

## INSTALLATION GUIDELINE

USER GROUP: 5-12 Years

RECOMMENDED CREW: 2 People

TOOLS REQUIRED:

- TT-30, TT-45 Torx
- Level, Square
- Auger / Post Hole Digger / Shovel
- Drill Bits: None
- High Speed 3/8" Electric Drill with Clutch
- Metal / Hack Saw (Optional)

NOTE: Use of any other driver may result in damage to tool and/or hardware!

INSTALLATION TIME: 2 Hours

WEIGHT: 856 lbs.

CONCRETE REQUIRED: (41) 80lb. bags

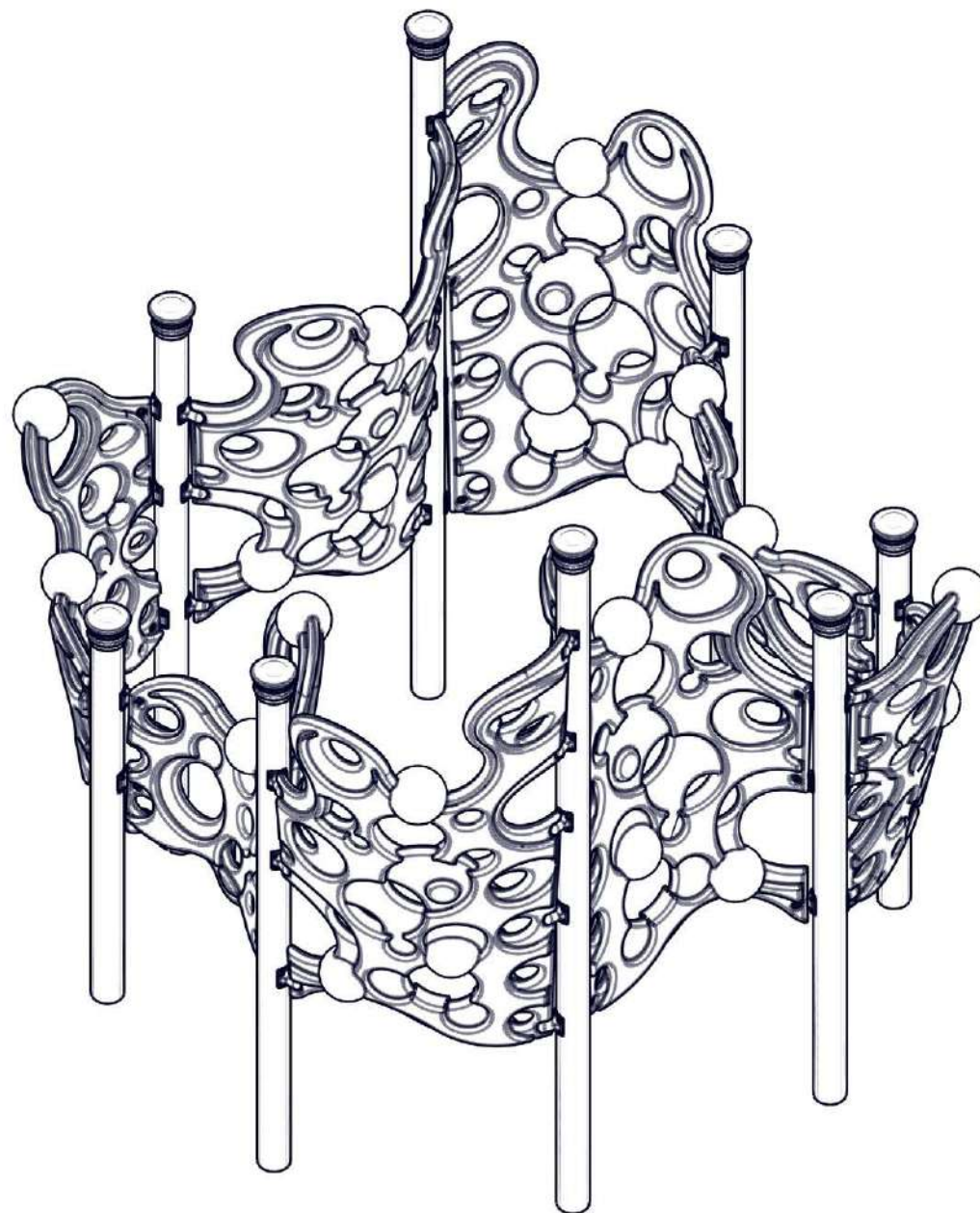
NOTE: Concrete must have a minimum rating of 2,500 psi and must be mixed per manufacturer's recommendations.

### PRE-INSTALLATION CHECK:

Customer is responsible for verifying materials received by comparing received items with packing list. If any parts are missing or damaged, contact your local sales representative immediately.

Supplier is not responsible for items discovered missing after 72 hours from time of delivery.

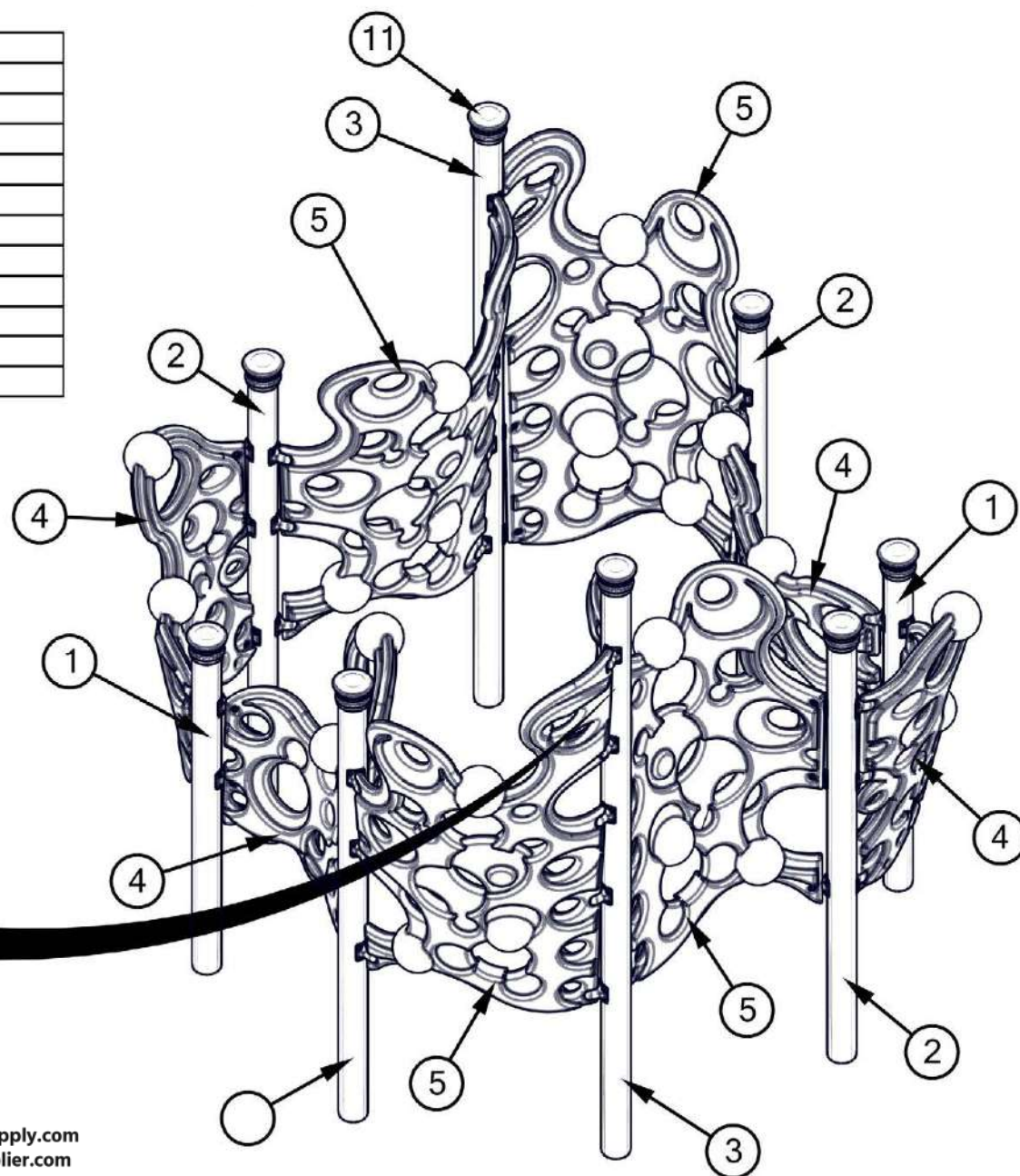
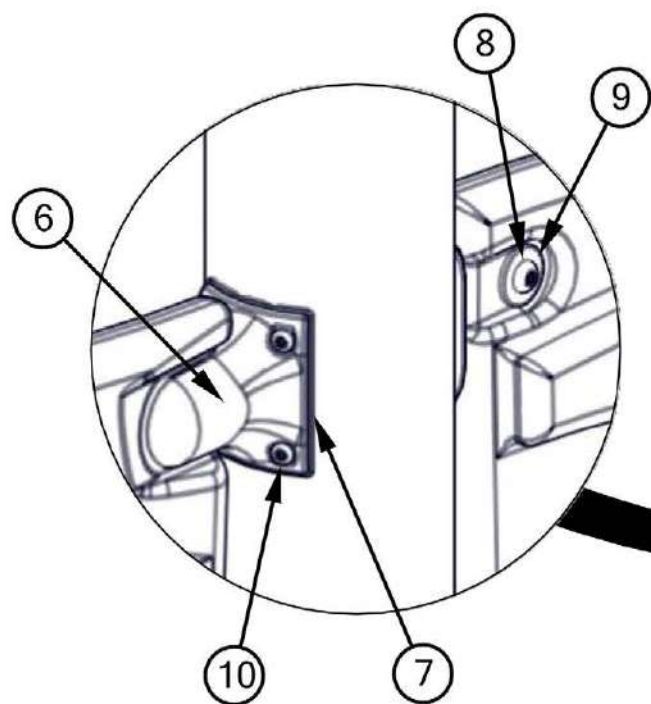
Before beginning installation, all installers must read and understand the Installation Introduction manual as supplied. If you did not receive a copy, or if you have any questions regarding any information in the Installation Instructions or this Installation Guideline, contact your local sales representative.





## INSTALLATION GUIDELINE

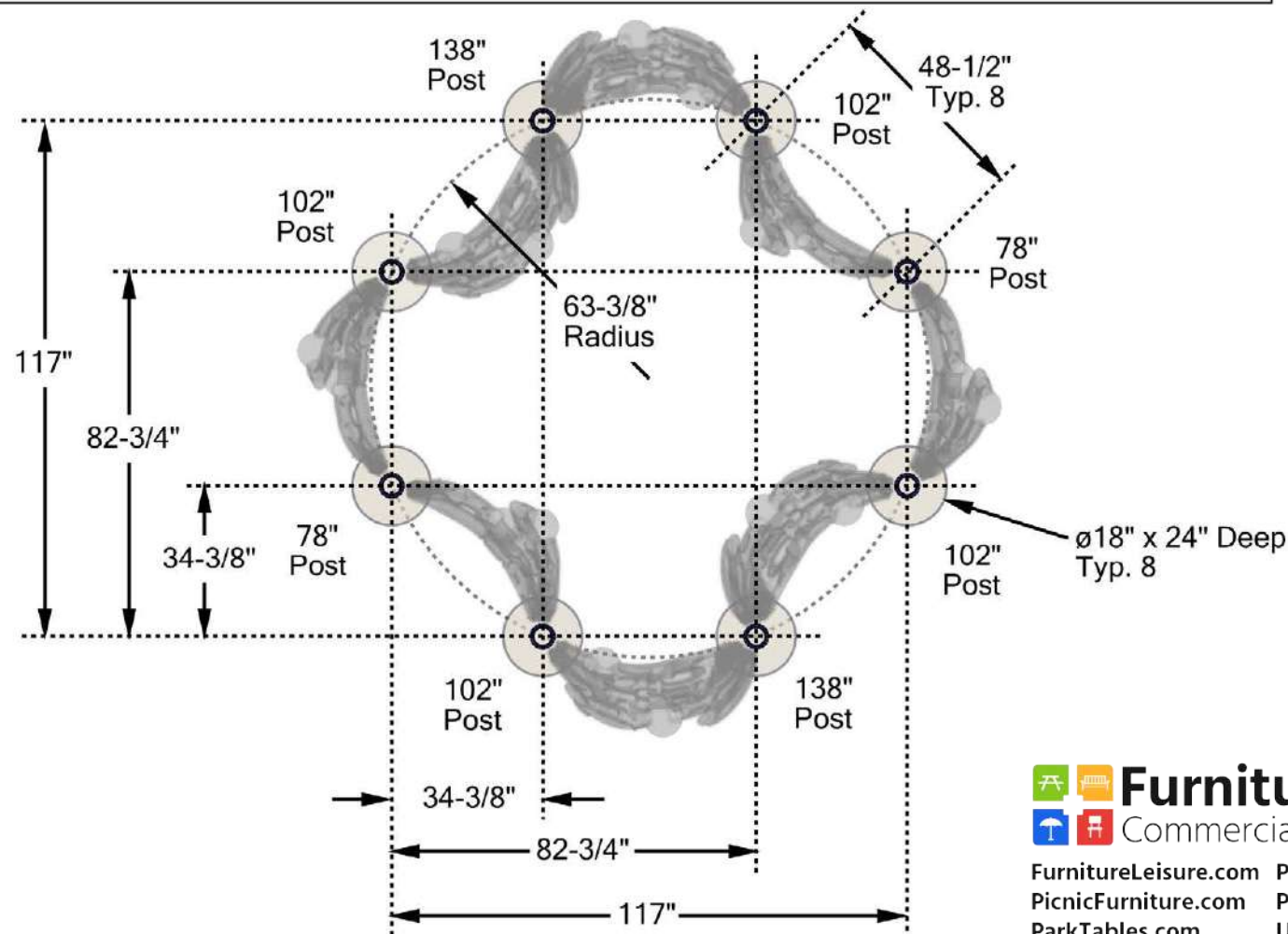
ITEM	Part No.	QTY	DESCRIPTION
1	PST-0893XX	2	5" OD x 11 GA x 78" Coated Post
2	PST-0895XX	4	5" OD x 11 GA x 102" Coated Post
3	PST-0898XX	2	5" OD x 11 GA x 138" Coated Post
4	07668XX	4	Short Bubble Wall
5	07667XX	4	Tall Bubble Wall
6	CTG10001XX	52	Fitting - 5" C-Line Panel Mount
7	HWM0170	52	5" Sealing Gasket
8	HWB0286	52	Bolt - 3/8" x 1-1/4" Security Torx With Patch
9	HWWR0092	52	Washer 3/8" ID x 1-1/4" OD Flat SS
10	HWS0021	208	Screw - 1/4" x 1" Self Tapping Torx w/Patch
11	CTG-10011XX	8	Generic cap for 5" OD post (Coated)



## INSTALLATION GUIDELINE

### STEP 1

Prepare footing holes. Refer to site plan drawing and site elevation drawing for placement of all support posts. Installer is responsible for proper location of all support posts. Footing hole spacing and support post lengths are shown below. Footing holes for support posts must be 18" diameter and 24" deep plus 12" surfacing. If surfacing is less than 12", deepen footing holes or cut support posts as needed. Place one block (not included) into bottom of each footing hole. Place support posts into footing holes without bracing. Bubble panels will be used to join posts together. DO NOT ADD CONCRETE. Footing holes will be completed at STEP 7. Proceed to STEP 2.



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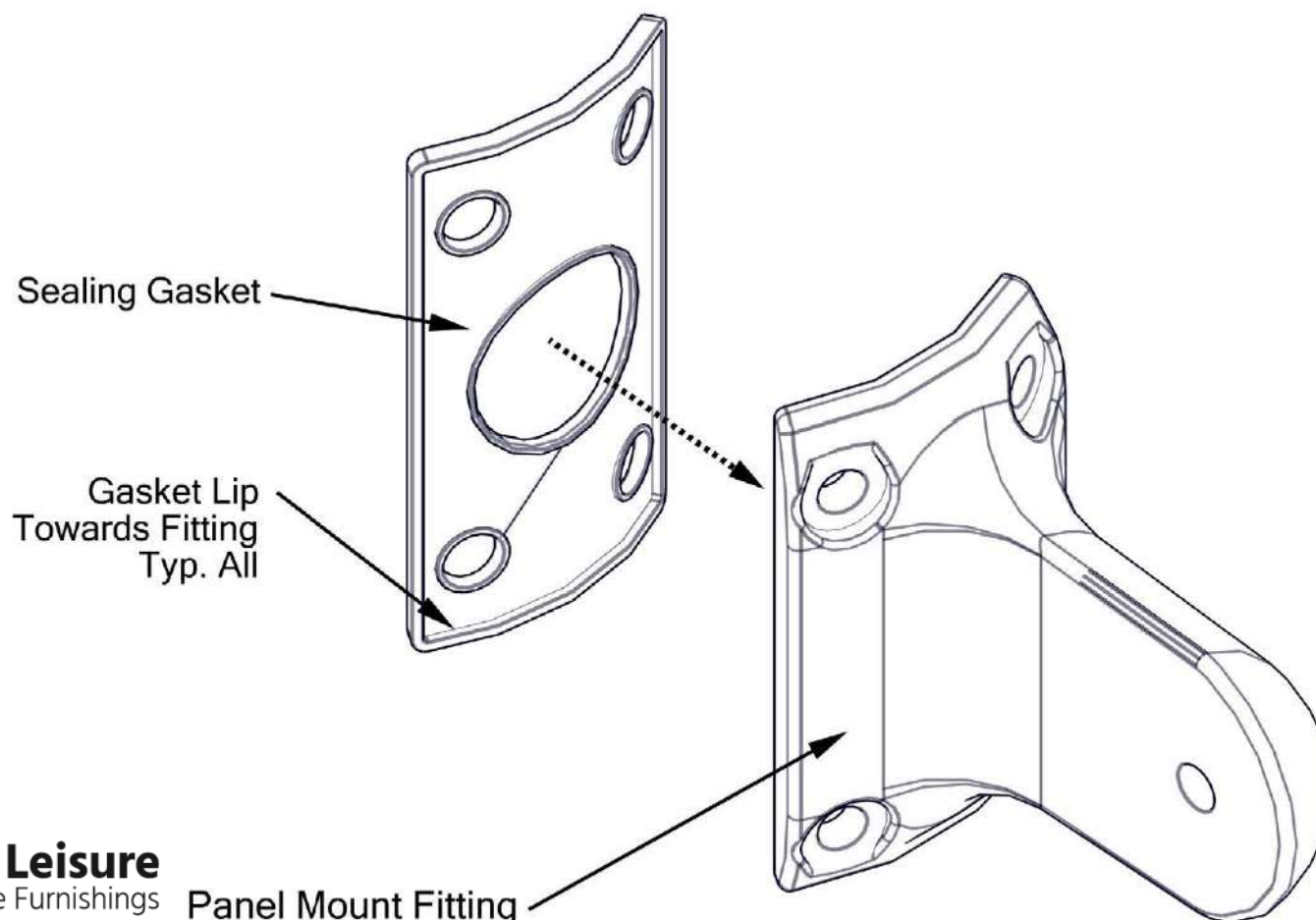
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## INSTALLATION GUIDELINE

### STEP 2

Mount sealing gaskets to panel mount fittings. Remove adhesive backing from sealing gasket. Ensure gasket is square and centered on panel mount fitting. Place gasket with lip facing fitting. Repeat for all panel mount fittings.



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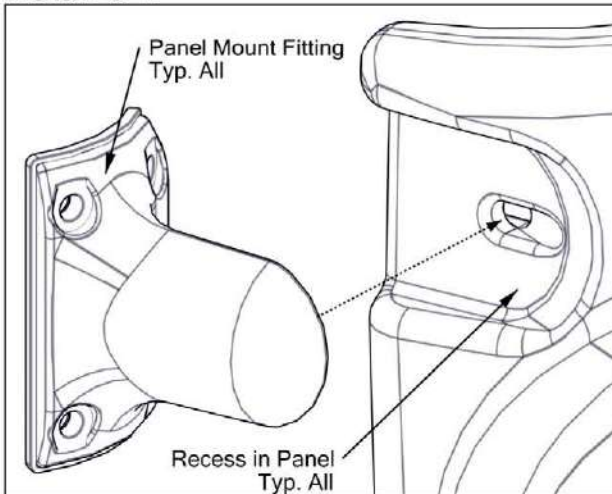
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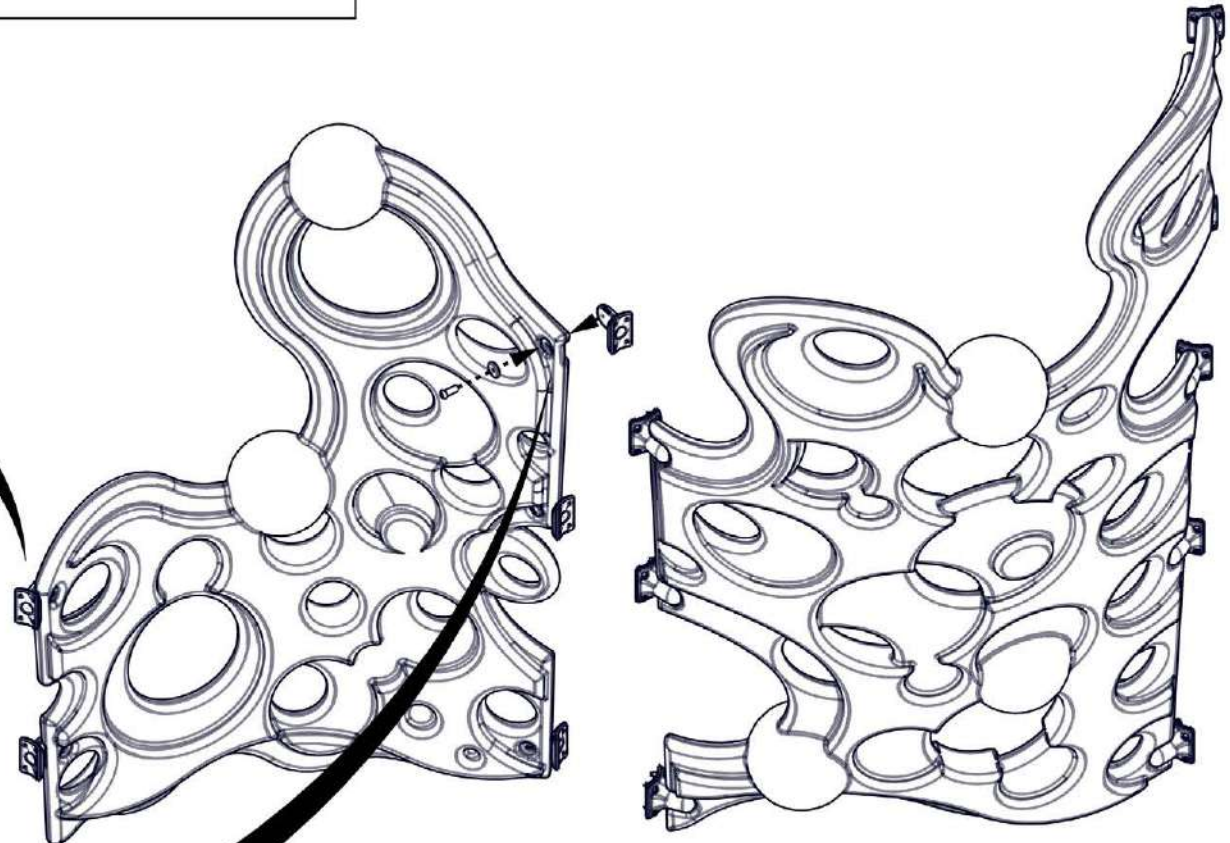
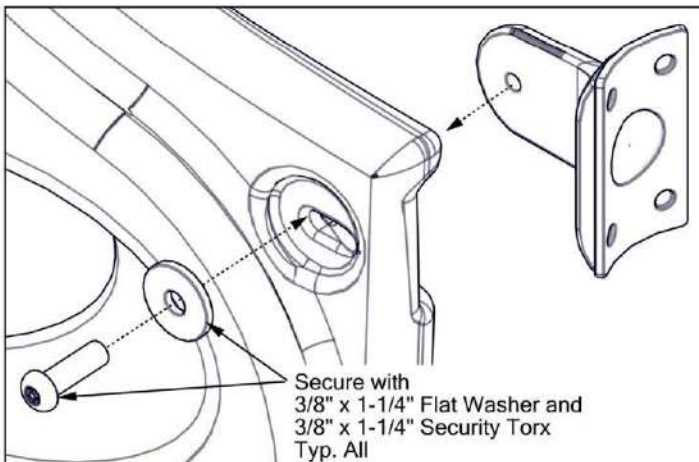
### STEP 3

Secure panel mount fittings onto panels. Short panels require five (5) fittings. Tall panels require eight (8) fittings. Fittings set into recess on outward curved side of panel. See Detail 3-1. Secure each fitting to panel with one (1) 3/8" x 1-1/4" flat washer and one (1) 3/8" x 1-1/4" security Torx. See Detail 3-2. Repeat for all fittings and panels.

#### Detail 3-1



#### Detail 3-2



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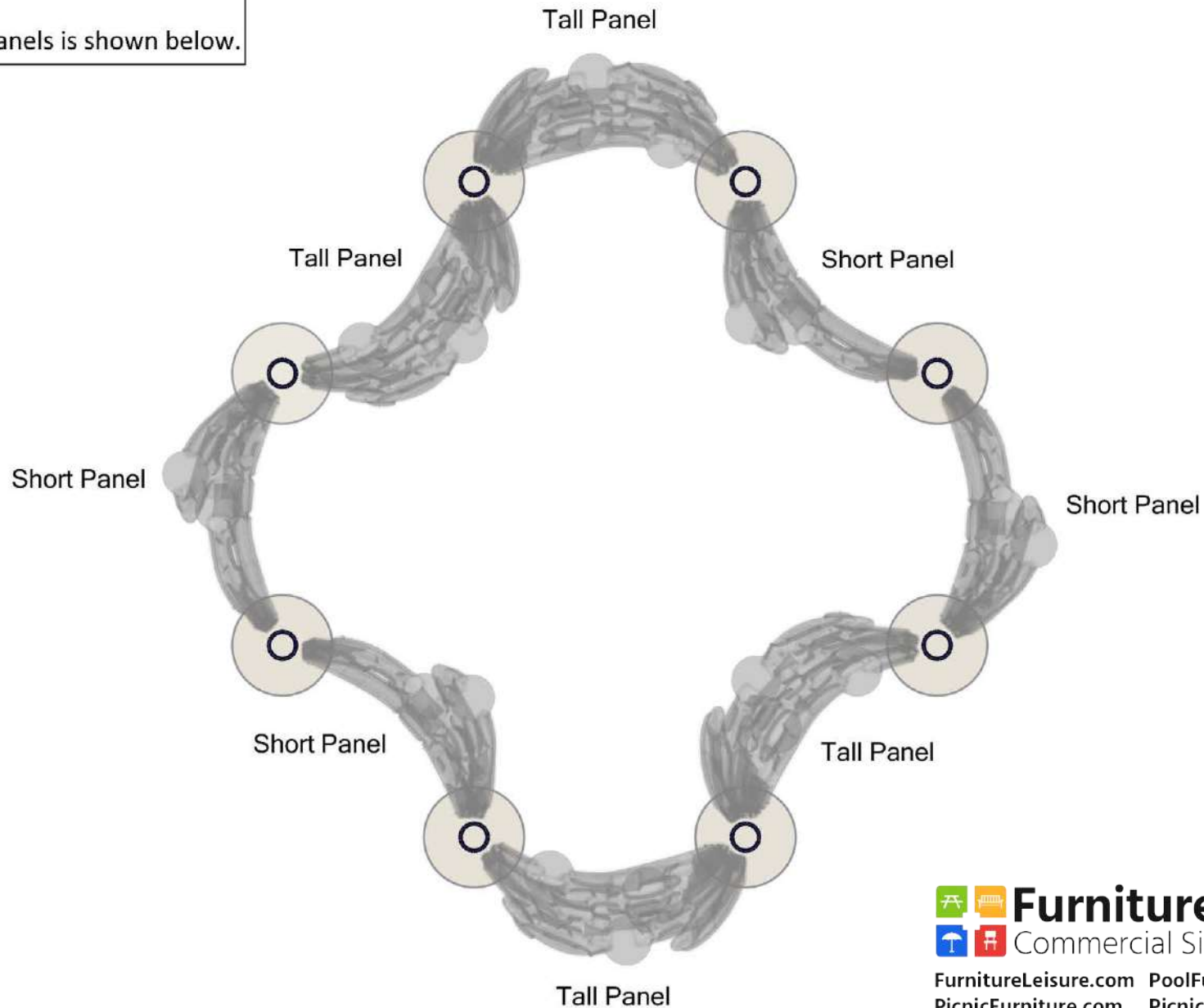
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## INSTALLATION GUIDELINE

### STEP 4

Position of all panels is shown below.



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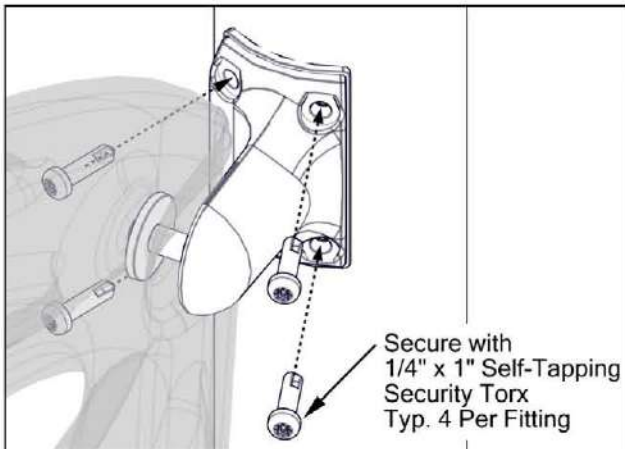


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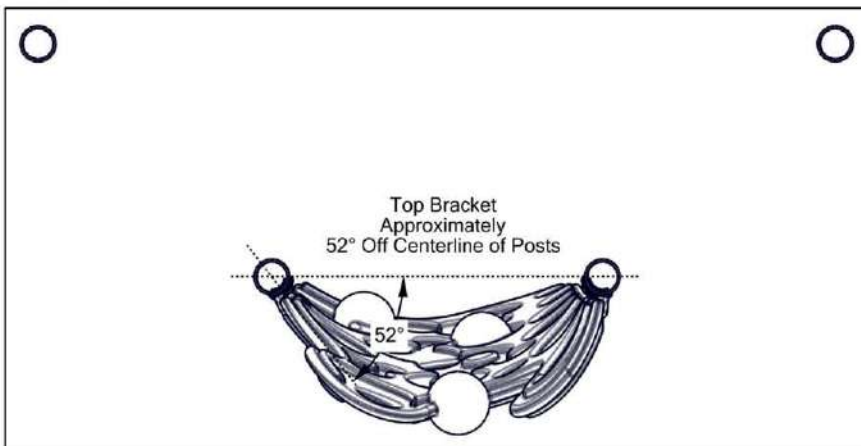
### STEP 5

Mount first tall panel to support posts. Ensure bottom of panel will be flush with surfacing. At each fitting, secure with four (4) 1/4" x 1" self-tapping security Torx. Pilot holes are not required. See Detail 5-1. For top view of placement of first panel, see Detail 5-2.

#### Detail 5-1



#### Detail 5-2



Flush  
with Surfacing

12" Surfacing

24" In-Ground

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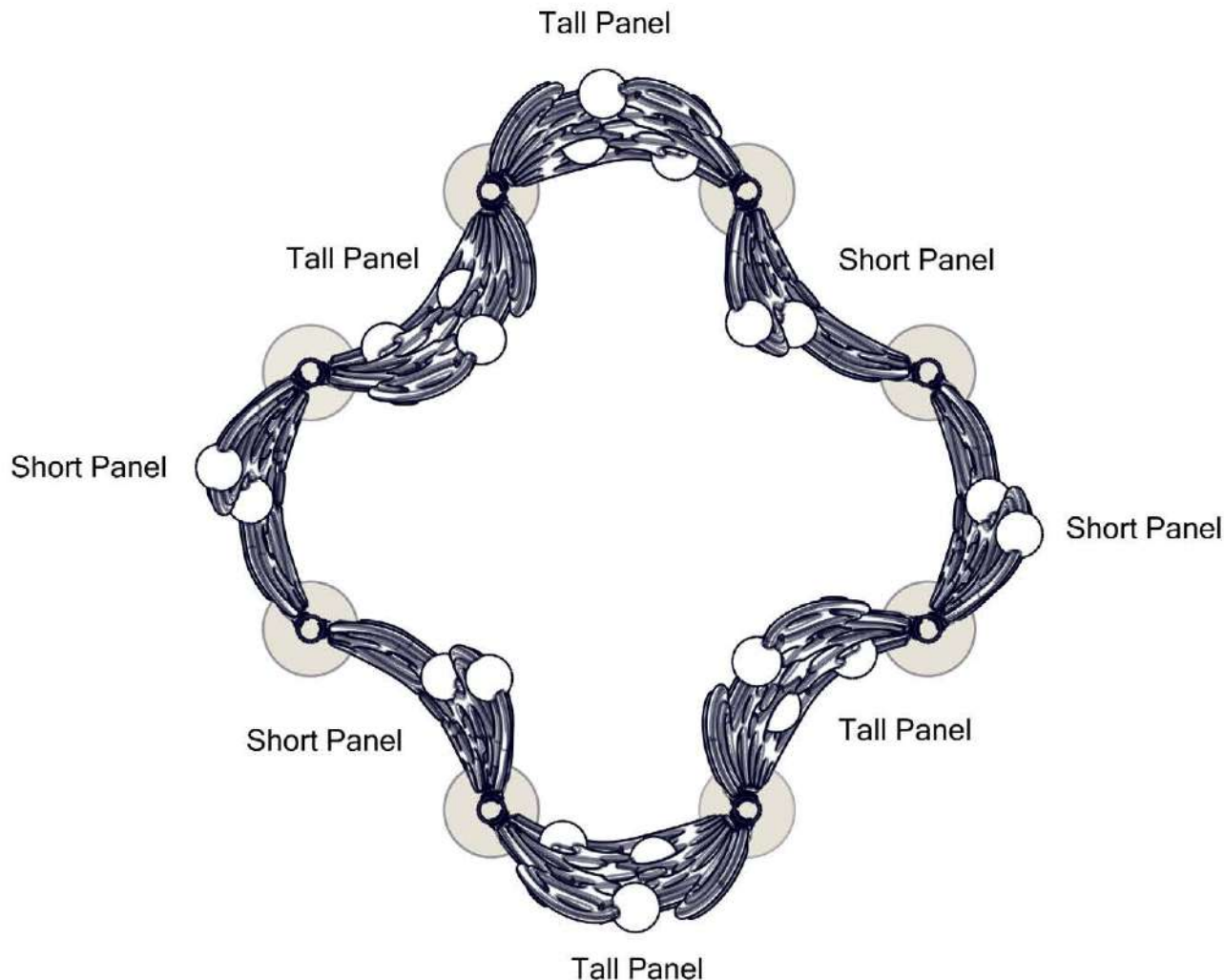
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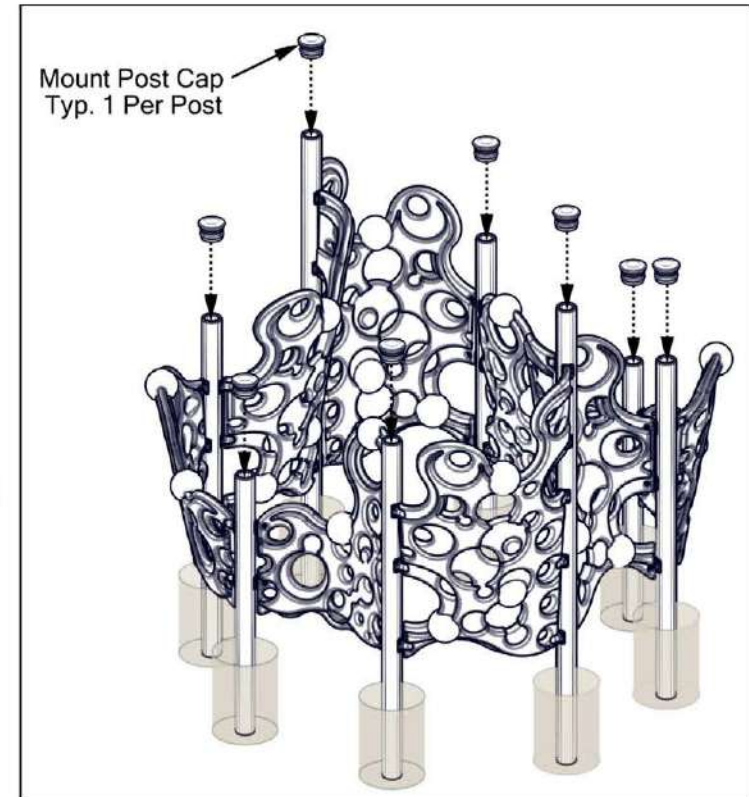
## INSTALLATION GUIDELINE

### STEP 6

Repeat STEP 5 for all panels. Ensure bottoms of all panels will be flush with surfacing. Plan view is shown below. Mount one (1) post cap to each post. Do not mar or scratch finish of post caps. See Detail 6-1.



Detail 6-1





## INSTALLATION GUIDELINE

### STEP 7

Complete setting of footing holes. Ensure support posts are plumb. Ensure blocks are beneath support posts. Fill footing holes with concrete to within 3" from ground surface. Allow concrete to cure based upon manufacturer's instructions. Backfill footing holes with dirt, flush with grade. See Detail 7-1 for footing hole details. Check all connections and ensure structure is stable. All concrete must be fully cured before use of structure. Installation is complete. Place one (1) Age Appropriate Sticker on structure in a clearly visible location.

Detail 7-1

