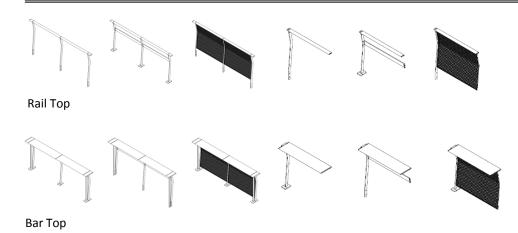
Date: May 16, 2017 www.landscapeforms.com Ph: 800,521,2546



ASSEMBLE WITH CARE! Pangard II® Polyester Powdercoat is a strong, long-lasting finish. To protect this finish during assembly, place unwrapped powdercoated parts on packaging foam or other nonmarring surface. Do not place or slide powdercoated parts on concrete or other hard or textured surface - this will damage the finish causing rust to occur. Use touch-up paint on any gouges in the finish caused by assembly tools.

Tools Required

- Safety glasses
- 5/32 hex key

For Surface Mount option:

- Anchoring hardware, 4 bolts required per support post. Maximum 3/8" diameter. Noncorrosive recommended. Height above surface mount plate cannot exceed 3/8" for cover plate to install properly.
- Hammer drill with masonry bits
- 5/64 hex key for cover plate assembly

Included components: Rail Top Rail Top Rail Top Bar Top **End Cap** splice lock 5/16-18 x 3/4 Surface #6-32 x 3/8 1/4-20 x 3/4 **Embed** Cover plate halves Socket button Mount set screw socket button Head screw for for infills head screw Rail Top cover plates 1/4" washer Mesh Infill **Backrest** Surface Surface Embed -Mount -Mount -Embed -Intermediate End Intermediate End Bar Top End Caps

INSTALLATION:

- Determine proper support locations based on site specifications. If unit is to be installed with a backrest or mesh infill, locate supports according to tapped hole locations. The backrest is intended to be utilized on the side opposite of the access side for the leaning rail. See Fig. 1 and Fig. 2.
- Prepare proper footings or slab/sidewalk as required.

SURFACE MOUNT:

- Set end post in place. See Fig. 3 and Fig. 4 for minimum slab sizes.
- 2. Mark holes. Move unit to drill holes.
- 3. Clear holes of debris.
- Install anchors according to anchor manufacturer's recommendations.
- Set the next post in the same manner. Posts are spaced 48" on center.

EMBEDDED:

- Set the end post in place. Brace unit until concrete has set. See Fig. 5 for minimum pier footing recommendations.
- Set the next post in place. Posts are spaced 48" on center.

RAIL INSTALLATION:

- After first two posts in the run are installed, install the top extrusion. Insert the splice locks into the ends of the extrusions and then attach to the support posts. See Fig 6.
- Install the end cap. See Fig. 6.
- Continue installing the run, working in sections. Install the next post and top extrusion, ending the run by installing the end cap.

INFILL INSTALLATION:

- The backrest or mesh infill can be installed after the rail system is in place.
- See Fig. 7 for orientation of the backrest.

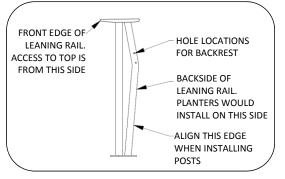
COVER PLATE INSTALLATION:

1. Install cover plates as shown in Fig. 8.

Bar Top

Date: May 16, 2017 Ph: 800.521.2546

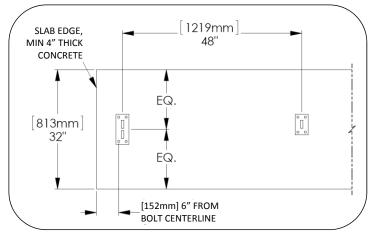


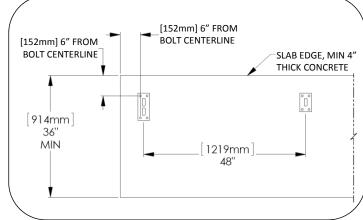


HOLE LOCATIONS FRONT EDGE OF FOR MESH INFILL LEANING RAIL. ACCESS TO TOP IS FROM THIS SIDE **BACKSIDE OF** LEANING RAIL. PLANTERS WOULD **INSTALL ON THIS SIDE** ALIGN THIS EDGE WHEN INSTALLING **POSTS**

Fig. 1 – Side view of bar top, with backrest

Fig. 2 – Side view of bar top, with mesh infill





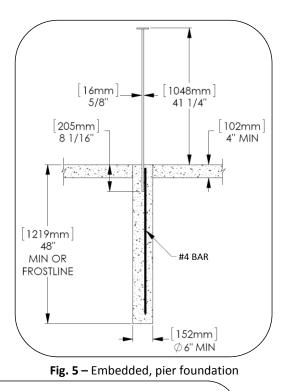


Fig. 3 – Surface mount, centered on slab

END CAP SPLICE LOCK TOP EXTRUSION (BAR TOP SHOWN) **SPLICE** LOCK WASHER **END POST BAR TOP** UNIT **BUTTON HD SCREW** INTERMEDIATE SUPPORT

Fig. 6 - Install top extrusions, end cap

Fig. 4 – Surface mount, installed near edge of slab

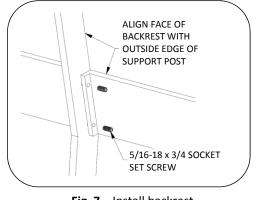


Fig. 7 - Install backrest

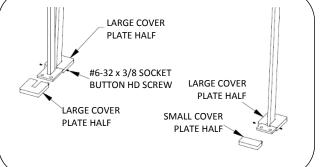


Fig. 8 – Install cover plate

