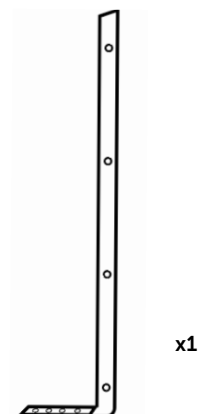


For StreetDeck with planters:

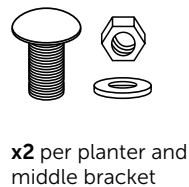
K Planter bracket



L Middle fence bracket



G Carriage bolts, nuts & washers

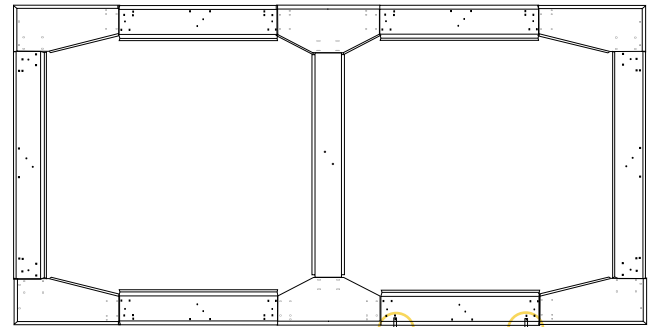


- 1 Decide ramp location and install ramp brackets with protruding end as close to sidewalk as possible. Shift assembled deck closer to sidewalk if necessary.

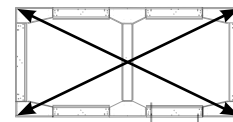
- 1.1 Use two ramp brackets **M** per ramp. Choose ramp location based on existing holes located on either end of perimeter beam (see above). Use one carriage bolt, washer and nut. **G** to attach each ramp bracket to the perimeter beam. Repeat this step if you have more than one ramp. Do not attach ramp to brackets until pavers are laid.

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

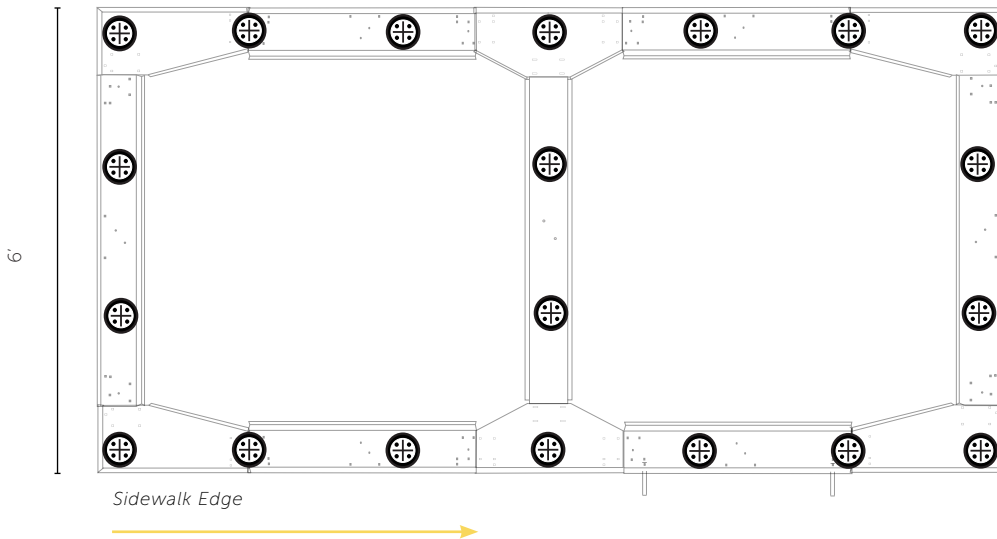
- 3 Use pedestals **G** to elevate StreetDeck perimeter.



Sidewalk Edge



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 curb side.

- 3.3 Slide remaining pedestals under the frame at 24" intervals as shown, adjusting the height to compensate for the slope of the

- 3.4 With a spirit level, check for level in all directions and make sure all pedestals are sitting firmly in position under the perimeter, adjusting pedestal heights as necessary.

Where 'Uptec' pedestals are supplied, the height is adjusted either by inserting a wide screwdriver or supplied tool into the slot in the center of the pedestals and rotating either left or right to raise/lower, or by holding the screwed column firmly and rotating the pedestal base. Extra height is achieved by inserting additional 'collars' between the screwed column and the base. Note that the green ring in the top of the 'Uptec' pedestals should remain loose so the head can move slightly and automatically adjust for the slope of the roadway.

Where 'Eterno' SE pedestals are supplied, the height is adjusted similarly to the Uptec pedestals by rotating the screwed column, but to add extra height, different models of pedestals must be used, each covering a specific height range.

DECKING

Assembly

Decking Assembly

- 4 Using 2 carriage bolts, washers, and nuts **G** per planter bracket **K**, attach planter brackets to perimeter beams and corner plates in pairs per planter location. Planter brackets in each of the four corners should have bottom legs facing the bracket it's paired with. The remaining four planter brackets should have legs facing away from the corners.

- 4.1 Using carriage bolts, washers and nuts **G**, attach middle bracket **L** to crossbeam and middle plate.

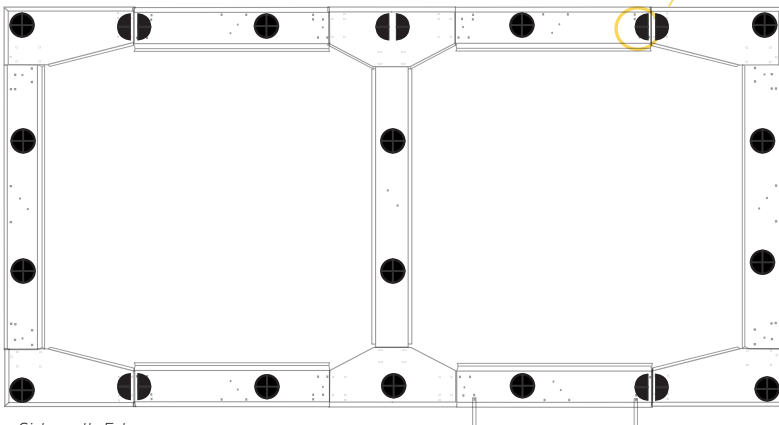
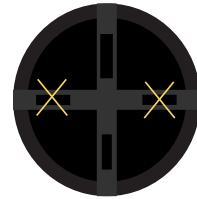
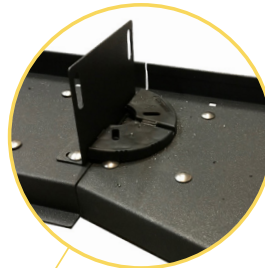
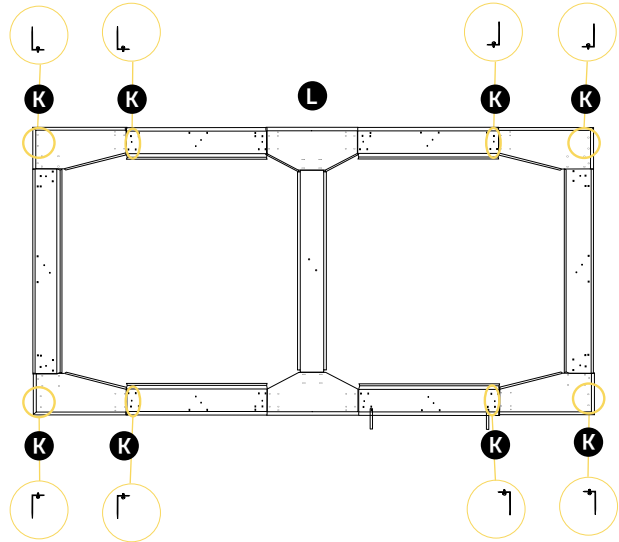
- 5 With the remaining carriage bolts, washers and nuts, attach middle fence bracket **L** to crossbeam **C**

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

- 6.1 Rubber pads placed at planter bracket location are cut in half, with half going on either side of planter bracket ensuring that the cut ads do not cover any bolt heads.

- 6.2 Using a box cutter, remove all 4 spacer tabs on the four pads located in the corners and pads cut in half at planter brackets.

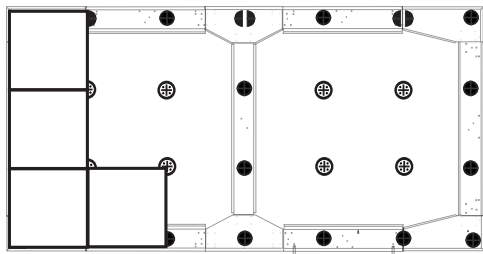
- 6.3 All other rubber support pads require two tabs to be removed. Cut off tabs parallel to deck frame perimeter.



Sidewalk Edge

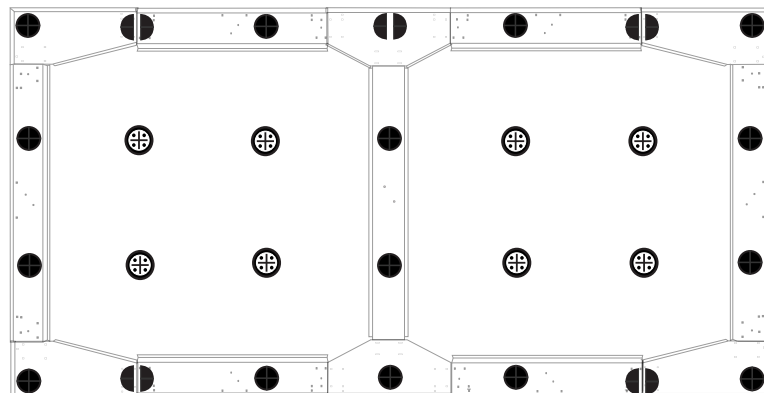
6 Lay remaining pedestals ④ and porcelain pavers ③.

- 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 for level as you lay the pavers, adjusting pedestal heights as necessary. Note that planter brackets (where installed) will protrude from the gaps between the pavers.

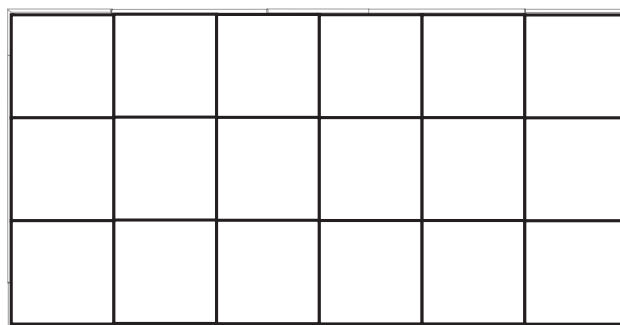


Sidewalk Edge

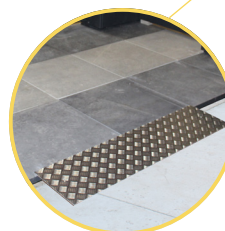
7 Using the hex socket bolts ⑤, secure the 4' ramp ⑥ to both ramp brackets ⑦ with hex key. Repeat this step if using multiple ramps.



Sidewalk Edge



Sidewalk Edge

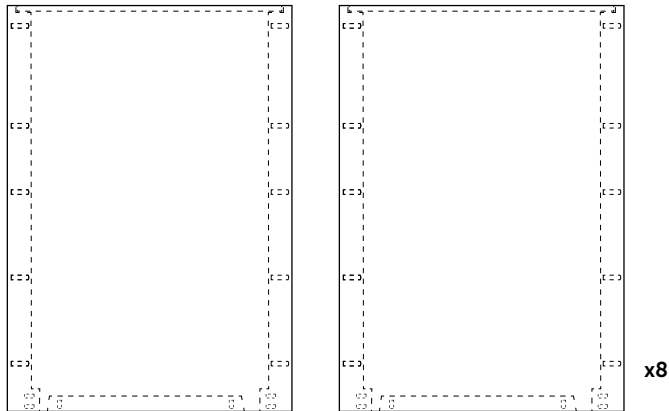


PLANTERS

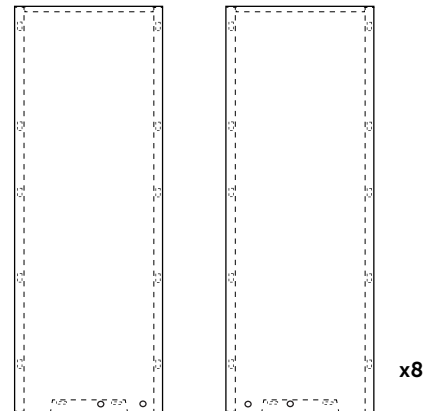
Components



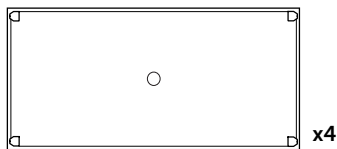
- P** Planter front and back panels
2'W x 3'H



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



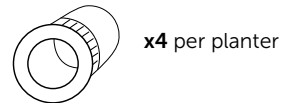
- R** Planter shelf



- G** Carriage bolts, nuts & washers



- S** Rivnuts

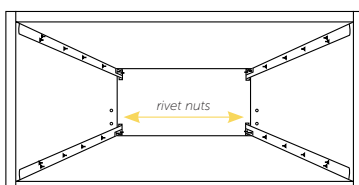
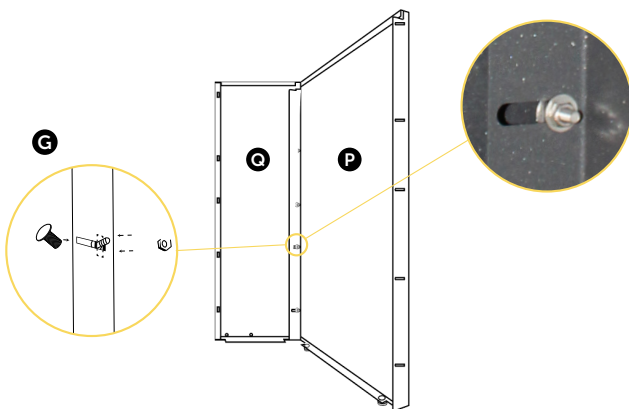


PLANTERS

Assembly

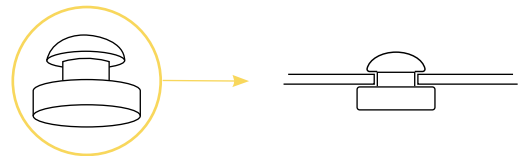
- 1** Connect side panels **Q** to front and back panels **P**

- 1.1** Using 20 carriage bolts, washers and nuts, **G** connect side panels **Q** to front and back panels **P**. Repeat for remaining two 3'H planter. **P**

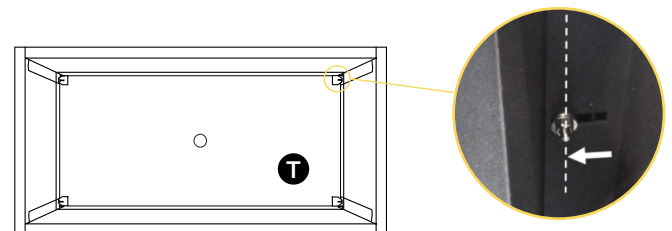


Ensure the 2 rivnuts near the bottom of both side panels are closest to the same large panel.

- 2** Insert 4 rubber bumper feet 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 **T** on 4 bolts.



Hex head bolt and nut on innermost side of slot.

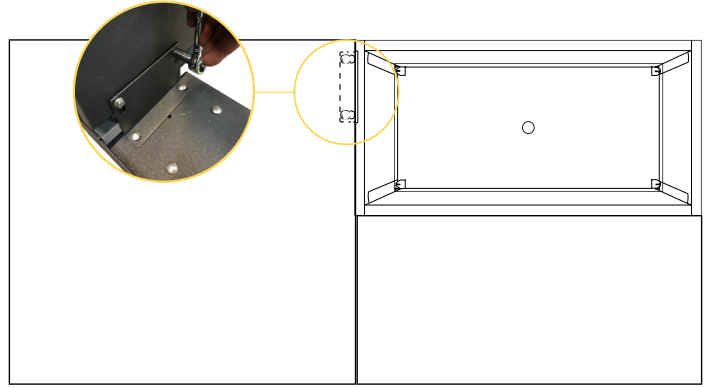
PLANTERS

Assembly

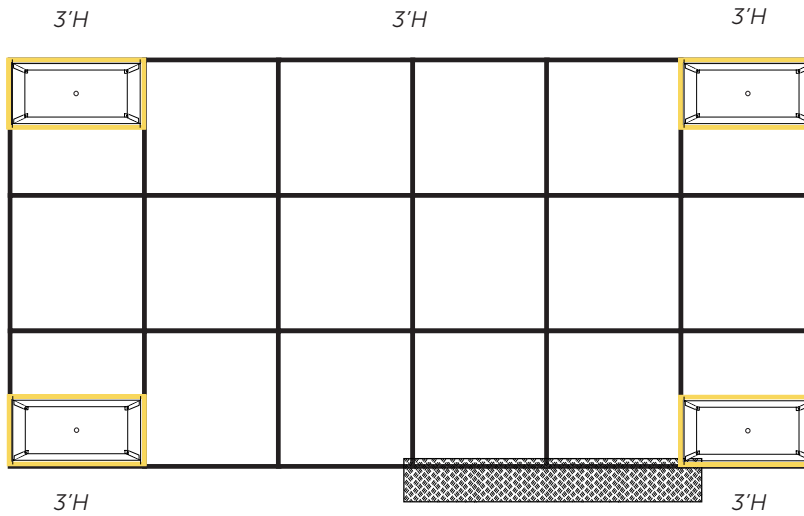
3
Planter
Assembly

4 Secure planters to planter brackets.

- 4.1 For planters in four corners, use hex key to secure rivnut bolts **5** through each planter bracket into existing rivnuts located near the bottom of the planter side panels.
- 4.2 Secure middle planter to middle bracket by inserting two carriage bolts down through front and back panel into top of middle bracket. Tighten with flange nuts.



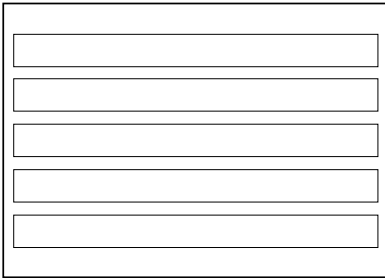
Placement
of planters:



FENCE

Components

- AA** 4'W x 3'H fence panel



x4

- G** Carriage bolts, nuts & washers



x6 fence panel

FENCE

Assembly

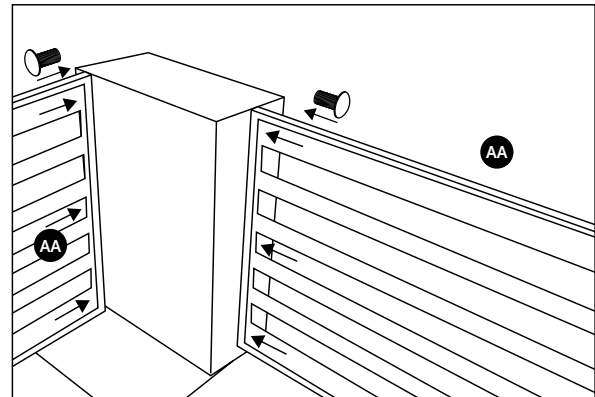
- 1** Install the fence panels.

- 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 predrilled in the planters.

- 1.2** For the fence panels on the short sides of the deck, use the predrilled holes in the panels as a guide and drill $3 \times \frac{3}{8}$ " dia. holes in the sides of the planters, 2" (min.) from the edge of the planters.

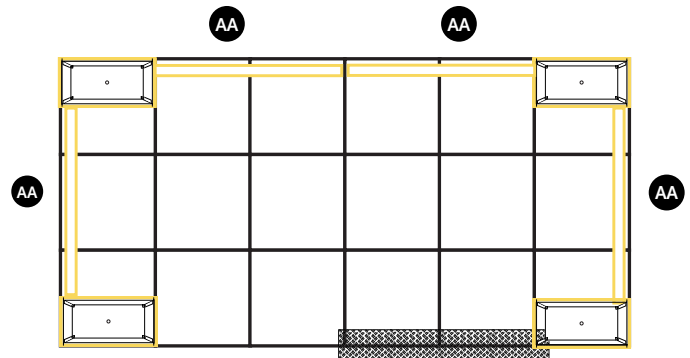
- 1.3** Attach fence panels to planters with 3 carriage bolts, washers and nuts per side.



- 2** Mount panels to planters and central mounting bracket.

- 2.1** Using the predrilled holes in the panels as a guide, drill $3 \times \frac{3}{8}$ " dia. holes in the sides of the planters, 2" (min.) from the edge of the planters. Attach one end of each fence panel to each planter.

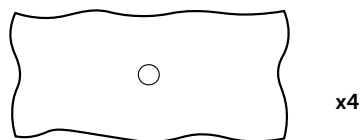
- 2.2** Connect the 2 fence panels to each other and to the upright middle fence bracket with 3 carriage bolts, washers and nuts.



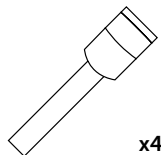
PLANTER SOIL SACK (where supplied)

Components

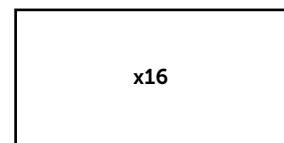
T Soil sack



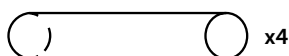
U Drain hose



V Insulation panels



W Watering pipe



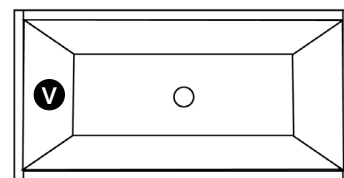
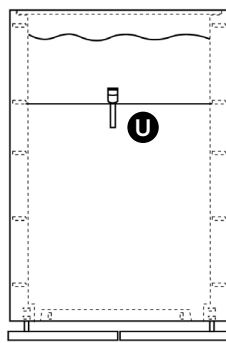
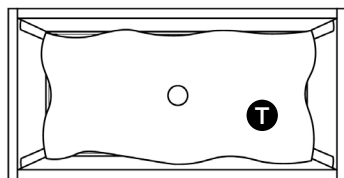
X Filter fabric



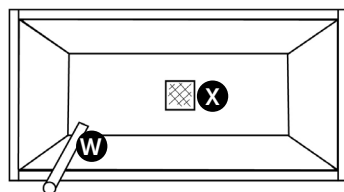
PLANTER SOIL SACK

Installation

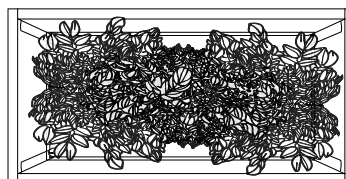
- 1 Position the insulation panels **V** against inside face of all four planters. Place soil sack **T** with drain hose **U** in planter. Insert drain hose into hole located in the center of the planter shelf. Make sure the soil sack stands upright.



- 2 Place watering pipe **W** in the corner of soil sack. Use hand saw to shorten length of watering pipe if necessary. Cover the drain hole with piece of filter fabric.



- 3 Fill sack with soil and plant vegetation.



⚠ 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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