**TOOLS**

*Tools needed to assemble StreetDeck*

1. **Hex key**
   - Use hex key with hex socket screw to secure ramp to ramp brackets.

2. **Socket wrench (10mm)**
   - Use socket wrench where hex head bolts are required.

3. **Tape measure**
   - Use tape measure for proper SE pedestal placement.

4. **4’ or 8’ level**
   - Use level when installing SE support pedestals and when laying porcelain pavers.

5. **Hand saw**
   - Use hand saw to shorten length of watering pipes in planter boxes.

6. **Tile lifter**
   - Use tile lifter to remove porcelain pavers from deck when dismantling StreetDeck.
Assembling the StreetDeck Perimeter

**Components**

A. Perimeter beam
   - Quantity: 12

B. Crossbeam
   - Quantity: 4

C. Middle plate
   - Quantity: 8

D. Corner plate
   - Quantity: 4

E. Link bracket
   - Quantity: 32

F. Hex head bolts & flange nuts
   - Quantity: 8 per link bracket
1. Identify perimeter components. Arrange components in formation of StreetDeck (see below).

2. Begin attaching perimeter components together using link brackets. Begin with the outer perimeter beams, followed by crossbeams.

2.1 Connect corner plates, perimeter beams, and middle plates using link bracket. Secure link brackets to underside using 8 hex head bolts and flange nuts per link bracket.

2.2 Secure link bracket to underside of crossbeams and middle plates using 8 hex head bolts and flange nuts per link bracket.
**Components**

**G** 'SE' support pedestals  
![Image](G.png)  
\[76\] x76

**H** Rubber pads  
![Image](H.png)  
\[46\] x46

**I** 24” x 24” porcelain pavers  
![Image](I.png)  
\[48\] x48

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**For StreetDeck with ramp:**

**J** Ramp bracket  
![Image](J.png)  
\[2\] per ramp

**F** Hex head bolt & flange nut  
![Image](F.png)  
\[2\] per bracket

**K** Ramp  
![Image](K.png)  
\[1\]

**L** Hex socket screw  
![Image](L.png)  
\[2\] per ramp

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**For StreetDeck with planters:**

**M** Planter bracket  
![Image](M.png)  
\[16\]

**F** Hex head bolt & flange nut  
![Image](F.png)  
\[2\] per planter bracket
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 per ramp. Choose ramp location based on existing holes located on either end of perimeter beam (see above). Use one hex head bolt and flange nut 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 SE pedestals to elevate StreetDeck perimeter.

3.1 Begin on one of the 6’ sides. Snap off the 4 spacer tabs on pedestal heads to allow underside of frame to sit flush on pedestal head. Pedestal heights are adjusted by holding the screw column firmly and rotating the pedestal base left or right to raise/lower the pedestal. StreetDeck perimeter height should be level with sidewalk height so ramp will sit flush on pavers and sidewalk.

3.2 Elevate remainder of perimeter frame toward opposite 6’ side. Place pedestals every 24” and use level along perimeter frame to check for necessary pedestal height adjustments. Typically shorter pedestals are necessary on the street edge, transitioning to incrementally taller pedestals toward the sidewalk edge.
4 Using 2 hex head bolts and flange nuts per planter bracket, 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 curved bottom faces the bracket it’s paired with. If StreetDeck does not have planters, you may skip this step and go to step 6.

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

5.1 Rubber pads placed at planter bracket location are cut in half, with half going on either side of planter bracket.

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

5.3 All other rubber support pads require two tabs to be removed. Cut off tabs parallel to deck frame perimeter.
Lay remaining SE pedestals ① and porcelain pavers ②.

6.1 Lay remaining SE pedestals in 24" increments as pictured below.

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.

6.3 To ensure all pavers fit within the deck frame perimeter, it is critical that the corner of each paver is pressed firmly against the spacer tabs on both the SE pedestals and the rubber pads, noting that planter brackets (where installed) will protrude from the gaps between the pavers.
7 Using the hex socket screws, secure the 4' ramp to both ramp brackets with hex key. Repeat this step if using multiple ramps.
Planter front and back panels
2'W x 3'H

Planter side panels
1'W x 3'H

Planter front and back panels
2'W x 2'H

Planter side panels
1'W x 2'H

Planter shelf

Hex head bolts and flange nuts

Planter feet
1. Using 2 hex head bolts and flange nuts, securely tighten the planter feet to front and back panels ensuring the base portion of the L shaped foot is facing inwards. Leave exactly 1” of the foot protruding from the base of the panel.

There should be one foot bracket on either side of the front and back panels.

2. Connect side panels to front and back panels using 20 hex head bolts and flange nuts.

2.1 Using 20 hex head bolts and flange nuts, connect side panels to front and back panels.

2.2 Using 16 hex head bolts and flange nuts, connect side panels to front and back panels.

Be sure the 2 rivet nuts towards bottom of both side panels are closest to the same large panel.

3. Stand planter upright. Decide planter shelf height; insert 4 hex head bolts and flange nuts on innermost side of slot. Rest planter shelf on 4 bolts.

Hex head bolt and nut on innermost side of slot.
Secure planter box to planter brackets. Use socket wrench to secure 2 hex head bolts through each planter bracket into existing rivet nuts located towards the bottom of the planter side panels.

Placement of planters:
**Components**

- **T** Soil sack
- **U** Drain hose
- **V** Insulation panels
- **W** Watering pipe
- **X** Filter fabric
1. Insert soil sack with drain hose in planter. Insert drain hose into hole located in the center of the planter shelf. Insert the insulation panels against inside edge of all four planters. Carefully check that the edges of the soil sack stand upright.

2. Place watering pipe in the corner of planter. 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.
\textbf{FENCE Components}

\textbf{Y} 4’W x 3’H fence panel

\textbf{Z} 3’W x 2’H fence panel

\textbf{F} Hex head bolt

\textbf{x6 per fence panel}
1. Attach fence panels to planters by screwing 6 hex head bolts into existing rivet nut holes.

4’W fence panels attach along the 32’ long street edge, while the 3’W fence panels attach along the 6’ ends of StreetDeck.